MORE THAN JUST AFTERMARKET

WATER PUMPS

WATER PUMPS, TIMING BELT KIT WITH WATER PUMP

2014

Pompe Acqua, Kit Distribuzione con Pompa Acqua
Pompes a Eau, Kit distribution avec Pompe a Eau
Wasserpumpen, Spannrollen Kit mit Wasserpumpe
Bombas de Agua, Kit Distribución con Bomba de Agua

GRAF

AUTOMOTIVE PASSION

metelligroup

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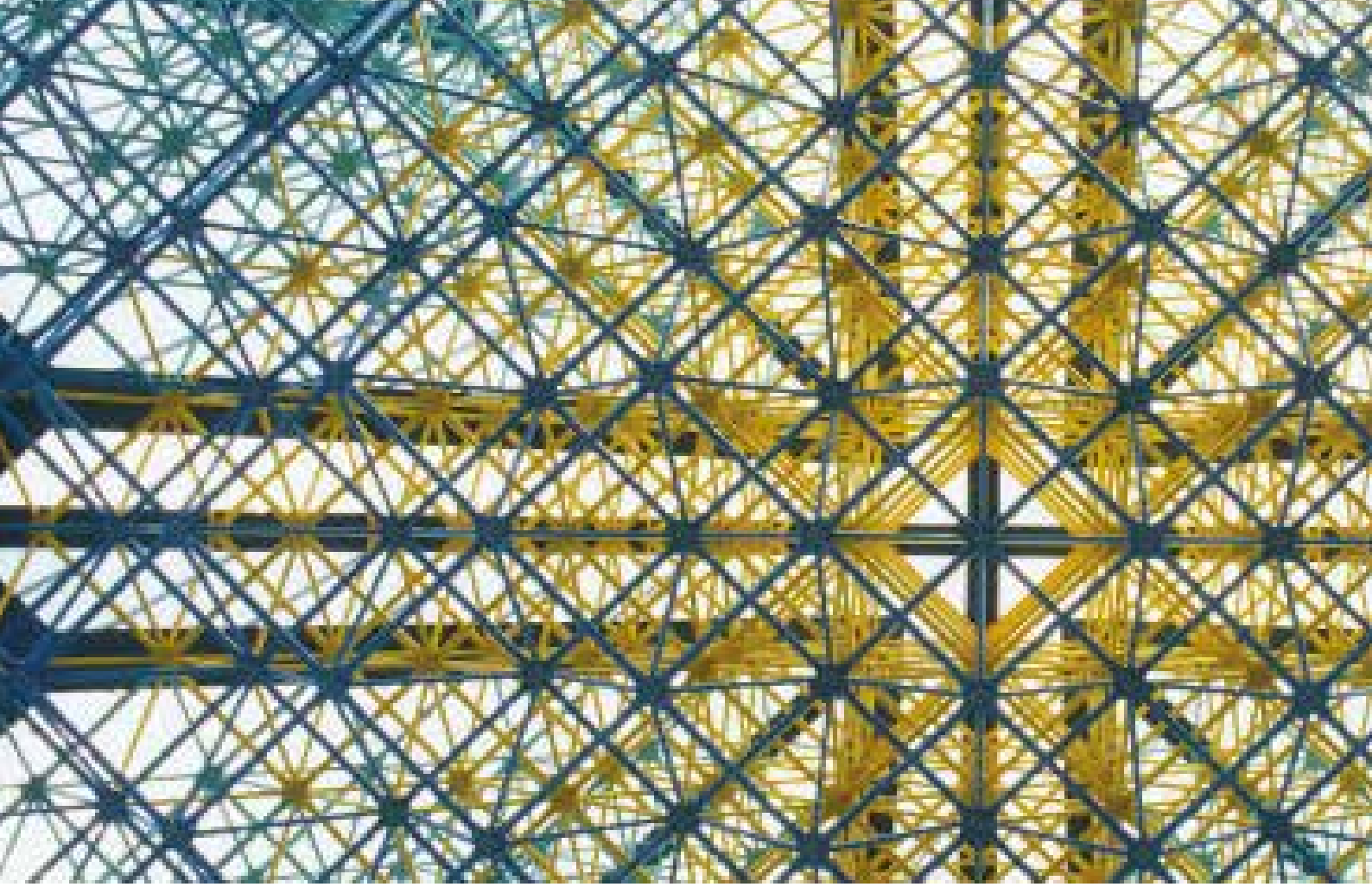
La Metelli nasce il 1° Agosto 1962 quale officina per lavorazioni meccaniche. Nel 1970 prende avvio la produzione delle parti motore e già nel 1975 inizia la fabbricazione delle parti freno e frizione idrauliche. Un ulteriore impulso all'espansione giunge nel 1991 con l'installazione della linea per la produzione dei giunti omocinetici a cui si aggiungono i semiassi nel 1999. Nel luglio del 2001 la Metelli S.p.A. acquista il 100% della società GRAF S.p.A., produttrice di pompe acqua e dischi freno. Nel 2008 vengono introdotte le pastiglie freno e nel 2010 le ganasce freno a completamento della gamma frenante. **Infine nel 2012 vengono lanciati il Kit distribuzione con pompa acqua e il kit cuffia.**

Metelli was established on 1st August 1962 as a mechanical engineering workshop. In 1970, the company started producing engine parts and, in 1975, began manufacturing hydraulic brake and clutch parts. A further boost to expansion came in 1991 with the installation of the line for the production of constant velocity joints, later expanded in 1999 to include driveshafts. In July 2001, Metelli Co. acquired 100% of GRAF Co., a leading manufacturer of water pumps and brake discs. In order to complete the brake parts range Metelli introduced brake pads in 2008 and brake shoes in 2010. ***Then in 2012 Metelli introduced the timing belt Kit with water pump and boot kit.***

La société Metelli a été créée le 1er août 1962 comme atelier d'usinage. En 1970, l'entreprise a démarré la production de composants pour l'industrie des moteurs et a lancé en 1975 la fabrication de pièces de freinage et d'embrayage hydrauliques. En 1991, dans le cadre de sa politique d'expansion, la société a installé une nouvelle ligne pour la production de joints homocinétiques, à laquelle s'est ajoutée en 1999 celle des transmissions. En juillet 2001, Metelli S.p.A. a rachèté la totalité de la société GRAF S.p.A., producteur leader de pompes à eau et de disques de frein. En 2008 nous avons introduits dans notre gamme les Plaquettes de Freins et en 2010 les Machoires de Frein à complètement de notre programme de freinage. ***En 2012 nous avons introduits les kit distribution avec pompe à eau et les kit de soufflet de transmission.***

Die Firma Metelli wurde am 1. August 1962 als mechanische Werkstätte gegründet. 1970 beginnt die Produktion von Motorteilen und bereits 1975 die Fertigung von hydraulischen Bremsenteilen und Kupplungsteilen. Einen weiteren Impuls zur Expansion erhält die Firma im 1991 durch die neue Produktionslinie Radgelenke und im Jahre im 1999 kommen dann Antriebswellen hinzu. Im Juli 2001 aquiriert die Metelli S.p.A. zu 100% die Gesellschaft GRAF S.p.A. auf, eine leitende Herstellerfirma von Wasserpumpen und Bremsscheiben. Im 2008 haben wir Bremsbelaege und im 2010 Bremsbacken in unserem Produktpalette eingefuehrt um unser Bremshydraulikprogramm zu vollstaendingen. ***Im Jahr 2012 hat Metelli Zusaetzlich Spannrollen Kit mit Wasserpumpe und Faltenbalg-Satz im Programm vorgestellt.***

La firma Metelli nace el 1 de Agosto de 1962 como taller para mecanizaciones. En 1970 comienza la realización de piezas para motores y ya en 1975 inicia la fabricación de piezas para frenos y embragues hidráulicos. Un mayor impulso a la expansión llega en 1991 con la instalación de una línea para la producción de juntas homocinéticas a las que se añadirán los semiejes en 1999. En el mes de Julio de 2001 Metelli S.p.A. adquiere el 100% de la firma GRAF S.p.A., fabricante lider de bombas de agua y discos de freno. En 2008 se introduce la gama de pastillas de freno y en 2010 la de zapatas de freno para completar la gama de frenos. ***Los kit distribución con bomba de agua y los fuelle se introdujeron en 2012.***



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TESTED

Il manuale tecnico Metelli sulle pompe acqua per motori a combustione interna

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AVVERTENZE

1. Il presente MANUALE TECNICO costituisce parte integrante ed essenziale del prodotto in quanto contiene istruzioni e note dettagliate relative alle caratteristiche ed al funzionamento dello stesso.
2. Ai fini della sicurezza e per rendere più agevole l'installazione, si raccomanda di leggere il MANUALE TECNICO con attenzione prima di montare il prodotto e di conservarlo a portata di mano per consultazioni rapide.
3. Per garantirne l'efficienza ed il corretto funzionamento è indispensabile che il prodotto sia destinato all'uso per il quale è stato specificamente progettato e realizzato.
4. L'installazione deve essere eseguita in ottemperanza alle norme ed alle leggi vigenti in materia di sicurezza e secondo le istruzioni del MANUALE TECNICO, da personale qualificato e con una specifica competenza tecnica nel settore.
5. Metelli spa è responsabile del prodotto nella sua configurazione originale e non autorizza in alcun caso modifiche che ne alterino o cambino le caratteristiche tecniche o il funzionamento.
6. Metelli spa si riserva di apportare variazioni sul prodotto e di conseguenza al MANUALE TECNICO senza alcun obbligo di preavviso. I cambiamenti saranno inclusi nelle versioni del MANUALE TECNICO successive all'attuale.

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Metelli spa tutela a termine di legge i propri diritti su disegni, testi, fotografie.

I motori a combustione interna ed il circuito di raffreddamento

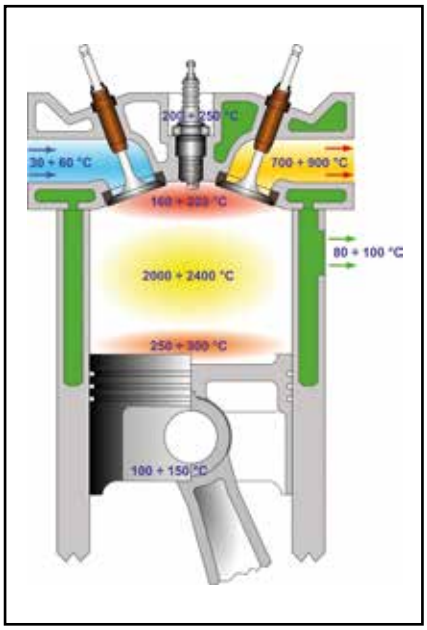
Ogni combustibile (gasolio, benzina, metano, ecc.) ha in sé una grande quantità di energia, questa è energia "chimica" che viene liberata sotto forma di pressione e calore durante la combustione.

All'interno del volume del cilindro chiuso tra la testa motore ed il cielo del pistone, si incendia la miscela di aria e combustibile trasformando l'energia chimica in calore e pressione (da qui il termine motore a combustione interna).

La particolare struttura meccanica del motore è in grado di trasformare l'energia liberata dallo scoppio in energia meccanica per il veicolo (o per altri scopi se per esempio il motore è un motore per applicazioni industriali).

Le temperature che si sviluppano all'interno della camera di combustione sono elevatissime, e tutto questo calore deve in qualche modo essere asportato; se così non fosse si arriverebbe ben presto prima ad un surriscaldamento del motore e poco dopo alla sua fusione. Per asportare il calore generato durante la combustione, tutto intorno al cilindro e nella testata ci sono un gran numero di canali nei quali scorre liquido di raffreddamento del motore.

Il liquido assorbe calore dalle pareti dei condotti scaldandosi ed il suo fluire lo porta poi a cedere il calore che porta con sé all'ambiente circostante mediante il radiatore *(immagine 1.1)*.



1.1 Temperature nelle varie zone del motore

I motivi principali per cui i motori sono raffreddati a liquido sono due: potenze specifiche sempre più elevate, temperature di funzionamento sempre maggiori.

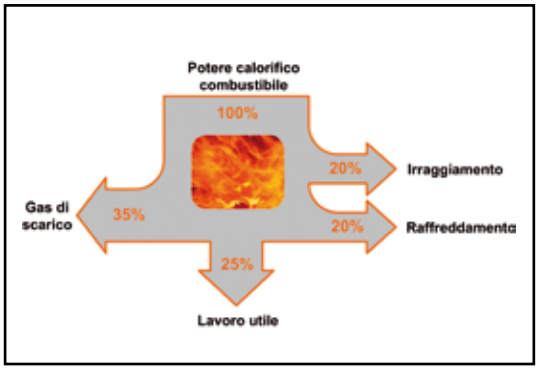
Questi due fattori hanno contribuito già da tempo a fare convergere tutti i costruttori di motori verso soluzioni con raffreddamento a liquido, anche quei costruttori che storicamente avevano fatto scelte inizialmente diverse.

Raffreddare i motori mediante un liquido li rende più compatti (sono senza le ingombranti alettature tipiche dei motori raffreddati ad aria) ed in grado di funzionare a temperature più alte, migliorando complessivamente il rendimento.

Il calore generato dalla combustione del carburante nella camera di scoppio passa nell'ambiente circostante seguendo vie diverse: con i gas di scarico, per irraggiamento e conduzione verso l'ambiente che circonda il motore stesso, ed infine attraverso il circuito di raffreddamento del motore *(immagine 1.2)*.

Tenere sotto controllo la temperatura del motore è fondamentale, il buon funzionamento dello stesso dipende dal mantenimento della corretta temperatura; temperature troppo elevate compromettono la lubrificazione prima e successivamente i materiali del motore, mentre temperature troppo basse fanno lavorare il motore con eccessivi attriti e combustione non corretta.

Compito del circuito di raffreddamento del motore è quindi tenere sotto controllo la temperatura del motore curandosi sia del transitorio termico che dello smaltimento del calore prodotto all'interno del motore durante il funzionamento. I primi circuiti di raffreddamento non avevano nemmeno una pompa acqua per la circolazione for



1.2 Rendimento motore a combustione interna

1.3 Vecchio motore privo di pompa acqua

zata, ma la generosa sezione dei tubi, unita ad un grande sviluppo verticale del radiatore, era sufficiente a generare un circolazione naturale dell'acqua sfruttando la differente densità alle diverse temperature *(immagine 1.3)*.

Questo era possibile perché i motori di un tempo avevano potenze specifiche molto basse ed i volumi all'interno del cofano motore erano più che ampi. Le cose sono cambiate rapidamente con il passare del tempo, il design delle vetture, i motori stessi, gli spazi a disposizione, sono drasticamente diversi da quelli di un tempo.

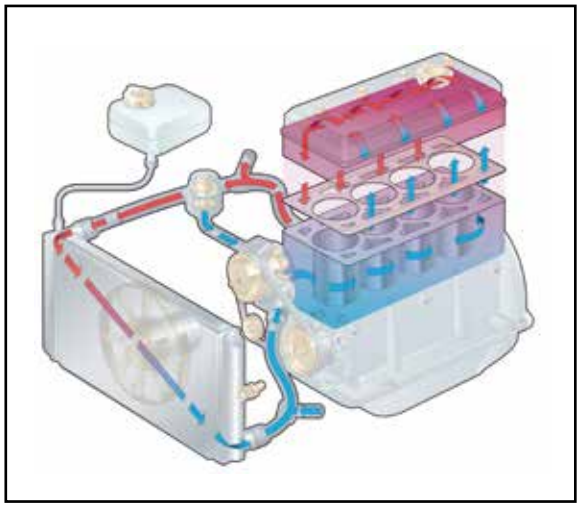
I circuiti di raffreddamento dei motori moderni di conseguenza si sono dovuti adattare diventando più compatti, più efficienti e soprattutto tutti obbligatoriamente funzionanti con circolazione del refrigerante garantito dalla presenza di una pompa acqua *(immagine 1.4)*.

I circuiti di raffreddamento dei motori moderni sono ormai dei veri e propri sottosistemi (di un certo grado di complessità) di un motore; componente principale del circuito è la pompa acqua che deve garantire la circolazione del liquido refrigerante in tutto il circuito.

Dato che i motori migliorano tanto più il loro rendimento complessivo se funzionano a temperature via via più alte, molti circuiti sono pressurizzati.

Questo significa che possono lavorare a temperature più elevate senza che il liquido di raffreddamento arrivi a bollire. Circuito pressurizzato vuol dire radiatori più piccoli, rendimento migliore del motore, ma anche temperature più elevate; i materiali di tutto il circuito devono essere attentamente scelti per resistere alle elevate temperature di un circuito pressurizzato.

Dotati di uno o più radiatori, con circuiti secondari per il riscaldamento dell'abitacolo ed in alcuni casi dotati anche di un circuito per il raffreddamento della turbina, i circuiti di raffreddamento hanno il loro cuore nella pompa acqua.



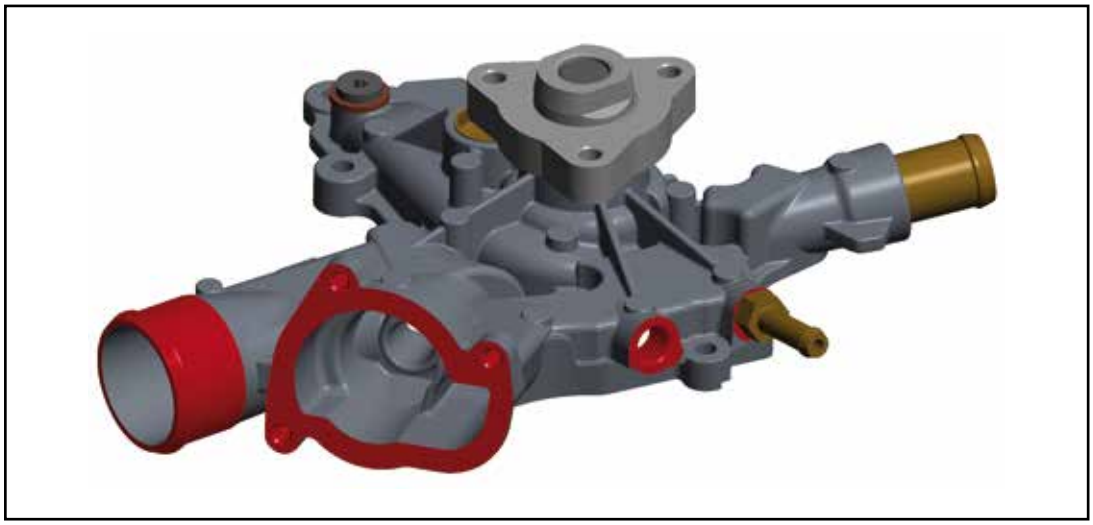
1.4 Schema moderno circuito di raffreddamento

Funzionamento di una pompa acqua

Sebbene negli ultimi anni le pompe acqua abbiano subito importanti cambiamenti legati alle evoluzioni dei motori su cui sono montate, la grande maggioranza delle pompe acqua ha mantenuto una struttura "classica", le cui regole di progettazione non hanno subito drastici cambiamenti.

Troviamo sempre una presa di moto meccanica, necessaria per trascinare in rotazione l'albero del cuscinetto interno a cui è collegata la girante che è il componente che trasferisce al fluido la potenza meccanica che arriva dal motore.

I componenti ad alta specializzazione come la tenuta meccanica ed il cuscinetto sono ormai molto industrializzati, costruiti con materiali altamente performanti che nel tempo si sono evoluti per durare sempre più a lungo e con-



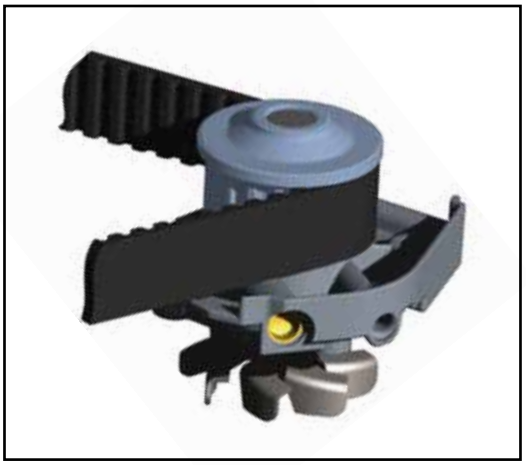
2.1 Pompe acqua con sede termostato integrata nel corpo

temporaneamente resistere a temperature sempre più elevate.
È grazie all'azione della girante che il liquido di raffreddamento è in grado di vincere la resistenza del circuito di raffreddamento (di solito molto tortuoso), fluire e quindi essere in grado di trasferire calore dal motore al radiatore, che a sua volta lo cede all'ambiente esterno *(immagine 2.1)*.
Così costruita la pompa acqua funziona fin dal primo istante in cui avviamo il motore anche quando non c'è effettiva necessità di far circolare il fluido. L'unico elemento che è in grado di fare in modo che l'acqua non passi per il radiatore è il termostato, la cui sede può trovare alloggiamento nello stesso corpo della pompa acqua *(immagine 2.2)*. Grazie alla sua tecnologia costruttiva il termostato è fatto per aprire il flusso di refrigerante verso il radiatore soltanto dopo che è stata raggiunta una temperatura ben precisa; questo evita che il refrigerante venga raffreddato quando in realtà non è ancora necessario (ad esempio quando il motore è ancora freddo).
Prendendo la potenza dalla cinghia del motore, o da altri meccanismi analoghi, la pompa acqua ha il suo numero di giri che è direttamente legato al numero di giri del motore; questo significa anche che la pompa acqua funziona fin dal primo momento che il motore si mette in moto anche se è freddo, ecco perché la presenza del termostato.

2.2 Moderno termostato

Prese di moto

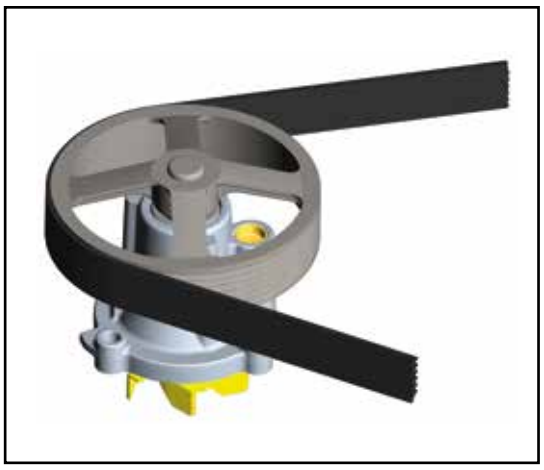
La presa di moto di una pompa acqua è meccanica; questo significa che la pompa assorbe coppia dal motore per mettere in rotazione la girante che fa circolare il refrigerante, in che modo?
Nella maggioranza dei casi la pompa ha una puleggia che viene trascinata da una cinghia dentata, generalmente è la stessa cinghia che muove gli alberi a camme del motore *(immagine 3.1)*.
In alcuni casi per esigenze legate al percorso della cinghia, la pompa acqua ha un puleggia senza dentatura perché il moto viene trasmesso soltanto per attrito con il dorso della cinghia stessa *(immagine 3.2)*.
L'impiego della cinghia di distribuzione non è l'unico caso nel quale la pompa acqua riceve la potenza dalla cinghia, anzi ci sono una grande quantità di motori che, a causa del layout dei vari ausiliari hanno una cinghia dedicata esclusivamente a tutti questi servizi come ad esempio, la pompa olio del



3.1 Pompe acqua con presa di moto sui denti della cinghia motore

3.2 Pompa acqua con presa di moto sul dorso della cinghia motore

servosterzo, la pompa da alta pressione del gasolio, il compressore del condizionatore, ed ovviamente anche la pompa acqua. In questi casi le cinghie impiegate per dare potenza ai servizi è di tipo Poly-V; più silenziosa e di più facile impiego rispetto alla cinghia dentata, è capace di garantire un funzionamento impeccabile ad ogni velocità di rotazione *(immagine 3.3)*.



3.3 Pompa acqua con presa di moto da una cinghia Poly-V

Come progettazione è stata ormai abbandonata la classica cinghia trapezoidale tipica dei motori di una certa età le cui prestazioni sono state ormai ampiamente superate dalla cinghia Poly-V. Le diversissime scelte progettuali che caratterizzano i motori moderni si riflettono anche nelle pompe acqua, tanto è vero che le soluzioni per dare potenza ad una pompa acqua non si limitano alla sola cinghia motore (o alla cinghia servizi quando la distribuzione è mossa da una catena). Esistono infatti una serie di varianti nelle quali si ha un accoppiamento meccanico vero e proprio che fa uso di alberi con profili scanalati *(immagine 3.4)*.

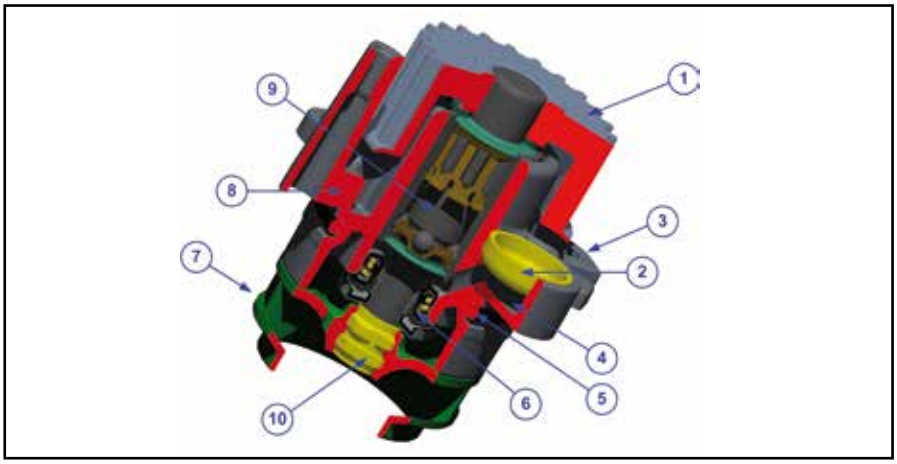
In realtà le soluzioni adottate sono anche diverse (ingranaggi, prese di moto sulla catena di distribuzione, ecc.), ma si trovano veramente in pochi casi: in motori di una certa dimensione come quelli destinati ad applicazioni industriali (gruppi elettrogeni, ecc.) o motori per veicoli industriali.

3.4 Pompa acqua con presa di moto da albero scanalato

Sezione di una pompa acqua: componenti principali

Ogni pompa acqua, per quanto diversa possa sembrare, se ridotta ai minimi termini può essere assimilata ad un numero ridotto di componenti principali che svolgono sempre la stessa funzione *(immagine 4.1)*:

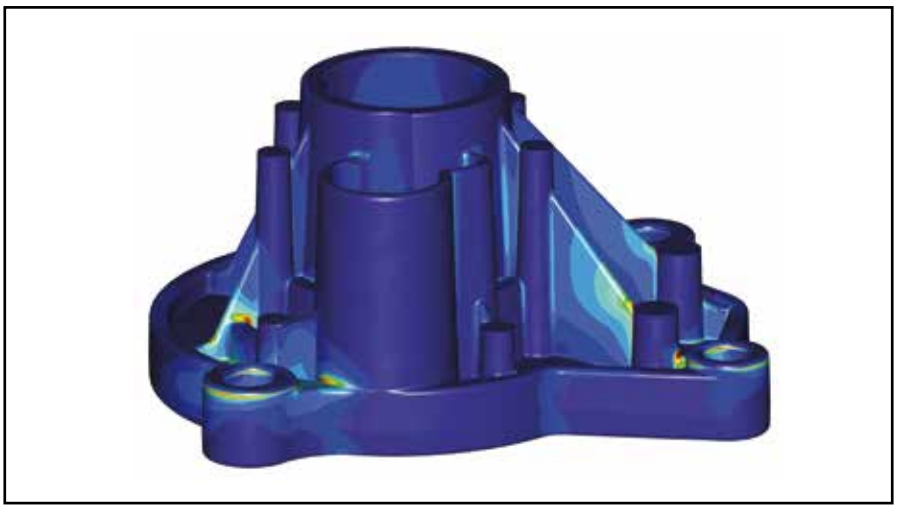
1. Puleggia dentata per accoppiarsi con la cinghia motore e trasmettere il moto
2. Tappo del serbatoio che raccoglie le piccole perdite della tenuta meccanica, che sono fisiologiche
3. Foro, ricavato nel corpo pompa, per una delle viti di fissaggio al motore
4. Serbatoio di raccolta delle perdite di liquido refrigerante della tenuta meccanica
5. O-ring di tenuta nella sede di montaggio della pompa acqua
6. Tenuta meccanica
7. Girante, in questo caso realizzata in tecnopolimero, del tipo a vani chiusi
8. Corpo principale della pompa acqua, in questo caso realizzato in alluminio pressofuso
9. Cuscinetto integrale, in questo caso rullo-sfera
10. Inserto metallico co-stampato nella girante



4.1 Sezione di una pompa acqua e dei suoi componenti

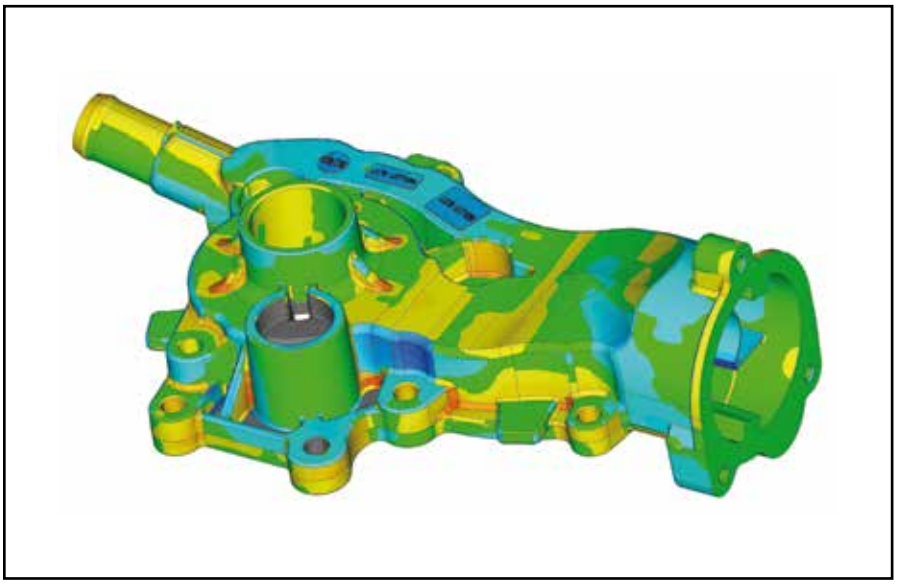
Design di una pompa acqua

I fattori che concorrono a dare letteralmente forma ad una pompa acqua sono molti: prestazioni, affidabilità, lunga durata, unite ad una qualità complessiva ai massimi livelli sono le caratteristiche che cerchiamo durante lo sviluppo di ogni nostro prodotto.
La geometria del corpo pompa è frutto non soltanto di considerazioni tecniche, legate alla sollecitazione a cui il corpo stesso è sottoposto, ma anche frutto della morfologia dell'intero circuito di raffreddamento.
Spesso infatti la pompa acqua è in punto d'incontro dei circuiti "secondari" di circolazione del refrigerante quali riscaldamento abitacolo, raffreddamento turbina, ecc.
Inserite nella maggioranza dei casi in un vano direttamente nel basamento motore, le pompe acqua si trovano ad operare in un ambiente gravoso; le alte temperature del liquido di raffreddamento e dell'aria sotto cofano, unite alle continue vibrazioni del motore, costituiscono l'ambiente di lavoro abituale per una pompa acqua.
Tutto questo si riflette in un processo di design ad hoc per ogni specifico riferimento.



5.1 Analisi strutturale corpo pompa acqua

Ogni pompa acqua viene sviluppata secondo criteri comuni di progettazione affinati nell'esperienza aziendale che ormai ha raggiunto il mezzo secolo.
Analisi ad elementi finiti vengono effettuate per assicurarsi che le pompe acqua, sottoposte alla peggiore combinazione di condizioni di esercizio, sia ancora in grado di reggere le sollecitazioni mantenendo inoltre un adeguato margine di sicurezza ulteriore *(immagine 5.1)*.
Spesso sulla pompa acqua sono montate una serie di masse rotanti aggiuntive (giunti viscostatici, ventilatori, ecc.); queste masse possono costituire un ulteriore aggravio delle condizioni di funzionamento della pompa (quando queste masse fossero diventate eccentriche).
Questo è un ulteriore aspetto del quale è necessario tenere conto in sede di dimensionamento; la presenza di masse rotanti, che possono essere fonte di sollecitazioni aggiuntive, è fonte di un notevole incremento delle forze agenti sul corpo pompa che si sommano a quelle già presenti.
Il rigoroso rispetto delle dimensioni imposte dal progetto è un altro aspetto cruciale, un completo controllo ottico effettuato in 3 dimensioni assicura che la geometria sia conforme a quanto stabilito in sede di progettazione *(immagine 5.2)*.



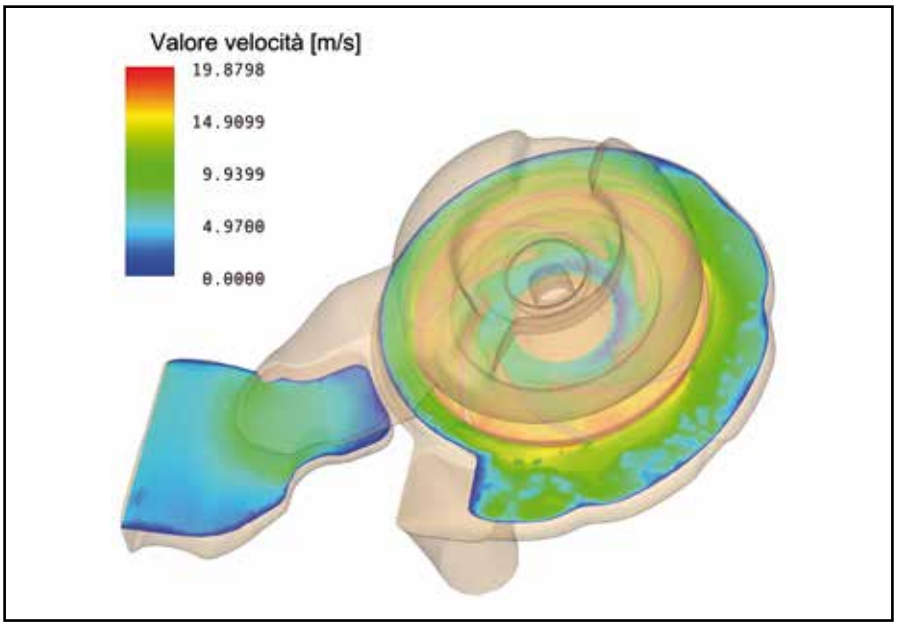
5.2 Controllo dimensionale 3D corpo pompa acqua

Il testing per assicurare le prestazioni della pompa acqua

La funzione primaria di una pompa acqua è garantire la circolazione del refrigerante in ogni parte del circuito; questo si traduce nel fatto che la pompa deve essere in grado di dare al fluido energia sufficiente per farlo circolare all'interno di tutti i condotti del circuito.

Le pompe acqua hanno un regime di rotazione che è strettamente vincolato al numero di giri del motore, quindi variabile; ciò significa che la pompa acqua deve fornire al refrigerante pressione e portata sufficienti in ogni sua condizione di funzionamento.

Per ottenere questo il componente principalmente responsabile è la girante che, assorbendo energia meccanica dall'albero del cuscinetto, la trasferisce al refrigerante sotto forma di energia cinetica.



6.1 Analisi fluidodinamica di una pompa acqua

Il design della girante e della voluta (quando questa costituisce parte integrante della pompa acqua) è strettamente connesso con le prestazioni fluidodinamiche risultanti.

Tali prestazioni vengono predeterminate mediante nostre procedure di calcolo; successivamente viene realizzato un modello 3D della girante così dimensionata e di tutta la geometria a contatto con il fluido (voluta, ecc.); quest'ultima viene poi verificata con programmi di simulazione.

Vengono effettuate infatti analisi fluidodinamiche con lo scopo di validare la geometria della girante calcolata e di poter avere una previsione delle prestazioni della pompa acqua in ogni condizione ritenuta significativa per il progetto, inclusa la verifica di assenza del fenomeno di cavitazione nelle condizioni peggiori *(immagine 6.1)*.

Una volta che i calcoli e le simulazioni hanno dato indicazioni sulla bontà della geometria, il tutto viene fisicamente realizzato mediante tecniche di rapid prototyping, che permettono di ottenere dei pezzi fisici in una particolare resina, partendo direttamente dal modello CAD 3D senza necessità di nessuna delle tradizionali attrezzature di produzione *(immagine 6.2)*.

Per ogni singola pompa acqua destinata ad una prova di prestazioni, viene sviluppata, sulla base di calcoli fluidodinamici, un'ap-

6.2 Prototipo con componenti in resina di una pompa acqua

posita attrezzatura, il cui scopo è far lavorare la girante nelle condizioni corrette, solo in questo modo le prove effettuate danno dei risultati affidabili *(immagine 6.3)*.

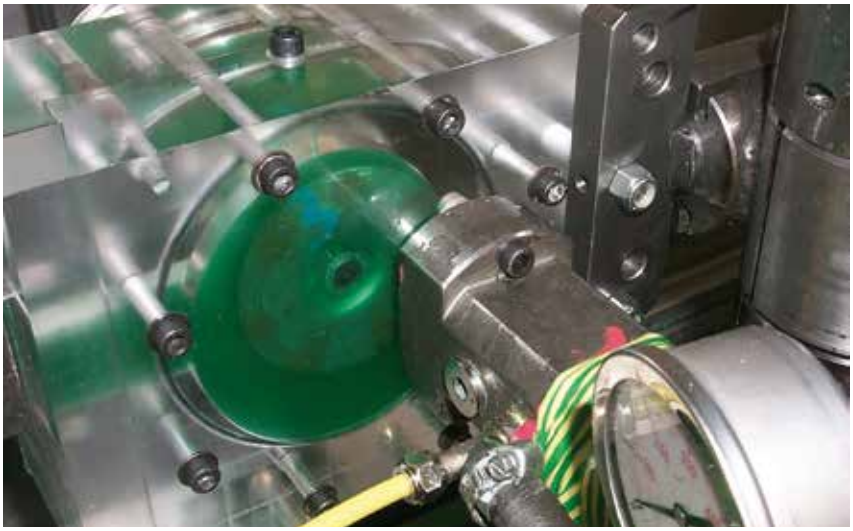
La possibilità di poter verificare l'insorgere o meno di certi fenomeni particolari è estremamente importante, per questo motivo con le attrezzature di prova vengono riprodotte in modo estremamente curato le condizioni di lavoro che la pompa incontrerà una volta montata nel motore *(immagine 6.4)*.

6.3 Attrezzatura di prova portata

I test reali, effettuati in condizioni strettamente controllate sui nostri banchi prova, tutti realizzati direttamente secondo nostre specifiche, danno evidenza finale sul buon esito dell'intero processo di progettazione.

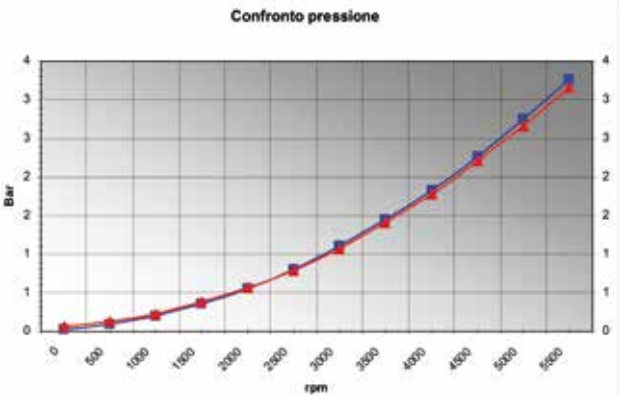
Questo ci assicura sull'effettivo raggiungimento delle prestazioni idrauliche di progetto dei nostri prodotti in ogni condizione di possibile utilizzo *(immagine 6.5)*.

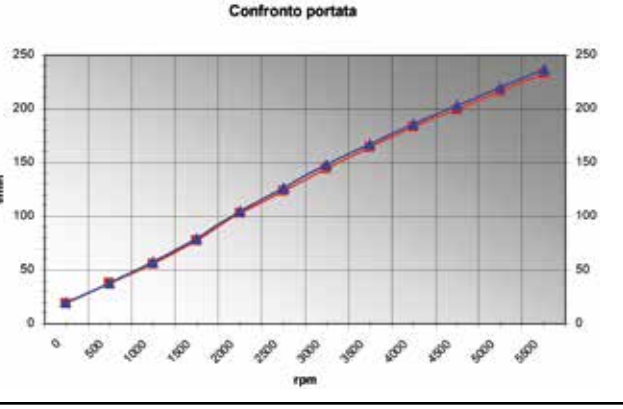
La capacità di validare e testare adeguatamente i propri prodotti è fondamentale.



6.4 Attrezzatura di test trasparente

Forti della nostra lunga storia aziendale, abbiamo in house la capacità di eseguire un ampio insieme di prove ad ogni livello al fine di caratterizzare nel modo più completo il comportamento idraulico (e non solo) dei nostri prodotti *(immagine 6.6)*.





6.6 Grafico di confronto portata

I liquidi refrigeranti

Nel circuito di raffreddamento del motore non è soltanto l'acqua che viene fatta circolare, tutt'altro! Quello che viene comunemente chiamato liquido refrigerante è una miscela in percentuali variabili (generalmente è però 50%-50%) di acqua ed una sostanza composta in prevalenza, ma non soltanto, da glicole etilenico.

I motivi di questa particolare miscela sono più di uno:

- Innalzamento del punto di ebollizione oltre la soglia normale dei 100°C a pressione atmosferica (il glicole etilenico puro infatti bolle a quasi 200°C).
- Abbassamento del punto di congelamento ben al di sotto della temperatura a cui l'acqua pura normalmente congela (i moderni liquidi antigelo abbassano il punto di congelamento fino a temperature di -30°C ed anche oltre).
- Aumento del calore specifico del liquido che permette, a parità di innalzamento della temperatura del fluido, di asportare una quantità maggiore di calore.
- Inibizione dei processi di corrosione che si possono innescare all'interno del motore.

7.1 Girante completamente corrosa a causa di liquidi non corretti

7.2 Due diversi liquidi refrigeranti

Mentre da un lato il glicole etilenico ha influenza sulla modifica delle temperature di ebollizione, congelamento e sulla capacità del liquido di asportare calore, la protezione del circuito di raffreddamento dai fenomeni di corrosione merita un discorso a parte. Nel motore, e più in generale nell'intero circuito di raffreddamento, ci sono una grande varietà di metalli, ognuno di questi ha le sue caratteristiche chimiche e, messi a contatto fra di loro, possono innescarsi fenomeni di corrosione *(immagine 7.1)*.
La presenza nel circuito di raffreddamento di un liquido che può contenere degli elementi chimici che favoriscono questo fenomeno porta ad un rapido degrado di alcuni componenti del circuito stesso (es. guarnizione

della testa, radiatore) con conseguenti problemi di varia natura.
Per evitare l'instaurarsi dei processi galvanici di corrosione, i moderni liquidi refrigeranti hanno delle sostanze apposite, che fungono da inibitori antiossidanti.
La presenza di queste sostanze conferisce ai liquidi refrigeranti molte proprietà utili al motore (inibitori della corrosione, inibitori del deposito di incrostazioni, proprietà antischiuma, ecc.) e sono anche il motivo per il quale tutti i liquidi hanno un loro colore particolare *(immagine 7.2)*.
Una miscela di acqua e glicole etilenico, sarebbe di per sé perfettamente trasparente, ma questi vengono colorati dai diversi produttori perché la presenza dei vari agenti inibitori, rende questi liquidi non sempre utilizzabili mescolati fra di loro.
Il motivo di ciò risiede nelle cosiddette basi degli inibitori, che possono essere di tre differenti tipi: organiche, inorganiche e miste; queste basi sono chimicamente incompatibili le une con le altre e pertanto, sebbene la funzione di protezione del motore sia la stessa, nel circuito di raffreddamento deve essere utilizzato un liquido refrigerante che sia prodotto con lo stesso tipo di base dell'agente antiossidante.
I liquidi, dal punto di vista degli additivi inibitori che contengono, possono essere suddivisi in tre grandi gruppi principali:

- IAT= Inorganic Additive Technology (con additivi inorganici)
- OAT= Organic Acid Technology (con additivi ad acido organico)
- HOAT= Hybrid Organic Acid Technology (con additivi ibridi)

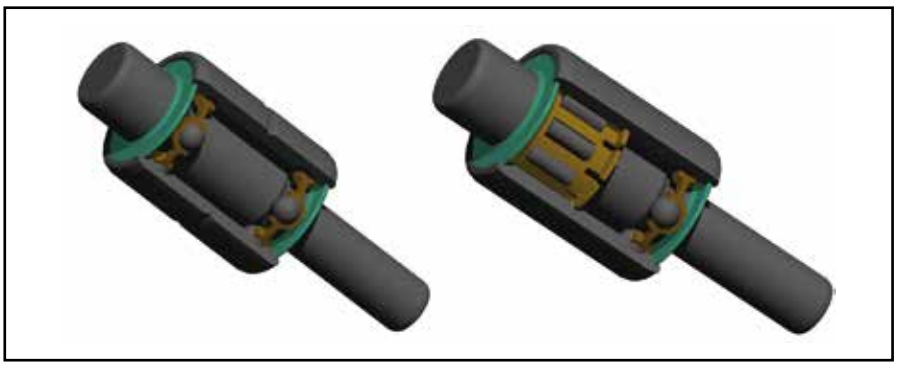
La colorazione data ai vari tipi di liquidi serve proprio ad evitare di fare miscugli di liquidi non compatibili fra loro che porterebbero alla formazione di sostanze derivate da reazioni chimiche e l'effetto degli antiossidanti e degli inibitori di corrosione sarebbe annullato.
Va sottolineato che ogni produttore di liquidi refrigeranti ha adottato il proprio criterio di colorazione; questo significa che liquidi con uguale colore sono compatibili solo e soltanto quando sono dello stesso produttore!

Focus sui componenti principali

Ogni componente in una pompa acqua deve svolgere un compito ben preciso e deve quindi avere caratteristiche conformi a requisiti chiari. Sebbene anche la pompa acqua, come un qualunque altro organo meccanico, sia soggetta ad una normale usura, l'impiego di componenti di alta qualità, unito ad un processo di produzione sempre sotto rigoroso controllo, assicura un elevato grado di affidabilità ed una lunga durata del prodotto. Prima di introdurre un componente nuovo i nostri tecnici eseguono dei selettivi test di omologazione con lo scopo di assicurarsi che le prestazioni del componente siano in linea con le aspettative, soltanto dopo esito positivo il componente entra a far parte dei particolari che i progettisti possono impiegare in un nostro prodotto.

Cuscinetti

I cuscinetti sono direttamente responsabili di reggere i carichi che arrivano dalla tensione della cinghia. Nati come derivazione dei classici cuscinetti di uso comune, i cuscinetti per pompa acqua sono ormai progettati su dimensioni specifiche, e sono fatti per durare quanto la vita attesa della pompa acqua, senza dover essere soggetti ad alcuna manutenzione.
Prodotti con già all'interno la giusta quantità di un grasso long-life e con i corpi volventi protetti da anelli di tenuta sia contro le perite di grasso che contro le infiltrazioni di acqua e sporco, i moderni cuscinetti per pompa acqua



8.1 Cuscinetto sfera-sfera e rullo-sfera

una volta montati nella pompa acqua non necessitano di alcun intervento di manutenzione.
Vengono assemblati per interferenza nel corpo e l'accurato controllo delle tolleranze dell'accoppiamento, unito al controllo in tempo reale delle forze di piantaggio, assicurano un accoppiamento ottimale con il corretto mantenimento del gioco radiale del cuscinetto *(immagine 8.1)*.
Realizzati secondo due tipologie costruttive principali, si differenziano soprattutto per l'entità del carico che possono reggere.
I cuscinetti destinati a regg ere i carichi più elevati, hanno infatti una delle due corone di corpi volventi costituite da rulli anziché dalle normali sfere; questo permette di aumentare la superficie di contatto tra i corpi volventi (i rulli) e le altre parti del cuscinetto e di conseguenza aumentano le forze che il cuscinetto è in grado di sopportare.

Giranti

Le giranti, sono i componenti che assicurano effettivamente le prestazioni idrauliche di una pompa acqua; sono specificatamente progettate e prodotte per garantire pressione e portata adeguate per il motore cui la pompa è destinata.

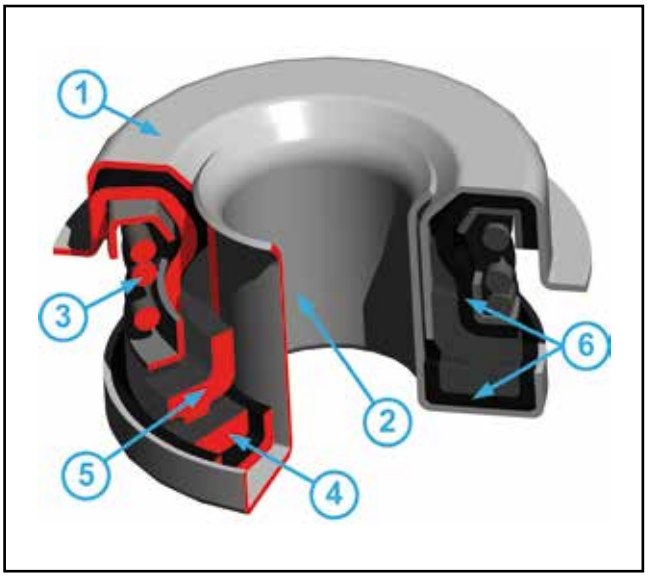
8.2 Modello 3D di una girante per pompa acqua

8.3 Giranti realizzati in modi differenti

La geometria di ogni girante, frutto di precisi calcoli, viene progettata a CAD fin nel minimo dettaglio e le sue prestazioni vengono poi verificate con i nostri banchi prova *(immagine 8.2)*.
Realizzate con tecnologie che spaziano dalla lamiera (anche inox) tranciata ed imbutita, all'ottone pressofuso, alla ghisa fino ad arrivare ai più moderni tecnopolimeri, le giranti vengono di volta in volta prodotte con la tecnologia ritenuta più idonea per ottenere un componente che abbia sempre le migliori prestazioni fluidodinamiche possibili, senza per questo scendere mai a compromessi sull'affidabilità *(immagine 8.3)*.
Questa libertà tecnica, derivata da un'esperienza lunga ormai mezzo secolo, ci permette avere grande libertà di scelta identificando il processo produttivo più adatto per ottenere la geometria di progetto.

Tenute meccaniche

La tenuta meccanica moderna è un componente altamente industrializzato, molto compatto e costruito interamente con materiali di alta qualità, è il componente che garantisce l'assenza di perdite di liquido dalla pompa acqua. Indipendentemente dalle soluzione tecniche dei dettagli i componenti che costituiscono la tenuta meccanica sono quasi sempre gli stessi *(immagine 8.4)*:

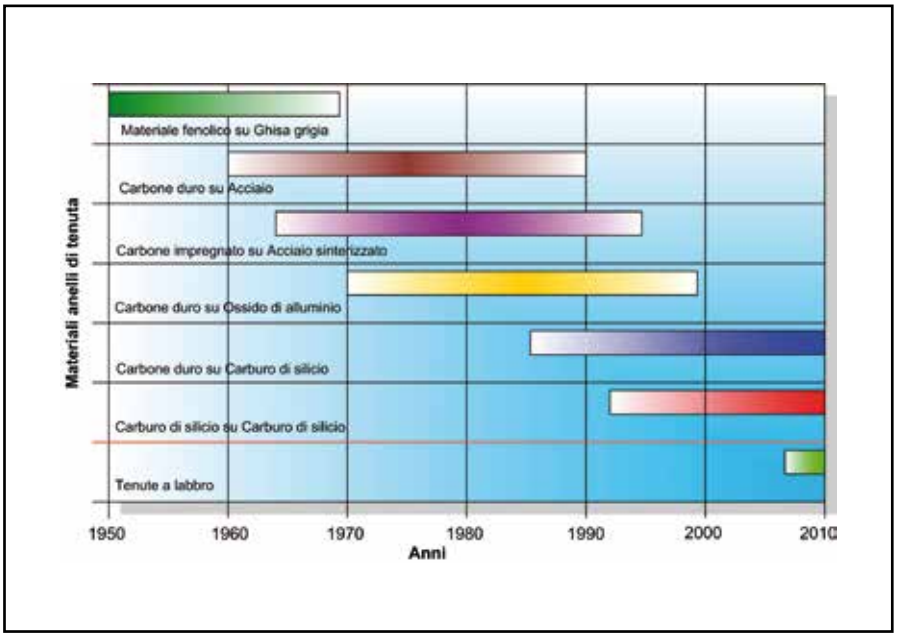


8.4 Sezione di una tipica tenuta meccanica

1. Parte fissa
2. Parte rotante
3. Molla elicoidale
4. Anello di scivolo
5. Controfaccia
6. Guarnizioni

Può avere forma apparentemente diversa, ma il principio su cui si basa è il medesimo da sempre.
Lo sviluppo al quale è stato costantemente sottoposto negli anni, lo ha portato ad essere sempre più compatto ed avere una durata sempre maggiore; oggi la tenuta meccanica è in grado di reggere continuamente anche per molte decine di migliaia di chilometri *(immagine 8.5)*.
Materiali estremamente duri come il Carburo di Silicio che fino ad alcuni anni orsono erano considerati "esoterici", sono al giorno d'oggi ritenuti normali per le realizzare gli anelli di scivolo di tutte le moderne tenute meccaniche di qualità; questo grazie ad un continuo impegno nello sviluppo dei materiali di questi componenti *(immagine 8.6)*.

8.5 Alcuni tipi di tenute meccaniche



8.6 Storia dei materiali degli anelli usati nelle tenute meccaniche

Mozzi e pulegge

Le pulegge, che ricevono la potenza meccanica dalla cinghia o in rari casi dalla catena, sono i componenti che tengono effettivamente in rotazione l'alberino del cuscinetto e di conseguenza la girante.
I mozzi svolgono la medesima funzione, vengono impiegati quando, per ragioni progettuali, l'ingombro della puleggia è superiore alla zona in cui ci sono i fori di fissaggio della pompa acqua nella sua sede; dal punto di vista funzionale sono considerabili alla stessa stregua.
Montati per interferenza sulla parte superiore dell'alberino del cuscinetto, devono essere perfettamente fissati per reggere le sollecitazioni che arrivano dalla cinghia del motore *(immagine 8.7)*.
La geometria esterna delle pulegge è fatta secondo tolleranze rigorose; solo in questo modo si è in grado di garantire il perfetto accoppiamento tra puleggia e cinghia; questo si traduce in un funzionamento esente da vibrazioni e rumore ed una vita della cinghia in linea con i migliori standard.

8.7 Mozzi e pulegge per pompa acqua

Corpi pompa

Il corpo principale della pompa acqua, realizzato nella grande maggioranza dei casi in lega di alluminio, deve contemporaneamente assolvere a diversi compiti.

- Deve essere in grado di sopportare le tutte sollecitazioni meccaniche
- La fusione deve essere perfettamente a tenuta stagna in quanto il corpo è parte integrante del circuito di raffreddamento
- Deve accoppiarsi correttamente con l'interfaccia sul basamento motore e garantire la perfetta tenuta al fluido
- Deve alloggiare correttamente il cuscinetto e la tenuta meccanica con le corrette tolleranze

È fuori di dubbio che è il componente che richiede maggior perizia nel suo sviluppo, anche perché ogni corpo pompa costituisce letteralmente un vero e proprio caso a sé stante *(immagine 8.8)*.

8.8 Modello 3D di un corpo pompa acqua

Istruzioni ed accorgimenti per un corretto montaggio

Le operazioni di installazione di una pompa acqua in sostituzione di una a fine vita, devono essere eseguite con cura, avendo accortezza di eseguire il tutto nel migliore modo possibile e non dimenticandosi di fare tutte le verifiche necessarie anche relativamente ai componenti direttamente correlati alla pompa acqua.

1. Operare sempre in condizioni di sicurezza e nel rispetto dell'ambiente.

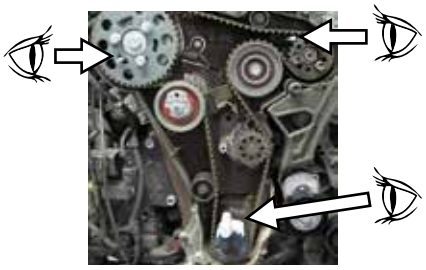
2. **Rendere accessibile l'area di lavoro**, se necessario rimuovere i pezzi necessari per accedere correttamente alla zona della pompa acqua.

3. Se ci sono particolari prescrizioni del costruttore per il montaggio della pompa acqua, **attenervisi scrupolosamente**.

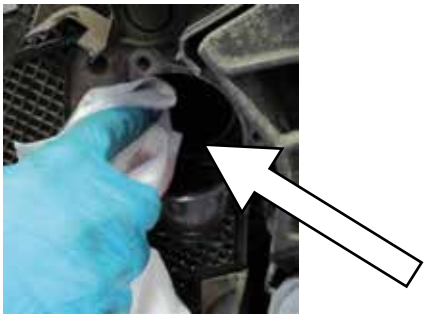
4. Il circuito di raffreddamento deve essere **svuotato completamente, accuratamente pulito e risciacquato**; particelle presenti nel circuito rovinano le facce degli anelli di tenuta, pregiudicandone il funzionamento in poco tempo.

5. Il liquido refrigerante va interamente sostituito con un **liquido nuovo, che risponda pienamente alle caratteristiche richieste dal costruttore**.

6. Se la pompa acqua è parte del circuito della distribuzione, la prima operazione da effettuare è il **bloccaggio della fase del motore utilizzando gli utensili speciali ove previsti dal costruttore**.

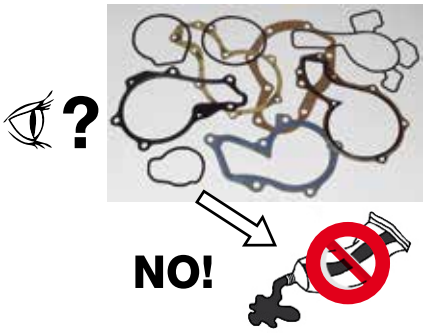


7. Una volta che la pompa è stata rimossa, si deve **pulire molto bene la superficie del basamento motore** da residui di pasta sigillante, pezzi di guarnizione rimasti incollati, riportando la superficie metallica perfettamente pulita, sgrassata ed asciutta.

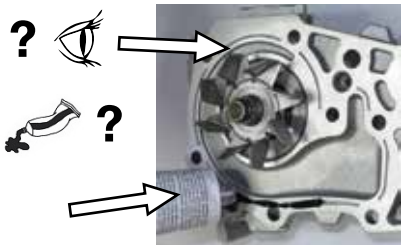


8. Controllare prima di ogni altra cosa che la pompa in sostituzione sia intercambiabile con quella nuova.

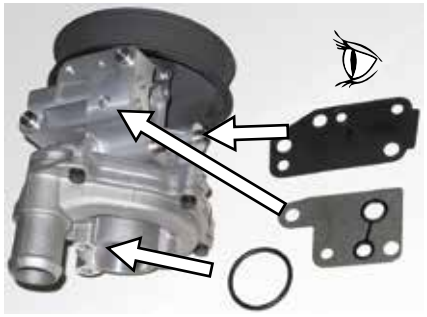
9. Se la **pompa ha una guarnizione, metallica o di altro tipo, la pasta sigillante non va assolutamente utilizzata**; la guarnizione fornita con la pompa è adeguata per garantire una perfetta tenuta, curare bene la pulizia della superficie di montaggio sul basamento motore.



10. Nel caso in cui la pompa preveda un'installazione con la pasta sigillante, avere sempre cura di stenderne, solo ed esclusivamente sulla superficie della pompa acqua, la quantità corretta **senza eccedere**; la pasta in eccesso infatti va spesso a finire nella tenuta meccanica causando perdita.



11. Ogni guarnizione che è stata smontata, va sostituita con una nuova; mai riutilizzare guarnizioni usate anche se sembrano in buone condizioni.

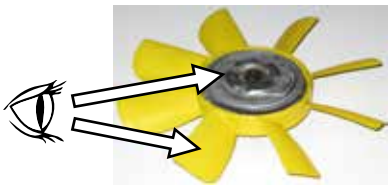


12. Le viti di fissaggio vanno avvitate incrociate e, prima di serrarle completamente, **ci si deve assicurare che la pompa sia centrata correttamente e possa girare liberamente** nella sua sede.

13. Rispettare scrupolosamente i valori di coppia di serraggio delle viti indicate dalla casa costruttrice.

14. Attendere sempre circa 1 ora con il circuito di raffreddamento vuoto per permettere al sigillante che è all'interno della voluta di polimerizzare correttamente.

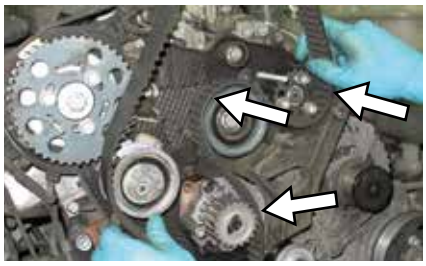
15. Verificare il buono stato di eventuali giunti (viscostatici e di altro genere) **montati sulla pompa acqua** nonché delle relative ventole; se si trovano giunti viscostatici con giochi non usuali o ventole storte o mancanti anche solo di parti di una pala, questi componenti vanno sostituiti.



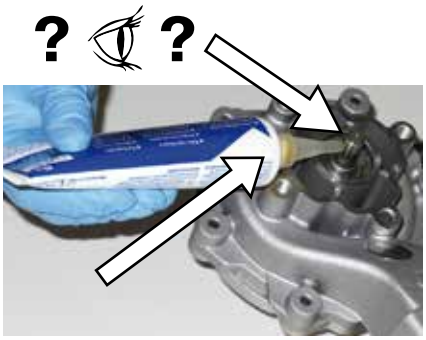
16. Le fascette stringi tubo che sono state rimosse vanno controllate ed eventualmente sostituite con fascette nuove.

17. Contestualmente alla sostituzione della pompa acqua, oltre alla cinghia, vanno sostituiti tutti i componenti interessati dalla cinghia stessa (galoppini, rulli e/o cilindri tenditori ed altri organi legati al sistema).

18. **Posizionare la cinghia seguendo correttamente le prescrizioni del costruttore**, soprattutto quando si tratta della cinghia di distribuzione; se sono stati previsti degli utensili speciali, usarli.



19. Alcune pompe acqua hanno ingranaggi ed alberi scanalati come presa di moto; assicurarsi del buono stato delle dentature e, per gli alberi scanalati, avere l'accortezza di mettere una piccola quantità di grasso specifico sulla scanalatura prima dell'inserimento in sede.



20. Verificare lo stato ed il corretto funzionamento del termostato.

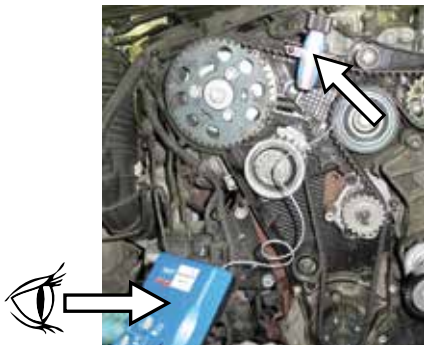
21. Verificare il funzionamento delle sonde di temperatura.

22. Verificare il buono stato del tappo del vaso di espansione; non deve essere incrostato.

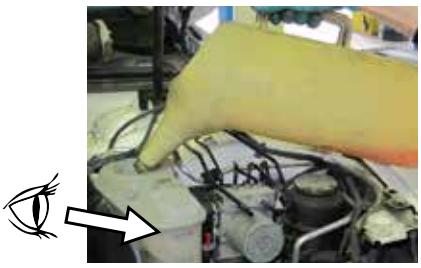
23. Se prima di smontare la cinghia di distribuzione gli alberi del motore non sono stati bloccati **è indispensabile ripristinare la corretta fase del motore** seguendo scrupolosamente le operazioni raccomandate dal costruttore.

24. **Tendere la cinghia rispettando il valore raccomandato dal costruttore**; evitare tensioni eccessive, far girare il motore manualmente e verificare che la posizione della cinghia sia stabile; eventualmente ripristinare poi la tensione corretta.

25. Per controllare la tensione della cinghia **utilizzare strumentazioni apposite** che siano in grado di fornire dati certi sul valore di tensione applicato.



26. Una volta installata la pompa e sigillato nuovamente il circuito, provvedere ad un suo primo riempimento con un liquido refrigerante conforme a quanto raccomandato dal costruttore.



27. Accendere il motore e, lasciato al minimo, accendere il riscaldamento abitacolo e continuare a rabboccare il liquido refrigerante dal punto più alto del circuito (generalmente il vaso di espansione) fino a che il livello non cala più, attendere l'apertura del termostato in modo da riempire correttamente anche il radiatore.

28. Avere cura di lasciare meno aria possibile nel circuito ancora prima di avviare il motore; il funzionamento anche per pochi secondi della pompa acqua a secco rovina la tenuta meccanica, causando un suo successivo funzionamento rumoroso e/o perdite di liquido.

I casi più comuni di danneggiamento di una pompa acqua: cause ed analisi

Una preparazione sul motore dell'area che è destinata ad accogliere la pompa acqua, unita all'esecuzione a regola d'arte delle operazioni di montaggio, sono passi fondamentali affinché la pompa, una volta in esercizio, si comporti come ci si aspetta.

Evitare di incorrere in una serie di errori comuni legati alle operazioni di installazione eseguite in modo non corretto, evita il verificarsi di inconvenienti banali ma fastidiosi, vediamo quali.

Liquidi di raffreddamento non idonei

L'impiego di liquidi di raffreddamento non idonei, non soltanto può creare problemi al motore dal punto di vista termico, ma peggio ancora non protegge dai fenomeni di corrosione che possono instaurarsi nell'intero circuito. Questo è causa di una corrosione di tutti i metalli del circuito, secondo la loro attitudine chimica; il risultato è un rapido degrado di tutte le superfici del circuito di raffreddamento. L'impiego di liquidi non idonei, inquinati, o contaminati da particelle, è causa, oltre che di corrosione, anche di durata limitata della tenuta meccanica.

Le perdite di liquido si vanno ad accumulare a ridosso del cuscinetto, provocando spesso la fuoriuscita del grasso ed il conseguente cedimento del cuscinetto *(immagini 10.1 e 10.2)*.

10.1 Componenti arrugginiti a causa di liquidi non idonei

10.2 Tenute meccaniche rovinate da liquidi non idonei

Bolle d'aria residue nel circuito

Eliminare completamente le bolle d'aria dal circuito di raffreddamento è molto importante. Le bolle d'aria residue che non riescono a finire nel vaso d'espansione superiore fanno, nella migliore delle ipotesi, lavorare il circuito a sezione ridotta; la presenza di bolle d'aria che non si eliminano può compromettere il buon funzionamento della pompa acqua *(immagine 10.3)*.

10.3 Traccia di funzionamento con una bolla d'aria presente

Surriscaldamento

Quando l'aria è presente in quantità nel circuito, la tenuta meccanica funziona a secco; questo ha come primo effetto quello di lucidare a specchio le superfici degli anelli di tenuta causando successivamente perdite, e se il fenomeno dura nel tempo il calore sviluppato è tale da fondere le parti in gomma della tenuta e lasciare traccia del calore anche sul corpo stesso della pompa *(immagine 10.4)*.

Sbilanciamento giunto viscostatico

È importante assicurarsi che il giunto viscostatico sia in perfette condizioni prima di rimontarlo sulla pompa acqua. Un viscostatico con il cuscinetto danneggiato gira sbilanciato e di conseguenza rappresenta una forte sollecitazione che si aggiunge al carico della cinghia. Questo porta facilmente al cedimento del cuscinetto della pompa acqua *(immagine 10.5)*.

Nei casi di sbilanciamento più gravi, le sollecitazioni raggiungono valori talmente elevati da provocare addirittura la rottura del corpo pompa *(immagine 10.6)*.

10.4 Superfici con segni di surriscaldamento

10.5 Viscostatico danneggiato

Sostituzione altri componenti del sistema di trascinamento

La grande maggioranza delle pompe acqua prende il moto da una cinghia, distribuzione o servizi che sia. La prima cosa da fare è un accurato esame dello stato della cinghia, se presenta segni di usura o di invecchiamento del materiale (crepe nella gomma, superfici lucide, ecc.), va sicuramente cambiata. Sostituendo la pompa acqua sarebbe sempre bene sostituire i galoppini ed i tenditori che, quando hanno malfunzionamenti, sono spesso causa del cedimento del cuscinetto della pompa acqua come conseguenza di un sovraccarico nella tensione della cinghia *(immagine 10.7)*.

10.6 Cedimento completo del corpo pompa a causa di masse sbilanciate

10.7 Pulegge tendi cinghia

Sovraccarico cuscinetto

La tensione della cinghia con valori di carico oltre quelli raccomandati è causa di condizioni di lavoro del cuscinetto particolarmente gravose. Il risultato è una vita del componente estremamente ridotta ed in alcuni casi si arriva ad un cedimento completo dello stesso *(immagini 10.8 e 10.9)*.

10.8 Albero cuscinetto danneggiato per carico eccessivo

10.9 Componenti cuscinetti danneggiati per sovraccarico

Utilizzo scorretto della pasta sigillante

L'impiego della pasta sigillante, è previsto su alcuni riferimenti, e su questi deve essere usato nel modo corretto. Vanno sempre utilizzati prodotti specifici, mai sigillanti generici o di altra natura ed è altrettanto importante che vengano utilizzati nella corretta quantità. L'impiego di sigillanti non idonei e peggio ancora in quantità eccessiva è sempre causa di problemi; accumuli di sigillante residuo che finisce nella tenuta meccanica causano immediatamente perdite e ci possono essere grumi di sigillante indurito che finiscono nei condotti del circuito di raffreddamento *(immagine 10.10)*.

10.10 Uso scorretto di materiale sigillante

Se una pompa acqua è stata prevista una guarnizione metallica, O-ring, o altro, questa soluzione è sufficiente a garantire la tenuta; non si deve applicare la pasta sigillante, comprometterebbe soltanto il funzionamento della guarnizione fornita con il pezzo *(immagini 10.11 e 10.12)*.

10.11 Pasta sigillante erroneamente applicata su guarnizione metallica

10.12 Pasta sigillante erroneamente applicata su guarnizione O-ring

Montaggio non corretto

È importante che le operazioni di montaggio della pompa acqua nella sua sede vengano fatte nel modo corretto, seguendo attentamente le eventuali istruzioni particolari in allegato.

Un montaggio eseguito in modo non corretto può facilmente portare la pompa acqua a lavorare male o peggio danneggiare alcuni componenti siano essi delicati come le guarnizioni, o in certi casi addirittura il corpo stesso della pompa acqua *(immagine 10.13)*.

10.13 Danni causati damontaggio non corretto

Montaggio di componenti sulla pompa acqua

Alcune pompe acqua portano montati altri componenti che devono venire installati dopo che la pompa acqua è stata installata sul motore. Eseguire correttamente le operazioni di montaggio di tali componenti è fondamentale; in particolare è estremamente importante evitare ad ogni costo di dare colpi di qualunque genere all'alberino del cuscinetto, questo causa come minimo il danneggiamento delle gole di scorrimento delle sfere del cuscinetto e in alcuni casi si può arrivare alla rottura dell'alberino stesso *(immagine 10.14)*.

10.14 Albero cuscinetto rotto per operazioni di montaggio errate

Corpi estranei nel circuito

Eseguire un'accurata pulizia di tutto il circuito quando si sostituisce la pompa acqua. È possibile che vi siano dei corpi estranei all'interno del vano di alloggiamento che, quando vengono spostati dal flusso di refrigerante, possono causare inconvenienti notevoli.
Quando la girante incontra un corpo estraneo si danneggia irrimediabilmente, creando potenziali problemi non solo a tutto il circuito di raffreddamento, ma è possibile che si verifichino danni anche alla distribuzione *(immagine 10.15)*.

10.15 Girante danneggiata da corpo estraneo nel circuito

Tendenze

Mai come negli ultimi anni si assiste ad un processo innovativo legato a questo componente i cui criteri progettuali sono rimasti immutati per decenni. Le esigenze di riduzione di consumi ed emissioni, la necessità di contenere il peso dei componenti, la sempre maggiore durata richiesta ai prodotti, hanno fatto cambiare la pompa acqua in molti suoi aspetti ed hanno fatto nascere un'intera nuova generazione di pompe acqua nate da concetti di progettazione integralmente nuovi.

Materiali

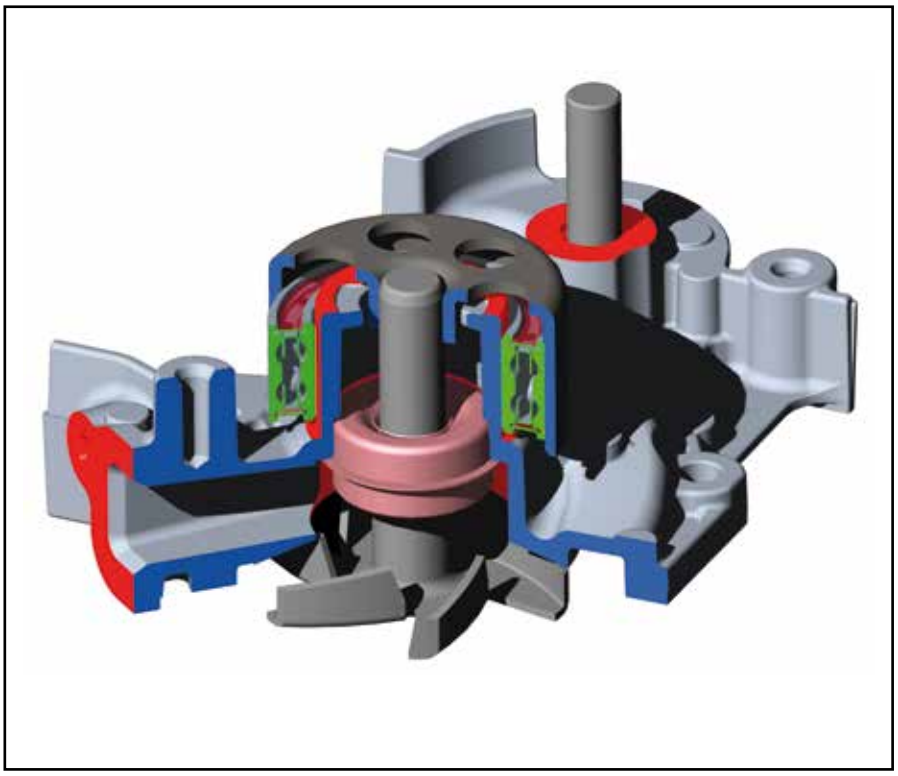
Accanto ai materiali ritenuti più "tradizionali" come ad esempio l'alluminio pressofuso per i corpi pompa, si assiste ad una sempre maggior introduzione di tecnopolimeri. Materiali simili a quelli ormai visti spesso impiegati nelle giranti, sempre di più negli ultimi anni hanno trovato impiego nella realizzazione del corpo della pompa acqua *(immagine 11.1)*.
Caratterizzati da un peso contenuto, da una buona stabilità dimensionale e da un'ottima compatibilità chimica, l'introduzione di questi materiali nei corpi pompa acqua è ancora limitata ad un ristretto numero di riferimenti.

11.1 Corpo pompa in materiale termoindurente

Cuscinetti

Accanto ai cuscinetti specifici per pompa acqua che il mercato è abituato a vedere da molti anni, a causa dei continui incrementi di potenza che i motori subiscono durante la loro vita sul mercato, le cinghie sono sempre più sollecitate ed hanno reso necessaria l'introduzione di una generazione nuova di cuscinetti, più simili ai cuscinetti che si trovano nelle pulegge dei compressori dei condizionatori *(immagine 11.2)*.

A differenza dei cuscinetti da montare all'interno della sede nel corpo pompa, questi cuscinetti sono da montare esternamente al corpo; questo permette di avere un cuscinetto di dimensioni maggiori che è in grado di reggere sollecitazioni più elevate e quindi di garantire un funzionamento senza problemi anche il quei motori che durante la loro evoluzione hanno visto aumentare considerevolmente i valori della tensione delle cinghie.



11.2 Modello 3D di pompa acqua con evidenziato in verde il cuscinetto esterno al corpo pompa

Tenute

Le tenute meccaniche monoblocco hanno negli anni subito una costante evoluzione nella geometria e nei materiali impiegati specialmente negli anelli di tenuta; questo progresso le ha rese sempre più compatte e contemporaneamente più durevoli.

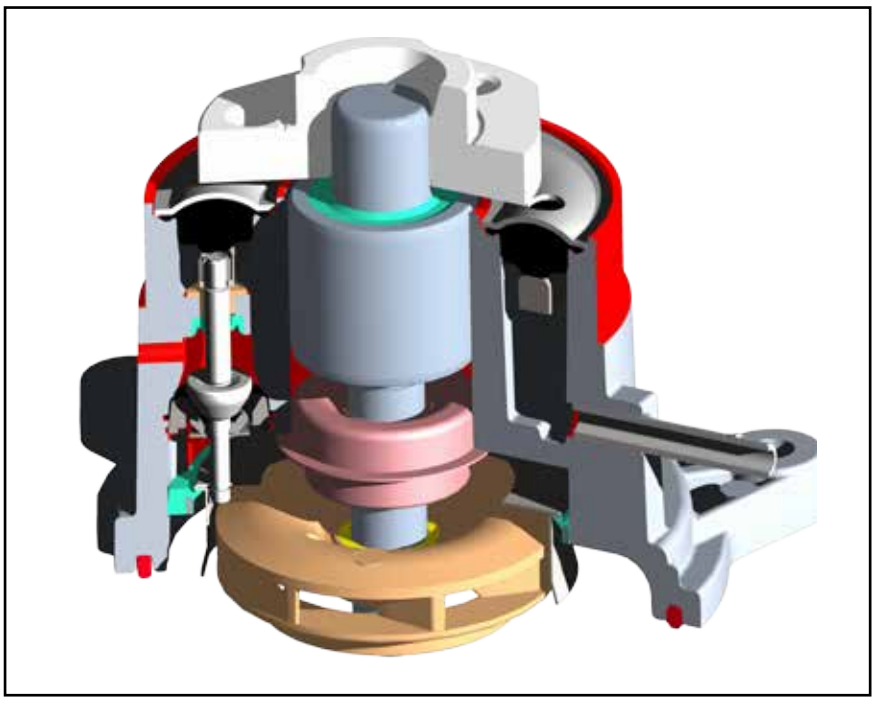
Recentemente ha fatto la sua comparsa sul mercato un'intera generazione di tenute meccaniche di nuova concezione *(immagine 11.3)*.

Più simili agli anelli di tenuta olio che alle tenute meccaniche classiche, questa nuova generazione di componenti ha la tenuta lungo la superficie dell'albero del cuscinetto. Dotate di una maggior resistenza al funzionamento a secco, e di una coppia resistente inferiore, sono tenute che impiegano soluzioni e materiali innovativi e grazie alla loro geometria hanno ingombri veramente ridotti ai minimi termini.

11.3 Tenuta a labbro per pompa acqua

Soluzioni

Le tendenze di sviluppo odierne stanno portando sul mercato una vasta tipologia di pompe acqua, di concezione nuova, il cui scopo è quello di venire incontro alle nuove esigenze di efficienza della pompa stessa e di riduzione emissioni dei motori.
Per sua naturale caratteristica, un pompa acqua tradizionale è progettata per smaltire il calore prodotto dal motore quando questo sta funzionando al massimo delle sue prestazioni. Questo regime di funzionamento è, nella reale condizione di utilizzo del motore, molto poco frequente; per un motore automobilistico le massime prestazioni sono chieste al motore meno del 10% della sua intera vita.
Le soluzioni che i progettisti hanno elaborato per venire incontro all'esigenza di avere una pompa acqua che sia adeguata per un corretto raffreddamento del motore, ma maggiormente ottimizzata per rispondere alle molteplici esigenze di un moderno motore, sono molto diverse fra loro.



12.1 Sezione della pompa acqua azionabile brevettata da Metelli

Queste soluzioni hanno fatto nascere una famiglia di pompe acqua di nuova generazione denominate azionabili; un'intera serie di soluzioni che, pur sempre prendendo il moto dalla cinghia, sono in grado di interrompere il flusso d'acqua utilizzando varie soluzioni differenti.
Alcune di esse impediscono la circolazione dell'acqua mediante la chiusura dei passaggi nella pompa stessa, mentre altre scollegano la puleggia fermando la rotazione della girante.
Metelli ha sviluppato perfezionando la sua soluzione; una soluzione innovativa, per la quale è stato ottenuto il brevetto europeo, che rappresenta ad oggi la soluzione più affidabile presente sul mercato.
Questa soluzione permette di interrompere la circolazione del fluido nel circuito di raffreddamento utilizzando una serranda azionata pneumaticamente. L'azionamento della serranda avviene creando una depressione all'interno di una specifica zona del corpo pompa, detta "zona del vuoto"; il motivo di questa denominazione sta nel fatto che viene utilizzato la depressione prodotta dalla pompa a vuoto del servofreno.
Questa soluzione vista dall'esterno di presenta come una pompa acqua apparentemente normale, con il corpo più ingombrante intorno alla zona del cuscinetto; proprio dentro questo ingombro alloggia tutto il meccanismo che serve a movimentare la serranda che si trova intorno alla girante.
Questo meccanismo, potenzialmente dannoso per il motore dato che è infatti in grado di interrompere il flusso dell'acqua nel circuito di raffreddamento, è stato sviluppato in modo da essere "fail safe" cioè tale da lasciar passare sempre il fluido anche in caso di suo malfunzionamento, tutto a vantaggio di una soluzione proposta all'insegna dell'affidabilità.
È in atto una vera e propria rivoluzione nel modo di concepire un prodotto che è rimasto immutato nella sua sostanza per 40 anni.
Questi nuovi approcci alla progettazione della pompa acqua hanno cominciato a portare sul mercato un'intera nuova generazione di prodotti più sofisticati, più efficienti e con prestazioni più in linea con le esigenze dei motori moderni.

The Metelli technical manual on water pumps for internal combustion engines

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Internal combustion engines and their cooling circuits

All fuels (diesel, petrol, methane, etc.) contain a large amount of energy, this energy is “chemical” and is released in terms of pressure and heat during combustion.

Within the cylinder volume, enclosed between the motor head and the piston’s upper surface, the mixture of air and fuel ignites, transforming chemical energy into heat and pressure (hence the term internal combustion engine).

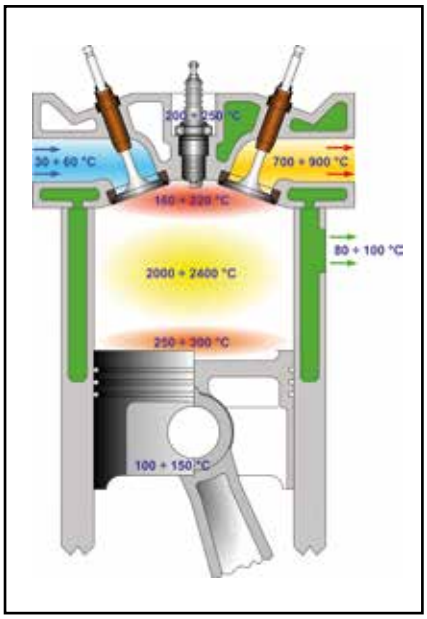
The particular mechanical structure of the motor is able to transform the energy released by the combustion into mechanical energy for the vehicle (or for other purposes if for example the engine is an engine for industrial applications).

The temperatures generated inside the combustion chamber are extremely high, and this heat must somehow be removed, if not the first result would be an overheating engine, and shortly thereafter its meltdown.

In order to remove the heat generated during combustion, all around the cylinder and inside the cylinder head there are a large number of channels in which the engine coolant flows *(image 1.1)*.

The liquid absorbs heat from the walls of the ducts warming up and as it flows it transfer this heat to the surrounding environment through the radiator.

There are two main reasons for engines to be liquid-cooled: increasingly elevated power density, increasingly higher operating temperatures.

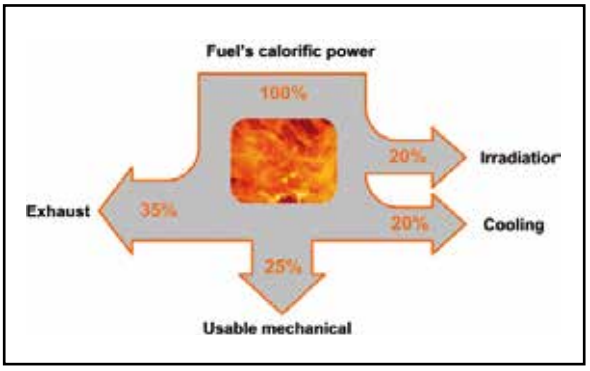


1.1 Temperatures in the various areas of the engine

These two factors have, for some time, been the main reasons for engine manufacturers moving towards solutions with liquid cooling systems, even those manufacturers who historically had initially made different choices. Cooling engines by means of a liquid makes them more compact (without the bulky cooling fins that are typical of air-cooled engines) and capable of operating at higher temperatures, improving overall efficiency.

The heat generated by fuel combustion in the combustion chamber goes to the surrounding environment by following different routes: in the exhaust fumes, by radiation and conduction to the environment surrounding the motor itself, and finally through the engine’s cooling circuit *(image 1.2)*.

Monitoring the temperature of the engine is important, the proper functioning thereof depends on maintaining the correct temperature; temperatures that are too high firstly compromise lubrication and then the engine materials themselves, while temperatures that are too low make the engine work with excessive friction and incorrect combustion.



1.2 Internal combustion engine efficiency

The task of the engine cooling circuit is therefore to keep the temperature of the engine under control, handling the thermal transient and the disposal of heat produced inside the engine during operation.

The first cooling systems did not even have a water pump for forced circulation, but the wide section of the pipes, combined with a great vertical development of the radiator, was enough to generate a natural flow of water by exploiting the difference in density at different temperatures *(image 1.3)*.

1.3 Old engine without water pump

This was possible because the engines of the past had a very low power density and the volume inside the engine hood was extremely wide.

Things changed rapidly with the passing of time, the design of the cars, the engines themselves, the space available, are drastically different from those of the past.

The cooling circuits of modern engines therefore have had to adapt becoming more compact, more efficient and above all they must operate with coolant circulation guaranteed by the presence of a water pump *(image 1.4)*.

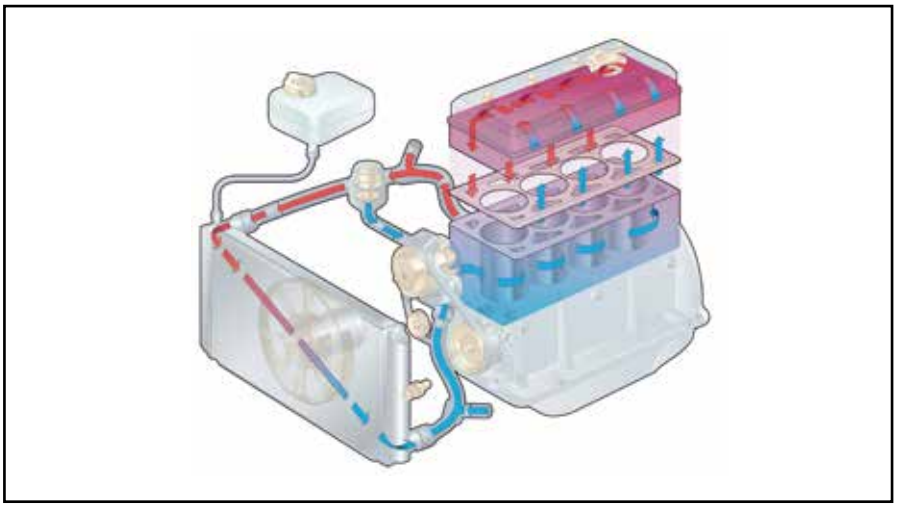
The cooling circuits of modern engines are now real subsystems (with a certain degree of complexity); main component of the circuit is the water pump that has to guarantee the circulation of coolant throughout the whole circuit.

Since the engines improve their overall performance especially when operating at higher and higher temperatures, many circuits are pressurized.

This means that they can work at higher temperatures without the cooling liquid coming to a boil.

Pressurized circuits mean smaller radiators, better performance of the engine, but also higher temperatures; the materials of the entire circuit must be carefully chosen to withstand the high temperatures of the pressurized circuit.

Provided with one or more radiators, with secondary circuits for heating the passenger compartment and in some cases also equipped with a circuit for the cooling of the turbine, the cooling circuits have the water pump at their centre.

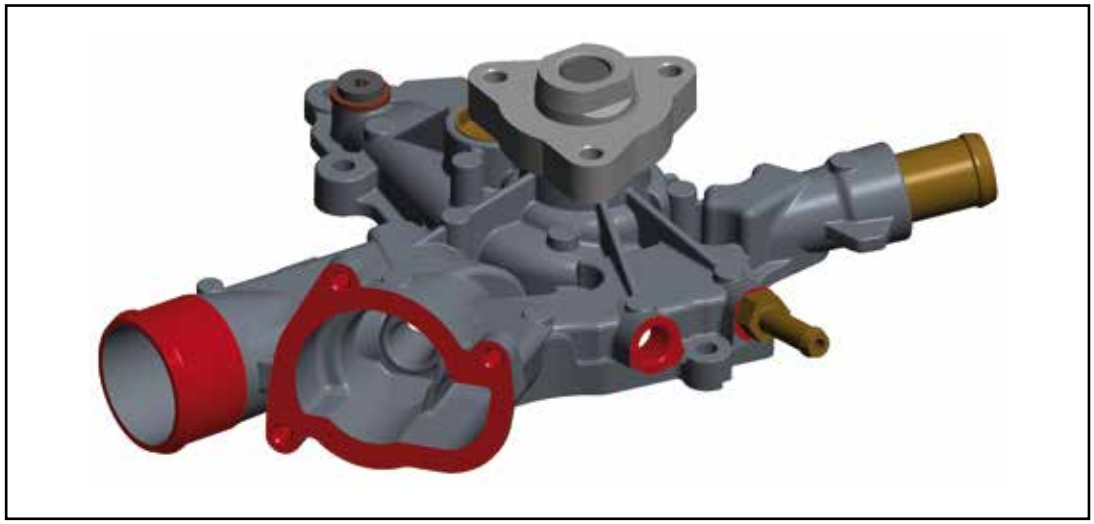


1.4 Modern cooling system scheme

Operation of a water pump

Although in recent years, water pumps have undergone major changes related to changes in the engines onto which they are mounted, the vast majority of the water pumps have maintained a "classical" structure, where design rules have not undergone drastic changes.

There is always a mechanical drive, which is necessary to draw in rotation the shaft of the inner bearing to which the impeller is connected, which is the component that transfers mechanical power from the engine to the fluid. The highly specialized components such as mechanical seal and the bearing are now highly industrialized, made with high performance materials that have evolved over time to last longer and longer while withstanding higher and higher temperatures.



2.1 Water Pump with integrated thermostat housing

It is thanks to the action of the impeller that the coolant is able to overcome the resistance of the cooling circuit (usually very tortuous), flow and therefore be able to transfer heat from the engine to the radiator, which in turn transfers it to the external environment *(image 2.1)*.

Built in this way the water pump works from the first moment when we start the engine even when there is no real need to circulate the fluid. The only element that is able to ensure that no water passes through the radiator is the thermostat, whose housing can be located in the same body as the water pump *(image 2.2)*.

Due to its construction technology, the thermostat is made in order to open the flow of the coolant towards the radiator only after it has reached a specific temperature; this prevents the coolant from being cooled when in fact it is not still necessary (for example, when the engine is still cold).

Taking power from the engine belt, or by other similar mechanisms, the water pump has the number of revolutions which is directly related to the number of engine revolutions; this also means that the water pump works from the moment the engine starts even though it is cold, that is the reason for the presence of the thermostat.

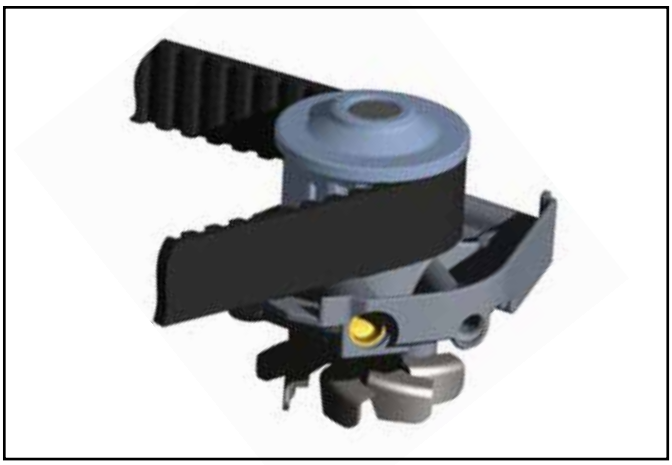
2.2 Modern thermostat

Power take-offs

The drive of the water pump is mechanical; this means that the pump absorbs torque from the engine to rotate the impeller which circulates the coolant, in what way? In most cases, the pump has a pulley which is driven by a toothed belt, it is generally the same belt that moves the camshafts of the engine *(image 3.1)*.

In some cases, for reasons related to the route of the belt, the water pump has a pulley without gear teeth, because the motion is transmitted only by friction with the back of the belt *(image 3.2)*.

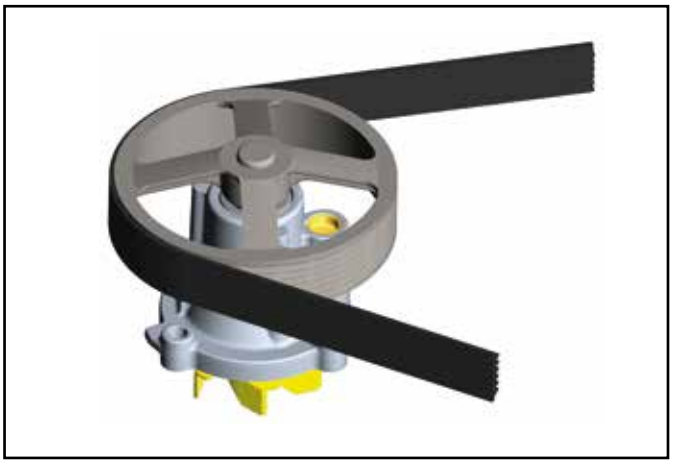
The use of the timing belt is not the only case in which the water pump receives power from the belt indeed there are



3.1 Water pump with drive on engine belt teeth

3.2 Water pump with drive on the back of the engine belt

a large amount of engines that, due to the layout of the various auxiliaries have a belt dedicated exclusively to all these services such as the oil pump, the power steering pump, the high pressure oil pump, the air conditioner compressor, and of course also the water pump.
In these cases the belts used to provide the power to services is of type Poly-V; quieter and easier to use than the toothed belt, is capable of ensuring a smooth operation at all speeds of rotation *(image 3.3)*.
As design was now been abandoned the classical V-belt typical engine of a certain age whose performance has been widely surpassed by Poly-V belt.
The many different design choices that characterize modern engines are also reflected in the water pumps, so much so that the solutions to power a water pump are not limited only to the engine belt (or to the poly-V belt when the camshafts are driven by chain). There are indeed a series of variants in which there is an actual mechanical coupling that uses shafts with splined profiles *(image 3.4)*.
The solutions that are actually used can be many (gears, drives the camshaft chain, etc.), but these are found in very few cases: engines of a certain size like those used for industrial applications (generators, etc..) or engines for industrial vehicles.



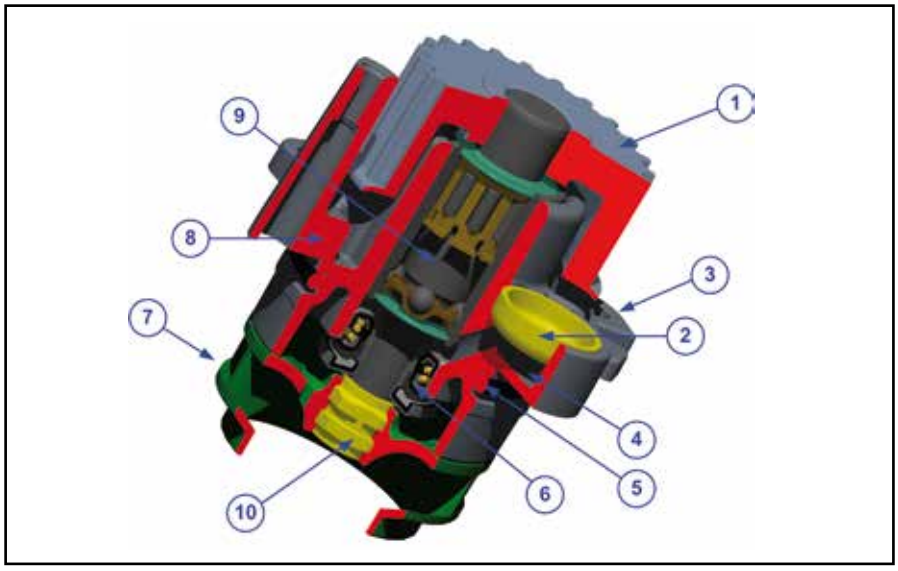
3.3 Water pump with a Poly-V power take off

3.4 Water pump with drive by splined shaft

Section of a water pump: main components

Every water pump, however different it may seem, when reduced to minimal terms can be equated to a small number of principal components that perform the same function *(image 4.1)*:

1. Toothed pulley for coupling to the engine belt and transmit motion
2. Cap of the tank that collects small leaks from mechanical seals, which are physiological
3. Hole, in the pump body, for one of the fastening screws to the engine
4. Tank to collect coolant leaks from the mechanical seal
5. O-ring seal in the assembly location of the water pump
6. Mechanical seal
7. Impeller, in this case made of techno-polymer, of the type with closed spaces
8. Main housing of the water pump, in this case made of die-cast aluminum
9. Integral bearing, in this case, roller-ball
10. Metal insert co-molded into the impeller



4.1 Section of a water pump and its components

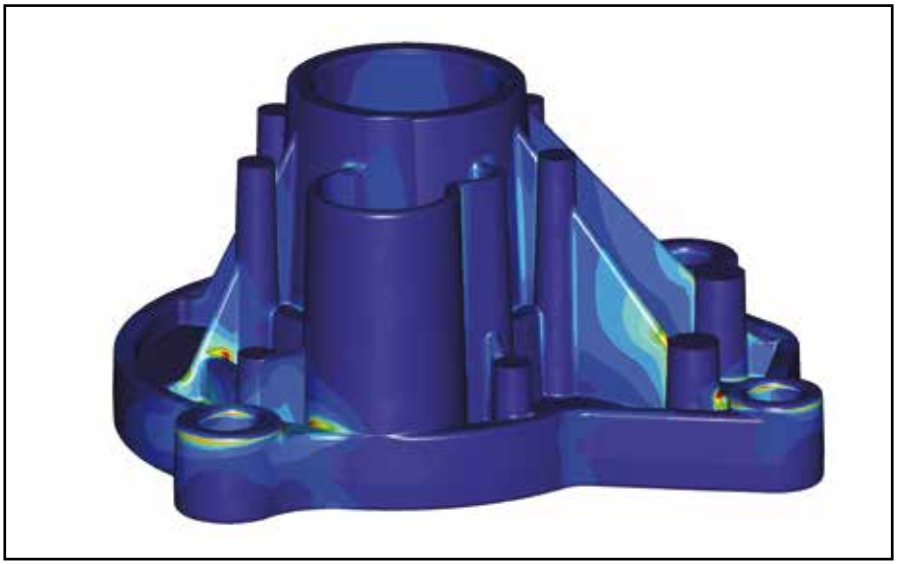
Water pump design

The factors which contribute to literally give shape to a water pump are many: performance, reliability, durability, combined with the highest overall quality levels are the characteristics we seek in the development of all our products.

The geometry of the pump housing is the result not only of technical considerations, related to the stress to which the body itself is subjected, but also the result of the morphology of the entire cooling circuit.

Often the water pump is in the meeting point of the "secondary" coolant circulation circuits such as passenger compartment heating, cooling turbine, etc..

Inserted in the majority of cases in a space directly in the engine block, the water pumps have to operate in a difficult environment; high temperatures of the coolant and the air under the hood, together with the continuous vibration of the engine, is the usual work environment for a water pump.



5.1 Structural analysis of water pump housing

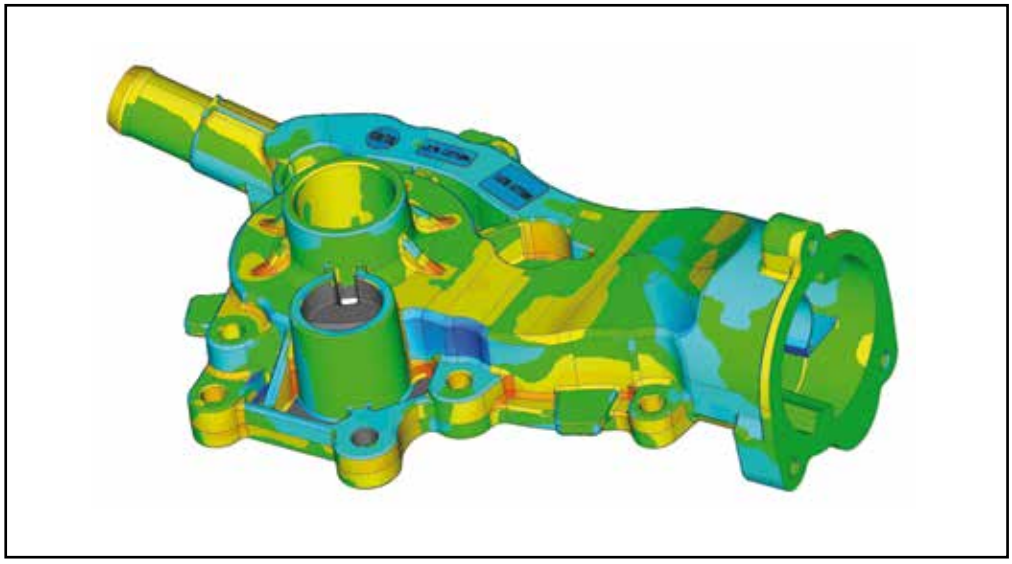
All this is reflected in a design process tailored to each specific reference. Every water pump is developed according to common design criteria refined during a business experience that has now reached half a century.

Finite element analysis is performed to ensure that water pumps, subjected to the worst combination of conditions, are still able to withstand the stresses while maintaining a further adequate safety margin *(image 5.1)*.

Often a number of additional rotating masses are assembled on the water pump (viscous coupling units, fans, etc.); these masses may constitute an additional burden on the operating conditions of the pump (when these masses become eccentric).

This is a further aspect that must be taken into account when sizing; the presence of rotating masses, which can give rise to additional stress, is a source of considerable increase of the forces acting on the pump housing, added to those already present.

The strict observance of the size limitations of the project is another crucial aspect, a complete optical inspection conducted in 3 dimensions ensures that the geometry is consistent with the requirements in the design *(image 5.2)*.

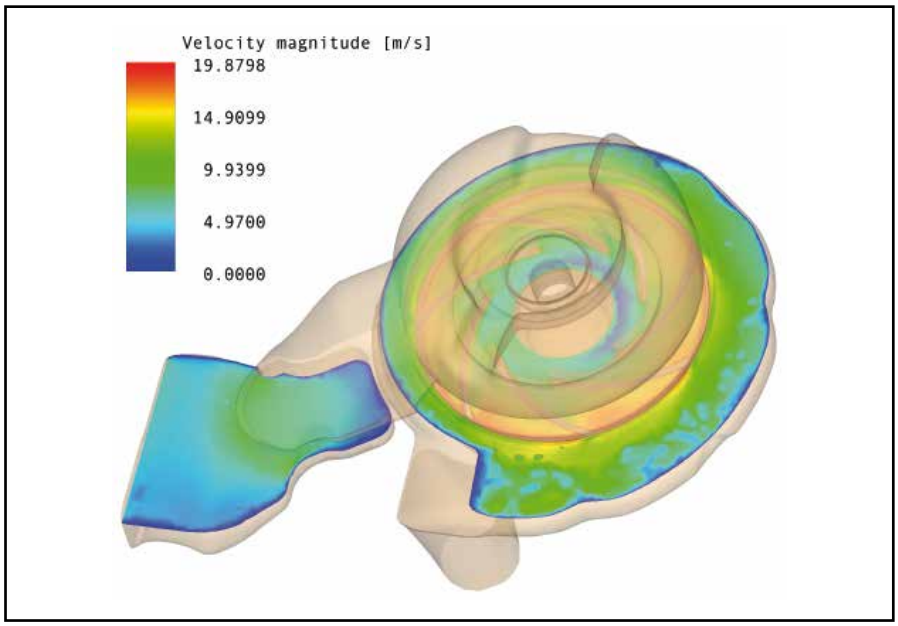


5.2 3D dimensional control water pump housing

Testing to ensure performance of the water pump

The main function of a water pump is to ensure the circulation of the coolant in each part of the circuit; this results in the fact that the pump must be capable of giving sufficient energy to the fluid to circulate inside all the pipes of the circuit. The water pumps have a rotation speed which is closely tied to the number of the engine revolutions, therefore variable, which means that the water pump must provide the adequate coolant pressure and delivery in every operating condition.

To achieve this the component that is primarily responsible is the impeller which, by absorbing mechanical energy from the shaft of the bearing, transfers it to the coolant in terms of kinetic energy.



6.1 Fluid dynamics analysis of a water pump

The design of the impeller and the volute (when this is part of the water pump) is closely connected to the resulting fluid dynamic performance.

These performances are predetermined by our computational procedures; subsequently a 3D model of the impeller is created, sized accordingly and all the geometry in contact with the fluid (volute, ecc.); the latter is then verified by simulation programs.

Fluid dynamic analyses are carried out in order to validate the calculated geometry of the impeller and to have a performance prediction of the water pump in any condition considered to be significant for the project, including verification of the absence of the cavitation phenomenon in the worst working conditions *(image 6.1)*.

Once the calculations and simulations have given indications on the quality

6.2 Water pump prototype with components made of resin

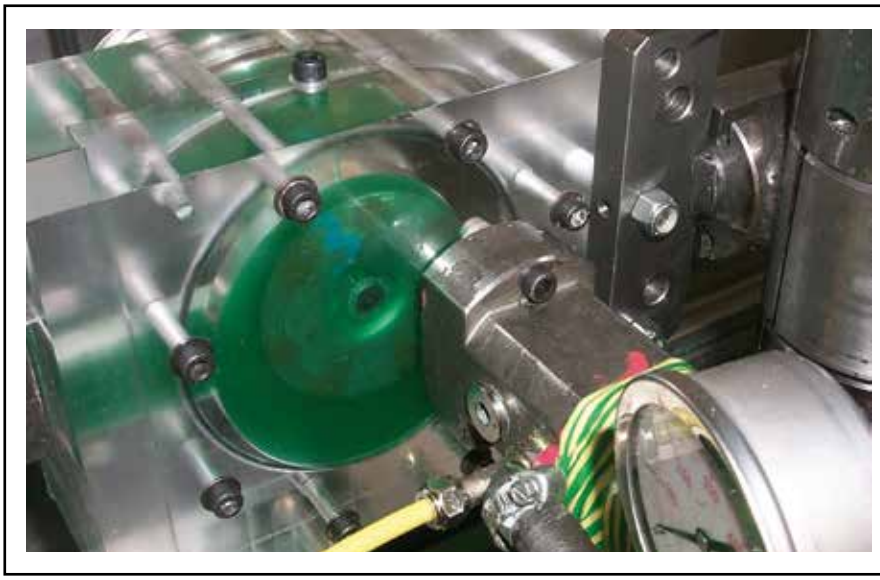
of the geometry, the whole is physically realized by means of rapid prototyping techniques, which allow obtaining the physical components in a special resin, starting directly from the 3D CAD model without the need for any of the traditional production tooling *(image 6.2)*.

For each water pump intended for a performance test, special tooling is developed, based upon fluid dynamics calculations, whose purpose is to allow the impeller to operate in the correct conditions, only in this way the tests performed give reliable results *(image 6.3)*.

The ability of being able to verify the occurrence or absence of certain particular phenomena is extremely important, for this reason the test fixtures reproduce, in an extremely accurate way, the working conditions that the pump will meet once assembled in the engine *(image 6.4)*.

Real tests, carried out under strictly controlled conditions on our test benches, all undertaken directly according to our specifications, provide the evidence of the ultimate

6.3 Flow rate test fixture

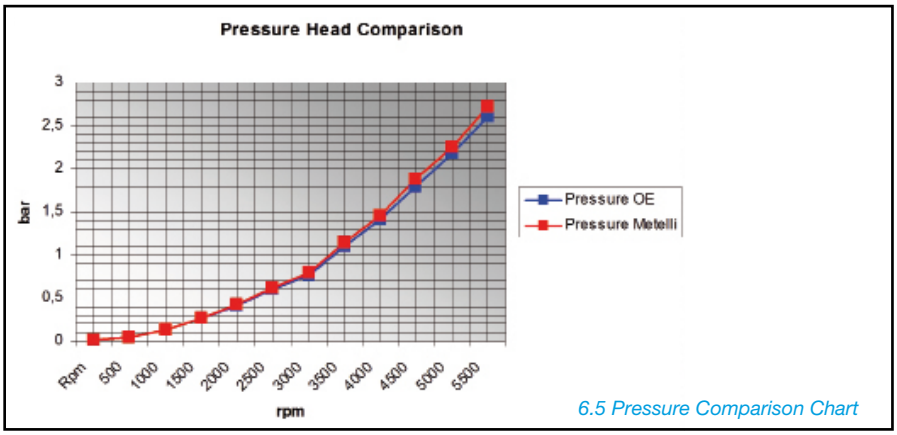


6.4 Transparent test tool

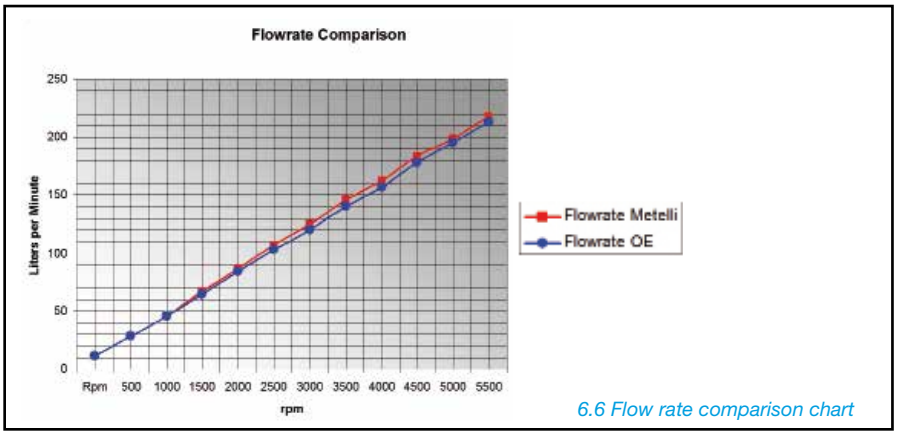
success of the entire design process. This assures us of the actual achievement of the hydraulic performance of our products in every possible condition of use *(image 6.5)*.

The ability to validate and properly test the products is essential.

Thanks to our long corporate history, we have the in-house capability to perform an extensive set of tests at every level in order to fully characterize the hydraulic performance (and not only) of our products *(image 6.6)*.



6.5 Pressure Comparison Chart



6.6 Flow rate comparison chart

The coolants

In the cooling circuit of the engine not only water is circulated! What is commonly called coolant is a mixture, in varying percentages (generally however is 50% -50%), of water and a substance composed mainly, but not only, of ethylene glycol.

The reasons for this particular mixture are multiple:

- Raising the boiling point beyond the normal threshold of 100 ° C at atmospheric pressure (in fact, pure ethylene glycol boils at about 200°C).

- Lowering of the freezing point well below the temperature at which pure water normally freezes (modern antifreeze fluids lower the freezing point to temperatures of -30°C and below).

7.1 Impeller completely corroded due to incorrect fluid

- Increasing the specific heat of the liquid which allows, with the same rise in temperature of the fluid, to remove a greater amount of heat.

- Inhibition of the corrosion processes that can be activated within the engine.

7.2 Two different coolants

While on one side the ethylene glycol can influence a change in the boiling point, freezing and the capacity of the fluid to remove heat, the protection of cooling circuits from corrosion deserves a separate mention.

In the engine, and more generally in the entire cooling circuit, there are a wide variety of metals, each of these has its own chemical characteristics and, brought into contact with each other, can

trigger corrosion phenomena *(image 7.1)*.
The presence in the cooling circuit of a liquid that can contain chemical elements which favor this phenomenon leads to a rapid degradation of some components of the circuit itself (eg, head gasket, radiator) with consequent problems of different nature.
To avoid the onset of galvanic corrosion, modern coolants have special substances which act as oxidation inhibitors.
The presence of these substances gives coolants many properties that are useful to the motor (corrosion inhibitors, inhibitors of the deposit of incrustations, antifoaming properties, etc.) and are also the reason for which all liquids have their own particular color *(image 7.2)*.
A mixture of water and ethylene glycol, would in itself be perfectly transparent, but these are colored by different producers because the presence of several inhibitory agents, makes these fluids not always suitable to be used together.
The reason for this lies in the so-called bases of the inhibitors, which can be of three different types: organic, inorganic and mixed; these bases are chemically incompatible with each other and therefore, although the function of protection of the motor is the same, a liquid refrigerant must be used in the cooling circuit that is produced with the same type of base as the antioxidant agent.
The liquids, from the point of view of inhibitor additives they contain, can be divided into three main groups:

- IAT= Inorganic Additive Technology (with inorganic additives)
- OAT= Organic Acid Technology (with additives in organic acid)
- HOAT= Hybrid Organic Acid Technology (with hybrid additives)

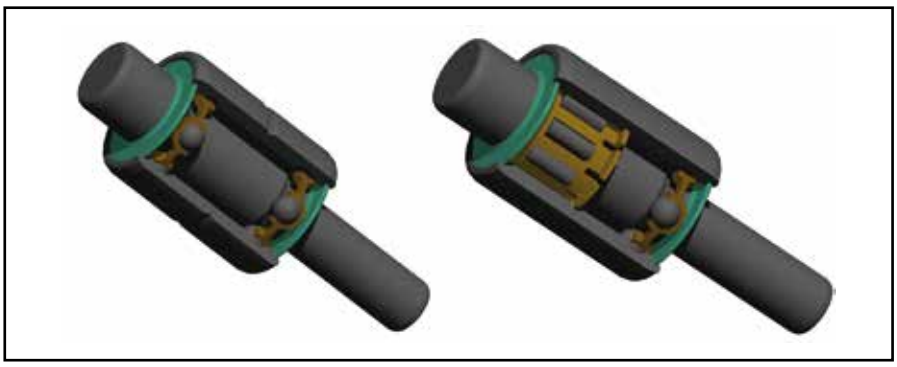
The colour given to the different types of liquids serves precisely to avoid mixing liquids not compatible with each other which would lead to the formation of substances derived from chemical reactions and the effect of antioxidants and corrosion inhibitors would be annulled.
It must be underlined that every coolant manufacturer has adopted his own colour criteria, meaning that fluids of the same color are compatible only when they are from the same manufacturer!

Focus on main components

Each component in a water pump must perform a specific task and should therefore have characteristics according to clear requirements. Although the water pump, like any other mechanical member, is subject to normal wear, the use of high quality components, combined with a production process always under strict control, ensures a high degree of reliability and a long life product.
Before introducing a new component, our technicians perform selective homologation tests in order to ensure that the component's performance is in line with expectations, only after a successful result the component becomes part of the details that designers can use in our product.

Bearings

The bearings are directly responsible to withstand the loads coming from the belt tension. Created as a branch of the classical bearings in common use, water pump bearings have been designed on specific dimensions, and are made to last as long as the expected life of the water pump, without being subject to any maintenance.
Manufactured already containing the right amount of long-life grease and the rolling elements protected by sealing rings against both grease losses and the infiltration of water and dirt, modern

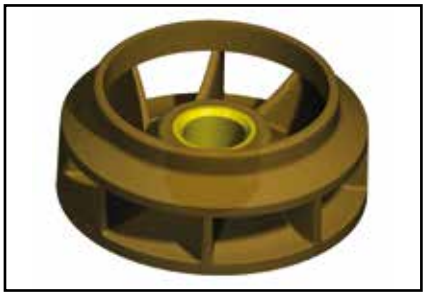


8.1 Ball-ball and roller-ball bearing

water pump bearings, once mounted in the water pump, do not require any maintenance.
They are assembled by interference in the housing and the accurate control of tolerances of the coupling, together with the real-time monitoring of the assembling forces, ensure an optimal fit with the proper maintenance of the radial clearance of the bearing *(image 8.1)*.
Made according to two main types of construction, they differ in the entity of load they can withstand.
The bearings designed to withstand higher loads, have in fact one of the two crowns of rolling elements consisting of rollers instead of the normal spheres; this allows increasing the contact surface between the rolling elements (the rollers) and the other parts of the bearing and therefore increasing the forces that the bearing is able to withstand.

Impellers

The impellers are the components that actually ensure the hydraulic performance of a water pump; they are specifically designed and manufactured to ensure adequate pressure and delivery to the engine where the pump must go.



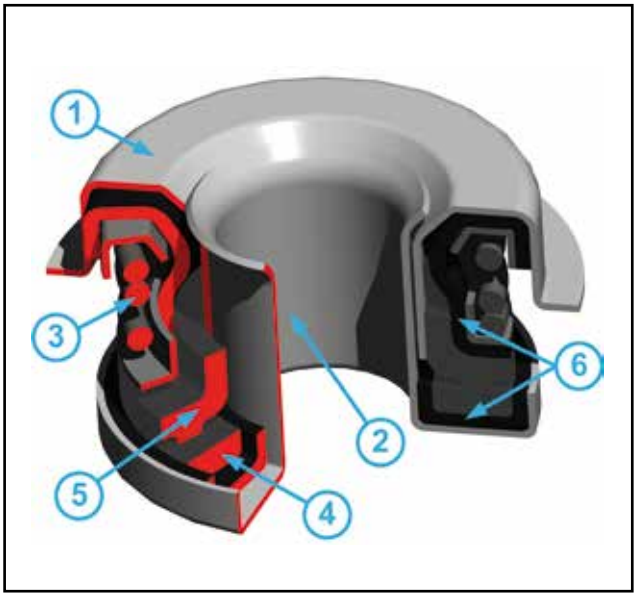
8.2 3D model of a water pump impeller

8.3 Impellers manufactured in different ways

The geometry of each impeller is the result of precise calculations, it is CAD designed in the smallest detail and the performance is verified on our test benches *(image 8.2)*.
Made with technologies ranging from sheet metal (including stainless steel) punched and drawn, to die-cast brass, cast iron and even the most modern engineering plastics, the impellers are produced with technology considered to be the most suitable in order to obtain a component that offers the best performance possible, without ever compromising reliability *(image 8.3)*.
Such technical freedom, derived from an experience achieved in half a century, allows us to have great freedom of choice by identifying the most suitable manufacturing process in order to obtain the project geometry.

Mechanical seals

The modern mechanical seal is a highly industrialized component, compact and built entirely with top quality materials, it is the component that ensures no leakages from the water pump.
Regardless of the technical solutions of details, the components that constitute the mechanical seal are almost always the same *(image 8.4)*.



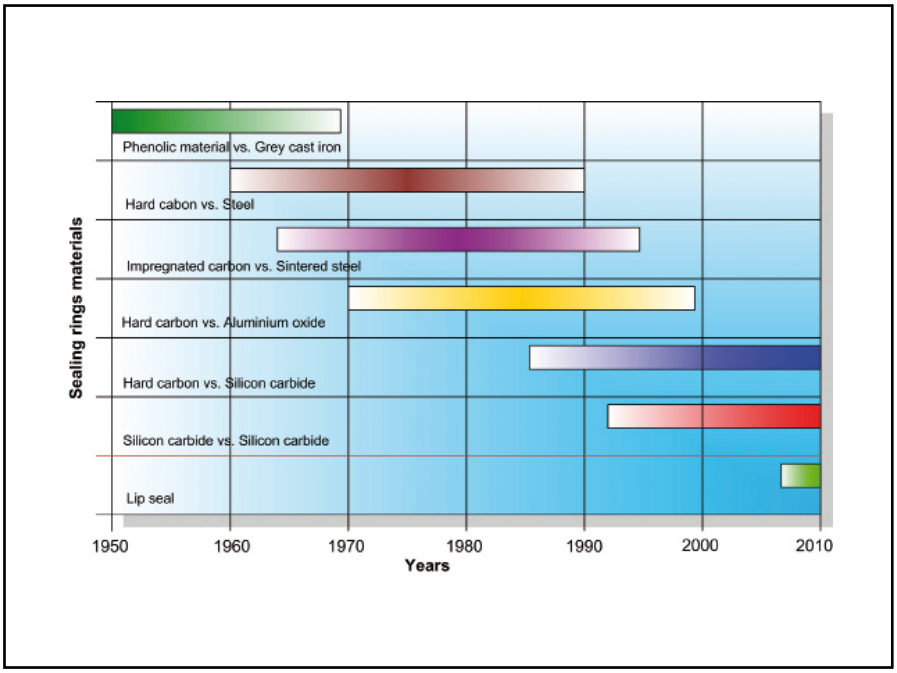
1. Stationary part
2. Rotating part
3. Helical spring
4. Slip ring
5. Counterface
6. Bellows

8.4 Section of a typical mechanical seal

It can have an apparently different shape, but the principle on which it is based is always the same. The development which it has been subjected to over the years, have led this to be more compact and have a greater duration; nowadays the mechanical seal is able to perform continuously even for many thousands of kilometers *(image 8.5)*.

Extremely hard materials such as silicon carbide, which until a few years ago were considered "esoteric", are nowadays considered as being normal in the manufacture of slip rings for all high quality modern mechanical seals; this thanks to continuous efforts in the development of the materials of these components *(image 8.6)*.

8.5 Some mechanical seals types



8.6 History of the materials of the rings used in mechanical seals

Hubs and pulleys

The pulleys, which receive the mechanical power from the belt or in rare cases from the chain, are the components which actually keep the bearing shaft and consequently the impeller, in rotation.

The hubs perform the same function, they are used when, for design reasons, the overall dimensions of the pulley are greater than the area in which there are fixing holes of the water pump in its seat; from the functional point of view they are considerable on a par.

Mounted by interference on the upper part of the bearing shaft, they must be properly secured to withstand the stresses that come from the engine belt *(image 8.7)*.

The external geometry of the pulleys is according to strict tolerances; only this way is it possible to guarantee the perfect coupling between the pulley and belt; this results in a vibration and noise-free operation and a belt life in line with the highest standards.

8.7 Hubs and pulleys for the water pump

Pump housings

The main housing of the water pump, made in the great majority of cases in aluminum alloy, must simultaneously fulfill several duties.

- It must be able to withstand all the mechanical stresses.
- Casting must be perfectly airtight because the housing is an integral part of the cooling circuit.
- It must be correctly coupled with the interface on the engine base and must ensure a perfect seal of the fluid.
- It must hold the bearing and the mechanical seal properly with the correct tolerances.

8.8 3D model of a water pump housing

It is without doubt the component that requires the greatest amount of skill in its development, because each pump is literally a case on its own *(image 8.8)*.

Precautions and instructions for proper installation

The operations for installing a water pump in replacement to one at the end of its life, must be performed carefully, taking care to execute everything in the best possible way and not forgetting to do all the necessary checks in relation to components also directly related to the water pump.

1. Always work in conditions of safety and respecting the environment.

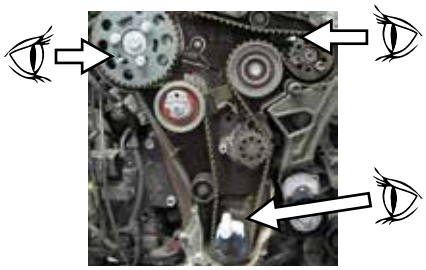
2. Allow the work area to be accessible, if necessary remove the pieces in order to allow the correct access to the water pump area.

3. Keep strictly to any instructions from the manufacturer for the assembly of the water pump.

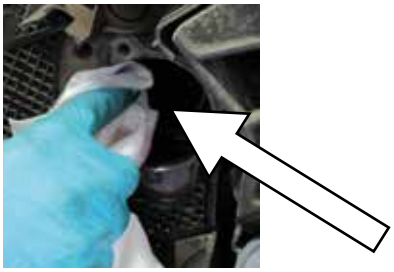
4. The cooling circuit must be drained **completely, carefully cleaned and rinsed**; particles present in the circuit ruin the faces of the sealing rings, jeopardizing the functioning in a short time.

5. The coolant should be entirely replaced with a **new coolant, which will fully meet the characteristics required by the manufacturer.**

6. If the water pump is part of the distribution circuit, the first operation is **blocking the motor phase using any special tools devised by the manufacturer.**

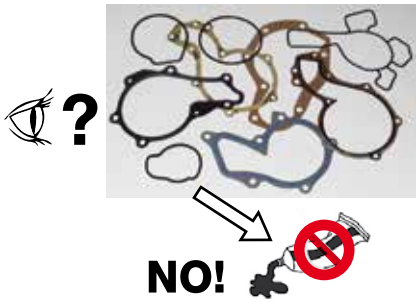


7. Once the pump has been removed, **the surface of the crankcase must be cleaned very well** from any residues of sealant and gasket pieces that have remained glued, so that the metal surface is perfectly clean, degreased and dried.

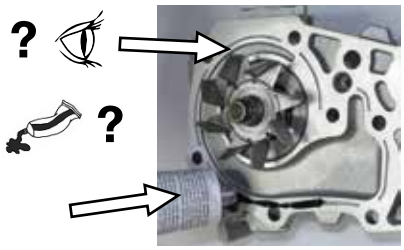


8. Before doing anything else check that the replacement water pump is interchangeable with the new one.

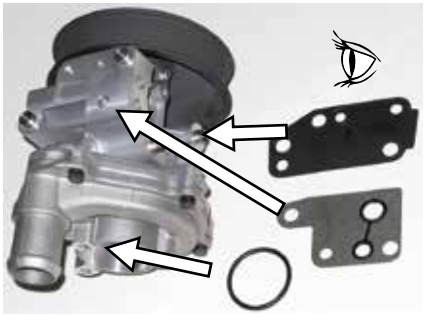
9. If the pump has a gasket, metal or other type, the sealing paste should not be used; the gasket supplied with the pump is adequate to ensure a perfect seal, make sure the mounting surface on the crankcase is perfectly clean.



10. In the case in which the pump is intended for an installation with sealing paste, always take care to use the correct amount only on the water pump surface **without using too much**; excess paste in fact often ends up in the mechanical seal causing leakages.



11. Each seal that has been removed should be replaced with a new one, never reuse gaskets used even if they seem in good condition.

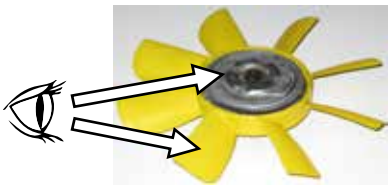


12. The mounting screws should be tightened crosswise and, before tightening them completely, **you must ensure that the pump is centered correctly and can rotate freely in its housing.**

13. Strictly observe the tightening torque of the screws indicated by the manufacturer.

14. Always wait for about 1 hour with the cooling circuit empty to allow the sealant that is inside the volute to polymerize properly.

15. Check the good condition of any joint (viscous and other) **mounted on the water pump and relative fans;** when viscous joints with unusual clearances or bent fans or fans missing even only parts of a blade are found, replace them.

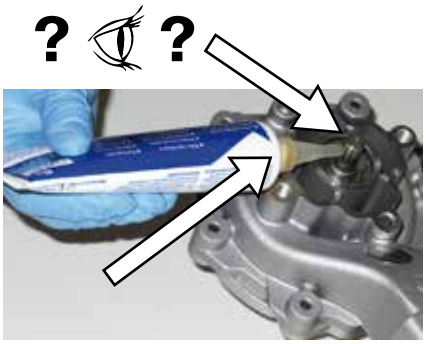


16. The hose clamps that have been removed should be checked and if necessary replaced with new clamps.

17. Concurrently with the water pump replacement, in addition to the belt, all components within the belt system must also be replaced (pulleys, rollers and / or cylinder tensioners and other parts related to the system).

18. Place the belt correctly following the manufacturer's instructions, especially when this concerns the timing belt, if special tools are required, use them.

19. Some water pumps have gears and spline shafts as drives; ensure the good condition of the gear teeth and splines and have the foresight to put a small amount of specific grease on the groove before insertion into the housing.



20. Check the condition and the proper operation of the thermostat.

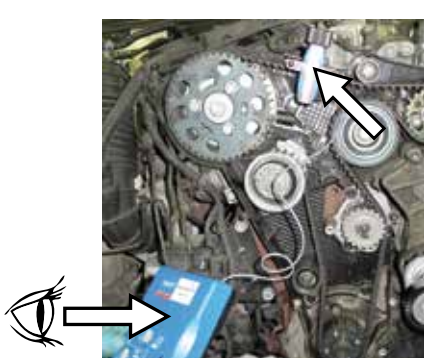
21. Check the operation of temperature probes.

22. Check the good condition of the cap of the expansion tank; it should not be clogged by various incrustations.

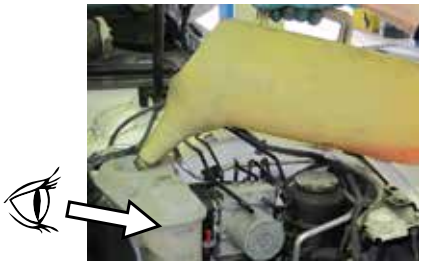
23. Cam Shafts must be locked before disassembling the timing belt otherwise it's needed to **restore the correct engine timing by carefully following the tasks recommended by the manufacturer.**

24. Tighten the belt respecting the value recommended by the manufacturer; avoid excessive tension, allow the engine to run manually and check that the position of the belt is stable; restore the correct tension if necessary.

25. To check belt tension **use the appropriate instruments** that are able to provide reliable data on the tension value applied.



26. Once the pump has been installed and the circuit re-sealed, ensure its first filling with a **liquid coolant in compliance with the recommendations from the manufacturer.**



27. Start the engine and leave it to idle, turn on the heating in the compartment and continue to refill the coolant from the highest point of the circuit (generally the expansion tank) until the level does not drop any more, wait for the opening of the thermostat so as to properly fill also the radiator.

28. Be sure to leave as little air as possible in the circuit before starting the engine; dry operation even for a few seconds of the water pump can ruin the mechanical seal, causing a subsequent noisy functioning and/or loss of liquid.

The most common damage to a water pump: causes and analysis

A preparation on the engine in the area that is intended to accommodate the water pump, together with the state-of-the-art execution of assembly operations, are the basic steps so that the pump, once in operation, behaves as expected.

Avoid making a series of common errors related to installation operations undertaken incorrectly, this leads to trivial but annoying drawbacks, such as.

Non suitable coolants

The use of unsuitable cooling liquids can not only create problems to the engine from a thermal point of view, but even worse, does not protect from corrosion that can arise in the entire circuit. This is due to a corrosion of the circuit metals, according to their chemical aptitude; the result is a rapid degradation of all the surfaces of the cooling circuit.

The use of unsuitable coolants, polluted or contaminated by particles, in addition to corrosion, leads to the limited duration of the mechanical seal.

Leaks of liquid accumulate close to the bearing, often causing the leakage of grease and the consequent bearing failure *(images 10.1 and 10.2)*.

10.1 Rusted components due to unsuitable coolants

10.2 Mechanical seals damaged by unsuitable coolants

Air bubbles remaining in the circuit

It is very important to completely eliminate air bubbles from the cooling circuit. Residual air bubbles that cannot end up in the upper expansion tank make the circuit, at best, work with reduced section; the presence of air bubbles that are not removed can compromise the correct operation of the water pump *(image 10.3)*.

10.3 Sign of operation with air trapped inside

Overheating

When air occurs in substantial amounts in the circuit, the mechanical seal works dry; this has as the initial effect of mirror-polishing the surfaces of the sealing rings causing subsequent leakages, and if the phenomenon lasts in time the heat developed is such as to melt the rubber parts of the mechanical seal and also leave a trace of the heat on the pump housing itself *(image 10.4)*.

Unbalanced viscous coupling unit

It is important to make sure that the viscous coupling unit is in good condition before reassembling it on the water pump. A viscous coupling unit with a damaged bearing rotates unbalanced and therefore represents

10.4 Surfaces with signs of overheating

10.5 Damaged viscous coupling unit

a high stress that is added to the belt tension. This easily leads to water pump bearing failure *(image 10.5)*.
In the cases of more serious imbalance, the stresses reach values so high as to cause even the breakage of the pump housing *(image 10.6)*.

Replacement of other components of the drawing system

The great majority of water pumps are driven by a belt, distribution or service. The first thing to do is a careful inspection of the belt, if it shows signs of wear or aging of the material (cracks in the rubber, shiny surfaces, etc..), must certainly be changed. When replacing the water pump it is always preferable to replace the pulleys and idlers also, as when they malfunction they are often the cause of water pump bearing failure as a result of an overload in the belt tension *(image 10.7)*.

10.6 Complete failure of the pump casing due to unbalanced masses

10.7 Idler and tensioner pulleys

Bearing overload

The belt tension with load values beyond those recommended is due to working conditions of the bearing being particularly severe. The result is a life of the component that is extremely reduced and in some cases it leads to a complete failure thereof *(images 10.8 and 10.9)*.

10.8 Bearing shaft damaged by excessive load

10.9 Bearing components damaged due to overload

Improper use of sealing paste

The use of sealing paste, is expected on some references, and on these should be used in the correct way. Specific products should always be used, never generic or other sealants and it is equally important that they be used in the correct amounts. The use of improper sealants or worse still, used in excessive amount always causes problems, the accumulation of sealant residue that ends up in the mechanical

10.10 Improper use of sealing material

seal causes immediate leakages and there may be lumps of hardened sealant that end up in the pipes of the cooling circuit *(image 10.10)*.

If a water pump has been provided with a metal gasket, O-rings, or other, this solution is sufficient to guarantee the seal; sealing paste should not be applied, it would only jeopardize the operation of the gasket supplied with the part *(images 10.11 and 10.12)*.

10.11 Sealant paste incorrectly applied on metal gasket

10.12 Sealant paste Sealant paste incorrectly applied on O-rings

Improper installation

It is important that the water pump assembly operations in the housing are done properly, carefully following any special instructions attached.

An installation performed incorrectly can easily bring the water pump to work badly or even worse can damage some sensitive components such as seals, or in some cases even the water pump housing itself *(image 10.13)*.

10.13 Damage caused by incorrect installation

Assembly of components on the water pump

Some water pumps carry other components that must be installed after the water pump has been assembled on the engine. Correctly executing the assembly operations of these components is crucial; in particular it is extremely important to absolutely avoid hitting the bearing spindle, this would damage the sliding grooves of the bearing balls and in some cases could even break the shaft itself *(image 10.14)*.

10.14 bearing shaft broken due to incorrect assembly operations

Foreign objects in the circuit

Perform an accurate cleaning of the entire circuit when replacing the water pump. It is possible that there are foreign objects inside the housing space which, when they are moved by the coolant flow, can cause considerable problems.
When the impeller encounters a foreign object it is irreparably damaged, creating potential problems not only to all the cooling circuit, but it is possible that damage will occur even to the timing system *(image 10.15)*.

10.15 Impeller damaged by foreign object in the circuit

Trends

Never before in recent years there has been a process of innovation related to this component, whose design criteria have remained unchanged for decades.
The need to reduce fuel consumption and emissions, the need to reduce the weight of components, the longer life required from products, have led to changes in water pumps in many of its aspects and have spawned a whole new generation of water pumps, born with entirely new design concepts.

Materials

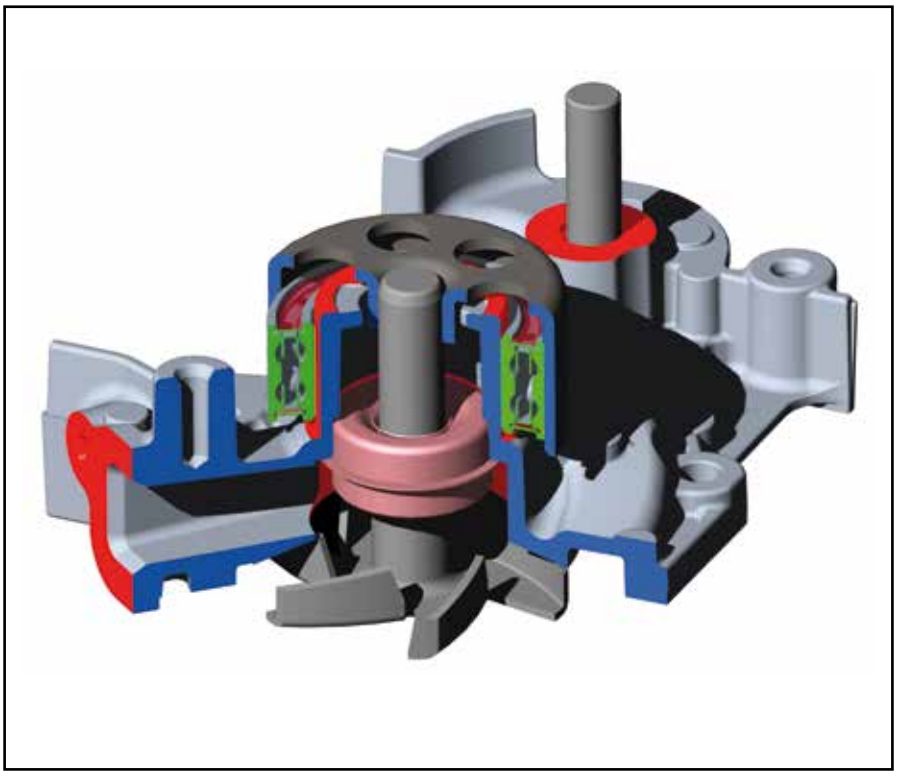
Besides the materials considered more “traditional” such as die-cast aluminum for pump housings, we are witnessing an increasing introduction of polymers. Materials similar to those now used in impellers have, in recent years have been increasingly used in the construction of the water pump housing *(image 11.1)*.

Characterized by a light weight, good dimensional stability and good chemical compatibility, the introduction of these materials in the water pump housing is still limited to a small number of references.

11.1 Pump housing made of thermosetting material

Bearings

Along with specific water pump bearings that the market has been used to seeing for many years, due to continued increases in power that the engines undergo during their life on the market, belts are more and more stressed and have led to the introduction of a new generation of bearings, more similar to the bearings we find in the air conditioner compressor pulleys *(image 11.2)*.
Unlike bearings assembled inside the pump housing, these bearings are to be mounted externally to the housing; this allows having a larger bearing which is able to withstand higher stresses and thus to guarantee a trouble-free operation also with those motors which during their development have seen considerable increases in the values of the belt tension.



11.2 3D Model of Water pump with bearing (green section) outside the housing

Mechanical seals

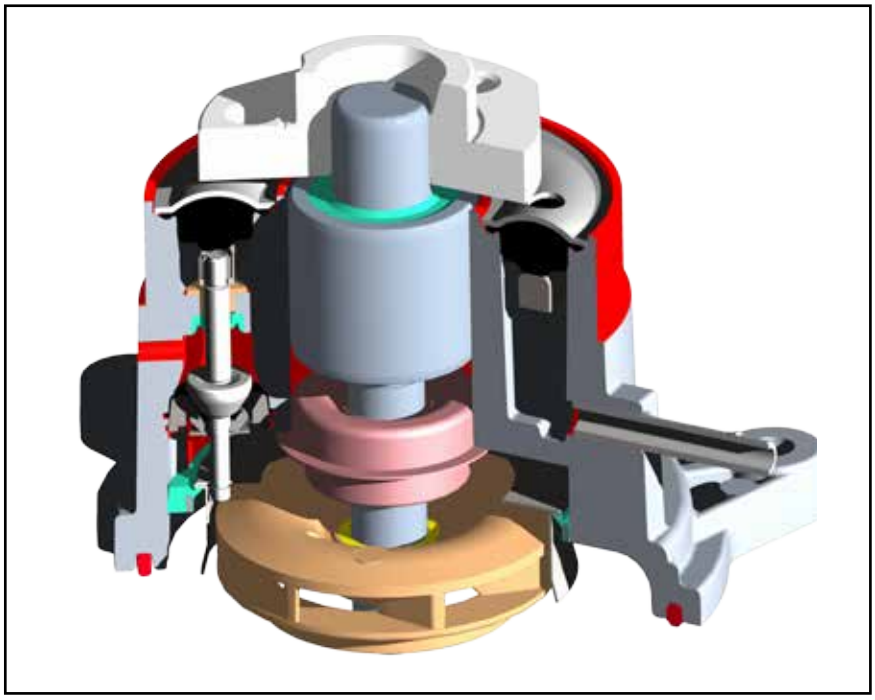
The monobloc mechanical seals have evolved steadily over the years in the geometry and materials employed especially in sealing rings; this progress has made them more compact and more durable at the same time.
Recently an entire generation of newly developed mechanical seals has made its appearance on the market *(image 11.3)*.
More similar to oil sealing rings than to the classic mechanical seals, this new generation of components has the seal along the bearing shaft surface.
Provided with an higher resistance to dry operation, and a lower resisting torque, these are seals that use innovative solutions and materials and due to their geometry their dimensions have been really reduced to the minimum.

11.3 Lip seal for water pump

Solutions

The development trends of today are bringing onto the market a wide range of newly designed water pumps, whose purpose is to meet the new needs of pumping efficiency and reduce engine emissions. Due to its natural characteristics, a traditional water pump is designed to dissipate heat from the engine when it is operating at maximum performance. This type of operation is, in the real condition of engine usage, not very common; for an automotive engine top performance is requested from the engine less than 10% of his entire life.

The solutions that the designers have developed to meet the need of having a water pump that is adequate for proper engine cooling, but more optimized to meet the multiple needs of a modern engine, are very different.



12.1 Section of the switchable water pump patented by Metelli

These solutions have led to a new generation of water pumps that are 'switchable'. This innovative model, even though it is still driven by the belt, allows the flow of water in the cooling circuit to be interrupted in different ways: by closing the pump lines, or by disconnecting the pulley and blocking the rotation of the impeller.

Metelli has optimized its product line, introducing an innovative, EU-patented solution – the most reliable on the market today.

This solution makes it possible to interrupt the flow of liquid in the cooling circuit thanks to a pneumatically activated gate valve.

The gate valve is actuated when a depression is created in the 'vacuum chamber' of the pump. The name of this chamber reflects the fact that the depression produced by the vacuum pump of the brake servo is used.

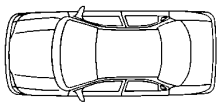
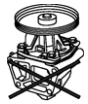
From the outside, the switchable water pump resembles an ordinary water pump with a slight enlargement in the area where the bearing is located. Here, in this enlarged area, is the entire mechanism responsible for actuating the gate valve around the impeller.

This mechanism is potentially harmful for the motor because it can interrupt the water flow in the cooling circuit. For this reason it was designed to be 'fail safe', that is to ensure the passage of fluid even if it malfunctions. One more way to guarantee the reliability of this innovative solution.

We are witnessing a true revolution in the way of designing a product that has remained fundamentally unchanged in 40 years.

These new approaches to the design of the water pump started to bring to the market a whole new generation of more sophisticated products, more efficient and with performances more in line with the requirements of modern engines.

	Abbreviazioni	Abbreviations	Abréviations	Zeichenerklärung	Abreviaturas
16v	16 Valvole	16 Valves	16 Soupapes	16 Ventile	16 Válvulas
AF	Ventilatore automatico	Automatic fan	Ventilateur automat.	Autom. Luefter	Ventilador autom.
Air	Con condizionatore	With air conditioning	Avec climatiseur	Mit Klimaanlage	Con aire acondicionado
A/T	Cambio automatico	Automatic transmission	Automatique	Schaltgetriebe	Cambio automático
BH	Coperchio	Back Housing	Carter	Gegengehäuse	Cárter
-Ch	Fino telaio N.	To chassis No.	Jusqu'au chassis N.	Bis Fahrgestell Nr.	Hasta bastidor
Ch-	Dal telaio N.	From chassis No.	Depuis chassis N.	Ab Fahrgestell Nr.	Desde bastidor N.
CM	Contagiri meccanico	Mecan.revol.counter	Compte tours méc.	Mech.Drehzahlm.	Cuenta revoluc. mee.
Dynamo	Con dinamo	With dynamo	Avec dynamo	Drehstrom-Lichtmasch.	Con dinamo
-Eng.	Fino a motore N.	To engine No.	Jusqu'au moteur N.	Bis Motor Nr.	Hasta motor N.
Eng.-	Dal motore N.	From engine No.	Depuis moteur N.	Ab Motor Nr.	Desde motor N.
-G.Box	Fino a cambio N.	To gear box No.	Jusqu'à boite vit. N.	Bis Getriebe Nr.	Hasta cambio N.
G.Box-	Dal cambio N.	From gear box No.	Depuis boite vit. N.	Ab Getriebe Nr.	Desde cambio N.
Impeller	Girante	Impeller	Turbine	Flügelrad	Rodete
Mod.	Modello	Model	Modèle	Model	Modelo
PS	Servosterzo	Power-steering	Direction assistée	Servolenkung	Servo dirección
Pulley	Puleggia	Pulley	Poulie	Riemenscheibe	Polea
RB	Cuscinetto rinforz.	Reinforced bearing	Roulement renforcé	Verstaerkt. Lager	Rodamiento renforzado
Teeth	Denti	Teeth	Dents	Zähne	Dientes
Thermo	Con termocontatto	With thermo contact	Avec thermo contact	Mit thermo Kontakt	Con termo contacto
T.T.	Tutti i tipi	All models	Tous les types	Alle Typen	Todos los tipos
-Vett.	Fino a produz. N.	To production No.	Jusqu'à production N.	Bis Produktion Nr.	Hasta producción N.
Vett.-	Da produz. N.	From production No.	Depuis production N.	Ab Produktion Nr.	Desde producción N.
w/	Con	With	Avec	Mit	Con

	Simbologia	**Symbols**	**Symbologie**	**Symbole**	**Simbologia**
	Marca e modello	Make and model	Marque et modèle	Marke und Modell	Marca y modelo
	Anno	Year	Année	Baujahr	Año
METELLI réf.	**METELLI ref.**	**METELLI part n°**	**Réf. METELLI**	**METELLI NR**	**Ref. METELLI**
	Ricambio	Repair kit	Nécessaire	Teilpumpe	Recambio
	Cinghia distribuzione	Timing belt system	Courroie de distri-bution	Steuerriemen	Correa de distribución
NOTE	Note	Note	Note	Noten	Notas
Ad. OE	Adattabile a OE	Adaptable to OE	Adaptable au OE	Passend zur OE	Adaptable al OE

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24-1071	24-1124	24-1142	24-1158	24-1175	24-1192	24-1238
24-1072	24-1125	24-1143	24-1159	24-1176	24-1195	24-1239
24-1107	24-1126	24-1144	24-1160	24-1177	24-1196	24-1247
24-1108	24-1127	24-1145	24-1161	24-1178	24-1197	24-1249
24-1109	24-1128	24-1147	24-1162	24-1179	24-1198	24-1257
24-1110	24-1129	24-1148	24-1163	24-1181	24-1199	30-0674-2
24-1111	24-1131	24-1149	24-1164	24-1182	24-1200	30-0738-1
24-1116	24-1132	24-1150	24-1167	24-1183	24-1202	30-0738-2
24-1117	24-1133	24-1151	24-1168	24-1184	24-1203	30-0829-1
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24-1119	24-1135	24-1153	24-1170	24-1186	24-1214	30-0983-1
24-1120	24-1136	24-1154	24-1171	24-1187	24-1216	
24-1121	24-1137	24-1155	24-1172	24-1189	24-1220	
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24-0008	24-0140	24-0237	24-0322	24-0384	24-0511	24-0581
24-0016	24-0154	24-0245	24-0326	24-0399	24-0515	24-0594
24-0017	24-0157	24-0263	24-0331	24-0400	24-0528	24-0602
24-0019	24-0158	24-0266	24-0332	24-0407	24-0530	24-0657
24-0020	24-0162	24-0269	24-0333	24-0413	24-0532	24-0678
24-0073	24-0163	24-0270	24-0336	24-0416	24-0533	24-0685
24-0074	24-0165	24-0276	24-0337	24-0435	24-0534	24-0686
24-0077	24-0174	24-0284	24-0341A	24-0452	24-0535	24-0716
24-0081	24-0191	24-0285	24-0345	24-0453	24-0538	24-0735
24-0085	24-0201	24-0292	24-0346	24-0456	24-0549	24-0744
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24-0098	24-0210	24-0295	24-0351	24-0486	24-0561A	24-0964
24-0115	24-0211	24-0302	24-0352	24-0492	24-0569A	24-0967
24-0118	24-0212	24-0308	24-0370	24-0496	24-0573	24-1042
24-0129	24-0213	24-0314	24-0374	24-0498	24-0574	24-1131

CODICI ANNULLATI - CANCELLED PART NUMBERS - REFERENCES ANNULES STORNIERTE SACHNUMMERN - CODIGO ANULADOS

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24-0076	24-0188	KIT107				
24-0128	24-0198	KIT126				

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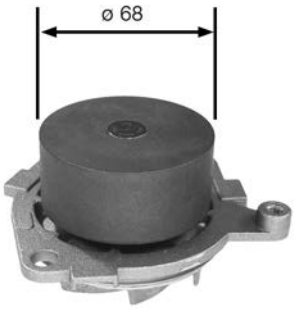
PA101

PA621



PA631

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PA943

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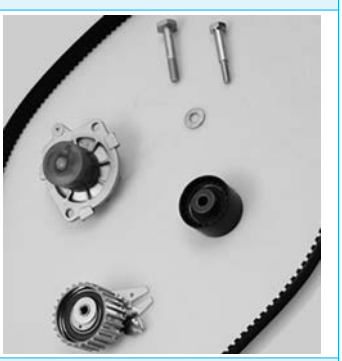
PA1249

KP621-1

KP621-2



KP672-1

KP1085-1

KP1085-2

ACURA

		GRAF ref.			NOTE	Adaptable for OES
CL Coupe '10/96-'9/03						
2.2 (108 kW) Eng.F22B2	96-97	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.3 Vtec (112 kW) Eng.F23A7	98-00	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013

AIXAM

Berline, Mini van , Pick Up '1/96-						
0.5D (10 kW) Eng.Z482	97-	**PA1249**		•		-
145, 146 (930) '7/94-'1/01						
1.4 i.e. (66 kW) Eng.AR33501	94-96	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.4 i.e. 16v T.S. (76 kW) Eng.AR33503/AR38501	10/96-01	**PA621**		•		60586222,60811328
	11/96-1/01	**KP621-2**		•	Eng.AR 33503, Belt:163x24 PA621	60586222,60811328,71736729
1.6 i.e. (76 kW) Eng.AR33201	94-96	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.6 i.e. 16v T.S. (88 kW) Eng.AR38201/AR67601	10/96-01	**PA631**		•		60608898
1.7 i.e. 16v (95 kW) Eng.AR33401	94-96	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.8 T.S. 16v (103 kW) Eng.AR32205/AR38401/AR67106	10/96-01	**PA621**		•		60586222,60811328
	12/96-1/01	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
1.8 T.S. 16v (106 kW) Eng.AR32201	98-01	**PA621**		•		60586222,60811328
	3/98-1/01	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
1.9 JTD (77 kW) Eng.AR32302	99-01	**PA672**		•		46432248,46515972,60814609,60815559
	2/99-1/01	**KP672-1**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 TD (66 kW) Eng.AR33601/AR67501	10/96-99	**PA667**			Eng 1723044-	60812263
	94-9/96	**PA659**			Eng -1723043	60812262
2.0 16v T.S. (110 kW) Eng.AR16201/AR32310/AR67204	95-01	**PA621**		•		60586222,60811328
	10/95-1/01	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
2.0 16v T.S. (114 kW) Eng.AR32301	98-01	**PA621**		•		60586222,60811328
	3/98-1/01	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
147 (937) '1/01-						
1.6 16v T.S. (88 kW) Eng.AR32104	01-	**PA621**		•		60586222,60811328
	1/01-	**KP621-2**		•	Belt:163x24, PA621	60586222,60811328,71736729
1.6 16v T.S. ECO (77 kW) Eng.AR37203	01-	**PA621**		•		60586222,60811328
	1/01-	**KP621-2**		•	Belt:163x24, PA621	60586222,60811328,71736729
1.9 JTD (110 kW) Eng.937A5.000	05-	**PA1085**		•	+RB	46804051,55209993
	05-	**KP1085-1**		•	Eng.Euro 3, Belt:198x24, PA1085	46804051,55209993
	05-	**KP1085-2**		•	Eng.Euro 4, Belt:199x24, PA1085	46804051,55209993
1.9 JTD (74 kW) Eng.182B9.000	03-	**PA672**		•		46432248,46515972,60814609,60815559
	6/03-	**KP672-1**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 JTD (85 kW) Eng.937A2.000	01-	**PA672**		•		46432248,46515972,60814609,60815559
	4/01-	**KP672-1**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 JTD 16v (103 kW) Eng.192A5.000	02-	**PA1085**		•	+RB	46804051,55209993
	02-	**KP1085-1**		•	Eng.Euro 3, Belt:198x24, PA1085	46804051,55209993
	02-	**KP1085-2**		•	Eng.Euro 4, Belt:199x24, PA1085	46804051,55209993
1.9 JTD 16v BELGIO (100 kW) Eng.192B1.000	01-	**PA1085**		•	+RB	46804051,55209993
	01-	**KP1085-1**		•	Eng.Euro 3, Belt:198x24, PA1085	46804051,55209993
	01-	**KP1085-2**		•	Eng.Euro 4, Belt:199x24, PA1085	46804051,55209993
1.9 JTD 16v FRANCIA (93 kW) Eng.937A4.000	4/01-	**PA1085**		•	+RB	46804051,55209993
	01-	**KP1085-1**		•	Eng.Euro 3, Belt:198x24, PA1085	46804051,55209993
	01-	**KP1085-2**		•	Eng.Euro 4, Belt:199x24, PA1085	46804051,55209993
1.9 JTDM (125 kW) Eng.937A6.000	08-	**PA1085**		•	+RB	46804051,55209993
	08-	**KP1085-2**		•	Eng.Euro 4, Belt:199x24, PA1085	46804051,55209993

PA365

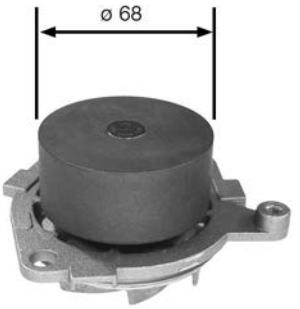
PA420A

PA492

PA494

PA496

PA621



PA631

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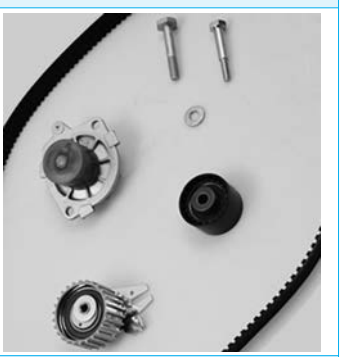
PA802

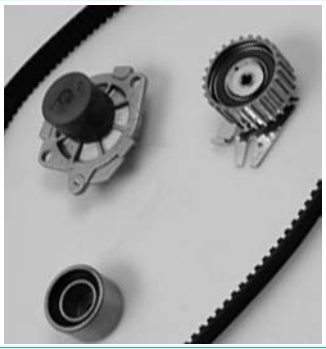
PA1085

KP621-1

KP621-2



KP672-1



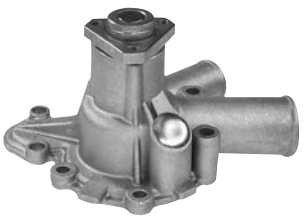
KP672-3

KP1085-1

KP1085-2

		GRAF ref.			NOTE	Adaptable for OES
1.9 JTDM 8v (88 kW) Eng.937A3.000	05-	**PA672**		•		46432248,46515972,60814609,60815559
2.0 16v T.S. (110 kW) Eng.AR32310	01-	**PA621**		•		60586222,60811328
3.2 GTA (184 kW) Eng.932A.000	2/03-	**PA673**				55192898,55198357,60604181,60630271 60668487,60813207,60816018
155 (167) '1/92-'1/98						
1.6 16v T.S. (88 kW) Eng.AR67601	96-98	**PA621**		•		60586222,60811328
1.7 T.S. (83 kW) Eng.AR67103	93-96	**PA494**				60585358,60585362,60597487,71737985
1.7 T.S. (85 kW) Eng.AR67105	93-96	**PA494**				60585358,60585362,60597487,71737985
1.7 T.S. 16v (103 kW) Eng.AR67106	96-97	**PA621**		•		60586222,60811328
	5/96-12/97	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
1.8 T.S. (95 kW) Eng.AR67101	92-93	**PA494**				60585358,60585362,60597487,71737985
1.8 T.S. Sport (93 kW) Eng.AR67101/AR67102	92-96	**PA494**				60585358,60585362,60597487,71737985
1.9 TD (66 kW) Eng.AR67501	93-96	**PA365**				60808756
	96-97	**PA667**				60812263
2.0 16v T. Q4 (137 kW) Eng.AR67203	92-97	**PA496**				60810426,71737965,7708187
2.0 16v T. Q4 (140 kW) Eng.AR67203	92-97	**PA496**				60810426,71737965,7708187
2.0 T.S. (104-106 kW) Eng.AR67201/ 2	92-95	**PA494**				60585358,60585362,60597487,71737985
2.0 T.S. 16v (110 kW) Eng.AR67204	95-97	**PA621**		•		60586222,60811328
	3/95-12/97	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
2.5 TD (92 kW) Eng.VM07B	93-97	**PA420A**	•			60562567,60564004
2.5 TD (92 kW) Eng.VM31B	93-97	**PA802**	•		Impeller Ø 71mm	60778982/ 3
	93-97	**PA671**	•		Impeller Ø 76mm	60778982,60778983
2.5 V6 (120-121 kW) Eng.AR67301/ 2/ 3	92-97	**PA492**				60559067,60579797
156 (932), Sportwagon '9/97-'9/05						
1.6 16v T.S. (88 kW) Eng.AR32104/AR32103/AR32102/AR67601	97-	**PA631**		•		60608898
	5/00-	**KP621-2**		•	Eng.AR 32103 , AR 32104, Belt:163x24 PA621	60586222,60811328,71736729
1.8 T.S. 16v (103 kW) Eng.AR32205	00-	**PA631**		•		60608898
1.8 T.S. 16v (106 kW) Eng.AR32201	97-	**PA621**		•		60586222,60811328
	9/97-10/00	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
1.9 D (100 kW) Eng.192B1.000	02-04	**PA1085**		•	+RB	46804051,55209993
	02-04	**KP1085-1**		•	Eng.Euro 3, Belt:198x24, PA1085	46804051,55209993
	02-04	**KP1085-2**		•	Eng.Euro 4, Belt:199x24, PA1085	46804051,55209993
1.9 JTD (77 kW) Eng.AR32302	97-	**PA672**		•		46432248,46515972,60814609,60815559
	9/97-10/00	**KP672-1**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 JTD (81 kW) Eng.AR37101	00-01	**PA672**		•		46432248,46515972,60814609,60815559
	10/00-5/01	**KP672-1**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 JTD (85 kW) Eng.937A2.000	01-	**PA672**		•		46432248,46515972,60814609,60815559
	5/01-9/05	**KP672-1**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 JTD 16v (103 kW) Eng.192A5.000	02-	**PA1085**		•	+RB	46804051,55209993
	02-	**KP1085-1**		•	Eng.Euro 3, Belt:198x24, PA1085	46804051,55209993
	02-	**KP1085-2**		•	Eng.Euro 4, Belt:199x24, PA1085	46804051,55209993
1.9 JTD, Crosswagon (110 kW) Eng.937A5.000	04-	**PA1085**		•	+RB	46804051,55209993
	04-	**KP1085-1**		•	Eng.Euro 3, Belt:198x24, PA1085	46804051,55209993
	04-	**KP1085-2**		•	Eng.Euro 4, Belt:199x24, PA1085	46804051,55209993
2.0 16v T.S. (110 kW) Eng.AR32310	00-02	**PA621**		•		60586222,60811328
2.0 16v T.S. (114 kW) Eng.AR32301	97-	**PA621**		•		60586222,60811328
	9/97-10/00	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
2.0 JTS (121 kW) Eng.937A1.000	4/02-	**PA621**		•		60586222,60811328
2.0 SW (119 kW) Eng.932A2.000	02-06	**PA621**		•		60586222,60811328
2.0 Twin Spark (118 kW) Eng.AR32303	97-00	**PA621**		•		60586222,60811328
2.4 JTD (100 kW) Eng.AR32501	97-00	**PA672**		•		46432248,46515972,60814609,60815559
	97-00	**KP672-3**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,60815559 71736795,7762925
2.4 JTD (103 kW) Eng.839A6.000	00-	**PA672**		•		46432248,46515972,60814609,60815559
	00-	**KP672-3**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,60815559 71736795,7762925
2.4 JTD (110 kW) Eng.841C.000	02-	**PA672**		•		46432248,46515972,60814609,60815559
	02-	**KP672-3**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,60815559 71736795,7762925

PA293



PA345

PA346

PA347

PA420A

PA494

PA621

PA671

PA672

PA673

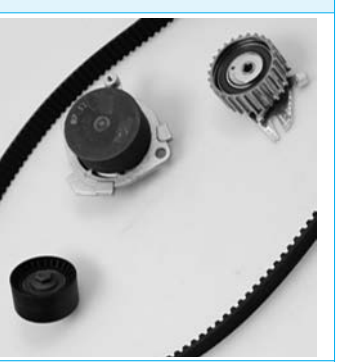
PA802

PA957

PA959

PA991

PA1085



KP621-1

KP672-2

KP1085-2

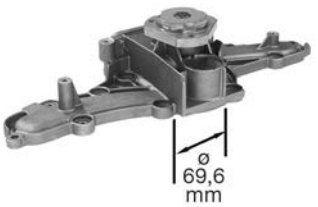
KP1085-3

		GRAF ref.			NOTE	Adaptable for OES
2.4 JTD 20v (129 kW) Eng.841G.000	03-	**PA1085**		•	+RB	46804051,55209993
	03-	**KP1085-3**		•	+RB, Belt:198x24, PA1085	46791189,46804051,55183527,55191315 55192323,55209993,55212159,60813590/ 2 71736493,71747799,7763644,7778565
2.5 V6 24v (140 kW) Eng.AR32401	97-	**PA673**				55192898,55198357,60604181,60630271 60668487,60813207,60816018
2.5 V6 24v (141 kW) Eng.AR32405	5/00-	**PA673**				55192898,55198357,60604181,60630271 60668487,60813207,60816018
3.2 GTA (184 kW) Eng.932A.000	02-	**PA673**				55192898,55198357,60604181,60630271 60668487,60813207,60816018
159, Sportwagon (140) '9/05-						
1.8 16v (103 kW) Eng.939A4.000	05-	**PA959**				71739779
1.8 TBi (147 kW) Eng.939B1.000	09-	**PA959**				71739779
1.9 JTDM 16v (110 kW) Eng.939A2.000	05-	**PA1085**		•	+RB	46804051,55209993
	9/05-	**KP1085-2**		•	Belt:199x24, PA1085	46804051,55209993
1.9 JTDM 16v (Belgio) (100 kW) Eng.937A8.000	05-	**PA1085**		•	+RB	46804051,55209993
	9/05-	**KP1085-2**		•	Belt:199x24, PA1085	46804051,55209993
1.9 JTDM 8v (88 kW) Eng.939A1.000	05-	**PA672**		•		46432248,46515972,60814609,60815559
	05-	**KP672-2**		•	Belt:190x24, PA672	46432248,46515972,46791188,55183527 55187100,55191315,55192323/ 896,55200441 55212159,60813592,60814609,60815559 71747799,7778565
1.9 JTDM 8v (Belgio) (85 kW) Eng.937A7.000	05-	**PA672**		•		46432248,46515972,60814609,60815559
	05-	**KP672-2**		•	Belt:190x24, PA672	46432248,46515972,46791188,55183527 55187100,55191315,55192323/ 896,55200441 55212159,60813592,60814609,60815559 71747799,7778565
1.9 JTS (118 kW) Eng.939A6.000	05-	**PA957**	•			71739401,71751273,71769761
2.0 JTDM (100 kW) Eng.940A8.000	10-	**PA1085**		•	+RB	46804051,55209993
2.0 JTDM (120 kW) Eng.844A2.000	09-	**PA1085**		•	+RB	46804051,55209993
2.0 JTDM (125 kW) Eng.939B3.000	09-	**PA1085**		•	+RB	46804051,55209993
2.2 JTS (136 kW) Eng.939A5.000	05-	**PA957**	•			71739401,71751273,71769761
2.4 JTD 20v (147 kW) Eng.939A3.000	05-	**PA1085**		•	+RB	46804051,55209993
2.4 JTD 20v, Q4 (154 kW) Eng.939A9.000	07-	**PA1085**		•	+RB	46804051,55209993
3.2 JTS, Q4 (191 kW) Eng.939A0.000	05-	**PA991**				71741078,71747983
164 (164/168) '6/87-'9/98						
2.0 T. (128 kW) Eng.AR06476	87-92	**PA293**				5973319,60800169
2.0 T.S. (105 kW) Eng.AR06416	87-92	**PA345**				195510702400/ 1,60513470,60565229 60743945
2.0 T.S. (106 kW) Eng.AR64103	92-98	**PA494**				60585358,60585362,60597487,71737985
2.0 T.S. (109 kW) Eng.AR06420	87-98	**PA345**				195510702400/ 1,60513470,60565229 60743945
2.0 V6 T. (148 kW) Eng.AR64102	92-98	**PA346**				195320702402,60513151,60555347/ 8 60561800,60564048,71713045,71737989
2.0 V6 T. (150 kW) Eng.AR64101	91-92	**PA346**				195320702402,60513151,60555347/ 8 60561800,60564048,71713045,71737989
2.5 TD (84 kW) Eng.VM84A	10/89-	**PA420A**	•			60562567,60564004
	-9/89	**PA347**				195590702400,60513608,60555999
2.5 TD (92 kW) Eng.VM08B/VM32B	92-98	**PA802**	•		Impeller Ø 71mm	60778982/ 3
	92-98	**PA671**	•		Impeller Ø 76mm	60778982,60778983
3.0 i.e. QV (147 kW) Eng.AR06430/AR64301	90-92	**PA346**				195320702402,60513151,60555347/ 8 60561800,60564048,71713045,71737989
3.0 V6 (132 kW) Eng.AR64305/AR66303	92-98	**PA346**				195320702402,60513151,60555347/ 8 60561800,60564048,71713045,71737989
166 (936) '9/98-						
2.0 T.S. (110 kW) Eng.AR36301	00-	**PA621**		•		60586222,60811328
	10/00-	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
2.0 T.S. (114 kW) Eng.AR34103	98-00	**PA621**		•		60586222,60811328
	9/98-10/00	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
2.0 V6 (151 kW) Eng.AR34102	98-	**PA673**				55192898,55198357,60604181,60630271 60668487,60813207,60816018
2.4 JTD (100 kW) Eng.AR34202	98-00	**PA672**		•		46432248,46515972,60814609,60815559

PA101

PA528

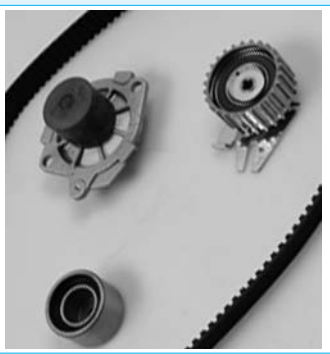
PA672



PA673

Cuscinetto rinforzato
Reinforced bearing

PA1085



KP672-3

KP1085-3

		GRAF ref.			NOTE	Adaptable for OES
2.4 JTD (100 kW) Eng.AR34202	98-00	**KP672-3**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,60815559 71736795,7762925
2.4 JTD (103 kW) Eng.839A6.000	00-	**PA672**		•		46432248,46515972,60814609,60815559
	00-	**KP672-3**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,60815559 71736795,7762925
2.4 JTD (110 kW) Eng.841C.000	02-	**PA672**		•		46432248,46515972,60814609,60815559
	02-	**KP672-3**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,60815559 71736795,7762925
2.4 JTD 20v (129 kW) Eng.841G.000	03-	**PA1085**		•	+RB	46804051,55209993
	03-	**KP1085-3**		•	+RB, Belt:198x24, PA1085	46791189,46804051,55183527,55191315 55192323,55209993,55212159,60813590/ 2 71736493,71747799,7763644,7778565
2.4 MJT 20v (136 kW) Eng.841N.000	06-	**PA1085**		•	+RB	46804051,55209993
2.5 V6 24v (138 kW) Eng.AR36201	00-	**PA673**				55192898,55198357,60604181,60630271 60668487,60813207,60816018
2.5 V6 24v (140 kW) Eng.AR34201	98-00	**PA673**				55192898,55198357,60604181,60630271 60668487,60813207,60816018
3.0 V6 24v (162 kW) Eng.AR36101	00-	**PA673**				55192898,55198357,60604181,60630271 60668487,60813207,60816018
3.0 V6 24v (166 kW) Eng.AR34301	98-00	**PA673**				55192898,55198357,60604181,60630271 60668487,60813207,60816018
3.2 V6 24v (176 kW) Eng.936A6.000	03-	**PA673**				55192898,55198357,60604181,60630271 60668487,60813207,60816018
33 I (905,A), Sportwagon '5/83-'12/89						
1.2 (Exc. SW) (50 kW) Eng.AR30585	83-89	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.3 (Exc. SW) (55 kW) Eng.AR30502/AR30586	83-89	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.3 (Exc. SW) (58 kW) Eng.AR30502	83-89	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.3 (Exc. SW) (63 kW) Eng.AR30168/AR30587	84-89	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.3 i.e. (66 kW) Eng.AR30168	83-89	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.5 (70 kW) Eng.AR30182	83-89	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.5, 4WD (62 kW) Eng.AR30143/AR30504	83-85	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.5, 4WD (66 kW) Eng.AR30520	83-86	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.5, 4WD (75 kW) Eng.AR30588	86-89	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.5, QV, 4WD (77 kW) Eng.AR30146/AR30508/AR30588	84-89	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.7 (84-87 kW) Eng.AR30550	88-89	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.7 (Exc. SW) (95 kW) Eng.AR30550	86-89	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.7 i.e., 4WD (77 kW) Eng.AR30558	88-89	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.8 TD (54 kW) Eng.VM82A	86-90	**PA528**	•			546329,60537381,60558613
1.8 TD (62 kW) Eng.VM82A	1/86-6/86	**PA528**	•			546329,60537381,60558613

PA101

PA306

PA346

PA381

PA420A

PA453

PA557

		GRAF ref.			NOTE	Adaptable for OES
33 II (907A,B), Sportwagon '1/90-'9/94						
1.4 (58 kW)	91-94	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.4 i.e., 4WD (66 kW) Eng.AR30587/AR30753/AR30755	91-94	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.5 (77 kW) Eng.AR30146	90-93	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.5 i.e (71 kW) Eng.AR30751	90-94	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.5 i.e. (74 kW) Eng.AR30750	90-91	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.7 16v, 4WD (101 kW) Eng.AR30746	90-94	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.7 16v, 4WD (95-97 kW) Eng.AR30747	90-94	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.7 i.e., 4WD (77-79 kW) Eng.AR30736/AR30737	90-94	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.8 TD (Exc. SW) (62 kW) Eng.VM96A	90-94	**PA420A**	•			60562567,60564004
6 (119) '4/79-'12/88						
2.0 (99 kW) Eng.AR01932	81-88	**PA306**				116460702400,119000702402,195150702400/ 1 60534334/ 5/ 6,60555345,60700439,60703264
2.5 i.e. (110 kW) Eng.AR01928	83-86	**PA306**				116460702400,119000702402,195150702400/ 1 60534334/ 5/ 6,60555345,60700439,60703264
2.5 i.e. (116 kW) Eng.AR01928	79-84	**PA306**				116460702400,119000702402,195150702400/ 1 60534334/ 5/ 6,60555345,60700439,60703264
75 (162B) '1/85-'9/92						
1.6 (81 kW) Eng.AR61101/AR61102	89-92	**PA381**				195360702400,60534758,60563626
1.6, Kat (81 kW) Eng.AR06100	85-92	**PA557**				113050702400/ 1,117010702400,60518083 60523035
1.8 (85 kW) Eng.AR06202	85-89	**PA557**				113050702400/ 1,117010702400,60518083 60523035
1.8 (88 kW) Eng.AR06168	88-92	**PA557**				113050702400/ 1,117010702400,60518083 60523035
1.8 (90 kW) Eng.AR61201	89-92	**PA381**				195360702400,60534758,60563626
1.8 T. (110 kW) Eng.AR06134	86-92	**PA557**				113050702400/ 1,117010702400,60518083 60523035
1.8 T. i.e. (114 kW) Eng.AR06158	86-90	**PA557**				113050702400/ 1,117010702400,60518083 60523035
2.0 (94 kW) Eng.AR06212	85-88	**PA557**				113050702400/ 1,117010702400,60518083 60523035
2.0 T.S, Kat (107-109 kW) Eng.AR06166/AR06224	87-92	**PA381**				195360702400,60534758,60563626
2.0 TD (70 kW) Eng.VM80A	85-92	**PA453**				162060702401/ 2,60533509,60561806
2.4 TD (82 kW) Eng.VM81A	89-92	**PA453**				162060702401/ 2,60533509,60561806
2.5 V6 (115 kW) Eng.AR01646/AR01911	85-86	**PA306**				116460702400,119000702402,195150702400/ 1 60534334/ 5/ 6,60555345,60700439,60703264
2.5 V6 Kat (113 kW) Eng.AR01648	86-89	**PA306**				116460702400,119000702402,195150702400/ 1 60534334/ 5/ 6,60555345,60700439,60703264
3.0 V6 (141 kW) Eng.AR61503	90-92	**PA346**				195320702402,60513151,60555347/ 8 60561800,60564048,71713045,71737989
3.0 V6, Kat (136 kW) Eng.AR06120/AR06124	87-92	**PA306**				116460702400,119000702402,195150702400/ 1 60534334/ 5/ 6,60555345,60700439,60703264
90 (162) '10/84-'7/87						
1.8 (85 kW) Eng.AR06202	84-87	**PA557**				113050702400/ 1,117010702400,60518083 60523035

PA098

PA101

PA306

PA453

PA557

		GRAF ref.			NOTE	Adaptable for OES
1.8 (88 kW) Eng.AR06168	84-87	**PA557**				113050702400/ 1,117010702400,60518083 60523035
2.0 i.e. (94 kW) Eng.AR01713/AR06212	84-87	**PA557**				113050702400/ 1,117010702400,60518083 60523035
2.0 i.e. (97 kW) Eng.AR06210	84-87	**PA306**				116460702400,119000702402,195150702400/ 1 60534334/ 5/ 6,60555345,60700439,60703264
2.4 TD (81 kW) Eng.VM81A	2/87-7/87	**PA453**				162060702401/ 2,60533509,60561806
2.5 i.e. V6 (115 kW) Eng.AR01646/AR01911	84-87	**PA306**				116460702400,119000702402,195150702400/ 1 60534334/ 5/ 6,60555345,60700439,60703264
Alfasud (901) '6/72-'12/84						
1.2 (44 kW) Eng.AR30102S	80-84	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.2 (50 kW) Eng.AR30104	73-75	**PA098**			Ch -5051903	510485,60744120
	76-84	**PA101**			Ch 5051904-	532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.2, Giardinetta (46 kW) Eng.AR30102	72-75	**PA098**			Ch -5051903	510485,60744120
	76-84	**PA101**			Ch 5051904-	532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.3 (55 kW) Eng.AR30164	77-84	**PA101**			Ch 5051904-	532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.3 (55 kW) Eng.AR30184	77-84	**PA101**			Ch 5051904-	532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.3 (63 kW) Eng.AR30168	80-84	**PA101**			Ch 5051904-	532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.3 Super, Giardinetta (51 kW) Eng.AR30160	79-84	**PA101**			Ch 5051904-	532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.3, Giardinetta (50 kW) Eng.AR30180	78-80	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.5 (61 kW) Eng.AR30124	79-84	**PA101**			Ch 5051904-	532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.5 (70 kW) Eng.AR30128	80-84	**PA101**			Ch 5051904-	532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.5 (77 kW) Eng.AR30146	83-84	**PA101**			Ch 5051904-	532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
Alfasud Sprint (902.A) '9/76-'12/89						
1.3 (55 kW) Eng.AR30184	76-81	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.5 (61 kW) Eng.AR30124	78-81	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.5 (70 kW) Eng.AR30128	79-87	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.5 (75 kW) Eng.AR30588	83-87	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.5 (77 kW) Eng.AR30146	83-87	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986

PA051

PA086

PA101

PA171

PA257

PA557

PA621

PA957

PA991

Cuscinetto rinforzato
Reinforced bearing

PA1085

		GRAF ref.			NOTE	Adaptable for OES
Alfetta (116) '1/74-'1/86						
1.6, GT (79 kW) Eng.AR01600	75-77	**PA171**			+CM	116080702400/ 1/ 2,116090702400,60725124 60725766
	78-84	**PA257**				116550702400,60730469
	78-84	**PA557**				113050702400/ 1,117010702400,60518083 60523035
1.8 (90 kW) Eng.AR01678	79-84	**PA257**				116550702400,60730469
	79-84	**PA557**				113050702400/ 1,117010702400,60518083 60523035
1.8, GT (85 kW) Eng.AR01608X	74-77	**PA171**			+CM	116080702400/ 1/ 2,116090702400,60725124 60725766
1.8, GT (90 kW) Eng.AR01608	74-77	**PA171**			+CM	116080702400/ 1/ 2,116090702400,60725124 60725766
	78-84	**PA257**				116550702400,60730469
	78-84	**PA557**				113050702400/ 1,117010702400,60518083 60523035
2.0 (96 kW) Eng.AR11655/AR58484	77-80	**PA257**				116550702400,60730469
	77-80	**PA557**				113050702400/ 1,117010702400,60518083 60523035
2.0, GT (89 kW) Eng.AR01623	77-86	**PA257**				116550702400,60730469
	77-86	**PA557**				113050702400/ 1,117010702400,60518083 60523035
2.0, GT (97 kW) Eng.AR01713/AR10520	77-84	**PA257**				116550702400,60730469
	77-84	**PA557**				113050702400/ 1,117010702400,60518083 60523035
Arna (920) '3/83-'12/86						
1.2 (44 kW) Eng.AR31000	83-86	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.2 (46 kW) Eng.AR30102	83-86	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.2 (50 kW) Eng.AR30500	83-86	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.3 (58 kW) Eng.AR30100	83-86	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.3 TI (63 kW) Eng.AR30168/AR31010	83-86	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
1.5 (70 kW) Eng.AR30182	83-86	**PA101**				532912,547815,60504407,60536055,60565727 60586467,60611459,60614390,60622295 60624553,71737986
Brera (177) '1/06-						
1.8 TBi (147 kW) Eng.939B1.000	09-	**PA621**		•		60586222,60811328
2.0 JTDm (125 kW) Eng.939B3.000	09-	**PA1085**		•	+RB	46804051,55209993
2.2 JTS (136 kW) Eng.939A5.000	06-	**PA957**	•			71739401,71751273,71769761
2.4 JTD 20v (147 kW) Eng.939A3.000	06-	**PA1085**		•	+RB	46804051,55209993
2.4 JTD 20v (154 kW) Eng.939A9.000	07-	**PA1085**		•	+RB	46804051,55209993
3.2 JTS Q4 (191 kW) Eng.939A0.000	06-	**PA991**				71741078,71747983
Giulia '6/64-'12/78						
1.3 (64 kW) Eng.AR00530	74-78	**PA086**				105120702400,105480702400,60711594
1.3 TI (62 kW)	69-72	**PA051**				105260702400,105440702400,60712573
	72-75	**PA086**				105120702400,105480702400,60711594
1.6 (76 kW) Eng.AR00526	74-78	**PA086**				105120702400,105480702400,60711594
1.6 Super (71 kW) Eng.AR00526	64-69	**PA051**				105260702400,105440702400,60712573
Giulietta II (116) '10/77-'12/85						
1.3 (66 kW) Eng.AR01644	77-83	**PA257**				116550702400,60730469
	77-83	**PA557**				113050702400/ 1,117010702400,60518083 60523035

PA051

PA086

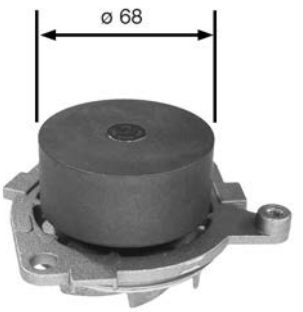
PA171

PA257

PA306

PA557

PA621



PA631

PA673

PA1030

PA1085

KP621-1

KP1085-2

		GRAF ref.			NOTE	Adaptable for OES
1.6 (79 kW) Eng.AR01600	77-85	**PA257**				116550702400,60730469
	77-85	**PA557**				113050702400/ 1,117010702400,60518083 60523035
1.8 (90 kW) Eng.AR01678	79-85	**PA257**				116550702400,60730469
	79-85	**PA557**				113050702400/ 1,117010702400,60518083 60523035
1.8 T. (110 kW) Eng.AR01354	84-85	**PA257**				116550702400,60730469
	84-85	**PA557**				113050702400/ 1,117010702400,60518083 60523035
2.0 (96 kW) Eng.AR01655/AR11671	80-85	**PA257**				116550702400,60730469
	80-85	**PA557**				113050702400/ 1,117010702400,60518083 60523035
2.0 T. (125 kW) Eng.AR01699	83-84	**PA257**				116550702400,60730469
	83-84	**PA557**				113050702400/ 1,117010702400,60518083 60523035
Giulietta III (940) '5/10-						
1.4 T. (125 kW) Eng.940A2.000	10-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 T. (77 kW) Eng.955A6.000	11-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 T. (88 kW) Eng.198A4.000	10-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.6 JTDm (77 kW) Eng.940A3.000	10-	**PA1085**		•	+RB	46804051,55209993
1.8 TBi (173 kW) Eng.940A1.000	10-	**PA621**		•		60586222,60811328
2.0 JTDm (103 kW) Eng.940A5.000	10-	**PA1085**		•	+RB	46804051,55209993
2.0 JTDm (125 kW) Eng.940A4.000	10-	**PA1085**		•	+RB	46804051,55209993
GT (105-115) '3/63-'12/77						
1.3 (64 kW) Eng.AR00530	66-71	**PA051**				105260702400,105440702400,60712573
	71-77	**PA086**				105120702400,105480702400,60711594
1.6 (75 kW) Eng.AR00526S	63-71	**PA051**				105260702400,105440702400,60712573
	71-77	**PA086**				105120702400,105480702400,60711594
1.6 (80 kW) Eng.AR00536	66-71	**PA051**				105260702400,105440702400,60712573
	71-77	**PA086**				105120702400,105480702400,60711594
1.6 A (83 kW) Eng.AR10538	65-70	**PA051**				105260702400,105440702400,60712573
1750 (83 kW) Eng.AR00548	67-71	**PA051**				105260702400,105440702400,60712573
	71-72	**PA086**				105120702400,105480702400,60711594
2.0 V (96 kW) Eng.AR10527	71-77	**PA086**				105120702400,105480702400,60711594
GT (937) '11/03-						
1.8 T.S. 16v (103 kW) Eng.AR32205	03-	**PA631**		•		60608898
1.9 JTD 16v (110 kW) Eng.937A5.000	03-	**PA1085**		•	+RB	46804051,55209993
	03-	**KP1085-2**		•	Belt:199x24, PA1085	46804051,55209993
1.9 JTDM 16V (125 kW) Eng.937A6.000	08-	**PA1085**		•	+RB	46804051,55209993
	08-	**KP1085-2**		•	Belt:199x24, PA1085	46804051,55209993
2.0 JTS (119 kW) Eng.932A2.000	06-	**PA621**		•		60586222,60811328
2.0 JTS (121 kW) Eng.937A1.000	03-	**PA621**		•		60586222,60811328
3.2 JTS (177 kW)	06-	**PA673**				55192898,55198357,60604181,60630271 60668487,60813207,60816018
3.2 V6 24v (176 kW) Eng.936A6.000	03-	**PA673**				55192898,55198357,60604181,60630271 60668487,60813207,60816018
GTV (116) '1/78-'2/87						
2.0 (94 kW) Eng.AR01655/AR06212	-12/78	**PA171**			+CM	116080702400/ 1/ 2,116090702400,60725124 60725766
2.0 (96 kW) Eng.AR11655/AR58484	-12/78	**PA171**			+CM	116080702400/ 1/ 2,116090702400,60725124 60725766
2.0 T. Delta (111 kW) Eng.AR11642	78-80	**PA257**				116550702400,60730469
	78-80	**PA557**				113050702400/ 1,117010702400,60518083 60523035
2.5 (116 kW) Eng.AR01646	80-87	**PA306**				116460702400,119000702402,195150702400/ 1 60534334/ 5/ 6,60555345,60700439,60703264
GTV (916C) '6/95-						
1.8 T.S. 16v (106 kW) Eng.AR32201	98-	**PA621**		•		60586222,60811328
	5/98-	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
2.0 JTS (121 kW) Eng.937A1.000	03-	**PA621**		•		60586222,60811328
2.0 T.S. 16v (110 kW) Eng.AR16201/AR32310	95-	**PA621**		•		60586222,60811328

PA051

PA086

PA171

PA257

PA381

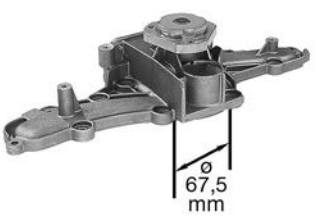
PA492

PA557

PA621

PA673

PA866



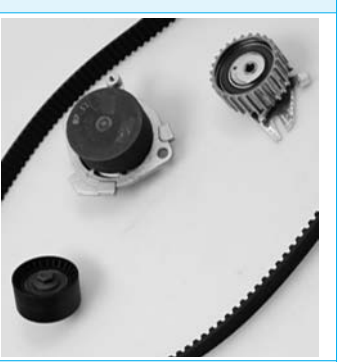
PA892

PA1030

PA1083

PA1085

PA1155



KP621-1

		GRAF ref.			NOTE	Adaptable for OES
2.0 T.S. 16v (110 kW) Eng.AR16201/AR32310	6/95-	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
2.0 T.S. 16v (114 kW) Eng.AR32301	98-00	**PA621**		•		60586222,60811328
	5/98-8/00	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
2.0 V6 T. (148 kW) Eng.AR16202	95-	**PA492**				60559067,60579797
3.0 V6 24v (160 kW) Eng.AR16105	10/00-	**PA892**				55198358,60668486
3.0 V6 24v (162 kW) Eng.AR16102	96-9/00	**PA673**				55192898,55198357,60604181,60630271 60668487,60813207,60816018
3.2 V6 24v (176 kW) Eng.936A6.000	4/03-	**PA892**				55198358,60668486
Mito (955) '8/08-						
0.9 T (77 kW) Eng.199B6.000	13-	**PA1155**				55225394,55233943
0.9 Twinair (63 kW) Eng.312A2.000	11-	**PA1155**				55225394,55233943
1.3 JTDM (62 kW) Eng.199B4.000	11-	**PA1083**				46815125
1.3 JTDm (70 kW) Eng.199B1.000	09-	**PA1083**				46815125
1.3 JTDM 16V (66 kW) Eng.199A3.000	09-	**PA1083**				46815125
1.4 (51 kW) Eng.955A9.000	11-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 (57 kW) Eng.955A1.000	11-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	11-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 (77 kW) Eng.955A6.000	09-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 16v (58 kW) Eng.955A1.000	08-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	08-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 Bifuel (88 kW) Eng.198A4.000	11-	**PA1030**		•		55204538,55221397
1.4 T (88 kW) Eng.198A4.000	09-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 T. (125 kW) Eng.940A2.000	10-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 T. (99 kW) Eng.955A2.000	09-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 T. 16v (114 kW) Eng.199A8.000	08-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.6 JTDM 16V (88 kW) Eng.198A2.000	08-	**PA1085**		•	+RB	46804051,55209993
Spider (105) '3/66-'12/77						
1.3 (64 kW) Eng.AR00530	68-72	**PA051**				105260702400,105440702400,60712573
	72-77	**PA086**			+CM	105120702400,105480702400,60711594
1.6 (80 kW) Eng.AR00526/AR00536/AR01600	66-68	**PA051**				105260702400,105440702400,60712573
1750 (83 kW) Eng.AR00548	67-71	**PA051**				105260702400,105440702400,60712573
2.0 (96 kW) Eng.AR00512	71-77	**PA086**			+CM	105120702400,105480702400,60711594
Spider (115) '3/71-'12/93						
1.6 (76 kW) Eng.AR00526	76-80	**PA257**				116550702400,60730469
	76-80	**PA557**				113050702400/ 1,117010702400,60518083 60523035
1.6 (79 kW) Eng.AR01563	90-93	**PA557**				113050702400/ 1,117010702400,60518083 60523035
1.6 (80 kW) Eng.AR00536	71-77	**PA171**				116080702400/ 1/ 2,116090702400,60725124 60725766
	77-79	**PA257**				116550702400,60730469
	77-79	**PA557**				113050702400/ 1,117010702400,60518083 60523035
2.0 (88 kW) Eng.AR01588	90-93	**PA381**				195360702400,60534758,60563626
2.0 Veloce (93 kW) Eng.AR00515/AR01590	77-80	**PA257**				116550702400,60730469
	77-80	**PA557**				113050702400/ 1,117010702400,60518083 60523035
	89-93	**PA381**				195360702400,60534758,60563626
Spider (916S) '6/95-'6/06						
1.8 T.S. 16v (106 kW) Eng.AR32201	98-	**PA621**		•		60586222,60811328
	5/98-6/06	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
2.0 JTS (121 kW) Eng.937A1.000	03-	**PA621**		•		60586222,60811328
2.0 T.S. 16v (110 kW) Eng.AR16201/AR32310	95-	**PA621**		•		60586222,60811328
	6/95-6/06	**KP621-1**		•	Eng.AR 32310, Belt:168x24 PA621	60586222,60811328,71736727
2.0 T.S. 16v (114 kW) Eng.AR32301	98-00	**PA621**		•		60586222,60811328
	5/98-8/00	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
2.0 V6 T. (148 kW) Eng.AR16202	98-	**PA492**				60559067,60579797
3.0 V6 (141 kW) Eng.AR16101	95-	**PA492**				60559067,60579797
3.0 V6 (160-176 kW) Eng.AR16105/936A6.000	00-	**PA892**				55198358,60668486

PA103

PA146

PA178

PA233

PA275

PA279

PA422

PA546

PA579

PA621

PA957

PA991

Cuscinetto rinforzato
Reinforced bearing

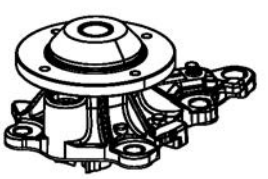
PA1085

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105



PA1160

		GRAF ref.			NOTE	Adaptable for OES
Spider (939) '1/06-						
1.8 TBi (147 kW) Eng.939B1.000	09-	**PA621**		•		60586222,60811328
2.0 JTDm (125 kW) Eng.939B3.000	09-	**PA1085**		•	+RB	46804051,55209993
2.2 JTS (136 kW) Eng.939A5.000	06-	**PA957**	•			71739401,71751273,71769761
2.4 JTD 20v (147 kW) Eng.939A3.000	06-	**PA1085**		•	+RB	46804051,55209993
2.4 JTD 20v (154 kW) Eng.939A9.000	07-	**PA1085**		•	+RB	46804051,55209993
3.2 JTS Q4 (191 kW) Eng.939A0.000	06-	**PA991**				71741078,71747983

ALFA ROMEO LCV

AR 6 (280) '1/82-'8/90						
2.4 D (53 kW) Eng.8144.61.200	85-86	**PA178**				4714636,4754850,4764761,7303009
2.4 TD (68 kW) Eng.8144.21.220	86-89	**PA275**				7301300,7303030

ASTON MARTIN

Cygnet '4/11-						
1.3 (72 kW) Eng.1NRFE	11-	**PA1160**				-

AUDI

100 II (43, C2), Avant '6/76-'7/83						
1.6 (63 kW) Eng.YV	76-83	**PA279**	•		Ch F43B070001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	76-83	**PA1104**	•		+RB, Ch F43B070001-, +PS	037 121 005C
	76-83	**PA146**			Ch -F43B070000	056 121 005/ A,068 121 005/ B/ C/ X
	76-83	**PA546**			+BH, Ch -F43B070000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	76-83	**PA579**			+BH, Ch F43B070001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	76-83	**PA1105**			+RB, +BH,, Ch F43B070001-, +PS	026 121 010CX,037 121 010C
1.9 (74 kW) Eng.WH	80-82	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.0 (85 kW) Eng.WA	76-78	**PA233**				048 121 011,060 121 010X,060 121 011
2.0 D (51 kW) Eng.CN	78-83	**PA422**		•		046 121 004/ V/ X,069 121 004/ V/ X 069 121 005D
2.0 TD (63 kW) Eng.DE	78-83	**PA422**		•		046 121 004/ V/ X,069 121 004/ V/ X 069 121 005D
2.1 (100 kW) Eng.WC	77-83	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.1 (100 kW) Eng.WG	77-83	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.1 (85 kW) Eng.WB/WE	77-83	**PA103**		•	Ch F43A0090246-	035 121 004/ A/ AV/ AX,035 121 005E
100 III (44, 44Q, C3), Avant '8/82-'7/91						
1.8 (55 kW) Eng.DR/RS	82-87	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	82-87	**PA1104**	•		+RB, +PS	037 121 005C
	82-87	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	82-87	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (65 kW) Eng.SH	86-90	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-90	**PA1104**	•		+RB, +PS	037 121 005C
	86-90	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-90	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (66 kW) Eng.JW/NP	83-89	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	83-89	**PA1104**	•		+RB, +PS	037 121 005C
	83-89	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	83-89	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 Kat (66 kW) Eng.4B/PH	85-90	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	85-90	**PA1104**	•		+RB, +PS	037 121 005C
	85-90	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	85-90	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 quattro (65 kW) Eng.SH	86-90	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-90	**PA1104**	•		+RB, +PS	037 121 005C

PA103

PA279

PA383

PA422

PA579

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

		GRAF ref.			NOTE	Adaptable for OES
1.8 quattro (65 kW) Eng.SH	86-90	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-90	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 quattro (66 kW) Eng.JW/NP	83-89	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	83-89	**PA1104**	•		+RB, +PS	037 121 005C
	83-89	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	83-89	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 quattro Kat (66 kW) Eng.4B/PH	85-90	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	85-90	**PA1104**	•		+RB, +PS	037 121 005C
	85-90	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	85-90	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 (74 kW) Eng.WH	-84	**PA103**		•	Ch -F44D200000	035 121 004/ A/ AV/ AX,035 121 005E
	-84	**PA383**		•	Ch F44E000001-	034 121 004/ V/ X,034 121 005D
2.0 (83 kW) Eng.SL	86-87	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.0 (85 kW) Eng.KP	84-87	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.0 D (51 kW) Eng.CN	82-90	**PA422**		•		046 121 004/ V/ X,069 121 004/ V/ X 069 121 005D
2.0 Kat (85 kW) Eng.RT	-5/88	**PA103**		•	Eng -010235	035 121 004/ A/ AV/ AX,035 121 005E
	5/88-	**PA383**		•	Eng 010236-	034 121 004/ V/ X,034 121 005D
2.0 TD (64 kW) Eng.DE	82-88	**PA422**		•		046 121 004/ V/ X,069 121 004/ V/ X 069 121 005D
2.0 TD (74 kW) Eng.NC	82-	**PA422**		•	Ch F44L100001-	046 121 004/ V/ X,069 121 004/ V/ X 069 121 005D
2.1 (100 kW) Eng.WC	82-84	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 (85 kW) Eng.KZ	84-86	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 (Exc. Avant) (79 kW) Eng.WU	82-84	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 (Exc. Avant) (96 kW) Eng.KF	82-84	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 E quattro (88 kW) Eng.PX	85-86	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 quattro, Kat (101 kW) Eng.KU	-4/88	**PA103**		•	Eng -077115	035 121 004/ A/ AV/ AX,035 121 005E
	4/88-	**PA383**		•	Eng 077116-	034 121 004/ V/ X,034 121 005D
2.2 T. (121 kW) Eng.MC	-4/88	**PA103**		•	Eng -039950	035 121 004/ A/ AV/ AX,035 121 005E
	4/88-	**PA383**		•	Eng 039951-	034 121 004/ V/ X,034 121 005D
2.2 T. quattro (121 kW) Eng.MC	-4/88	**PA103**		•	Eng -039950	035 121 004/ A/ AV/ AX,035 121 005E
	4/88-	**PA383**		•	Eng 039951-	034 121 004/ V/ X,034 121 005D
2.2, Kat (101 kW) Eng.KU/HX	-4/88	**PA103**		•	Eng -077115	035 121 004/ A/ AV/ AX,035 121 005E
	4/88-	**PA383**		•	Eng 077116-	034 121 004/ V/ X,034 121 005D
2.3 (98 kW) Eng.NF	90-90	**PA383**		•		034 121 004/ V/ X,034 121 005D
2.3 E (100 kW) Eng.NF	-4/88	**PA103**		•	Eng -063968	035 121 004/ A/ AV/ AX,035 121 005E
	4/88-	**PA383**		•	Eng 063969-	034 121 004/ V/ X,034 121 005D
2.3 E quattro (100 kW) Eng.NF	-4/88	**PA103**		•	Eng -063968	035 121 004/ A/ AV/ AX,035 121 005E
	4/88-	**PA383**		•	Eng 063969-	034 121 004/ V/ X,034 121 005D
2.3 quattro (98 kW) Eng.NF	90-	**PA383**		•		034 121 004/ V/ X,034 121 005D
2.4 D (60 kW) Eng.3D	82-	**PA422**		•	Ch -F44L100000	046 121 004/ V/ X,069 121 004/ V/ X 069 121 005D
2.5 TDi (88 kW) Eng.1T	1/90-11/90	**PA422**		•		046 121 004/ V/ X,069 121 004/ V/ X 069 121 005D
100 IV (4A, C4), Avant '12/90-'6/94						
2.0 (74 kW) Eng.AAE	90-94	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	90-94	**PA1104**	•		+RB, +PS	037 121 005C
	90-94	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-94	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 E (85 kW) Eng.AAD/ABK	90-94	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	90-94	**PA1104**	•		+RB, +PS	037 121 005C
	90-94	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-94	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 E 16v, quattro (102 kW) Eng.ACE	92-94	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	92-94	**PA1104**	•		+RB, +PS	037 121 005C
	92-94	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	92-94	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 E quattro (85 kW) Eng.AAD/ABK	90-94	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A

PA103

PA146

28 teeth pulley

PA148

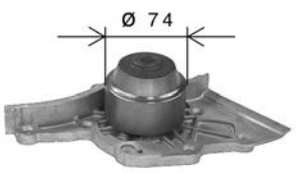
PA383

PA546

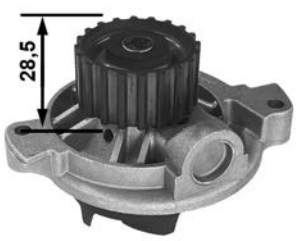
PA579

PA591

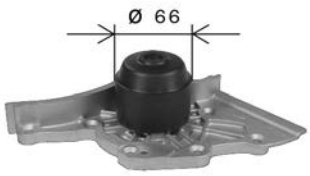
PA592



PA657



PA662



PA757

PA758

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

		GRAF ref.			NOTE	Adaptable for OES
2.0 E quattro (85 kW) Eng.AAD/ABK	90-94	**PA1104**	•		+RB, +PS	037 121 005C
	90-94	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-94	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.2 S4 T. quattro (169 kW) Eng.AAN	91-94	**PA591**		•		054 121 004/ A/ AV/ AX
2.3 E (98 kW) Eng.AAR	90-94	**PA591**		•		054 121 004/ A/ AV/ AX
2.3 E quattro (98 kW) Eng.AAR	90-94	**PA591**		•		054 121 004/ A/ AV/ AX
2.4 D (60 kW) Eng.AAS	90-94	**PA758**		•	+RB	074 121 004/ A/ V/ X,074 121 005M/ N/ P 076 121 005A
2.5 TDi (85 kW) Eng.AAT/ABP	90-94	**PA662**		•		046 121 004D/ DV/ DX
2.6 (110 kW) Eng.ABC	92-94	**PA592**		•		078 121 004B/ BV/ BX/ C/ CV/ CX
2.6 quattro (110 kW) Eng.ABC	92-94	**PA592**		•		078 121 004B/ BV/ BX/ C/ CV/ CX
2.6, quattro (102 kW) Eng.ACZ	93-94	**PA592**		•		078 121 004B/ BV/ BX/ C/ CV/ CX
2.8 E (128 kW) Eng.AAH	90-94	**PA592**		•		078 121 004B/ BV/ BX/ C/ CV/ CX
2.8 E quattro (128 kW) Eng.AAH	90-94	**PA592**		•		078 121 004B/ BV/ BX/ C/ CV/ CX
4.2 S4 V8 quattro (206 kW) Eng.ABH	92-94	**PA657**		•		077 121 004A/ G
4.2 S4 V8 quattro (213 kW) Eng.AEC	94-94	**PA757**		•		077 121 004F/ FV/ FX/ H
200 I (43) '10/79-'9/82						
2.1 5 E (100 kW) Eng.WC	79-82	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.1 5 T. (125 kW) Eng.WJ	79-82	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
200 II (44, 44Q), Avant '8/83-'12/91						
2.1 E (Exc. Avant) (100 kW) Eng.WC	83-84	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.1 T. (134 kW) Eng.KG	83-88	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.1 T. quattro (134 kW) Eng.KG	83-88	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 (Exc. Avant) (101 kW) Eng.KU	84-85	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 20v T. quattro (162 kW) Eng.3B	-5/88	**PA103**		•	Ch -F44J246281	035 121 004/ A/ AV/ AX,035 121 005E
	5/88-	**PA383**		•	Ch F44J246282-	034 121 004/ V/ X,034 121 005D
2.2 T. (121 kW) Eng.MC	-5/88	**PA103**		•	Eng -039950	035 121 004/ A/ AV/ AX,035 121 005E
	5/88-	**PA383**		•	Eng 039951-	034 121 004/ V/ X,034 121 005D
2.2 T. (147 kW) Eng.1B	-5/88	**PA103**		•	Eng -001570	035 121 004/ A/ AV/ AX,035 121 005E
	5/88-	**PA383**		•	Eng 001571-	034 121 004/ V/ X,034 121 005D
2.2 T. (Exc. Avant) (140 kW) Eng.2B	-5/88	**PA103**		•	Eng -001068	035 121 004/ A/ AV/ AX,035 121 005E
	5/88-	**PA383**		•	Eng 001069-	034 121 004/ V/ X,034 121 005D
2.2 T. quattro (121 kW) Eng.MC	-5/88	**PA103**		•	Ch -F44J246281	035 121 004/ A/ AV/ AX,035 121 005E
	5/88-	**PA383**		•	Ch F44J246282-	034 121 004/ V/ X,034 121 005D
2.2 T. quattro (147 kW) Eng.1B	-5/88	**PA103**		•	Ch -F44J246281	035 121 004/ A/ AV/ AX,035 121 005E
	5/88-	**PA383**		•	Ch F44J246282-	034 121 004/ V/ X,034 121 005D
2.3 (100 kW) Eng.NF	-88	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
	88-	**PA383**		•		034 121 004/ V/ X,034 121 005D
50 (86) '8/74-'7/78						
0.8 (25 kW) Eng.HE	76-78	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.1 (37 kW) Eng.HB	74-78	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.1 (44 kW) Eng.HC	74-77	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (43 kW) Eng.HJ	77-78	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (44 kW) Eng.HH	77-78	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
80 I (80, 82, B1) '5/72-'8/78						
1.3 (40 kW) Eng.ZA	72-78	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	72-78	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.3 (44 kW) Eng.ZF	72-78	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	72-78	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.5 (55 kW) Eng.YJ/ZB	72-75	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X

PA146

28 teeth pulley

PA148

PA279

PA546

PA579

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

		GRAF ref.			NOTE	Adaptable for OES
1.5 (55 kW) Eng.YJ/ZB	72-75	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.5 (63 kW) Eng.ZC	72-78	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	72-78	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 (55 kW) Eng.YN	75-78	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	75-78	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 (63 kW) Eng.YP	75-78	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	75-78	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 GT (74 kW) Eng.XX	73-76	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	73-76	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 GTE (81 kW) Eng.YS	76-78	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	76-78	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
80 II (81, 85, B2) '8/78-'12/86						
1.2 (40 kW) Eng.FY	78-81	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.2 (44 kW) Eng.FZ	78-81	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (44 kW) Eng.EP	81-86	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	81-86	**PA1104**	•		+RB, +PS	037 121 005C
	81-86	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	81-86	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (51 kW) Eng.YT/YY	78-81	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	78-81	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 (55 kW) Eng.DT	83-86	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	83-86	**PA1104**	•		+RB, +PS	037 121 005C
	83-86	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	83-86	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (55 kW) Eng.FS/YN/WV	78-81	**PA146**			Ch -F81B149000	056 121 005/ A,068 121 005/ B/ C/ X
	78-81	**PA546**			+BH, Ch -F81B149000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	81-86	**PA279**	•		Ch F81B149001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	81-86	**PA1104**	•		+RB, Ch F81B149001-, +PS	037 121 005C
	81-86	**PA579**			+BH, Ch F81B149001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	81-86	**PA1105**			+RB, +BH,, Ch F81B149001-, +PS	026 121 010CX,037 121 010C
1.6 (55 kW) Eng.WZ	79-80	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	79-80	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 (63 kW) Eng.YG/YH/YK	78-80	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	78-80	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 (63 kW) Eng.YP	78-81	**PA146**			Ch -F81B149000	056 121 005/ A,068 121 005/ B/ C/ X
	78-81	**PA546**			+BH, Ch -F81B149000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	81-83	**PA279**	•		Ch F81B149001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	81-83	**PA1104**	•		+RB, Ch F81B149001-, +PS	037 121 005C

PA146

PA279

PA546

PA579

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

		GRAF ref.			NOTE	Adaptable for OES
1.6 (63 kW) Eng.YP	81-83	**PA579**			+BH, Ch F81B149001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	81-83	**PA1105**			+RB, +BH,, Ch F81B149001-, +PS	026 121 010CX,037 121 010C
1.6 D (40 kW) Eng.CR	80-81	**PA146**			Ch -F81B149000	056 121 005/ A,068 121 005/ B/ C/ X
	80-81	**PA546**			+BH, Ch -F81B149000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	81-86	**PA279**	•		Ch F81B149001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	81-86	**PA1104**	•		+RB, Ch F81B149001-, +PS	037 121 005C
	81-86	**PA579**			+BH, Ch F81B149001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	81-86	**PA1105**			+RB, +BH,, Ch F81B149001-, +PS	026 121 010CX,037 121 010C
1.6 D (40 kW) Eng.JK	82-86	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	82-86	**PA1104**	•		+RB, +PS	037 121 005C
	82-86	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	82-86	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 GLE (81 kW) Eng.YZ	79-81	**PA146**			Ch -F81B149000	056 121 005/ A,068 121 005/ B/ C/ X
	79-81	**PA546**			+BH, Ch -F81B149000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	81-86	**PA279**	•		Ch F81B149001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	81-86	**PA1104**	•		+RB, Ch F81B149001-, +PS	037 121 005C
	81-86	**PA579**			+BH, Ch F81B149001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	81-86	**PA1105**			+RB, +BH,, Ch F81B149001-, +PS	026 121 010CX,037 121 010C
1.6 TD (51 kW) Eng.CY	81-86	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	81-86	**PA1104**	•		+RB, +PS	037 121 005C
	81-86	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	81-86	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.7 (58 kW) Eng.WT	80-81	**PA146**			Ch -F81B149000	056 121 005/ A,068 121 005/ B/ C/ X
	80-81	**PA546**			+BH, Ch -F81B149000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	81-83	**PA279**	•		Ch F81B149001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	81-83	**PA1104**	•		+RB, Ch F81B149001-, +PS	037 121 005C
	81-83	**PA579**			+BH, Ch F81B149001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	81-83	**PA1105**			+RB, +BH,, Ch F81B149001-, +PS	026 121 010CX,037 121 010C
1.8 (65 kW) Eng.SF	86-86	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-86	**PA1104**	•		+RB, +PS	037 121 005C
	86-86	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-86	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (66 kW) Eng.DS	83-86	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	83-86	**PA1104**	•		+RB, +PS	037 121 005C
	83-86	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	83-86	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 CC quattro (66 kW) Eng.NE	84-86	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	84-86	**PA1104**	•		+RB, +PS	037 121 005C
	84-86	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	84-86	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GTE, quattro (81 kW) Eng.PV	85-86	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	85-86	**PA1104**	•		+RB, +PS	037 121 005C
	85-86	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	85-86	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GTE, quattro (82 kW) Eng.DZ	84-86	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	84-86	**PA1104**	•		+RB, +PS	037 121 005C
	84-86	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	84-86	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8, quattro (68 kW) Eng.JN	83-86	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A

			 Cuscietto Rinforzato Reinforced Bearing
PA103	**PA279**	**PA579**	**PA1104**
 Cuscietto Rinforzato/Reinforced Bearing			
PA1105			

		GRAF ref.			NOTE	Adaptable for OES
1.8, quattro (68 kW) Eng.JN	83-86	**PA1104**	•		+RB, +PS	037 121 005C
	83-86	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	83-86	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 CD-5S (85 kW) Eng.WN	81-83	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.0, quattro (85 kW) Eng.HP/JS	83-84	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 quattro (100 kW) Eng.KK	82-84	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 quattro (96 kW) Eng.KL	82-84	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2, quattro (85 kW) Eng.WE	80-83	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
80 III (89, 89Q, 8A, B3) '8/86-'7/92						
1.6 (51 kW) Eng.PP	87-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	87-91	**PA1104**	•		+RB, +PS	037 121 005C
	87-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	87-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (55 kW) Eng.RN	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C
	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (75 kW) Eng.ABB	90-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	90-91	**PA1104**	•		+RB, +PS	037 121 005C
	90-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 D (40 kW) Eng.JK	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C
	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 TD (59 kW) Eng.RA/SB	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C
	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (55 kW) Eng.RU	86-90	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-90	**PA1104**	•		+RB, +PS	037 121 005C
	86-90	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-90	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (83 kW) Eng.SD	86-90	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-90	**PA1104**	•		+RB, +PS	037 121 005C
	86-90	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-90	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 E (82 kW) Eng.DZ	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C
	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 E quattro (82 kW) Eng.DZ	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C
	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 quattro (83 kW) Eng.SD	86-90	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-90	**PA1104**	•		+RB, +PS	037 121 005C
	86-90	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-90	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 S (65 kW) Eng.SF	86-90	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-90	**PA1104**	•		+RB, +PS	037 121 005C
	86-90	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-90	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C

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PA279

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PA579

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PA1104

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PA1105

		GRAF ref.			NOTE	Adaptable for OES
1.8 S (66 kW) Eng.JN/NE/PM	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C
	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 S quattro (65 kW) Eng.SF	86-90	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-90	**PA1104**	•		+RB, +PS	037 121 005C
	86-90	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-90	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 S quattro (66 kW) Eng.JN/NE/PM	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C
	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C
	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 D (50 kW) Eng.1Y	89-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	89-91	**PA1104**	•		+RB, +PS	037 121 005C
	89-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	89-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 quattro	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C
	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 (85 kW) Eng.AAD	90-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	90-91	**PA1104**	•		+RB, +PS	037 121 005C
	90-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 E (82 kW) Eng.3A	88-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	88-91	**PA1104**	•		+RB, +PS	037 121 005C
	88-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	88-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 E 16v (101 kW) Eng.6A	90-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	90-91	**PA1104**	•		+RB, +PS	037 121 005C
	90-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 E 16v quattro (101 kW) Eng.6A	90-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	90-91	**PA1104**	•		+RB, +PS	037 121 005C
	90-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 E quattro (82 kW) Eng.3A	88-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	88-91	**PA1104**	•		+RB, +PS	037 121 005C
	88-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	88-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 quattro (85 kW) Eng.AAD	90-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	90-91	**PA1104**	•		+RB, +PS	037 121 005C
	90-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.3 E quattro (98 kW) Eng.NG	91-92	**PA103**		•	Ch -F89J394742	035 121 004/ A/ AV/ AX,035 121 005E
	91-92	**PA383**		•	Ch F89J394743-	034 121 004/ V/ X,034 121 005D
80 IV (8C, B4), Avant '9/91-'1/96						
1.6 (52 kW) Eng.ABM	91-94	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-94	**PA1104**	•		+RB, +PS	037 121 005C

PA103

PA279

PA383

PA579

PA591

PA592

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PA1104

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PA1105

		GRAF ref.			NOTE	Adaptable for OES
1.6 (52 kW) Eng.ABM	91-94	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-94	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 E (74 kW) Eng.ADA	91-96	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-96	**PA1104**	•		+RB, +PS	037 121 005C
	91-96	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-96	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TD (55 kW) Eng.AAZ	91-94	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-94	**PA1104**	•		+RB, +PS	037 121 005C
	91-94	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-94	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TDi (66 kW) Eng.1Z	91-96	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-96	**PA1104**	•		+RB, +PS	037 121 005C
	91-96	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-96	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 (66 kW) Eng.ABT	91-96	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-96	**PA1104**	•		+RB, +PS	037 121 005C
	91-96	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-96	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 E (85 kW) Eng.ABK	91-96	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-96	**PA1104**	•		+RB, +PS	037 121 005C
	91-96	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-96	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 E 16v (103 kW) Eng.ACE	92-96	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	92-96	**PA1104**	•		+RB, +PS	037 121 005C
	92-96	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	92-96	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 E 16v quattro (103 kW) Eng.ACE	92-96	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	92-96	**PA1104**	•		+RB, +PS	037 121 005C
	92-96	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	92-96	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 E quattro (85 kW) Eng.ABK	91-96	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-96	**PA1104**	•		+RB, +PS	037 121 005C
	91-96	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-96	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.2 S2 quattro (169 kW) Eng.ABY	93-95	**PA591**		•		054 121 004/ A/ AV/ AX
2.3 E (98 kW) Eng.NG	91-96	**PA591**		•		054 121 004/ A/ AV/ AX
2.3 E quattro (98 kW) Eng.NG	91-96	**PA591**		•		054 121 004/ A/ AV/ AX
2.6 (110 kW) Eng.ABC	92-96	**PA592**		•		078 121 004B/ BV/ BX/ C/ CV/ CX
2.6 quattro (110 kW) Eng.ABC	92-96	**PA592**		•		078 121 004B/ BV/ BX/ C/ CV/ CX
2.8 (128 kW) Eng.AAH	91-96	**PA592**		•		078 121 004B/ BV/ BX/ C/ CV/ CX
2.8 quattro (128 kW) Eng.AAH	91-96	**PA592**		•		078 121 004B/ BV/ BX/ C/ CV/ CX
90 I (81, 85, B2) '10/84-'3/87						
1.6 TD (51 kW) Eng.CY	85-87	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	85-87	**PA1104**	•		+RB, +PS	037 121 005C
	85-87	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	85-87	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 (83 kW) Eng.SK	86-87	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.0, quattro (85 kW) Eng.HP/JS	84-87	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 (100 kW) Eng.HY/KV	84-87	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 (85 kW) Eng.KX	84-87	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 E quattro (100 kW) Eng.KV	84-87	**PA103**		•	Ch -F89J394742	035 121 004/ A/ AV/ AX,035 121 005E
	84-87	**PA383**		•	Ch F89J394743-	034 121 004/ V/ X,034 121 005D
2.2 E quattro (88 kW) Eng.JT	85-87	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E

PA103

PA279

PA383

PA579

PA674

PA761

PA765

PA879

PA904

PA980

PA1051

PA1089

Cuscietto Rinforzato
Reinforced Bearing

PA1104

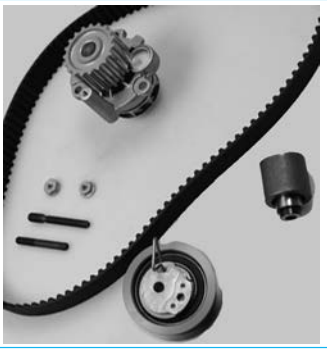
Cuscietto Rinforzato/Reinforced Bearing

PA1105

PA1137

PA1167

KP674-1



KP761-1

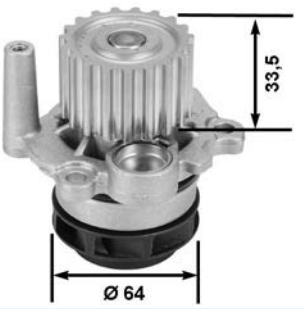
KP879-1

KP904-1

		GRAF ref.			NOTE	Adaptable for OES
90 II (89, 89Q, 8A, B3) '4/87-'9/91						
1.6 TD (59 kW) Eng.RA/SB	87-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	87-91	**PA1104**	•		+RB, +PS	037 121 005C
	87-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	87-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 (85 kW) Eng.PS	88-91	**PA103**		•	Ch -F89J394742	035 121 004/ A/ AV/ AX,035 121 005E
	88-91	**PA383**		•	Ch F89J394743-	034 121 004/ V/ X,034 121 005D
2.0 20v (118 kW) Eng.NM	88-91	**PA383**		•		034 121 004/ V/ X,034 121 005D
2.0 20v quattro (118 kW) Eng.NM	88-91	**PA383**		•		034 121 004/ V/ X,034 121 005D
2.0 quattro (85 kW) Eng.PS	88-91	**PA103**		•	Ch -F89J394742	035 121 004/ A/ AV/ AX,035 121 005E
	88-91	**PA383**		•	Ch F89J394743-	034 121 004/ V/ X,034 121 005D
2.2 E (100 kW) Eng.KV	87-91	**PA103**		•	Ch -F89J394746	035 121 004/ A/ AV/ AX,035 121 005E
	87-91	**PA383**		•	Ch F89J394747-	034 121 004/ V/ X,034 121 005D
2.2 E quattro (100 kW) Eng.KV	87-91	**PA103**		•	Ch -F89J394746	035 121 004/ A/ AV/ AX,035 121 005E
	87-91	**PA383**		•	Ch F89J394747-	034 121 004/ V/ X,034 121 005D
2.3 E (100 kW) Eng.NG	87-91	**PA103**		•	Ch -F89J396702	035 121 004/ A/ AV/ AX,035 121 005E
	87-91	**PA383**		•	Ch F89J396703-	034 121 004/ V/ X,034 121 005D
2.3 E (98 kW) Eng.NG	87-91	**PA103**		•	Ch -F89J396702	035 121 004/ A/ AV/ AX,035 121 005E
	87-91	**PA383**		•	Ch F89J396703-	034 121 004/ V/ X,034 121 005D
2.3 E 20v (123-125 kW) Eng.7A	88-91	**PA383**		•		034 121 004/ V/ X,034 121 005D
2.3 E 20v quattro (123-125 kW) Eng.7A	88-91	**PA383**		•		034 121 004/ V/ X,034 121 005D
2.3 E quattro (100 kW) Eng.NG	87-91	**PA103**		•	Ch -F89J394742	035 121 004/ A/ AV/ AX,035 121 005E
	87-91	**PA383**		•	Ch F89J394743-	034 121 004/ V/ X,034 121 005D
2.3 E quattro (98 kW) Eng.NG	87-91	**PA103**		•	Ch -F89J394742	035 121 004/ A/ AV/ AX,035 121 005E
	87-91	**PA383**		•	Ch F89J394743-	034 121 004/ V/ X,034 121 005D
A1 (8X1, 2, A), Sportback '5/10-						
1.2 TFSi (63 kW) Eng.CBZA	10-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.4 TFSi (90 kW) Eng.CAXA,CNVA	10-	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 TDi (66 kW) Eng.CAYB	11-	**PA1089**		•		03L 121 011/ H
1.6 TDi (77 kW) Eng.CAYC	10-	**PA1089**		•		03L 121 011/ H
2.0 TDI (100 kW) Eng.CFHB	12-	**PA1137**				03L 121 011C/ J
2.0 TDi (105 kW) Eng.CFHD	11-	**PA1137**				03L 121 011C/ J
2.0 TFSi quattro (188 kW) Eng.CDLH	12-	**PA980**		•		06A 121 011R,06F 121 011
A2 (8Z0) '2/00-						
1.2 TDi (45 kW) Eng.ANY	01-	**PA761**		•	Ch -8Z2070000	045 121 011B
	01-	**PA879**		•	Ch 8Z2070001-	045 121 011F/ H
1.4 (55 kW) Eng.AUA/BBY	00-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	2/00-	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 TDi (55 kW) Eng.AMF/BHC	00-	**PA761**		•	Ch -8Z2070000	045 121 011B
	00-	**PA879**		•	Ch 8Z2070001-	045 121 011F/ H
	2/00-	**KP761-1**		•	Eng.AMF, Belt:120x30, PA761, Ch 8Z2017001-8Z2070000	045 121 011B/ BV/ BX
	2/00-	**KP879-1**		•	Eng.BHC, Belt:120x30, PA879, Ch 8Z2070001-	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.4 TDi (66 kW) Eng.ATL	03-	**PA761**		•	Ch -873000001	045 121 011B
	03-	**PA879**		•	Ch 873000001-	045 121 011F/ H
	11/03-	**KP879-1**		•	Belt:120x30, PA879, Ch 8Z3000001-	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.6 FSI (81 kW) Eng.BAD	02-	**PA765**		•		036 121 005F/ P,036 121 008G
A3 I (8L1) '9/96-'4/03						
1.6 (74 kW) Eng.AEH/AKL/APF	96-00	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	9/96-8/00	**KP904-1**		•	Belt:138x23, PA904	06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q

PA679

PA731



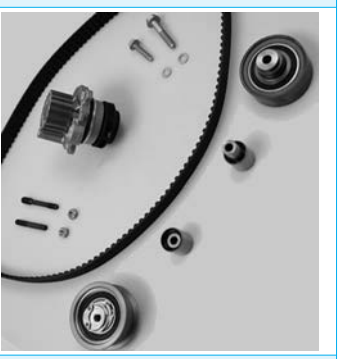
PA762

PA779

PA878

PA904

PA947

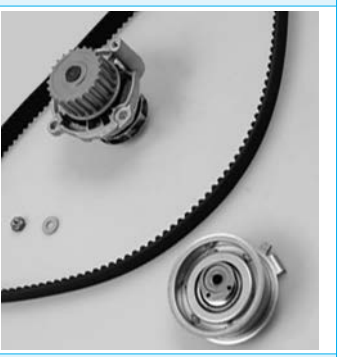


KP731-1

KP762-1

KP762-2

KP878-1



KP904-1

KP947-2

KP947-4

		GRAF ref.			NOTE	Adaptable for OES
1.6 (75 kW) Eng.AVU/BFQ	8/00-4/03	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	8/00-4/03	**KP904-1**		•	Belt:138x23, PA904	06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q
1.8 S3 quattro (154 kW) Eng.AMK/APY/AUL	99-03	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	3/99-4/03	**KP947-4**		•	Eng.AMK, AUL, Belt:150x23, PA947, Ch 8LY125001-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 S3 quattro (165 kW) Eng.BAM	01-03	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	10/01-4/03	**KP947-4**		•	Belt:150x23, PA947	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 T, quattro (110 kW) Eng.AGU/AQA/ARZ/ARX/AUM	96-4/03	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	12/96-4/03	**KP947-2**		•	Belt:150x23, PA947, Ch -8LY125000	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	12/96-4/03	**KP947-4**		•	Belt:150x23, PA947, Ch 8LY125001-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 T, quattro (132 kW) Eng.AJL	00-4/03	**PA679**				026 121 005F/ K/ L
	00-4/03	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.8 T, quattro (132 kW) Eng.AJQ/APP/ARY/AUQ	98-4/03	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	12/98-4/03	**KP947-2**		•	Belt:150x23, PA947, Ch -8LY125000	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	12/98-4/03	**KP947-4**		•	Belt:150x23, PA947, Ch 8LY125001-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8, quattro (92 kW) Eng.AGN/APG	96-4/03	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	9/96-4/03	**KP947-2**		•	Belt:150x23, PA947, Ch -8LY125000	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	9/96-4/03	**KP947-4**		•	Belt:150x23, PA947, Ch 8LY125001-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.9 TDi (66 kW) Eng.AGR/ALH	96-01	**PA731**		•		038 121 011/ A/ AV/ AX
	9/96-7/01	**KP731-1**		•	Belt:141x25, PA731, Eng 044443-	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (74 kW) Eng.ATD/AXR	00-4/03	**PA762**		•	Ch -8LZ2150000	038 121 011C/ D,03L 121 011B
	00-4/03	**PA878**		•	Ch 8LZ33000001-	038 121 011G/ J
	-4/02	**KP762-2**		•	Eng.ATD, Belt:120x30, PA762, Eng -165000/ Ch -8L2150000	038 121 011C/ CX/ D/ DX,03L 121 011B
	-4/02	**KP762-1**		•	Eng.AXR, Belt:120x30, PA762, Eng -165000/ Ch -8L2150000	038 121 011C/ CX/ D/ DX,03L 121 011B
	5/02-	**KP878-1**		•	Eng.ATD, Belt:120x30, PA878, Ch 8L3000001-	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX

PA731

PA878

PA879

PA904

PA905

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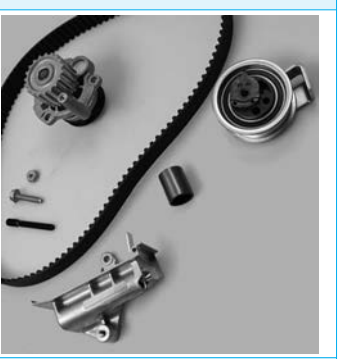
KP731-1

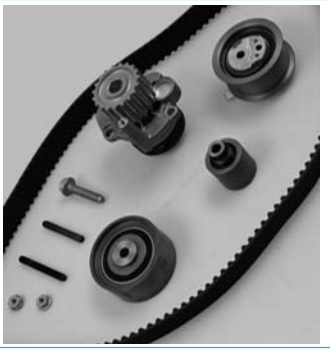
KP762-1



KP762-2

KP878-1

KP879-1



KP905-1

KP905-2

		GRAF ref.			NOTE	Adaptable for OES
1.9 TDi (81 kW) Eng.AHF/ASV	97-01	**PA731**		•		038 121 011/ A/ AV/ AX
	8/97-7/01	**KP731-1**		•	Belt:141x25, PA731, Eng 006066-	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi, quattro (96 kW) Eng.ASZ	00-03	**PA905**		•		038 121 011H/ K,03G 121 011
	8/00-4/03	**KP762-2**		•	Belt:120x30, PA762, Eng -115000/ Ch -8L2150000	038 121 011C/ CX/ D/ DX,03L 121 011B
	8/00-4/03	**KP762-1**		•	Belt:120x30, PA762, Eng 115001-/ Ch -8L2150000	038 121 011C/ CX/ D/ DX,03L 121 011B
	8/00-4/03	**KP878-1**		•	Belt:120x30, PA878, Ch 8L3000001-	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
A3 II (8P1), Sportback '5/03-						
1.2 TSi (77 kW) Eng.CBZB	10-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.4 16v TFSi (92 kW) Eng.CMSA/CAXC	08-	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 (75 kW) Eng.BGU/BSE/BSF/CCSA/CMXA	5/03-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.6 E-Power (75 kW) Eng.CMXA	11-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.6 FSI (85 kW) Eng.BAG/BLF/BLP	03-	**PA954**				03C 121 005D/ S
1.6 TDi (66 kW) Eng.CAYB	09-	**PA1089**		•		03L 121 011/ H
1.6 TDi (77 kW) Eng.CAYC	09-	**PA1089**		•		03L 121 011/ H
1.8 16v TFSi, quattro (118 kW) Eng.BYT/BZB/CDAA	07-	**PA1072**	•		Eng. BYT, BZB	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
	07-	**PA1071**	•		Eng. CDAA	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
1.9 TDi (77 kW) Eng.BLS/BKC/BXE	5/03-	**PA879**		•		045 121 011F/ H
	5/03-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
2.0 FSI (110 kW) Eng.AXW/BHD/BLR/BLX/BLY/BMB/BVY/BVZ	5/03-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 TDi (120 kW) Eng.BUY	06-	**PA905**		•		038 121 011H/ K,03G 121 011
	06-	**KP905-2**		•	Belt:141x30, PA905	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TDi, quattro (100 kW) Eng.AZV/CBAA/CFFA	08-	**PA1089**		•	Eng. CFFA	03L 121 011/ H
	5/03-	**PA905**		•	Eng. AZV, CBAA	038 121 011H/ K,03G 121 011
	-1/07	**KP905-1**		•	Eng.AZV, Belt:141x30, PA905	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
	2/07-	**KP905-2**		•	Eng.AZV, Belt:141x30, PA905	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TDi, quattro (103 kW) Eng.BKD/CBAB/CFFB	08-	**PA1089**		•	Eng. CFFB	03L 121 011/ H
	5/03-	**PA905**		•	Eng. BKD/ CBAB	038 121 011H/ K,03G 121 011
	-1/07	**KP905-1**		•	Eng.BKD, Belt:141x30, PA905	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
	1/07-	**KP905-2**		•	Eng.BKD, Belt:141x30, PA905	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TDi, quattro (125 kW) Eng.BMN/CBBB/CFGB	06-	**PA905**		•	Eng. BMN	038 121 011H/ K,03G 121 011
	06-	**PA1090**		•	Eng. CBBB	03L 121 011G
	06-	**PA1137**			Eng. CFGB	03L 121 011C/ J
	06-	**KP905-2**		•	Eng.BMN, Belt:141x30, PA905	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TDi, quattro, Sportback (103 kW) Eng.BMM	05-	**PA878**		•	Ch -8P6131500	038 121 011G/ J

PA679

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PA980

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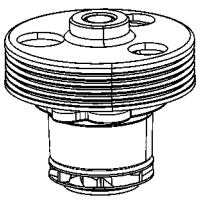
PA1167



PA1220

KP878-1

KP904-1

KP980-1

		GRAF ref.			NOTE	Adaptable for OES
2.0 TDi, quattro, Sportback (103 kW) Eng.BMM	05-	**PA1090**		•	Ch 8P6131501-	03L 121 011G
	11/05-	**KP878-1**		•	Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 TFSI, quattro (147 kW) Eng.AXX/BWA/CAWB/CBFA/CCZA	04-	**PA1071**	•		Eng. CAWB	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
	04-	**PA1072**	•		Eng. CCZA, CCTA	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
	04-	**PA980**		•	Eng. BWA, AXX	06A 121 011R,06F 121 011
	04-4/10	**PA1072**	•		Eng. CBFA	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
	9/04-	**KP980-1**		•	Belt:148x23, PA980	06F 121 011/ X,06F 198 119A
3.2, quattro (184 kW) Eng.BDB/BMJ/BUB	03-	**PA1041**		•		022 121 011/ A/ L/ V
RS3 quattro (250 kW) Eng.CEPA	11-	**PA1220**				07K 121 011G
S3 2.0 16v TFSI quattro (195 kW) Eng.BHZ/CDLA	06-	**PA980**		•		06A 121 011R,06F 121 011
S3 quattro (188 kW) Eng.BZC/CDLC	07-	**PA980**		•		06A 121 011R,06F 121 011
						A3 II Cabrio '4/08-
1.2 TFSi (77 kW) Eng.CBZB	10-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.6 (75 kW) Eng.BSE	08-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	08-	**KP904-1**		•	Belt:138x23, PA904	06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q
1.6 TDi (77 kW) Eng.CAYC	09-	**PA1089**		•		03L 121 011/ H
1.8 16v TFSi (118 kW) Eng.BYT/BZB/CDAA	08-	**PA1072**	•		Eng. BYT, BZB	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
	08-	**PA1071**	•		Eng. CDAA	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
1.9 TDi (77 kW) Eng.BLS/BKC/BXE	08-	**PA879**		•		045 121 011F/ H
2.0 16v TFSi (147 kW) Eng.AXX/BWA/CAWB/CCTA	08-	**PA1071**	•		Eng. CAWB	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
	08-	**PA1072**	•		Eng. CCZA, CCTA	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
	08-	**PA980**		•	Eng. BWA, AXX	06A 121 011R,06F 121 011
2.0 TDi (100 kW) Eng.CBAA/CFFA	08-	**PA762**		•	Eng. CBAA	038 121 011C/ D,03L 121 011B
	08-	**PA1137**			Eng. CFFA	03L 121 011C/ J
2.0 TDi (103 kW) Eng.CBAB/CFFB	08-	**PA762**		•	Eng. CBAB	038 121 011C/ D,03L 121 011B
	08-	**PA1137**			Eng. CFFB	03L 121 011C/ J
						A4 I (8D2, B5), Avant '1/95-'9/01
1.6 (74 kW) Eng.ADP	95-00	**PA679**				026 121 005F/ K/ L
	95-00	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.6i (74 kW) Eng.AHL/ANA/ARM	95-00	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	1/95-7/00	**KP904-1**		•	Belt:138x23, PA904	06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q
1.6i (75 kW) Eng.ALZ	00-00	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.8 (85 kW) Eng.AFY	95-01	**PA679**				026 121 005F/ K/ L
	95-01	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.8 (92 kW) Eng.APT/ARG/AVV	95-01	**PA679**				026 121 005F/ K/ L
	95-01	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.8 (Exc. Avant) (95 kW) Eng.ADR	95-00	**PA679**				026 121 005F/ K/ L
	95-00	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.8 quattro (85 kW) Eng.AFY	95-01	**PA679**				026 121 005F/ K/ L
	95-01	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.8 quattro (92 kW) Eng.APT/ARG/AVV	95-01	**PA679**				026 121 005F/ K/ L
	95-01	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.8 T. (110 kW) Eng.AEB/ANB/APU/ARK	95-01	**PA679**				026 121 005F/ K/ L
	95-01	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X

PA609

PA618A

PA679

PA763

PA779

girante/impeller
h 27,4 mm on ø 55

PA868

8 Pale / Vane

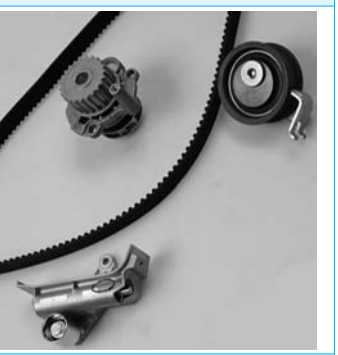
PA905

PA947

KP762-2

KP868-1

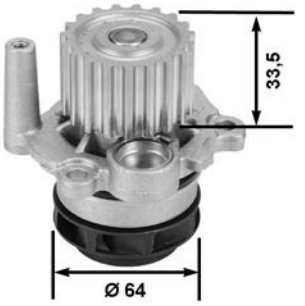
KP947-3



KP947-4

		GRAF ref.			NOTE	Adaptable for OES
1.8 T. (110 kW) Eng.AWT	95-01	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	1/95-9/01	**KP947-4**		•	Belt:150x23, PA947, Ch -8D1042384	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
	1/95-9/01	**KP947-3**		•	Belt:150x23, PA947, Ch 8D1042385-	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X
1.8 T. quattro (110 kW) Eng.AEB/ANB/APU/ARK	95-01	**PA679**				026 121 005F/ K/ L
	95-01	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.8 T. quattro (110 kW) Eng.AWT	95-01	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	1/95-9/01	**KP947-4**		•	Belt:150x23, PA947, Ch -8D1042384	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
	1/95-9/01	**KP947-3**		•	Belt:150x23, PA947, Ch 8D1042385-	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X
1.8 T., quattro (132 kW) Eng.AJL	97-9/01	**PA679**				026 121 005F/ K/ L
	97-9/01	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.8, quattro (92 kW) Eng.ADR	95-01	**PA679**				026 121 005F/ K/ L
	95-01	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.9 DUO Avant (66 kW) Eng.AHU	98-01	**PA609**				028 121 004/ V/ X
1.9 TDi (55 kW) Eng.AFF	95-01	**PA609**				028 121 004/ V/ X
1.9 TDi (66 kW) Eng.1Z	95-01	**PA609**				028 121 004/ V/ X
1.9 TDi (66 kW) Eng.AHH/AHU	95-01	**PA609**				028 121 004/ V/ X
1.9 TDi (81 kW) Eng.AFN/AVG	95-01	**PA609**				028 121 004/ V/ X
1.9 TDi (85 kW) Eng.AJM/ATJ	00-01	**PA905**		•		038 121 011H/ K,03G 121 011
	3/00-9/01	**KP762-2**		•	Belt:120x30, PA762, Ch -8E2295000	038 121 011C/ CX/ D/ DX,03L 121 011B
1.9 TDi quattro (81 kW) Eng.AFN/AVG	95-01	**PA609**				028 121 004/ V/ X
1.9 TDi quattro (85 kW) Eng.AJM/ATJ	00-01	**PA905**		•		038 121 011H/ K,03G 121 011
	3/00-9/01	**KP762-2**		•	Belt:120x30, PA762, Ch -8E2295000	038 121 011C/ CX/ D/ DX,03L 121 011B
2.4 (120 kW) Eng.AJG/AMM/APZ	97-01	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.4 (121 kW) Eng.AGA/ALF/AML/APS/ARJ	97-01	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.4 quattro (120 kW) Eng.AJG/AMM/APZ	97-01	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.4 quattro (121 kW) Eng.AGA/ALF/AML/APS/ARJ	97-01	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.5 TDi (110 kW) Eng.AFB	97-01	**PA868**		•		059 121 004B/ C/ D/ E
2.5 TDi (110 kW) Eng.AKN	97-01	**PA868**		•		059 121 004B/ C/ D/ E
	9/97-9/01	**KP868-1**		•	Eng.AKN, Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.5 TDi quattro (110 kW) Eng.AFB	97-01	**PA868**		•		059 121 004B/ C/ D/ E
2.5 TDi quattro (110 kW) Eng.AKN	97-01	**PA868**		•		059 121 004B/ C/ D/ E
	9/97-9/01	**KP868-1**		•	Eng.AKN, Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.6 (110 kW) Eng.ABC	95-01	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.6 quattro (110 kW) Eng.ABC	95-01	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.7 RS4 quattro Avant (280 kW) Eng.ASJ/AZR	00-01	**PA763**		•		078 121 004L/ R,078 121 006A
2.7 S4 quattro (195 kW) Eng.AGB	97-01	**PA763**		•		078 121 004L/ R,078 121 006A
2.7 T. quattro (Exc. Avant) (169 kW) Eng.AJK	99-00	**PA763**		•		078 121 004L/ R,078 121 006A
2.8 (128 kW) Eng.AAH	95-97	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006

PA618A



PA762

girante/impeller
h 27,4 mm on ø 55

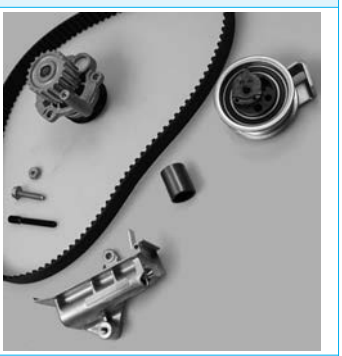
PA868

PA878

PA904

PA947

KP762-1



KP762-2

KP878-1

KP947-3

		GRAF ref.			NOTE	Adaptable for OES
2.8 (142 kW) Eng.ACK/ALG/AMX/APR/AQD	96-01	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.8 quattro (128 kW) Eng.AAH	95-97	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.8 quattro (142 kW) Eng.ACK/ALG/AMX/APR/AQD	96-01	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
A4 II (8E2, B6), Avant '11/00-'10/04						
1.6 (75 kW) Eng.ALZ	00-04	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.8 T., quattro (110 kW) Eng.AVJ	00-02	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	11/00-7/02	**KP947-3**		•	Belt:150x23, PA947	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X
1.8 T., quattro (120 kW) Eng.BFB	02-04	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	7/02-10/04	**KP947-3**		•	Belt:150x23, PA947	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X
1.8 T., quattro (125 kW) Eng.AMB	01-04	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
1.8 T., quattro (140 kW) Eng.BEX	02-04	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	11/02-10/04	**KP947-3**		•	Belt:150x23, PA947	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X
1.9 TDi (74 kW) Eng.AVB	01-04	**PA762**		•		038 121 011C/ D,03L 121 011B
	5/01-10/04	**KP762-2**		•	Belt:120x30, PA762, Ch -8E2285000	038 121 011C/ CX/ D/ DX,03L 121 011B
	5/01-10/04	**KP762-1**		•	Belt:120x30, PA762, Ch 8E2285001-8E2295000	038 121 011C/ CX/ D/ DX,03L 121 011B
	5/01-10/04	**KP878-1**		•	Belt:120x30, PA878, Ch 8E2295001-	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
1.9 TDi (85 kW) Eng.BKE	04-04	**PA762**		•		038 121 011C/ D,03L 121 011B
	6/04-10/04	**KP878-1**		•	Belt:120x30, PA878, Ch 8E2297101-	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
1.9 TDi (96 kW) Eng.AVF/AWX	00-04	**PA762**		•	Ch -8E2295000	038 121 011C/ D,03L 121 011B
	00-04	**PA878**		•	Ch 8E2295001-	038 121 011G/ J
	11/00-10/04	**KP762-2**		•	Belt:120x30, PA762, Ch -8E2285000	038 121 011C/ CX/ D/ DX,03L 121 011B
	11/00-10/04	**KP762-1**		•	Belt:120x30, PA762, Ch 8E2285001-8E2295000	038 121 011C/ CX/ D/ DX,03L 121 011B
	11/00-10/04	**KP878-1**		•	Belt:120x30, PA878, Ch 8E2295001-	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
1.9 TDi quattro (96 kW) Eng.AVF/AWX	00-04	**PA762**		•	Ch -8E2295000	038 121 011C/ D,03L 121 011B
	00-04	**PA878**		•	Ch 8E2295001-	038 121 011G/ J
	11/00-10/04	**KP762-2**		•	Belt:120x30, PA762, Ch -8E2285000	038 121 011C/ CX/ D/ DX,03L 121 011B
	11/00-10/04	**KP762-1**		•	Belt:120x30, PA762, Ch 8E2285001-8E2295000	038 121 011C/ CX/ D/ DX,03L 121 011B
	11/00-10/04	**KP878-1**		•	Belt:120x30, PA878, Ch 8E2295001-	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 (96 kW) Eng.ALT	00-04	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 FSI (110 kW) Eng.AWA	02-04	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.4 (120 kW) Eng.AMM	01-04	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.4 (125 kW) Eng.BDV	01-04	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.5 TDi (114 kW) Eng.AYM	01-02	**PA868**		•		059 121 004B/ C/ D/ E

PA618A

PA868

PA878

PA881

PA904

PA947

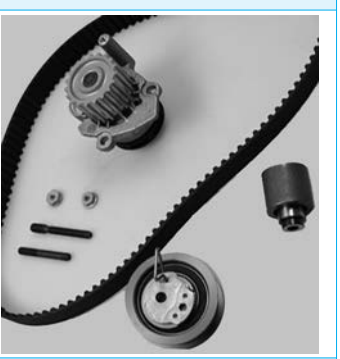
PA979

PA980

PA1151

PA1153

KP868-1



KP878-1

KP904-1

KP947-3

KP980-1

		GRAF ref.			NOTE	Adaptable for OES
2.5 TDi (114 kW) Eng.AYM	8/01-7/02	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.5 TDi (120 kW) Eng.BCZ/BDG/BFC	02-04	**PA868**		•		059 121 004B/ C/ D/ E
	7/02-10/04	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.5, TDi quattro (132 kW) Eng.AKE/BAU/BDH	01-04	**PA868**		•		059 121 004B/ C/ D/ E
	9/01-10/04	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
3.0, quattro (162 kW) Eng.ASN/AVK	00-04	**PA881**		•		06C 121 004C/ G/ H
4.1 S4 quattro (253 kW) Eng.BBK	03-04	**PA1153**	•			057 121 011E,079 121 011F/ H 079 121 012B/ J/ K,079 121 014D
A4 II Cabrio (8H7) '4/02-						
1.8 (125 kW) Eng.AMB	02-05	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
1.8 T., quattro (120 kW) Eng.BFB	02-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	7/02-	**KP947-3**		•	Belt:150x23, PA947	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X
2.0 (96 kW) Eng.ALT	04-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 TDi (100 kW) Eng.BRC	06-	**PA878**		•		038 121 011G/ J
	06-	**KP878-1**		•	Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 TDi (103 kW) Eng.BPW	05-	**PA878**		•		038 121 011G/ J
	10/05-	**KP878-1**		•	Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 TFSI (147 kW) Eng.BWE	06-	**PA980**		•		06A 121 011R,06F 121 011
	1/06-	**KP980-1**		•	Belt:148x23, PA980	06F 121 011/ X,06F 198 119A
2.4 (120 kW) Eng.AMM	02-	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.4 (125 kW) Eng.BDV	02-	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.5 TDi (120 kW) Eng.BCZ/BDG/BFC	02-	**PA868**		•		059 121 004B/ C/ D/ E
	8/02-	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.7 TDi (132 kW) Eng.BPP	06-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 (160 kW) Eng.BBJ	02-05	**PA881**		•		06C 121 004C/ G/ H
3.0 TDi quattro (150 kW) Eng.BKN	06-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi quattro (171 kW) Eng.ASB	05-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0, quattro (162 kW) Eng.ASN	02-	**PA881**		•		06C 121 004C/ G/ H
3.2 FSI, quattro (188 kW) Eng.AUK	05-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
4.1 S4 quattro (253 kW) Eng.BBK	04-	**PA1151**				079 121 012D,079 121 014F
A4 III (8EC), Avant '11/04-'10/07						
1.6 (75 kW) Eng.ALZ	04-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	11/04-10/07	**KP904-1**		•	Belt:138x23, PA904	06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q

PA762

PA868

PA878

PA881

PA904

PA905

PA947

PA979

PA980

PA1071

PA1072

PA1090

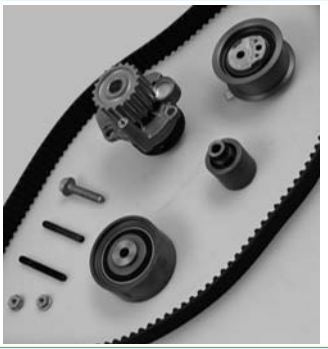
PA1137

PA1151

PA1153

KP868-1

KP878-1



KP905-1

KP947-3

KP980-1

		GRAF ref.			NOTE	Adaptable for OES
1.8 T, quattro (120 kW) Eng.BFB	04-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	11/04-10/07	**KP947-3**		•	Belt:150x23, PA947	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X
1.9 TDi (85 kW) Eng.BKE/BRB	04-	**PA878**		•		038 121 011G/ J
	11/04-10/07	**KP878-1**		•	Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 (96 kW) Eng.ALT	04-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 FSi (125 kW) Eng.BPJ/BYK	06-07	**PA980**		•		06A 121 011R,06F 121 011
2.0 TDi (100 kW) Eng.BNA/BRF	04-07	**PA905**		•		038 121 011H/ K,03G 121 011
	11/04-10/07	**KP905-1**		•	Belt:141x30, PA905	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
2.0 TDi (89 kW) Eng.BVG	05-06	**PA905**		•		038 121 011H/ K,03G 121 011
2.0 TDi (93 kW) Eng.BVF	05-07	**PA905**		•		038 121 011H/ K,03G 121 011
2.0 TDi, quattro (103 kW) Eng.BLB/BRE/BPW	04-	**PA905**		•	Eng. BLB, BRE	038 121 011H/ K,03G 121 011
	04-	**PA878**		•	Eng. BPW	038 121 011G/ J
	11/04-10/07	**KP878-1**		•	Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 TDi, quattro (120 kW) Eng.BVA	06-07	**PA905**		•		038 121 011H/ K,03G 121 011
2.0 TDi, quattro (125 kW) Eng.BMN/BRD	06-07	**PA905**		•		038 121 011H/ K,03G 121 011
2.0 TFSI, quattro (147 kW) Eng.BGB/BWE	04-	**PA980**		•		06A 121 011R,06F 121 011
	11/04-10/07	**KP980-1**		•	Belt:148x23, PA980	06F 121 011/ X,06F 198 119A
2.0 TFSI, quattro (162 kW) Eng.BUL	05-07	**PA980**		•		06A 121 011R,06F 121 011
	6/05-10/07	**KP980-1**		•	Belt:148x23, PA980	06F 121 011/ X,06F 198 119A
2.5 TDi (120 kW) Eng.BCZ/BDG	04-	**PA868**		•		059 121 004B/ C/ D/ E
	11/04-10/07	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.7 TDi (132 kW) Eng.BPP	06-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
2.7 TDi Avant (120 kW) Eng.BSG	05-07	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi quattro (150 kW) Eng.BKN	04-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi quattro (171 kW) Eng.ASB	06-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0, quattro (Exc. Avant) (160 kW) Eng.BBJ	05-07	**PA881**		•		06C 121 004C/ G/ H
3.2 FSI, quattro (188 kW) Eng.AUK	05-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
S4 quattro (253 kW) Eng.BBK/BHF	04-07	**PA1153**	•		Eng. BBK	057 121 011E,079 121 011F/ H 079 121 012B/ J/ K,079 121 014D
	04-07	**PA1151**			Eng. BHF	079 121 012D,079 121 014F
A4 IV (8K2, K5), Avant '11/07-						
1.8 16v TFSI (88 kW) Eng.CABA/CDHA	08-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
1.8 16v TFSI, quattro (118 kW) Eng.CABB/CDHB/CCUA	07-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TDi (100 kW) Eng.CAGB/CJCB	07-	**PA1090**		•		03L 121 011G
2.0 TDi (120 kW) Eng.CAHB/CGLD	08-	**PA1090**		•	CAHB	03L 121 011G
	08-	**PA1137**			CGLD	03L 121 011C/ J
2.0 TDi (88 kW) Eng.CAGC/CJCC	08-	**PA762**		•		038 121 011C/ D,03L 121 011B
2.0 TDi, quattro (105 kW) Eng.CAGA/CJCA/CMEA/CMFA	07-	**PA762**		•		038 121 011C/ D,03L 121 011B
2.0 TDi, quattro (125 kW) Eng.CAHA	08-	**PA1090**		•		03L 121 011G
2.0 TDi, quattro (130 kW) Eng.CGLC/CMGB	12-	**PA1137**				03L 121 011C/ J
2.0 TFSI (132 kW) Eng.CAEA/CDNB/CDZA	08-	**PA1071**	•			06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L

PA979

PA1050

PA1071

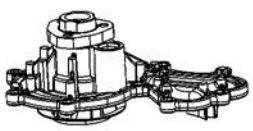
PA1072

PA1089

PA1090

PA1137

PA1141



PA1202

		GRAF ref.			NOTE	Adaptable for OES
2.0 TFSi flex, quattro (132 kW) Eng.CFKA	09-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TFSI, quattro (155 kW) Eng.CDNC/CADA/CAEB/CPMA	08-5/09	**PA1071**	•			06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
	5/09-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.7 TDi (120 kW) Eng.CAMB/CGKB	07-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
2.7 V6 TDi (140 kW) Eng.CAMA/CGKA	07-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi V6, quattro (180 kW) Eng.CDUC/CKVB	12-	**PA1141**				059 121 005T,059 121 008A
3.0 TDi, quattro (155 kW) Eng.CCWB	08-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 V6 TDi (150 kW) Eng.CLAB	12-	**PA1141**				059 121 005T,059 121 008A
3.0 V6 TDi, quattro (176 kW) Eng.CAPA/CCWA/CCLA	07-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 V6 TFSI S4 (242-245 kW) Eng.CAKA/CCBA/CGWC/CGXC	09-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.2 FSi Quattro (192 kW) Eng.CALA	08-	**PA1050**				06E 121 005G/ P,06E 121 008P
3.2 V6 FSI, quattro (196 kW) Eng.CALA	07-	**PA1050**				06E 121 005G/ P,06E 121 008P
A4 IV (8KH) Allroad '5/09-						
2.0 TDi (100 kW) Eng.CAGB/CJCB	09-	**PA1137**				03L 121 011C/ J
2.0 TDi (105 kW) Eng.CAGA/CJCA	09-	**PA1137**				03L 121 011C/ J
2.0 TDi (120 kW) Eng.CAHB/CGLD	09-	**PA1090**		•		03L 121 011G
2.0 TDi (125 kW) Eng.CAHA	09-	**PA1090**		•		03L 121 011G
2.0 TDi, quattro (130 kW) Eng.CGLC	12-	**PA1137**				03L 121 011C/ J
2.0 TFSI (155 kW) Eng.CDNC/CPMA	5/09-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
3.0 TDi (176 kW) Eng.CAPA/CCWA	09-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 V6 TDi (180 kW) Eng.CKVB/CDUC	12-	**PA1202**				059 121 008
A5 (8T3), Sportback '5/07-						
1.8 16v TFSI, quattro, Coupe, Cabrio (125 kW) Eng.CABD/CJEB	08-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
1.8 TFSI, Cabrio (118 kW) Eng.CDHB	09-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TDi (100 kW) Eng.CAGB	09-	**PA1090**		•		03L 121 011G
2.0 TDi (120 kW) Eng.CAHB/CGLD	09-	**PA1090**		•	Eng. CAHB	03L 121 011G
	09-	**PA1137**			Eng. CGLD	03L 121 011C/ J
2.0 TDi, Cabrio (105 kW) Eng.CAGA/CMEA/CJCA	09-	**PA1089**		•	Eng. CJCA	03L 121 011/ H
2.0 TDi, Coupe, Cabrio (125 kW) Eng.CAHA	09-	**PA1090**		•		03L 121 011G
2.0 TDi, Coupe, Cabrio, quattro (130 kW) Eng.CGLC	11-	**PA1137**				03L 121 011C/ J
2.0 TFSi, Coupe (132 kW) Eng.CDNB/CAEA	09-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TFSI, quattro, Coupe, Cabrio (155 kW) Eng.CDNC/CAEB	08-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.7 TDi (120 kW) Eng.CAMB/CGKB	07-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
2.7 TDi (140 kW) Eng.CGKA	09-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
2.7 V6 TDi, Coupe, Cabrio (140 kW) Eng.CAMA	07-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi quattro (155 kW) Eng.CCWB	08-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi quattro (176 kW) Eng.CCWA	09-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi quattro, Coupe (176 kW) Eng.CAPA	07-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 V6 TDi Coupe, Cabrio (150 kW) Eng.CLAB	11-	**PA1141**			Eng. CLAB	059 121 005T,059 121 008A
3.0 V6 TDi Coupe, Cabrio, Quattro (180 kW) Eng.CJGD/CLZB/CRCA/CDUC/CKVB	11-	**PA1141**				059 121 005T,059 121 008A
3.2 V6 FSI, quattro, Coupe, Cabrio (195 kW) Eng.CALA	07-	**PA1050**				06E 121 005G/ P,06E 121 008P
S5 3.0 V6 TFSI quattro Cabrio, Coupe (245 kW) Eng.CAKA/CGWC/CGXC	09-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A

PA279

PA579

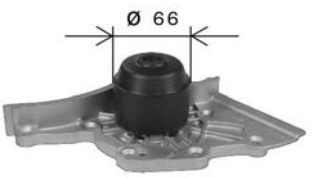
PA591

PA592

PA609

PA618A

PA679



PA757

PA758

PA779

PA904

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

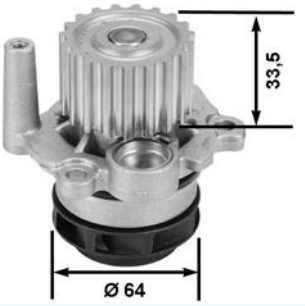
PA1153

		GRAF ref.			NOTE	Adaptable for OES
S5 4.2 V8 quattro (260 kW) Eng.CAUA	07-	**PA1153**	•			057 121 011E,079 121 011F/ H 079 121 012B/ J/ K,079 121 014D
A6 I (4A, C4), Avant '6/94-'2/97						
1.8, quattro (92 kW) Eng.ADR	95-97	**PA679**				026 121 005F/ K/ L
	95-97	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.9 TDi (66 kW) Eng.1Z	94-97	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	94-97	**PA1104**	•		+RB, +PS	037 121 005C
	94-97	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	94-97	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TDi (66 kW) Eng.AHU	94-97	**PA609**				028 121 004/ V/ X
2.0 (74 kW) Eng.AAE	94-97	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	94-97	**PA1104**	•		+RB, +PS	037 121 005C
	94-97	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	94-97	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 (85 kW) Eng.ABK	94-97	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	94-97	**PA1104**	•		+RB, +PS	037 121 005C
	94-97	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	94-97	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 16v (103 kW) Eng.ACE	94-97	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	94-97	**PA1104**	•		+RB, +PS	037 121 005C
	94-97	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	94-97	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 16v quattro (103 kW) Eng.ACE	94-97	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	94-97	**PA1104**	•		+RB, +PS	037 121 005C
	94-97	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	94-97	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.2 S6 T. quattro (169 kW) Eng.AAN	95-97	**PA591**		•		054 121 004/ A/ AV/ AX
2.3, quattro (98 kW) Eng.AAR	94-95	**PA591**		•		054 121 004/ A/ AV/ AX
2.5 TDi (84-85 kW) Eng.AAT	95-97	**PA758**		•	+RB	074 121 004/ A/ V/ X,074 121 005M/ N/ P 076 121 005A
2.5 TDi, quattro (103 kW) Eng.AEL	94-97	**PA758**		•	+RB	074 121 004/ A/ V/ X,074 121 005M/ N/ P 076 121 005A
2.6 (102 kW) Eng.ACZ	94-97	**PA592**		•	Ch -F4AS026714	078 121 004B/ BV/ BX/ C/ CV/ CX
	94-97	**PA618A**		•	Ch F4AS026715-	078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.6 (110 kW) Eng.ABC	94-97	**PA592**		•	Ch -F4AS026714	078 121 004B/ BV/ BX/ C/ CV/ CX
	94-97	**PA618A**		•	Ch F4AS026715-	078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.6 quattro (110 kW) Eng.ABC	94-97	**PA592**		•	Ch -F4AS026714	078 121 004B/ BV/ BX/ C/ CV/ CX
	94-97	**PA618A**		•	Ch F4AS026715-	078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.8 (128 kW) Eng.AAH/AEJ	94-97	**PA592**		•	Ch -F4AS026714	078 121 004B/ BV/ BX/ C/ CV/ CX
	94-97	**PA618A**		•	Ch F4AS026715-	078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.8 quattro (128 kW) Eng.AAH/AEJ	94-97	**PA592**		•	Ch -F4AS026714	078 121 004B/ BV/ BX/ C/ CV/ CX
	94-97	**PA618A**		•	Ch F4AS026715-	078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.8, quattro (142 kW) Eng.ACK	95-97	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
4.2 S6 Plus quattro (240 kW) Eng.AHK	96-97	**PA757**		•		077 121 004F/ FV/ FX/ H
4.2 S6 quattro (213 kW) Eng.AEC	94-97	**PA757**		•		077 121 004F/ FV/ FX/ H
A6 II (4B, C5), Avant '1/97-'2/05						
1.8 (85 kW) Eng.AFY	97-05	**PA679**				026 121 005F/ K/ L
	97-05	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.8 (92 kW) Eng.AJP/AQE/ARH/ANQ	97-05	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.8 T. (110 kW) Eng.AEB/ANB/APU/AWL	97-05	**PA679**				026 121 005F/ K/ L
	97-05	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X

PA609

PA618A

PA679



PA762

PA779

girante/impeller
h 27,4 mm on ø 55

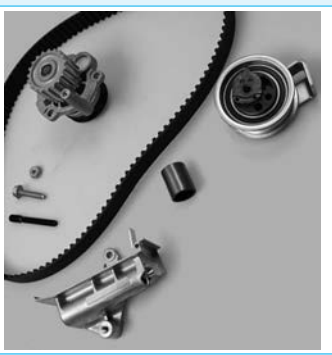
PA868

PA878

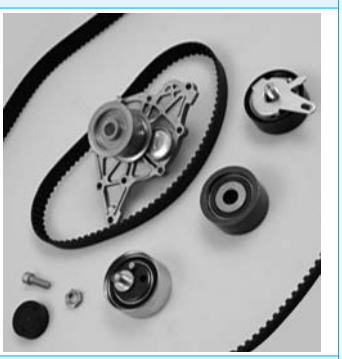
PA904

PA947

KP762-1



KP762-2



KP868-1

KP878-1

KP947-3

KP947-4

		GRAF ref.			NOTE	Adaptable for OES
1.8 T. (110 kW) Eng.AWT	97-05	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	-6/01	**KP947-4**		•	Belt:150x23, PA947	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
	6/01-	**KP947-3**		•	Belt:150x23, PA947	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X
1.8 T. (132 kW) Eng.AJL	97-05	**PA679**				026 121 005F/ K/ L
	97-05	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.8 T. quattro (110 kW) Eng.AEB/ANB/APU/ARK	97-05	**PA679**				026 121 005F/ K/ L
	97-05	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.8 T. quattro (110 kW) Eng.AWT	97-05	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	-6/01	**KP947-4**		•	Belt:150x23, PA947	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
	6/01-	**KP947-3**		•	Belt:150x23, PA947	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X
1.8 T. quattro (132 kW) Eng.AJL	97-05	**PA679**				026 121 005F/ K/ L
	97-05	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.9 TDi (81 kW) Eng.AFN	97-05	**PA609**				028 121 004/ V/ X
1.9 TDi (85 kW) Eng.AJM	00-05	**PA762**		•		038 121 011C/ D,03L 121 011B
1.9 TDi (96 kW) Eng.AVF/AWX	01-05	**PA762**		•	Ch -4B2125000	038 121 011C/ D,03L 121 011B
	01-05	**PA878**		•	Ch 4B2125001-	038 121 011G/ J
	-4/02	**KP762-2**		•	Belt:120x30, PA762, Ch -4B2120000	038 121 011C/ CX/ D/ DX,03L 121 011B
	-4/02	**KP762-1**		•	Belt:120x30, PA762, Ch 4B2120001-4B2125000	038 121 011C/ CX/ D/ DX,03L 121 011B
	5/02-	**KP878-1**		•	Belt:120x30, PA878, Ch 4B2125001-	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 (96 kW) Eng.ALT	01-05	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.4 (100 kW) Eng.ALW/ARN/ASM	98-05	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.4 (121 kW) Eng.AGA/ALF/AML/APS/ARJ	97-05	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.4 quattro (121 kW) Eng.AGA/ALF/AML/APS/ARJ	97-05	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.4, quattro (115 kW) Eng.APC	97-05	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.4, quattro (120 kW) Eng.AJG/AMM/APZ	97-05	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.4, quattro (125 kW) Eng.BDV	01-05	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.5 TDi (110 kW) Eng.AFB/AKN	97-05	**PA868**		•		059 121 004B/ C/ D/ E
	7/97-2/05	**KP868-1**		•	Eng.AKN, Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.5 TDi (114 kW) Eng.AYM	01-05	**PA868**		•		059 121 004B/ C/ D/ E
	8/01-2/05	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.5 TDi (120 kW) Eng.BCZ/BDG/BFC	02-05	**PA868**		•		059 121 004B/ C/ D/ E
	7/02-2/05	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.5 TDi (132 kW) Eng.AKE/BAU/BDH/BND	00-05	**PA868**		•		059 121 004B/ C/ D/ E

PA618A

PA763

PA764

girante/impeller
h 27,4 mm on ø 55

PA868

PA881

PA905

PA979

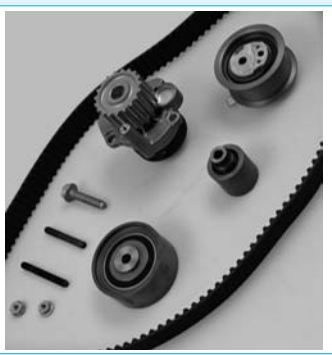
PA980

PA1050

PA1090

PA1153

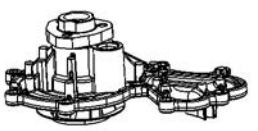
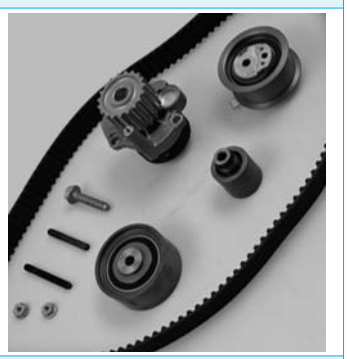
KP868-1



KP905-1

KP980-1

		GRAF ref.			NOTE	Adaptable for OES
2.5 TDi (132 kW) Eng.AKE/BAU/BDH/BND	2/00-2/05	**KP868-1**		•	Eng.AKE, Belt:207x30/87x24, PA868, Ch 4BY050001-	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.5 TDi quattro (110 kW) Eng.AFB/AKN	97-05	**PA868**		•		059 121 004B/ C/ D/ E
	7/97-2/05	**KP868-1**		•	Eng.AKN, Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.5 TDi quattro (132 kW) Eng.AKE/BAU/BDH	00-05	**PA868**		•		059 121 004B/ C/ D/ E
	2/00-2/05	**KP868-1**		•	Eng.BAU , BDH, Belt:207x30/87x24, PA868, Ch 4BY050001-	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.7 T, quattro (169 kW) Eng.AJK/AZA	97-05	**PA763**		•	Ch -4BY200000	078 121 004L/ R,078 121 006A
2.7 T. quattro (184 kW) Eng.ARE/BES	01-05	**PA763**		•		078 121 004L/ R,078 121 006A
2.8 (142 kW) Eng.ACK/ALG/AMX/APR/AQD	97-05	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.8 quattro (142 kW) Eng.ACK/ALG/AMX/APR/AQD	97-05	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.8, quattro (132 kW) Eng.AGE	97-98	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.8, quattro (140 kW) Eng.ATX	99-05	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
3.0, quattro (160 kW) Eng.BBJ	01-04	**PA881**		•		06C 121 004C/ G/ H
3.0, quattro (162 kW) Eng.ASN	01-05	**PA881**		•		06C 121 004C/ G/ H
3.7, quattro (191 kW) Eng.AQG	99-05	**PA764**		•		077 121 004M/ MX/ N/ P
4.2 quattro (220 kW) Eng.ARS/ASG/AWN	98-05	**PA764**		•		077 121 004M/ MX/ N/ P
4.2 RS6 (331 kW) Eng.BCY	02-05	**PA764**		•		077 121 004M/ MX/ N/ P
4.2 S6 quattro (250 kW) Eng.ANK/AQJ	99-05	**PA764**		•		077 121 004M/ MX/ N/ P
A6 II Allroad (4BH, C5) '5/00-'7/06						
2.5 TDi quattro (120 kW) Eng.BCZ	5/03-	**PA868**		•		059 121 004B/ C/ D/ E
	5/03-7/06	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.5 TDi quattro (132 kW) Eng.AKE/BAU	5/00-	**PA868**		•		059 121 004B/ C/ D/ E
	5/00-7/06	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.7 T. quattro (184 kW) Eng.ARE/BES	5/00-	**PA763**		•		078 121 004L/ R,078 121 006A
4.2 V8 (220 kW) Eng.BAS	02-06	**PA1153**	•			057 121 011E,079 121 011F/ H 079 121 012B/ J/ K,079 121 014D
A6 III (4F2), Avant '5/04-'1/11						
2.0 TDi (100 kW) Eng.BNA/BRF/CAGB	05-	**PA905**		•	Eng. BNA, BRF	038 121 011H/ K,03G 121 011
	05-	**PA1090**		•	Eng. CAGB	03L 121 011G
	6/05-	**KP905-1**		•	Eng.BNA, BRF, Belt:141x30, PA905	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
2.0 TDi (103 kW) Eng.BLB/BRE	04-	**PA905**		•		038 121 011H/ K,03G 121 011
	04-	**KP905-1**		•	Belt:141x30, PA905	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
2.0 TDi (125 kW) Eng.CAHA	08-	**PA1090**		•		03L 121 011G
2.0 TDi (89 kW) Eng.BVG	05-	**PA905**		•		038 121 011H/ K,03G 121 011
	05-	**KP905-1**		•	Belt:141x30, PA905	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
2.0 TFSI (125 kW) Eng.BPJ	05-	**PA980**		•		06A 121 011R,06F 121 011
	6/05-	**KP980-1**		•	Belt:148x23, PA980	06F 121 011/ X,06F 198 119A
2.4, quattro (130 kW) Eng.BDW	04-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
2.7 TDi V6 (140 kW) Eng.CANA/CANC	08-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
2.7 TDi, quattro (120 kW) Eng.BSG/CANB/CAND	04-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
2.7 TDi, quattro (132 kW) Eng.BPP	04-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
2.8 V6 FSi (140 kW) Eng.CCDA	08-	**PA1050**				06E 121 005G/ P,06E 121 008P
2.8 V6 FSi (162 kW) Eng.CCEA	08-	**PA1050**				06E 121 005G/ P,06E 121 008P
2.8 V6 FSi, quattro (154 kW) Eng.BDX	07-	**PA1050**				06E 121 005G/ P,06E 121 008P

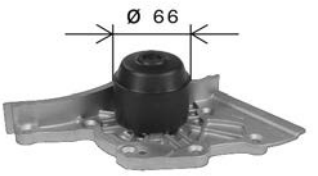
PA881	**PA905**	**PA979**	**PA980**
PA1050	**PA1072**	**PA1137**	**PA1141**
			
PA1151	**PA1153**	**PA1202**	**KP905-1**

		GRAF ref.			NOTE	Adaptable for OES
3.0 TDi quattro (155 kW) Eng.BNG/CDYB	04-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi quattro (165 kW) Eng.BMK	04-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi V6 24v, quattro (171 kW) Eng.ASB	06-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi V6, quattro (176 kW) Eng.CDYA/CDYC	08-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TFSi quattro (220 kW) Eng.CCAA	08-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 V6 TFSi quattro (213 kW) Eng.CAJA	08-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0, quattro (160 kW) Eng.BBJ	04-06	**PA881**		•		06C 121 004C/ G/ H
3.2 FSi (195 kW) Eng.CALA	09-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.2 FSI, quattro (188 kW) Eng.AUK/BKH	04-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
4.2 quattro (246 kW) Eng.BAT	04-	**PA1153**	•			057 121 011E,079 121 011F/ H 079 121 012B/ J/ K,079 121 014D
4.2 V8 FSi quattro (257 kW) Eng.BVJ	06-	**PA1151**				079 121 012D,079 121 014F
S6 5.2 V10 quattro (315-320 kW) Eng.BXA	06-	**PA1151**				079 121 012D,079 121 014F
A6 III Allroad (4FH) '8/06-'1/11						
2.0 16v TFSi (125 kW) Eng.BPJ/BYK	08-	**PA980**		•		06A 121 011R,06F 121 011
2.0 TDi (100 kW) Eng.BNA/BRF	08-	**PA905**		•	Eng. BNA, BRF	038 121 011H/ K,03G 121 011
	08-	**KP905-1**		•	Eng.BNA, BRF, Belt:141x30, PA905	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
2.7 TDi quattro (120 kW) Eng.BSG	06-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
2.7 TDi V6 quattro (132 kW) Eng.BPP	05-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
2.7 TDi V6 quattro (140 kW) Eng.CAMA/CANA/CANC	08-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
2.8 V6 FSi (140 kW) Eng.CCDA	08-	**PA1050**				06E 121 005G/ P,06E 121 008P
2.8 V6 FSI (162 kW) Eng.CCEA	08-	**PA1050**				06E 121 005G/ P,06E 121 008P
2.8 V6 FSi, quattro (155 kW) Eng.BDX	07-	**PA1050**				06E 121 005G/ P,06E 121 008P
3.0 TDi quattro (155 kW) Eng.BNG/CDYB	06-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi V6 quattro (171 kW) Eng.ASB	06-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi V6 quattro (176 kW) Eng.CDYA	08-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 V6 TFSi quattro (213 kW) Eng.CAJA	08-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.2 V6 FSi quattro (188 kW) Eng.AUK	06-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
4.2 V8 FSi quattro (257 kW) Eng.BVJ	06-	**PA1151**				079 121 012D,079 121 014F
5.2 V10 quattro (320 kW) Eng.BXA	08-	**PA1151**				079 121 012D,079 121 014F
A6 IV (4G2, 5), Avant '2/11-						
2.0 TDi (130 kW) Eng.CGLC/CMGB	11-	**PA1137**				03L 121 011C/ J
2.0 TFSi (132 kW) Eng.CDNB	11-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TFSi (155 kW) Eng.CAEB	11-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TFSi hybrid (155 kW) Eng.CHJA	11-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
3.0 TDi quattro (180 kW) Eng.CDUC/CKVB	11-	**PA1141**				059 121 005T,059 121 008A
3.0 TDI Quattro (230 kW) Eng.CGQB	11-	**PA1202**				059 121 008
3.0 TDi, quattro (150 kW) Eng.CLAA/CLAB	11-	**PA1141**				059 121 005T,059 121 008A
A6 IV Allroad '4/12-						
3.0 TDI (150 kW) Eng.CLAA	12-	**PA1141**				059 121 005T,059 121 008A
3.0 TDI (180 kW) Eng.CDUC/CKVB	12-	**PA1141**				059 121 005T,059 121 008A
3.0 TDI (230 kW) Eng.CGQB	12-	**PA1202**				059 121 008

PA592

PA618A

PA679



PA757

PA764

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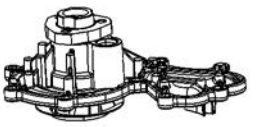
PA1072

PA1141

PA1151



PA1202

KP868-1

		GRAF ref.			NOTE	Adaptable for OES
A7 Sportback '10/10-						
3.0 TDI quattro (176 kW) Eng.CPNB	13-	**PA1202**				059 121 008
3.0 TDI quattro (230 kW) Eng.CGQB	11-	**PA1141**				059 121 005T,059 121 008A
3.0 TDi V6 quattro (180 kW) Eng.CDUC/CDUD/CKVB/CKVC	10-	**PA1141**			Eng. CDUC/ CDUD	059 121 005T,059 121 008A
	10-	**PA1202**			Eng. CKVB/ CKVC	059 121 008
3.0 TDi, quattro (150 kW) Eng.CLAA/CLAB	10-	**PA1141**				059 121 005T,059 121 008A
A8 I (4D2, 4D8) '3/94-'9/02						
2,8 quattro (120 kW) Eng.AEJ	95-96	**PA592**		•	Ch -F4DS000496	078 121 004B/ BV/ BX/ C/ CV/ CX
	95-96	**PA618A**		•	Ch F4DS000497-	078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.5 TDi, quattro (110 kW) Eng.AFB	97-00	**PA868**		•		059 121 004B/ C/ D/ E
2.5 TDi, quattro (110 kW) Eng.AKN	97-00	**PA868**		•		059 121 004B/ C/ D/ E
	1/97-4/00	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.5 TDi, quattro (132 kW) Eng.AKE	00-02	**PA868**		•		059 121 004B/ C/ D/ E
	9/00-9/02	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.8 (120 kW) Eng.AEJ	95-96	**PA592**		•	Ch -F4DS000496	078 121 004B/ BV/ BX/ C/ CV/ CX
	95-96	**PA618A**		•	Ch F4DS000497-	078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.8, quattro (128 kW) Eng.AAH	94-96	**PA592**		•	Ch -F4DS000496	078 121 004B/ BV/ BX/ C/ CV/ CX
	94-96	**PA618A**		•	Ch F4DS000497-	078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.8, quattro (142 kW) Eng.ACK/ALG/AMX/APR/AQD	96-02	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
3.7, quattro (169 kW) Eng.AEW/AKJ	95-98	**PA757**		•		077 121 004F/ FV/ FX/ H
3.7, quattro (191 kW) Eng.AKC/AQG	98-02	**PA764**		•		077 121 004M/ MX/ N/ P
4.2 quattro (175 kW) Eng.ARU	99-00	**PA764**		•		077 121 004M/ MX/ N/ P
4.2 quattro (180 kW) Eng.AEM	94-96	**PA757**		•		077 121 004F/ FV/ FX/ H
4.2 quattro (220 kW) Eng.ABZ/AKG	94-98	**PA757**		•		077 121 004F/ FV/ FX/ H
4.2 quattro (228 kW) Eng.AQF/AUW/AUX	98-02	**PA764**		•		077 121 004M/ MX/ N/ P
4.2 S8 quattro (250 kW) Eng.AHC/AKH	96-99	**PA757**		•		077 121 004F/ FV/ FX/ H
4.2 S8 quattro (265 kW) Eng.AQH/AVP	99-02	**PA764**		•		077 121 004M/ MX/ N/ P
A8 II (4E) '10/02-'1/10						
2.8 V6 FSi (155 kW) Eng.BDX	08-10	**PA1050**				06E 121 005G/ P,06E 121 008P
3.0 (160 kW) Eng.BBJ	03-10	**PA881**		•		06C 121 004C/ G/ H
3.0 TDi quattro (155 kW) Eng.BNG	03-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi quattro (171 kW) Eng.ASB	03-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0, Long quattro (162 kW) Eng.ASN	03-	**PA881**		•		06C 121 004C/ G/ H
3.2 FSI, quattro (191 kW) Eng.BPK	05-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.7 quattro (206 kW) Eng.BFL	02-10	**PA764**		•		077 121 004M/ MX/ N/ P
4.0 TDi quattro (202 kW) Eng.ASE	03-10	**PA1151**				079 121 012D,079 121 014F
4.2 FSI quattro (257 kW) Eng.BVJ	06-10	**PA1151**				079 121 012D,079 121 014F
4.2 quattro (246 kW) Eng.BFM	02-10	**PA764**		•		077 121 004M/ MX/ N/ P
4.2 TDi quattro (235 kW) Eng.BMC	05-10	**PA1151**				079 121 012D,079 121 014F
4.2 TDi quattro (240 kW) Eng.BVN	05-10	**PA1151**				079 121 012D,079 121 014F
S8 quattro (331 kW) Eng.BSM	06-10	**PA1151**				079 121 012D,079 121 014F
A8 III (4H) '2/10-						
2.0 TFSi hybrid (155 kW) Eng.CHJA	12-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
3.0 TDi (150 kW) Eng.CLAB	11-	**PA1141**				059 121 005T,059 121 008A
3.0 TDi (155 kW) Eng.CDTB	10-	**PA1141**				059 121 005T,059 121 008A
3.0 TDi quattro (184 kW) Eng.CDTA/CMHA	10-	**PA1141**				059 121 005T,059 121 008A
Cabrio (8G7, B4) '5/91-'8/00						
1.8 (92 kW) Eng.ADR	97-00	**PA679**				026 121 005F/ K/ L
	97-00	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X

PA279	**PA579**	**PA591**	**PA592**
		Cuscietto Rinforzato Reinforced Bearing	Cuscietto Rinforzato/Reinforced Bearing
PA609	**PA618A**	**PA1104**	**PA1105**

		GRAF ref.			NOTE	Adaptable for OES
1.9 TDi (66 kW) Eng.1Z	95-00	PA279	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	95-00	PA1104	•		+RB, +PS	037 121 005C
	95-00	PA579			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	95-00	PA1105			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TDi (66 kW) Eng.AHU	95-00	PA609				028 121 004/ V/ X
2.0 16v (103 kW) Eng.ACE	95-96	PA279	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	95-96	PA1104	•		+RB, +PS	037 121 005C
	95-96	PA579			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	95-96	PA1105			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 E (85 kW) Eng.ABK	93-98	PA279	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	93-98	PA1104	•		+RB, +PS	037 121 005C
	93-98	PA579			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	93-98	PA1105			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.3 E (98 kW) Eng.NG	91-94	PA591		•		054 121 004/ A/ AV/ AX
2.6 (102 kW) Eng.ACZ	95-00	PA592		•	Ch -F8GS001302	078 121 004B/ BV/ BX/ C/ CV/ CX
	95-00	PA618A		•	Ch F8GS001303-	078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.6 (110 kW) Eng.ABC	93-00	PA592		•	Ch -F8GS001302	078 121 004B/ BV/ BX/ C/ CV/ CX
	93-00	PA618A		•	Ch F8GS001303-	078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.8 (128 kW) Eng.AAH	92-00	PA592		•	Ch -F8GS001302	078 121 004B/ BV/ BX/ C/ CV/ CX
	92-00	PA618A		•	Ch F8GS001303-	078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
Coupe I (81, 85) '7/80-'10/88						
1.6 (55 kW) Eng.YN	80-81	PA279	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	80-81	PA1104	•		+RB, +PS	037 121 005C
	80-81	PA579			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	80-81	PA1105			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (55 kW) Eng.DD	81-83	PA279	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	81-83	PA1104	•		+RB, +PS	037 121 005C
	81-83	PA579			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	81-83	PA1105			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GT (65 kW) Eng.SF	86-88	PA279	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-88	PA1104	•		+RB, +PS	037 121 005C
	86-88	PA579			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-88	PA1105			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GT (66 kW) Eng.DS/JV	82-88	PA279	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	82-88	PA1104	•		+RB, +PS	037 121 005C
	82-88	PA579			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	82-88	PA1105			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GT (68 kW) Eng.JN	81-88	PA279	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	81-88	PA1104	•		+RB, +PS	037 121 005C
	81-88	PA579			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	81-88	PA1105			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GT (79 kW) Eng.PV	86-87	PA279	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-87	PA1104	•		+RB, +PS	037 121 005C
	86-87	PA579			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-87	PA1105			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GT quattro (66 kW) Eng.DS/JN/NE	85-88	PA279	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	85-88	PA1104	•		+RB, +PS	037 121 005C
	85-88	PA579			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	85-88	PA1105			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GT, quattro (82 kW) Eng.DZ	84-88	PA279	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	84-88	PA1104	•		+RB, +PS	037 121 005C

PA103	**PA279**	**PA383**	**PA579**
		Cuscietto Rinforzato Reinforced Bearing	Cuscietto Rinforzato/Reinforced Bearing
PA591	**PA592**	**PA1104**	**PA1105**

		GRAF ref.			NOTE	Adaptable for OES
1.8 GT, quattro (82 kW) Eng.DZ	84-88	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	84-88	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 (85 kW) Eng.WN	80-83	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.0 (83 kW) Eng.SK/HP/JS	86-88	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.1 GT (79 kW) Eng.WE	81-83	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.1 GT (96 kW) Eng.KE/KL	82-84	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 GT, quattro (85-100 kW) Eng.KX/ KV	84-88	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 quattro (88 kW) Eng.JT	85-88	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.3, quattro (100 kW) Eng.NG	87-88	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
Coupe II (89, 8B) '10/88-'12/96						
1.8 (82 kW) Eng.DZ	89-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	89-91	**PA1104**	•		+RB, +PS	037 121 005C
	89-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	89-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 (83 kW) Eng.3A	89-	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	89-	**PA1104**	•		+RB, +PS	037 121 005C
	89-	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	89-	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 (85 kW) Eng.AAD/ABK	89-96	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	89-96	**PA1104**	•		+RB, +PS	037 121 005C
	89-96	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	89-96	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 16v (101 kW) Eng.6A	1/92-7/92	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	1/92-7/92	**PA1104**	•		+RB, +PS	037 121 005C
	1/92-7/92	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	1/92-7/92	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 16v (103 kW) Eng.ACE	8/92-12/96	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	8/92-12/96	**PA1104**	•		+RB, +PS	037 121 005C
	8/92-12/96	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	8/92-12/96	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 20v, quattro (118 kW) Eng.NM	89-91	**PA383**		•	Ch -F88M033000	034 121 004/ V/ X,034 121 005D
	89-91	**PA591**		•	Ch F88M033001-	054 121 004/ A/ AV/ AX
	-9/89	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 quattro (100 kW) Eng.KV	88-91	**PA383**		•	Ch -F88M033000	034 121 004/ V/ X,034 121 005D
	88-91	**PA591**		•	Ch F88M033001-	054 121 004/ A/ AV/ AX
	-9/88	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 S2 quattro (162 kW) Eng.3B	90-92	**PA383**		•		034 121 004/ V/ X,034 121 005D
2.2 S2 quattro (169 kW) Eng.ABY	10/92-4/95	**PA383**		•		034 121 004/ V/ X,034 121 005D
	5/95-12/96	**PA591**		•		054 121 004/ A/ AV/ AX
2.2i (Switzerlan D-Sweden) (100 kW) Eng.HY	-12/88	**PA103**		•	(Switzerland-Sweden)	035 121 004/ A/ AV/ AX,035 121 005E
2.3 (100 kW) Eng.NG	-12/88	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
	88-94	**PA383**		•	Ch -F88M033000	034 121 004/ V/ X,034 121 005D
	88-94	**PA591**		•	Ch F88M033001-	054 121 004/ A/ AV/ AX
2.3 (98 kW) Eng.NG	90-94	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
	90-94	**PA383**		•	Ch -F88M033000	034 121 004/ V/ X,034 121 005D
	90-94	**PA591**		•	Ch F88M033001-	054 121 004/ A/ AV/ AX
2.3 20v, quattro (123-125 kW) Eng.7A	-12/88	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
	88-96	**PA383**		•	Ch -F88M033000	034 121 004/ V/ X,034 121 005D
	88-96	**PA591**		•	Ch F88M033001-	054 121 004/ A/ AV/ AX
2.3 quattro (98-100 kW) Eng.NG	-12/88	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
	88-94	**PA383**		•	Ch -F88M033000	034 121 004/ V/ X,034 121 005D
	88-94	**PA591**		•	Ch F88M033001-	054 121 004/ A/ AV/ AX
2.6 (110 kW) Eng.ABC	92-96	**PA592**		•		078 121 004B/ BV/ BX/ C/ CV/ CX
2.6 quattro (110 kW) Eng.ABC	92-96	**PA592**		•	Ch -F8BS000544	078 121 004B/ BV/ BX/ C/ CV/ CX

PA592

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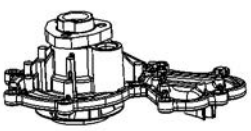
PA1151



PA1202

		GRAF ref.			NOTE	Adaptable for OES
2.6 quattro (110 kW) Eng.ABC	92-96	**PA618A**		•	Ch F8BS000545-	078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.8, quattro (128 kW) Eng.AAH	91-96	**PA592**		•	Ch -F8GS001302	078 121 004B/ BV/ BX/ C/ CV/ CX
	91-96	**PA618A**		•	Ch -F8GS001303	078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
Q3 '8/11-						
2.0 TDI (100 kW) Eng.CFFA	11-	**PA1089**		•		03L 121 011/ H
2.0 TDI quattro (120 kW) Eng.CFGD	11-	**PA1137**				03L 121 011C/ J
2.0 TDi quattro (130 kW) Eng.CFGC/CLLB	11-	**PA1137**				03L 121 011C/ J
2.0 TDI, quattro (103 kW) Eng.CFFB	11-	**PA1089**		•		03L 121 011/ H
2.0 TFSi quattro (125 kW) Eng.CCZC	11-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TFSi quattro (155 kW) Eng.CPSA	11-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
Q5 (8R) '11/08-						
2.0 TDi quattro (100 kW) Eng.CAGB/CJCB	09-	**PA1090**		•	Eng. CAGB	03L 121 011G
	09-	**PA1089**		•	Eng. CJCB	03L 121 011/ H
2.0 TDi quattro (105 kW) Eng.CAGA/CJCA	09-	**PA1090**		•	Eng. CAGA	03L 121 011G
	09-	**PA1089**		•	Eng. CJCA	03L 121 011/ H
2.0 TDi quattro (120-125 kW) Eng.CAHA/CAHB/CGLA/CGLB/CGLD/CMGA	08-	**PA1090**		•	Eng. CAHA/ CAHB	03L 121 011G
	08-	**PA1137**			Eng. CGLA/ CGLB	03L 121 011C/ J
2.0 TDi quattro (130 kW) Eng.CGLC/CMGB	12-	**PA1137**				03L 121 011C/ J
2.0 TDi, quattro (110 kW) Eng.CJCD	13-	**PA1137**				03L 121 011C/ J
2.0 TFSi hybrid quattro (155 kW) Eng.CHJA	11-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TFSi quattro (132 kW) Eng.CDNB/CNCB	09-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TFSi quattro (155 kW) Eng.CAEB/CDNC/CPMA	08-5/09	**PA1071**	•			06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
	5/09-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TFSI quattro (162 kW) Eng.CPMB	13-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0, quattro (130 kW) Eng.CDNA	09-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
3.0 TDi quattro (155 kW) Eng.CCWB	08-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi quattro (176 kW) Eng.CCWA	08-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi quattro (180 kW) Eng.CDUD	12-	**PA1202**				059 121 008
3.0 TDi V6 (190 kW) Eng.CTBA	14-	**PA1202**				059 121 008
3.0 V6 TDi quattro (230 kW) Eng.CGQB	12-	**PA1202**				059 121 008
3.2 V6 TFSi quattro (199 kW) Eng.CALB	09-	**PA1050**				06E 121 005G/ P,06E 121 008P
Q7 (4L) '3/06-						
3.0 TDi quattro (150 kW) Eng.CJGC/CJMA	10-	**PA1141**				059 121 005T,059 121 008A
3.0 TDi quattro (155 kW) Eng.BUN/CTWA	06-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi quattro (165 kW) Eng.CATA	09-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi quattro (171 kW) Eng.BUG	06-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi quattro (176 kW) Eng.CASA/CCMA/CJGA/CNRB	07-	**PA979**			Eng. CAS	06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
	07-	**PA1141**			Eng. CJGA	059 121 005T,059 121 008A
3.0 TFSi (206 kW) Eng.CJWE/CTWB	11-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 V6 TFSi quattro (200 kW) Eng.CJTC/CJWC	10-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 V6 TFSi quattro (245 kW) Eng.CJTB/CJWB/CNAA/CTWA	10-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.6 V6 FSi quattro (206 kW) Eng.BHK	07-	**PA1041**		•		022 121 011/ A/ L/ V
4.2 FSI quattro (257 kW) Eng.BAR	06-	**PA1151**				079 121 012D,079 121 014F
4.2 V8 TDi quattro (240 kW) Eng.BTR	07-	**PA1151**				079 121 012D,079 121 014F

PA103

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PA1163

KP947-2

KP947-4

		GRAF ref.			NOTE	Adaptable for OES
4.2 V8 TDi quattro (246-250 kW) Eng.CCFA/CCFC	-11/09	**PA1163**				057 121 011J
Quattro (85) '7/80-'7/91						
2.1 20v T. (225 kW) Eng.KW	84-87	**PA103**		•	Ch -F85J900643	035 121 004/ A/ AV/ AX,035 121 005E
	84-87	**PA383**		•	Ch F85J900644-	034 121 004/ V/ X,034 121 005D
2.1 T. (147 kW) Eng.GV/WR	80-87	**PA103**		•	Ch -F85J900643	035 121 004/ A/ AV/ AX,035 121 005E
	80-87	**PA383**		•	Ch F85J900644-	034 121 004/ V/ X,034 121 005D
2.2 20v (162 kW) Eng.RR	89-91	**PA103**		•	Ch -F85J900643	035 121 004/ A/ AV/ AX,035 121 005E
	89-91	**PA383**		•	Ch F85J900644-	034 121 004/ V/ X,034 121 005D
2.2 T. (147 kW) Eng.1B	87-89	**PA103**		•	Ch -F85J900643	035 121 004/ A/ AV/ AX,035 121 005E
	87-89	**PA383**		•	Ch F85J900644-	034 121 004/ V/ X,034 121 005D
2.2 T. (147 kW) Eng.MB	87-89	**PA103**		•	Ch -F85J900643	035 121 004/ A/ AV/ AX,035 121 005E
	87-89	**PA383**		•	Ch F85J900644-	034 121 004/ V/ X,034 121 005D
TT I (8N3,9), Roadster '10/98-'8/06						
1.8 T, quattro (132-134 kW) Eng.AJQ/APP/ARY/AUQ/ATC/AWP	98-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	10/98-8/06	**KP947-2**		•	Belt:150x23, PA947, Ch -8NY095000	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	10/98-8/06	**KP947-4**		•	Belt:150x23, PA947, Ch 8NY095001-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 T, quattro (140 kW) Eng.BVR	05-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	9/05-8/06	**KP947-4**		•	Belt:150x23, PA947	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 T. (110 kW) Eng.AUM	01-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	1/01-8/06	**KP947-4**		•	Belt:150x23, PA947	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 T. (120 kW) Eng.BVP	05-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	9/05-8/06	**KP947-4**		•	Belt:150x23, PA947	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 T. quattro (165 kW) Eng.AMU/APX/BAM	98-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	10/98-8/06	**KP947-2**		•	Belt:150x23, PA947, Ch -8NY095000	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	10/98-8/06	**KP947-4**		•	Belt:150x23, PA947, Ch 8NY095001-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 T. quattro (176 kW) Eng.BFV	05-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
3.2 VR6 quattro (184 kW) Eng.BHE	03-06	**PA1041**		•		022 121 011/ A/ L/ V

PA088

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PA286A

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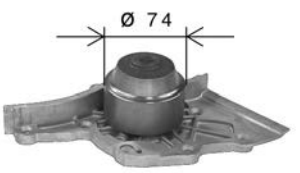
PA441

PA442

PA443



PA657

PA980

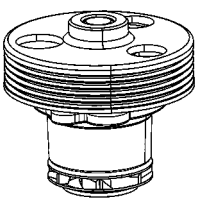
PA1041

PA1071

PA1072

PA1090

PA1137



PA1220

KP286-2

KP980-1

		GRAF ref.			NOTE	Adaptable for OES
TT II (8J3,9), Roadster '9/06-						
1.8 TFSI (118 kW) Eng.CDAA	09-	**PA1071**	•			06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
2.0 quattro (195 kW) Eng.CDLA/CDMA	08-	**PA980**		•		06A 121 011R,06F 121 011
2.0 TDi quattro (125 kW) Eng.CBBB/CFGB	08-	**PA1090**		•	Eng. CBBB	03L 121 011G
	08-	**PA1137**			Eng. CFGB	03L 121 011C/ J
2.0 TFSi (147 kW) Eng.BWA/CCZA	06-	**PA1072**	•		Eng. CCZA	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
	06-	**PA980**		•	Eng. BWA	06A 121 011R,06F 121 011
	9/06-	**KP980-1**		•	Eng.BWA+RB, Belt:148x23, PA980	06F 121 011/ X,06F 198 119A
2.0 TFSi Coupe (200 kW) Eng.CDLB	08-	**PA980**		•		06A 121 011R,06F 121 011
2.0 TFSi, quattro (155 kW) Eng.CESA/CETA	10-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.5 TFSi quattro (250 kW) Eng.CEPA	09-	**PA1220**				07K 121 011G
3.2 V6 quattro (184 kW) Eng.BUB	06-	**PA1041**		•		022 121 011/ A/ L/ V
V8 (D1) '10/88-'2/94						
3.6 quattro (180-184 kW) Eng.PT	89-94	**PA657**		•		077 121 004A/ G
4.2 quattro (206 kW) Eng.ABH	91-94	**PA657**		•		077 121 004A/ G

AUTOBIANCHI

A112 '10/69-'12/85						
0.9 Junior (31 kW) Eng.A112A5.000/A112B2.000	75-85	**PA088**				4471378
Y10 '3/85-						
1.0 (33 kW) Eng.156A2.000	85-12/92	**PA286A**		•		
	85-12/92	**KP286-2**		•	Belt:104x15, PA286A	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.0 Kat (33 kW) Eng.156A2.246	87-12/92	**PA286A**		•		
	87-12/92	**KP286-2**		•	Belt:104x15, PA286A	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.1 i.e. Kat (42 kW) Eng.156C.046	90-5/96	**PA286A**		•		
	90-5/96	**KP286-2**		•	Belt:104x15, PA286A	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.1, 4WD (42 kW) Eng.156C.000	89-5/96	**PA286A**		•		
	89-5/96	**KP286-2**		•	Belt:104x15, PA286A	46423351,46531183,5973713,71713727 7640163,7691820,7715242

BEDFORD

Astra Van '1/82-'1/92						
1.2	80-92	**PA108**			Eng. 12S	1334027,1334071,90091035,90409912
	82-10/84	**PA442**		•	Eng. 12ST	1334025,1334098,90144227
1.3, i (44-55 kW) Eng.1.3N/S	82-84	**PA441**		•		1334004,1334023,1334070,90076952,90183273
1.6 D (40 kW) Eng.16D/DA	82-87	**PA236**		•		1334012,1334015,1334099,90106450,90285418
	87-92	**PA324**		•		1334014,90284913
1.6, i (66 kW) Eng.16SH	82-87	**PA235**		•		1334013,1334084,90106656,90284802
	87-92	**PA443**		•		1334011,1334024,90234200,90325661
1.8	83-87	**PA235**		•		1334013,1334084,90106656,90284802
	87-92	**PA325**		•		1334008,90220568

PA053

PA121

PA236

PA244

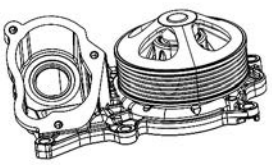
PA324

PA893

PA964

PA965

PA1039

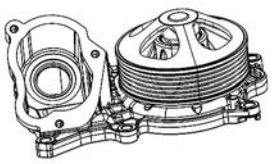


PA1164

		GRAF ref.			NOTE	Adaptable for OES
AstraMax Van '1/85-'1/90						
1.6 D (40 kW) Eng.16D/16DA	82-87	**PA236**		•		1334012,1334015,1334099,90106450,90285418
	87-90	**PA324**		•		1334014,90284913
Blitz (CF97) '8/69-'10/87						
2.3 D (46 kW) Eng.23D	80-83	**PA121**				1334045,1334074,1334087,3469874,90096415 90136382
CF Van						
200 14 CWT	84-	**PA244**				1334097,90156532
220 18 CWT	76-80	**PA121**				1334045,1334074,1334087,3469874,90096415 90136382
250 22 CWT	76-80	**PA121**				1334045,1334074,1334087,3469874,90096415 90136382
340 35 CWT	76-80	**PA121**				1334045,1334074,1334087,3469874,90096415 90136382

BMW

02 (E10) '9/67-'7/77						
1502 1.6 (55 kW) Eng.M10B16	66-77	**PA053**				11 51 0 686 001/ 901,11 51 1 256 600
1600 Ti (77 kW) Eng.M10B16	66-77	**PA053**				11 51 0 686 001/ 901,11 51 1 256 600
1600/2, Cabrio, Touring (61-63 kW) Eng.M10B16	66-77	**PA053**				11 51 0 686 001/ 901,11 51 1 256 600
1802, Touring (66 kW) Eng.M10B18	66-77	**PA053**				11 51 0 686 001/ 901,11 51 1 256 600
2000 Ti (96 kW) Eng.M10B20	68-75	**PA053**				11 51 0 686 001/ 901,11 51 1 256 600
2002 T. (125 kW) Eng.M10B20	68-75	**PA053**				11 51 0 686 001/ 901,11 51 1 256 600
2002 Tii, Touring (96 kW) Eng.M10B20	68-75	**PA053**				11 51 0 686 001/ 901,11 51 1 256 600
2002, Cabrio, Touring (74 kW) Eng.M10B20(40PDSi)	68-75	**PA053**				11 51 0 686 001/ 901,11 51 1 256 600
1 (E81,87) '9/04-						
116d (85 kW) Eng.N47D20A	09-	**PA1039**				11 51 7 807 311
116i (85 kW) Eng.N43B16A/N45B16A	9/04-	**PA893**				11 51 7 511 220/ 1
118d (100 kW) Eng.N47D20A	07-	**PA1039**				11 51 7 807 311
118d (105 kW) Eng.N47D20A	07-	**PA1039**				11 51 7 807 311
118d (90 kW) Eng.M47N204D4	04-	**PA964**				11 51 7 788 305,11 51 7 790 322 11 51 7 791 833,11 51 7 805 808
118i (95 kW) Eng.N42B20B/N46B20	9/04-	**PA893**				11 51 7 511 220/ 1
120d (120 kW) Eng.M47N204D4	04-07	**PA965**			A/T	11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
	04-07	**PA964**			M/T	11 51 7 788 305,11 51 7 790 322 11 51 7 791 833,11 51 7 805 808
	07-	**PA1039**				11 51 7 807 311
120d (130 kW) Eng.M47N204D4	07-	**PA1039**				11 51 7 807 311
120i (110 kW) Eng.N42B20A	9/04-	**PA893**				11 51 7 511 220/ 1
123d (150 kW) Eng.N47D20B	07-	**PA1039**				11 51 7 807 311
130i (190 kW) Eng.N52B30A	05-	**PA893**				11 51 7 511 220/ 1
1 (E82) Coupe '9/07-						
118d (100 kW) Eng.N47D20C	09-	**PA1039**				11 51 7 807 311
118d (105 kW) Eng.N47D20A	09-	**PA1039**				11 51 7 807 311
120d (120 kW) Eng.N47D20A	07-	**PA1039**				11 51 7 807 311
120d (130 kW) Eng.M47N204D4	07-	**PA1039**				11 51 7 807 311
123d (150 kW) Eng.N47D20B	07-	**PA1039**				11 51 7 807 311
1 (E88) Cabrio '11/07-						
118d (100 kW) Eng.N47D20A	08-	**PA1039**				11 51 7 807 311
118d (105 kW) Eng.N47D20A	08-	**PA1039**				11 51 7 807 311
120d (120-130 kW) Eng.N47D20A	08-	**PA1039**				11 51 7 807 311
123d (150 kW) Eng.N47D20B	08-	**PA1039**				11 51 7 807 311
1 II (F20, F21) '8/11-						
114d (70 kW) Eng.N47D16A	12-	**PA1164**				11 51 8 516 204
116d (85 kW) Eng.N47D16A	12-	**PA1164**				11 51 8 516 204
116d (85 kW) Eng.N47D20C	11-	**PA1164**				11 51 8 516 204

PA053	**PA149**	**PA379**	**PA994**
			
PA1164			

		GRAF ref.			NOTE	Adaptable for OES
116i (100 kW) Eng.N13B16A	-11/12	**PA994**				11 51 7 550 484
118d, xD (105 kW) Eng.N47D20C	11-	**PA1164**				11 51 8 516 204
118i (125 kW) Eng.N13B16A	-11/12	**PA994**				11 51 7 550 484
120d, xD (135 kW) Eng.N47D20C	11-	**PA1164**				11 51 8 516 204
125d (160 kW) Eng.N47D20D	12-	**PA1164**				11 51 8 516 204
						1500-2000 '10/62-'7/72
1.5 (59 kW) Eng.M10B15	62-66	**PA053**				11 51 0 686 001/ 901,11 51 1 256 600
1600 (59-61 kW) Eng.M10B16	63-71	**PA053**				11 51 0 686 001/ 901,11 51 1 256 600
1800 (66 kW) Eng.M10B18	63-71	**PA053**				11 51 0 686 001/ 901,11 51 1 256 600
1800 Ti (81-96 kW) Eng.M10B18	63-68	**PA053**				11 51 0 686 001/ 901,11 51 1 256 600
2000 (74 kW) Eng.M10B20(40PDSi)	68-72	**PA053**				11 51 0 686 001/ 901,11 51 1 256 600
2000 Ti / Tilux (88 kW) Eng.M10B20(40PHH)	66-72	**PA053**				11 51 0 686 001/ 901,11 51 1 256 600
2000 Tii (96 kW) Eng.M10B20	69-72	**PA053**				11 51 0 686 001/ 901,11 51 1 256 600
						2000 3.2 Coupe (E9) '10/65-'3/76
2.5 CS (110 kW) Eng.M30B25	74-76	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
2800 CS (125 kW) Eng.M30B28	69-71	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
3.0 CS (132 kW) Eng.M30B30	71-76	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
3.0 Csi (147 kW) Eng.M30B30(L-Jetronic)	71-76	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
3.2 CSL (152 kW) Eng.M30B32(L-Jetronic)	74-75	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
						2500 3.3 (E3) '10/68-'4/77
2500 (110 kW) Eng.M30B25	68-77	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
2800 (125 kW) Eng.M30B28	68-75	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
2800 L (125 kW) Eng.M30B28	75-77	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
3.0 S, L (132 kW) Eng.M30B30	71-77	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
3.0 Si (143 kW) Eng.M30B30(L-Jetronic)	75-77	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
3.0 Si (147 kW) Eng.M30B30(L-Jetronic)	71-75	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
3.2 Li (147 kW) Eng.M30B32(L-Jetronic)	75-77	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
3.3 L (140 kW) Eng.M30B33	74-76	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
						3 I (E21) '6/75-'3/84
315 (55 kW) Eng.M10B16	81-84	**PA149**				11 51 1 258 933,11 51 1 259 660 11 51 9 070 752
316 (66 kW) Eng.M10B16	75-80	**PA149**				11 51 1 258 933,11 51 1 259 660 11 51 9 070 752
316 (66 kW) Eng.M10B18	80-82	**PA149**				11 51 1 258 933,11 51 1 259 660 11 51 9 070 752

PA115	**PA149**	**PA243**	**PA264**
PA369	**PA390**	**PA430**	

		GRAF ref.			NOTE	Adaptable for OES
318 (72 kW) Eng.M10B18	75-80	**PA149**				11 51 1 258 933,11 51 1 259 660 11 51 9 070 752
318 i (77 kW) Eng.M10B18(K-Jetronic)	79-82	**PA149**				11 51 1 258 933,11 51 1 259 660 11 51 9 070 752
320 (80 kW) Eng.M10B20	75-77	**PA149**				11 51 1 258 933,11 51 1 259 660 11 51 9 070 752
320 i (92 kW) Eng.M10B20(K-Jetronic)	75-82	**PA149**				11 51 1 258 933,11 51 1 259 660 11 51 9 070 752
320/6 (90 kW) Eng.M20B20	10/81-82	**PA243**				11 51 1 271 435,11 51 1 706 564/ 588/ 624 11 51 1 711 492,11 51 9 058 996 11 51 9 071 562
	77-9/81	**PA115**				11 51 1 267 187/ 583
323 i (105 kW) Eng.M20B23(K-Jetronic)	2/81-82	**PA243**				11 51 1 271 435,11 51 1 706 564/ 588/ 624 11 51 1 711 492,11 51 9 058 996 11 51 9 071 562
	78-2/81	**PA115**				11 51 1 267 187/ 583
3 II (E30) '9/82-'10/93						
315 (55 kW) Eng.M10B16(1B2)	82-93	**PA149**				11 51 1 258 933,11 51 1 259 660 11 51 9 070 752
316 (66 kW) Eng.M10B18(2B4)	10/87-90	**PA390**				11 51 1 715 292,11 51 1 721 337 11 51 9 070 763
	9/82-9/87	**PA264**				11 51 1 274 583,11 51 1 286 355/ 358 11 51 1 721 477,11 51 9 070 755
316 i (73 kW) Eng.M40B16(Kat.)	10/88-91	**PA390**				11 51 1 715 292,11 51 1 721 337 11 51 9 070 763
	-9/88	**PA264**				11 51 1 274 583,11 51 1 286 355/ 358 11 51 1 721 477,11 51 9 070 755
316 i, Cabrio (75 kW) Eng.M40B16	10/88-91	**PA390**				11 51 1 715 292,11 51 1 721 337 11 51 9 070 763
	-9/88	**PA264**				11 51 1 274 583,11 51 1 286 355/ 358 11 51 1 721 477,11 51 9 070 755
318 i (75 kW) Eng.M10B18(L-Jetronic)	10/87-88	**PA390**				11 51 1 715 292,11 51 1 721 337 11 51 9 070 763
	84-9/87	**PA264**				11 51 1 274 583,11 51 1 286 355/ 358 11 51 1 721 477,11 51 9 070 755
318 i (77 kW) Eng.M10B18(K-Jetronic)	10/87-	**PA390**				11 51 1 715 292,11 51 1 721 337 11 51 9 070 763
	9/82-9/87	**PA264**				11 51 1 274 583,11 51 1 286 355/ 358 11 51 1 721 477,11 51 9 070 755
318 i (85 kW) Eng.M40B18	10/87-91	**PA390**				11 51 1 715 292,11 51 1 721 337 11 51 9 070 763
	-9/87	**PA264**				11 51 1 274 583,11 51 1 286 355/ 358 11 51 1 721 477,11 51 9 070 755
318 i, Cabrio (83 kW) Eng.M40B18(Kat.)	10/87-93	**PA390**				11 51 1 715 292,11 51 1 721 337 11 51 9 070 763
	-9/87	**PA264**				11 51 1 274 583,11 51 1 286 355/ 358 11 51 1 721 477,11 51 9 070 755
318 is (100 kW) Eng.M42B18	10/89-91	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
320 i (110 kW) Eng.M20	10/87-90	**PA369**				11 51 1 719 836,11 51 1 720 609 11 51 9 070 759
	85-9/87	**PA243**				11 51 1 271 435,11 51 1 706 564/ 588/ 624 11 51 1 711 492,11 51 9 058 996 11 51 9 071 562
320 i (92 kW) Eng.M20B20(L-Jetronic)	82-85	**PA243**				11 51 1 271 435,11 51 1 706 564/ 588/ 624 11 51 1 711 492,11 51 9 058 996 11 51 9 071 562
320 i, Cabrio (95 kW) Eng.M20B20(L-Jetronic)/(Motronic/Kat.)	10/87-93	**PA369**				11 51 1 719 836,11 51 1 720 609 11 51 9 070 759
	85-9/87	**PA243**				11 51 1 271 435,11 51 1 706 564/ 588/ 624 11 51 1 711 492,11 51 9 058 996 11 51 9 071 562
320 is (141 kW) Eng.S14204EA	88-90	**PA369**				11 51 1 719 836,11 51 1 720 609 11 51 9 070 759

PA243

PA270

PA369

PA390

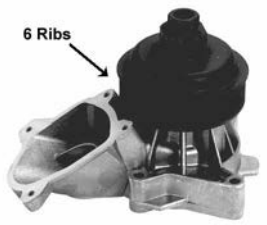
PA430

PA431

		GRAF ref.			NOTE	Adaptable for OES
323 i (102 kW) Eng.M20B23(L-Jetronic)	82-83	**PA243**				11 51 1 271 435,11 51 1 706 564/ 588/ 624 11 51 1 711 492,11 51 9 058 996 11 51 9 071 562
323 i (110 kW) Eng.M20B23(L-Jetronic)	83-86	**PA243**				11 51 1 271 435,11 51 1 706 564/ 588/ 624 11 51 1 711 492,11 51 9 058 996 11 51 9 071 562
324 D (63 kW) Eng.M21D24	9/85-91	**PA270**				11 51 1 284 247,11 51 1 285 510 11 51 1 287 580,11 51 2 241 641 11 51 2 242 675,11 51 9 070 765
324 TD (85 kW) Eng.M21D24	87-91	**PA270**				11 51 1 284 247,11 51 1 285 510 11 51 1 287 580,11 51 2 241 641 11 51 2 242 675,11 51 9 070 765
325 e 2.7 (90 kW) Eng.M20B27	10/87-88	**PA369**				11 51 1 719 836,11 51 1 720 609 11 51 9 070 759
	83-9/87	**PA243**				11 51 1 271 435,11 51 1 706 564/ 588/ 624 11 51 1 711 492,11 51 9 058 996 11 51 9 071 562
325 e 2.7 (95 kW) Eng.M20B27	82-9/87	**PA243**				11 51 1 271 435,11 51 1 706 564/ 588/ 624 11 51 1 711 492,11 51 9 058 996 11 51 9 071 562
325 i X (125 kW) Eng.M20B25(Kat.)	10/87-91	**PA369**				11 51 1 719 836,11 51 1 720 609 11 51 9 070 759
	86-9/87	**PA243**				11 51 1 271 435,11 51 1 706 564/ 588/ 624 11 51 1 711 492,11 51 9 058 996 11 51 9 071 562
325 i, Cabrio (125 kW) Eng.M20B25(Kat.)	10/87-89	**PA369**				11 51 1 719 836,11 51 1 720 609 11 51 9 070 759
	83-9/87	**PA243**				11 51 1 271 435,11 51 1 706 564/ 588/ 624 11 51 1 711 492,11 51 9 058 996 11 51 9 071 562
3 II Touring (E30) '7/87-'6/94						
316 i (73 kW) Eng.M40B16(Kat.)	91-94	**PA390**				11 51 1 715 292,11 51 1 721 337 11 51 9 070 763
316 i (75 kW) Eng.M40B16	10/88-92	**PA390**				11 51 1 715 292,11 51 1 721 337 11 51 9 070 763
318 i (83 kW) Eng.M40B18(Kat.)	89-94	**PA390**				11 51 1 715 292,11 51 1 721 337 11 51 9 070 763
318 i (85 kW) Eng.M40B18	87-91	**PA390**				11 51 1 715 292,11 51 1 721 337 11 51 9 070 763
320 i (95 kW) Eng.M20B20(Motronic/Kat.)	88-91	**PA369**				11 51 1 719 836,11 51 1 720 609 11 51 9 070 759
324 TD (85 kW) Eng.M21D24	88-93	**PA270**				11 51 1 284 247,11 51 1 285 510 11 51 1 287 580,11 51 2 241 641 11 51 2 242 675,11 51 9 070 765
325 i, X (125 kW) Eng.M20B25(Kat.)/M20B25	10/87-93	**PA369**				11 51 1 719 836,11 51 1 720 609 11 51 9 070 759
	87-9/87	**PA243**				11 51 1 271 435,11 51 1 706 564/ 588/ 624 11 51 1 711 492,11 51 9 058 996 11 51 9 071 562
3 III (E36) '9/90-'2/98						
316 i (73 kW) Eng.M40B16(Kat.)	90-93	**PA431**				11 51 0 007 039,11 51 1 727 123 11 51 1 734 269
316 i (75 kW) Eng.M40B16	90-93	**PA431**				11 51 0 007 039,11 51 1 727 123 11 51 1 734 269
316 i (75 kW) Eng.M43B16	93-98	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
318 i (83 kW) Eng.M40B18(Kat.)	90-93	**PA431**				11 51 0 007 039,11 51 1 727 123 11 51 1 734 269
318 i (85 kW) Eng.M43B18	93-98	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
318 is (103 kW) Eng.M42B18	93-97	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
318 is (103 kW) Eng.M44B19	95-98	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602

PA430	**PA432A**	**PA502A**	

		GRAF ref.			NOTE	Adaptable for OES
318 TDS (66 kW) Eng.M41D18(Inter.)	95-98	**PA502A**				11 51 0 032 679,11 51 2 243 003 11 51 2 244 333,11 51 2 245 687 11 51 9 068 606,11 51 9 069 529
320 i (110 kW) Eng.M50B(206S1)/M52B(206S3)Vanos	90-98	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
323 i 2.5 (125 kW) Eng.M52B25(Vanos)	95-98	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
325 i (141 kW) Eng.M50B25(Vanos)	90-95	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
325 TD (85 kW) Eng.M51D25	91-98	**PA502A**				11 51 0 032 679,11 51 2 243 003 11 51 2 244 333,11 51 2 245 687 11 51 9 068 606,11 51 9 069 529
325 TDS (105 kW) Eng.M51D25(Inter.)	93-98	**PA502A**				11 51 0 032 679,11 51 2 243 003 11 51 2 244 333,11 51 2 245 687 11 51 9 068 606,11 51 9 069 529
328 i (142 kW) Eng.M52B28	95-98	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
3 III Cabrio, Coupe (E36) '3/92-'4/99						
316 i (Exc. Cabrio) (75 kW) Eng.M43B16	93-99	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
318 i (Exc. Coupe) (85 kW) Eng.M43B18	94-99	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
318 is (Exc. Cabrio) (103 kW) Eng.M42B18	92-95	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
319 is (Exc. Cabrio) (103 kW) Eng.M44B19	95-99	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
320 i (110 kW) Eng.M50B(206S1)/M52B(206S3)Vanos	92-99	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
323 i 2.5 (125 kW) Eng.M52B25(Vanos)	95-99	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
325 i (141 kW) Eng.M52B25(Vanos)	92-99	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
328 i cabrio (142 kW) Eng.M52B28/M52B28TU	95-99	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
328 i coupe (142 kW) Eng.M52B28	95-99	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910

PA430	**PA432A**	**PA502A**	**PA692**
			
PA759	**PA893**	**PA965**	**PA1046**

		GRAF ref.			NOTE	Adaptable for OES
3 III Compact (E36) '3/94-'8/00						
316 g (75 kW) Eng.CNGB16K	95-00	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
316 i (75 kW) Eng.M43B16	94-00	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
316 i (77 kW) Eng.M43164E3	98-00	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
318 TDS (66 kW) Eng.M41D18(Inter.)	95-00	**PA502A**				11 51 0 032 679,11 51 2 243 003 11 51 2 244 333,11 51 2 245 687 11 51 9 068 606,11 51 9 069 529
318 ti (103 kW) Eng.M42B18	94-95	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
318 ti (103 kW) Eng.M44B19	95-00	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
323 ti (125 kW) Eng.M52B25(Vanos)	97-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
3 III Touring (E36) '1/95-'10/99						
316 i (75 kW) Eng.M43B16	96-99	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
318 i (85 kW) Eng.M43B18	95-99	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
318 TDS (66 kW) Eng.M41D18(Inter.)	95-99	**PA502A**				11 51 0 032 679,11 51 2 243 003 11 51 2 244 333,11 51 2 245 687 11 51 9 068 606,11 51 9 069 529
320 i (110 kW) Eng.M52B(206S3)Vanos	95-99	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
323 i 2.5 (125 kW) Eng.M52B25(Vanos)	95-99	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
325 TDS (105 kW) Eng.M51D25(Inter.)	95-99	**PA502A**				11 51 0 032 679,11 51 2 243 003 11 51 2 244 333,11 51 2 245 687 11 51 9 068 606,11 51 9 069 529
328 i (142 kW) Eng.M52B28	95-99	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
3 IV (E46) '2/98-'12/04						
316 i (77 kW) Eng.M43164E3	98-	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
316 i (77 kW) Eng.M43B16(164E3)	00-	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
316 i (85 kW) Eng.N42B18	02-	**PA893**				11 51 7 511 220/ 1
316 i (85 kW) Eng.N45B16A	02-	**PA893**				11 51 7 511 220/ 1
318 D (85 kW) Eng.M47N204D1	01-	**PA692**				11 51 0 393 731,11 51 2 247 552
318 D (85 kW) Eng.M47N204D4	03-	**PA692**				11 51 0 393 731,11 51 2 247 552
318 i (105 kW) Eng.N42B20/N46B20	9/01-	**PA893**				11 51 7 511 220/ 1
318 i (87 kW) Eng.M43B19	98-01	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
320 D (100 kW) Eng.M47D204D1	98-10/01	**PA692**				11 51 0 393 731,11 51 2 247 552
	99-10/01	**PA759**			A/T	11 51 0 393 730,11 51 7 786 736
320 D (110 kW) Eng.M47N204D4	9/01-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
	9/01-	**PA1046**			A/T	11 51 7 788 306,11 51 7 806 349
320 D (96 kW) Eng.M47R	02-	**PA692**				11 51 0 393 731,11 51 2 247 552

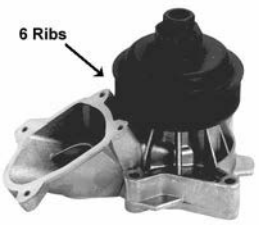
PA430

PA432A

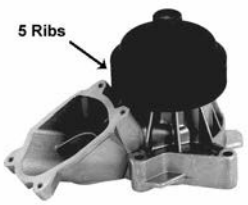
PA759

PA893

PA965

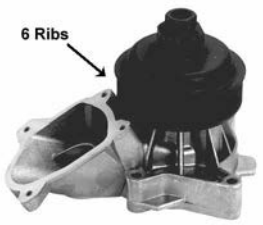
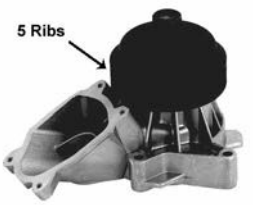


PA1046



PA1053

		GRAF ref.			NOTE	Adaptable for OES
320 D (96 kW) Eng.M47R	02-	**PA759**			A/T	11 51 0 393 730,11 51 7 786 736
320 i (110 kW) Eng.M52B(206S3)Vanos	98-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
320 i (125 kW) Eng.M54226S1	00-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
323 i (125 kW) Eng.M52B25(Vanos)	98-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
325 i, xi (141 kW) Eng.M54256S5	00-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
328 i (142 kW) Eng.M52B28	98-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
330 D, xd (135 kW) Eng.M57D30	10/99-	**PA1053**				11 51 7 786 192
330 D, xd (150 kW) Eng.M57N306D2	98-	**PA1046**				11 51 7 788 306,11 51 7 806 349
330 i, xi (170 kW) Eng.M54306S3	00-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
3 IV Cabrio, Coupe (E46) '4/99-'12/04						
316 Ci (Exc. Cabrio) (77 kW) Eng.M43B16(164E3)	00-	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
316 Ci (Exc. Cabrio) (85 kW) Eng.N45B16A	2/02-	**PA893**				11 51 7 511 220/ 1
318 Ci (105 kW) Eng.N42B20/N46B20	9/01-	**PA893**				11 51 7 511 220/ 1
318 Ci (Exc. Cabrio) (87 kW) Eng.M43B19	99-01	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
320 CD (110 kW) Eng.M47N204D4	03-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
	03-	**PA1046**			A/T	11 51 7 788 306,11 51 7 806 349
320 Ci (125 kW) Eng.M54226S1/M54B22	00-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
320 Ci (Exc. Cabrio) (110 kW) Eng.M52B(206S4)	99-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
323 Ci (125 kW) Eng.M52B25(Vanos)	99-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
325 Ci (141 kW) Eng.M54256S5	00-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910

PA430	**PA432A**	**PA692**	**PA759**
			
PA893	**PA965**	**PA1046**	**PA1053**

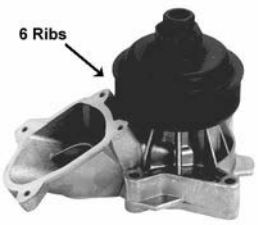
		GRAF ref.			NOTE	Adaptable for OES
328 Ci (Exc. Cabrio) (142 kW) Eng.M52B28	99-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
330 CD (150 kW) Eng.M57N306D2	03-	**PA1046**				11 51 7 788 306,11 51 7 806 349
330 Ci (170 kW) Eng.M54306S3	00-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
3 IV Compact (E46) '6/01-'12/04						
1.6 Ti (77 kW) Eng.M43164E3	02-05	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
316 ti (85 kW) Eng.N42B18	01-	**PA893**				11 51 7 511 220/ 1
318 tD (85 kW) Eng.M47N204D4	03-	**PA692**				11 51 0 393 731,11 51 2 247 552
318 ti (105 kW) Eng.N42B20/N46B20	9/01-	**PA893**				11 51 7 511 220/ 1
320 tD (110 kW) Eng.M47N204D4	9/01-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
	9/01-	**PA1046**			A/T	11 51 7 788 306,11 51 7 806 349
325 ti (141 kW) Eng.M54256S5	01-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
3 IV Touring (E46) '10/99-'12/04						
316 i (85 kW) Eng.N42B18	2/02-	**PA893**				11 51 7 511 220/ 1
316 i (85 kW) Eng.N45B16A	02-	**PA893**				11 51 7 511 220/ 1
318 D (85 kW) Eng.M47N204D4	02-	**PA692**				11 51 0 393 731,11 51 2 247 552
318 i (105 kW) Eng.N42B20/N46B20	9/01-	**PA893**				11 51 7 511 220/ 1
318 i (85-87 kW) Eng.M43B19	99-01	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
320 D (100 kW) Eng.M47D20	00-01	**PA692**				11 51 0 393 731,11 51 2 247 552
	00-01	**PA759**			A/T	11 51 0 393 730,11 51 7 786 736
320 D (110 kW) Eng.M47N204D4	9/01-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
	9/01-	**PA1046**			A/T	11 51 7 788 306,11 51 7 806 349
320 i (110 kW) Eng.M52B(206S3)Vanos	99-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
320 i (125 kW) Eng.M54226S1	00-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
325 i, xi (141 kW) Eng.M54256S5	00-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
328 i (142 kW) Eng.M52B28	99-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
330 D, xd (135 kW) Eng.M57D30	99-	**PA1053**				11 51 7 786 192
330 D, xd (150 kW) Eng.M57N306D2	03-	**PA1046**				11 51 7 788 306,11 51 7 806 349
330 i, xi (170 kW) Eng.M54306S3	00-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910

PA893

PA964

PA965

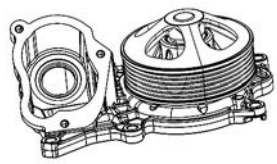
PA1039



PA1046

PA1118

PA1126



PA1164

		GRAF ref.			NOTE	Adaptable for OES
3 V (E90) '1/05-						
316d (85 kW) Eng.N47D20A	09-	**PA1164**				11 51 8 516 204
318 D (100 kW) Eng.N47D20C	07-	**PA1164**				11 51 8 516 204
318 D (105 kW) Eng.N47D20A	07-	**PA1039**				11 51 7 807 311
318 D (90 kW) Eng.M47T2D20	05-	**PA964**				11 51 7 788 305,11 51 7 790 322 11 51 7 791 833,11 51 7 805 808
318i (95 kW) Eng.N46B20	05-	**PA893**				11 51 7 511 220/ 1
320 D (110 kW) Eng.M47N204D4	09-	**PA1046**			A/T	11 51 7 788 306,11 51 7 806 349
	09-	**PA965**			M/T	11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
320 D, xd (120 kW) Eng.M47N204D5/N47D20C	05-	**PA964**				11 51 7 788 305,11 51 7 790 322 11 51 7 791 833,11 51 7 805 808
320 D, xd (130 kW) Eng.N47D20A	07-	**PA1039**				11 51 7 807 311
320 D, xd (135 kW) Eng.N47D20C	10-	**PA1164**				11 51 8 516 204
320 si (127 kW) Eng.N45B20A	06-	**PA893**				11 51 7 511 220/ 1
320i (110 kW) Eng.N46B20A/C	05-	**PA893**				11 51 7 511 220/ 1
325 D (145 kW) Eng.M57306D3	06-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
325 D (150 kW) Eng.N47D20C	10-	**PA1118**				11 51 7 823 429
330 D, xd (170 kW) Eng.M57T2D30	05-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
330 D, xd (180 kW) Eng.N57D30A	08-	**PA1118**				11 51 7 823 429
335 D (210 kW) Eng.M57N306D5	06-3/10	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
	3/10-	**PA1126**				11 51 7 805 812
3 V Cabrio (E93) '3/07-						
320 D (135 kW) Eng.N47D20C	10-	**PA1164**				11 51 8 516 204
320 D, xd (130 kW) Eng.N47D20A	08-	**PA1039**				11 51 7 807 311
320i (110 kW) Eng.N46NB20B	-8/07	**PA893**				11 51 7 511 220/ 1
320i (125 kW) Eng.N43B20A	07-	**PA893**				11 51 7 511 220/ 1
325 D (145 kW) Eng.M57306D3	07-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
325 D (150 kW) Eng.N57D30A	10-	**PA1118**				11 51 7 823 429
330 D (170 kW) Eng.M57306D3	07-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
330 D (180 kW) Eng.N57D30A	09-	**PA1118**				11 51 7 823 429
3 V Coupe (E92) '9/06-						
320 D, xd (130 kW) Eng.N47D20A	07-	**PA1039**				11 51 7 807 311
320 D, xd (135 kW) Eng.N47D20C	10-	**PA1164**				11 51 8 516 204
320i (110 kW) Eng.N46B20B	06-07	**PA893**				11 51 7 511 220/ 1
320i (125 kW) Eng.N43B20A	07-	**PA893**				11 51 7 511 220/ 1
325 D (145 kW) Eng.M57306D3	07-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
325 D (150 kW) Eng.N57D30A	10-	**PA1118**				11 51 7 823 429
330 D, xd (170 kW) Eng.M57T2D30/M57306D3	06-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
330 D, xd (180 kW) Eng.N57D30A	08-	**PA1118**				11 51 7 823 429
335 D (210 kW) Eng.M57N306D5	06-3/10	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
	3/10-	**PA1126**				11 51 7 805 812
3 V Touring (E91) '1/05-						
316 D (85 kW) Eng.N47D20A	10-	**PA1164**				11 51 8 516 204
318 D (100 kW) Eng.N47D20C	07-	**PA1164**				11 51 8 516 204
318 D (105 kW) Eng.N47D20A	07-	**PA1039**				11 51 7 807 311
318 D (90 kW) Eng.M47T2D20	05-	**PA964**				11 51 7 788 305,11 51 7 790 322 11 51 7 791 833,11 51 7 805 808
318i (95 kW) Eng.N46B20	06-	**PA893**				11 51 7 511 220/ 1
320 D (110 kW) Eng.M47N204D4/M47D20TU	09-	**PA1046**			A/T	11 51 7 788 306,11 51 7 806 349
	09-	**PA965**			M/T	11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
320 D, xd (120 kW) Eng.M47N204D4	05-	**PA964**				11 51 7 788 305,11 51 7 790 322 11 51 7 791 833,11 51 7 805 808

PA115

PA149

PA379

PA380

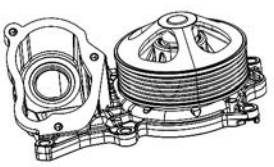
PA893

PA965

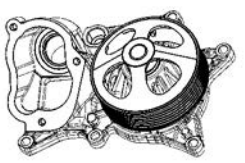
PA1039

PA1118

PA1126



PA1164



PA1178

		GRAF ref.			NOTE	Adaptable for OES
320 D, xd (130 kW) Eng.N47D20A	07-	**PA1039**				11 51 7 807 311
320 D, xd (135 kW) Eng.N47D20C	10-	**PA1164**				11 51 8 516 204
320i (110 kW) Eng.N46B20A/C	05-	**PA893**				11 51 7 511 220/ 1
320i (125 kW) Eng.N43B20A	07-	**PA893**				11 51 7 511 220/ 1
325 D (145 kW) Eng.M57306D3	06-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
325 D (150 kW) Eng.N57D30A	10-	**PA1118**				11 51 7 823 429
330 D, xd (170 kW) Eng.M57T2D30	05-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
330 D, xd (180 kW) Eng.N57D30A	09-	**PA1118**				11 51 7 823 429
335 D (210 kW) Eng.M57N306D5	06-3/10	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
	3/10-	**PA1126**				11 51 7 805 812
3 VI (F30) '12/11-						
316d (85 kW) Eng.N47D20C	12-	**PA1164**				11 51 8 516 204
318d, xD (105 kW) Eng.N47D20C	12-	**PA1164**				11 51 8 516 204
320d (120 kW) Eng.N47D20C	11-	**PA1164**				11 51 8 516 204
320d, xD (135 kW) Eng.N47D20C	11-	**PA1164**				11 51 8 516 204
330dA, xD (190 kW) Eng.N57D30A	12-	**PA1178**				11 51 8 516 205
3 VI GT (F34) '4/13-						
318 d (105 kW) Eng.N47D20C	13-	**PA1164**				11 51 8 516 204
320 d (120 kW)	13-	**PA1164**				11 51 8 516 204
320 d xD (135 kW) Eng.N47D20C	13-	**PA1164**				11 51 8 516 204
325 d (155 kW)	13-	**PA1164**				11 51 8 516 204
325 d (160 kW) Eng.N47D20D	13-	**PA1164**				11 51 8 516 204
330 d, Xd (190 kW) Eng.N57N	14-	**PA1178**				11 51 8 516 205
335 D xD (230 kW) Eng.N57Z	14-	**PA1178**				11 51 8 516 205
3 VI Touring (F31) '7/12-						
316d (85 kW) Eng.N47D20C	12-	**PA1164**				11 51 8 516 204
318d Xd (105 kW) Eng.N47D20C	12-	**PA1164**				11 51 8 516 204
320d, xD (135 kW) Eng.N47D20C	12-	**PA1164**				11 51 8 516 204
330d, xD (190 kW) Eng.N57D30A	12-	**PA1178**				11 51 8 516 205
4 I (F32) Coupe, Cabrio '10/13-						
420d (135 kW) Eng.N47D20C	13-	**PA1164**				11 51 8 516 204
430d, xD (190 kW) Eng.N57D30A	13-	**PA1178**				11 51 8 516 205
435 d, Xd (230 kW) Eng.N57D30B	13-	**PA1178**				11 51 8 516 205
5 I (E12) '8/72-'8/81						
518 (66 kW) Eng.M10B18/(2B4)/(32-32DID)	74-6/81	**PA149**				11 51 1 258 933,11 51 1 259 660 11 51 9 070 752
518i (75 kW) Eng.M10B18(K-Jetronic)	79-81	**PA149**				11 51 1 258 933,11 51 1 259 660 11 51 9 070 752
520 (85 kW) Eng.M10B20(Strombergvergaser)	72-77	**PA149**				11 51 1 258 933,11 51 1 259 660 11 51 9 070 752
520 i (92 kW) Eng.M10B20(K-Jetronic)	75-79	**PA149**				11 51 1 258 933,11 51 1 259 660 11 51 9 070 752
520 i (96 kW) Eng.M10B20(Schäfer-Inj.)	72-75	**PA149**				11 51 1 258 933,11 51 1 259 660 11 51 9 070 752
520/6 (90 kW) Eng.M20B20	77-6/81	**PA115**				11 51 1 267 187/ 583
525 (107 kW) Eng.M30B25(32-40INAT)	73-86	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
525 (110 kW) Eng.M30B25(4A1)	76-81	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
528 (121-125 kW) Eng.M30B28	75-77	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
528 i (1KP135 kW) Eng.M30B28(L-Jetronic)	4/78-81	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761

PA149	**PA243**	**PA264**	**PA270**
PA369	**PA379**	**PA380**	**PA390**
PA431			

		GRAF ref.			NOTE	Adaptable for OES
528 i (1KP135 kW) Eng.M30B28(L-Jetronic)	77-3/78	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
M 535 i (160 kW) Eng.M30B35(Motronic/9.3:1)	80-05/81	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
5 II (E28) '6/81-'6/90						
518 (66 kW) Eng.M10B18(2B4)	4/82-84	**PA264**				11 51 1 274 583,11 51 1 286 355/ 358 11 51 1 721 477,11 51 9 070 755
	81-4/82	**PA149**				11 51 1 258 933,11 51 1 259 660 11 51 9 070 752
518 i (75 kW) Eng.M10B18(K-Jetronic)	4/82-84	**PA264**				11 51 1 274 583,11 51 1 286 355/ 358 11 51 1 721 477,11 51 9 070 755
	81-4/82	**PA149**				11 51 1 258 933,11 51 1 259 660 11 51 9 070 752
518 i (77 kW) Eng.M10B18(L-Jetronic)	83-87	**PA264**				11 51 1 274 583,11 51 1 286 355/ 358 11 51 1 721 477,11 51 9 070 755
520 i (110 kW) Eng.M20	10/87-90	**PA369**				11 51 1 719 836,11 51 1 720 609 11 51 9 070 759
	86-9/87	**PA243**				11 51 1 271 435,11 51 1 706 564/ 588/ 624 11 51 1 711 492,11 51 9 058 996 11 51 9 071 562
520 i (92 kW) Eng.M20B20(L/K-Jetronic)	10/87-12/87	**PA369**				11 51 1 719 836,11 51 1 720 609 11 51 9 070 759
	81-9/87	**PA243**				11 51 1 271 435,11 51 1 706 564/ 588/ 624 11 51 1 711 492,11 51 9 058 996 11 51 9 071 562
520 i (95 kW) Eng.M20B20(Motronic/Kat.)	10/87-12/87	**PA369**				11 51 1 719 836,11 51 1 720 609 11 51 9 070 759
	85-9/87	**PA243**				11 51 1 271 435,11 51 1 706 564/ 588/ 624 11 51 1 711 492,11 51 9 058 996 11 51 9 071 562
524 D (63 kW) Eng.M21D24	86-87	**PA270**				11 51 1 284 247,11 51 1 285 510 11 51 1 287 580,11 51 2 241 641 11 51 2 242 675,11 51 9 070 765
524 tD (85 kW) Eng.M21D24	83-87	**PA270**				11 51 1 284 247,11 51 1 285 510 11 51 1 287 580,11 51 2 241 641 11 51 2 242 675,11 51 9 070 765
525 e 2.7 (92-95 kW) Eng.M20B27	83-87	**PA243**				11 51 1 271 435,11 51 1 706 564/ 588/ 624 11 51 1 711 492,11 51 9 058 996 11 51 9 071 562
525 i (110 kW) Eng.M30B25(L-Jet.)	81-87	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
528 i (135 kW) Eng.M30B28(L-Jetronic)	81-87	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
535 i, M 535 i (141-160 kW) Eng.M30B35(Motronic)	81-87	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
M5 3.5 (211 kW) Eng.S38B35	85-87	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
5 III (E34) '1/88-'9/95						
518 i (83 kW) Eng.M40B18(Kat.)	89-9/91	**PA390**				11 51 1 715 292,11 51 1 721 337 11 51 9 070 763
	9/91-95	**PA431**				11 51 0 007 039,11 51 1 727 123 11 51 1 734 269

PA369	**PA370**	**PA380**	**PA390**
PA430	**PA431**	**PA432A**	**PA502A**
PA570			

		GRAF ref.			NOTE	Adaptable for OES
518 i (85 kW) Eng.M43B18	89-95	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
520 i (95 kW) Eng.M20B20(Motronic/Kat.)	88-91	**PA369**				11 51 1 719 836,11 51 1 720 609 11 51 9 070 759
520 i 24v (110 kW) Eng.M50B(206S1-206S2)Vanos	89-95	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
524 TD (85 kW) Eng.M21D24	3/88-91	**PA370**				11 51 2 242 176/ 677,11 51 9 071 564
525 i (125 kW) Eng.M20B25(Kat.)	88-91	**PA369**				11 51 1 719 836,11 51 1 720 609 11 51 9 070 759
525 i 24v X (141 kW) Eng.M52B25(Vanos)	89-95	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
525 TD (85 kW) Eng.M51D25	93-95	**PA502A**				11 51 0 032 679,11 51 2 243 003 11 51 2 244 333,11 51 2 245 687 11 51 9 068 606,11 51 9 069 529
525 TDs (105 kW) Eng.M51D25(Inter.)	91-95	**PA502A**				11 51 0 032 679,11 51 2 243 003 11 51 2 244 333,11 51 2 245 687 11 51 9 068 606,11 51 9 069 529
530 i (138 kW) Eng.M30B30(Kat.)	88-91	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
530 i V8 (160 kW) Eng.M60B30	92-95	**PA570**				11 51 0 007 042,11 51 1 704 600 11 51 1 731 680,11 51 1 741 001 11 51 1 742 498
535 (210 kW) Eng.S38B36	87-88	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
535 i (155 kW) Eng.M30B35(Motronic/9:1/Kat.)	88-95	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
540 i V8 (210 kW) Eng.M60B40	92-95	**PA570**				11 51 0 007 042,11 51 1 704 600 11 51 1 731 680,11 51 1 741 001 11 51 1 742 498
5 III Touring (E34) '11/91-'1/97						
518 i (83 kW) Eng.M40B18(Kat.)	89-9/91	**PA390**				11 51 1 715 292,11 51 1 721 337 11 51 9 070 763
	9/91-9/93	**PA431**				11 51 0 007 039,11 51 1 727 123 11 51 1 734 269
518 i, g (85 kW) Eng.M43B18	94-97	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
520 i (110 kW) Eng.M50B(206S1-206S2)Vanos	91-97	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
525 i, X (141 kW) Eng.M50B25/M52B25(Vanos)	91-97	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
525 TD (85 kW) Eng.M51D25	93-97	**PA502A**				11 51 0 032 679,11 51 2 243 003 11 51 2 244 333,11 51 2 245 687 11 51 9 068 606,11 51 9 069 529
525 TDs (105 kW) Eng.M51D25(Inter.)	91-97	**PA502A**				11 51 0 032 679,11 51 2 243 003 11 51 2 244 333,11 51 2 245 687 11 51 9 068 606,11 51 9 069 529

PA432A

PA502A

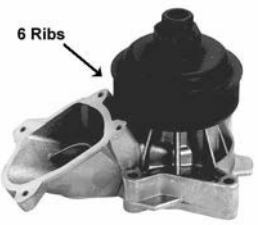
PA570

PA625

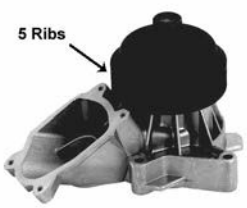
PA759

PA856

PA965



PA1046



PA1053

PA1054

		GRAF ref.			NOTE	Adaptable for OES
530 i V8 (160 kW) Eng.M60B30	92-97	**PA570**				11 51 0 007 042,11 51 1 704 600 11 51 1 731 680,11 51 1 741 001 11 51 1 742 498
540 i (210 kW) Eng.M60B40	93-97	**PA570**				11 51 0 007 042,11 51 1 704 600 11 51 1 731 680,11 51 1 741 001 11 51 1 742 498
5 IV (E39) '11/95-'7/03						
520 D (100 kW) Eng.M47D20	00-02	**PA759**				11 51 0 393 730,11 51 7 786 736
520 D (110 kW) Eng.M47N204D4	6/02-7/03	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
	6/02-7/03	**PA1046**			A/T	11 51 7 788 306,11 51 7 806 349
520 i (100 kW) Eng.M52B(206S3)Vanos	99-03	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
520 i (110 kW) Eng.M52B(206S3-206S4)	96-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
520 i (125 kW) Eng.M54B22	00-7/03	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
523 i (125 kW) Eng.M52B25(Vanos)	95-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
525 D (120 kW) Eng.M57256D1	00-03	**PA1053**				11 51 7 786 192
525 i (141 kW) Eng.M54256S5	00-03	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
525 TD (85 kW) Eng.M51D25	97-03	**PA502A**				11 51 0 032 679,11 51 2 243 003 11 51 2 244 333,11 51 2 245 687 11 51 9 068 606,11 51 9 069 529
525 TDs (105 kW) Eng.M51D25(Inter.)	96-03	**PA502A**				11 51 0 032 679,11 51 2 243 003 11 51 2 244 333,11 51 2 245 687 11 51 9 068 606,11 51 9 069 529
528 i (142 kW) Eng.M52B28	95-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
530 D (135 kW) Eng.M57D30	10/99-00	**PA1053**				11 51 7 786 192
	8/98-9/99	**PA1054**				11 51 2 248 996,11 51 2 354 055
530 D (142 kW) Eng.M57D30	00-7/03	**PA1053**				11 51 7 786 192
530 i (170 kW) Eng.M54306S3	00-7/03	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
535 i (173 kW) Eng.M62B(358S1)	10/98-3/99	**PA856**				11 51 0 393 336,11 51 1 713 266
	96-9/98	**PA625**				11 51 0 393 340,11 51 1 742 598/ 647
535 i (180 kW) Eng.M62B(358S2)	10/99-03	**PA856**				11 51 0 393 336,11 51 1 713 266
	99-9/99	**PA625**				11 51 0 393 340,11 51 1 742 598/ 647
540 i (210 kW) Eng.M62B44	10/98-7/03	**PA856**				11 51 0 393 336,11 51 1 713 266
	96-9/98	**PA625**				11 51 0 393 340,11 51 1 742 598/ 647
5 IV Touring (E39) '11/95-'7/03						
520 D (100 kW) Eng.M47D20/M47204D1	00-7/03	**PA759**				11 51 0 393 730,11 51 7 786 736

PA432A

PA502A

PA625

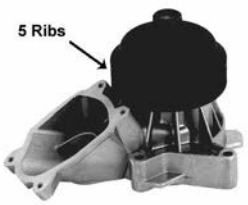
PA856

PA964

PA965

PA1039

PA1046



PA1053

PA1054

		GRAF ref.			NOTE	Adaptable for OES
520 D (110 kW) Eng.M47N204D4	6/02-7/03	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
	6/02-7/03	**PA1046**			A/T	11 51 7 788 306,11 51 7 806 349
520 i (100 kW) Eng.M52B(206S3)Vanos	95-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
520 i (110 kW) Eng.M52B(206S3-206S4)	95-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
520 i (125 kW) Eng.M54B22	00-7/03	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
523 i (125 kW) Eng.M52B25(Vanos)	95-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
525 D (120 kW) Eng.M57256D1/M57D25	97-7/03	**PA1053**				11 51 7 786 192
525 i (141 kW) Eng.M54256S5/M54B25	00-7/03	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
525 tDs (105 kW) Eng.M51D25(Inter.)	96-7/03	**PA502A**				11 51 0 032 679,11 51 2 243 003 11 51 2 244 333,11 51 2 245 687 11 51 9 068 606,11 51 9 069 529
528 i (142 kW) Eng.M52B28/M52B28TU	95-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
530 D (135 kW) Eng.M57D30	10/99-7/03	**PA1053**				11 51 7 786 192
	8/98-9/99	**PA1054**				11 51 2 248 996,11 51 2 354 055
530 D (142 kW) Eng.M57D30	00-7/03	**PA1053**				11 51 7 786 192
530 i (170 kW) Eng.M54306S3/M54B30	00-7/03	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
540 i (210 kW) Eng.M62B44/M62B44TU/M62448S2	10/98-7/03	**PA856**				11 51 0 393 336,11 51 1 713 266
	96-9/98	**PA625**				11 51 0 393 340,11 51 1 742 598/ 647
5 V (E60) '7/03-'7/09						
520 D (110 kW) Eng.M47N204D4	05-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
	05-	**PA1046**			A/T	11 51 7 788 306,11 51 7 806 349
520 D (120 kW) Eng.M47N204D5	05-	**PA964**				11 51 7 788 305,11 51 7 790 322 11 51 7 791 833,11 51 7 805 808
520 D (130 kW) Eng.N47D20A	07-09	**PA1039**				11 51 7 807 311
520i (125 kW) Eng.M54226S1	7/03-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
525 D (120 kW) Eng.M57256D1	-5/07	**PA1053**				11 51 7 786 192
	5/07-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
525 D (130 kW) Eng.M57256D2/D4	04-	**PA965**			M/T+A/T	11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810

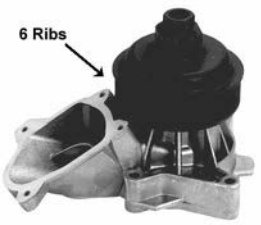
PA432A

PA964

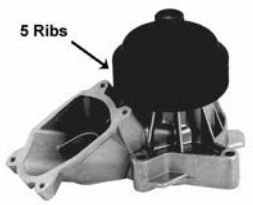
PA965

PA1039

PA1040



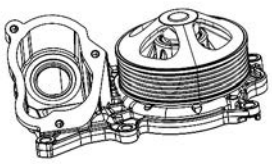
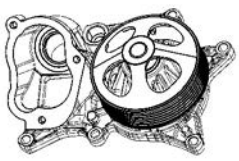
PA1046



PA1053

PA1058

		GRAF ref.			NOTE	Adaptable for OES
525 D, xd (145 kW) Eng.M57306D3	07-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
525i (141 kW) Eng.M54256S5	03-09	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
530 D (160 kW) Eng.N57306D2	03-	**PA965**			M/T+A/T	11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
530 D, xd (170 kW) Eng.M57306D3	03-	**PA965**			M/T+A/T	11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
530 D, xd (173 kW) Eng.M57306D3	07-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
530i (170 kW) Eng.M54306S3	7/03-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
535 D (200 kW) Eng.M57306D4	04-	**PA965**			M/T+A/T	11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
535 D (210 kW) Eng.M57N306D5	07-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
540i (225 kW) Eng.N62B40A	05-	**PA1058**				11 51 7 531 860,11 51 7 586 779
545i (245 kW) Eng.N62B44	03-05	**PA1040**				11 51 7 524 552,11 51 7 586 781
550i (270 kW) Eng.N62B48B	05-	**PA1058**				11 51 7 531 860,11 51 7 586 779
5 V Touring (E61) '7/03-'7/09						
520 D (110 kW) Eng.M47N204D4	05-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
	05-	**PA1046**			A/T	11 51 7 788 306,11 51 7 806 349
520 D (120 kW) Eng.M47N204D5	05-	**PA964**				11 51 7 788 305,11 51 7 790 322 11 51 7 791 833,11 51 7 805 808
520 D (130 kW) Eng.N47D20A	07-09	**PA1039**				11 51 7 807 311
520i (125 kW) Eng.M54226S1	7/03-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
525 D (120 kW) Eng.M57N256D1	-5/07	**PA1053**				11 51 7 786 192
	5/07-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
525 D (130 kW) Eng.M57N256D4	04-	**PA965**			M/T+A/T	11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
525 D, xd (145 kW) Eng.N57306D3	07-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
525i (141 kW) Eng.M54256S5	9/03-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
530 D (160 kW) Eng.N57306D2	03-	**PA965**			M/T+A/T	11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
530 D, xd (170 kW) Eng.M57306D3	03-	**PA965**			M/T+A/T	11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
530 D, xd (173 kW) Eng.M57306D3	07-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
530i (170 kW) Eng.M54306S3	7/03-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
535 D (200 kW) Eng.M57306D4	04-	**PA965**			M/T+A/T	11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
535 D (210 kW) Eng.M57N306D5	07-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
545i (245 kW) Eng.N62B44	03-05	**PA1040**				11 51 7 524 552,11 51 7 586 781

PA379	**PA380**	**PA1058**	**PA1116**
			
PA1164	**PA1178**		

		GRAF ref.			NOTE	Adaptable for OES
550i (270 kW) Eng.N62B48B	05-	**PA1058**				11 51 7 531 860,11 51 7 586 779
						5 VI (F07) GT '8/09-
530d, xd (180 kW) Eng.N57D30	09-	**PA1116**			A/T	11 51 7 823 428,11 51 8 512 497 11 51 8 516 435
535d, xd (220 kW) Eng.N57D30B/N57SD30B	10-	**PA1116**			A/T	11 51 7 823 428,11 51 8 512 497 11 51 8 516 435
						5 VI (F10) '2/10-
520d, Xd (135 kW) Eng.N47D20C	10-	**PA1164**				11 51 8 516 204
525d (150 kW) Eng.N57D30A	10-	**PA1116**				11 51 7 823 428,11 51 8 512 497 11 51 8 516 435
525d, xD (160 kW) Eng.N47D20D	11-	**PA1116**				11 51 7 823 428,11 51 8 512 497 11 51 8 516 435
528i, xD (180 kW) Eng.N20B20A	11-	**PA1116**				11 51 7 823 428,11 51 8 512 497 11 51 8 516 435
530d (180 kW) Eng.N57D30	10-	**PA1116**				11 51 7 823 428,11 51 8 512 497 11 51 8 516 435
530d, xd (190 kW) Eng.N57D30A	11-	**PA1178**				11 51 8 516 205
535d (220 kW) Eng.N57D30B	10-	**PA1116**				11 51 7 823 428,11 51 8 512 497 11 51 8 516 435
535d, xD (230 kW) Eng.N57D30B	11-	**PA1116**				11 51 7 823 428,11 51 8 512 497 11 51 8 516 435
M 550d xD (280 kW) Eng.N57D30C	12-	**PA1178**				11 51 8 516 205
						5 VI Touring (F11) '6/10-
520d (135 kW) Eng.N47D20C	10-	**PA1164**				11 51 8 516 204
525d (150 kW) Eng.N57D30A	10-	**PA1116**				11 51 7 823 428,11 51 8 512 497 11 51 8 516 435
525d, xD (160 kW) Eng.N47D20D	11-	**PA1164**				11 51 8 516 204
530d (180 kW) Eng.N57D30A	10-	**PA1116**				11 51 7 823 428,11 51 8 512 497 11 51 8 516 435
530d, xd (190 kW) Eng.N57D30A	11-	**PA1178**				11 51 8 516 205
535d (220 kW) Eng.N57D30B	10-	**PA1116**				11 51 7 823 428,11 51 8 512 497 11 51 8 516 435
535d, xD (230 kW) Eng.N57D30B	11-	**PA1178**				11 51 8 516 205
M 550d xD (280 kW) Eng.N57D30C	12-	**PA1178**				11 51 8 516 205
						6 I (E24) '4/76-'9/90
628 CSi (135 kW) Eng.M30B28(L-Jetronic)	9/79-87	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
630 CS (136 kW) Eng.M30B30(4A1)	76-8/79	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
633 CSi (145 kW) Eng.M30B32(L-Jetronic/9:1)	78-8/79	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
	9/79-84	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
633 CSi (147 kW) Eng.M30B32(L-Jetronic)	76-8/79	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
635 CSi (136-155 kW) Eng.M30B35(Motronic/Kat.)	76-8/79	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
	9/79-89	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761

PA379

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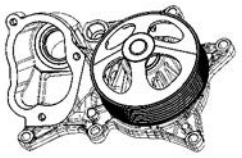

PA1178

		GRAF ref.			NOTE	Adaptable for OES
635 CSi (141 kW) Eng.M30B35	85-90	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
635 CSi (160 kW) Eng.M30B35(L-Jetronic/10:1)	78-88	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
M 635 CSi (191 kW) Eng.S38B35(Kat)	86-88	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
M 635 CSi (211 kW) Eng.S38B35	84-89	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
6 II (E63, E64), Cabrio '1/04-'1/11						
635 D (210 kW) Eng.M57N306D5	07-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
645Ci (245 kW) Eng.N62B44A/N62B44	04-05	**PA1040**				11 51 7 524 552,11 51 7 586 781
650i (270 kW) Eng.N62B48B	7/05-	**PA1058**				11 51 7 531 860,11 51 7 586 779
6 III (F12, F13) Cabrio, Coupe, GC '2/11-						
640d, xD (230 kW) Eng.N57D30B	11-	**PA1178**				11 51 8 516 205
7 I (E23) '5/77-'8/86						
728 (125 kW) Eng.M30B28	77-8/79	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
728 i (135 kW) Eng.M30B28(L-Jetronic)	78-8/79	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
	9/79-86	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
730 (135 kW) Eng.M30B30(4A1)	77-8/79	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
732 i/733 i (145 kW) Eng.M30B32(Motronic/10:1)	77-8/79	**PA379**				11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
	9/79-86	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
735 i (136 kW) Eng.M30B35(Motronic/8:1/Kat.)	9/79-86	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
735 i (141-160 kW) Eng.M30B35(Motronic)	9/79-86	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
745 i (185 kW) Eng.M30B32(Turbo/8:1)	80-83	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
745 i (185 kW) Eng.M30B35	83-86	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761

PA379

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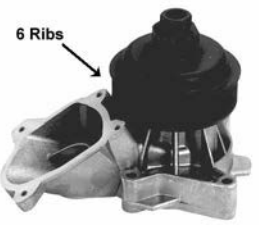

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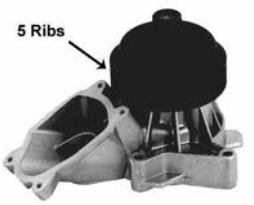

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PA1054

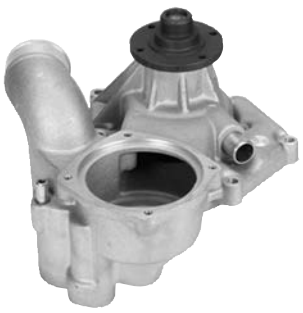
		GRAF ref.			NOTE	Adaptable for OES
7 II (E32) '9/86-'9/94						
730 i,iL (138 kW) Eng.M30B30(Kat.)	86-94	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
	86-94	**PA379**			Usa	11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
730 i,iL (145 kW) Eng.M30B30	86-94	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
	86-94	**PA379**			Usa	11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
730 i,iL V8 (160 kW) Eng.M60B30	92-94	**PA570**				11 51 0 007 042,11 51 1 704 600 11 51 1 731 680,11 51 1 741 001 11 51 1 742 498
735 i,iL (155 kW) Eng.M30B35(Motronic/9:1/Kat.)	86-92	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
	86-92	**PA379**			Usa	11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
735 i,iL (162 kW) Eng.M30B35(Motronic/9.2:1)	86-87	**PA380**				11 51 1 271 436,11 51 1 286 417 11 51 1 287 367,11 51 1 312 539 11 51 1 707 190/ 1/ 2,11 51 1 720 892/ 3 11 51 9 070 761
	86-87	**PA379**			Usa	11 51 1 253 143,11 51 1 263 934 11 51 1 705 236/ 273,11 51 1 707 414 11 51 9 070 756/ 7
740 i,iL V8 (210 kW) Eng.M60B40	92-94	**PA570**				11 51 0 007 042,11 51 1 704 600 11 51 1 731 680,11 51 1 741 001 11 51 1 742 498
750 i,iL V12 (220 kW) Eng.M70B50	87-94	**PA681**				11 51 1 720 240,11 51 1 729 741/ 855
7 III (E38) '10/94-'11/01						
725 TDs (105 kW) Eng.M51D25(Inter.)	96-01	**PA502A**				11 51 0 032 679,11 51 2 243 003 11 51 2 244 333,11 51 2 245 687 11 51 9 068 606,11 51 9 069 529
728 i,iL, iX (142 kW) Eng.M52B28	95-01	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
730 D (135 kW) Eng.M57D30	10/99-00	**PA1053**				11 51 7 786 192
	-9/99	**PA1054**				11 51 2 248 996,11 51 2 354 055
730 D (142 kW) Eng.M57306D1	00-01	**PA1053**				11 51 7 786 192
730 i,iL (155-160 kW) Eng.M60B30	94-01	**PA604**				11 51 0 007 043,11 51 1 736 203 11 51 1 741 002,11 51 1 742 517
735 i,iL (173 kW) Eng.M62B(358S1)	10/98-01	**PA856**				11 51 0 393 336,11 51 1 713 266
	96-9/98	**PA625**				11 51 0 393 340,11 51 1 742 598/ 647
740 D (180 kW) Eng.M67D39	99-01	**PA857**				11 51 7 785 234
740 i,iL (210 kW) Eng.M60B40	94-01	**PA604**				11 51 0 007 043,11 51 1 736 203 11 51 1 741 002,11 51 1 742 517
740 i,iL (210 kW) Eng.M62B44	10/98-01	**PA856**				11 51 0 393 336,11 51 1 713 266
	96-9/98	**PA625**				11 51 0 393 340,11 51 1 742 598/ 647
750 i,iL (240 kW) Eng.M73B54	94-9/98	**PA681**				11 51 1 720 240,11 51 1 729 741/ 855
7 IV (E65, E66) '11/01-'12/08						
730 D (160 kW) Eng.M57306D2	10/02-	**PA1046**				11 51 7 788 306,11 51 7 806 349

PA432A

PA570

PA604

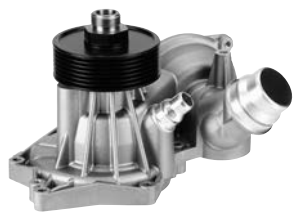
PA625



PA680

PA681

PA856



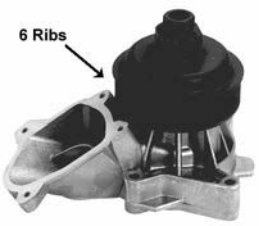
PA867

PA893

PA964

PA1039

PA1040



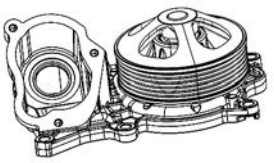
PA1046

PA1058

PA1074

PA1116

PA1129



PA1164

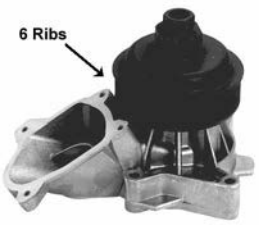
		GRAF ref.			NOTE	Adaptable for OES
730 i,Li (170 kW) Eng.M54306S3	03-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
730 LD (170 kW) Eng.M54B30	05-	**PA1046**				11 51 7 788 306,11 51 7 806 349
735 i,Li (200 kW) Eng.N62B36	10/03-	**PA1040**				11 51 7 524 552,11 51 7 586 781
	-9/03	**PA1129**			A/T	11 51 0 150 972,11 51 7 507 849 11 51 7 508 496,11 51 7 586 780
740 D (190 kW) Eng.N67398D1	10/02-	**PA867**				11 51 7 789 411
740 i,Li (225 kW) Eng.N62B40A	05-	**PA1058**				11 51 7 531 860,11 51 7 586 779
745 D (220 kW) Eng.N67N448D1	3/05-8/05	**PA1074**		•		11 51 7 792 549
745 D (242 kW) Eng.N67N448D2	7/05-	**PA1074**		•		11 51 7 792 549
745 i,Li (245 kW) Eng.N62B44	10/03-	**PA1040**				11 51 7 524 552,11 51 7 586 781
	-9/03	**PA1129**			A/T	11 51 0 150 972,11 51 7 507 849 11 51 7 508 496,11 51 7 586 780
750 i,Li (270 kW) Eng.N62B48B	05-	**PA1058**				11 51 7 531 860,11 51 7 586 779
760 (320 kW) Eng.N73B60A	03-05	**PA1129**				11 51 0 150 972,11 51 7 507 849 11 51 7 508 496,11 51 7 586 780
760 i,Li (327 kW) Eng.N73B60	03-08	**PA1129**			A/T	11 51 0 150 972,11 51 7 507 849 11 51 7 508 496,11 51 7 586 780
7 V (F01, F02, F03, F04) '10/08-						
730d (180 kW) Eng.N57D30	10-	**PA1116**				11 51 7 823 428,11 51 8 512 497 11 51 8 516 435
740d, xd (225 kW) Eng.N57SD30B	09-	**PA1116**				11 51 7 823 428,11 51 8 512 497 11 51 8 516 435
8 (E31) '4/90-'12/99						
840 Ci (210 kW) Eng.M62B44	10/98-12/99	**PA856**				11 51 0 393 336,11 51 1 713 266
	96-9/98	**PA625**				11 51 0 393 340,11 51 1 742 598/ 647
840 i (210 kW) Eng.M60B40	93-96	**PA570**				11 51 0 007 042,11 51 1 704 600 11 51 1 731 680,11 51 1 741 001 11 51 1 742 498
840i (210 kW) Eng.M60B44	93-95	**PA604**				11 51 0 007 043,11 51 1 736 203 11 51 1 741 002,11 51 1 742 517
850 Ci (240 kW) Eng.M73B54	94-99	**PA681**				11 51 1 720 240,11 51 1 729 741/ 855
850 CSi (280 kW) Eng.S/M70B56	93-96	**PA681**				11 51 1 720 240,11 51 1 729 741/ 855
850 i,Ci (220 kW) Eng.M70B50	90-94	**PA680**				11 51 1 725 797,11 51 1 729 359
X1 (E84) '9/09-						
16d (85 kW) Eng.N47D20C	12-	**PA1164**				11 51 8 516 204
18d, xd (100 kW) Eng.N47D20C	10-	**PA1039**				11 51 7 807 311
18d, xD (105 kW) Eng.N47D20A/C	09-	**PA1039**				11 51 7 807 311
18i (110 kW) Eng.N46B20B	09-	**PA893**				11 51 7 511 220/ 1
20d (130 kW) Eng.N47D20C	09-	**PA1039**				11 51 7 807 311
20d, xd (120 kW) Eng.N47D20C	10-	**PA1039**				11 51 7 807 311
20d, xD (135 kW) Eng.N47D20C	12-	**PA1164**				11 51 8 516 204
23dA (150 kW) Eng.N47D20D	09-	**PA1039**				11 51 7 807 311
25dA (160 kW) Eng.N47D20D	12-	**PA1164**				11 51 8 516 204
X3 I (E83) '1/04-'9/10						
1.8 D (105 kW) Eng.N47D20A	09-	**PA1039**				11 51 7 807 311
2.0 D (110 kW) Eng.M47N204D4	04-	**PA964**				11 51 7 788 305,11 51 7 790 322 11 51 7 791 833,11 51 7 805 808
2.0 D (130 kW) Eng.M47N204D4	07-	**PA1039**				11 51 7 807 311
2.0 i (110 kW) Eng.N46B20A	05-	**PA893**				11 51 7 511 220/ 1
2.5 (141 kW) Eng.M54256S5	1/04-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910

PA432A

PA856

PA965

PA1040



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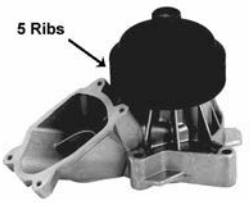
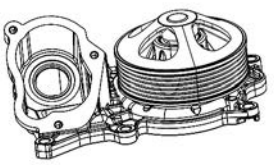


PA1053

PA1058

PA1116

PA1126



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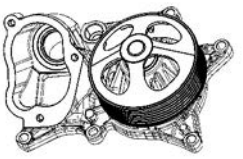

PA1178

		GRAF ref.			NOTE	Adaptable for OES
3.0 (170 kW) Eng.M54306S3	1/04-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
3.0 D (150 kW) Eng.M57N306D2	04-3/10	**PA965**			M/T+A/T	11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
	3/10-	**PA1126**				11 51 7 805 812
3.0 D (160 kW) Eng.M57D306D3	-8/05	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
	9/05-	**PA1126**				11 51 7 805 812
3.0 sD (210 kW) Eng.M57D306D5	06-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
X3 II (F25) '10/10-						
2.0d (135 kW) Eng.N47D20C	10-	**PA1164**				11 51 8 516 204
3.0dA xDrive (190 kW) Eng.N57D30A	11-	**PA1178**				11 51 8 516 205
35d, xD (230 kW) Eng.N57D30B	11-	**PA1178**				11 51 8 516 205
X5 I (E53) '5/00-'12/06						
3.0 D (135 kW) Eng.M57306D1	01-	**PA1053**				11 51 7 786 192
3.0 D (160 kW) Eng.M57N306D4	03-	**PA1046**				11 51 7 788 306,11 51 7 806 349
3.0 i (163 kW) Eng.M54306S3	00-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
3.0 i (170 kW) Eng.M54306S3	00-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
4.4 i (210 kW) Eng.M62B44	00-	**PA856**				11 51 0 393 336,11 51 1 713 266
4.4 i (235 kW) Eng.N62B44A	03-06	**PA1040**				11 51 7 524 552,11 51 7 586 781
4.6 is (255 kW) Eng.M67468S1	02-	**PA856**				11 51 0 393 336,11 51 1 713 266
4.8 is (265 kW) Eng.N62B48A	04-06	**PA1040**				11 51 7 524 552,11 51 7 586 781
X5 II (E70) '2/07-						
3.0 D (173 kW) Eng.M57306D3	07-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
3.0 xd (180 kW) Eng.N57D30A	10-	**PA1116**				11 51 7 823 428,11 51 8 512 497 11 51 8 516 435
3.0s D (210 kW) Eng.M57N306D5	07-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
4.0 xd (225 kW) Eng.N57SD30B	10-	**PA1116**				11 51 7 823 428,11 51 8 512 497 11 51 8 516 435
4.8 i (261 kW) Eng.N62B48B	07-	**PA1058**				11 51 7 531 860,11 51 7 586 779
X5 III (F15) '10/13-						
25d, xD (160 kW) Eng.N47D20D	13-	**PA1164**				11 51 8 516 204
30d xD (190 kW) Eng.N57D30A	13-	**PA1178**				11 51 8 516 205
40d xD (230 kW)	13-	**PA1178**				11 51 8 516 205
M50d (280 kW) Eng.N57D30C	13-	**PA1178**				11 51 8 516 205
X6 (E71) '3/08-						
30d (173 kW) Eng.M57306D3	08-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
30xd (180 kW) Eng.N57D30A/M57N2306D3	10-	**PA1116**				11 51 7 823 428,11 51 8 512 497 11 51 8 516 435
35d (210 kW) Eng.M57N306D5	08-	**PA965**				11 51 7 790 135,11 51 7 791 834 11 51 7 801 609,11 51 7 805 810
40xd (225 kW) Eng.N57SD30B	10-	**PA1116**				11 51 7 823 428,11 51 8 512 497 11 51 8 516 435

PA369	**PA430**	**PA432A**	**PA694**
PA696	**PA738**	**PA893**	**PA959**
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PA1128	**KP738-2**		

		GRAF ref.			NOTE	Adaptable for OES
Z1 '6/88-'6/91						
2.5 (125 kW) Eng.M20B25(Kat.)	88-91	**PA369**				11 51 1 719 836,11 51 1 720 609 11 51 9 070 759
Z3 (E36) '10/95-'1/03						
1.8 (85 kW) Eng.M43B18	95-98	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
1.9 (103 kW) Eng.M44B19	95-99	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
1.9 (85 kW) Eng.M43194E1	99-03	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
1.9 (87 kW) Eng.M43B19	98-03	**PA430**				11 51 0 393 338,11 51 1 721 872 11 51 1 727 468,11 51 1 734 595/ 602
2.0 (110 kW) Eng.M52B(206S3)Vanos	99-03	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
2.2 (125 kW) Eng.M54226S1/M54B22	8/00-03	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
2.8, Coupe (141 kW) Eng.M52B28	97-00	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
3.0, Coupe (170 kW) Eng.M54306S3	6/00-03	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
Z4 I (E85, 86) '2/03-'2/09						
2.0 i (110 kW) Eng.N46B20A	05-	**PA893**				11 51 7 511 220/ 1
2.2 i (125 kW) Eng.M54226S1	10/03-	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
2.5 i (141 kW) Eng.M54256S5	03-09	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910
3.0 i (170 kW) Eng.M54306S3	03-09	**PA432A**				11 51 1 433 712/ 828,11 51 1 722 536 11 51 1 730 414,11 51 1 740 241 11 51 1 744 243,11 51 7 503 884 11 51 7 504 040,11 51 7 527 799 11 51 7 527 910

CHEVROLET

Aveo I '5/05-'4/08						
1.2 (53 kW) Eng.F12S3	06-08	**PA738**		•		96518977,96666219
	06-08	**KP738-2**		•	Belt:109x25, PA738	96518977,96610029,96666219
1.4 16v (69 kW) Eng.F14D3	06-08	**PA696**		•	+RB	96182871,96352650,96872702,96930074
1.5 (62 kW) Eng.F15S3	05-08	**PA694**		•		96350799,96352648,96872704
Aveo II (T200, 250) '4/08-						
1.2 (55 kW) Eng.B12D1	08-	**PA1128**	•			25188341,25191167,96416294
1.2 (62 kW) Eng.F12D4/B12D1	08-	**PA1128**	•			25188341,25191167,96416294
1.2 LPG (62 kW) Eng.B12D1	08-	**PA1128**	•			25188341,25191167,96416294
1.4 (74 kW) Eng.F14D4	08-	**PA959**				24405895

PA572A	**PA694**	**PA696**	**PA738**
PA834	**PA959**	**PA991**	**PA1061**
PA1068	**PA1083**	**PA1085**	**PA1124**
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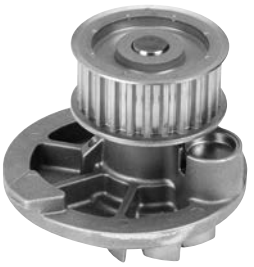
KP738-1	**KP738-2**		

		GRAF ref.			NOTE	Adaptable for OES
1.6 (77 kW) Eng.A16DMS	04-06	**PA696**		•	+RB	96182871,96352650,96872702,96930074
Aveo III (T300) '3/11-						
1.2 (51 kW) Eng.A12XEL	11-	**PA1124**				55561623,55587345,55595610
1.2 (63 kW) Eng.A12XER	11-	**PA1124**				55561623,55587345,55595610
1.2 GPL (63 kW) Eng.A12XER	12-	**PA1124**				55561623,55587345,55595610
1.3 D (55 kW) Eng.LDV	11-	**PA1083**				12855462,93195466
1.3 D (70 kW) Eng.LSF	11-	**PA1083**				12855462,93195466
1.4 (74 kW) Eng.A14XER	11-	**PA1124**				55561623,55587345,55595610
1.4 T (103 kW) Eng.LUJ	13-	**PA1124**				55561623,55587345,55595610
1.6 (85 kW) Eng.F16D4	11-	**PA959**				24405895
Captiva (C100, 140) '6/06-						
2.0 VCDi (110 kW) Eng.Z20DMH	06-	**PA1068**		•		25183429,96440224
2.0 VCDi (110 kW) Eng.Z20S	07-	**PA1068**		•		25183429,96440224
2.0 VCDi (93 kW) Eng.Z20S	08-	**PA1068**		•		25183429,96440224
2.4 16v, quattro (100-104 kW) Eng.Z24SED	06-	**PA572A**		•		24409355,92065969
3.2 4WD (169 kW) Eng.10HM	06-	**PA991**				92149009
Cruze (J300/305), SW '5/09-						
1.4 (74 kW) Eng.A14XER/LDD	13-	**PA1124**				55561623,55587345,55595610
1.4 SW (103 kW) Eng.A14NEL/LUJ	12-	**PA1124**				55561623,55587345,55595610
1.6 (80 kW) Eng.F16D3/LXT	09-	**PA959**				24405895
1.6 LS (83 kW) Eng.F16D4/LXV	09-	**PA959**				24405895
1.6 LS (83 kW) Eng.LXV	09-	**PA959**				24405895
1.6, SW (86 kW) Eng.LDE	12-	**PA959**				24405895
1.6, SW (91 kW) Eng.F16D4/LDE	09-	**PA959**				24405895
1.7 D, SW (96 kW) Eng.LUD	12-	**PA834**				98109416
1.8 (102-104 kW) Eng.2H0/F18D4	09-	**PA959**				24405895
1.8 (104-106 kW) Eng.2H0	11-	**PA959**				24405895
2.0 CDi (90-92 kW) Eng.LLW	09-	**PA1068**		•		25183429,96440224
2.0 D LT (110 kW) Eng.LLW/Z20S1	09-12	**PA1068**		•		25183429,96440224
Epica '1/05-						
2.0 (94 kW) Eng.T20SED4	05-06	**PA572A**		•		24409355,92065969
2.0 (98 kW) Eng.T20SED	05-06	**PA572A**		•		24409355,92065969
2.0 VCDi 16v (110 kW) Eng.Z20S	07-	**PA1068**		•		25183429,96440224
Evanda '3/05-						
2.0 (96 kW) Eng.X20SED	05-	**PA572A**		•		24409355,92065969
Kalos '3/05-						
1.2 (53 kW) Eng.B12S1	05-	**PA738**		•		96518977,96666219
	05-	**KP738-2**		•	Belt:109x25, PA738	96518977,96610029,96666219
1.4 16v (61 kW) Eng.F14S3	05-	**PA694**		•		96350799,96352648,96872704
1.4 16v (69 kW) Eng.F14D3	05-	**PA696**		•	+RB	96182871,96352650,96872702,96930074
Lacetti '3/05-						
1.4 16v (70 kW) Eng.F14D3	05-	**PA696**		•	+RB	96182871,96352650,96872702,96930074
1.6 (80 kW) Eng.F16D3	05-	**PA696**		•	+RB	96182871,96352650,96872702,96930074
1.8 (89 kW) Eng.F18D3	05-	**PA1061**		•		96499089
1.8 (90 kW) Eng.T18SED	05-12/05	**PA572A**		•		24409355,92065969
	06-	**PA1061**		•		96499089
2.0 D (89 kW) Eng.Z20DM	07-	**PA1068**		•		25183429,96440224
Malibu '11/12-						
2.0 D (117 kW) Eng.LBS	12-	**PA1085**		•	+RB	55568637
Matiz '3/05-						
0.8 (38 kW) Eng.F8CV	05-	**PA738**		•		96518977,96666219
	05-	**KP738-1**		•	Belt:107x25, PA738	12761-78B00/ -80D00,96352965,96518977 96666219
1.0 (47 kW) Eng.F10NS	05-	**PA738**		•		96518977,96666219
	05-	**KP738-2**		•	Belt:109x25, PA738	96518977,96610029,96666219

			
PA420A	**PA572A**	**PA671**	**PA688**
PA696	**PA711**	**PA738**	**PA802**
PA834	**PA959**	**PA992**	**PA1061**
PA1068	**PA1076**	**PA1124**	**PA1128**
Immagine non disponibile **Picture not available**	**Immagine non disponibile** **Picture not available**		
KP738-1	**KP738-2**		

		GRAF ref.			NOTE	Adaptable for OES
1.0 (49 kW) Eng.B10S1	05-	**PA738**		•		96518977,96666219
	05-	**KP738-2**		•	Belt:109x25, PA738	96518977,96610029,96666219
Nubira, SW '3/05-						
1.4 (69 kW) Eng.F14D3	05-	**PA696**		•	+RB	96182871,96352650,96872702,96930074
1.6 (80 kW) Eng.F16D3	05-	**PA696**		•	+RB	96182871,96352650,96872702,96930074
1.8 (89 kW) Eng.F18D3	05-	**PA696**		•	+RB	96182871,96352650,96872702,96930074
1.8 (90 kW) Eng.T18SED	05-12/05	**PA572A**		•		24409355,92065969
	06-	**PA1061**		•		96499089
2.0 D (89 kW) Eng.Z20DM	07-	**PA1068**		•		25183429,96440224
Orlando '6/11-						
1.4 (103 kW) Eng.LUJ	12-	**PA1124**				55561623,55587345,55595610
1.8 LT (104 kW) Eng.2H0/F18D4	11-	**PA959**				24405895
Rezzo '3/05-						
1.6 (79 kW) Eng.A16DMS	05-	**PA696**		•	+RB	96182871,96352650,96872702,96930074
2.0 (90 kW) Eng.X20SED	05-	**PA572A**		•		24409355,92065969
Spark I '3/05-'2/10						
0.8 (37 kW) Eng.F8CV	05-10	**PA738**		•		96518977,96666219
	05-10	**KP738-1**		•	Belt:107x25, PA738	12761-78B00/ -80D00,96352965,96518977 96666219
1.0 (46 kW) Eng.F10NS	05-10	**PA738**		•		96518977,96666219
	05-10	**KP738-2**		•	Belt:109x25, PA738	96518977,96610029,96666219
1.0 SX (49 kW) Eng.B10S1	1/06-	**PA738**		•		96518977,96666219
	1/06-	**KP738-2**		•	Belt:109x25, PA738	96518977,96610029,96666219
Spark II '3/10-						
1.0 (50 kW) Eng.B10D1	10-	**PA1128**	•			25188341,25191167,96416294
1.0 GPL (50 kW) Eng.B10D1	11-	**PA1128**	•			25188341,25191167,96416294
1.2 (60 kW) Eng.B12D1	10-	**PA1128**	•			25188341,25191167,96416294
1.2 LPG (58-60 kW) Eng.B12D1	10-	**PA1128**	•			25188341,25191167,96416294
Tacuma '1/05-						
1.6 (77 kW) Eng.A16DMS	05-	**PA696**		•	+RB	96182871,96352650,96872702,96930074
Trax '4/13-						
1.4 T, AWD (103 kW) Eng.LUJ	13-	**PA1124**				55561623,55587345,55595610
1.6, AWD (85 kW) Eng.F16D4,LDE	13-	**PA959**				24405895
1.7 D, AWD (96 kW) Eng.LUD	13-	**PA834**				98109416
1.8 (103 kW) Eng.2H0/F18D4	13-	**PA959**				24405895

CHRYSLER

300 C, Touring '9/04-						
3.0 CRD (160 kW) Eng.OM664	05-	**PA992**				05175580AA,68087367AA
Crossfire, Roadster '7/03-						
3.2 (160 kW) Eng.EGX	03-	**PA711**				5097159AA/ AC/ AD,5102893AA
Grand Voyager I '1/91-'1/95						
2.5 TD (87 kW) Eng.09B/M00	91-95	**PA420A**	•			4720429
Grand Voyager II '1/96-'4/08						
2.5 TD (84-87 kW) Eng.HR425CLI/EE	96-01	**PA802**	•		Impeller Ø 71mm	4864566/ AB
	96-01	**PA671**	•		Impeller Ø 76mm	4864566/ AB
Grand Voyager III (RT) '5/08-						
2.8 CRD (120 kW) Eng.VM64C	08-	**PA1076**		•		68027359AA
Neon I (PL) '5/94-'8/99						
1.8 16v (85 kW) Eng.EBD	97-99	**PA688**		•		4667660/ AE
2.0 16v (98 kW) Eng.420H	94-99	**PA688**		•		4667660/ AE

PA420A

PA628

PA671

PA688

PA795

PA802

PA858

PA1030

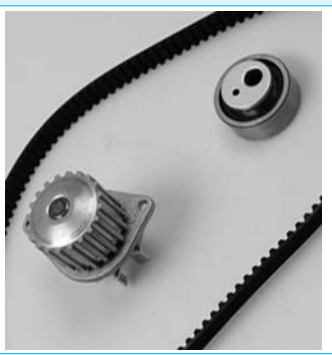
PA1056

PA1076

PA1082

PA1083

PA1155



KP628-2

		GRAF ref.			NOTE	Adaptable for OES
Neon II '8/99-						
2.0 16v (98 kW) Eng.ECB	99-	**PA688**		•		4667660/ AE
PT Cruiser '6/00-						
2.0 (100 kW) Eng.ECC	04-	**PA688**		•		4667660/ AE
2.0 (104 kW) Eng.ECC	00-	**PA688**		•		4667660/ AE
2.2 CRD (110 kW) Eng.OM664	8/05-	**PA858**				5080488AA/ AB
2.2 CRD (89 kW) Eng.EDJ	02-	**PA858**				5080488AA/ AB
2.4 (105 kW) Eng.EDZ	05-	**PA688**		•		4667660/ AE
2.4 Cabrio (105 kW) Eng.EDZ	04-	**PA688**		•		4667660/ AE
2.4, Cabrio (110 kW) Eng.EDZ	00-	**PA688**		•		4667660/ AE
Sebring II (JR), Cabrio '4/01-'6/07						
2.0, Cabrio (104 kW) Eng.ECC	01-	**PA688**		•		4667660/ AE
2.4, Cabrio (112 kW) Eng.EDZ	01-07	**PA1082**	•			68046026AA,K68046026AA
Sebring III (JS) '7/07-						
2.4 VVT (125 kW) Eng.ED3	07-	**PA1082**	•			68046026AA,K68046026AA
Stratus (JA) '12/95-						
2.0 16v (98 kW) Eng.ECB	95-	**PA688**		•		4667660/ AE
Voyager I (ES) '8/84-'9/95						
2.5 TD (87 kW) Eng.09B/M00	92-95	**PA420A**	•			4720429
3.0 i (108 kW) Eng.6G72/300	84-95	**PA795**		•		5135756AA
Voyager II (GS) '1/95-'3/01						
2.0 i (98 kW) Eng.C00	95-01	**PA688**		•		4667660/ AE
2.5 TD (85 kW) Eng.425CLIRS-X	95-01	**PA802**	•		Impeller Ø 71mm	4864566/ AB
	95-01	**PA671**	•		Impeller Ø 76mm	4864566/ AB
Voyager III (RG) '2/00-'12/07						
2.5 CRD (105 kW) Eng.ENC/ENJ	00-07	**PA1056**	•	•		5066809AA/ AB
2.8 CRD (110 kW) Eng.ENR	04-07	**PA1056**	•	•		5066809AA/ AB
Voyager IV (RT) '1/08-						
2.8 CRDi (120 kW) Eng.VM64C	08-	**PA1076**		•		68027359AA
Ypsilon '5/11-						
0.9 Twinair (63 kW) Eng.312A2.000	11-	**PA1155**				55225394,55233943
1.2 (51 kW) Eng.169A4.000	11-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.3 MJT (70 kW) Eng.199B1.000	11-	**PA1083**				46815125

CITROËN

Ax (ZA) '7/84-'12/98						
0.95 (32 kW) Eng.C1A	86-92	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
0.95 (33 kW) Eng.CDY(TU9M)	86-98	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
	7/86-12/98	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
0.95 (37 kW) Eng.CDZ(TU9M)	86-98	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
	7/86-12/98	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
0.95 E (30 kW) Eng.C3A	86-98	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
	12/86-12/98	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.1 (40 kW) Eng.H1B	86-90	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
	12/86-6/90	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.1 (40 kW) Eng.HDZ(TU1M)	89-97	**PA628**		•		1201.E3,1207.23,9451001263,9617376980

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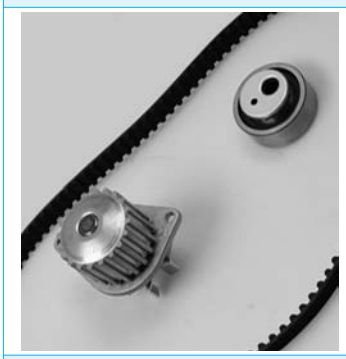
PA491

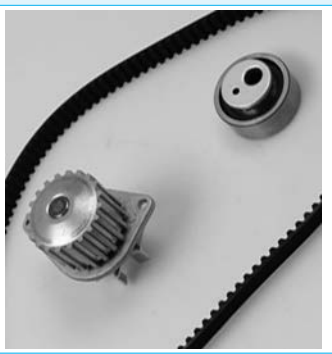
PA628

PA837

KP491-1

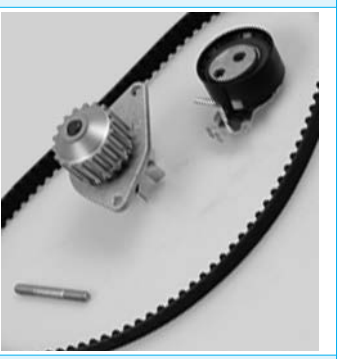


KP628-1



KP628-2

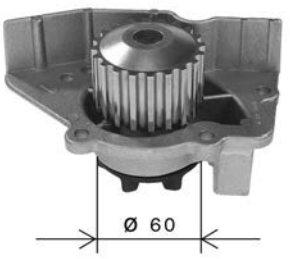
KP837-1



KP837-2

		GRAF ref.			NOTE	Adaptable for OES
1.1 (40 kW) Eng.HDZ(TU1M)	10/89-12/97	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.1 4WD (40 kW) Eng.H1A	91-92	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
1.1 Kat (40 kW) Eng.HAZ(TU1CP)	88-89	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
	9/88-12/89	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.3 Sport (70 kW) Eng.M4A	87-88	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
	4/87-12/88	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.4 (44 kW) Eng.KAY(TU3CP)	86-88	**PA628**		•	Vett -5278	1201.E3,1207.23,9451001263,9617376980
	86-88	**PA491**		•	Vett 5278-	1201.58/ .E4/ .E6,1207.25,9608564280
	12/86-12/88	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.4 (49 kW) Eng.K1F	88-89	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
	6/88-12/89	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.4 (55 kW) Eng.K2A/D	91-93	**PA628**		•	Vett -5278	1201.E3,1207.23,9451001263,9617376980
	93-97	**PA491**		•	Vett 5278-	1201.58/ .E4/ .E6,1207.25,9608564280
1.4 (55 kW) Eng.KDX(TU3M-Z)	87-93	**PA628**		•	Vett -5278	1201.E3,1207.23,9451001263,9617376980
	93-97	**PA491**		•	Vett 5278-	1201.58/ .E4/ .E6,1207.25,9608564280
	-1/93	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
	2/93-	**KP491-1**		•	Belt:101x17, PA491	0831.28,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.4 (62 kW) Eng.K2A/B	88-92	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
	1/88-12/92	**KP628-1**		•	Belt:108x17, PA628, Ch -5277	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.4 4WD (55 kW) Eng.KDY(TU3M)	91-93	**PA628**		•	Vett -5278	1201.E3,1207.23,9451001263,9617376980
	93-96	**PA491**		•	Vett 5278-	1201.58/ .E4/ .E6,1207.25,9608564280
	-1/93	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
	2/93-	**KP491-1**		•	Belt:101x17, PA491	0831.28,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.4 D (37 kW) Eng.K9Y(TUD3Y)	91-97	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
1.4 D (38 kW) Eng.K9A(TUD3)	88-92	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
1.4 GTi (66 kW) Eng.KFY(TU3FJ2)	91-93	**PA628**		•	Vett -5278	1201.E3,1207.23,9451001263,9617376980
	93-96	**PA491**		•	Vett 5278-	1201.58/ .E4/ .E6,1207.25,9608564280
	8/91-12/96	**KP491-1**		•	Belt:101x17, PA491	0831.28,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.4 GTi (69-74 kW) Eng.KFZ(TU3FJ2)	91-93	**PA628**		•	Vett -5278	1201.E3,1207.23,9451001263,9617376980
	93-96	**PA491**		•	Vett 5278-	1201.58/ .E4/ .E6,1207.25,9608564280
	8/91-12/96	**KP491-1**		•	Belt:101x17, PA491	0831.28,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.5 D (40-43 kW) Eng.VJY/VJZ(TUD5)	94-97	**PA491**		•		1201.58/ .E4/ .E6,1207.25,9608564280
						Berlingo I (MF) '7/96-'5/08
1.1, i (41-44 kW) Eng.HDZ/HFX(TU1M/K/MZ/JP)	96-	**PA628**		•	Eng -3666765	1201.E3,1207.23,9451001263,9617376980
	96-	**PA837**		•	Eng 3666766-	1201.G0,1609417080
	1/96-5/08	**KP837-2**		•	Belt:100x17, PA837, Eng 5762434-	0831.84/ .85/ .S1,1201.G0/ 1609417080
	1/96-5/08	**KP628-2**		•	Belt:104x17, PA628, Eng -5764233	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.4 Bivalent (48 kW) Eng.KFW(TU3JP)	02-	**PA628**		•	Eng -3666765	1201.E3,1207.23,9451001263,9617376980
	02-	**PA837**		•	Eng 3666766-	1201.G0,1609417080
1.4 i, Bivalent (55 kW) Eng.KFX(TU3JP)	96-	**PA628**		•	Eng -3666765	1201.E3,1207.23,9451001263,9617376980
	96-	**PA837**		•	Eng 3666766-	1201.G0,1609417080
	7/96-5/08	**KP837-1**		•	Belt:104x17, PA837, Eng 3666766-	0831.86/ .87,1201.G0/ 1609417080

PA147



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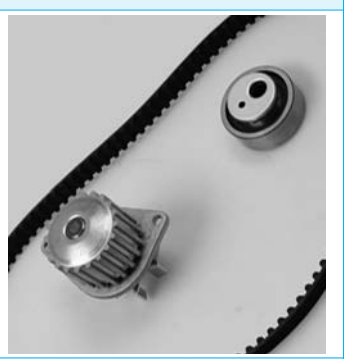
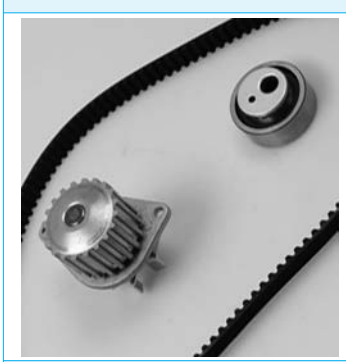
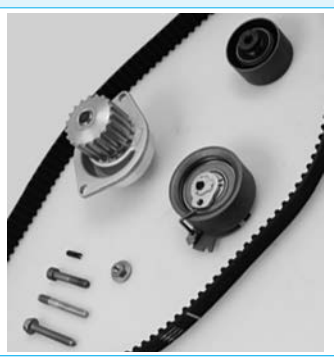


KP628-1

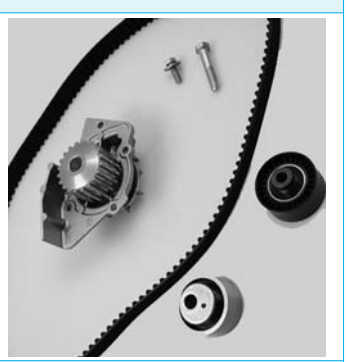


KP628-2

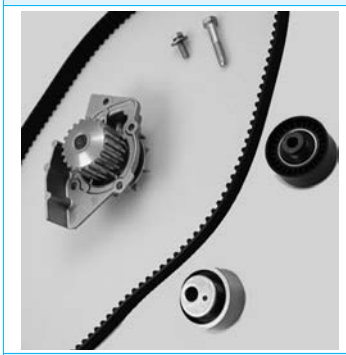


KP683-1

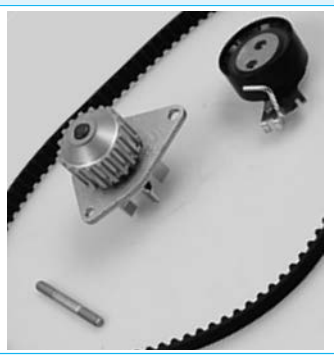
KP747-1



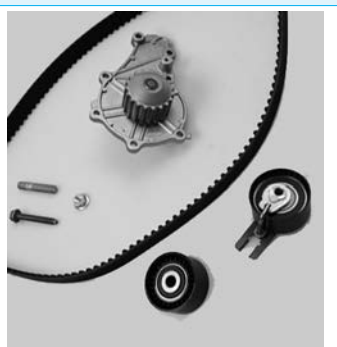
KP747-2



KP747-3



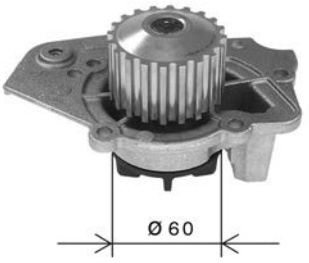
KP837-1



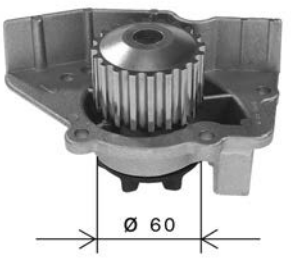
KP938-1

		GRAF ref.			NOTE	Adaptable for OES
1.4 i, Bivalent (55 kW) Eng.KFX(TU3JP)	7/96-5/08	**KP628-1**		•	Belt:108x17, PA628, Eng -3666765	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.6 16v (80 kW) Eng.NFU(TU5JP4)	00-	**PA683**		•		1201.A2/ .E5,1609417280
	10/00-5/08	**KP683-1**		•	Belt:134x25, PA683, Eng -1806404	0831.L6/ .L7/ .V1,1201.A2/ .E5/ .H4
1.6 HDi (55 kW) Eng.9HW(DV6ETED/DV6B)	05-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	7/05-5/08	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi (66 kW) Eng.9HX(DV6ATED4)	05-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	7/05-5/08	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi (80 kW) Eng.9HZ(DV6TED4)	8/05-5/08	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.8 D (43 kW) Eng.A9A(XUD7)	98-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.8i (66 kW) Eng.LFX(XU7JB)	97-	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.9 D (50 kW) Eng.D9B/DJY(XUD9A/L)	96-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.9 D, 4WD (51 kW) Eng.WJY(DW8B)/WJZ(DW8)	98-	**PA747**		•		1201.C4,1609402380
	7/98-5/08	**KP747-3**		•	Belt:140x25,4, PA747	0831.58/ .59/.N2/ .N3/ .R7 1201.C4/ 1609402380
2.0 HDi, 4WD (66 kW) Eng.RHY(DW10TD)	99-	**PA747**		•		1201.C4,1609402380
	12/99-5/08	**KP747-2**		•	Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N5/ .V3 1201.C4/ 1609402380
	12/99-5/08	**KP747-1**		•	Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8 1201.C4/ 1609402380
Berlingo II '6/08-						
1.4 (55 kW) Eng.KFW(TU3JP)	09-	**PA837**		•		1201.G0,1609417080
	09-	**KP837-1**		•	Belt:104x17, PA837	0831.86/ .87,1201.G0/ 1609417080
1.6 16v (66 kW) Eng.NFR(TU5JP)	08-	**PA683**		•		1201.A2/ .E5,1609417280
1.6 16v (72 kW) Eng.5FK(EP6CB)	10-	**PA994**				1201.H8,9801573380
1.6 16v (80 kW) Eng.NFU(TU5JP4)	08-	**PA683**		•		1201.A2/ .E5,1609417280
1.6 16v (88 kW) Eng.5FS(EP6C)	09-	**PA994**				1201.H8,9801573380
1.6 HDi (55 kW) Eng.9HN/9HW(DV6ETED)/9HT(DV6BTED4)	08-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	6/08-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi (66-68 kW) Eng.9HP/HX(DV6DTED/TED4)	08-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	6/08-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi (81 kW) Eng.9HZ(DV6TED4)/9HR(DV6C)	08-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	6/08-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi (84 kW) Eng.9HR(DV6C)	10-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
Bx (XB) '10/82-'12/94						
1.1 (40 kW) Eng.HDZ(TU1M)	88-92	**PA147**			Vett -4192	1201.69,79 01 120 258
	88-92	**PA628**		•	Vett 4193-	1201.E3,1207.23,9451001263,9617376980
	10/88-6/92	**KP628-2**		•	Belt:104x17, PA628, Ch 4193-	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.1 (42 kW) Eng.A-XY6C	86-92	**PA147**			Vett -4192	1201.69,79 01 120 258
	86-92	**PA628**		•	Vett 4193-	1201.E3,1207.23,9451001263,9617376980
	-1/92	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.4 E (45 kW) Eng.150A	82-86	**PA147**			Vett -4192	1201.69,79 01 120 258
	87-88	**PA628**		•	Vett 4193-5439	1201.E3,1207.23,9451001263,9617376980
	88-	**PA491**		•	Vett 5440-	1201.58/ .E4/ .E6,1207.25,9608564280
1.4 E (49 kW) Eng.150F	85-86	**PA147**			Vett -4192	1201.69,79 01 120 258
	87-91	**PA628**		•	Vett 4193-5439	1201.E3,1207.23,9451001263,9617376980
	92-93	**PA491**		•	Vett 5440-	1201.58/ .E4/ .E6,1207.25,9608564280
	1/92-	**KP491-1**		•	Belt:101x17, PA491	0831.28,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
	-12/91	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.4 E, Break (52-53-59 kW) Eng.150C	83-86	**PA147**			Vett -4192	1201.69,79 01 120 258
	87-91	**PA628**		•	Vett 4193-5439	1201.E3,1207.23,9451001263,9617376980
	92-93	**PA491**		•	Vett 5440-	1201.58/ .E4/ .E6,1207.25,9608564280

PA147



PA256



PA348

PA393

n° 20 Denti/Teeth

PA491

PA628

PA859

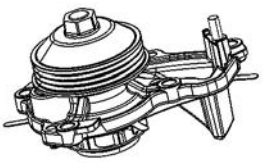
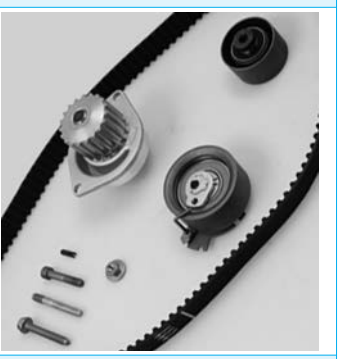
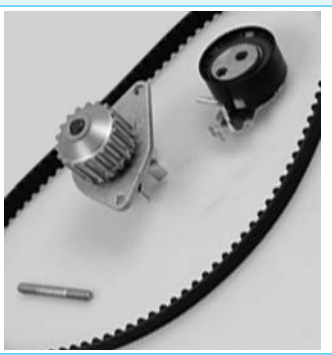
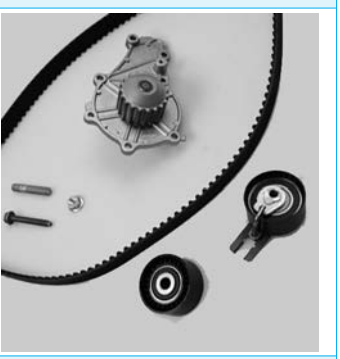
PA1020

KP491-1

KP628-1

KP859-1

		GRAF ref.			NOTE	Adaptable for OES
1.4 E, Break (52-53-59 kW) Eng.150C	1/92-	**KP491-1**		•	Belt:101x17, PA491	0831.28,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
	-12/91	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.4, Break (47 kW) Eng.K1H(TU3A)	1/89-12/89	**PA147**			Vett -4192	1201.69,79 01 120 258
	1/89-12/89	**PA628**		•	Vett 4193-5439	1201.E3,1207.23,9451001263,9617376980
	1/89-12/89	**PA491**		•	Vett 5440-	1201.58/ .E4/ .E6,1207.25,9608564280
	1/89-12/89	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.4, Break (55 kW) Eng.KDY(TU3M)/KDZ(TU3M-Z)	89-91	**PA628**		•	Vett 4193-5439	1201.E3,1207.23,9451001263,9617376980
	92-93	**PA491**		•	Vett 5440-	1201.58/ .E4/ .E6,1207.25,9608564280
	1/89-2/93	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.6 (58 kW) Eng.B1A(XU51C-K)	87-93	**PA348**		•	Vett 5410-	1201.50/ .61,95625017,95655208,95656567
1.6 (68 kW) Eng.XU52C	82-92	**PA348**		•	Vett 5410-	1201.50/ .61,95625017,95655208,95656567
1.6 E, Break (65 kW) Eng.BDY(XU5M)/BDZ	89-93	**PA348**		•	Vett 5410-	1201.50/ .61,95625017,95655208,95656567
1.6, Break (53-59 kW) Eng.B1E(XU51C)	87-94	**PA348**		•	Vett 5410-	1201.50/ .61,95625017,95655208,95656567
1.6, Break (55 kW) Eng.BAY/BAZ(XU5CP)	-8/91	**PA256**		•		1201.63,91511136,9401201390,95641148 95655207,95656566
	8/91-	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.6, Break (64 kW) Eng.171D	85-94	**PA256**		•	Vett -5409	1201.63,91511136,9401201390,95641148 95655207,95656566
1.6, Break (66 kW) Eng.171A/B/C	82-94	**PA256**		•	Vett -5409	1201.63,91511136,9401201390,95641148 95655207,95656566
1.6, Break (76 kW) Eng.180Z	86-94	**PA256**		•	Vett -5409	1201.63,91511136,9401201390,95641148 95655207,95656566
1.8 D (44 kW) Eng.161A(XUD7)	85-86	**PA256**		•	Vett -3583	1201.63,91511136,9401201390,95641148 95655207,95656566
	86-93	**PA393**		•	Vett 3584-	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
1.8 TR D T., Break (66 kW) Eng.AJZ(XUD7TE)/A8A(XUD7TE)	88-94	**PA393**		•		1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
1.9 D, Break (47 kW) Eng.D9A(XUD9)/162(XUD9)	83-86	**PA256**		•	Vett -3583	1201.63,91511136,9401201390,95641148 95655207,95656566
	86-87	**PA393**		•	Vett 3584-	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
1.9 D, Break (51 kW) Eng.D9B(XUD9A-U)	87-94	**PA393**		•		1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
1.9 E, 4WD, Break (80 kW) Eng.D2F/DDZ(XU9M)	88-94	**PA348**		•	Vett 5410-	1201.50/ .61,95625017,95655208,95656567
1.9 GTi (90 kW) Eng.D6A(XU9J2)	86-91	**PA256**		•	Vett -5409	1201.63,91511136,9401201390,95641148 95655207,95656566
	92-93	**PA348**		•	Vett 5410-	1201.50/ .61,95625017,95655208,95656567
1.9 GTi 16v (108 kW) Eng.DFW(XU9J4)	88-91	**PA256**		•	Vett -5409	1201.63,91511136,9401201390,95641148 95655207,95656566
	91-93	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.9 GTi 16v (116 kW) Eng.D6C(XU9J4)	87-88	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.9 GTi, 4WD, Break (88 kW) Eng.DKZ(XU9JA)	-8/91	**PA256**		•		1201.63,91511136,9401201390,95641148 95655207,95656566
	8/91-	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.9, Break (75-77 kW) Eng.D2A(XU92C)	-8/91	**PA256**		•		1201.63,91511136,9401201390,95641148 95655207,95656566
	8/91-	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
C1 (PM, PN) '6/05-						
1.0 (50 kW) Eng.1KR-FE	05-	**PA1020**				1201.H0/ .J0/ .K6/ .L3
1.4 HDi (40 kW) Eng.DV4D	6/05-	**PA859**		•		1201.F9/ .G8,1609417380
	6/05-	**KP859-1**		•	Belt:144x25, PA859	0831.80/ .81,1201.F9/ .G8/ 1609417380

PA683	**PA837**	**PA859**	**PA938**
			
PA941	**PA994**	**PA1239**	**KP683-1**
			
KP837-1	**KP837-2**	**KP859-1**	**KP938-1**

		GRAF ref.			NOTE	Adaptable for OES
C2 (JM) '9/03-						
1.1 (44 kW) Eng.HFX(TU1JP)	03-	**PA837**		•		1201.G0,1609417080
	9/03-	**KP837-2**		•	Belt:100x17, PA837	0831.84/ .85/ .S1,1201.G0/ 1609417080
1.4 (54 kW) Eng.KFV(TU3JP)	03-	**PA837**		•		1201.G0,1609417080
	9/03-	**KP837-1**		•	Belt:104x17, PA837	0831.86/ .87,1201.G0/ 1609417080
1.4 16v (65 kW) Eng.KFU(ET3J4)	06-	**PA941**		•		1201.G2,1609417180
1.4 HDi (50 kW) Eng.8HX(DV4TD)	9/03-	**PA859**		•		1201.F9/ .G8,1609417380
	9/03-	**KP859-1**		•	Belt:144x25, PA859	0831.80/ .81,1201.F9/ .G8/ 1609417380
1.6 16v (80 kW) Eng.NFU(TU5JP4)	9/03-	**PA683**		•		1201.A2/ .E5,1609417280
1.6 HDi (80 kW) Eng.9HZ(DV6TED4)	05-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 VTS (90 kW) Eng.NFS(TU5JP4S)	05-	**PA683**		•		1201.A2/ .E5,1609417280
C3 I (FC), Pluriel '2/02-'10/09						
1.1 (44 kW) Eng.HFX(TU1JP)	02-	**PA837**		•		1201.G0,1609417080
	2/02-10/09	**KP837-2**		•	Belt:100x17, PA837	0831.84/ .85/ .S1,1201.G0/ 1609417080
1.4 (54 kW) Eng.KFV(TU3JP)	02-	**PA837**		•		1201.G0,1609417080
	2/02-10/09	**KP837-1**		•	Belt:104x17, PA837	0831.86/ .87,1201.G0/ 1609417080
1.4 16v (65 kW) Eng.KFU(ET3J4)	03-	**PA941**		•		1201.G2,1609417180
1.4 HDi (50 kW) Eng.8HX(DV4TD)	02-	**PA859**		•		1201.F9/ .G8,1609417380
	2/02-10/09	**KP859-1**		•	Belt:144x25, PA859	0831.80/ .81,1201.F9/ .G8/ 1609417380
1.4 HDi (66 kW) Eng.8HY(DV4TED4)	02-	**PA859**		•		1201.F9/ .G8,1609417380
1.6 16v (80 kW) Eng.NFU(TU5JP4)	02-	**PA683**		•		1201.A2/ .E5,1609417280
	2/02-10/09	**KP683-1**		•	Belt:134x25, PA683, Eng -1806404	0831.L6/ .L7/ .V1,1201.A2/ .E5/ .H4
1.6 HDi (66 kW) Eng.9HX(DV6ATED4)	05-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	10/05-10/09	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi 16v (80 kW) Eng.9HZ(DV6TED4)	05-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	9/05-10/09	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
C3 II '11/09-						
1.0 VTi (50 kW)	13-	**PA1239**				9803442480
1.1 (44 kW) Eng.HFX(TU1JP)	09-	**PA837**		•		1201.G0,1609417080
	11/09-	**KP837-2**		•	Belt:100x17, PA837	0831.84/ .85/ .S1,1201.G0/ 1609417080
1.2 VTi (60 kW)	12-	**PA1239**				9803442480
1.4 (54 kW) Eng.KFT(TU3A)	09-	**PA837**		•		1201.G0,1609417080
1.4 HDi (50 kW) Eng.8HR/8HZ(DV4C/TD)	09-	**PA859**		•		1201.F9/ .G8,1609417380
1.4 VTi (70 kW) Eng.8FP(EP3/C)	09-	**PA994**				1201.H8,9801573380
1.6 e-HDi (84 kW)	12-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi 16v (66-68 kW)	09-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
Eng.9HX/9HP(DV6ATED4/DV6DTED)	11/09-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi 16v (82 kW) Eng.9HR(DV6C)	10-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	1/10-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 VTi (88 kW) Eng.5FS(EP6C)	09-	**PA994**				1201.H8,9801573380
C3 Picasso '2/09-						
1.4 (70 kW) Eng.8FP/8FS(EP3)	09-	**PA994**				1201.H8,9801573380
1.4 Vti 95 LPG (70 kW) Eng.8FP(EP3)	12-	**PA994**				1201.H8,9801573380
1.6 (88 kW) Eng.5FS/5FW(EP6/C)	09-	**PA994**				1201.H8,9801573380
1.6 HDi (66 kW) Eng.9HX(DV6ATED4)	09-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi (68 kW) Eng.9HP(DV6DTED)	10-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi (80-82 kW) Eng.9HZ(DV6TED4)/9HR(DV6C)	09-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi (84 kW) Eng.9HL(DV6C)	12-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
C4 Grand Picasso I (UA) '10/06-						
1.6 16v (110 kW) Eng.5FX(EP6DT)	08-	**PA994**				1201.H8,9801573380
1.6 16v HDi (80 kW) Eng.9HY/9HZ(DV6TED4)	06-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	10/06-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 e-HDi (82 kW) Eng.9HR(DV6C)	10-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 THP (103 kW) Eng.5FT(EP6DT)	08-	**PA994**				1201.H8,9801573380

PA683

PA861

PA862

PA863

PA938

PA941

PA986

PA994

PA1044

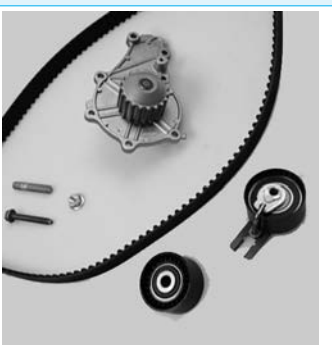
PA1045

PA1110

PA1135

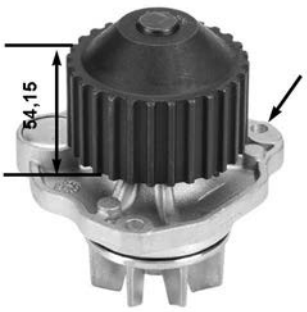
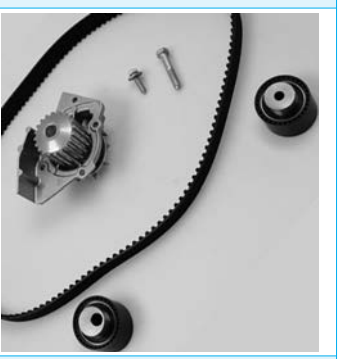
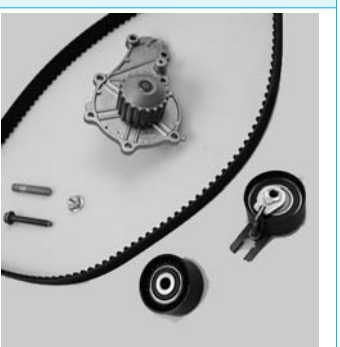
PA1171

KP861-2

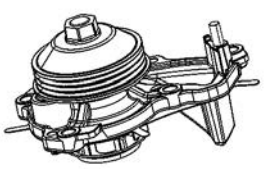


KP938-1

		GRAF ref.			NOTE	Adaptable for OES
1.6 THP (115 kW) Eng.5FV(EP6CDT)	10-	**PA994**				1201.H8,9801573380
1.6 VTi (88 kW) Eng.5FW(EP6)	08-	**PA994**				1201.H8,9801573380
1.8 16v (92 kW) Eng.6FY-EW7A	06-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	06-	**PA863**	•	•	Only plastic BH Version	1201.E7/ .F5/ .G5/ .J2
	06-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 16v (103 kW) Eng.RFJ(EW10A)	06-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	06-	**PA863**	•	•	Only plastic BH Version	1201.E7/ .F5/ .G5/ .J2
	06-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi (110-120 kW) Eng.DW10CTED4	09-	**PA1110**		•		1201.K2
2.0 HDi 16v (100 kW) Eng.RHR/RHJ(DW10BTED4)	06-	**PA861**		•		1201.E8,1609402180
	06-	**KP861-2**		•	Belt:116x25, PA861	0831.K0,1201.E8/ 1609402180
C4 Grand Picasso II '10/13-						
1.6 e-HDi (68 kW) Eng.9HP(DV6DTED)	13-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 THP (115 kW) Eng.5FV(EP6CDT)	13-	**PA994**				1201.H8,9801573380
1.6 VTi (88 kW) Eng.5FS(EP6C)	13-	**PA994**				1201.H8,9801573380
C4 I, Coupe (LC, LA) '11/04-'10/10						
1.4 16v (65 kW) Eng.KFU(ET3J4)	04-	**PA941**		•		1201.G2,1609417180
1.6 16v (110 kW) Eng.5FX(EP6DT)	9/08-	**PA994**				1201.H8,9801573380
1.6 16v (80 kW) Eng.NFU(TU5JP4)	04-	**PA683**		•		1201.A2/ .E5,1609417280
1.6 16v HDi (80 kW) Eng.9HY/9HZ(DV6TED4)	04-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	11/04-10/10	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi (66 kW) Eng.9HX(DV6ATED4)	04-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	11/04-10/10	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 THP (103 kW) Eng.5FT(EP6DT)	08-	**PA994**				1201.H8,9801573380
1.6 VTi (88 kW) Eng.5FW(EP6)	9/08-	**PA994**				1201.H8,9801573380
2.0 16v (100 kW) Eng.RFN(EW10J4)	04-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	04-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	04-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 16v (103 kW) Eng.RFJ(EW10A)	04-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	04-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	04-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 16v (130 kW) Eng.RFK(EW10J4S)	04-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	04-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi (103 kW) Eng.RHF(DW10BTED4)	08-	**PA861**		•		1201.E8,1609402180
2.0 HDi 16v (100 kW) Eng.RHR(DW10BTED4)	04-	**PA861**		•		1201.E8,1609402180
	04-	**KP861-2**		•	Belt:116x25, PA861	0831.K0,1201.E8/ 1609402180
C4 II (B71) '11/10-						
1.4 VTi (70 kW) Eng.8FP(EP3)	10-	**PA994**				1201.H8,9801573380
1.6 HDi (68 kW) Eng.9HJ/9HP(DV6DTED/M)	10-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi (82-84 kW) Eng.9HR(DV6C)	10-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 THP (115 kW) Eng.5FV(EP6CDT)	10-	**PA994**				1201.H8,9801573380
1.6 Vti (88 kW) Eng.5FS(EP6C)	10-	**PA994**				1201.H8,9801573380
1.6 VTi LPG (88 kW) Eng.5FS(EP6C)	11-	**PA994**				1201.H8,9801573380
2.0 HDi (110 kW) Eng.DW10CTED4	10-	**PA1110**		•		1201.K2
C4 II Aircross '8/10-						
1.6 (86 kW) Eng.4A92	12-	**PA986**				1607854280
1.6 HDi, 4WD (84 kW) Eng.DV6C	12-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.8 HDi, 4WD (110 kW) Eng.4N13	12-	**PA1171**	•			1607852880
2.0, AWC (110 kW) Eng.4B11	12-	**PA1135**				1201.K4
C4 Picasso I (UD) '11/06-						
1.6 HDi 16v (80 kW) Eng.9HY/9HZ(DV6TED4)	06-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	11/06-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 THP (103-115 kW) Eng.5FT/5FV(EP6DT)	08-	**PA994**				1201.H8,9801573380
1.6 Vti (88 kW) Eng.5FW(EP6)	08-	**PA994**				1201.H8,9801573380
1.8 16v (92 kW) Eng.6FY-EW7A	06-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	06-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	06-	**PA863**	•	•	Only plastic BH Version	1201.E7/ .F5/ .G5/ .J2

PA747	**PA861**	**PA862**	**PA863**
			
PA886	**PA938**	**PA994**	**PA1044**
			
PA1045	**PA1049**	**PA1110**	**KP747-1**
			
KP747-2	**KP747-4**	**KP861-2**	**KP938-1**

		GRAF ref.			NOTE	Adaptable for OES
1.8 16v (92 kW) Eng.6FY-EW7A	06-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 16v (103 kW) Eng.RFJ(EW10A)	06-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	06-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	06-	**PA863**	•	•	Only plastic BH Version	1201.E7/ .F5/ .G5/ .J2
	06-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi (120 kW) Eng.RHH(DW10CTED4)	10-	**PA1110**		•		1201.K2
2.0 HDi 16v (100 kW) Eng.RHR/RHJ(DW10BTED4)	06-	**PA861**		•		1201.E8,1609402180
	06-	**KP861-2**		•	Belt:116x25, PA861	0831.K0,1201.E8/ 1609402180
C4 Picasso II '2/13-						
1.6 e-HDi (68-84 kW) Eng.9HP(DV6DTED)	13-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 THP (115 kW) Eng.5FV(EP6CDT)	13-	**PA994**				1201.H8,9801573380
1.6 VTi (88 kW) Eng.5FS(EP6C)	13-	**PA994**				1201.H8,9801573380
2.0 BlueHDi (110 kW)	13-	**PA1049**		•		1201.H7/ .J6
C5 I, Break (DC, DE) '3/01-'9/04						
1.8 16v (85 kW) Eng.6FZ(EW7J4)	01-04	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
2.0 16v (100 kW) Eng.RFN(EW10J4)	01-04	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	01-04	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	01-04	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 16v HPi (103 kW) Eng.RLZ(EW10D)	01-04	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	01-04	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	01-04	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi (66 kW) Eng.RHY(DW10TD)	01-04	**PA747**		•		1201.C4,1609402380
	3/01-9/04	**KP747-2**		•	Belt:141x25, PA747	0831.78/ .79/ .N5/ .V3 1201.C4/ 1609402380
2.0 HDi (80 kW) Eng.RHS/RHZ(DW10ATED)	01-04	**PA747**		•		1201.C4,1609402380
	3/01-9/04	**KP747-4**		•	Eng.RHS, Belt:144x25,4,4, PA747	0831.73/ .74/ .S2,1201.C4/ 1609402380
	3/01-9/04	**KP747-2**		•	Eng.RHZ, Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N5/ .V3 1201.C4/ 1609402380
	3/01-9/04	**KP747-1**		•	Eng.RHZ, Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8/ 1201.C4/ 1609402380/ 1201.C4/ 1609402380
2.2 HDi (98 kW) Eng.4HX(DW12ATED4/FAP)	01-04	**PA861**		•		1201.E8,1609402180
3.0 V6 (152 kW) Eng.XFX(ES9J4S)	01-04	**PA886**		•		1201.F6
C5 II, Break (RC, RE) '9/04-'3/08						
1.6 16v HDi (80 kW) Eng.9HY(DV6TED4)	04-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	9/04-3/08	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.8 16v (85 kW) Eng.6FZ(EW7J4)	04-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	04-08	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	04-08	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
1.8 16v (92 kW) Eng.6FY-EW7A	05-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	05-08	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	05-08	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 16v (103 kW) Eng.RFJ(EW10A)	04-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	04-08	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	04-08	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi 16v (100 kW) Eng.RHR(DW10BTED4)	9/04-	**PA861**		•		1201.E8,1609402180
	06-	**KP861-2**		•	Belt:116x25, PA861	0831.K0,1201.E8/ 1609402180
2.2 16v HDi Biturbo (125 kW) Eng.4HT(DW12BTED4)	9/06-08	**PA1049**		•		1201.H7/ .J6
2.2 HDi (98 kW) Eng.4HX(DW12ATED4/FAP)	04-	**PA861**		•		1201.E8,1609402180
3.0 V6 (152 kW) Eng.XFX(ES9J4S)/XFV(ES9A)	04-	**PA886**		•		1201.F6
C5 III, Break (RD, TD) '4/08-						
1.6 HDi (80-82 kW) Eng.9HZ(DV6TED4)/9HR(DV6C)	08-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	4/08-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 THP (110-115 kW) Eng.5FN/5FV(EP6DT)	09-	**PA994**				1201.H8,9801573380
1.6 VTi (88 kW) Eng.5FS(EP6C)	10-	**PA994**				1201.H8,9801573380
1.8 16v (92 kW) Eng.6FY-EW7A	05-08	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	05-08	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
	08-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
2.0 16v (103 kW) Eng.RFJ(EW10A)	05-08	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	05-08	**PA1045**		•	+BH Aluminium	1201.K1/ .L2

PA240	**PA315**	**PA747**	**PA861**
PA862	**PA863**	**PA886**	**PA938**
PA1044	**PA1045**	**PA1049**	**PA1067**
PA1082	**PA1110**	**PA1135**	**PA1158**
			
PA1239	**KP747-4**	**KP861-2**	

		GRAF ref.			NOTE	Adaptable for OES
2.0 HDi (100-103 kW) Eng.RHR/RHF(DW10BTED4)	08-	**PA861**		•		1201.E8,1609402180
2.0 HDi (120 kW) Eng.RHH(DW10CTED4)	10-	**PA1110**		•		1201.K2
2.2 HDi (150 kW) Eng.4HL(DW12C)	10-	**PA1049**		•		1201.H7/ .J6
2.2 HDi Bi-Turbo (125 kW) Eng.4HT(DW12BTED4)	08-	**PA1049**		•		1201.H7/ .J6
2.7 HDi V6 (150 kW) Eng.DT17ED4/UHZ(DT17BTED4)	08-	**PA1067**				1201.G6
3.0 V6 24v (152 kW) Eng.XFV(ES9A)	08-	**PA886**		•		1201.F6
3.0 V6 HDi (177 kW) Eng.DT20C	09-	**PA1158**				1201.K5
C6 (TD) '9/05-						
2.2 16v HDi Biturbo (125 kW) Eng.4HT(DW12BTED4)	12/06-	**PA1049**		•		1201.H7/ .J6
2.2 HDi (120 kW)	06-	**PA1049**		•		1201.H7/ .J6
2.7 HDi (150 kW) Eng.DT17ED4/UHZ(DT17BTED4)	05-	**PA1067**				1201.G6
3.0 V6 (155 kW) Eng.XFV(ES9A)/XFX(ES9J4S)	9/05-	**PA886**		•		1201.F6
3.0 V6 HDi (177 kW) Eng.DT20C	09-	**PA1158**				1201.K5
C8 (EA, EB) '7/02-						
2.0 16v (100 kW) Eng.RFN(EW10J4)	02-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	02-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	02-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 16v (103 kW) Eng.RFJ(EW10A)	05-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	05-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi (120 kW) Eng.RHE/RHH(DW10CTED4)	06-	**PA1110**		•		1201.K2
2.0 HDi (79 kW) Eng.RHM/RHT/RHW(DW10ATED4)	02-	**PA747**		•		1201.C4,1609402380
	7/02-	**KP747-4**		•	Belt:144x25,4, PA747	0831.73/ .74/ .S2,1201.C4/ 1609402380
2.0 HDi (88 kW) Eng.RHK(DW10UTED4)	06-	**PA861**		•		1201.E8,1609402180
2.0 HDi 16v (100 kW) Eng.RHR(DW10BTED4)	06-	**PA861**		•		1201.E8,1609402180
	06-	**KP861-2**		•	Belt:116x25, PA861	0831.K0,1201.E8/ 1609402180
2.2 (116 kW) Eng.3FZ(EW12J4)	02-	**PA863**	•	•	Only plastic BH Version	1201.E7/ .F5/ .G5/ .J2
	02-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	02-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.2 HDi (120-125 kW) Eng.4HT(DW12BTED4)	08-	**PA1049**		•		1201.H7/ .J6
2.2 HDi (94 kW) Eng.4HW(DW12TED4)	02-	**PA861**		•		1201.E8,1609402180
3.0 V6 (150 kW) Eng.XFX(ES9J4S)	02-	**PA886**		•		1201.F6
C-Crosser (EP) '8/07-						
2.0, 4WD (108 kW) Eng.4B11	10-	**PA1135**				1201.K4
2.2 HDi (115 kW) Eng.4HN(DW12MTED4)	8/07-	**PA1049**		•		1201.H7/ .J6
2.4 (125 kW) Eng.SFZ(4B12-MMC)	08-	**PA1082**	•		Ch -11527	1201.J9
	08-	**PA1135**			Ch 11528-	1201.K4
C-Elysee '11/12-						
1.2 VTi (53 kW)	12-	**PA1239**				9803442480
1.6 HDi (68 kW)	12-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
CX I , Break (MA) '9/74-'8/85						
2.4 (85-88 kW) Eng.M23-623/ 689	76-82	**PA240**				75530147
	76-82	**PA315**			+Air	1201.36/ .37,75530147,95548541
2.4 GTi (Exc. Break) (94-96 kW) Eng.M23-622	77-82	**PA240**				75530147
	77-82	**PA315**			+Air	1201.36/ .37,75530147,95548541
2.5 D T. (70 kW) Eng.CRD93LS(U25-673/M25-648)	83-85	**PA240**				75530147
	83-85	**PA315**			+Air	1201.36/ .37,75530147,95548541
2.5 GTi T. 2 (Exc. Break) (122 kW) Eng.M25-662	84-85	**PA240**				75530147
	84-85	**PA315**			+Air	1201.36/ .37,75530147,95548541
2.5 TRi (100 kW) Eng.M25-659	83-85	**PA240**				75530147
	83-85	**PA315**			+Air	1201.36/ .37,75530147,95548541
CX II, Break '7/85-'12/92						
2.5 D (54 kW) Eng.M25-660	85-92	**PA240**				75530147
	85-92	**PA315**			+Air	1201.36/ .37,75530147,95548541
2.5 D T. (70 kW) Eng.CRD93LS(U25-673/M25-648)	85-86	**PA240**				75530147
	85-86	**PA315**			+Air	1201.36/ .37,75530147,95548541
2.5 D T. (88 kW) Eng.M25-669	87-92	**PA240**				75530147

PA079

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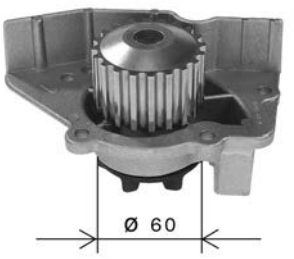
PA315



PA348

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PA641

PA747

PA859

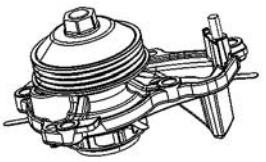
PA862

PA911

PA938

PA994

PA1110



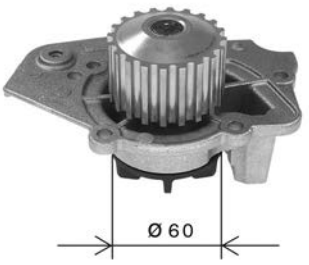
PA1239

KP747-1

		GRAF ref.			NOTE	Adaptable for OES
2.5 GTi T. 2 (122 kW) Eng.M25-662	85-92	**PA240**				75530147
	85-92	**PA315**			+Air	1201.36/ .37,75530147,95548541
2.5 TRi (100 kW) Eng.M25-659	85-92	**PA240**				75530147
	85-92	**PA315**			+Air	1201.36/ .37,75530147,95548541
DS '5/59-'8/75						
1.9 (59 kW)	59-66	**PA079**				2N23101,5403199Z,5429707,75522434
2.0 (62 kW) Eng.B20700	66-72	**PA079**				2N23101,5403199Z,5429707,75522434
2.0 (66 kW) Eng.DY3	68-72	**PA079**				2N23101,5403199Z,5429707,75522434
2.0, Break (72 kW) Eng.B20704/B20744	68-75	**PA079**				2N23101,5403199Z,5429707,75522434
2.1 (88 kW) Eng.B22627	69-75	**PA079**				2N23101,5403199Z,5429707,75522434
2.1 Break (78 kW) Eng.DX2	72-75	**PA079**				2N23101,5403199Z,5429707,75522434
2.1 Cabrio (78 kW) Eng.DX2	69-71	**PA079**				2N23101,5403199Z,5429707,75522434
2.1, Cabrio (76 kW) Eng.B22644	65-72	**PA079**				2N23101,5403199Z,5429707,75522434
2.3 (93 kW)	72-75	**PA079**				2N23101,5403199Z,5429707,75522434
2.3, Break (81 kW)	72-75	**PA079**				2N23101,5403199Z,5429707,75522434
DS Cabrio '8/56-'12/65						
1.9 (61 kW)	56-75	**PA079**				2N23101,5403199Z,5429707,75522434
DS3 '11/09-						
1.2 VTI, Cabrio (60 kW)	12-	**PA1239**				9803442480
1.4 16v (70-72 kW) Eng.8FP(EP3)	10-	**PA994**				1201.H8,9801573380
1.4 HDi (50 kW) Eng.8HR(DV4C)	10-	**PA859**		•		1201.F9/ .G8,1609417380
1.6 16v, Cabrio (115 kW) Eng.5FR(EP6DT)	10-	**PA994**				1201.H8,9801573380
1.6 16v, Cabrio (88 kW) Eng.5FS(EP6C)	4/10-	**PA994**				1201.H8,9801573380
1.6 HDi (82 kW) Eng.9HR(DV6C)	09-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 Hdi, Cabrio (68 kW) Eng.9HP(DV6DTED)	09-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 T THP Racing (149 kW) Eng.5FU(EP6CDTX)	10-	**PA994**				1201.H8,9801573380
1.6 THP 150 (110 kW) Eng.5FX(EP6DT)	10-	**PA994**				1201.H8,9801573380
DS4 '4/11-						
1.6 e-HDi (81-82 kW) Eng.9HR(DV6C)	11-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 e-HDi (84 kW) Eng.9HL(DV6C)	12-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi (68 kW) Eng.9HP(DV6DTED)	11-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 T THP (115 kW) Eng.5FV(EP6CDT)	11-	**PA994**				1201.H8,9801573380
1.6 THP (120 kW) Eng.5FM(EP6DT)	12-	**PA994**				1201.H8,9801573380
1.6 THP (147 kW) Eng.5FU(EP6DTX)	11-	**PA994**				1201.H8,9801573380
1.6 VTi (88 kW) Eng.5FS(EP6C)	11-	**PA994**				1201.H8,9801573380
2.0 HDi (100 kW) Eng.RH0(DW10CB)	12-	**PA1110**		•		1201.K2
2.0 HDi (120 kW) Eng.RHH(DW10CTED4)	11-	**PA1110**		•		1201.K2
DS5 '11/11-						
1.6 HDi (82 kW) Eng.9HR(DV6C)	11-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi (84 kW)	12-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 THP (115 kW) Eng.5FV(EP6CDT)	11-	**PA994**				1201.H8,9801573380
1.6 THP (147 kW) Eng.5FU(EP6DTX)	11-	**PA994**				1201.H8,9801573380
2.0 HDi (100 kW) Eng.RH0(DW10CB)	11-	**PA1110**		•		1201.K2
2.0 HDi (120 kW) Eng.RHH(DW10CTED4)	11-	**PA1110**		•		1201.K2
2.0 HDi Hybrid 4WD (120 kW) Eng.RHH(DW10CTED4)	11-	**PA1110**		•		1201.K2
Evasion (22,U6) '6/94-'7/02						
1.8i (74 kW) Eng.LFZ(XU7JP)	97-02	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.9 TD (66 kW) Eng.DHX/D8B(XUD9TF/BTF)	94-02	**PA911**		•		1201.A8
1.9 TD (68 kW) Eng.D8B(XUD9TF)	97-02	**PA911**		•		1201.A8
2.0 (89 kW) Eng.RFU(XU10J2C)	94-02	**PA391**		•		1201.52/.65/.67/.91/.A4,95650955/ 95666768
2.0 16v (100 kW) Eng.RFN(EW10J4)	00-02	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
2.0 HDi (80 kW) Eng.RHW/RHZ(DW10ATED)	98-02	**PA747**		•		1201.C4,1609402380
	8/99-7/02	**KP747-1**		•	Belt:141x25,4 , PA747	0831.40/ .41/ .62/ .82/ .83/ .R8 1201.C4/ 1609402380
2.0 i 16v (97 kW) Eng.RFV(XU10J4R)	98-00	**PA641**		•		1201.93/ .A1
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	94-02	**PA391**		•		1201.52/.65/.67/.91/.A4,95650955/ 95666768

PA079

PA147



PA256

PA393

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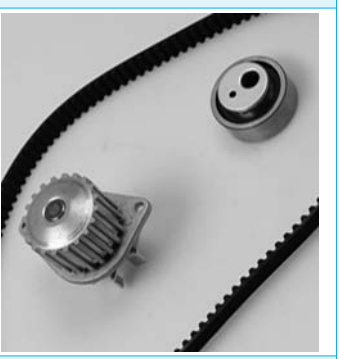
PA628

PA683

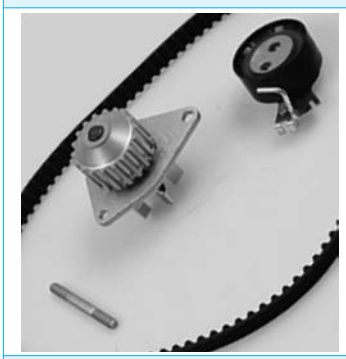
PA837

KP491-1

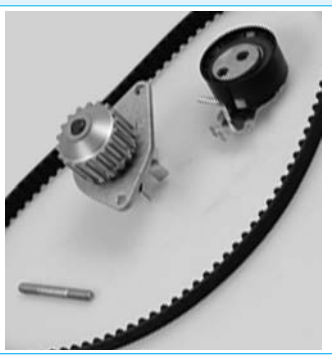
KP628-1



KP628-2

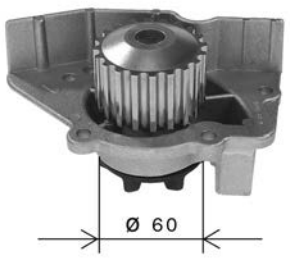


KP837-1



KP837-2

		GRAF ref.			NOTE	Adaptable for OES
2.1 TD 12v (80 kW) Eng.P8C(XUD11BTE)	96-02	**PA542**	•	•		1201.54/ .55/ .A7/ .C5/ .C6,1336.L5 96047088
						ID '8/56-'8/75
1.9 B (57 kW)	64-75	**PA079**				2N23101,5403199Z,5429707,75522434
1.9 Cabrio (52 kW)	56-75	**PA079**				2N23101,5403199Z,5429707,75522434
1.9 F (59 kW)	65-72	**PA079**				2N23101,5403199Z,5429707,75522434
1.9 P (51 kW)	59-64	**PA079**				2N23101,5403199Z,5429707,75522434
1.9 P (54 kW)	64-69	**PA079**				2N23101,5403199Z,5429707,75522434
2.0 B (66 kW)	71-75	**PA079**				2N23101,5403199Z,5429707,75522434
2.0 F Super, Break (62 kW) Eng.B20700	66-72	**PA079**				2N23101,5403199Z,5429707,75522434
2.0, Break (66 kW)	69-75	**PA079**				2N23101,5403199Z,5429707,75522434
2.0, Break (72 kW) Eng.B20744	71-75	**PA079**				2N23101,5403199Z,5429707,75522434
2.1 F, Break (74-76 kW) Eng.B22604/B22644	66-72	**PA079**				2N23101,5403199Z,5429707,75522434
						LNA '11/76-'10/86
1.1 (37 kW) Eng.109-5E	82-85	**PA147**				1201.69,79 01 120 258
						Saxo (S0,S1) '5/96-
0.95 (33-37 kW) Eng.CDY/CDZ(TU9M)	96-	**PA628**		•	Eng -3666765	1201.E3,1207.23,9451001263,9617376980
	96-	**PA837**		•	Eng 3666766-	1201.G0,1609417080
	5/96-	**KP837-2**		•	Belt:100x17, PA837, Eng 3666766-	0831.84/ .85/ .S1,1201.G0/ 1609417080
	5/96-	**KP628-2**		•	Belt:104x17, PA628, Eng -3666765	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.1 (40 kW) Eng.HDZ(TU1M)	96-	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
	5/96-	**KP837-2**		•	Belt:100x17, PA837, Eng 3762434-	0831.84/ .85/ .S1,1201.G0/ 1609417080
	5/96-	**KP628-2**		•	Belt:104x17, PA628, Eng -3762433	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.1 (44 kW) Eng.HDZ(TU1M)/HFX(TU1JP)	96-	**PA837**		•	Eng 3762434-	1201.G0,1609417080
	96-	**PA628**		•	Eng -3762433	1201.E3,1207.23,9451001263,9617376980
	5/96-	**KP837-2**		•	Belt:100x17, PA837, Eng 3762434-	0831.84/ .85/ .S1,1201.G0/ 1609417080
	5/96-	**KP628-2**		•	Belt:104x17, PA628, Eng -3762433	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.4 VTS (55 kW) Eng.KFX/KFW(TU3JP)	96-	**PA628**		•	Eng -3666765	1201.E3,1207.23,9451001263,9617376980
	96-	**PA837**		•	Eng 3666766-	1201.G0,1609417080
	5/96-	**KP837-1**		•	Belt:104x17, PA837, Eng 3666766-	0831.86/ .87,1201.G0/ 1609417080
	5/96-	**KP628-1**		•	Belt:108x17, PA628, Eng -3666765	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.5 D (40-42-43 kW) Eng.VJY/VJZ(TUD5)	96-	**PA491**		•		1201.58/ .E4/ .E6,1207.25,9608564280
1.6 VTL,VTR (65 kW) Eng.NFZ(TU5JP)	96-	**PA491**		•		1201.58/ .E4/ .E6,1207.25,9608564280
	5/96-	**KP491-1**		•	Belt:101x17, PA491	0831.28,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.6 VTS (74 kW) Eng.NFT(TU5JP)	00-	**PA491**		•		1201.58/ .E4/ .E6,1207.25,9608564280
	9/00-	**KP491-1**		•	Belt:101x17, PA491	0831.28,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.6 VTS (87 kW) Eng.NFX(TU5JP4)	96-	**PA683**		•		1201.A2/ .E5,1609417280
						Visa '9/78-'3/91
1.1 E (35 kW) Eng.109K	78-88	**PA147**				1201.69,79 01 120 258
1.1 E (42 kW) Eng.109-5	78-91	**PA147**				1201.69,79 01 120 258
1.1 E, Cabriolet (37 kW) Eng.109-5F	82-91	**PA147**				1201.69,79 01 120 258
1.2 II Super X (47 kW) Eng.129-5	80-82	**PA147**				1201.69,79 01 120 258
1.4 (44 kW) Eng.150D(XY7)	84-91	**PA147**				1201.69,79 01 120 258
1.6 GTI (76 kW) Eng.180A(XU5J)	84-86	**PA256**		•	Vett -3583	1201.63,91511136,9401201390,95641148 95655207,95656566
	85-86	**PA393**		•	Vett 3584-	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
1.8 D (44 kW) Eng.161A(XUD7)	84-91	**PA256**		•	Vett -3583	1201.63,91511136,9401201390,95641148 95655207,95656566



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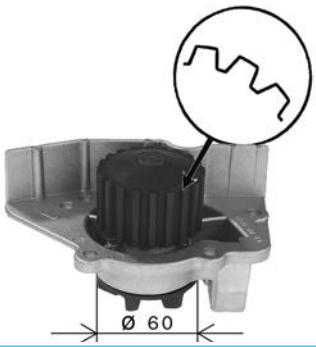


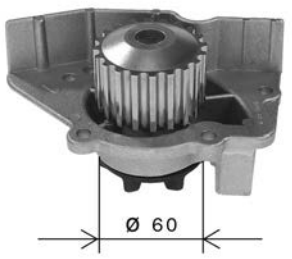
PA642

PA653

PA911

PA960

		GRAF ref.			NOTE	Adaptable for OES
1.8 D (44 kW) Eng.161A(XUD7)	84-91	**PA393**		•	Vett 3584-	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
Xantia I (X1) '3/93-'1/98						
1.6 i (65 kW) Eng.BFZ(XU5JP)	93-98	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.8i (66 kW) Eng.LFX(XU7JB)	97-98	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.8i (74 kW) Eng.LFZ(XU7JP)	93-98	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.8i 16v (81 kW) Eng.LFY(XU7JP4)	95-98	**PA642**		•		1201.98
1.9 D (50 kW) Eng.DJZ(XUD9Y)	94-98	**PA393**		•	Vett -6264	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
	94-98	**PA391**		•	Vett 6265-	1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.9 D (51 kW) Eng.D9B(XUD9A-L)	94-98	**PA393**		•	Vett -6264	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
	94-98	**PA391**		•	Vett 6265-	1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.9 SD (55 kW) Eng.DHW(XUD9SD)	2/96-1/98	**PA393**		•	Vett -6264	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
	2/96-1/98	**PA391**		•	Vett 6265-	1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.9 TD (66 kW) Eng.DHX(XUD9TF-BTF)/DHY(XUD9TE-Y)	94-98	**PA393**		•	Vett -6264	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
	94-98	**PA911**		•	Vett 6265-	1201.A8
2.0 i 16v (110-112 kW) Eng.RFT/RFY(XU10J4Z)	93-98	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.0 i 16v (97 kW) Eng.RFV(XU10J4R)	95-98	**PA641**		•		1201.93/ .A1
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	95-98	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.0i (89 kW) Eng.RFX(XU10J2C)	93-98	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.1 TD 12v (80 kW) Eng.P8C(XUD11BTE)	95-98	**PA542**	•	•		1201.54/ .55/ .A7/ .C5/ .C6,1336.L5 96047088
3.0 V6 (140 kW) Eng.XFZ(ES9J4)	97-98	**PA653**		•	Ch -08441	1201.A6/ .C7
	97-98	**PA960**		•	Ch 08442-	1201.F2
Xantia I (X1) Break '3/93-'1/98						
1.8i (66 kW) Eng.LFX(XU7JB)	97-98	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.8i (74 kW) Eng.LFZ(XU7JP)	93-98	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.8i 16v (81 kW) Eng.LFY(XU7JP4)	95-98	**PA642**		•		1201.98
1.9 SD (55 kW) Eng.DHW(XUD9SD)	96-98	**PA393**		•	Vett -6264	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
	96-98	**PA391**		•	Vett 6265-	1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.9 TD (66 kW) Eng.DHX(XUD9TF-BTF)/DHY(XUD9TE-Y)	94-98	**PA393**		•	Vett -6264	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
	94-98	**PA911**		•	Vett 6265-	1201.A8
2.0 i 16v (97 kW) Eng.RFV(XU10J4R)	95-98	**PA641**		•		1201.93/ .A1
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	95-98	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.0i (89 kW) Eng.RFX(XU10J2C)	93-98	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.1 TD 12v (80 kW) Eng.P8C(XUD11BTE)	95-98	**PA542**	•	•		1201.54/ .55/ .A7/ .C5/ .C6,1336.L5 96047088
Xantia II (X2) '1/98-						
1.8i (66 kW) Eng.LFX(XU7JB)	98-	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.8i 16v (81 kW) Eng.LFY(XU7JP4)	98-	**PA642**		•		1201.98
1.9 SD (55 kW) Eng.DHW(XUD9SD)	98-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768



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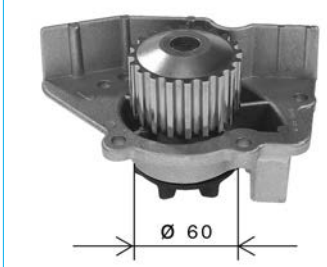
		GRAF ref.			NOTE	Adaptable for OES
1.9 TD (66 kW) Eng.DHX(XUD9TF-BTF)/DHY(XUD9TE-Y)	98-	**PA911**		•		1201.A8
2.0 HDi (66 kW) Eng.RHY(DW10TD)	99-	**PA747**		•		1201.C4,1609402380
	3/99-	**KP747-1**		•	Belt:141x25,4 , PA747	0831.40/ .41/ .62/ .82/ .83/ .R8 1201.C4/ 1609402380/ 1201.C4/ 1609402380
2.0 HDi (80 kW) Eng.RHS/RHZ(DW10ATED)	99-	**PA747**		•		1201.C4,1609402380
	2/99-	**KP747-1**		•	Belt:141x25,4 , PA747	0831.40/ .41/ .62/ .82/ .83/ .R8 1201.C4/ 1609402380
2.0 i 16v (97 kW) Eng.RFV(XU10J4R)	98-	**PA641**		•		1201.93/ .A1
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	98-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.0i (89 kW) Eng.RFX(XU10J2C)	98-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.1 TD 12v (80 kW) Eng.P8C(XUD11BTE)	98-99	**PA542**	•	•		1201.54/ .55/ .A7/ .C5/ .C6,1336.L5 96047088
3.0 V6 (140 kW) Eng.XFZ(ES9J4)	98-	**PA653**		•	Ch -08441	1201.A6/ .C7
	98-	**PA960**		•	Ch 08442-	1201.F2
Xantia II (X2) Break '1/98-						
1.8i (66 kW) Eng.LFX(XU7JB)	98-	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.8i 16v (81 kW) Eng.LFY(XU7JP4)	98-	**PA642**		•		1201.98
1.9 SD (55 kW) Eng.DHW(XUD9SD)	98-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.9 TD (66 kW) Eng.DHX(XUD9TF-BTF)/DHY(XUD9TE-Y)	98-	**PA911**		•		1201.A8
2.0 HDi (66 kW) Eng.RHY(DW10TD)	99-	**PA747**		•		1201.C4,1609402380
	3/99-	**KP747-1**		•	Belt:141x25,4 , PA747	0831.40/ .41/ .62/ .82/ .83/ .R8 1201.C4/ 1609402380
2.0 HDi (80 kW) Eng.RHS/RHZ(DW10ATED)	99-	**PA747**		•		1201.C4,1609402380
	2/99-	**KP747-1**		•	Belt:141x25,4 , PA747	0831.40/ .41/ .62/ .82/ .83/ .R8 1201.C4/ 1609402380
2.0 i 16v (97 kW) Eng.RFV(XU10J4R)	98-	**PA641**		•		1201.93/ .A1
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	98-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.0i (89 kW) Eng.RFX(XU10J2C)	98-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.1 TD 12v (80 kW) Eng.P8C(XUD11BTE)	98-99	**PA542**	•	•		1201.54/ .55/ .A7/ .C5/ .C6,1336.L5 96047088
3.0 V6 (140 kW) Eng.XFZ(ES9J4)	98-	**PA653**		•	Ch -08441	1201.A6/ .C7
	98-	**PA960**		•	Ch 08442-	1201.F2
XM I (Y3) '5/89-'6/94						
2.0 (84 kW) Eng.XU102C/J2/J2Z	89-94	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.0i (79 kW) Eng.RDZ(XU10MZ)	89-94	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.0i (89 kW) Eng.RFZ(XU10J2)	89-94	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.1 D 12v (60 kW) Eng.P9A(XUD11A)	89-94	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.1 TD 12v (80 kW) Eng.P8A/PHZ/PJZ(XUD11ATE/BTE)	89-94	**PA542**	•	•		1201.54/ .55/ .A7/ .C5/ .C6,1336.L5 96047088
XM I (Y3) Break '5/89-'6/94						
2.0i (79 kW) Eng.RDZ(XU10MZ)	89-94	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.0i (89 kW) Eng.RFZ(XU10J2)	89-94	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.1 D 12v (60 kW) Eng.P9A(XUD11A)	89-94	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.1 TD 12v (80 kW) Eng.P8A/PHZ/PJZ(XUD11ATE/BTE)	89-94	**PA542**	•	•		1201.54/ .55/ .A7/ .C5/ .C6,1336.L5 96047088



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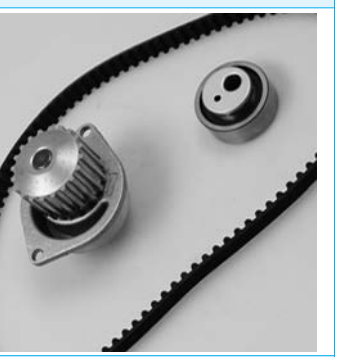

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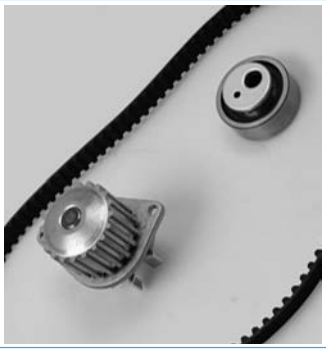

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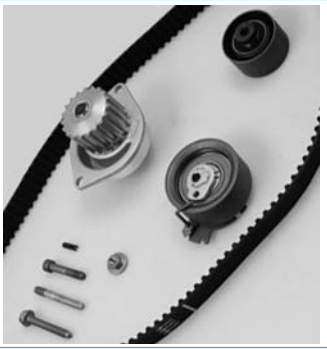

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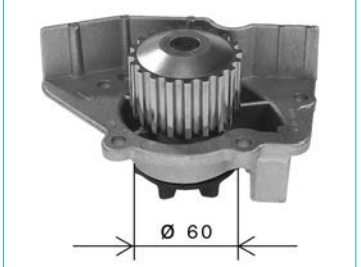
		GRAF ref.			NOTE	Adaptable for OES
XM II (Y4) '5/94-'10/00						
2.0 i 16v (97 kW) Eng.RFV(XU10J4R)	94-00	**PA641**		•		1201.93/ .A1
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	94-00	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.1 TD 12v (80 kW) Eng.P8C/PHZ/PJZ(XUD11ATE/BTE)	94-00	**PA542**	•	•		1201.54/ .55/ .A7/ .C5/ .C6,1336.L5 96047088
2.5 TD (95 kW) Eng.THY(DK5ATE)	94-00	**PA643**	•			1201.70/ .A3
3.0 V6 (140 kW) Eng.XFZ(ES9J4)	97-00	**PA653**		•	Ch -08441	1201.A6/ .C7
	97-00	**PA960**		•	Ch 08442-	1201.F2
XM II (Y4) Break '5/94-'10/00						
2.0 i 16v (97 kW) Eng.RFV(XU10J4R)	94-00	**PA641**		•		1201.93/ .A1
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	94-00	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.1 D 12v (60 kW) Eng.P9A(XUD11A)	94-96	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.1 TD 12v (80 kW) Eng.P8C/PHZ/PJZ(XUD11ATE/BTE)	94-00	**PA542**	•	•		1201.54/ .55/ .A7/ .C5/ .C6,1336.L5 96047088
2.5 TD (95 kW) Eng.THY(DK5ATE)	94-00	**PA643**	•			1201.70/ .A3
3.0 V6 (140 kW) Eng.XFZ(ES9J4)	97-00	**PA653**		•	Ch -08441	1201.A6/ .C7
	97-00	**PA960**		•	Ch 08442-	1201.F2
Xsara (N1/0), Coupe '4/97-						
1.4 HDi (50 kW) Eng.8HX(DV4TD)	03-	**PA859**		•		1201.F9/ .G8,1609417380
	1/03-	**KP859-1**		•	Belt:144x25, PA859	0831.80/ .81,1201.F9/ .G8/ 1609417380
1.4 i (55 kW) Eng.KFX/KFW(TU3JP)	97-	**PA628**		•	Eng -3666765	1201.E3,1207.23,9451001263,9617376980
	97-	**PA837**		•	Eng 3666766-	1201.G0,1609417080
	4/97-	**KP837-1**		•	Belt:104x17, PA837, Eng 3666766-/ Ch 5762434-	0831.86/ .87,1201.G0/ 1609417080
	4/97-	**KP628-1**		•	Belt:108x17, PA628, Eng -3666765/ Ch -5762433	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.5 D (42 kW) Eng.VJZ(TUD5)	97-00	**PA491**		•		1201.58/ .E4/ .E6,1207.25,9608564280
1.6 16v (80 kW) Eng.NFU(TU5JP4)	9/00-	**PA683**		•		1201.A2/ .E5,1609417280
	9/00-	**KP683-1**		•	Belt:134x25, PA683, Eng -1806404	0831.L6/ .L7/ .V1,1201.A2/ .E5/ .H4
1.6 i (65 kW) Eng.NFZ(TU5JP)	97-00	**PA491**		•		1201.58/ .E4/ .E6,1207.25,9608564280
	4/97-9/00	**KP491-1**		•	Belt:101x17, PA491	0831.28,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.8 D (43 kW) Eng.A9A(XUD7)	97-00	**PA911**		•		1201.A8
1.8 i Aut. (74 kW) Eng.LFZ(XU7JP)	97-00	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.8i (66 kW) Eng.LFX(XU7JB)	97-00	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.8i 16v (81 kW) Eng.LFY(XU7JP4)	97-00	**PA642**		•		1201.98
1.9 D (50 kW) Eng.DJY(XUD9A)	97-00	**PA911**		•		1201.A8
1.9 D (51 kW) Eng.WJY(DW8B)/WJZ(DW8)	98-	**PA747**		•		1201.C4,1609402380



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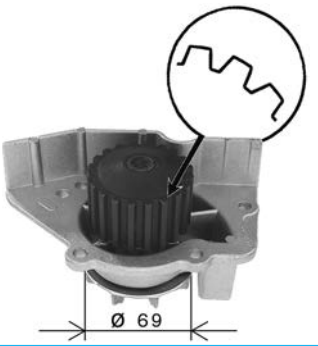

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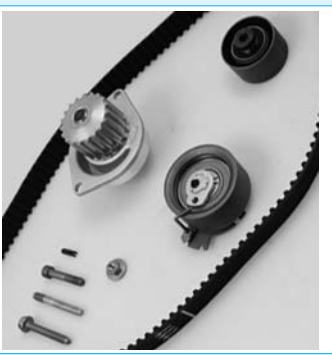

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KP747-2

KP747-3

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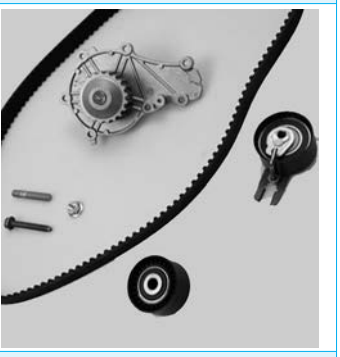

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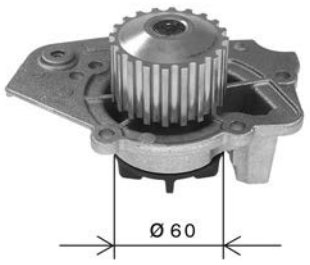
		GRAF ref.			NOTE	Adaptable for OES
1.9 D (51 kW) Eng.WJY(DW8B)/WJZ(DW8)	7/98-	**KP747-3**		•	Eng.DW8B, Belt:140x25,4, PA747	0831.58/ .59/.N2/ .N3/ .R7 1201.C4/ 1609402380
1.9 SD (55 kW) Eng.DHV(XUD9BSD)	98-00	**PA911**		•		1201.A8
1.9 TD (66 kW) Eng.DHY(XUD9TE-Y)	97-00	**PA911**		•		1201.A8
2.0 16v (100 kW) Eng.RFN(EW10J4)	00-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	00-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	00-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi (66 kW) Eng.RHY(DW10TD)	99-	**PA747**		•		1201.C4,1609402380
	2/99-	**KP747-2**		•	Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N5/ .V3 1201.C4/ 1609402380
	2/99-	**KP747-1**		•	Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8 1201.C4/ 1609402380
2.0 HDi (80 kW) Eng.RHS/RHZ(DW10ATED)	5/01-	**PA747**		•		1201.C4,1609402380
	5/01-	**KP747-2**		•	Belt:141x25, PA747	0831.78/ .79/ .N5/ .V3 1201.C4/ 1609402380
2.0 i 16v (120 kW) Eng.RFS(XU10J4RS)	97-00	**PA641**		•		1201.93/ .A1
2.0 i 16v (97 kW) Eng.RFV(XU10J4R)	98-00	**PA641**		•		1201.93/ .A1
Xsara (N2) Break '4/97-						
1.4 HDi (50 kW) Eng.8HX(DV4TD)	1/03-	**PA859**		•		1201.F9/ .G8,1609417380
	1/03-	**KP859-1**		•	Belt:144x25, PA859	0831.80/ .81,1201.F9/ .G8/ 1609417380
1.4 i (55 kW) Eng.KFX/KFW(TU3JP)	97-	**PA628**		•	Eng -3666765	1201.E3,1207.23,9451001263,9617376980
	97-	**PA837**		•	Eng 3666766-	1201.G0,1609417080
	4/97-	**KP837-1**		•	Belt:104x17, PA837, Ch 3666766-	0831.86/ .87,1201.G0/ 1609417080
	4/97-	**KP628-1**		•	Belt:108x17, PA628, Ch -3666765	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.5 D (42 kW) Eng.VJZ(TUD5)	97-00	**PA491**		•		1201.58/ .E4/ .E6,1207.25,9608564280
1.6 16v (80 kW) Eng.NFU(TU5JP4)	9/00-	**PA683**		•		1201.A2/ .E5,1609417280
	9/00-	**KP683-1**		•	Belt:134x25, PA683, Eng -1806404	0831.L6/ .L7/ .V1,1201.A2/ .E5/ .H4
1.6 i (65 kW) Eng.NFZ(TU5JP)	97-00	**PA491**		•		1201.58/ .E4/ .E6,1207.25,9608564280
	4/97-9/00	**KP491-1**		•	Belt:101x17, PA491	0831.28,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.8 D (43 kW) Eng.A9A(XUD7)	97-00	**PA911**		•		1201.A8
1.8 i Aut. (74 kW) Eng.LFZ(XU7JP)	97-00	**PA348**		•		1201.50/ .61,95625017,95655208,95656567



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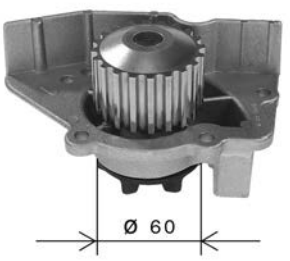

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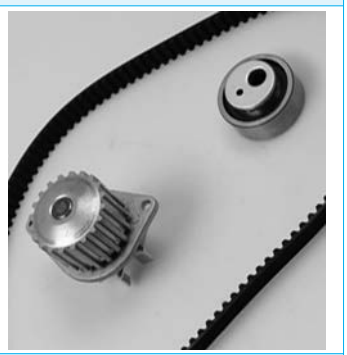
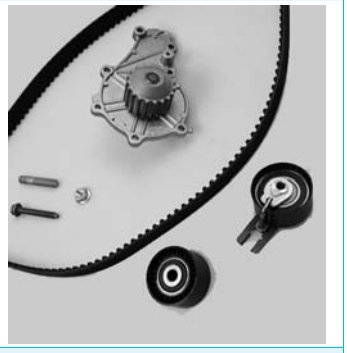


KP628-2

KP747-1

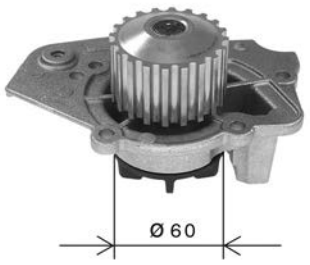
KP747-2

KP747-3

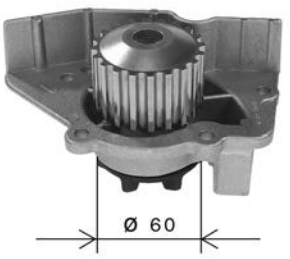


KP938-1

		GRAF ref.			NOTE	Adaptable for OES
1.8i (66 kW) Eng.LFX(XU7JB)	97-00	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.8i 16v (81 kW) Eng.LFY(XU7JP4)	97-00	**PA642**		•		1201.98
1.9 D (50 kW) Eng.DJY(XUD9A)	97-00	**PA911**		•		1201.A8
1.9 D (51 kW) Eng.WJY(DW8B)/WJZ(DW8)	98-	**PA747**		•		1201.C4,1609402380
	7/98-	**KP747-3**		•	Belt:140x25,4, PA747	0831.58/ .59/.N2/ .N3/ .R7 1201.C4/ 1609402380
1.9 SD (55 kW) Eng.DHV(XUD9BSD)	98-00	**PA911**		•		1201.A8
1.9 TD (66 kW) Eng.DHY(XUD9TE-Y)	97-00	**PA911**		•		1201.A8
2.0 16v (100 kW) Eng.RFN(EW10J4)	00-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	00-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
	9/00-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
2.0 HDi (66 kW) Eng.RHY(DW10TD)	99-	**PA747**		•		1201.C4,1609402380
	2/99-	**KP747-2**		•	Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N5/ .V3 1201.C4/ 1609402380
	2/99-	**KP747-1**		•	Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8 1201.C4/ 1609402380
2.0 HDi (80 kW) Eng.RHS/RHZ(DW10ATED)	5/01-	**PA747**		•		1201.C4,1609402380
	5/01-	**KP747-2**		•	Belt:141x25, PA747	0831.78/ .79/ .N5/ .V3 1201.C4/ 1609402380
2.0 i 16v (97 kW) Eng.RFV(XU10J4R)	98-9/00	**PA641**		•		1201.93/ .A1
Xsara Picasso (N68) '2/00-						
1.6 (65-70 kW) Eng.NFZ/NFV(TU5JP)	00-	**PA491**		•		1201.58/ .E4/ .E6,1207.25,9608564280
	6/00-	**KP491-1**		•	Belt:101x17, PA491	0831.28,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.6 16v (80 kW) Eng.NFU(TU5JP4)	05-	**PA683**		•		1201.A2/ .E5,1609417280
1.6 HDi (66 kW) Eng.DV6ATED4	05-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	9/05-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi 16v (80 kW) Eng.9HY(DV6TED4)	04-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	5/04-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.8i 16v (81-85 kW) Eng.LFY(XU7JP4)/6FZ(EW7J4)	00-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	00-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
	2/00-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
2.0 16v (100 kW) Eng.RFN(EW10J4)	03-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	03-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	03-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi (66 kW) Eng.RHY(DW10TD)	00-	**PA747**		•		1201.C4,1609402380
	6/00-	**KP747-2**		•	Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N5/ .V3 1201.C4/ 1609402380
	6/00-	**KP747-1**		•	Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8 1201.C4/ 1609402380
ZX (N2) '3/91-'6/97						
1.1 (40 kW) Eng.TU1M/K/MZ	91-93	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
1.1 (44 kW) Eng.HDZ(TU1M)	91-97	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
	3/91-6/97	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.4 i (55 kW) Eng.KDX/KDZ(TU3M-Z)	91-97	**PA491**		•		1201.58/ .E4/ .E6,1207.25,9608564280
	3/91-6/97	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.4ie (55 kW) Eng.KFX(TU3JP)	91-97	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
	3/91-6/97	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.6 i (65-66 kW) Eng.BDY(XU5M)/BFZ(XU5JP)	91-97	**PA256**		•	Vett -5409	1201.63,91511136,9401201390,95641148 95655207,95656566



PA256



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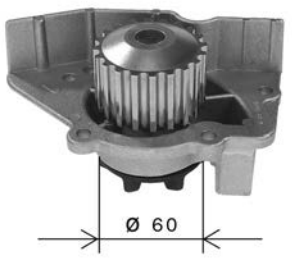
KP628-1

		GRAF ref.			NOTE	Adaptable for OES
1.6 i (65-66 kW) Eng.BDY(XU5M)/BFZ(XU5JP)	91-97	**PA348**		•	Vett 5410-	1201.50/ .61,95625017,95655208,95656567
1.8 D (44 kW) Eng.161A(XUD7)	93-97	**PA393**		•		1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
1.8i (74 kW) Eng.LFZ(XU7JP)	92-97	**PA256**		•	Vett -5409	1201.63,91511136,9401201390,95641148 95655207,95656566
	92-97	**PA348**		•	Vett 5410-	1201.50/ .61,95625017,95655208,95656567
1.8i 16v (81 kW) Eng.LFY(XU7JP4)	96-97	**PA642**		•		1201.98
1.9 D (47 kW) Eng.DJZ(XUD9Y)	91-93	**PA393**		•	Vett -6170	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
	93-97	**PA391**		•	Vett 6171-	1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.9 D (51 kW) Eng.D9B(XUD9A-U)	94-97	**PA393**		•	Vett -6170	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
	94-97	**PA391**		•	Vett 6171-	1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.9 DT (68 kW) Eng.XUD9TE	92-	**PA393**		•	Vett -6170	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
	-94	**PA391**		•	Vett 6171-	1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.9 i (88 kW) Eng.DKZ(XU9JA)	91-97	**PA256**		•	Vett -5409	1201.63,91511136,9401201390,95641148 95655207,95656566
	91-97	**PA348**		•	Vett 5410-	1201.50/ .61,95625017,95655208,95656567
1.9 TD (66 kW) Eng.DHY(XUD9TE-Y)	91-93	**PA393**		•	Vett -6170	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
	93-97	**PA391**		•	Vett 6171-	1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.0 i 16v (110 kW) Eng.RFT(XU10J4Z)	94-97	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.0 i 16v (112 kW) Eng.RFY(XU10J4Z)	92-94	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.0 i 16v (120-122 kW) Eng.RFS(XU10J4RS)	96-97	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.0i (89 kW) Eng.RFX(XU10J2C)	92-97	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
						ZX (N2) Break '3/91-'6/97
1.4 i (55 kW) Eng.KDX/KDZ(TU3M-Z)	91-97	**PA491**		•		1201.58/ .E4/ .E6,1207.25,9608564280
	3/91-6/97	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.4ie (55 kW) Eng.KFX(TU3JP)	91-97	**PA628**		•		1201.E3,1207.23,9451001263,9617376980
	3/91-6/97	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.6 i (65-66 kW) Eng.BDY(XU5M)/BFZ(XU5JP)	91-97	**PA256**		•	Vett -5409	1201.63,91511136,9401201390,95641148 95655207,95656566
	91-97	**PA348**		•	Vett 5410-	1201.50/ .61,95625017,95655208,95656567
1.8 D (44 kW) Eng.161A(XUD7)	93-97	**PA393**		•		1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
1.8i (74 kW) Eng.LFZ(XU7JP)	92-97	**PA256**		•	Vett -5409	1201.63,91511136,9401201390,95641148 95655207,95656566
	92-97	**PA348**		•	Vett 5410-	1201.50/ .61,95625017,95655208,95656567
1.8i 16v (81 kW) Eng.LFY(XU7JP4)	96-97	**PA642**		•		1201.98
1.9 D (47 kW) Eng.DJZ(XUD9Y)	91-93	**PA393**		•	Vett -6170	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
	93-2/97	**PA391**		•	Vett 6171-	1201.52/ .65/ .67/ .91/ .A4,95650955 95666768

PA147

PA197



PA348

PA391

PA393

PA628

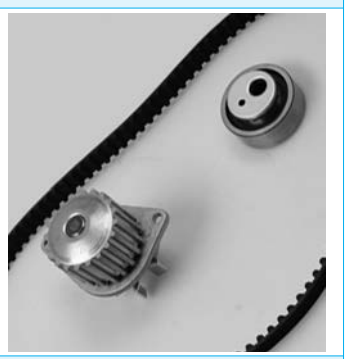
PA683

PA747

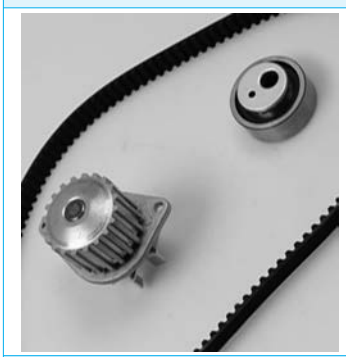
PA837

PA938

PA994



KP628-1

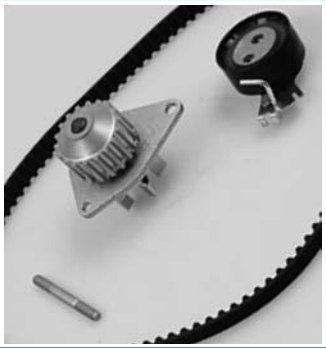


KP628-2

KP747-1

KP747-2

KP747-3



KP837-1

KP938-1

		GRAF ref.			NOTE	Adaptable for OES
1.9 D (51 kW) Eng.D9B(XUD9A-U)	94-97	**PA393**		•	Vett -6170	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
	94-97	**PA391**		•	Vett 6171-	1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.9 TD (66 kW) Eng.DHY(XUD9TE-Y)	92-93	**PA393**		•	Vett -6170	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
	93-2/97	**PA391**		•	Vett 6171-	1201.52/ .65/ .67/ .91/ .A4,95650955 95666768

CITROËN LCV

Berlingo I Van (M) '7/96-'5/08

1.1 (40 kW) Eng.HDZ(TU1M)/HFX(TU1JP)	96-	**PA628**		•	Eng -3666765	1201.E3,1207.23,9451001263,9617376980
	96-	**PA837**		•	Eng 3666766-	1201.G0,1609417080
	7/96-5/08	**KP628-2**		•	Belt:104x17, PA628, Eng -5732433	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.4 Bivalent (48 kW) Eng.KFW(TU3JP)	02-	**PA628**		•	Eng -3666765	1201.E3,1207.23,9451001263,9617376980
	02-	**PA837**		•	Eng 3666766-	1201.G0,1609417080
	11/02-5/08	**KP837-1**		•	Belt:104x17, PA837	0831.86/ .87,1201.G0/ 1609417080
1.4 i, Bivalent (55 kW) Eng.KFX/KFW(TU3JP)	96-	**PA628**		•	Eng -3666765	1201.E3,1207.23,9451001263,9617376980
	96-	**PA837**		•	Eng 3666766-	1201.G0,1609417080
	7/96-5/08	**KP837-1**		•	Belt:104x17, PA837, Eng 3666766-	0831.86/ .87,1201.G0/ 1609417080
	7/96-5/08	**KP628-1**		•	Belt:108x17, PA628, Eng -3666765	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.6 16v (80-81 kW) Eng.NFU(TU5JP4)	00-	**PA683**		•		1201.A2/ .E5,1609417280
1.6 HDi (55 kW) Eng.DV6B/9HW(DV6ETED)	05-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	7/05-5/08	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi (66 kW) Eng.9HX(DV6ATED4)	05-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	7/05-5/08	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.8 D (43 kW) Eng.A9A(XUD7)	96-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.8i (66 kW) Eng.LFX(XU7JB)	99-02	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.9 D (50 kW) Eng.DJY(XUD9A)	96-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.9 D, 4WD (51 kW) Eng.WJY/WJZ(DW8/B)	98-	**PA747**		•		1201.C4,1609402380
	7/98-5/08	**KP747-3**		•	Belt:140x25,4, PA747	0831.58/ .59/.N2/ .N3/ .R7 1201.C4/ 1609402380
2.0 HDi (66 kW) Eng.RHY(DW10TD)	99-	**PA747**		•		1201.C4,1609402380
	12/99-5/08	**KP747-2**		•	Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N5/ .V3 1201.C4/ 1609402380
	12/99-5/08	**KP747-1**		•	Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8

Berlingo II Van '6/08-

1.6 16v (66 kW) Eng.NFR(TU5JP)	08-	**PA683**		•		1201.A2/ .E5,1609417280
1.6 16v (80 kW) Eng.NFU(TU5JP4)	08-	**PA683**		•		1201.A2/ .E5,1609417280
1.6 HDi (55 kW) Eng.9HN/9HT/9HW(DV6ETED/4)	08-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	6/08-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi (66-68 kW) Eng.9HP(DV6DTED)/9HX(DV6ATED4)	08-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	6/08-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi (81 kW) Eng.9HZ(DV6TED4)/9HR(DV6C)	08-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	6/08-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi (84 kW) Eng.9HL(DV6C)	12-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 VTi (72 kW) Eng.5FK(EP6CB)	10-	**PA994**				1201.H8,9801573380
1.6 VTi (88 kW) Eng.5FS(EP6C)	09-	**PA994**				1201.H8,9801573380

C15 (VD), Van '10/84-

0.95 (33 kW) Eng.XV8-TU9	84-97	**PA147**			Vett -4195	1201.69,7901120258
	84-97	**PA628**		•	Vett 4196-	1201.E3,1207.23,9451001263,9617376980
	10/84-12/97	**KP628-2**		•	Belt:104x17, PA628, Ch 4196-	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.1 (35-37 kW) Eng.109-5F/K	84-96	**PA197**			Vett -4237	1201.45,97521368

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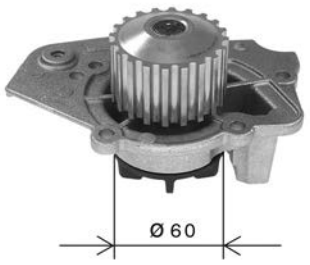

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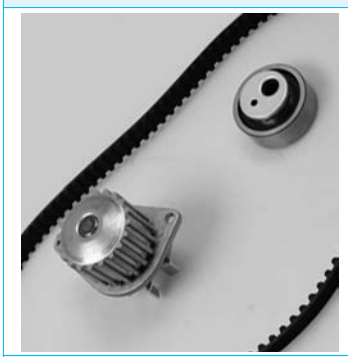
PA862

PA938



KP628-1

KP628-2

		GRAF ref.			NOTE	Adaptable for OES
1.1 (35-37 kW) Eng.109-5F/K	5/88-	**KP628-2**		•	Belt:104x17, PA628, Ch 4196-	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.1 (35 kW) Eng.E1A	84-96	**PA197**			Vett -4237	1201.45,97521368
	5/88-	**KP628-2**		•	Belt:104x17, PA628, Ch 4196-	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.1 (44 kW) Eng.HDZ(TU1M)	88-96	**PA147**			Vett -4195	1201.69,7901120258
	88-96	**PA628**		•	Vett 4196-	1201.E3,1207.23,9451001263,9617376980
	7/88-12/96	**KP628-2**		•	Belt:104x17, PA628, Ch 4196-	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23,9451001263 9617376980
1.3 (47 kW) Eng.G1A	87-88	**PA147**			Vett -4195	1201.69,7901120258
	87-88	**PA197**			Vett -4237	1201.45,97521368
1.4 (49 kW) Eng.K1H(TU3A)	87-96	**PA491**		•		1201.58/ .E4/ .E6,1207.25,9608564280
	7/87-12/96	**KP628-1**		•	Belt:108x17, PA628, Ch -4196	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.4 E (40 kW) Eng.K3A	87-96	**PA147**			Vett -4195	1201.69,7901120258
	87-96	**PA628**		•	Vett 4196-	1201.E3,1207.23,9451001263,9617376980
1.4 E (44-59 kW) Eng.150B/C/D/Y(XY7)	87-96	**PA147**			Vett -4195	1201.69,7901120258
	87-96	**PA628**		•	Vett 4196-	1201.E3,1207.23,9451001263,9617376980
	5/87-12/96	**KP628-1**		•	Belt:108x17, PA628, Ch 4196-	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.4 i (55 kW) Eng.KDY(TU3M/FM)	91-96	**PA491**		•		1201.58/ .E4/ .E6,1207.25,9608564280
	5/91-12/96	**KP628-1**		•	Belt:108x17, PA628, Ch 4196-	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23,9451001263,9617376980
1.8 D (44 kW) Eng.161A(XUD7)	86-00	**PA256**		•	Vett -3583	1201.63,91511136,9401201390,95641148 95655207,95656566
	86-00	**PA393**		•	Vett 3584-6264	1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
	86-00	**PA391**		•	Vett 6265-	1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.9 D (44 kW) Eng.WJX(DW8B)	00-	**PA747**		•		1201.C4,1609402380
C2 Van (JM) '9/03-						
1.4 HDi (50 kW) Eng.8HX(DV4TD)	9/03-	**PA859**		•		1201.F9/ .G8,1609417380
C25 (280, 290) '9/81-'2/94						
1.8 E (51 kW) Eng.169(XM7T)	87-94	**PA544**				1201.34/ .40,9401201340,9401201400
1.9 D (51 kW) Eng.D9B(XUD9A-U)	87-94	**PA393**		•		1201.48/ .51/ .60/ .62,9401201480 95641149,95643824,95655209/ 10 95656568/ 69
2.0 E, Van (58 kW) Eng.170A/B(XN1T)	81-94	**PA544**				1201.34/ .40,9401201340,9401201400
2.0, Van, Flatbed (62 kW) Eng.170C	91-94	**PA544**				1201.34/ .40,9401201340,9401201400
2.5 D, 4WD (54-55 kW) Eng.CRD93L(U25-661)	87-94	**PA240**				75530147
	87-94	**PA315**				1201.36/ .37,75530147,95548541
2.5 TD, 4WD (70 kW) Eng.CRD93LS(U25-673/M25-648)	87-94	**PA240**				75530147
	87-94	**PA315**				1201.36/ .37,75530147,95548541
C3 Van '2/03-'10/09						
1.4 (54 kW) Eng.KFV(TU3JP)	02-	**PA837**		•		1201.G0,1609417080
1.4 HDi (50 kW) Eng.8HX(DV4TD)	02-	**PA859**		•		1201.F9/ .G8,1609417380
C35 '11/73-'1/94						
2.2 D (45 kW) Eng.B22-615	73-80	**PA165**				5416786,75522430,95575455
2.5 D (51 kW) Eng.B25-637	80-82	**PA165**				5416786,75522430,95575455
C4 Van '1/04-						
1.6 16v HDi (66 kW) Eng.9HX(DV6ATED4)	04-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
C8 Van '1/02-						
2.0 HDi (100 kW) Eng.RHR(DW10BTED4)	02-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1

PA391

PA607

PA643

PA684

PA685

PA686

PA747

PA861

PA862

PA911

PA996

PA1026

PA1044

PA1049

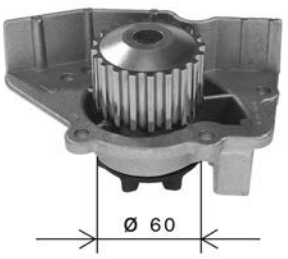
PA1135

KP747-1

KP747-3

		GRAF ref.			NOTE	Adaptable for OES
2.0 HDi (88 kW) Eng.RHK(DW10UTED4)	02-	**PA861**		•		1201.E8,1609402180
C-Crosser Van '1/09-						
2.2 HDi (115 kW) Eng.4HN(DW12MTED4)	8/07-	**PA1049**		•		1201.H7/ .J6
2.4 16v (125 kW) Eng.4B12	09-	**PA1135**			Ch 11528-	1201.K4
Dispatch '1/94-'12/00						
1.9 D, TD (66 kW) Eng.DHX(XUD9TF-BTF)	94-02	**PA911**		•		1201.A8
Jumper I (230)/ Relay '3/94-'4/02						
1.9 D (51 kW) Eng.D9B(XUD9A-U)	94-02	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.9 TD (66 kW) Eng.D8C(XUD9UTF)	94-97	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
	97-02	**PA911**		•		1201.A8
1.9 TD (66 kW) Eng.DHX(XUD9TF-BTF)	94-97	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
	97-02	**PA911**		•		1201.A8
1.9 TD (68 kW) Eng.D8C(XUD9UTF)	96-01	**PA911**		•		1201.A8
2.0 HDi (62 kW) Eng.RHV(DW10UTD)	01-02	**PA747**		•		1201.C4,1609402380
	11/01-4/02	**KP747-1**		•	Belt:141x25,4 , PA747	0831.40/ .41/ .62/ .82/ .83/ .R8
2.0i, 4WD (80 kW) Eng.RFW(XU10J2U)	94-02	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.5 D, 4WD (63 kW) Eng.T9A(DJ5)	6/96-02	**PA684**				1201.A5
	94-05/96	**PA643**	•			1201.70/ .A3
2.5 TD, 4WD (76 kW) Eng.T8A(DJ5T)	6/96-02	**PA684**				1201.A5
	94-05/96	**PA643**	•			1201.70/ .A3
2.5 TDi, 4WD (79 kW) Eng.THX(DJ5TED)	96-00	**PA684**				1201.A5
2.8 D (64 kW) Eng.8140.63(F28D)	99-02	**PA607**				1201.H5/ .C9
2.8 HDi, 4WD (94 kW) Eng.8140.43S	00-02	**PA607**				1201.H5/ .C9
Jumper II (244)/ Relay '4/02-'3/06						
2.0 (81 kW) Eng.XU10J2	02-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.0 bivalent (81 kW) Eng.XU10J2	2/03-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.0 HDi (62 kW) Eng.RHV(DW10UTD/DW10UTD)	02-	**PA747**		•		1201.C4,1609402380
	4/02-3/06	**KP747-1**		•	Belt:141x25,4 , PA747	0831.40/ .41/ .62/ .82/ .83/ .R8
2.2 HDi (74 kW) Eng.4HY(DW12UTED4)	02-	**PA861**		•		1201.E8,1609402180
2.8 HDi (107 kW) Eng.8140.43N	04-	**PA607**				1201.H5/ .C9
2.8 HDi, 4WD (94 kW) Eng.8140.43S	02-	**PA607**				1201.H5/ .C9
Jumper III '4/06-						
2.2 HDi (74 kW) Eng.4HV(P22DTE)	06-	**PA996**	•			1201.H6,1609944880
2.2 HDi (88 kW) Eng.4HU(P22DTE)	06-	**PA996**	•			1201.H6,1609944880
2.2 Hdi 130 (96 kW)	11-	**PA996**	•			1201.H6,1609944880
3.0 HDi (107 kW) Eng.F1CE3481N	10-	**PA1026**				1201.J4/ .K0
3.0 HDi (115 kW) Eng.F1CE0481D(F30DT)	06-	**PA1026**				1201.J4/ .K0
3.0 Hdi 180 (130 kW)	11-	**PA1026**				1201.J4/ .K0
Jumpy I (U6U) '10/95-'12/06						
1.6, Van (58 kW) Eng.1580SPI/220A2.000	95-	**PA685**			+BH	1201.95
	95-	**PA686**			+BH, +PS	1201.96
1.9 D (51 kW) Eng.D9B(XUD9A-U)	95-98	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.9 D, Van (51 kW) Eng.WJZ(DW8)	95-	**PA747**		•		1201.C4,1609402380
	4/95-12/06	**KP747-3**		•	Belt:140x25,4, PA747	0831.58/ .59/.N2/ .N3/ .R7 1201.C4/ 1609402380
1.9 TD (66 kW) Eng.DHX(XUD9TF-BTF)	3/97-	**PA911**		•		1201.A8
	96-2/97	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
1.9 TD, Flatbed (68 kW) Eng.D8B(XUD9TF)	3/97-	**PA911**		•		1201.A8
	96-2/97	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.0 16v (100 kW) Eng.RFN(EW10J4)	00-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	00-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1

PA081



PA348

PA391

PA542

PA747

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PA862

PA911

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PA1044

PA1045

PA1083

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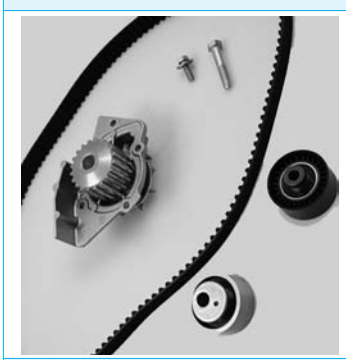
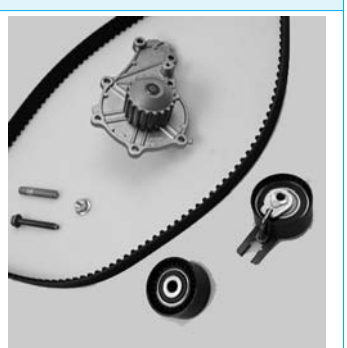
KP747-1



KP747-2

KP747-4

KP861-2



KP938-1

		GRAF ref.			NOTE	Adaptable for OES
2.0 16v (100 kW) Eng.RFN(EW10J4)	00-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 16v (102 kW)	00-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1
2.0 HDi, Van (80 kW) Eng.RHW/RHZ(DW10ATED)	00-	**PA747**		•		1201.C4,1609402380
	3/00-12/06	**KP747-2**		•	Mod. 2V, Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N5/ .V3 1201.C4/ 1609402380
	3/00-12/06	**KP747-1**		•	Mod. 2V, Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8
	3/00-12/06	**KP747-4**		•	Mod. 4V, Belt:144x25,4, PA747, Ch -10010	0831.73/ .74/ .S2,1201.C4/ 1609402380
2.0 HDi, Van, Flatbed (69 kW) Eng.RHX(DW10BTED)	99-	**PA747**		•		1201.C4,1609402380
	10/99-12/06	**KP747-2**		•	Mod. 2V, Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N5/ .V3 1201.C4/ 1609402380
	10/99-12/06	**KP747-1**		•	Mod. 2V, Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8
Jumpy II/Dispatch '1/07-						
1.6 HDi, Van (66 kW) Eng.9HU(DV6UTED4)	07-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
2.0 16v (103 kW) Eng.RFH(EW10A)	07-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	07-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi (88 kW) Eng.RHK(DW10UTED4)	07-	**PA861**		•		1201.E8,1609402180
	07-	**KP861-2**		•	Belt:116x25, PA861	0831.K0,1201.E8/ 1609402180
2.0 Hdi 125 (94 kW) Eng.DW10CD	11-	**PA1110**		•		1201.K2
2.0 HDi 16v (100 kW) Eng.RHR(DW10BTED4)	07-	**PA861**		•		1201.E8,1609402180
	07-	**KP861-2**		•	Belt:116x25, PA861	0831.K0,1201.E8/ 1609402180
2.0 HDi 16v (120 kW) Eng.RHH(DW10CTED4)	10-	**PA1110**		•		1201.K2
2.0 Hdi 95 (72 kW) Eng.DW10CE	11-	**PA1110**		•		1201.K2
Nemo (AA) '2/08-						
1.3 HDi (55 kW) Eng.FHZ(F13DTE5)	10-	**PA1083**				1201.L9
1.4 (54 kW) Eng.KFV/KFT	08-	**PA837**		•		1201.G0,1609417080
1.4 HDi (50 kW) Eng.8HS(DV4TD)	08-	**PA859**		•		1201.F9/ .G8,1609417380
Synergie '1/94-						
1.8i (73 kW) Eng.LFZ(XU7JP)	97-02	**PA348**		•		1201.50/ .61,95625017,95655208,95656567
1.9 TD (68 kW) Eng.DHY(XUD9TE)	94-	**PA911**		•		1201.A8
2.0 (88 kW) Eng.RFU(XU10J2C)	94-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	94-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4,95650955 95666768
2.1 TD 12v (80 kW) Eng.P8C(XUD11BTE)	94-	**PA542**	•	•		1201.54/ .55/ .A7/ .C5/ .C6,1336.L5 96047088
Xsara Picasso Van '2/00-						
1.6 HDi (80 kW) Eng.9HY	1/02-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P2,1201.G1/ .G9/ .K8/ 1609417680

DACIA

1310, SW '5/83-						
1.3 (40 kW) Eng.810-02-99	83-	**PA081**				60 00 039 201

PA581

PA724A

PA977

PA983

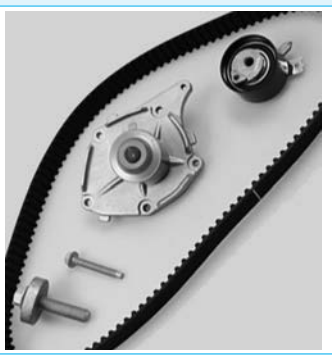
PA1035

PA1043

PA1065

PA1087

PA1091



KP977-1

KP983-1

		GRAF ref.			NOTE	Adaptable for OES
1.3 (40 kW) Eng.810-02-99	83-	**PA581**			+BH	77 01 457 415
						Dokker '1/13-
1.2 Tce (84 kW) Eng.H5F402	13-	**PA1065**				21010-8030R
1.5 DCi (55 kW) Eng.K9K612	13-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 Dci (66 kW) Eng.K9K612	13-	**PA977**		•		77 01 475 995,77 01 478 031
1.6 MPI (61 kW) Eng.K7M812	13-	**PA1043**		•	+RB	210101302R,82 00 582 675
						Duster II '6/10-
1.2 Tce (92 kW)	13-	**PA1065**				21010-8030R
1.5 dCi (63 kW) Eng.K9K796	10-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 dCi 4WD (81 kW) Eng.K9K898	10-	**PA1091**		•		77 01 478 830
1.5 dCi, 4WD (66 kW) Eng.K9K892	10-	**PA1091**		•		77 01 478 830
1.5 dCi, 4WD (79 kW) Eng.K9K896	10-	**PA1091**		•		77 01 478 830
1.6 (75 kW) Eng.K4M616	12-	**PA1043**		•	+RB	210101302R,82 00 582 675
1.6 (81 kW) Eng.K4M690	11-	**PA1043**		•	+RB	210101302R,82 00 582 675
1.6 16v LPG (74-77 kW) Eng.K4M696	11-	**PA1043**		•	+RB	210101302R,82 00 582 675
1.6, 4WD (77 kW) Eng.K4M606/690	10-	**PA1043**		•	+RB	210101302R,82 00 582 675
2.0 (98 kW)	12-	**PA1087**		•	+RB	77 01 479 043
						Lodgy '3/12-
1.2 TCe (85 kW) Eng.H5F402	12-	**PA1065**				21010-8030R
1.5 DCi (66 kW) Eng.K9K612	12-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (79 kW) Eng.K9K846	12-	**PA1091**		•		77 01 478 830
1.6 (61 kW) Eng.K7MA8	12-	**PA1043**		•	+RB	210101302R,82 00 582 675
						Logan I, MCV '9/04-
1.2 (56 kW) Eng.D4F732	09-	**PA983**		•	+RB	77 01 478 923,82 00 397 732,82 00 702 750
	09-	**KP983-1**		•	Belt:95x23,4, PA983	77 01 478 923,77 11 115 394 82 00 035 827/ 834,82 00 103 069 82 00 106 085,82 00 397 732,82 00 454 895 82 00 702 750,82 00 704 394
1.4 (55 kW) Eng.K7J710	11/09-	**PA1043**		•	+RB	210101302R,82 00 582 675
	9/04-11/09	**PA1035**		•		82 00 146 298
1.5 dCi (48 kW) Eng.K9K790	05-	**PA977**		•		77 01 475 995,77 01 478 031
	05-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 475 995,77 01 478 031/ 830
1.5 dCi (50 kW) Eng.K9K792	06-	**PA977**		•		77 01 475 995,77 01 478 031
	1/06-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 475 995,77 01 478 031/ 830
1.5 dCi (55 kW) Eng.K9K892	10-	**PA1091**		•		77 01 478 830
1.5 dCi (63 kW) Eng.K9K796	07-	**PA977**		•		77 01 475 995,77 01 478 031
	9/07-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 475 995,77 01 478 031/ 830
1.5 dCi (65 kW) Eng.K9K892	10-	**PA1091**		•		77 01 478 830
1.6 (62 kW) Eng.K7M800	08-	**PA1035**		•		82 00 146 298
1.6 (64 kW) Eng.K7M710	11/09-	**PA1043**		•	+RB	210101302R,82 00 582 675
	9/04-11/09	**PA1035**		•		82 00 146 298
1.6 16v (77 kW) Eng.K4M690/694	06-07	**PA724A**		•		82 00 428 447
	07-	**PA1043**		•	+RB	210101302R,82 00 582 675
						Logan II, MCV '10/12-
0.9 TCe (66 kW)	12-	**PA1065**				21010-8030R
1.2 (55 kW)	12-	**PA983**		•	+RB	77 01 478 923,82 00 397 732,82 00 702 750
	12-	**KP983-1**		•	Belt:95x23,4, PA983	77 01 478 923,77 11 115 394 82 00 035 827/ 834,82 00 103 069 82 00 106 085,82 00 397 732,82 00 454 895 82 00 702 750,82 00 704 394
1.2 GPL (55 kW) Eng.D4F734	13-	**PA983**		•	+RB	77 01 478 923,82 00 397 732,82 00 702 750
	13-	**KP983-1**		•	Belt:95x23,4, PA983	77 01 478 923,77 11 115 394 82 00 035 827/ 834,82 00 103 069 82 00 106 085,82 00 397 732,82 00 454 895 82 00 702 750,82 00 704 394
1.5 DCi (55 kW) Eng.K9K612	12-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (66 kW) Eng.K9K612	12-	**PA1091**		•		77 01 478 830
						Sandero I, Stepway '6/08-
1.2 (56 kW) Eng.D4F732	09-	**PA983**		•	+RB	77 01 478 923,82 00 397 732,82 00 702 750

PA442

PA531

PA633

PA695

PA977

PA983

PA1035

PA1043

PA1065

PA1091

KP983-1

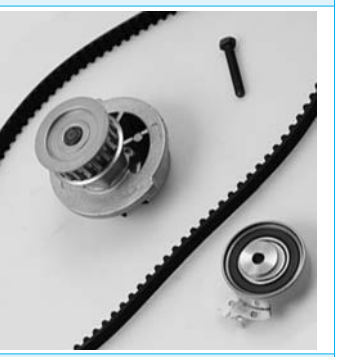
		GRAF ref.			NOTE	Adaptable for OES
1.2 (56 kW) Eng.D4F732	09-	**KP983-1**		•	Belt:95x23,4, PA983	77 01 478 923,77 11 115 394 82 00 035 827/ 834,82 00 103 069 82 00 106 085,82 00 397 732,82 00 454 895 82 00 702 750,82 00 704 394
1.2 LPG (55 kW) Eng.D4F732	08-	**PA983**		•	+RB	77 01 478 923,82 00 397 732,82 00 702 750
	08-	**KP983-1**		•	Belt:95x23,4, PA983	77 01 478 923,77 11 115 394 82 00 035 827/ 834,82 00 103 069 82 00 106 085,82 00 397 732,82 00 454 895 82 00 702 750,82 00 704 394
1.4 (55 kW) Eng.K7J710	08-	**PA1035**		•		82 00 146 298
1.4 (55 kW) Eng.K7J714	09-	**PA1035**		•		82 00 146 298
1.5 dCi (50 kW) Eng.K9K792	09-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 dCi (55 kW) Eng.K9K892	10-	**PA1091**		•		77 01 478 830
1.5 dCi (63 kW) Eng.K9K796	09-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 dCi, Stepway (65 kW) Eng.K9K892	10-	**PA1091**		•		77 01 478 830
1.6 (64 kW) Eng.K7M710	09-	**PA1035**		•		82 00 146 298
1.6 16v Bifuel (77 kW) Eng.K4M696	11-	**PA1043**		•	+RB	210101302R,82 00 582 675
1.6, Stepway (62 kW)	11-	**PA1043**		•	+RB	210101302R,82 00 582 675
1.6, Stepway (62 kW) Eng.K7M800	10-	**PA1043**		•	+RB	210101302R,82 00 582 675
Sandero II '1/13-						
0.9 TCe (66 kW)	13-	**PA1065**				21010-8030R
1.2 (55 kW) Eng.D4F732	13-	**PA983**		•	+RB	77 01 478 923,82 00 397 732,82 00 702 750
	13-	**KP983-1**		•	Belt:95x23,4, PA983	77 01 478 923,77 11 115 394 82 00 035 827/ 834,82 00 103 069 82 00 106 085,82 00 397 732,82 00 454 895 82 00 702 750,82 00 704 394
1.2 LPG (55 kW)	13-	**PA983**		•	+RB	77 01 478 923,82 00 397 732,82 00 702 750
	13-	**KP983-1**		•	Belt:95x23,4, PA983	77 01 478 923,77 11 115 394 82 00 035 827/ 834,82 00 103 069 82 00 106 085,82 00 397 732,82 00 454 895 82 00 702 750,82 00 704 394
1.5 DCi (55 kW) Eng.K9K612	13-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (66 kW) Eng.K9K612	13-	**PA1091**		•		77 01 478 830
Solenza '2/03-						
1.4 (55 kW) Eng.E7JA2	03-	**PA633**		•		77 00 866 518,82 00 146 301
1.9D (46 kW) Eng.F8QP6	03-	**PA531**			Eng. -140115	77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

DACIA LCV

Dokker Express '12/12-						
1.5 DCi (55 kW) Eng.K9K612	12-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (66 kW)	12-	**PA977**		•		77 01 475 995,77 01 478 031
1.6 16v (61 kW)	12-	**PA1043**		•	+RB	210105296R,82 00 582 675
Logan Van, Pick-up '10/09-						
1.4 (55 kW) Eng.K7J710	09-10/09	**PA1035**		•		82 00 146 298
	11/09-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.5 DCi (50 kW) Eng.K9K792	09-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (55 kW) Eng.K9K892	10-	**PA1091**		•		77 01 478 830
1.5 DCi (63 kW) Eng.K9K796	09-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (65 kW) Eng.K9K892	10-	**PA1091**		•		77 01 478 830
1.6 (62-64 kW) Eng.K7M710	10-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 (62 kW) Eng.K7M800	10-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 (64 kW) Eng.K7M710	09-10/09	**PA1035**		•		82 00 146 298
	11/09-	**PA1043**		•	+RB	210105296R,82 00 582 675

DAEWOO

Cielo '2/95-						
1.5 (55 kW) Eng.G15MF	95-8/97	**PA442**		•		90325660,96351969
1.5 (66 kW) Eng.A15MF	95-	**PA695**		•		94013802,96351284,96351971,96352649

PA235	**PA325**	**PA442**	**PA448**
PA495	**PA572**	**PA572A**	**PA694**
			
PA695	**PA696**	**PA738**	**KP442-1**
	Immagine non disponibile Picture not available	Immagine non disponibile Picture not available	
KP572-1	**KP738-1**	**KP738-2**	

		GRAF ref.			NOTE	Adaptable for OES
Espero (KLEJ) '10/91-'9/99						
1.5 (55 kW) Eng.G15MF	91-99	**PA442**		•		90325660,96351969
1.5 16v (66 kW) Eng.A15MF	93-94	**PA695**		•		94013802,96351284,96351971,96352649
	95-9/99	**PA695**		•		94013802,96351284,96351971,96352649
1.8 (66-70 kW) Eng.C18LE	11/95-9/99	**PA235**		•		90284802
	95-10/95	**PA325**		•		90220568
2.0 (74 kW) Eng.C20NEF	91-93	**PA325**		•		90220568
2.0 (77 kW) Eng.C20LE	11/95-9/99	**PA235**		•		90284802
	95-10/95	**PA325**		•		90220568
2.0 (81 kW) Eng.C20SED	93-94	**PA325**		•		90220568
Evanda (KLAL) '8/02-						
2.0 16v (96 kW) Eng.T20SED	02-	**PA572A**		•		24409355,90444359,92065969
Kalos (KLAS) '9/02-						
1.2 (53 kW) Eng.B12S1	4/03-	**PA738**		•		96518977,96666219
	03-08	**KP738-2**		•	Belt:109x25, PA738	96518977,96610029,96666219
1.4 16v (61 kW) Eng.F14S3	02-	**PA694**		•		96350799,96352648,96872704
1.4 16v (69 kW) Eng.F14D3	4/03-	**PA696**		•	+RB	96182871,96352650,96930074
Korando, Cabrio (KJ) '1/99-						
2.3 (105 kW) Eng.M161.973	99-	**PA495**				102 200 62 01
2.9 TD (88 kW) Eng.OM662.910	99-	**PA448**				602 200 02 20
Lacetti (KLAN) '2/04-						
1.4 16v (69 kW) Eng.F14D3	04-	**PA696**		•	+RB	96182871,96352650,96930074
1.6 (80 kW) Eng.F16D	04-	**PA696**		•	+RB	96182871,96352650,96930074
1.8 (90 kW) Eng.T18SED	04-12/05	**PA572A**		•		24409355,90444359,92065969
Lanos (KLAT) '5/97-						
1.4 (55 kW) Eng.A13SMS	97-	**PA694**		•		96350799,96352648,96872704
1.5 (63 kW) Eng.A15SMS	97-	**PA694**		•		96350799,96352648,96872704
1.6 16v (78 kW) Eng.A16DMS	97-	**PA695**		•		94013802,96351284,96351971,96352649
Leganza (KLAV) '6/97-'12/02						
2.0 16v (98 kW) Eng.X20SED	97-12/02	**PA572**		•		90466343,92064250
	6/97-12/02	**KP572-1**		•	Belt:162x20, PA572	90466343,92064250,92226211
Matiz (KLYA) '9/98-						
0.8 (38 kW) Eng.F8CV	98-	**PA738**		•		96518977,96666219
	98-	**KP738-1**		•	Belt:107x25, PA738	12761-78B00/ -80D00,96352965,96518977/96666219
1.0 (47 kW) Eng.B10S1	03-	**PA738**		•		96518977,96666219
	03-08	**KP738-2**		•	Belt:109x25, PA738	96518977,96610029,96666219
Musso (FJ) '1/99-						
2.2 TD (74 kW) Eng.SY661LA	99-	**PA448**				602 200 02 20
2.3 (103 kW) Eng.M111.970	99-	**PA495**				102 200 62 01
2.9 D (73 kW) Eng.OM662	99-	**PA448**				602 200 02 20
2.9 TD (88 kW) Eng.OM662.920	99-	**PA448**				602 200 02 20
Nexia (KLETN) '2/95-						
1.5 (44-52 kW) Eng.G15MF	8/96-8/97	**KP442-1**		•	Belt:111x17, PA442	90325660,96351969
1.5 (55 kW) Eng.G15MF	96-97	**PA442**		•		90325660,96351969
	8/96-8/97	**KP442-1**		•	Belt:111x17, PA442	90325660,96351969
1.5 16v (66 kW) Eng.A15MF	95-97	**PA695**		•		94013802,96351284,96351971,96352649
Nubira (KLAJ), SW '5/97-						
1.6 16v (76 kW) Eng.A16DMS	00-	**PA696**		•	+RB	96182871,96352650,96930074
1.6 16v (78 kW) Eng.616L	97-	**PA696**		•	+RB	96182871,96352650,96930074
1.6 16v (80 kW) Eng.F16D3	03-	**PA696**		•	+RB	96182871,96352650,96930074
1.8 (90 kW) Eng.C18SED	03-	**PA572A**		•		24409355,90444359,92065969
2.0 (81 kW) Eng.C20SED	99-03	**PA572**		•		90466343,92064250
2.0 16v (93 kW) Eng.T20SED	00-	**PA572**		•		90466343,92064250

PA305	**PA556**	**PA572**	**PA572A**
PA696	**PA738**	**PA798**	**PA1238**
	Immagine non disponibile **Picture not available**		
KP572-1	**KP738-1**		

		GRAF ref.			NOTE	Adaptable for OES
2.0 16v (93 kW) Eng.T20SED	00-	**KP572-1**		•	Belt:162x20, PA572	90466343,92064250,92226211
2.0 16v (98 kW) Eng.X20SED	97-	**PA572A**		•		24409355,90444359,92065969
	5/97-	**KP572-1**		•	Belt:162x20, PA572	90466343,92064250,92226211
Rezzo '1/00-						
1.6 16v (78 kW) Eng.A16DMS	00-	**PA696**		•	+RB	96182871,96352650,96930074
2.0 16v (89 kW) Eng.T20SED	00-	**PA572A**		•		24409355,90444359,92065969
	1/00-	**KP572-1**		•	Belt:162x20, PA572	90466343,92064250,92226211
2.0 16v (94 kW) Eng.T20SED4	1/00-	**KP572-1**		•	Belt:162x20, PA572	90466343,92064250,92226211
Tacuma (KLAU) '9/00-						
1.6 16v (78 kW) Eng.A16DMS	00-	**PA696**		•	+RB	96182871,96352650,96930074
2.0 16v (89 kW) Eng.X20SED	01-	**PA572A**		•		24409355,90444359,92065969
	9/01-	**KP572-1**		•	Belt:162x20, PA572	90466343,92064250,92226211
2.0 16v (94 kW) Eng.T20SED4	00-	**PA572**		•		90466343,92064250
	9/00-	**KP572-1**		•	Belt:162x20, PA572	90466343,92064250,92226211
Tico (KLY3) '2/95-						
0.8 (35 kW) Eng.F8C	2/95-	**PA738**		•		96518977,96666219
	2/95-	**KP738-1**		•	Belt:107x25, PA738	12761-78B00/ -80D00,96352965,96518977 96666219
0.8 (38 kW) Eng.F6CV	96-00	**PA738**		•		96518977,96666219
	96-00	**KP738-1**		•	Belt:107x25, PA738	12761-78B00/ -80D00,96352965,96518977 96666219

DAEWOO LCV

Matiz Van '1/98-						
0.8 i (38 kW) Eng.F8CV	98-	**PA738**		•		96518977,96666219
	98-	**KP738-1**		•	Belt:107x25, PA738	12761-78B00/ -80D00,96352965,96518977 96666219

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Applause I '6/89-'7/97						
1.6 16v (A101) (66 kW) Eng.HD	6/89-7/97	**PA556**				16100-87108/ -87182/ -87184
1.6 16v (A101,111) (77 kW) Eng.HDE	6/89-7/97	**PA556**				16100-87108/ -87182/ -87184
1.6 4WD (77 kW) Eng.HDE	6/89-7/97	**PA556**				16100-87108/ -87182/ -87184
Applause II '7/97-						
1.6 16v (73 kW) Eng.HDEEG	97-	**PA556**				16100-87108/ -87182/ -87184
Charade II (G11, G30) '10/83-'3/87						
1.0 (G11) (38 kW) Eng.CB22	83-85	**PA305**				16100-87787,16100-87796
	85-87	**PA798**				16100-87730/ -87786
1.0 D (G30) (27 kW) Eng.CL10	83-87	**PA305**				16100-87787,16100-87796
1.0 T. (G11) (50 kW) Eng.CB60	83-87	**PA305**				16100-87787,16100-87796
1.0 TD (G30) (34 kW) Eng.CL60	85-87	**PA305**				16100-87787,16100-87796
Charade III (G100, G101, G102) '3/87-'1/93						
1.0 (G100) (38 kW) Eng.CB23	87-92	**PA798**				16100-87730/ -87786
1.0 D (G101) (27 kW) Eng.CL11	87-92	**PA305**				16100-87787,16100-87796
1.0 T. (G100) (50 kW) Eng.CB61	87-90	**PA798**				16100-87730/ -87786
1.0 TD (G101) (35 kW) Eng.CL61	87-92	**PA305**				16100-87787,16100-87796
1.3 i (G102) (66 kW) Eng.HCE	88-93	**PA556**				16100-87108/ -87182/ -87184
Charade IV (G200, G202) '1/93-'4/01						
1.0 (38 kW) Eng.CB22	94-96	**PA556**				16100-87108/ -87182/ -87184
1.3, 16v (44-55-62 kW) Eng.HC	93-	**PA556**				16100-87108/ -87182/ -87184
1.5 (55 kW) Eng.HE	94-	**PA556**				16100-87108/ -87182/ -87184
1.5 16v (66 kW) Eng.HEEG	97-	**PA556**				16100-87108/ -87182/ -87184
Charade V (L2) '3/03-						
1.0 (43 kW) Eng.EJVE	03-	**PA1238**	•		+BH	16100-87201/ 7/ 228/ 249

PA210

PA213

PA351

PA555

PA556

PA771

PA798

PA826

PA1004

PA1020

PA1069

PA1086

PA1237

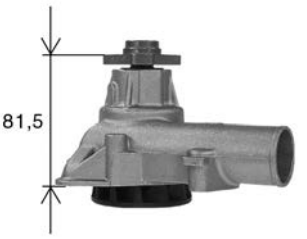
PA1238

		GRAF ref.			NOTE	Adaptable for OES
Charade VI '7/11-						
1.3 MMT (74 kW) Eng.1NRFE	11-	**PA1086**				16100-80004
Charmant (A) '11/81-'7/87						
1.3 (A35) (48 kW) Eng.4K	81-87	**PA351**				16100-19015/ 6/ 7
1.4 Eng.T	81-82	**PA210**				16100-25012
1.6 (A45) (55 kW) Eng.2T	81-84	**PA210**				16100-25012
Copen '9/03-						
0.7 (47-50 kW) Eng.JB	03-	**PA1237**				16100-97212
1.3 (63 kW) Eng.K3VE	06-	**PA1069**				16100-97405/ -97413/ -B9150
Cuore VI (L7) '10/98-'5/03						
1.0 i (L701) (41 kW) Eng.EJDE	98-03	**PA1238**	•		+BH	16100-87201/ 7/ 228/ 249
	98-03	**PA1004**			+BH	16100-97205/ -97227/ -97245,16100-B9321
Cuore VII '5/03-'9/07						
1.0 (43 kW) Eng.EJVE	03-8/05	**PA1238**	•		+BH	16100-87201/ 7/ 228/ 249
	03-8/05	**PA1004**			+BH	16100-97205/ -97227/ -97245,16100-B9321
Cuore VIII '10/07-						
1.0 (51 kW) Eng.1KRFE	07-	**PA1020**				16100-80001/ 7,16100-97234
Delta Wide '1/76-'12/79						
1.2 (57 kW) Eng.3K	76-79	**PA213**				16100-29028,16100-29065
1.6 (64 kW) Eng.12T	76-79	**PA210**				16100-25012
Feroza (F300) '10/88-						
1.6 16v HardTop, SoftTop (63 kW) Eng.HDC	88-	**PA555**				16100-87109/ -87183/ -87185
1.6 i 16v HardTop, SoftTop (70 kW) Eng.HDE	88-	**PA555**				16100-87109/ -87183/ -87185
Gran Move (G3) '10/96-						
1.5 16v (G303) (66 kW) Eng.HEEG	96-	**PA556**				16100-87108/ -87182/ -87184
1.6 (70 kW) Eng.HDEP	98-02	**PA556**				16100-87108/ -87182/ -87184
1.6 16v (G301) (67 kW) Eng.HDEP	98-	**PA556**				16100-87108/ -87182/ -87184
Materia '1/07-						
1.3 (67 kW) Eng.K3VE	07-	**PA826**				16100-97404/ 411,16100-B9010
1.5, 4WD (76 kW) Eng.3SZVE	07-	**PA826**				16100-97404/ 411,16100-B9010
Move (L6, L9) '10/96-						
1.0 i (41 kW) Eng.EJDE	98-	**PA1238**	•		+BH	16100-87201/ 7/ 228/ 249
	98-	**PA1004**			+BH	16100-97205/ -97227/ -97245,16100-B9321
Rocky (F7, F8) '4/84-						
2.0 HardTop, SoftTop (65 kW) Eng.3Y	85-93	**PA771**				16100-79035/ 6/ 7
Sirion (M1) '4/98-'1/05						
1.0 i, 4WD (40-41 kW) Eng.EJDE	98-00	**PA1238**	•		+BH	16100-87201/ 7/ 228/ 249
	98-00	**PA1004**			+BH	16100-97205/ -97227/ -97245,16100-B9321
1.0, 4WD (43 kW) Eng.EJVE	00-	**PA1238**	•		+BH	16100-87201/ 7/ 228/ 249
	00-	**PA1004**			+BH	16100-97205/ -97227/ -97245,16100-B9321
1.3 Sport, 4WD (75 kW) Eng.K3VE2	00-	**PA826**			3 fori mozzo, hub hole	16100-97404/ 411,16100-B9010
	00-05	**PA1069**			4 fori mozzo, hub hole	16100-97405/ -97413/ -B9150
Sirion (M3) '1/05-						
1.0, 4WD (51 kW) Eng.1KRFE	05-	**PA1020**				16100-80001/ 7,16100-97234
1.3 4WD (64 kW) Eng.K3VE	05-	**PA826**				16100-97404/ 411,16100-B9010
1.3, 4WD (67 kW) Eng.K3VE	08-	**PA826**				16100-97404/ 411,16100-B9010
1.5 (76 kW) Eng.3SZVE	07-	**PA826**				16100-97404/ 411,16100-B9010
Sparcar '9/83-'5/86						
0.8 (29 kW) Eng.CD	83-86	**PA798**				16100-87730/ -87786
1.0 (33 kW) Eng.CB41	83-86	**PA798**				16100-87730/ -87786

PA016

PA017

PA020



PA163

PA305

PA555

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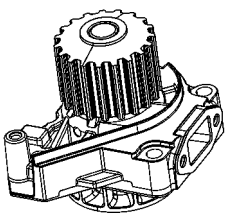
PA1069

PA1076

PA1082

PA1098



PA1200

PA1238

		GRAF ref.			NOTE	Adaptable for OES
Sportrak '1/89-						
1.6i 16v (63-70 kW) Eng.HDC/HDE	89-	**PA555**				16100-87109/ -87183/ -87185
Terios I (J1) '10/97-'11/05						
1.3 (63 kW) Eng.K3VE	01-05	**PA1069**				16100-97405/ -97413/ -B9150
1.3 4WD (61 kW) Eng.HEEJ	97-00	**PA555**				16100-87109/ -87183/ -87185
1.3 4WD (63 kW) Eng.K3VE	00-05	**PA1069**				16100-97405/ -97413/ -B9150
Terios II (J2) / Bego '11/05-						
1.3, 4WD (63 kW) Eng.K3VE	05-	**PA826**				16100-97404/ 411,16100-B9010
1.5 (77 kW) Eng.3SZVE	05-	**PA826**				16100-97404/ 411,16100-B9010
1.5 DVVT, 4WD (75 kW) Eng.3SZVE	10-	**PA826**				16100-97404/ 411,16100-B9010
YRV (M2) '2/01-						
1.0 (43 kW) Eng.EJVE	01-	**PA1238**	•		+BH	16100-87201/ 7/ 228/ 249
	01-	**PA1004**			+BH	16100-97205/ -97227/ -97245,16100-B9321
1.3 (64 kW) Eng.K3VE	01-	**PA1069**			4 fori mozzo, hub hole	16100-97405/ -97413/ -B9150
1.3 GTti (95 kW) Eng.K3VET	02-	**PA826**			3 fori mozzo, hub hole	16100-97404/ 411,16100-B9010
	02-	**PA1069**			4 fori mozzo, hub hole	16100-97405/ -97413/ -B9150

DAIHATSU LCV

Hijet I '1/83-'12/91						
0.8 (29 kW) Eng.CD20	86-89	**PA798**				16100-87730/ -87786
1.0, 4WD (33 kW) Eng.CB41	86-89	**PA798**				16100-87730/ -87786
Hijet II (U60) '1/92-						
1.0 (33-34 kW) Eng.CB41	92-98	**PA798**				16100-87730/ -87786
1.0 i (35 kW) Eng.CB42	94-98	**PA305**				16100-87787,16100-87796
1.2 D (26 kW) Eng.LDW12	95-	**PA1200**		•		-
1.3 i 16v (48 kW) Eng.HCES/HCE	98-	**PA556**				16100-87108/ -87182/ -87184
1.4 D (28 kW) Eng.LDW14	95-	**PA1200**		•		-

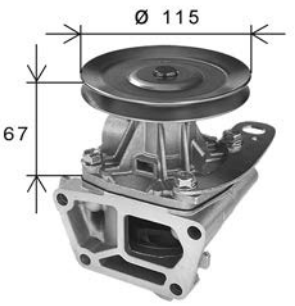
DODGE

Avenger '6/07-						
2.4 (125 kW) Eng.EDG	07-	**PA1082**	•			05047138AB,68046026AA,K68046026AA
2.4 (129 kW) Eng.ED3/EDG	09-	**PA1082**	•			05047138AB,68046026AA,K68046026AA
Caliber '6/06-						
1.8 i 16v (110 kW) Eng.EBA	06-	**PA1082**	•			05047138AB,68046026AA,K68046026AA
2.0 CRD (103 kW) Eng.ECD/ECE	06-	**PA905**		•		68000693AA/ AB/ AC
2.0 i 16v (115 kW) Eng.ECN	06-	**PA1082**	•			05047138AB,68046026AA,K68046026AA
2.4 i 16v (125 kW) Eng.ED3	06-	**PA1082**	•			05047138AB,68046026AA,K68046026AA
Journey '6/08-						
2.0 CRD (103 kW) Eng.ECE	08-	**PA905**		•		68000693AA/ AB/ AC
2.4 (125 kW) Eng.ED3	09-	**PA1082**	•			05047138AB,68046026AA,K68046026AA
Nitro '6/07-						
2.8 CRD, 4WD (130 kW) Eng.ENR/ENS	07-	**PA1076**		•		68027359AA
Sprinter III '1/06-						
3.5 V6 (190 kW) Eng.M272	06-	**PA1098**				68013932AA

FIAT

124 '7/66-'7/75						
1.2, SW (44 kW) Eng.124A.000	66-73	**PA016**			Bn-Familiare	4129810,5882684
	66-73	**PA020**			Pamplona SEAT	4336188
1.2, SW (48 kW) Eng.124A.000	73-75	**PA016**			Bn-Familiare	4129810,5882684
	73-75	**PA020**			Pamplona SEAT	4336188
1.4 Special (51 kW) Eng.124B2.000	68-12/71	**PA017**				4186267
1.5 Special T (59 kW) Eng.124AC3	71-75	**PA163**				4314160,4314162,4331825,5882689

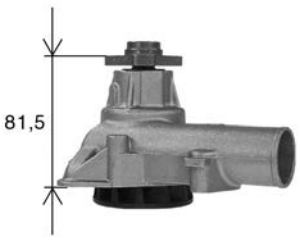
PA017



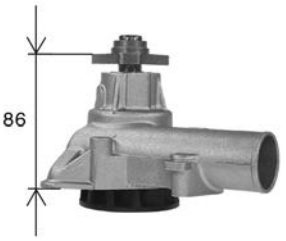
PA054

PA088

PA159



PA163



PA337

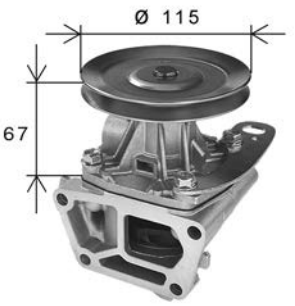
PA554

PA559

PA984

		GRAF ref.			NOTE	Adaptable for OES
1.6 Special T (70 kW) Eng.132A9/AC9	73-75	**PA163**				4314160,4314162,4331825,5882689
						124 Coupe '6/67-'2/76
1.4 Sport (66 kW) Eng.124AC.000	67-69	**PA017**				4186267
	69-72	**PA163**				4314160,4314162,4331825,5882689
1.6 Sport (74-76-80 kW) Eng.132AC.000	72-75	**PA163**			Eng 195038-	4314160,4314162,4331825,5882689
1.6 Sport (81 kW) Eng.125BC	70-73	**PA163**			Eng 195038-	4314160,4314162,4331825,5882689
1.8 Sport CS1 (84-87 kW) Eng.132AC1	73-76	**PA163**			Eng 195038-	4314160,4314162,4331825,5882689
						124 Spider '1/66-'9/85
1.5 Sport BS (66 kW) Eng.132AC.000	66-69	**PA017**				4186267
1.6 Sport (74-76-80 kW) Eng.132AC.000	69-74	**PA163**			Eng 195038-	4314160,4314162,4331825,5882689
1.6 Sport (81 kW) Eng.125BC	69-73	**PA163**			Eng 195038-	4314160,4314162,4331825,5882689
1.8 Sport (82 kW)	73-75	**PA163**			Eng 195038-	4314160,4314162,4331825,5882689
1.8 Sport CS1 (84-87 kW) Eng.132AC1	72-77	**PA163**			Eng 195038-	4314160,4314162,4331825,5882689
2.0 Europa (76-77 kW) Eng.132C3.031	82-85	**PA163**				4314160,4314162,4331825,5882689
2.0 Europa Volumex (99 kW) Eng.232R14	83-85	**PA337**				5882693,5936494
						125 '7/67-'3/74
1.6 (66 kW) Eng.125A.000	67-74	**PA017**			+AF	4186267
1.6 Special (74 kW) Eng.125B.000	69-73	**PA017**			+AF	4186267
						126 '9/72-'9/00
0.7 (19 kW) Eng.126A2.000/126A2.048	87-96	**PA984**				11193874,14359221,7666244,7691790,7764145
						127 '6/71-'12/86
0.9 (29 kW) Eng.100GL.048	71-83	**PA088**				4243679,4296890,4384129,5882694,5939200
0.9 (33 kW) Eng.100GL.000	71-83	**PA088**				4243679,4296890,4384129,5882694,5939200
1.0 , Panorama (37 kW) Eng.127A.000	77-86	**PA159**				-
	77-86	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.0 Sport (51 kW) Eng.127A1.000	78-82	**PA159**				-
	78-82	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.3 (55 kW) Eng.127A3.000	81-83	**PA159**				-
	81-83	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.3 D, Panorama (33 kW) Eng.127A5.000	81-86	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
						128 '3/69-'12/84
1.1 Coupe (47-48 kW) Eng.128AC5.000	72-81	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	72-81	**PA054**			+BH	4194951,4243593,4297101,4329406,4384128 5882695,5894255,5983960
1.1, Familiare (33 kW) Eng.128A.048	75-81	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	75-81	**PA054**			+BH	4194951,4243593,4297101,4329406,4384128 5882695,5894255,5983960
1.1, Familiare (40 kW) Eng.128A.000	69-84	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	69-84	**PA054**			+BH	4194951,4243593,4297101,4329406,4384128 5882695,5894255,5983960
1.3 Coupe, Berlinetta (54-55 kW) Eng.128AC.000	72-79	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	72-79	**PA054**			+BH	4194951,4243593,4297101,4329406,4384128 5882695,5894255,5983960
1.3 Rally (49 kW) Eng.128AC.000	71-76	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	71-76	**PA054**			+BH	4194951,4243593,4297101,4329406,4384128 5882695,5894255,5983960
1.3 Sport, Familiare (44 kW) Eng.128A1.000	74-84	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974

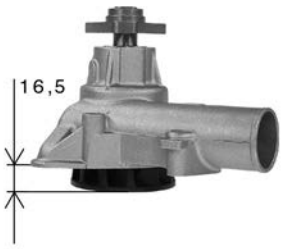
PA019



PA054

PA159

PA161



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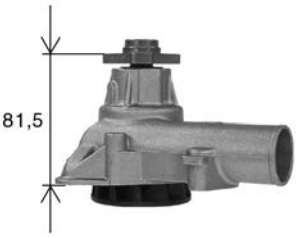

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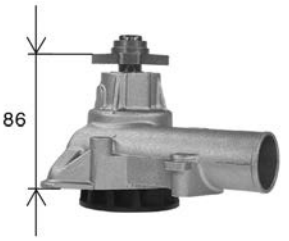


PA337

PA559

PA866

PA1030

PA1083

PA1085

PA1155

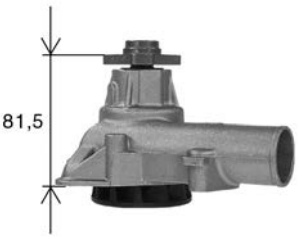
KP866-2

		GRAF ref.			NOTE	Adaptable for OES
1.3 Sport, Familiare (44 kW) Eng.128A1.000	74-84	**PA054**			+BH	4194951,4243593,4297101,4329406,4384128 5882695,5894255,5983960
131 '10/74-'12/84						
1.3 Mirafiori (40 kW) Eng.131A6.000	74-81	**PA162**				4332090
1.3 Mirafiori (48 kW) Eng.131A7.000	74-82	**PA162**				4332090
1.3 Super Mirafiori (57 kW) Eng.131B.000/A7/B7	78-80	**PA163**			Eng -1262917	4314160,4314162,4331825,5882689
1.4 (55 kW) Eng.131C1.000	81-83	**PA337**			Eng 1262918-	5882693,5936494
1.6 Mirafiori (55 kW) Eng.131A1.000/AF1/B1	84-81	**PA162**				4332090
1.6 Super Mirafiori (71 kW) Eng.131C3.000	78-84	**PA337**			Eng 1262863-	5882693,5936494
1.6 Super Mirafiori (72 kW) Eng.131B1.000	79-82	**PA163**			Eng -1262862	4314160,4314162,4331825,5882689
2.0 D (44 kW) Eng.8144.65	78-84	**PA161**				4720031,4755003,4764782,7303050
2.0 Racing (85 kW) Eng.131B2.000	78-81	**PA163**			Eng -1262868	4314160,4314162,4331825,5882689
2.0 Super Mirafiori (83 kW) Eng.131C4.000	81-84	**PA337**			Eng 1262869-	5882693,5936494
2.5 D (53 kW) Eng.8144.61	78-84	**PA161**				4720031,4755003,4764782,7303050
132 '4/72-'12/82						
1.6 (66 kW) Eng.132C6.000	77-81	**PA163**				4314160,4314162,4331825,5882689
1.6 (72 kW) Eng.132C.000	74-82	**PA163**				4314160,4314162,4331825,5882689
1.7 GLS (79 kW) Eng.132A/B/C1/AB.1	74-81	**PA163**				4314160,4314162,4331825,5882689
1.7 GLS (82 kW) Eng.132B1.000	74-81	**PA163**				4314160,4314162,4331825,5882689
2.0 (82 kW) Eng.132C2.000	77-81	**PA163**				4314160,4314162,4331825,5882689
2.0 D (44 kW) Eng.8144.65	78-82	**PA161**				4720031,4755003,4764782,7303050
2.0 GLS (84 kW) Eng.132C2.000	1/76-12/76	**PA163**				4314160,4314162,4331825,5882689
2.0 i.e. (90 kW) Eng.132C3.000	80-82	**PA163**				4314160,4314162,4331825,5882689
2.5 D (53 kW) Eng.8144.61	78-82	**PA161**				4720031,4755003,4764782,7303050
147 / Spazio '10/76-'12/95						
1.0, Panorama (37 kW) Eng.127AB/AJ	80-83	**PA159**				-
	80-83	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1500 Cabrio '6/64-'10/67						
1.5 (49-55 kW) Eng.115C	64-67	**PA019**				4081489
1500-2300 '7/62-'12/70						
1.8 Eng.112	62-70	**PA019**				4081489
2.3 (75 kW) Eng.114B	62-69	**PA019**				4081489
500 II (150) '7/07-						
0.9 Twinair, Cabrio (77 kW) Eng.199B6.000	13-	**PA1155**				55225394,55233943
0.9, Cabrio (63 kW) Eng.312A2.000	10-	**PA1155**				55225394,55233943
1.2 (51 kW) Eng.169A4.000	11-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.2, Cabrio (51 kW) Eng.169A4.000	07-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	07-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.3 MJT, Cabrio (55 kW) Eng.169A1.000	07-	**PA1083**				46815125,46819138,71745026
1.3 MJT, Cabrio (70 kW) Eng.199B1.000	10-	**PA1083**				46815125,46819138,71745026
1.4 16v, Cabrio (74 kW) Eng.169A3.000	07-	**PA1030**		•	Imp. Tesma	55204538,55221397
	07/07-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	-6/08	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717
1.4 Abarth (103 kW) Eng.198A7.000	08-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 Abarth (132 kW) Eng.312A3.000	08-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 Abarth (140 kW) Eng.312A1.000	08-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 Abarth, Cabrio (99-118 kW) Eng.312A1.000	08-	**PA1030**		•	Imp. Tesma	55204538,55221397
500 II L '9/12-						
0.9 (48 kW) Eng.312A4.000	12-	**PA1155**				55225394,55233943
0.9 Twinair (77 kW) Eng.199B6.000	12-	**PA1155**				55225394,55233943
1.3 MJT (62 kW) Eng.199B4.000	12-	**PA1083**				46815125,46819138,71745026
1.4 (70 kW) Eng.843A1.000	12-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 T-Jet (88 kW)	14-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.6 MJT (77 kW) Eng.198A3.000	13-	**PA1085**		•	+RB	46804051,55209993
1.6 MJT (88 kW) Eng.955A3.000	13-	**PA1085**		•	+RB	46804051,55209993

PA006

PA008

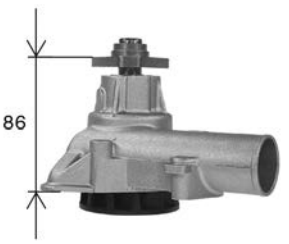
PA161



PA163

PA168

PA276



PA337

PA614

PA621

PA629

PA672

PA693

PA739

PA866

PA1030

PA1083

Cuscinetto rinforzato
Reinforced bearing

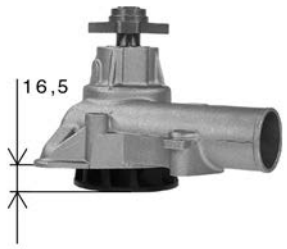
PA1085

PA1155

KP621-1

KP866-2

		GRAF ref.			NOTE	Adaptable for OES
500L Living '9/13-						
0.9 Twinair (77 kW)	13-	**PA1155**				55225394,55233943
0.9 Twinair Nat. Pow. (62 kW)	13-	**PA1155**				55225394,55233943
1.3 MJT (62 kW)	13-	**PA1083**				46815125,46819138,71745026
1.4 T-Jet (88 kW)	14-	**PA1030**		•		55204538,55221397
1.6 MJT (77 kW)	13-	**PA1085**		•	+RB	46804051,55209993
1.6 MJT (88 kW)	13-	**PA1085**		•	+RB	46804051,55209993
595, Cabrio '9/12-						
1.4 T-Jet Abarth (118 kW)	12-	**PA1030**		•		55204538,55221397
600 '3/55-'2/72						
0.8 (D) (17 kW) Eng.100D	60-72	**PA006**				4065269
850 '7/64-'12/72						
0.8 (35 kW) Eng.100GB	68-72	**PA008**				4172066
0.8 Berlina, super (27 kW) Eng.100G	64-72	**PA008**				4172066
0.8 Spider (36 kW) Eng.100GS	65-68	**PA008**				4172066
Albea '1/03-'12/05						
1.2 i (44 kW) Eng.188A4.000	03-05	**PA739**		•		46526243,46805736,55184080
1.2 i 16v (59 kW) Eng.188A5.000	03-05	**PA1030**		•	Imp. Tesma	55204538,55221397
1.3 JTD (51 kW) Eng.188A9.000	03-05	**PA1083**				46815125,46819138,71745026
1.6 i 16v (76 kW) Eng.182B6.000	03-05	**PA629**				46400058,46444355
1.9 JTD (59 kW) Eng.188A2.000	03-05	**PA672**		•		46515970,46515972,60814609
Argenta (132A) '6/78-'7/86						
1.6 (72 kW) Eng.132D.000	81-85	**PA163**			Eng -1262886	4314160,4314162,4331825,5882689
	81-85	**PA337**			Eng 1262887-	5882693,5936494
1.6 i.e (66 kW) Eng.131B1.000	81-85	**PA163**			Eng -1262886	4314160,4314162,4331825,5882689
	81-85	**PA337**			Eng 1262887-	5882693,5936494
2.0 (83 kW) Eng.132C2.000/132D1.000	78-85	**PA163**			Eng -1262902	4314160,4314162,4331825,5882689
	78-85	**PA337**			Eng 1262903-	5882693,5936494
2.0 i.e. (90 kW) Eng.132C3.000	81-86	**PA163**			Eng -1262902	4314160,4314162,4331825,5882689
	81-86	**PA337**			Eng 1262903-	5882693,5936494
2.0 Volumex (99 kW) Eng.132E	83-85	**PA168**				4328136,5882688
2.5 D (53 kW) Eng.8144.61	81-85	**PA161**				4720031,4755003,4764782,7303050
2.5 TD (66 kW) Eng.8144.61.500.81	83-85	**PA276**				7302010,7303051
Barchetta (183) '4/95-						
1.8 16v (96 kW) Eng.183A1.000/188A6.000	95-	**PA621**		•		60586222,60811328
	-5/98	**KP621-1**		•	Eng.183 A1.000, Belt:168x24 PA621	60586222,60811328,71736727
Brava, Bravo (182) '10/95-'10/01						
1.2 16v (59 kW) Eng.188A5.000	00-01	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	10/00-10/01	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717
1.2 16v (60 kW) Eng.182B2.000	12/98-3/99	**PA693**		•		46422512,71713728
	4/99-00	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	5/99-	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717
1.4 (55 kW) Eng.182A5.000	95-97	**PA614**		•	Eng -705143	7762924



PA162

PA286A

PA451

PA614

PA615

PA616

PA620

PA621

PA622

PA629

PA672

PA689

PA690

PA866

PA984

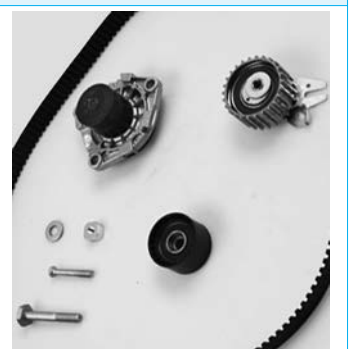
PA1030

Cuscinetto rinforzato
Reinforced bearing

PA1085

KP672-1

KP866-2



KP1085-2

		GRAF ref.			NOTE	Adaptable for OES
1.4 (55 kW) Eng.182A5.000	97-10/01	**PA690**		•	Eng 705144-	46515971
1.4 12v (59 kW) Eng.182A3.000	95-97	**PA614**		•	Eng -705143	7762924
	97-10/01	**PA690**		•	Eng 705144-	46515971
1.6 16v (66 kW) Eng.182A6.000	95-01	**PA620**	•			46400058,46444355,71716878
	95-01	**PA629**			+BH	46400058,46444355
1.6 16v (76 kW) Eng.182A4.000	96-01	**PA620**	•			46400058,46444355,71716878
	96-01	**PA629**			+BH	46400058,46444355
1.6 16v (76 kW) Eng.182B6.000	00-02	**PA620**	•			46400058,46444355,71716878
	00-02	**PA629**			+BH	46400058,46444355
1.8 16v (83 kW) Eng.182A2.000	95-01	**PA621**		•		60586222,60811328
1.9 D (48 kW) Eng.160A7.000	95-96	**PA622**				46410551
1.9 JTD (74 kW) Eng.182B9.000	00-01	**PA672**		•		46515970,46515972,60814609
	9/00-10/01	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 JTD 105 (77 kW) Eng.182B4.000	98-01	**PA672**		•		46515970,46515972,60814609
	12/98-10/01	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 TD 100 (74 kW) Eng.182A7.000	96-01	**PA615**		•	Eng -719176	7762925
	96-01	**PA672**		•	Eng 719177-	46515970,46515972,60814609
	3/96-10/01	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 TD 75 (55 kW) Eng.182A8.000	96-01	**PA615**		•	Eng -719176	7762925
	96-01	**PA672**		•	Eng 719177-	46515970,46515972,60814609
2.0 20v (Exc. Brava) (108 kW) Eng.182A1.000	95-98	**PA616**		•		7762926
2.0 HGT 20v (Exc. Brava) (113 kW) Eng.182B7.000	98-01	**PA616**		•		7762926
Bravo (198) '3/07-						
1.4 16v (103 kW) Eng.198A7.000	08-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 16v (66 kW) Eng.192B2.000	07-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	07-	**PA1030**		•	Imp. Tesma	55204538,55221397
	3/07-	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717
1.4 T. (88 kW) Eng.198A4.000	07-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	07-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 T-Jet (110 kW) Eng.198A1.000	07-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	07-	**PA1030**		•	Imp. Tesma	55204538,55221397
	3/07-	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717
1.6 MJT (66 kW) Eng.198A3.000/A6.000	09-	**PA1085**		•	+RB	46804051,55209993
1.6 MJT (77 kW) Eng.198A1.000	07-	**PA1085**		•	+RB	46804051,55209993
1.6 MJT (85 kW) Eng.955A4.000	08-	**PA1085**		•	+RB	46804051,55209993
1.6 MJT (88 kW) Eng.198A2.000	08-	**PA1085**		•	+RB	46804051,55209993
1.9 MJT (66 kW) Eng.192B5.000	07-08	**PA672**		•		46515970,46515972,60814609
1.9 MJT (85 kW) Eng.192B4.000/192A1.000	07-	**PA672**		•		46515970,46515972,60814609
1.9 MJT (88 kW) Eng.192A8.000	07-	**PA672**		•		46515970,46515972,60814609
1.9 MJT 16v (110 kW) Eng.937A5.000	07-	**PA1085**		•	+RB	46804051,55209993
	07-	**KP1085-2**		•	Belt:199x24, PA1085	46804051,55209993
2.0 MJT 16v (121 kW) Eng.198A5.000/844A2.000	09-	**PA1085**		•	+RB	46804051,55209993
Campagnola '6/74-'10/89						
2.0 (59 kW) Eng.132AZ2.000	78-85	**PA162**				4332090
Cinquecento (170) '7/91-'1/98						
0.7 (23 kW) Eng.170A.000	91-96	**PA984**				11193874,14359221,7666244,7691790,7764145
0.7 i (22 kW) Eng.170A.046	94-98	**PA984**				11193874,14359221,7666244,7691790,7764145
0.9 (30 kW) Eng.170A1.000	91-93	**PA451**				46742168,7724414
	91-93	**PA689**			+Air	71737966,7762986
0.9 i.e. (30 kW) Eng.170A1.046	91-93	**PA451**				46742168,7724414
	91-93	**PA689**			+Air	71737966,7762986
0.9 i.e. S (29 kW) Eng.1170A1.046	91-98	**PA451**				46742168,7724414
	91-98	**PA689**			+Air	71737966,7762986
1.1 Sporting (40 kW) Eng.176B2.000	94-98	**PA286A**		•	Eng -9042883	46423351,5973713,71713727,7640163,7691820 7715242

PA293

PA298

PA346

PA378A

PA399

PA452

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PA503

PA616

PA621

PA672

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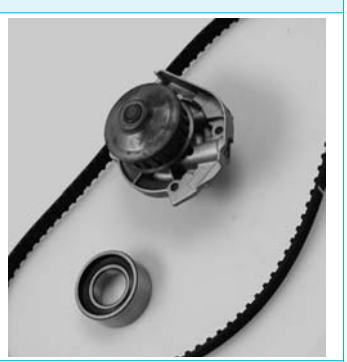
PA957

PA959

PA1085



KP286-2

KP621-1

KP672-2

KP739-1

KP1085-2

		GRAF ref.			NOTE	Adaptable for OES
1.1 Sporting (40 kW) Eng.176B2.000	94-98	**PA739**		•	Eng 9042884-	46526243,46805736,55184080
	94-98	**KP286-2**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
Coupe (FA/175) '11/93-						
1.8 16v (96 kW) Eng.183A1.000	96-	**PA621**		•		60586222,60811328
	-5/98	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
2.0 16v (102 kW) Eng.836A3.000	93-96	**PA496**				60810426,71737965,7708187,7747388
2.0 16v T. (140 kW) Eng.175A1.000	93-96	**PA496**				60810426,71737965,7708187,7747388
2.0 20v (108 kW) Eng.182A1.000	96-98	**PA616**		•		7762926
2.0 20v (113 kW) Eng.182B3.000	4/98-	**PA616**		•		7762926
2.0 20v T. (162 kW) Eng.175A3.000	8/96-	**PA616**		•		7762926
Croma (154) '12/85-'12/96						
1.9 TD i.d. (66 kW) Eng.154C6.000	89-92	**PA378A**			Ch 0286051-, +Air	5896813,7597569,7631494,7658606/ 7 7692285,7693569
	89-92	**PA378A**			+KIT368, Ch -0286050	5896813,7597569,7631494,7658606/ 7 7692285,7693569
1.9 TD i.d. (69 kW) Eng.154D1.000	92-96	**PA378A**			Ch 0286051-	5896813,7597569,7631494,7658606/ 7 7692285,7693569
2.0 16v (101 kW) Eng.154E1.000	92-96	**PA399**			Ch 0285922-	7609204,7661811,7695555/ 9,7747386
2.0 CHT (66 kW) Eng.154A1.000	85-91	**PA293**				5973319
2.0 CHT (74 kW) Eng.154C5.000	91-92	**PA293**				5973319
2.0 i.e. (83 kW) Eng.834B.048	86-90	**PA293**				5973319
2.0 i.e. (85 kW) Eng.154C3.046/834B.146	87-92	**PA293**			Ch -0285921	5973319
	92-96	**PA298**			Ch 0285922-	5999790,7661813,7695557,7783009
2.0 i.e. (88 kW) Eng.834B.000	87-92	**PA293**				5973319
2.0 i.e. T. (110 kW) Eng.834C.146/154C4.046	87-92	**PA293**			Ch -0285921	5973319
	92-96	**PA298**			Ch 0285922-	5999790,7661813,7695557,7783009
2.0 i.e. T. (111 kW) Eng.834C.146	86-91	**PA293**				5973319
2.0 i.e. T. (114 kW) Eng.154A2.000	85-91	**PA293**				5973319
2.5 TD (85 kW) Eng.8144.97Y	93-96	**PA503**				98435125,98456197,99440930
2.5 TDE (77 kW) Eng.8144.97S	91-96	**PA452**			Eng 1340163-	98430541
2.5 V6 (119 kW) Eng.834G.000	93-96	**PA346**				71713045,71737989
Croma (194) '5/05-						
1.8 Mpi (103 kW) Eng.939A4.000	05-	**PA959**				71739779
1.9 MJT (100 kW) Eng.939A8.000	05-	**PA1085**		•	+RB	46804051,55209993
1.9 MJT (85 kW) Eng.939A7.000	05-	**PA672**		•		46515970,46515972,60814609
1.9 MJT (88 kW) Eng.939A1.000	05-	**PA672**		•		46515970,46515972,60814609
	05-	**KP672-2**		•	Belt:190x24, PA672	46515970,46515972,46791188,55183527 55187100,55191315,55192323/ 896,55200441 55212159,60813592,71747799,7778565
1.9 MJT 16v (110 kW) Eng.939A2.000	05-	**PA1085**		•	+RB	46804051,55209993
	5/05-	**KP1085-2**		•	Belt:199x24, PA1085	46804051,55209993
2.2 Mpi 16v (108 kW) Eng.194A1.000	05-	**PA957**	•			71739401,71751273,71769761
2.4 MJT 20v (147 kW) Eng.939A3.000	05-	**PA672**		•		46515970,46515972,60814609
Doblo I (223) '3/01-'4/05						
1.2 (48 kW) Eng.223A5.000	01-05	**PA739**		•		46526243,46805736,55184080
	3/01-4/05	**KP739-1**		•	Imp. Pierburg, Belt:129x15, PA739, Eng -2533528	46526243,46805736,55184080,71736718

PA159

PA338A

PA559

PA620

PA629

PA672

PA866

PA1030

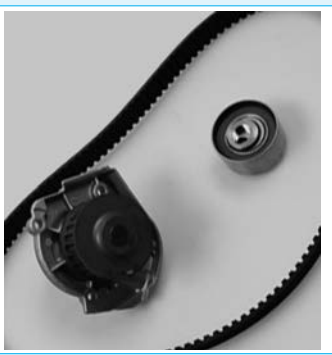
PA1083

PA1085

PA1135

PA1155

KP672-1



KP866-1

		GRAF ref.			NOTE	Adaptable for OES
1.3 JTD (51 kW) Eng.188A9.000	04-05	**PA1083**				46815125,46819138,71745026
1.6 16v (68-76 kW) Eng.182B6.000	01-05	**PA620**	•			46400058,46444355,71716878
	01-05	**PA629**			+BH	46400058,46444355
1.9 D (46 kW) Eng.223A6.000	01-05	**PA672**		•		46515970,46515972,60814609
1.9 JTD (74 kW) Eng.182B9.000	01-05	**PA672**		•		46515970,46515972,60814609
	10/01-4/05	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 JTD (77 kW) Eng.223A7.000	03-05	**PA672**		•		46515970,46515972,60814609
	7/03-4/05	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
Doblo II (119) '5/05-'12/09						
1.3 MJT (Germany) (62 kW) Eng.223A9.000	05-	**PA1083**				46815125,46819138,71745026
1.3 MJT 16v (55 kW) Eng.199A2.000	05-	**PA1083**				46815125,46819138,71745026
1.4 (55 kW) Eng.350A1.000	05-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	05-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 (57 kW) Eng.350A1.000	05-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	05-	**PA1030**		•	Imp. Tesma	55204538,55221397
	05-	**KP866-1**		•	Belt:129x22, PA866, Imp. Pierburg	46520401,55183446,55183497,55184081 55186602,55198547,55203785,55205557 55217612,71753156
1.6 16v (76 kW) Eng.182B6.000	05-	**PA629**			+BH	46400058,46444355
1.9 MJT (74 kW) Eng.223B2.000	05-	**PA672**		•		46515970,46515972,60814609
	5/05-12/09	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 MJT (77 kW) Eng.223B1.000	05-	**PA672**		•		46515970,46515972,60814609
	11/05-12/09	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 MJT (88 kW) Eng.186A9.000	05-	**PA672**		•		46515970,46515972,60814609
Doblo III (152) '1/10-						
1.3 MJT (66 kW) Eng.263A2.000	10-	**PA1083**				46815125,46819138,71745026
1.4 (70 kW) Eng.843A1.000	10-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 T-Jet (88 kW) Eng.198A4.000	10-	**PA1030**		•		55204538,55221397
1.6 MJT (66 kW) Eng.263A4.000	10-	**PA1085**		•	+RB	46804051,55209993
1.6 MJT (77 kW) Eng.198A3.000	10-	**PA1085**		•	+RB	46804051,55209993
2.0 MJT (99 kW) Eng.263A1.000	10-	**PA1085**		•	+RB	46804051,55209993
Duna (146 B), Weekend '1/87-'12/91						
1.1 60 (43 kW) Eng.146A6.000	87-91	**PA159**				-
	87-91	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.3 70 (49 kW) Eng.146A5.000	87-91	**PA159**				-
	87-91	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.7 D (44 kW) Eng.149B3.000	87-91	**PA338A**				46409136,71737977,7608844,7693966
Freemont (JC) '6/11-						
2.0 JTD (100 kW) Eng.939B5.000	11-	**PA1085**		•	+RB	46804051,55209993
2.0 JTD, 4WD (120 kW) Eng.939B5.000	11-	**PA1085**		•	+RB	46804051,55209993
2.0 MJT (103 kW) Eng.940A5.000/939B5.000	11-	**PA1085**		•	+RB	46804051,55209993
2.0 MJT (125 kW) Eng.939B5.000	11-	**PA1085**		•	+RB	46804051,55209993
2.4, 4WD (126 kW)	12-	**PA1135**				-
Grande Punto IV (199) '9/05-						
0.9 Twinair (63 kW) Eng.312A2.000	11-	**PA1155**				55225394,55233943
1.2 (48 kW) Eng.199A4.000	05-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	05-	**PA1030**		•	Imp. Tesma	55204538,55221397
	05-	**KP866-1**		•	Belt:129x22, PA866, Imp. Pierburg	46520401,55183446,55183497,55184081 55186602,55198547,55203785,55205557 55217612,71753156
1.2 (51 kW) Eng.169A4.000	10-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.3 MJT (51 kW) Eng.199B2.000	08-	**PA1083**				46815125,46819138,71745026
1.3 MJT (62 kW) Eng.199B4.000	10-	**PA1083**				46815125,46819138,71745026
1.3 MJT 16v (55 kW) Eng.199A2.000	05-	**PA1083**				46815125,46819138,71745026

PA672

PA866

PA1030

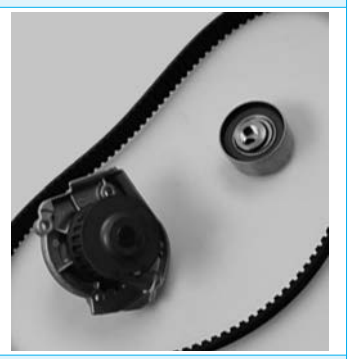
PA1083

Cuscinetto rinforzato
Reinforced bearing

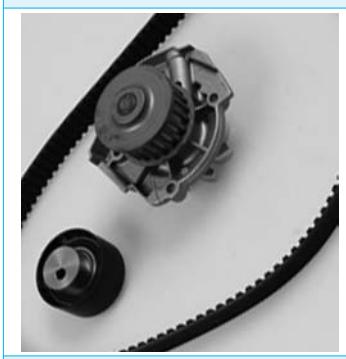
PA1085

PA1155

KP672-2



KP866-1



KP866-2

		GRAF ref.			NOTE	Adaptable for OES
1.3 MJT 16v (66 kW) Eng.199A3.000	05-	**PA1083**				46815125,46819138,71745026
1.4 (55 kW) Eng.199A7.000	10-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 (57 kW) Eng.350A1.000	05-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	05-	**PA1030**		•	Imp. Tesma	55204538,55221397
	05-	**KP866-1**		•	Belt:129x22, PA866, Imp. Pierburg	46520401,55183446,55183497,55184081 55186602,55198547,55203785,55205557 55217612,71753156
1.4 16v (112 kW) Eng.198A1.000	07-	**PA1030**		•		55204538,55221397
1.4 16v (70 kW) Eng.199A6.000	06-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	06-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 16v (77 kW) Eng.955A6.000	09-	**PA1030**		•		55204538,55221397
1.4 Abarth (114 kW) Eng.199A8.000	07-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 Abarth (132 kW) Eng.955A8.000	07-	**PA1030**		•		55204538,55221397
1.4 T. (88 kW) Eng.199A6.000	07-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	07-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.6 JTD (88 kW) Eng.955A3.000	08-	**PA1085**		•	+RB	46804051,55209993
1.9 MJT (85 kW) Eng.939A7.000	06-	**PA672**		•		46515970,46515972,60814609
1.9 MJT (88 kW) Eng.939A1.000	05-	**PA672**		•		46515970,46515972,60814609
	05-	**KP672-2**		•	Belt:190x24, PA672	46515970,46515972,46791188,55183527 55187100,55191315,55192323/ 896,55200441 55212159,60813592,71747799,7778565
1.9 MJT (96 kW) Eng.199A5.000	05-	**PA672**		•		46515970,46515972,60814609
	05-	**KP672-2**		•	Belt:190x24, PA672	46515970,46515972,46791188,55183527 55187100,55191315,55192323/ 896,55200441 55212159,60813592,71747799,7778565
Grande Punto V (199) '2/12-						
0.9 Twinair (63 kW) Eng.312A2.000	12-	**PA1155**				55225394,55233943
0.9 Twinair (77 kW) Eng.199B6.000	13-	**PA1155**				55225394,55233943
1.2 8v (51 kW) Eng.169A4.000	12-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.3 MJT (55 kW) Eng.199A2.000/199A9.000	12-	**PA1083**				46815125,46819138,71745026
1.3 MJT (62 kW) Eng.199B4.000	12-	**PA1083**				46815125,46819138,71745026
1.3 MJT (70 kW) Eng.199B1.000	12-	**PA1083**				46815125,46819138,71745026
1.4 (55 kW) Eng.199A7.000	12-	**PA1030**		•		55204538,55221397
1.4 8v (57 kW) Eng.350A1.000	12-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 8v Easypower, NaturalPower (57 kW) Eng.350A1.000	12-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 MultiAir (77 kW) Eng.955A6.000	12-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 T (99 kW) Eng.955A2.000	12-	**PA1030**		•	Imp. Tesma	55204538,55221397
Idea (135) '1/04-						
1.2 16v (59 kW) Eng.188A5.000	04-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	04-	**PA1030**		•	Imp. Tesma	55204538,55221397
	-6/08	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717
1.3 JTD (51 kW) Eng.188A9.000	04-	**PA1083**				46815125,46819138,71745026
1.3 MJT 16v (66 kW) Eng.199A3.000	05-	**PA1083**				46815125,46819138,71745026
1.3 MJT 16v (68 kW)	10-	**PA1083**				46815125,46819138,71745026
1.3 MJTD 16v (70 kW) Eng.199B1.000	09-	**PA1083**				46815125,46819138,71745026
1.4 (57 kW) Eng.350A1.000	05-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	05-	**PA1030**		•	Imp. Tesma	55204538,55221397
	09-	**PA1030**		•	Imp. Tesma	55204538,55221397
	05-	**KP866-1**		•	Belt:129x22, PA866, Imp. Pierburg	46520401,55183446,55183497,55184081 55186602,55198547,55203785,55205557 55217612,71753156
	-6/08	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717
1.4 16v (66 kW) Eng.192B2.000	04-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	04-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 16v (70 kW) Eng.843A1.000	04-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	04-	**PA1030**		•	Imp. Tesma	55204538,55221397
	-6/08	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717

PA614

PA615

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PA620

PA621

PA629

PA672

PA690

PA693

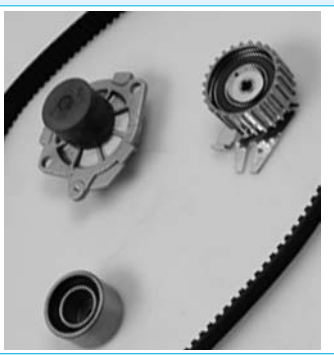
PA866

PA1030

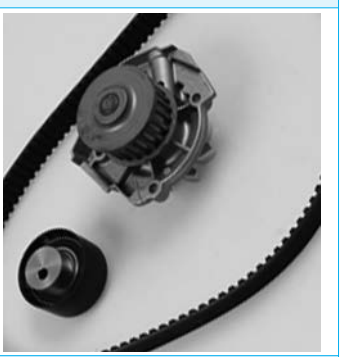
PA1083

PA1085

KP672-1



KP672-3



KP866-2

		GRAF ref.			NOTE	Adaptable for OES
1.6 MJT 16v (88 kW) Eng.350A2.000	08-	**PA1085**		•	+RB	46804051,55209993
1.9 JTD (74 kW) Eng.188B2.000	04-	**PA672**		•		46515970,46515972,60814609
	1/04-	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
Linea (323) '6/07-						
1.3 MJT (66 kW) Eng.199A3.000	07-	**PA1083**				46815125,46819138,71745026
1.3 MJT (70 kW)	09-	**PA1083**				46815125,46819138,71745026
1.4 (57 kW) Eng.350A1.000	07-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	07-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 T-Jet (88 kW) Eng.198A4.000	07-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	07-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.6 MJTD (77 kW) Eng.198A3.000	09-	**PA1085**		•	+RB	46804051,55209993
Marea (185) '9/96-						
1.2 16v (60 kW) Eng.182B2.000	5/99-6/02	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	98-4/99	**PA693**		•		46422512,71713728
1.4 12v (59 kW) Eng.182A3.000	96-97	**PA614**		•	Eng -705144	7762924
	97-	**PA690**		•	Eng 705145-	46515971
1.6 16v (76 kW) Eng.182A4.000	96-	**PA620**	•			46400058,46444355,71716878
	96-	**PA629**			+BH	46400058,46444355
1.6 16v Bipower (76 kW) Eng.186A4.000/185A3.000	96-	**PA620**	•			46400058,46444355,71716878
	96-	**PA629**			+BH	46400058,46444355
1.8 16v (83 kW) Eng.182A2.000	96-	**PA621**		•		60586222,60811328
1.9 JTD 105 (77 kW) Eng.182B4.000	99-1/01	**PA672**		•		46515970,46515972,60814609
	4/99-1/01	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 JTD 110 (81 kW) Eng.186A6.000	01-	**PA672**		•		46515970,46515972,60814609
	1/01-	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 TD 100 (74 kW) Eng.182A7.000	96-02	**PA615**		•	Eng -719176	7762925
	96-02	**PA672**		•	Eng 719177-	46515970,46515972,60814609
1.9 TD 75 (55 kW) Eng.182A8.000	96-02	**PA615**		•	Eng -719176	7762925
	96-02	**PA672**		•	Eng 719177-	46515970,46515972,60814609
2.0 150 20v (110 kW) Eng.185A8.000	1/01-	**PA616**		•		7762926
2.0 155 20v (113 kW) Eng.182B7.000	99-01	**PA616**		•		7762926
2.0 20v (108 kW) Eng.182A1.000	96-4/99	**PA616**		•		7762926
2.4 JTD 130 (96 kW) Eng.839A5.000	99-	**PA672**		•		46515970,46515972,60814609
	99-	**KP672-3**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736795,7762925
2.4 TD 125 (91 kW) Eng.185A2.000	96-99	**PA615**		•	Eng -719176	7762925
	96-99	**PA672**		•	Eng 719177-	46515970,46515972,60814609
Marea (185) Weekend '9/96-						
1.2 16v (60 kW) Eng.182B2.000	5/99-6/02	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	98-4/99	**PA693**		•		46422512,71713728
	5/99-	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717
1.4 12v (59 kW) Eng.182A3.000	96-97	**PA614**		•	Eng -705144	7762924
	97-	**PA690**		•	Eng 705145-	46515971
1.6 16v (76 kW) Eng.182A4.000	96-	**PA620**	•			46400058,46444355,71716878
	96-	**PA629**			+BH	46400058,46444355
1.8 16v (83 kW) Eng.182A2.000	96-	**PA621**		•		60586222,60811328
1.9 JTD 105 (77 kW) Eng.182B4.000	99-1/01	**PA672**		•		46515970,46515972,60814609
	4/99-1/01	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 JTD 110 (81 kW) Eng.186A6.000	01-	**PA672**		•		46515970,46515972,60814609
	1/01-	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 TD 100 (74 kW) Eng.182A7.000	96-02	**PA615**		•	Eng -719176	7762925
	96-02	**PA672**		•	Eng 719177-	46515970,46515972,60814609
1.9 TD 75 (55 kW) Eng.182A8.000	96-02	**PA615**		•	Eng -719176	7762925
	96-02	**PA672**		•	Eng 719177-	46515970,46515972,60814609

PA286A

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PA620

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PA739

PA866

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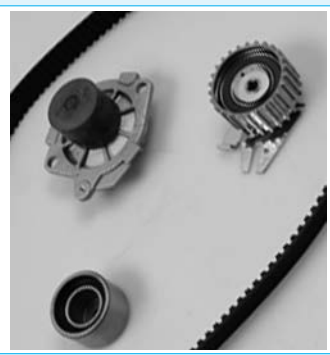
KP286-3

KP672-1



KP672-3

KP739-1

		GRAF ref.			NOTE	Adaptable for OES
2.0 150 20v (110 kW) Eng.185A8.000	1/01-	**PA616**		•		7762926
2.0 155 20v (113 kW) Eng.182B7.000	99-01	**PA616**		•		7762926
2.0 20v (108 kW) Eng.182A1.000	96-4/99	**PA616**		•		7762926
2.4 JTD 130 (96 kW) Eng.839A5.000	99-	**PA672**		•		46515970,46515972,60814609
	99	**KP672-3**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736795,7762925
2.4 TD 125 (91 kW) Eng.185A2.000	96-99	**PA615**		•	Eng -719176	7762925
	96-99	**PA672**		•	Eng 719177-	46515970,46515972,60814609
Multipla (186) '4/99-						
1.6 16v (76 kW) Eng.182A4.000	99-	**PA620**	•			46400058,46444355,71716878
	99-	**PA629**			+BH	46400058,46444355
1.6 16v Bipower (76 kW) Eng.182B6.000	1/01-	**PA620**	•			46400058,46444355,71716878
	1/01-	**PA629**			+BH	46400058,46444355
1.6 16v Bipower (76 kW) Eng.186A4.000	99-	**PA620**	•			46400058,46444355,71716878
	99-	**PA629**			+BH	46400058,46444355
1.6 16v Blupower (70-74 kW) Eng.182B6.000	02-	**PA620**	•			46400058,46444355,71716878
	02-	**PA629**			+BH	46400058,46444355
1.6 16v Blupower (70 kW) Eng.186A3.000	99-	**PA620**	•			46400058,46444355,71716878
	99-	**PA629**			+BH	46400058,46444355
1.9 JTD 105 (77 kW) Eng.182B4.000	99-02	**PA672**		•		46515970,46515972,60814609
	4/99-	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 JTD 110 (81 kW) Eng.186A6.000	01-02	**PA672**		•		46515970,46515972,60814609
	3/01-7/02	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 JTD 115 (85 kW) Eng.186A8.000	02-	**PA672**		•		46515970,46515972,60814609
	7/02-	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 MJT (88 kW) Eng.186A9.000	04-	**PA672**		•		46515970,46515972,60814609
Palio Weekend (178DX) '4/96-						
1.2 (44 kW) Eng.188A4.000	01-	**PA739**		•		46526243,46805736,55184080
	2/01-	**KP739-1**		•	Imp. Pierburg, Belt:129x15, PA739, Eng 9042884-	46526243,46805736,55184080,71736718
1.2 (50 kW) Eng.178E2.000	99-02	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
1.2 (52 kW) Eng.178E9.011	04-	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
1.2 (54 kW) Eng.178B5.000	98-	**PA286A**		•	Eng -9042883	46423351,5973713,71713727,7640163,7691820 7715242
	98-	**PA739**		•	Eng 9042884-	46526243,46805736,55184080
	98-01	**KP739-1**		•	Belt:129x15, PA739, Eng 9042884-	46526243,46805736,55184080,71736718
	98-01	**KP286-3**		•	Belt:108x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.2 16v (59 kW) Eng.188A5.000	01-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	01-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.5 (62 kW) Eng.178E5.022	02-	**PA998**				46527473
1.6 (68-70 kW) Eng.178C7.098/178D2.011	97-03	**PA620**	•			46400058,46444355,71716878
	97-03	**PA629**			+BH	46400058,46444355
1.6 16v (74 kW)	03-05	**PA620**	•			46400058,46444355,71716878
	03-05	**PA629**			+BH	46400058,46444355
1.6 16v (74-76 kW) Eng.178B3.000 / 182B6.000	96-01	**PA620**	•			46400058,46444355,71716878
	96-01	**PA629**			+BH	46400058,46444355
1.7 TD (51 kW) Eng.176A3.000	96-01	**PA553**			Eng -2427907	46445405,71737981,7781232
	96-01	**PA880**			Eng 2427908-	46757573/ 4,71769770
1.9 D (46 kW) Eng.223A6.000	01-	**PA672**		•		46515970,46515972,60814609
1.9 JTD (59 kW) Eng.188A2.000	01-	**PA672**		•		46515970,46515972,60814609
	9/01-	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 JTD (74 kW) Eng.188A2.000	02-	**PA672**		•		46515970,46515972,60814609
Palio/Siena (178BX) '4/96-						
1.0 (45-56 kW) Eng.178A1.000/310A1.011	96-	**PA998**			Exc. Europe	46527473

PA088

PA286A

PA354

PA451

PA553

PA559

PA620

PA629

PA739

PA866

PA880

PA998

KP286-1

KP286-2

KP286-3

KP739-1

KP739-2

		GRAF ref.			NOTE	Adaptable for OES
1.2 (45 kW) Eng.178C4.066/188A4.000	02-04	**PA739**		•	Eng 9042883-	46526243,46805736,55184080
	-99	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
1.2 16v (54 kW) Eng.178B5.000	98-	**PA286A**		•	Eng -9042883	46423351,5973713,71713727,7640163,7691820 7715242
	98-	**PA739**		•	Eng 9042884-	46526243,46805736,55184080
	-8/01	**KP739-1**		•	Belt:129x15, PA739, Eng 9042884-	46526243,46805736,55184080,71736718
	98-01	**KP286-3**		•	Belt:108x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.4 (51 kW) Eng.178B2.000	96-	**PA998**			Exc. Europe	46527473
1.4 Kat (51 kW) Eng.178B2.016	96-	**PA998**			Exc. Europe	46527473
1.5 (57 kW) Eng.350A1.000/178A6.011	96-98	**PA998**			Exc. Europe	46527473
1.6 16v (74-78 kW) Eng.178B3.000	96-	**PA620**	•			46400058,46444355,71716878
	96-	**PA629**			+BH	46400058,46444355
1.7 TD (51 kW) Eng.176A5.000	-10/99	**PA553**				46445405,71737981,7781232
	10/99-	**PA880**				46757573/ 4,71769770
Panda I (141A) '10/80-'7/04						
0.75 (25 kW) Eng.156A4.048	95-97	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	95-97	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
0.75 Fire (25 kW) Eng.156A4.000	86-95	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	86-95	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
0.75, Kat (25 kW) Eng.141B.000	86-95	**PA354**				7617364
0.9 (29 kW) Eng.1170A1.046	92-96	**PA451**				46742168,7724414
0.9 (33 kW) Eng.100GL3.000/146A.000	80-86	**PA088**				4243679,4296890,4384129,5882694,5939200
	87-94	**PA354**				7617364
0.95, 4WD (35 kW) Eng.A112B1.054	82-83	**PA088**				4243679,4296890,4384129,5882694,5939200
1.0 4WD (32 kW) Eng.156A2.100/156A3.100	86-92	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	86-92	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.0 i.e. Kat, 4WD (33 kW) Eng.141C2.000/156A2.246	87-98	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	87-94	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.0, 4WD (37 kW) Eng.156A3.000	86-92	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	86-92	**KP286-2**		•	Belt:104x15, PA286A	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.1, 4WD (37 kW) Eng.156C.046	91-	**PA286A**		•	Eng -9042883	46423351,5973713,71713727,7640163,7691820 7715242
	91-	**PA739**		•	Eng 9042884-	46526243,46805736,55184080
	10/91-7/04	**KP739-2**		•	Imp. Pierburg, Belt:125x15, PA739, Eng 9042884-	46526243,46805736,55184080,71736719 71746353
	91-99	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.1, 4WD (40 kW) Eng.176B2.000/187A1.000	95-	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	95-	**PA739**		•	Eng 9042883-	46526243,46805736,55184080
	2/95-7/04	**KP739-2**		•	Imp. Pierburg, Belt:125x15, PA739, Eng 9042884-	46526243,46805736,55184080,71736719 71746353
	95-03	**KP286-2**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.3 D (27 kW) Eng.156A5.000	86-92	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
Panda II (169) '9/03-						
1.1 (40 kW) Eng.187A1.000	03-	**PA739**		•	Eng -2533528	46526243,46805736,55184080
	03-	**PA866**		•	Imp. Pierburg, Eng 2533529-	46520401,55184081,55186602,55198547 55205557
	9/03-	**KP739-2**		•	Imp. Pierburg, Belt:125x15, PA739, Eng -2533528	46526243,46805736,55184080,71736719 71746353
1.2 (44 kW) Eng.188A4.000	03-	**PA739**		•	Eng -2533528	46526243,46805736,55184080

PA286A

PA693

PA739

PA866

PA1030

PA1083

PA1085

PA1155

KP286-2

KP739-1

KP739-2

KP866-2

		GRAF ref.			NOTE	Adaptable for OES
1.2 (44 kW) Eng.188A4.000	03-	**PA866**		•	Imp. Pierburg, Eng 2533529-	46520401,55184081,55186602,55198547 55205557
	03-	**PA1030**		•	Imp. Tesma, Eng 2533529-	55204538,55221397
	9/03-	**KP739-1**		•	Imp. Pierburg, Belt:129x15, PA739, Eng -2533528	46526243,46805736,55184080,71736718
1.2 4WD (44 kW) Eng.188A4.000	03-	**PA1030**		•	Imp. Tesma, Eng 2533529-	55204538,55221397
	04-	**PA739**		•	Eng -2533528	46526243,46805736,55184080
	04-	**PA866**		•	Imp. Pierburg, Eng 2533529-	46520401,55184081,55186602,55198547 55205557
	10/04-	**KP739-1**		•	Imp. Pierburg, Belt:129x15, PA739, Eng -2533528	46526243,46805736,55184080,71736718
1.2 Bi-Power (44 kW) Eng.188A4.000	07-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.2 LPG (51 kW) Eng.169A4.000	10-	**PA1030**		•		55204538,55221397
1.2 Natural power (38 kW) Eng.188A4000CNG	09-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.2, 4WD (51 kW) Eng.169A4.000	09-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.3 JTD (51-55 kW) Eng.188A8.00/ A9.000	03-	**PA1083**				46815125,46819138,71745026
1.3 MJT 4WD (55 kW) Eng.188A8.000	10-	**PA1083**				46815125,46819138,71745026
1.4 16v (74 kW) Eng.169A3.000	06-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	06-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 8v Natural Power (51 kW) Eng.350A1.000	10-	**PA1030**		•		55204538,55221397
1.4 Bi-/Natural power (57 kW) Eng.350A1.000	10-	**PA1030**		•	Imp. Tesma	55204538,55221397
Panda III (312) '2/12-						
0.9 (48 kW) Eng.312A4.000	12-	**PA1155**				55225394,55233943
0.9 (57-59 kW) Eng.312A2.000	12-	**PA1155**				55225394,55233943
0.9 Natural Power (63 kW) Eng.312A2.000	12-	**PA1155**				55225394,55233943
0.9 Twinair, 4WD (63 kW) Eng.312A2.000	12-	**PA1155**				55225394,55233943
1.2 (51 kW) Eng.169A4.000	12-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.2 Easypower (51 kW) Eng.169A4.000	12-	**PA1030**		•		55204538,55221397
1.3 MJT (55 kW) Eng.169A1.000	12-	**PA1083**				46815125,46819138,71745026
1.3 MJT 4WD (55 kW) Eng.199A9.000	12-	**PA1083**				46815125,46819138,71745026
Punto Evo (199) '10/09-						
0.9 Twinair Turbo (63 kW) Eng.312A2.000	12-	**PA1155**				55225394,55233943
1.2 (48 kW) Eng.199A4.000	09-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.2 (51 kW) Eng.169A4.000	09-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.2 LPG (51 kW) Eng.199A4.000	08-	**PA1030**		•		55204538,55221397
1.3 MJT (51 kW) Eng.199B2.000	09-	**PA1083**				46815125,46819138,71745026
1.3 MJT (55 kW) Eng.199A2.000/199A9.000	09-	**PA1083**				46815125,46819138,71745026
1.3 MJT (62 kW) Eng.223A9.000	09-	**PA1083**				46815125,46819138,71745026
1.3 MJT (66 kW) Eng.199A3.000	09-	**PA1083**				46815125,46819138,71745026
1.3 MJT (70 kW) Eng.199B1.000	09-	**PA1083**				46815125,46819138,71745026
1.4 (55 kW) Eng.199A7.000	09-	**PA1030**		•		55204538,55221397
1.4 (57 kW) Eng.350A1.000	09-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 16v T. MultiAir (99 kW) Eng.955A2.000	09-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 Abarth (120 kW) Eng.955A8.000	09-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 Abarth (132 kW) Eng.199A8.000/955A8.000	08-12	**PA1030**		•		55204538,55221397
1.4 LPG (57 kW) Eng.350A1.000	09-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 MultiAir (77 kW) Eng.955A6.000	09-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.6 MJT (88 kW) Eng.955A3.000	09-	**PA1085**		•	+RB	46804051,55209993
Punto I (176,C), Cabrio '9/93-'9/99						
1.1 (40 kW) Eng.176A6.000/176B2.000	93-3/99	**PA286A**		•	Eng -9042883	46423351,5973713,71713727,7640163,7691820 7715242
	93-99	**PA739**		•	Eng 9042884-	46526243,46805736,55184080
	9/93-9/99	**KP739-2**		•	Belt:125x15, PA739, Eng 9042884-	46526243,46805736,55184080,71736719 71746353
	93-99	**KP286-2**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.2 16v, Cabrio (63 kW) Eng.176B9.000	4/99-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	97-3/99	**PA693**		•		46422512,71713728
	5/99-	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717
1.2 60, Cabrio (43 kW) Eng.176A7.000	4/99-	**PA739**		•	Eng 9042884-	46526243,46805736,55184080

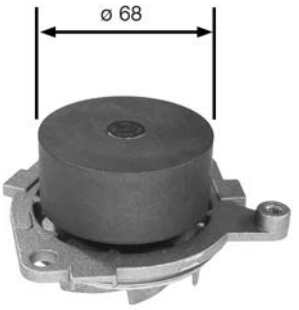
PA286A

PA552

PA553

PA601

PA621



PA631

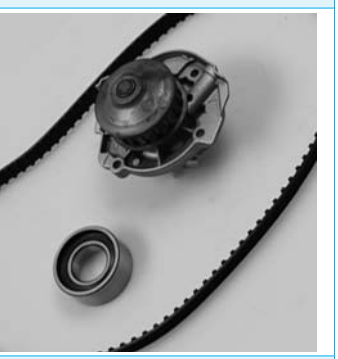
PA672

PA739

PA866

PA1030

PA1083



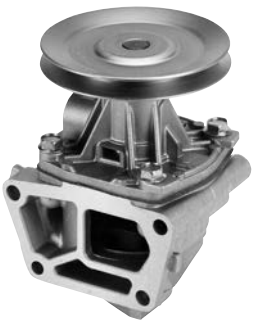
KP286-3

KP672-1

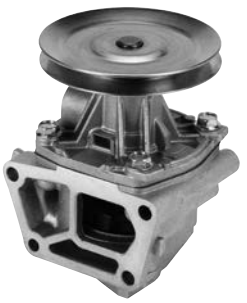
KP739-1

KP866-2

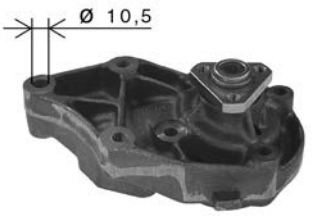
		GRAF ref.			NOTE	Adaptable for OES
1.2 60, Cabrio (43 kW) Eng.176A7.000	94-3/99	**PA286A**		•	Eng -9042883	46423351,5973713,71713727,7640163,7691820 7715242
	1/94-9/99	**KP739-1**		•	Belt:129x15, PA739, Eng 9042884-	46526243,46805736,55184080,71736718
	94-99	**KP286-3**		•	Belt:108x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.2 60, Cabrio (44 kW) Eng.176B1.000/176B4.000	4/99-	**PA739**		•	Eng 9042884-	46526243,46805736,55184080
	94-3/99	**PA286A**		•	Eng -9042883	46423351,5973713,71713727,7640163,7691820 7715242
	3/94-9/99	**KP739-1**		•	Belt:129x15, PA739, Eng 9042884-	46526243,46805736,55184080,71736718
	94-99	**KP286-3**		•	Belt:108x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.2 75 (54 kW) Eng.176A8.000	4/99-	**PA739**		•	Eng 9042884-	46526243,46805736,55184080
	94-3/99	**PA286A**		•	Eng -9042883	46423351,5973713,71713727,7640163,7691820 7715242
	1/94-9/99	**KP739-1**		•	Belt:129x15, PA739, Eng 9042884-	46526243,46805736,55184080,71736718
	94-99	**KP286-3**		•	Belt:108x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.4 GT T. (96 kW) Eng.176B6.000	96-99	**PA552**	•			46410549,46437912/ 6,71716893,71737979 7750698
1.4 GT T. (98 kW) Eng.176A4.000	94-96	**PA552**	•			46410549,46437912/ 6,71716893,71737979 7750698
	94-96	**PA601**			+BH	46410549,46437912/ 6,7750698
1.6 90, Cabrio (65 kW) Eng.176A9.000	94-97	**PA552**	•			46410549,46437912/ 6,71716893,71737979 7750698
	94-97	**PA601**			+BH	46410549,46437912/ 6,7750698
1.7 D (42 kW) Eng.176B3.000	94-97	**PA553**				46445405,71737981,7781232
1.7 TD (52 kW) Eng.176A5.000	94-99	**PA553**			Eng -2427907	46445405,71737981,7781232
1.7 TD, TDs (46 kW) Eng.176B7.000	96-99	**PA553**				46445405,71737981,7781232
1.7 TD, TDs (51 kW) Eng.176A3.000	94-99	**PA553**				46445405,71737981,7781232
Punto II (188) '9/99-'7/03						
1.2 (44 kW) Eng.188A4.000	99-03	**PA739**		•		46526243,46805736,55184080
	-10/02	**KP739-1**		•	Imp. Pierburg, Belt:129x15, PA739	46526243,46805736,55184080,71736718
1.2 16v (59 kW) Eng.188A5.000	99-03	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	9/99-7/03	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717
1.8 HGT (96 kW) Eng.183A1.000/188A6.000	99-03	**PA621**		•		60586222,60811328
1.9 DS 60 (44 kW) Eng.188A3.000	99-03	**PA672**		•		46515970,46515972,60814609
1.9 JTD (59 kW) Eng.188A2.000	99-03	**PA672**		•		46515970,46515972,60814609
	9/99-7/03	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 JTD (63 kW) Eng.188A7.000	01-03	**PA672**		•		46515970,46515972,60814609
	1/01-12/03	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
Punto III (188) '6/03-						
1.2 16v (59 kW) Eng.188A5.000	03-05	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
1.2 8v (44 kW) Eng.188A4.000	03-05	**PA739**		•	Eng -2533528	46526243,46805736,55184080
	03-05	**PA866**		•	Imp. Pierburg, Eng 2533529-	46520401,55184081,55186602,55198547 55205557
	03-05	**PA1030**		•	Imp. Tesma, Eng 2533529-	55204538,55221397
	03-05	**KP739-1**		•	Imp. Pierburg, Belt:129x15, PA739, Eng -2533528	46526243,46805736,55184080,71736718
1.2 Natural Power (44 kW) Eng.188A4.000	03-05	**PA739**		•	Eng -2533528	46526243,46805736,55184080
	03-05	**PA866**		•	Imp. Pierburg, Eng 2533529-	46520401,55184081,55186602,55198547 55205557
	03-05	**PA1030**		•	Imp. Tesma, Eng 2533529-	55204538,55221397
	9/03-	**KP739-1**		•	Imp. Pierburg, Belt:129x15, PA739, Eng -2533528	46526243,46805736,55184080,71736718
1.3 JTD (51 kW) Eng.188A9.000	03-05	**PA1083**				46815125,46819138,71745026
1.4 16v (70 kW) Eng.843A1.000	03-05	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	9/03-	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717
1.8 16v (96 kW) Eng.188A6.000	03-05	**PA631**		•		60816231
1.9 JTD (63 kW) Eng.188A7.000	01-05	**PA672**		•		46515970,46515972,60814609
1.9 JTD (74 kW) Eng.188B2.000	03-05	**PA672**		•		46515970,46515972,60814609



PA285



PA394



PA416

PA554

PA585

PA596

KP672-1

KIT291

		GRAF ref.			NOTE	Adaptable for OES
1.9 JTD (74 kW) Eng.188B2.000	6/03-	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
						Regata (138) '9/83-'12/90
1.1 60 (44 kW) Eng.138B.000	83-90	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	83-90	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.3 70 (48 kW) Eng.149A3.000/149A7.000	83-86	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	83-86	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
	86-89	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	86-89	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.3 70 (50 kW) Eng.138B2.000	83-86	**PA596**	•		+Air	5924366,5990701,7633560,7671810
	83-86	**PA554**	•		M/T+A/T	4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	83-86	**PA394**			+BH, M/T+A/T	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.5 75 (55 kW) Eng.138B3.048	83-85	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	83-85	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.5 75 (55 kW) Eng.138C3.048	86-87	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	86-87	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
1.5 85 (58 kW) Eng.149A5.000	85-87	**PA596**	•		+Air	5924366,5990701,7633560,7671810
1.5 85 (60 kW) Eng.138B3.000	83-85	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	83-85	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.5 i.e. 75 (55 kW) Eng.138C2.048/149C1.000	85-86	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	85-86	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
	86-89	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	86-89	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.9 D 65 (48 kW) Eng.149A1.000	84-86	**KIT291**			Eng -7380450, +PS, +Air	-
1.9 TD 80 (59 kW) Eng.831D1.000	86-89	**KIT291**			+Air	-
2.0 Twin-Cam	88-90	**PA416**				7616151
						Regata Weekend '1/84-'12/90
1.3 70 (50 kW) Eng.138B2.000	84-89	**PA596**	•		+Air	5924366,5990701,7633560,7671810
	84-89	**PA554**	•		M/T+A/T	4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	84-89	**PA394**			+BH, M/T+A/T	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974

PA159

PA269

PA285

PA394

PA554

PA559

PA585

PA596

KIT291

		GRAF ref.			NOTE	Adaptable for OES
1.5 75 (55 kW) Eng.138C3.048	84-86	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	84-86	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
	86-89	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	86-89	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
1.5 85 (60 kW) Eng.138C3.000	84-86	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	84-86	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
	86-89	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	86-89	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
1.5 i.e. 75 Kat (55 kW) Eng.138C2.048	86-89	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	86-89	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	86-89	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
	86-89	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.9 D 65 (48 kW) Eng.149A1.000	84-86	**KIT291**			Eng -7380450, +PS, +Air	-
1.9 TD 80 (59 kW) Eng.831D1.000	86-89	**KIT291**			+Air	-
Ritmo Bertone Cabrio '1/80-'7/89						
1.3 50 (50 kW) Eng.138B2.000	85-87	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	85-87	**PA596**	•		+Air	5924366,5990701,7633560,7671810
	85-87	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.5 85 (60 kW) Eng.138B3.000	83-86	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	83-86	**PA596**	•		+Air	5924366,5990701,7633560,7671810
	83-86	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
1.5 85 (63 kW) Eng.138A4.000	80-89	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	80-89	**PA596**	•		+Air	5924366,5990701,7633560,7671810
	80-89	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
1.6 100 (74 kW) Eng.138AR.048	-85	**PA269**				4466193
1.6 100 (77 kW) Eng.138AR.000	-85	**PA269**				4466193
Ritmo I (138A) '1/78-'12/87						
1.0 (44 kW) Eng.127A6.000	78-82	**PA159**				-
	78-82	**PA559**			+RB	4336009,5882691,5890406,71719668,7173796 0
1.3 (55 kW) Eng.138A3.000	81-82	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	81-82	**PA596**	•		+Air	5924366,5990701,7633560,7671810
	81-82	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974

PA230

PA269

PA285

PA394

PA554

PA585

PA596

		GRAF ref.			NOTE	Adaptable for OES
1.3 65 (48 kW) Eng.138A1.000	78-82	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	78-82	**PA596**	•		+Air	5924366,5990701,7633560,7671810
	78-82	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.3 70 (45 kW) Eng.149A3.000/149A7.000	83-85	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	83-85	**PA596**	•		+Air	5924366,5990701,7633560,7671810
	83-85	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.5 (55-63 kW) Eng.138A2.000	78-82	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	78-82	**PA596**	•		+Air	5924366,5990701,7633560,7671810
	78-82	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
1.5 75 (55 kW) Eng.138C3.048	78-82	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	78-82	**PA596**	•		+Air	5924366,5990701,7633560,7671810
	78-82	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
1.5 85 (63 kW) Eng.138A4.000	81-82	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	81-82	**PA596**	•		+Air	5924366,5990701,7633560,7671810
	81-82	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
1.5 i.e. 75 (55 kW) Eng.138C2.048/149C1.000	85-87	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	85-87	**PA596**	•		+Air	5924366,5990701,7633560,7671810
	85-87	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
1.6 105 (77 kW) Eng.138AR.000	81-82	**PA269**				4466193
1.6 i.e. 90 (66 kW) Eng.149C2.000	-85	**PA269**				4466193
1.7 D 55 (40-43 kW) Eng.138A5.000/138B5.000	79-82	**PA230**				4364117,5984047
2.0 TC Abarth (92 kW) Eng.138AR1.000	81-82	**PA269**				4466193
Ritmo II (138A) '10/82-'12/88						
1.1 60 (40 kW) Eng.138B.000/138B1.000	82-83	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	82-83	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
	83-85	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	83-85	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
1.1 60 (43 kW) Eng.146A4.048	85-87	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	85-87	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.3 70 (50 kW) Eng.138B2.000	83-85	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	83-85	**PA596**	•		+Air	5924366,5990701,7633560,7671810
	83-85	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.5 75 (55 kW) Eng.138A4.000	85-88	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	85-88	**PA596**	•		+Air	5924366,5990701,7633560,7671810

PA230

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PA286A

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PA596

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PA739

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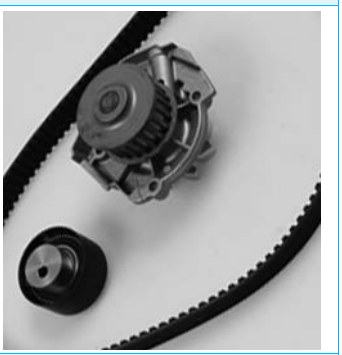
KP286-2

KP672-2

KP739-2



KP866-2

		GRAF ref.			NOTE	Adaptable for OES
1.5 75 (55 kW) Eng.138A4.000	85-88	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
1.5 85 (58 kW) Eng.149A5.000	85-87	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	85-87	**PA596**	•		+Air	5924366,5990701,7633560,7671810
	85-87	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
1.5 85 (60 kW) Eng.138B3.000	83-87	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	83-87	**PA596**	•		+Air	5924366,5990701,7633560,7671810
	83-87	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
1.5 i.e. 75 (55 kW) Eng.138C2.048/149C1.000	85-88	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	85-88	**PA596**	•		+Air	5924366,5990701,7633560,7671810
	85-88	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
1.6 105 (77 kW) Eng.138AR.000	83-87	**PA269**				4466193
1.7 D 60 (43 kW) Eng.138B6.000	82-83	**PA230**				4364117,5984047
2.0 TC Abarth (92 kW) Eng.138AR2.000	82-87	**PA269**				4466193
2.0 TC Abarth (96 kW) Eng.138AR2.000	83-87	**PA269**				4466193
Sedici (189) '1/06-						
1.6 16v , 4WD (88 kW) Eng.M16A	09-	**PA946**				71742124
1.6 16v 4WD (79 kW) Eng.M16A	06-	**PA946**				71742124
1.9 MJT, 4WD (88 kW) Eng.D19AA	06-	**PA672**		•		46515970,46515972,60814609
	06-	**KP672-2**		•	Belt:190x24, PA672	46515970,46515972,46791188,55183527 55187100,55191315,55192323/ 896,55200441 55212159,60813592,71747799,7778565
2.0 MJT 16v, 4WD (99 kW) Eng.D20AA	09-	**PA1085**		•	+RB	46804051,55209993
Seicento (187) '1/98-						
0.9 (29 kW) Eng.1170A1.046	98-	**PA451**				46742168,7724414
1.1 (40 kW) Eng.176B2.000/187A1.000	04-	**PA739**		•	Eng -2543171	46526243,46805736,55184080
	04-	**PA866**		•	Imp. Pierburg, Eng 2543171-	46520401,55184081,55186602,55198547 55205557
	04-	**PA1030**		•	Imp. Tesma, Eng 2543171-	55204538,55221397
	4/99-04	**PA739**		•	Eng 9042884-	46526243,46805736,55184080
	98-3/99	**PA286A**		•	Eng -9042883	46423351,5973713,71713727,7640163,769182 0 7715242
	1/98-	**KP739-2**		•	Imp. Pierburg, Belt:125x15, PA739, Eng 9042884-	46526243,46805736,55184080,71736719 71746353
	98-	**KP286-2**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
Stilo (192), MultiWagon '10/01-						
1.2 16v (Exc. SW) (59 kW) Eng.188A5.000	02-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	2/02-	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717
1.4 16v (66 kW) Eng.192B2.000	07-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	07-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 16v (70 kW) Eng.843A1.000	04-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	04-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.6 16v (76 kW) Eng.182B6.000	01-	**PA620**	•			46400058,46444355,71716878
	01-	**PA629**			+BH	46400058,46444355
1.6 16V (77 kW) Eng.192B3.000	05-	**PA959**				71739779

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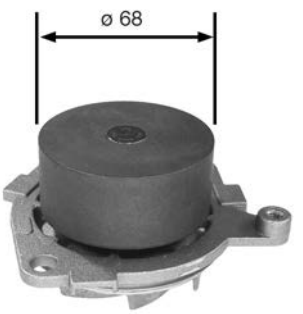
PA630

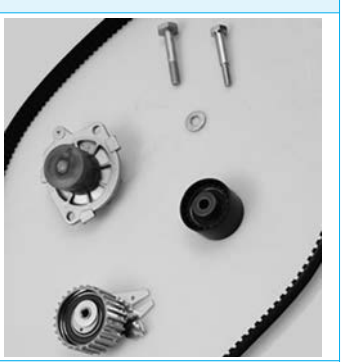


PA631

PA672

PA727

PA1085



KP672-1

KP1085-1

KP1085-2

		GRAF ref.			NOTE	Adaptable for OES
1.8 (84 kW) Eng.93337154-J1	05-	**PA727**		•	Brasil	-
1.8 (90 kW) Eng.PN93327669	04-	**PA727**		•	Brasil	-
1.8 16v (98 kW) Eng.192A4.000	01-	**PA631**		•		60816231
1.9 JTD (103 kW) Eng.192A5.000	04-	**PA1085**		•	+RB	46804051,55209993
	04-	**KP1085-2**		•	Belt:199x24, PA1085	46804051,55209993
1.9 JTD (59 kW) Eng.192A3.000	02-	**PA672**		•		46515970,46515972,60814609
	2/02-	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 JTD (85 kW) Eng.192A1.000/937A7.000	01-	**PA672**		•		46515970,46515972,60814609
	10/01-	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 JTD (Belgium) (100 kW) Eng.192B1.000	04-	**PA1085**		•	+RB	46804051,55209993
	04-	**KP1085-2**		•	Belt:199x24, PA1085	46804051,55209993
1.9 JTD (France) (93 kW) Eng.937A4.000	03-	**PA1085**		•	+RB	46804051,55209993
	03-	**KP1085-1**		•	Eng.Euro 3, Belt:198x24, PA1085	46804051,55209993
1.9 MJT (110 kW) Eng.937A5.000	05-	**PA1085**		•	+RB	46804051,55209993
	9/05-	**KP1085-2**		•	Belt:199x24, PA1085	46804051,55209993
1.9 MJT (74 kW) Eng.192A9.000	05-	**PA672**		•		46515970,46515972,60814609
	9/05-	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 MJT (88 kW) Eng.192A8.000	05-	**PA672**		•		46515970,46515972,60814609
2.4 20v (Exc. SW) (125 kW) Eng.192A2.000	01-	**PA616**		•		7762926
						Tempra (159) '3/90-'8/96
1.4 i.e. (51 kW) Eng.160A1.046	92-93	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	92-93	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	93-96	**PA598**	•		Eng -9336692	7635148,7651586,7691047,7770038,7784979
	93-96	**PA599**	•		Eng -9336692, +PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	93-96	**PA626**	•		Eng 9336693-	46437911,7752928
	93-96	**PA552**	•		Eng 9336693-, +PS, +Air	46410549,46437912/ 6,71716893,71737979 7750698
	93-96	**PA398**			+BH, Eng -9336692	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
	93-96	**PA630**			+BH, Eng 9336693-	46437911,7752928
	93-96	**PA601**			+BH, Eng 9336693-, +PS, +Air	46410549,46437912/ 6,7750698
1.4 i.e. (52 kW) Eng.836A4.000	92-93	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	92-93	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	93-96	**PA598**	•		Eng -9336692	7635148,7651586,7691047,7770038,7784979
	93-96	**PA599**	•		Eng -9336692, +PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	93-96	**PA626**	•		Eng 9336693-	46437911,7752928
	93-96	**PA552**	•		Eng 9336693-, +PS, +Air	46410549,46437912/ 6,71716893,71737979 7750698
	93-96	**PA398**			+BH, Eng -9336692	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
	93-96	**PA630**			+BH, Eng 9336693-	46437911,7752928
	93-96	**PA601**			+BH, Eng 9336693-, +PS, +Air	46410549,46437912/ 6,7750698
1.4 i.e. (57 kW) Eng.159A2.000	91-93	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	91-93	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	93-96	**PA598**	•		Eng -9336692	7635148,7651586,7691047,7770038,7784979
	93-96	**PA599**	•		Eng -9336692, +PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	93-96	**PA626**	•		Eng 9336693-	46437911,7752928
	93-96	**PA552**	•		Eng 9336693-, +PS, +Air	46410549,46437912/ 6,71716893,71737979 7750698
	93-96	**PA398**			+BH, Eng -9336692	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
	93-96	**PA630**			+BH, Eng 9336693-	46437911,7752928
	93-96	**PA601**			+BH, Eng 9336693-, +PS, +Air	46410549,46437912/ 6,7750698
1.6 (63 kW) Eng.159A3.000	90-93	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	90-93	**PA598**	•		+Air	7635148,7651586,7691047,7770038,7784979
	90-93	**PA623**	•		+PS	71719665,7720988,7737201,7784987
	90-93	**PA599**	•		Eng -9336692, +PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	90-93	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975

PA365

PA366

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PA397

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		GRAF ref.			NOTE	Adaptable for OES
1.6 (63 kW) Eng.159A3.000	90-93	**PA398**			+BH, +Air	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
1.6 i.e. (55 kW) Eng.159A3.048/835C1.000	92-93	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	92-93	**PA598**	•		+Air	7635148,7651586,7691047,7770038,7784979
	92-93	**PA623**	•		+PS	71719665,7720988,7737201,7784987
	92-93	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	92-93	**PA398**			+BH, +Air	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
	93-96	**PA599**	•		Eng -9336692, +PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	93-96	**PA552**	•		Eng 9336693-, +PS, +Air	46410549,46437912/ 6,71716893,71737979 7750698
	93-96	**PA601**			+BH, Eng 9336693-, +PS, +Air	46410549,46437912/ 6,7750698
1.6 i.e. (57 kW) Eng.159A3.046	90-93	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	90-93	**PA598**	•		+Air	7635148,7651586,7691047,7770038,7784979
	90-93	**PA623**	•		+PS	71719665,7720988,7737201,7784987
	90-93	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	90-93	**PA398**			+BH, +Air	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
	93-96	**PA599**	•		Eng -9336692, +PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	93-96	**PA552**	•		Eng 9336693-, +PS, +Air	46410549,46437912/ 6,71716893,71737979 7750698
	93-96	**PA601**			+BH, Eng 9336693-, +PS, +Air	46410549,46437912/ 6,7750698
1.6 i.e. (63-66 kW) Eng.159B9.000	94-96	**PA623**	•		+PS	71719665,7720988,7737201,7784987
1.8 i.e. (66 kW) Eng.835C4.000	93-96	**PA497**				71737967,7701137,7783006
1.8 i.e. (74 kW) Eng.836A5.000	94-96	**PA497**				71737967,7701137,7783006
1.8 i.e. (76 kW) Eng.835C2.000	93-96	**PA497**				71737967,7701137,7783006
1.8 i.e. (77 kW) Eng.159A4.046	92-93	**PA372**				7589065
	93-96	**PA497**				71737967,7701137,7783006
1.9 D (48 kW) Eng.160A7.000	91-96	**PA605A**			+PS	46407766,71737975,7648451,7692555,771505 1
1.9 TD (59 kW) Eng.160B6.046	92-96	**PA365**			Eng -1071902, +PS, +Air	5896818/ 9,7629033,7631379,7693570 7696226
	92-96	**PA659**			Eng 1071903-	5896820/ 1/ 2,71737987,7694408
1.9 TD (66 kW) Eng.160A6.000/160D1.000	90-96	**PA365**			Eng -1071902, +PS, +Air	5896818/ 9,7629033,7631379,7693570 7696226
	90-96	**PA659**			Eng 1071903-	5896820/ 1/ 2,71737987,7694408
2.0 i.e., 4WD (83 kW) Eng.159A6.046	7/91-96	**PA497**				71737967,7701137,7783006
	90-6/91	**PA397**				5894394,7635180,7694229
Tempra (159) SW '3/90-'8/96						
1.4 i.e. (51 kW) Eng.160A1.046/836A4.000	92-93	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	92-93	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	93-96	**PA598**	•		Eng -9336692	7635148,7651586,7691047,7770038,7784979
	93-96	**PA599**	•		Eng -9336692, +PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	93-96	**PA626**	•		Eng 9336693-	46437911,7752928
	93-96	**PA552**	•		Eng 9336693-, +PS, +Air	46410549,46437912/ 6,71716893,71737979 7750698
	93-96	**PA398**			+BH, Eng -9336692	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
	93-96	**PA630**			+BH, Eng 9336693-	46437911,7752928
	93-96	**PA601**			+BH, Eng 9336693-, +PS, +Air	46410549,46437912/ 6,7750698
1.4 i.e. (52 kW) Eng.836A4.000	92-93	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	92-93	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	93-96	**PA598**	•		Eng -9336692	7635148,7651586,7691047,7770038,7784979
	93-96	**PA599**	•		Eng -9336692, +PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	93-96	**PA626**	•		Eng 9336693-	46437911,7752928
	93-96	**PA552**	•		Eng 9336693-, +PS, +Air	46410549,46437912/ 6,71716893,71737979 7750698
	93-96	**PA398**			+BH, Eng -9336692	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
	93-96	**PA630**			+BH, Eng 9336693-	46437911,7752928
	93-96	**PA601**			+BH, Eng 9336693-, +PS, +Air	46410549,46437912/ 6,7750698
1.4 i.e. (57 kW) Eng.159A2.000	91-93	**PA566**	•			7630343,7691048,7719918,7737257,7784975

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KP286-1

		GRAF ref.			NOTE	Adaptable for OES
1.4 i.e. (57 kW) Eng.159A2.000	91-93	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	93-96	**PA598**	•		Eng -9336692	7635148,7651586,7691047,7770038,7784979
	93-96	**PA599**	•		Eng -9336692, +PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	93-96	**PA626**	•		Eng 9336693-	46437911,7752928
	93-96	**PA552**	•		Eng 9336693-, +PS, +Air	46410549,46437912/ 6,71716893,71737979 7750698
	93-96	**PA398**			+BH, Eng -9336692	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
	93-96	**PA630**			+BH, Eng 9336693-	46437911,7752928
	93-96	**PA601**			+BH, Eng 9336693-, +PS, +Air	46410549,46437912/ 6,7750698
1.6 (63 kW) Eng.159A3.000	90-93	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	90-93	**PA598**	•		+Air	7635148,7651586,7691047,7770038,7784979
	90-93	**PA623**	•		+PS	71719665,7720988,7737201,7784987
	90-93	**PA599**	•		Eng -9336692, +PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	90-93	**PA552**	•		Eng 9336693-, +PS, +Air	46410549,46437912/ 6,71716893,71737979 7750698
	90-93	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	90-93	**PA398**			+BH, +Air	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
1.6 i.e. (55 kW) Eng.159A3.048/835C1.000	92-93	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	92-93	**PA598**	•		+Air	7635148,7651586,7691047,7770038,7784979
	92-93	**PA623**	•		+PS	71719665,7720988,7737201,7784987
	92-93	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	92-93	**PA398**			+BH, +Air	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
	93-96	**PA599**	•		Eng -9336692, +PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	93-96	**PA552**	•		Eng 9336693-, +PS, +Air	46410549,46437912/ 6,71716893,71737979 7750698
	93-96	**PA601**			+BH, Eng 9336693-, +PS, +Air	46410549,46437912/ 6,7750698
1.6 i.e. (57 kW) Eng.159A3.046/835C1.000	90-93	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	90-93	**PA598**	•		+Air	7635148,7651586,7691047,7770038,7784979
	90-93	**PA623**	•		+PS	71719665,7720988,7737201,7784987
	90-93	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	90-93	**PA398**			+BH, +Air	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
	93-96	**PA599**	•		Eng -9336692, +PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	93-96	**PA552**	•		Eng 9336693-, +PS, +Air	46410549,46437912/ 6,71716893,71737979 7750698
	93-96	**PA601**			+BH, Eng 9336693-, +PS, +Air	46410549,46437912/ 6,7750698
1.6 i.e. (63-66 kW) Eng.159B9.000	94-96	**PA623**	•		+PS	71719665,7720988,7737201,7784987
1.8 i.e. (66 kW) Eng.835C4.000	93-96	**PA497**				71737967,7701137,7783006
1.8 i.e. (74 kW) Eng.836A5.000	94-96	**PA497**				71737967,7701137,7783006
1.8 i.e. (76 kW) Eng.835C2.000	93-96	**PA497**				71737967,7701137,7783006
1.8 i.e. (77 kW) Eng.159A4.046	92-96	**PA497**				71737967,7701137,7783006
1.9 D (48 kW) Eng.160A7.000	91-96	**PA605A**			+PS	46407766,71737975,7648451,7692555,7715051
1.9 TD (59 kW) Eng.160B6.046	92-96	**PA365**			Eng -1071902, +PS, +Air	5896818/ 9,7629033,7631379,7693570 7696226
	92-96	**PA659**			Eng 1071903-	5896820/ 1/ 2,71737987,7694408
1.9 TD (66 kW) Eng.160A6.000/160D1.000	90-96	**PA365**			Eng -1071902, +PS, +Air	5896818/ 9,7629033,7631379,7693570 7696226
	90-96	**PA659**			Eng 1071903-	5896820/ 1/ 2,71737987,7694408
2.0 i.e., 4WD (83 kW) Eng.159A6.046	7/91-96	**PA497**				71737967,7701137,7783006
	90-6/91	**PA397**				5894394,7635180,7694229
Tipo (160) '7/87-'8/96						
1.1 (41 kW) Eng.160A3.000	88-91	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	88-91	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.4 (52 kW) Eng.160A1.000/160A1.048	87-89	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	87-89	**PA598**	•		+Air	7635148,7651586,7691047,7770038,7784979
	87-89	**PA623**	•		+PS	71719665,7720988,7737201,7784987

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		GRAF ref.			NOTE	Adaptable for OES
1.4 (52 kW) Eng.160A1.000/160A1.048	87-89	**PA599**	•		+PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	87-89	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	87-89	**PA398**			+BH, +Air	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
1.4 i.e. (51 kW) Eng.160A1.046/836A4.000	89-95	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	89-95	**PA598**	•		+Air	7635148,7651586,7691047,7770038,7784979
	89-95	**PA623**	•		+PS	71719665,7720988,7737201,7784987
	89-95	**PA599**	•		+PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	89-95	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	89-95	**PA398**			+BH, +Air	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
1.4 i.e. (57 kW) Eng.159A2.000	89-95	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	89-95	**PA598**	•		+Air	7635148,7651586,7691047,7770038,7784979
	89-95	**PA623**	•		+PS	71719665,7720988,7737201,7784987
	89-95	**PA599**	•		+PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	89-95	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	89-95	**PA398**			+BH, +Air	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
1.6 (61 kW) Eng.160A2.000	88-91	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	88-91	**PA598**	•		+Air	7635148,7651586,7691047,7770038,7784979
	88-91	**PA623**	•		+PS	71719665,7720988,7737201,7784987
	88-91	**PA599**	•		+PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	88-91	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	88-91	**PA398**			+BH, +Air	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
1.6 i.e. (55 kW) Eng.159A3.048/835C1.000	92-95	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	92-95	**PA598**	•		+Air	7635148,7651586,7691047,7770038,7784979
	92-95	**PA623**	•		+PS	71719665,7720988,7737201,7784987
	92-95	**PA599**	•		+PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	92-95	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	92-95	**PA398**			+BH, +Air	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
1.6 i.e. (57 kW) Eng.159A3.046	90-93	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	90-93	**PA598**	•		+Air	7635148,7651586,7691047,7770038,7784979
	90-93	**PA623**	•		+PS	71719665,7720988,7737201,7784987
	90-93	**PA599**	•		+PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	90-93	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
	90-93	**PA398**			+BH, +Air	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
1.6 i.e. (66 kW) Eng.149C2.046	88-91	**PA372**				7589065
1.7 D (43-45 kW) Eng.149B4.000	88-95	**PA624**				46407762,7555039,7626604,7692552
1.8 i.e (71 kW) Eng.836A5.000	93-95	**PA497**				71737967,7701137,7783006
1.8 i.e. (66 kW) Eng.835C4.000	93-95	**PA497**				71737967,7701137,7783006
1.8 i.e. (74 kW) Eng.159A4.000	94-95	**PA497**				71737967,7701137,7783006
1.8 i.e. (76 kW) Eng.835C2.000	93-95	**PA497**				71737967,7701137,7783006
1.8 i.e. (77-81 kW) Eng.159A4.046	90-93	**PA497**				71737967,7701137,7783006
1.8 i.e.16v Sport (100 kW) Eng.160A5.000	89-92	**PA372**				7589065
1.9 D (48 kW) Eng.160A7.000	91-96	**PA605A**				46407766,71737975,7648451,7692555,7715051
1.9 TD (59 kW) Eng.160B6.046	92-93	**PA659**			toyoda, +PS	5896820/ 1/ 2,71737987,7694408
	92-93	**PA365**			ZF, +PS, +Air	5896818/ 9,7629033,7631379,7693570 7696226
1.9 TD (66 kW) Eng.160A6.000/160A6.048/160D1.000	90-93	**PA365**			ZF, +PS, +Air	5896818/ 9,7629033,7631379,7693570 7696226
	93-95	**PA659**			toyoda, +PS	5896820/ 1/ 2,71737987,7694408
2.0 16v (102-104 kW) Eng.836A3.000/836A3.001	93-95	**PA496**				60810426,71737965,7708187,7747388
2.0 16v (107 kW) Eng.160A8.046	91-95	**PA399**				7609204,7661811,7695555/ 9,7747386
2.0 i.e. (80 kW) Eng.159A5.046	7/91-92	**PA497**				71737967,7701137,7783006
	90-6/91	**PA397**				5894394,7635180,7694229
2.0 i.e., 4WD (83 kW) Eng.159A6.046	7/91-95	**PA497**				71737967,7701137,7783006
	90-6/91	**PA397**				5894394,7635180,7694229

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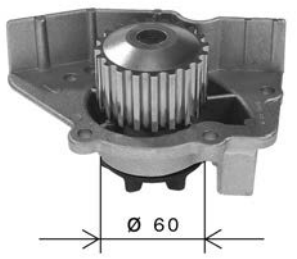

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KP286-2

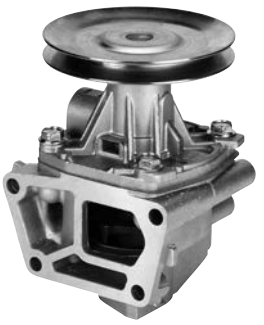
KP747-1

KP747-4

		GRAF ref.			NOTE	Adaptable for OES
Ulysse I (220) '6/94-'8/02						
1.8 (73 kW) Eng.LFW	97-02	**PA348**		•		9565656788
1.9 TD (66 kW) Eng.DHX(XUD9TF-L)	95-02	**PA911**		•		71739137,9627667988
2.0 (89 kW) Eng.RFU(XU10J2C)	94-02	**PA391**		•		9565095580,9566945680/ 88,9567521488 9627667988
2.0 16v (100 kW) Eng.RFN(EW10J4)	00-02	**PA862**	•	•	Only plastic BH Version	9640601280,9654531880
2.0 16v (97 kW) Eng.RFV(XU10J4R)	98-00	**PA641**		•		9566950080
2.0 JTD (80 kW) Eng.RHZ(DW10ATED)	99-02	**PA747**		•		9569147388
	10/99-8/02	**KP747-1**		•	Belt:141x25,4 , PA747	9400831409/ 629/ 789/ 829,9569147388
2.0 JTD (81 kW) Eng.RHW(DW10ATED4)	99-02	**PA747**		•		9569147388
2.0 T. (108 kW) Eng.RGX(XU10J2CTE)	94-02	**PA391**		•		9565095580,9566945680/ 88,9567521488 9627667988
2.1 TD (80 kW) Eng.P8C	96-99	**PA542**	•	•		9569623880,9604708880,9629110980
Ulysse II (179AX) '8/02-						
2.0 (100 kW) Eng.RFN(EW10J4)	02-	**PA862**	•	•	Only plastic BH Version	9640601280,9654531880
	02-	**PA1044**	•	•	Only Aluminium BH Version	9663654980,9670557580
	02-	**PA1045**		•	+BH Aluminium	9663654980,9670557580
2.0 JTD (79 kW) Eng.RHM(DW10ATED4)	03-	**PA747**		•		9569147388
	5/03-	**KP747-4**		•	Belt:144x25,4, PA747	9400831739,9569147388
2.0 JTD (80 kW) Eng.RHW(DW10ATED4)	02-	**PA747**		•		9569147388
	8/02-	**KP747-4**		•	Belt:144x25,4, PA747	9400831739,9569147388
2.0 MJT (100 kW) Eng.RHR(DW10BTED4)	07-	**PA861**		•		9463623088
2.0 MJT 16v (88 kW) Eng.RHK(DW10UTED4)	06-	**PA861**		•		9463623088
2.2 JTD (120 kW) Eng.4HP/HR	08-	**PA1049**		•		9684319880
2.2 JTD (94 kW) Eng.4HW(DW12ATED4)	02-	**PA861**		•		9463623088
2.2 MJT (125 kW) Eng.4HT/4HS(DW12BTED4)	08-	**PA1049**		•		9684319880
3.0 V6 (150 kW) Eng.XFW	02-	**PA886**		•		9641117180
Uno (146A/E) '1/83-						
0.9 (33 kW) Eng.146A.000/146A1.000	83-92	**PA088**				4243679,4296890,4384129,5882694,5939200
1.0 45 (32 kW) Eng.156A2.100/156A2.048	86-93	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	86-93	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.0 45 (37 kW) Eng.146A2.166	86-93	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
1.0 45 i.e. (33 kW) Eng.156A2.246	84-96	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	86-93	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.0 55 (41 kW) Eng.146B4.000	94-	**PA159**				-
	94-	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.1 (37 kW) Eng.156C.046	90-93	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	90-93	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.1 (42 kW) Eng.160A3.000	89-92	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	89-92	**KP286-2**		•	Belt:104x15, PA286A	46423351,46531183,5973713,71713727 7640163,7691820,7715242

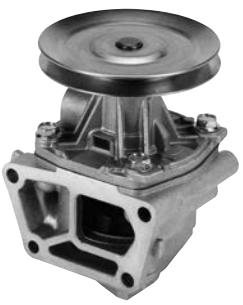
PA159

PA286A



PA292

PA366



PA394

PA398

PA554

PA559

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PA585

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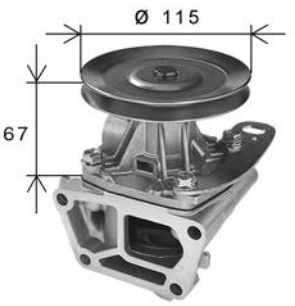
PA626

PA630

KP286-1

		GRAF ref.			NOTE	Adaptable for OES
1.1 (43 kW) Eng.146A4.044	83-	**PA159**				-
	83-	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.1 50 (37 kW) Eng.146A4.044	86-89	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	86-89	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.1 55 (40 kW) Eng.138B.000	83-89	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	83-89	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.1 60 (43 kW) Eng.146A4.048	83-89	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	83-89	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.1i.e. 50 (36 kW) Eng.146C3.000	86-93	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.3 70 (48 kW) Eng.149A7.000	85-89	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	85-89	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.3 70 (50 kW) Eng.138B2.000	83-85	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	83-85	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.3 D (27-33 kW) Eng.127A5.000/146B1.000	83-96	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.3 T. i.e. (73 kW) Eng.146A2.146	1/87-12/87	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	1/87-12/87	**PA292**			+BH	5894129,5894582,7533502,7580755
1.3 T. i.e. (74 kW) Eng.146A2.246	89-91	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	89-91	**PA292**			+BH	5894129,5894582,7533502,7580755
1.3 T. i.e. (77 kW) Eng.146A2.000	85-89	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	85-89	**PA292**			+BH	5894129,5894582,7533502,7580755
1.4 70 S (52 kW) Eng.160A1.048	89-92	**PA566**	•			7630343,7691048,7719918,7737257,7784975
	89-92	**PA366**			+BH	7630343,7691048,7719918,7737257,7784975
1.4 i.e. (51 kW) Eng.160A1.046	89-93	**PA554**	•		ie	4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	89-93	**PA598**	•		Spi	7635148,7651586,7691047,7770038,7784979
	89-93	**PA394**			ie, +BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
	89-93	**PA398**			Spi, +BH	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
1.4 i.e. (57 kW) Eng.159A2.000	88-	**PA598**	•		+Air	7635148,7651586,7691047,7770038,7784979
	88-	**PA626**	•		i	46437911,7752928
	88-	**PA398**			+BH, +Air	71719697,71737972,7617168,7635148,7651586 7691046/ 7,7723345,7770038,7784979
	88-	**PA630**			i, +BH	46437911,7752928
1.4 T. i.e. (82 kW) Eng.146A8.046	7/92-93	**PA598**	•			7635148,7651586,7691047,7770038,7784979
	89-7/92	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	89-7/92	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.4 T. i.e. (87 kW) Eng.146A8.000	7/92-96	**PA598**	•			7635148,7651586,7691047,7770038,7784979

PA016



PA054

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PA191

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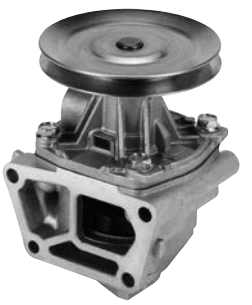
PA340



PA394

PA395

PA451

PA554

PA585

PA689

PA739

PA866

PA1030

PA1083

PA1085

PA1101

KP739-1

		GRAF ref.			NOTE	Adaptable for OES
1.4 T. i.e. (87 kW) Eng.146A8.000	89-7/92	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	89-7/92	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.4 TD 70 (52 kW) Eng.146B.000/146B3.000	89-90	**PA395**				46412338,7633470,7696083
1.5 i.e. 75 (55 kW) Eng.138C2.048/149C1.000	85-93	**PA585**	•			5996594,71719696,7565764,7580754,7691043 7719921,7784981
	85-93	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
1.7 D (42 kW) Eng.146B2.000	89-93	**PA1101**	•			46409134,7575827,7692554
	89-93	**PA340**			+BH	46409134,7575827,7692554
1.7 D (44 kW) Eng.149B3.000	86-89	**PA1101**	•			46409134,7575827,7692554
	86-89	**PA340**			+BH	46409134,7575827,7692554
1.9 D (44 kW) Eng.149B5.046	89-94	**PA1101**	•			46409134,7575827,7692554
	89-94	**PA340**			+BH	46409134,7575827,7692554
X 1/9 (128 AS) '5/73-'12/89						
1.3, Exclusiv Serie (55 kW) Eng.128AS.000	73-79	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	73-79	**PA054**			+BH	4194951,4243593,4297101,4329406,4384128 5882695,5894255,5983960
1.5 Five Speed (56 kW) Eng.138BS.031	85-89	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	85-89	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974
1.5 Five Speed (63 kW) Eng.138AS.000	78-89	**PA554**	•			4329406,4384128,4408201,5936404,5960469 5983960,5992593,7580753/ 6,7748000 7770032,7784974
	78-89	**PA394**			+BH	4408201,5936404,5960469,5992593 7580753/ 6,7615921,7748000,7770032 7784974

FIAT LCV

238-Serie '9/66-'6/82						
1.4 (38 kW) Eng.131AZ.000/131BZ.0C0/131FZ	76-82	**PA191**				4337095
241-Serie '1/67-'12/79						
1.4 T. (38 kW) Eng.124AZ2	-76	**PA016**				4129810,5882684
1.9 D (35 kW) Eng.237A	-79	**PA100**				4181898,4654872
242-Serie Van '10/75-'7/82						
2.2 D (46 kW) Eng.B22.615	75-80	**PA165**				5416786
2.5 D (52 kW) Eng.B25.637	80-82	**PA165**				5416786
Bravo Van '4/07-						
1.6 JTD (77 kW) Eng.198A3.000	07-	**PA1085**		•	+RB	46804051,55209993
Cinquecento Van '1/92-						
0.9 i (29 kW) Eng.A1.046	91-98	**PA451**				46742168,7724414
	91-98	**PA689**			+Air	71737966,7762986
Doblo Cargo I-II (223) '3/01-'12/09						
1.2 (48 kW) Eng.223A5.000	01-	**PA739**		•		46526243,46805736,55184080
	3/01-12/09	**KP739-1**		•	Imp. Pierburg, Belt:129x15, PA739, Eng 2.533.528-	46526243,46805736,55184080,71736718
1.3 JTD (51 kW) Eng.188A9.000	04-	**PA1083**				46815125,46819138,71745026
1.3 MJT 16v (55 kW) Eng.199A2.000	05-	**PA1083**				46815125,46819138,71745026
1.3 MTJ (Germany) (62 kW) Eng.223A9.000	05-	**PA1083**				46815125,46819138,71745026
1.4 (57 kW) Eng.350A1.000	05-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	05-	**PA1030**		•	Imp. Tesma	55204538,55221397

PA240

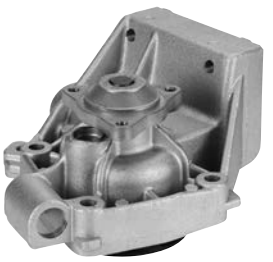
PA275

PA391

PA444

PA454

PA544



PA607

PA629

PA645

PA646

PA647

PA672

PA747

PA911

PA1030

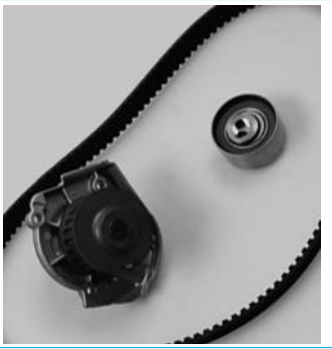
PA1083

Cuscinetto rinforzato
Reinforced bearing

PA1085

KP672-1

KP747-1



KP866-1

		GRAF ref.			NOTE	Adaptable for OES
1.4 (57 kW) Eng.350A1.000	05-	**KP866-1**		•	Belt:129x22, PA866, Imp. Pier-burg	46520401,55183446,55183497,55184081 55186602,55198547,55203785,55205557 55217612,71753156
1.6 16v (76 kW) Eng.182B6.000	01-	**PA629**			+BH	46400058,46444355
1.9 D (46 kW) Eng.223A6.000	01-	**PA672**		•		46515970,46515972,60814609
1.9 JTD (74 kW) Eng.182B9.000	01-	**PA672**		•		46515970,46515972,60814609
	10/01-12/09	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 JTD (77 kW) Eng.223A7.000	03-	**PA672**		•		46515970,46515972,60814609
	7/03-12/09	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 MJT (77 kW) Eng.223B1.000	05-	**PA672**		•		46515970,46515972,60814609
	11/05-12/09	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
1.9 MJT (88 kW) Eng.186A9.000	05-	**PA672**		•		46515970,46515972,60814609
Doblo Cargo III (263) '2/10-						
1.3 MJT (66 kW) Eng.263A2.000	10-	**PA1083**				46815125,46819138,71745026
1.4 (70 kW) Eng.843A1.000	10-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 (88 kW) Eng.198A4.000	10-	**PA1030**		•		55204538,55221397
1.6 D MJ (74 kW) Eng.263A3.000	11-	**PA1085**		•	+RB	46804051,55209993
1.6 D MJT (66 kW) Eng.263A4.000	10-	**PA1085**		•	+RB	46804051,55209993
1.6 MJTD (77 kW) Eng.198A3.000	10-	**PA1085**		•	+RB	46804051,55209993
2.0 MJT (99 kW) Eng.263A1.000	10-	**PA1085**		•	+RB	46804051,55209993
Ducato I (280) '1/82-'8/90						
1.8 (49-51 kW) Eng.169B(XM7T)	82-88	**PA544**				9401201340,9401201400
1.9 D (52 kW) Eng.149B1.000	87-90	**PA444**				46408312,71737976,7692551
1.9 TD (60 kW) Eng.280A1.000	89-90	**PA444**				46408312,71737976,7692551
2.0 (55 kW) Eng.170B	86-90	**PA544**				9401201340,9401201400
2.0 (58 kW) Eng.XN1T	82-90	**PA544**				9401201340,9401201400
2.0 (62 kW) Eng.170D	88-90	**PA544**				9401201340,9401201400
2.5 CRD (55 kW) Eng.CRD93L(U25-661)	82-90	**PA240**				5548541
2.5 D, 4WD (55 kW) Eng.8144.67	10/86-90	**PA454**			14-18Q	4823810,99459759
	82-9/86	**PA275**			14-18Q	7301300,7303030
2.5 TD, 4WD (68 kW) Eng.8144.21	10/86-90	**PA454**			14-18Q	4823810,99459759
	86-9/86	**PA275**			14-18Q	7301300,7303030
Ducato II (290) '3/89-'3/94						
1.9 D (52 kW) Eng.149B1.000	90-94	**PA444**				46408312,71737976,7692551
1.9 TD (60 kW) Eng.280A1.000	89-94	**PA444**				46408312,71737976,7692551
2.0 (62 kW) Eng.170D	90-94	**PA544**				9401201340,9401201400
2.0 4WD (63 kW) Eng.170D	90-94	**PA544**				9401201340,9401201400
2.5 D, 4WD (55 kW) Eng.8144.67	90-94	**PA454**			14-18Q	4823810,99459759
2.5 TD, 4WD (70 kW) Eng.8140.27	90-94	**PA454**			14-18Q	4823810,99459759
Ducato III (230) '3/94-'4/02						
1.9 D (51 kW) Eng.230A2.000	94-4/02	**PA645**				1304596080,1317462080,71737991
1.9 TD (59 kW) Eng.230A4.000	94-02	**PA646**			+Air	1313021080,1317466080
	94-02	**PA647**			+PS	1304612080,1312388080,1317463080 1317464080,71737992
1.9 TD (66 kW) Eng.DHX(XUD9TF-L)	98-4/02	**PA911**		•		71739137,9627667988
1.9 TD Panorama (60 kW) Eng.230A3.000	94-4/02	**PA647**			+PS	1304612080,1312388080,1317463080 1317464080,71737992
	94-4/02	**PA646**			+PS, +Air	1313021080,1317466080
2.0 JTD (62 kW) Eng.RHV(DW10)	94-02	**PA747**		•		9569147388
	10/01-4/02	**KP747-1**		•	Belt:141x25,4 , PA747	9400831409/ 629/ 789/ 829,9569147388
2.0i, 4WD (80 kW) Eng.RFW(XU10J2/C)	94-4/02	**PA391**		•	10-14Q	9565095580,9566945680/ 88,9567521488 9627667988
2.5 D, 4WD (62 kW) Eng.8140.67	94-4/02	**PA607**				504083122,98473452,99440717

PA088

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PA338A

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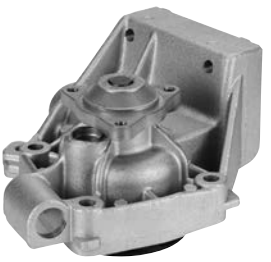
PA598



PA607

PA626

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PA1026

PA1085

KP747-1

		GRAF ref.			NOTE	Adaptable for OES
2.5 TD, 4WD (85 kW) Eng.8140.47	94-98	**PA607**				504083122,98473452,99440717
2.5 TDi Panorama (80 kW) Eng.8140.47R	94-4/02	**PA607**				504083122,98473452,99440717
2.5 TDi Panorama, 4WD (85 kW) Eng.8140.47	94-4/02	**PA607**				504083122,98473452,99440717
2.8 D, 4WD (64 kW) Eng.8140.63	98-4/02	**PA607**				504083122,98473452,99440717
2.8 JTD, 4WD (94 kW) Eng.8140.43S	00-4/02	**PA607**				504083122,98473452,99440717
2.8 TDi, 4WD (90 kW) Eng.8140.43	97-4/02	**PA607**				504083122,98473452,99440717
Ducato IV (244, Z) '4/02-'1/06						
2.0 JTD (62 kW) Eng.RHV(DW10)	02-06	**PA747**		•		9569147388
	4/02-1/06	**KP747-1**		•	Belt:141x25,4 , PA747	9400831409/ 629/ 789/ 829,9569147388
2.0, Bipower (81 kW) Eng.RFL(XU10J2U)	02-06	**PA391**		•		9565095580,9566945680/ 88,9567521488 9627667988
2.3 JTD (81 kW) Eng.F1AE0481C	02-06	**PA900**		•		504033770
2.8 JTD Power (107 kW) Eng.8140.43N	04-	**PA607**				504083122,98473452,99440717
2.8 JTD, 4WD (94 kW) Eng.8140.43S	02-06	**PA607**				504083122,98473452,99440717
2.8 TD, 4WD (90 kW) Eng.8140.43	03-06	**PA607**				504083122,98473452,99440717
Ducato V (250,251) '2/06-						
100 2.2 MJT (74 kW) Eng.4HV	06-	**PA996**	•			9659248280
110 2.3 MJT (83 kW) Eng.F1AE3481G	11-	**PA900**		•		504033770
115 2.0 MJT (85 kW) Eng.250A1.000	11-	**PA1085**		•	+RB	46804051,55209993
120 2.3 MJT (88 kW) Eng.F1AE0481D	06-	**PA900**		•		504033770
125 2.3 MJT (93 kW) Eng.F1AE0481T	10-	**PA900**		•		504033770
130 2.3 MJT (96 kW) Eng.F1AE0481N	07-	**PA900**		•		504033770
140 3.0 Nat. Power (100 kW) Eng.F1CE0441A	09-	**PA1026**				504102572,504248581
150 2.3 MJT (110 kW) Eng.F1AE3481E	11-	**PA900**		•		504033770
150 3.0 MJT (107 kW) Eng.F1CE3481N	10-	**PA1026**				504102572,504248581
160 3.0 MJT (115 kW) Eng.F1CE3481M	06-	**PA1026**				504102572,504248581
160 3.0 MJT (117 kW) Eng.F1CE0481D	06-	**PA1026**				504102572,504248581
180 3.0 MJT (130 kW) Eng.F1CE3481E	11-	**PA1026**				504102572,504248581
Fiorino I (127) '10/77-'12/87						
0.9 (33 kW) Eng.100GL.000	77-84	**PA088**				4243679,4296890,4384129,5882694,5939200
1.0 (37 kW) Eng.127A.000/B	80-87	**PA159**				-
	80-87	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.3 D, Panorama (33 kW) Eng.127A5.000/146B1	81-86	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
Fiorino II (147) '1/86-'12/93						
1.0, Pick up (41 kW) Eng.156A.000	86-88	**PA159**				-
	86-88	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.1 60 (40 kW) Eng.146A9.000	86-93	**PA159**				-
	86-93	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.3 (49 kW) Eng.146A5.000	87-93	**PA159**				-
	87-93	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.5 i.e. 75 (55 kW) Eng.149C1.000	88-93	**PA585**	•			5996594,7565764,7580754,7691043,7719921 7784981
	88-93	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921 7784981
1.7 D (42-44 kW) Eng.149B2.00/ B3.000	88-93	**PA338A**				46409136,71737977,7608844,7693966
Fiorino III (146) '1/93-'12/06						
1.3 (49 kW) Eng.146A5.000	93-94	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.4 i.e., Pick-up (49 kW) Eng.146C5.000/146D5.000	4/95-	**PA626**	•		Eng 9470269-	46437911,7752928
	4/95-	**PA630**			+BH, Eng 9470269-	46437911,7752928
	92-3/95	**PA598**	•		Eng -9470268	7635148,7651586,7691047,7770038,7784979
	92-3/95	**PA398**			+BH, Eng -9470268	71719697,71737972,7635148,7651586,7691047 7770038,7784979
1.6 i.e., Pick up (55 kW) Eng.146C6.000/146D6.000	4/95-	**PA626**	•		Eng 9470269-	46437911,7752928
	4/95-	**PA630**			+BH, Eng 9470269-	46437911,7752928
	93-3/95	**PA598**	•		Eng -9470268	7635148,7651586,7691047,7770038,7784979
	93-3/95	**PA398**			+BH, Eng -9470268	71719697,71737972,7635148,7651586,7691047 7770038,7784979
1.7 D (42 kW) Eng.146B2.000	93-	**PA338A**				46409136,71737977,7608844,7693966
	93-	**PA733**			+PS	46410562,46464225,46525058,46554397 71737980

PA286A

PA559

PA620

PA629

PA672

PA733

PA739

PA837

PA866

PA1030

PA1083

KP286-1

		GRAF ref.			NOTE	Adaptable for OES
1.7 TD, Pick up (46 kW) Eng.146D7.000	97-	**PA733**			+PS	46410562,46464225,46525058,46554397 71737980
Fiorino IV (225) '1/07-						
1.3 MJT (70 kW) Eng.199B1.000	10-	**PA1083**				46815125,46819138,71745026
1.3 MJT 16v (55 kW) Eng.199A2.000	07-	**PA1083**				46815125,46819138,71745026
1.4 (54 kW) Eng.KFV/KFT	07-	**PA837**		•		9631169188
1.4 (57 kW) Eng.350A1.000	10-	**PA837**		•		9631169188
Grande Punto Van (299) '9/05-						
1.3 MJT 16v (55 kW) Eng.199A2.000	05-	**PA1083**				46815125,46819138,71745026
1.3 MJT 16v (66 kW) Eng.199A3.000	05-	**PA1083**				46815125,46819138,71745026
1.4 (57 kW) Eng.350A1.000	05-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
Idea Van '1/04-						
1.3 MJT (51 kW) Eng.188A9.000	04-	**PA1083**				46815125,46819138,71745026
1.3 MJT (66 kW) Eng.199A3.000	05-	**PA1083**				46815125,46819138,71745026
1.4 (66 kW) Eng.192B2.000	03-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	03-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 16v (70 kW) Eng.843A1.000	04-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	04-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.9 JTD (74 kW) Eng.188B2.000	04-	**PA672**		•		46515970,46515972,60814609
Multipla Van '4/99-						
1.6 16v (76 kW) Eng.182B6.000	99-	**PA620**	•			46400058,46444355,71716878
	99-	**PA629**			+BH	46400058,46444355
1.9 JTD (85 kW) Eng.186A8.000	02-	**PA672**		•		46515970,46515972,60814609
1.9 JTD (88 kW) Eng.186A9.000	04-	**PA672**		•		46515970,46515972,60814609
Panda Van I (141A) '1/86-'8/98						
0.75 (25 kW) Eng.141B.000	86-95	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	86-92	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.0 i.e. Kat, 4WD (33 kW) Eng.141C2.000/156A2.246	87-98	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	87-98	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.0, 4WD (32 kW) Eng.156A2.100/156A3.100	86-92	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	86-92	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.3 D (27 kW) Eng.156A5.000	86-92	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
Panda Van II (271) '9/03-						
1.1 (40 kW) Eng.187A1.000	03-	**PA739**		•	Eng -2533528	46526243,46805736,55184080
	03-	**PA866**		•	Imp. Pierburg, Eng 2533529-	46520401,55184081,55186602,55198547 55205557
1.2, 4WD (38-44 kW) Eng.188A4.000	03-	**PA739**		•	Eng -2533528	46526243,46805736,55184080
	03-	**PA866**		•	Imp. Pierburg, Eng 2533529-	46520401,55184081,55186602,55198547 55205557
1.2, 4WD (51 kW) Eng.169A4.000	10-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.3 JTD (51 kW) Eng.188A9.000	03-	**PA1083**				46815125,46819138,71745026
1.3 JTD (55 kW) Eng.169A1.000	06-	**PA1083**				46815125,46819138,71745026
1.4 Natural power (57 kW) Eng.350A1.000	09-	**PA1030**		•	Imp. Tesma	55204538,55221397
Punto Evo (199) Van '3/09-						
1.3 MJT (55 kW) Eng.199A2.000/A9.000	09-	**PA1083**				46815125,46819138,71745026
1.3 MJT (62 kW) Eng.199B4.000	12-	**PA1083**				46815125,46819138,71745026
1.3 MJT (66 kW) Eng.199A3.000	10-12	**PA1083**				46815125,46819138,71745026
1.3 MJT (70 kW) Eng.199B1.000	09-	**PA1083**				46815125,46819138,71745026
1.4 (57 kW) Eng.350A1.000	09-	**PA1030**		•		55204538,55221397
1.4 LPG (57 kW) Eng.350A1.000	09-	**PA1030**		•	Imp. Tesma	55204538,55221397

PA286A

PA391

PA553

PA672

PA685

PA686

PA739

PA747

PA837

PA862

PA911

PA1044

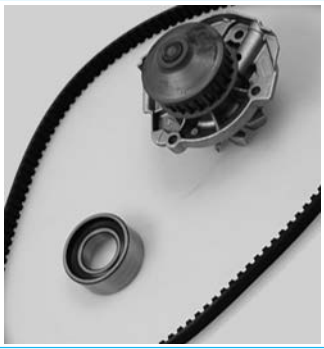
PA1045

PA1083

KP286-2

KP672-1

KP739-1



KP739-2

KP747-1

KP747-3

		GRAF ref.			NOTE	Adaptable for OES
Punto Van I (176L) '4/96-'2/00						
1.1 (40 kW) Eng.176B2.000	-4/99	**PA286A**		•	Eng -9042883	46423351,5973713,71713727,7640163,7691820 7715242
	96-00	**PA739**		•	Eng 9042884-	46526243,46805736,55184080
	4/96-2/00	**KP739-2**		•	Imp. Pierburg, Belt:125x15, PA739, Eng 9042884-	46526243,46805736,55184080,71736719 71746353
	96-00	**KP286-2**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.7 D (42 kW) Eng.176B3.000	96-00	**PA553**				46445405,71737981,7781232
1.7 TD (46 kW) Eng.176B7.000	96-99	**PA553**				46445405,71737981,7781232
1.7 TD (52 kW) Eng.176A5.000	96-00	**PA553**				46445405,71737981,7781232
Punto Van II (188AX) '2/00-'8/05						
1.2 (44 kW) Eng.188A4.000	00-	**PA739**		•		46526243,46805736,55184080
	2/00-8/05	**KP739-1**		•	Imp. Pierburg, Belt:129x15, PA739, Eng -2533528	46526243,46805736,55184080,71736718
1.3 JTD (51 kW) Eng.188A9.000	03-05	**PA1083**				46815125,46819138,71745026
1.9 DS 60 (44 kW) Eng.188A3.000	00-	**PA672**		•		46515970,46515972,60814609
1.9 JTD (63 kW) Eng.188A7.000	00-	**PA672**		•		46515970,46515972,60814609
	2/00-8/05	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
Qubo IV (300) '1/08-						
1.3 JTD (55 kW) Eng.199A2.000	08-	**PA1083**				46815125,46819138,71745026
1.3 MJT (70 kW) Eng.199B1.000	10-	**PA1083**				46815125,46819138,71745026
1.4 (54 kW) Eng.KFV	08-	**PA837**		•		9631169188
1.4 (57 kW) Eng.350A1.000	09-	**PA837**		•		9631169188
Scudo I (220L) '2/96-'12/06						
1.6 (58 kW) Eng.220A2.000	96-	**PA685**			+BH	46409201,46437914
	96-	**PA686**			+BH, +PS	46409200,46437913
1.9 D (51 kW) Eng.D9B/D8A/U	96-	**PA391**		•		9565095580,9566945680/ 88,9567521488 9627667988
1.9 D (51 kW) Eng.WJZ(DW8)	98-	**PA747**		•		9569147388
	4/98-12/06	**KP747-3**		•	Belt:140x25,4, PA747	9400831589,9569147388
1.9 TD (66 kW) Eng.DHX(XUD9TF-L)	3/97-	**PA911**		•		71739137,9627667988
	96-2/97	**PA391**		•		9565095580,9566945680/ 88,9567521488 9627667988
1.9 TD (68 kW) Eng.D8B	98-	**PA911**		•		71739137,9627667988
2.0 (100 kW) Eng.RFN(EW10J4)	02-	**PA1044**	•	•	Only Aluminium BH Version	9663654980,9670557580
	02-	**PA862**	•	•	Only plastic BH Version	9654531880
	02-	**PA1045**		•	+BH Aluminium	9663654980,9670557580
2.0 JTD (69 kW) Eng.RHX	99-	**PA747**		•		9569147388
	12/99-12/06	**KP747-1**		•	Belt:141x25,4 , PA747	9400831409/ 629/ 789/ 829,9569147388

PA286A

PA451

PA620

PA629

PA739

PA747

PA861

PA866

PA938

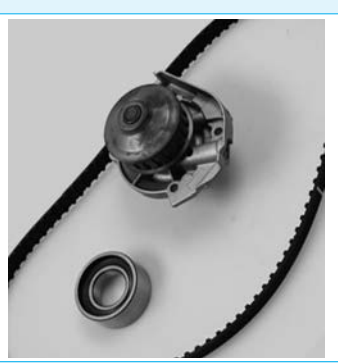
PA1030

PA1044

PA1045

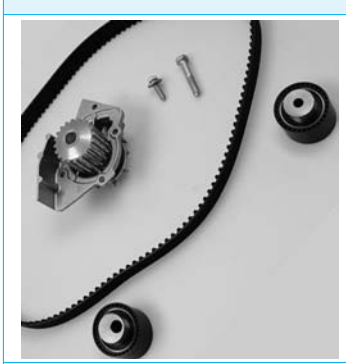
PA1085

PA1110



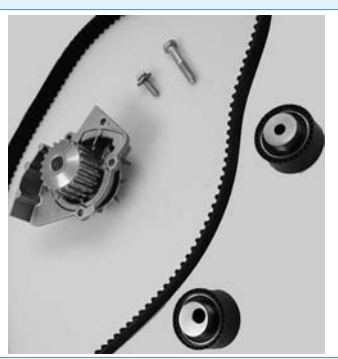
KP286-2

KP739-2



KP747-1

KP747-2



KP747-4

KP861-2

		GRAF ref.			NOTE	Adaptable for OES
2.0 JTD (80 kW) Eng.RHZ(DW10ATED)/RHW(DW10ATED4)	02-	**PA747**		•		9569147388
	12/02-12/06	**KP747-2**		•	Mod. 2V, Belt:141x25, PA747, Ch 8736-	9569147388
	12/02-12/06	**KP747-1**		•	Mod. 2V, Belt:141x25,4 , PA747, Ch -8735	9400831409/ 629/ 789/ 829,9569147388
	12/02-12/06	**KP747-4**		•	Mod. 4V, Belt:144x25,4, PA747, Ch -10010	9400831739,9569147388
Scudo II (272) '1/07-						
1.6 JTD (66 kW) Eng.DV6UTED4	07-	**PA938**		•		1609417680,9654514780
2.0 JTD (100 kW) Eng.RHR(DW10BTED4)	07-	**PA861**		•		9463623088
	07-	**KP861-2**		•	Belt:116x25, PA861	9400831929,9463623088
2.0 JTD, 4WD (88 kW) Eng.RHK(DW10UTED4)	07-	**PA861**		•		9463623088
	07-	**KP861-2**		•	Belt:116x25, PA861	9400831929,9463623088
2.0 MJT (120 kW) Eng.RHH	10-	**PA1110**		•		9682360280
2.0 MJT (94 kW) Eng.RH02	11-	**PA1110**		•		9682360280
2.0, 4WD (103 kW) Eng.RFH(EW10A)	07-	**PA1044**	•	•	Only Aluminium BH Version	9663654980,9670557580
	07-	**PA1045**		•	+BH Aluminium	9663654980,9670557580
Seicento Van '1/98-						
0.9 i (29 kW) Eng.1170A1.046	98-	**PA451**				46742168,7724414
1.1 i (40 kW) Eng.176B2.000/187A1.000	04-	**PA739**		•	Eng -2543171	46526243,46805736,55184080
	04-	**PA866**		•	Imp. Pierburg, Eng 2543171-	46520401,55184081,55186602,55198547 55205557
	04-	**PA1030**		•	Imp. Tesma, Eng 2543171-	55204538,55221397
	4/99-04	**PA739**		•	Eng 9042884-	46526243,46805736,55184080
	98-3/99	**PA286A**		•	Eng -9042883	46423351,5973713,71713727,7640163,7691820 7715242
	12/00-	**KP739-2**		•	Eng.176B2000, Imp. Pierburg, Belt:125x15, PA739, Eng 9042884-	46526243,46805736,55184080,71736719 71746353
	98-12/00	**KP286-2**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
Stilo Van '1/03-						
1.4 16v (70 kW) Eng.843A1.000	04-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	04-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.6 16v (76 kW) Eng.182B6.000	03-	**PA620**	•			46400058,46444355,71716878
	03-	**PA629**			+BH	46400058,46444355
1.9 JTD (103 kW) Eng.192A5.000	03-	**PA1085**		•	+RB	46804051,55209993

PA286A

PA395

PA444

PA544

PA553

PA559

PA629

PA672

PA739

PA747

PA861

PA866

PA880

PA1030

PA1083

PA1085

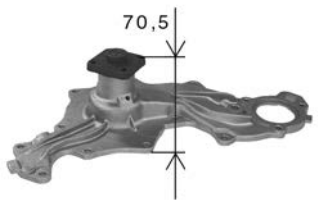
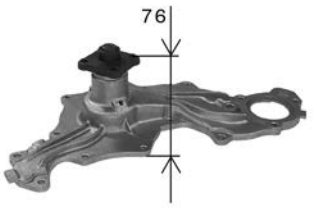
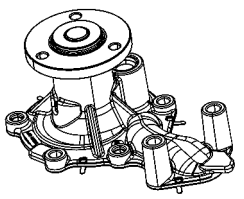
PA1101

KP286-3

KP672-1

KP739-1

		GRAF ref.			NOTE	Adaptable for OES
1.9 JTD (110 kW) Eng.937A5.000	05-	**PA1085**		•	+RB	46804051,55209993
1.9 JTD (58 kW) Eng.192A3.000	03-	**PA672**		•		46515970,46515972,60814609
1.9 JTD (85 kW) Eng.192A1.000	03-	**PA672**		•		46515970,46515972,60814609
1.9 JTD (88 kW) Eng.192A8.000	05-	**PA672**		•		46515970,46515972,60814609
1.9 JTD (93 kW) Eng.937A4.000	04-	**PA1085**		•	+RB	46804051,55209993
1.9 JTD (Belgio) (100 kW) Eng.192B1.000	04-	**PA1085**		•	+RB	46804051,55209993
Strada I (178E) '6/99-'1/05						
1.2 (44 kW) Eng.188A4.000	03-05	**PA739**		•	Eng 9042884-254625	46526243,46805736,55184080
	03-05	**PA866**		•	Imp. Pierburg, Eng 2546255-	46520401,55184081,55186602,55198547 55205557
	03-05	**PA1030**		•	Imp. Tesma, Eng 2546225-	55204538,55221397
	4/03-1/05	**KP739-1**		•	Imp. Pierburg, Belt:129x15, PA739	46526243,46805736,55184080,71736718
1.2 16v (54 kW) Eng.178B5.000	99-	**PA286A**		•	Eng -9042883	46423351,5973713,71713727,7640163,7691820 7715242
	99-05	**PA739**		•	Eng 9042884-254625	46526243,46805736,55184080
	99-05	**PA866**		•	Imp. Pierburg, Eng 2546255-	46520401,55184081,55186602,55198547 55205557
	99-05	**PA1030**		•	Imp. Tesma, Eng 2546255-	55204538,55221397
	6/99-1/05	**KP739-1**		•	Imp. Pierburg, Belt:129x15, PA739, Eng 9042884-2546254	46526243,46805736,55184080,71736718
	99-	**KP286-3**		•	Belt:108x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.7 TD (51 kW) Eng.176A3.000	99- 05	**PA880**			Eng. 2427907	46757573/ 4,71769770
	99-05	**PA553**			Eng. 2427907	46445405,71737981,7781232
1.9 D (46 kW) Eng.223A6.000	00-05	**PA672**		•		46515970,46515972,60814609
1.9 JTD (59 kW) Eng.188A2.000	03-05	**PA672**		•		46515970,46515972,60814609
	4/03-1/05	**KP672-1**		•	Belt:190x24, PA672	46512248,46515970/ 2,60814609,60815559 71736726,7762925
Strada II (178EXG) '2/05-						
1.2 8v MPI (44 kW) Eng.178B7.045	05-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	05-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.3 MJT (70 kW) Eng.199B1.000	10-	**PA1083**				46815125,46819138,71745026
1.3 MJT (Germany) (63 kW) Eng.223A9.000	05-	**PA1083**				46815125,46819138,71745026
1.6 16v Trekking (76 kW) Eng.178D2.011	05-	**PA629**			+BH	46400058,46444355
1.7 TD (51 kW) Eng.176A3.000	05-	**PA880**				46757573/ 4,71769770
Talento (290) '3/89-'3/94						
1.9 D (52 kW) Eng.149B1.000	89-94	**PA444**				46408312,71737976,7692551
2.0 (55 kW) Eng.170B	89-94	**PA544**				9401201340,9401201400
Ulysse Van '8/02-						
2.0 JTD (100 kW) Eng.RHR(DW10BTED4)	06-	**PA861**		•		9463623088
2.0 JTD (80 kW) Eng.RHW(DW10ATED4)	02-	**PA747**		•		9569147388
2.2 JTD (94 kW) Eng.4HW(DW12ATED4)	02-	**PA861**		•		9463623088
Uno Van '1/83-'10/95						
1.3 D (33 kW) Eng.146B1.000	83-96	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.4 TD (52 kW) Eng.146B3.000	89-90	**PA395**				46412338,7633470,7696083
1.7 D (42 kW) Eng.146B2.000	89-93	**PA1101**	•			46409134,7575827,7692554

			
PA036	**PA091**	**PA117**	**PA130**
			
PA131	**PA174**	**PA340**	**PA517**
			
PA938	**PA990**	**PA1247**	

		GRAF ref.			NOTE	Adaptable for OES
1.7 D (42 kW) Eng.146B2.000	89-93	**PA340**			+BH	46409134,7575827,7692554

FORD EUROPE

B-Max '10/12-

1.0 EcoBoost (74 kW) Eng.FDOX	12-	**PA1247**				1760659
1.4 (66 kW) Eng.HDEZ	12-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.5 TDCi (55 kW)	12-	**PA938**		•		1313842,1364681
1.6 TDCi (70 kW) Eng.DS0X	12-	**PA938**		•		1313842,1364681
1.6 Ti (77 kW) Eng.HDEZ	12-	**PA990**		•		1406479,1472867,1589055,1688697,1778516

Capri I (ECJ) '12/68-'2/74

1.3 (35-37-39-48-53 kW) Eng.K13L	68-72	**PA036**			Eng. CV4	5005036,603089,6036362,A790X8591DAA EPW538
	68-72	**PA131**			Eng. OHC	1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
1.3 (39-40-41-43-53 kW) Eng.KL13H	71-73	**PA036**			Eng. CV4	5005036,603089,6036362,A790X8591DAA EPW538
	71-73	**PA131**			Eng. OHC	1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
1.5 (44-48 kW) Eng.EX	68-74	**PA036**			Eng. CV4	5005036,603089,6036362,A790X8591DAA EPW538
1.6 (53-65 kW) Eng.LE	72-74	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
1.6 GT (60 kW) Eng.KL16H	69-72	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
1.7 (55 kW) Eng.17M/EV17L	68-72	**PA036**				5005036,603089,6036362,A790X8591DAA EPW538

Capri II (GECP) '2/74-'12/77

1.3 (37 kW) Eng.J1E	74-77	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EP W730
1.3 (40-42 kW) Eng.J1E/K13L	74-77	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EP W730
1.6 (50 kW) Eng.LAC	74-77	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
1.6 (53 kW) Eng.LCE	74-77	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
1.6 (65 kW) Eng.LEC	74-77	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
2.0 (66-72 kW) Eng.NYL/NWN/TL20H	74-77	**PA130**				1499785,5005193,5025833,6043064,71F8501 AA A790X8591HBA,EPW980
	74-77	**PA174**			+AF	1527289,5005194,5007749,5007852,6043065 6049790,A810X8591FA/ HA,EPW56/ 58/ 981
2.3 (79 kW) Eng.YYE/TV23	74-77	**PA130**				1499785,5005193,5025833,6043064,71F8501 AA A790X8591HBA,EPW980
	74-77	**PA174**			+AF	1527289,5005194,5007749,5007852,6043065 6049790,A810X8591FA/ HA,EPW56/ 58/ 981

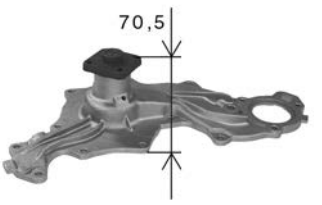
Capri III (GECP) '1/78-'4/87

1.3 (40 kW) Eng.J1E/K13L	78-85	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EP W730
1.6 (49-52-54 kW) Eng.LCN	11/79-87	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
	11/79-87	**PA517**			+RB, +AF, +PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51

PA036

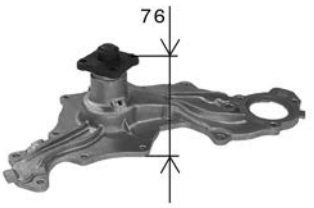
PA083

PA117



PA130

PA131



PA174

PA517

PA742

PA861

PA903

PA938

PA990

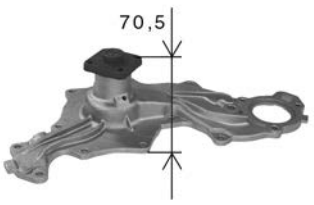
PA1110

KP861-2

KP938-1

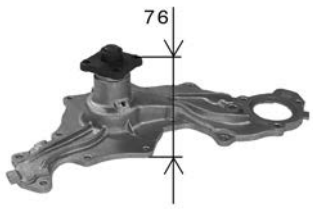
		GRAF ref.			NOTE	Adaptable for OES
1.6 (49-52-54 kW) Eng.LCN	78-11/79	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
2.0 (64-66-74 kW) Eng.NEN/TL20H/NYL	78-85	**PA083**			Eng. CV6, +AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19,EPW57
	78-85	**PA117**			Eng. OHC, +AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
	78-85	**PA517**			+RB, +AF, +PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
2.3 Super (84 kW) Eng.YYN	79-85	**PA083**			+AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19,EPW57
2.8 Super Inj. (118 kW) Eng.PRN/TV28	81-87	**PA174**			+AF	1527289,5005194,5007749,5007852,6043065 6049790,A810X8591FA/ HA,EPW56/ 58/ 981
C-Max II '2/07-'10/10						
1.6 (74 kW) Eng.SHDA	07-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 TDCi (66 kW) Eng.HHDA/B	07-	**PA938**		•		1313842,1364681
	2/07-	**KP938-1**		•	Belt:137x25,4, PA938	1229768,1232179,1313842,1351130,1364681 1373306,1446648,3M5Q8591BB
1.6 TDCi (74 kW) Eng.G8DC/MTDA	07-	**PA938**		•		1313842,1364681
1.6 TDCi (80 kW) Eng.G8DB	07-	**PA938**		•		1313842,1364681
	2/07-	**KP938-1**		•	Belt:137x25,4, PA938	1229768,1232179,1313842,1351130,1364681 1373306,1446648,3M5Q8591BB
1.8 (90 kW) Eng.QQDC	07-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
1.8 TDCi (85 kW) Eng.KKDA	07-	**PA742**				1078500,1079085,1104115,1131878 XS4J8591AC/ DB
1.8, Flexifuel (92 kW) Eng.HDEA	07-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 TDCi (100 kW) Eng.G6DB/D	07-	**PA861**		•		1232499,1432630,1562255,1707009
	07-	**KP861-2**		•	Belt:116x25, PA861	1231979,1232499,1432630
2.0 TDCi (81 kW) Eng.C20DD0X	08-	**PA861**		•		1232499,1432630,1562255,1707009
2.0 TDCi (98 kW) Eng.G6DC/G6DE/G6DF	07-	**PA861**		•		1232499,1432630,1562255,1707009
2.0, CNG, LPG (107 kW) Eng.SYDA/AODA/B	07-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
C-Max III, Grand '11/10-						
1.6 (63 kW) Eng.XTDA	10-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 Ecoboost (110 kW) Eng.JQDA/JQDB	10-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 Ecoboost (134 kW) Eng.JTDA/JTDB	10-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 TDCi (70 kW) Eng.T3DA/T3DB	10-	**PA938**		•		1313842,1364681
1.6 TDCi (85 kW) Eng.DSOX	10-	**PA938**		•		1313842,1364681
2.0 TDCi (100 kW) Eng.UKDB	11-	**PA1110**		•		1694898,1727556
2.0 TDCi (103 kW) Eng.UFDA	11-	**PA1110**		•		1694898,1727556
2.0 TDCi (120 kW) Eng.TXDB	10-	**PA1110**		•		1694898,1727556
2.0 TDCi (85 kW) Eng.TYDA	10-	**PA1110**		•		1694898,1727556
Consul (GGCL,FL,NL) '1/72-'12/75						
1.7, Coupe, SW (48-51-55 kW) Eng.17M/EV17L	72-75	**PA036**				5005036,603089,6036362,A790X8591DAA EPW538
2.0 (60-66 kW) Eng.2602E/2724E/3006E/3010E	72-75	**PA174**			+AF	1527289,5005194,5007749,5007852,6043065 6049790,A810X8591FA/ HA,EPW56/ 58/ 981
	72-75	**PA131**			Eng. B-OHC	1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
	72-75	**PA130**			Eng. CV6	1499785,5005193,5025833,6043064,71F8501 AA A790X8591HBA,EPW980
2.0, Coupe, SW (73 kW) Eng.TL20H	72-75	**PA174**			+AF	1527289,5005194,5007749,5007852,6043065 6049790,A810X8591FA/ HA,EPW56/ 58/ 981
	72-75	**PA131**			Eng. B-OHC	1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
	72-75	**PA130**			Eng. CV6	1499785,5005193,5025833,6043064,71F8501 AA A790X8591HBA,EPW980

PA091



PA130

PA131



PA174

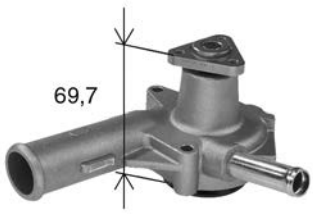
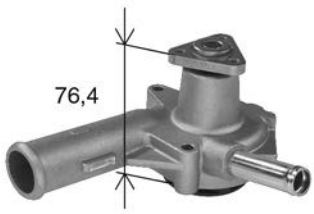
PA266

PA741

PA938

PA974

		GRAF ref.			NOTE	Adaptable for OES
2.3, Coupe, SW (79 kW) Eng.YYE/TV23	72-75	**PA174**			+AF	1527289,5005194,5007749,5007852,6043065 6049790,A810X8591FA/ HA,EPW56/ 58/ 981
	72-75	**PA130**			Eng. CV6	1499785,5005193,5025833,6043064,71F8501AA A790X8591HBA,EPW980
2.5, SW (88 kW) Eng.EV25H	72-74	**PA174**			+AF	1527289,5005194,5007749,5007852,6043065 6049790,A810X8591FA/ HA,EPW56/ 58/ 981
	72-74	**PA130**			Eng. CV6	1499785,5005193,5025833,6043064,71F8501AA A790X8591HBA,EPW980
Cougar (EC) '8/98-'12/01						
2.0 16v (96 kW) Eng.EDBA/B/C/D	98-01	**PA741**				1053879,1058743,1094596,1114354,1130582 1227902,1317038,1320876,1517732 19BBX8591FA,978M8501NH/ TJ 988X8591EA/ F1D/ FC
2.5 ST 200 (151 kW) Eng.SGA	00-01	**PA974**	•			3006897,3667653,3715703,3800766,4096620 4356532,4448290,4551517,7269023
2.5 V6 24v (125 kW) Eng.LCBA	98-01	**PA974**	•			3006897,3667653,3715703,3800766,4096620 4356532,4448290,4551517,7269023
2.5 V6 24v (125 kW) Eng.LCBC/E	00-01	**PA974**	•			3006897,3667653,3715703,3800766,4096620 4356532,4448290,4551517,7269023
Ecosport '2/14-						
1.5 TDCi (66 kW)	14-	**PA938**		•		1313842,1364681
Escort I (AFH,ATH) '1/68-'2/76						
0.95 (25-26 kW) Eng.KL09H(711M)	68-74	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EPW730
1.1 (33 kW) Eng.G1/KL11L/H(751M)	70-71	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EPW730
1.1, SW (29-32 kW) Eng.G1/KL11L/H(751M)	70-76	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EPW730
1.1, SW (35 kW) Eng.G2/KL11L/H(751M)	70-76	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EPW730
1.3 (35-38 kW) Eng.K13L	70-71	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EPW730
1.3 (40 kW) Eng.J1F/K13L	70-76	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EPW730
1.3 (53 kW) Eng.J3D	70-76	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EPW730
1.3 GT (47 kW) Eng.KL13H	70-71	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EPW730
1.3, SW (42 kW) Eng.J2/K13L	70-76	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EPW730
Escort II (ATH) '3/73-'7/81						
1.1 (35 kW) Eng.G2/KL11L/H(751M)	5/79-80	**PA266**			+AF	5004998,A790X8591ARA,EPW44
	74-5/79	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EP W730
1.1, SW (32-34 kW) Eng.G1/KL11L/H(751M)	5/79-80	**PA266**			+AF	5004998,A790X8591ARA,EPW44
	74-5/79	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EP W730
1.3 (51 kW) Eng.J3/KL13H	74-80	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EP W730
1.3, SW (40 kW) Eng.J1F/K13L	74-81	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EP W730
1.3, SW (42-44 kW) Eng.J2/K13L	74-80	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EP W730
1.6 (62 kW) Eng.LC	5/79-80	**PA266**			+AF	5004998,A790X8591ARA,EPW44
	74-5/79	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EP W730
1.6 Sport (63 kW) Eng.L3E/KL16G(751M)	74-77	**PA091**				1487478,5005054,5020717,6041801 A790X8591EBA,D0RY8501A,D1FZ8501B,EP W730
2.0 RS (73 kW) Eng.TL20H	73-77	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746

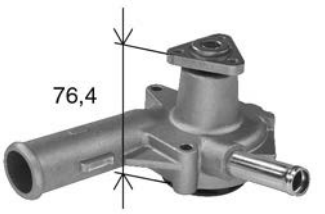
PA131	**PA153**	**PA232**	**PA278**
			
PA321	**PA401**	**PA440**	**PA640**

		GRAF ref.			NOTE	Adaptable for OES
2.0 RS Heckantrieb (80 kW) Eng.NE	75-80	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
Escort III (GAA) '9/80-'7/86						
1.1 (43 kW) Eng.GPA/GMA/GLB/GLA/GLW	80-83	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
1.1, SW (37 kW) Eng.GSB/C/E/F/G/H	83-85	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
1.1, SW (40 kW) Eng.GMA/GPA/GLB/GLA/GLW	80-83	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
1.3, SW, Cabrio (51 kW) Eng.JPA/C	80-85	**PA232**		•		5008470,5018437,A810X8591SA,EPW33
1.6 (48 kW) Eng.CHT1600	83-86	**PA232**		•		5008470,5018437,A810X8591SA,EPW33
1.6 (71 kW) Eng.LP1/LP2/LUA/B/C/D/H	80-82	**PA232**		•		5008470,5018437,A810X8591SA,EPW33
1.6 D, SW (40 kW) Eng.LTA/B/C	84-85	**PA278**				1126044,1233208,5011013,5012322,5023817 A830X8591TA,A840X8591JA,EPW61/ 65
1.6 i (66 kW) Eng.L4B	7/85-12/85	**PA232**		•		5008470,5018437,A810X8591SA,EPW33
1.6 T. RS (97 kW) Eng.LHA/LNA/B	84-85	**PA232**		•		5008470,5018437,A810X8591SA,EPW33
1.6, SW, Cabrio (58 kW) Eng.LP1/LP2/LUA/B/C/D/H	80-85	**PA232**		•	Exc. CVH	5008470,5018437,A810X8591SA,EPW33
1.6i RS (85 kW) Eng.LR1/LRA/B	82-85	**PA232**		•		5008470,5018437,A810X8591SA,EPW33
1.6i XR3i, Cabrio (77 kW) Eng.LR1/LRA/B	82-85	**PA232**		•		5008470,5018437,A810X8591SA,EPW33
Escort IV (GAF,AWF,ABFT) '10/85-'10/90						
1.1, SW (37-40 kW) Eng.GSB/C/E/F/G/H	85-88	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
	88-90	**PA401**				5020437,5025908,5026783,92BX8591BA/ C2B EPW71
1.3 (46 kW) Eng.JBA	88-90	**PA401**				5020437,5025908,5026783,92BX8591BA/ C2B EPW71
1.3, SW (44 kW) Eng.JLA/B/JBB	86-88	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
	88-90	**PA401**				5020437,5025908,5026783,92BX8591BA/ C2B EPW71
1.3, SW (51 kW) Eng.JPA/C	86-88	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.4, Cabrio, SW (54 kW) Eng.F6D/F6B/FUC	1/86-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.4, Cabrio, SW (55 kW) Eng.FUA/B/C/D/G/H/J	1/86-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.4, SW (51 kW) Eng.FUAA/FUBA	1/86-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
	10/85-12/85	**PA232**		•		5008470,5018437,A810X8591SA,EPW33
1.6 D, SW (40 kW) Eng.LTA/B/C	86-90	**PA278**				1126044,1233208,5011013,5012322,5023817 A830X8591TA,A840X8591JA,EPW61/ 65
1.6 i, Cabrio (75 kW) Eng.LJB	89-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6 i, Cabrio, SW (66 kW) Eng.L4B	86-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6 T. RS (97 kW) Eng.LHA/LNA/B	86-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6, Cabrio, SW (58 kW) Eng.LP1/LP2/LUA/B/C/D/H	86-88	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6i XR3i, Cabrio (77 kW) Eng.LR1/LRA/B	86-89	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6i, 16v (66 kW) Eng.LUG/K/J	89-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.8 D, SW (44 kW) Eng.RTA/B/C/D/E/F/G/H/J/K	89-90	**PA640**		•		1020988,1023645,1317913,1517749,5020242 88FX8591AA/ AB,96FX8591AA,EPW40/ 82
Escort V (GAL) '7/90-'12/92						
1.1i (37 kW) Eng.G6A	5/91-92	**PA440**				1518096,6683522,92BX8591AA,EPW60
	90-4/91	**PA401**				5020437,5025908,5026783,92BX8591BA/ C2B EPW71
1.3, SW (44 kW) Eng.J4B/J6A	5/91-92	**PA440**				1518096,6683522,92BX8591AA,EPW60
	90-4/91	**PA401**				5020437,5025908,5026783,92BX8591BA/ C2B EPW71

PA153

PA321

PA429A



PA440

PA501

PA588

PA589A

PA640

PA741

PA976

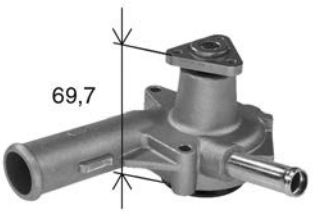
		GRAF ref.			NOTE	Adaptable for OES
1.4, Cabrio, SW (52 kW) Eng.F6A/B/C/D/E/F/G	90-92	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6i, 16v (66 kW) Eng.LUG/K/J	90-92	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6i, Cabrio, SW (77 kW) Eng.LJF	90-92	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.8 16v XR3i, Cabrio (96 kW) Eng.RQB/C	92-92	**PA501**		•		1317021,5025607,928X8591AA,EPW55
1.8 D, SW (44 kW) Eng.RTA/B/C/D/E/F/G/H/J/K	90-92	**PA640**		•		1020988,1023645,1317913,1517749,5020242 88FX8591AA/ AB,96FX8591AA,EPW40/ 82
1.8i 16v XR3i, Cabrio, SW (77 kW) Eng.RDA/B	92-92	**PA501**		•		1317021,5025607,928X8591AA,EPW55
2.0 RS, 4WD (110 kW) Eng.N7A	91-92	**PA429A**				1518910,1651816,6457409,7087382 91WM8501AA,EPW74
Escort VI (GAL) '9/92-'1/95						
1.3, SW (44 kW) Eng.J4B/J6A	92-95	**PA440**				1518096,6683522,92BX8591AA,EPW60
1.4 (55 kW) Eng.FUH	94-95	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.4, Cabrio, SW (52 kW) Eng.F6A/B/C/D/E/F/G	92-95	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.4, Cabrio, SW (55 kW) Eng.F4A/B	93-95	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6i 16v, Cabrio, SW (65-66 kW) Eng.L1E/F/G/H/J/K/L/N/Q	92-95	**PA501**		•		1317021,5025607,928X8591AA,EPW55
1.8 16v XR3i, Cabrio, SW (96 kW) Eng.RQB/C	92-95	**PA501**		•		1317021,5025607,928X8591AA,EPW55
1.8 D, SW (44 kW) Eng.RTA/B/C/D/E/F/G/H/J/K	92-95	**PA640**		•		1020988,1023645,1317913,1517749,5020242 88FX8591AA/ AB,96FX8591AA,EPW40/ 82
1.8 TD, SW (66 kW) Eng.RFA/B/D/K/L/M/N/S	93-95	**PA976**			Eng. D18T	1053054,1233202,5020713 88FX8591B1A/ B2B/ BA
	93-95	**PA589A**		•	Eng. D18TI	1031279,1674083,5024297,91FX8591AA 96FX8591EA,EPW52/ 85
1.8i 16v, Cabrio, SW (77 kW) Eng.RDA/B	93-95	**PA501**		•		1317021,5025607,928X8591AA,EPW55
2.0 RS, 4WD (110 kW) Eng.N7A	92-95	**PA588**				1320086,6189520,7087383,91XM8501AA,EPW75
Escort VII (GAL,AAL,ABL) '1/95-'8/00						
1.3, SW (44 kW) Eng.J4B/J6A	95-99	**PA440**				1518096,6683522,92BX8591AA,EPW60
1.4, Cabrio, SW (55 kW) Eng.F4A/B/FUH	95-99	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6i 16v, Cabrio, SW, 4WD (65-66 kW) Eng.L1E/F/G/H/J/K/L/N/Q	95-98	**PA501**		•		1317021,5025607,928X8591AA,EPW55
1.8 16v XR3i Cabrio (96 kW) Eng.RQB/C	95-00	**PA501**		•		1317021,5025607,928X8591AA,EPW55
1.8 16v, Cabrio, SW (85 kW) Eng.RKC	95-98	**PA501**		•		1317021,5025607,928X8591AA,EPW55
1.8 D, SW (44 kW) Eng.RTA/B/C/D/E/F/G/H/J/K	95-96	**PA640**		•		1020988,1023645,1317913,1517749,5020242 88FX8591AA/ AB,96FX8591AA,EPW40/ 82
1.8 TD, Cabrio, SW (51 kW) Eng.RVA	95-98	**PA976**			Eng. D18T	1053054,1233202,5020713 88FX8591B1A/ B2B/ BA
	95-98	**PA589A**		•	Eng. D18TI	1031279,1674083,5024297,91FX8591AA 96FX8591EA,EPW52/ 85
1.8 TD, Cabrio, SW (66 kW) Eng.RFA/B/D/K/L/M/N/S	95-98	**PA976**			Eng. D18T	1053054,1233202,5020713 88FX8591B1A/ B2B/ BA
	95-98	**PA589A**		•	Eng. D18TI	1031279,1674083,5024297,91FX8591AA 96FX8591EA,EPW52/ 85
1.8i 16v, Cabrio, SW (77 kW) Eng.RDA/B	1/95-8/95	**PA501**		•		1317021,5025607,928X8591AA,EPW55
2.0 RS, 4WD (110 kW) Eng.N7A	95-98	**PA588**				1320086,6189520,7087383,91XM8501AA,EPW75
Escort VIII (AAL,ABL) '10/98-'7/00						
1.6i 16v, SW (66 kW) Eng.L1E/F/G/H/J/K/L/N/Q	98-00	**PA741**				1053879,1058743,1094596,1114354,1130582 1227902,1317038,1320876,1517732 19BBX8591FA,978M8501NH/ TJ 988X8591EA/ F1D/ FC
1.8 TD, SW (66 kW) Eng.RFA/B/D/K/L/M/N/S	98-00	**PA976**			Eng. D18T	1053054,1233202,5020713 88FX8591B1A/ B2B/ BA
	98-00	**PA589A**		•	Eng. D18TI	1031279,1674083,5024297,91FX8591AA 96FX8591EA,EPW52/ 85
Fiesta I '5/76-'8/83						
0.95 (29 kW) Eng.TKA/W/BL09L/H	76-83	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985

PA153

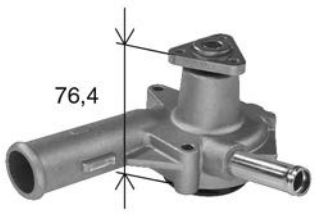
PA232

PA278

PA321



PA401



PA440

PA501

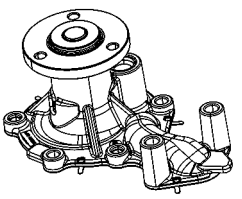
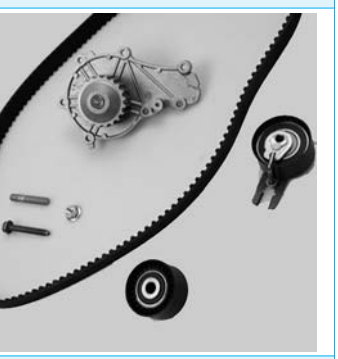
Girante Turbina
Turbine Impeller

PA589A

PA640

PA976

		GRAF ref.			NOTE	Adaptable for OES
0.95 (33 kW) Eng.TLA/BL09L/H	76-83	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
1.1 (39 kW) Eng.GMA/GPA/GLB/GLA/GLW	76-83	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
1.3 (49 kW) Eng.J3E	77-83	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
1.6 XR2 (63 kW) Eng.L3E/KL16G(751M)	81-83	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
Fiesta II (FBD) '9/83-'11/89						
1.0 (33 kW) Eng.TKB	83-89	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
1.1 (37 kW) Eng.GSB/C/E/F/G/H	83-89	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
1.3 (51 kW) Eng.JPA/C	1/86-87	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
	83-1/86	**PA232**		•		5008470,5018437,A810X8591SA,EPW33
1.4 (52 kW) Eng.F6A/B/C/D/E/F/G	86-89	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.4 (54 kW) Eng.FUA/B/C/D/G/H/J	87-89	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.4 (55 kW) Eng.FUB	85-89	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6 D (40 kW) Eng.LTB	84-89	**PA278**				1126044,1233208,5011013,5012322,5023817 A830X8591TA,A840X8591JA,EPW61/ 65
1.6 XR2 (70 kW) Eng.LP1/LP2/LUA/B/C/D/H	1/86-89	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
	84-1/86	**PA232**		•		5008470,5018437,A810X8591SA,EPW33
Fiesta III (GFJ) '1/89-'12/95						
1.0 (33 kW) Eng.TLB	5/91-8/95	**PA440**				1518096,6683522,92BX8591AA,EPW60
	89-4/91	**PA401**				5020437,5025908,5026783,92BX8591BA/ C2B EPW71
1.1 (40 kW) Eng.GUD/E	5/91-8/95	**PA440**				1518096,6683522,92BX8591AA,EPW60
	89-4/91	**PA401**				5020437,5025908,5026783,92BX8591BA/ C2B EPW71
1.1i (37 kW) Eng.G6A	5/91-8/95	**PA440**				1518096,6683522,92BX8591AA,EPW60
	89-4/91	**PA401**				5020437,5025908,5026783,92BX8591BA/ C2B EPW71
1.3, Kat (44 kW) Eng.J6B/JBC	5/91-8/95	**PA440**				1518096,6683522,92BX8591AA,EPW60
	89-4/91	**PA401**				5020437,5025908,5026783,92BX8591BA/ C2B EPW71
1.4 (52 kW) Eng.F6A/B/C/D/E/F/G	1/89-8/95	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.4 (54 kW) Eng.FUA/B/C/D/G/H/J	1/89-8/95	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.4 (55 kW) Eng.FUF	92-96	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.4 Kat (54 kW) Eng.F4A/B	1/89-8/95	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6 (65 kW) Eng.LP1/LP2/LUA/B/C/D/H	1/89-1/94	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6 T. RS (96 kW) Eng.LHA/LNA/B	4/90-92	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6 XR2i (76 kW) Eng.LJD	1/89-8/95	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6 XR2i (81 kW) Eng.LJC	1/89-8/95	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6i 16v (65 kW) Eng.L1E/F/G/H/J/K/L/N/Q	94-95	**PA501**		•		1317021,5025607,928X8591AA,EPW55
1.8 16v XR2i (96 kW) Eng.RQB/C	1/92-8/95	**PA501**		•		1317021,5025607,928X8591AA,EPW55
1.8 D (44 kW) Eng.RTA/B/C/D/E/F/G/H/J/K	1/89-8/95	**PA640**		•		1020988,1023645,1317913,1517749,5020242 88FX8591AA/ AB,96FX8591AA,EPW40/ 82
1.8 TD (57 kW) Eng.RFA/B/D/K/L/M/N/S	93-95	**PA976**			Eng. D18T	1053054,1233202,5020713 88FX8591B1A/ B2B/ BA
	93-95	**PA589A**		•	Eng. D18TI	1031279,1674083,5024297,91FX8591AA 96FX8591EA,EPW52/ 85

PA501	**PA612**	**PA639**	**PA640**
PA742	**PA859**	**PA902**	**PA903**
			
PA938	**PA990**	**PA1247**	**KP859-1**
KP938-1			

		GRAF ref.			NOTE	Adaptable for OES
1.8i 16v (77 kW) Eng.RDA/B	1/92-8/95	**PA501**		•		1317021,5025607,928X8591AA,EPW55
Fiesta IV (JA, JB) '8/95-'1/02						
1.2 i 16v (55 kW) Eng.DHA/B/C/D/E/F/G	95-02	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
1.3 i (37 kW) Eng.JJA/C/E/K/J/M	95-02	**PA639**				1020567,1109341,1518911,96BX8591AA,EPW 81
1.3 i (44 kW) Eng.J4C/L/Q/R/T/J	95-02	**PA639**				1020567,1109341,1518911,96BX8591AA,EPW 81
1.4i 16v (66 kW) Eng.FHA/D/E/F	96-02	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
1.6 16v Sport (76 kW) Eng.L1T/V	00-02	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
1.8 D (44 kW) Eng.RTA/B/C/D/E/F/G/H/J/K	95-00	**PA640**		•		1020988,1023645,1317913,1517749,5020242 88FX8591AA/ AB,96FX8591AA,EPW40/ 82
1.8 Di (55 kW) Eng.RTN/P/Q	00-02	**PA742**				1078500,1079085,1104115,1131878 XS4J8591AC/ DB
Fiesta V (JH) '11/01-'9/08						
1.2 16v (51 kW) Eng.M7JA/B	03-04	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
	05-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.2 16v (55 kW) Eng.FUJA/B	02-04	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
	05-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.3 (51 kW) Eng.A9JA/B	01-	**PA902**				1089795,1229571,1798955,2S6G8591AA
1.3i (44 kW) Eng.BAJA	01-	**PA902**				1089795,1229571,1798955,2S6G8591AA
1.4 16v (59 kW) Eng.FXJA/B	01-04	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
	05-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.4 TDCi (50 kW) Eng.F6JA/B/C	01-	**PA859**		•		1147585,1359942,1366614
	11/01-9/08	**KP859-1**		•	Belt:144x25, PA859	1147585,1211185,1313842,1348648,1359942
1.6 16v (74 kW) Eng.FYJA	01-04	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
	05-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 TDCi (66 kW) Eng.HHJA/B	04-	**PA938**		•		1313842,1364681
	11/04-9/08	**KP938-1**		•	Belt:137x25,4, PA938	1229768,1232179,1313842,1351130,1364681 1373306,1446648,3M5Q8591BB
2.0 ST150 (110 kW) Eng.N4JA/B	05-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
Fiesta VI '10/08-						
1.2 16v (44 kW) Eng.STJA/B	08-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.2 16v (60 kW) Eng.SNJA/B	08-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.4 16v, LPG (71 kW) Eng.SPJA/C,RTJA/B	08-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.4 TDCi (52 kW) Eng.F6JD/KVJA	08-	**PA859**		•		1147585,1359942,1366614
	10/08-	**KP859-1**		•	Belt:144x25, PA859	1147585,1211185,1313842,1348648,1359942
1.6 (70 kW)	08-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 (88 kW) Eng.HXJA,HXJB	08-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 TDCi (55 kW) Eng.HHJF/UBJA	08-	**PA938**		•		1313842,1364681
	10/08-	**KP938-1**		•	Belt:137x25,4, PA938	1229768,1232179,1313842,1351130,1364681 1373306,1446648,3M5Q8591BB
1.6 TDCi (66 kW) Eng.HHJC/D/E	08-	**PA938**		•		1313842,1364681
	10/08-	**KP938-1**		•	Belt:137x25,4, PA938	1229768,1232179,1313842,1351130,1364681 1373306,1446648,3M5Q8591BB
1.6 TDCi (70 kW) Eng.TZJA/B	10-	**PA938**		•		1313842,1364681
1.6 Ti (99 kW) Eng.HDEZ	10-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
Fiesta VII '2/13-						
1.0 (48 kW) Eng.XMJA/B	13-	**PA1247**				1760659
1.0 (59 kW) Eng.FDOX/P4JA/B	13-	**PA1247**				1760659
1.0 (74 kW) Eng.SFJA/B	13-	**PA1247**				1760659
1.0 EcoBoost (92 kW) Eng.M1JE	12-	**PA1247**				1760659
1.2 (44 kW) Eng.STJB	13-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.4 GPL (68-71 kW) Eng.RTJA/B	13-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.5 TDCi (55 kW) Eng.DS0X	13-	**PA938**		•		1313842,1364681
1.6 (77 kW) Eng.IQJA	13-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 ST (134 kW) Eng.JTJA	13-	**PA990**		•		1406479,1472867,1589055,1688697,1778516

PA612

PA741

PA742

PA861

PA903

PA938

PA990

KP861-2

KP938-1

		GRAF ref.			NOTE	Adaptable for OES
1.6 TDCi (70 kW) Eng.DS0X	13-	**PA938**		•		1313842,1364681
Focus C-Max '10/03-'4/08						
1.6 (74 kW) Eng.HWDA/B	03-08	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
1.6 TDCi (66 kW) Eng.HHDA/B	05-08	**PA938**		•		1313842,1364681
	2/05-4/08	**KP938-1**		•	Belt:137x25,4, PA938	1229768,1232179,1313842,1351130,1364681 1373306,1446648,3M5Q8591BB
1.6 TDCi (80 kW) Eng.G8DA/B	03-08	**PA938**		•		1313842,1364681
	10/03-4/08	**KP938-1**		•	Belt:137x25,4, PA938	1229768,1232179,1313842,1351130,1364681 1373306,1446648,3M5Q8591BB
1.6 Ti (85 kW) Eng.HXDA	04-08	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
1.8 (88 kW) Eng.CSDA/B	03-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
1.8 (92 kW) Eng.QQDA/B	04-08	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
1.8 Flexifuel (92 kW) Eng.QQDA/B	06-08	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
1.8 TDCi (85 kW) Eng.KKDA	05-08	**PA742**				1078500,1079085,1104115,1131878 XS4J8591AC/ DB
2.0 (107 kW) Eng.AODA/B	04-08	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 TDCi (100 kW) Eng.G6DA/B	03-08	**PA861**		•		1232499,1432630,1562255,1707009
	03-08	**KP861-2**		•	Belt:116x25, PA861	1231979,1232499,1432630
Focus I, SW '10/98-'10/04						
1.4 16v (55 kW) Eng.FXDA/B/C/D	98-04	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
1.6 16v (74 kW) Eng.FYDA/B/C/D	98-04	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
1.8 16v (85 kW) Eng.EYDB/C/D/E/F	98-04	**PA741**				1053879,1058743,1094596,1114354,1130582 1227902,1317038,1320876,1517732 19BBX8591FA,978M8501NH/ TJ 988X8591EA/ F1D/ FC
1.8 Di / TDDi (55 kW) Eng.BHDA/B	99-04	**PA742**				1078500,1079085,1104115,1131878 XS4J8591AC/ DB
1.8 TDCi (74 kW) Eng.FFDA	02-04	**PA742**				1078500,1079085,1104115,1131878 XS4J8591AC/ DB
1.8 TDCi (85 kW) Eng.F9DA/B	01-04	**PA742**				1078500,1079085,1104115,1131878 XS4J8591AC/ DB
1.8 TDi / TDDi (66 kW) Eng.C9DA/B/C	98-04	**PA742**				1078500,1079085,1104115,1131878 XS4J8591AC/ DB
2.0 16v (96 kW) Eng.EDDB/C/D/F	98-04	**PA741**				1053879,1058743,1094596,1114354,1130582 1227902,1317038,1320876,1517732 19BBX8591FA,978M8501NH/ TJ 988X8591EA/ F1D/ FC
2.0 ST170 (127 kW) Eng.Duratec-ST	02-04	**PA741**				1053879,1058743,1094596,1114354,1130582 1227902,1317038,1320876,1517732 19BBX8591FA,978M8501NH/ TJ 988X8591EA/ F1D/ FC
Focus II '11/04-'3/08						
1.4 (59 kW) Eng.ASDA/B	04-05	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
	05-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 (74 kW) Eng.HWDA/B/SHDA	04-05	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
	05-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 TDCi (66 kW) Eng.HHDA/B	05-08	**PA938**		•		1313842,1364681
	1/05-3/08	**KP938-1**		•	Belt:137x25,4, PA938	1229768,1232179,1313842,1351130,1364681 1373306,1446648,3M5Q8591BB
1.6 TDCi (74 kW) Eng.G8DC/MTDA	04-	**PA938**		•		1313842,1364681
1.6 TDCi (80 kW) Eng.G8DA/B	04-08	**PA938**		•		1313842,1364681
	11/04-3/08	**KP938-1**		•	Belt:137x25,4, PA938	1229768,1232179,1313842,1351130,1364681 1373306,1446648,3M5Q8591BB

PA612

PA742

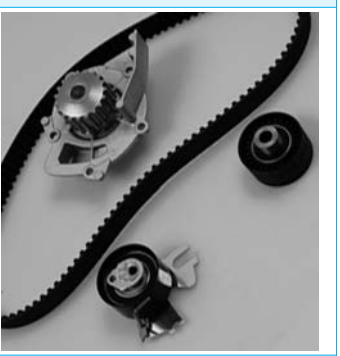
PA861

PA903

PA938

PA990

PA1019



KP861-2

KP938-1

		GRAF ref.			NOTE	Adaptable for OES
1.6 Ti (85 kW) Eng.HXDA	04-05	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
	05-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.8 (92 kW) Eng.QQDB	06-08	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
1.8 Flexifuel (92-96 kW) Eng.QQDA/B	06-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
1.8 TDCi (85 kW) Eng.KKDA	05-	**PA742**				1078500,1079085,1104115,1131878 XS4J8591AC/ DB
2.0 (107 kW) Eng.AODA/B	04-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 TDCi (100 kW) Eng.G6DA/B/D	04-	**PA861**		•		1232499,1432630,1562255,1707009
	04-	**KP861-2**		•	Belt:116x25, PA861	1231979,1232499,1432630
2.0 TDCi (98 kW) Eng.G6DE/F	04-08	**PA861**		•		1232499,1432630,1562255,1707009
2.5 (166 kW) Eng.HYDA	05-08	**PA1019**		•		1388504
Focus II Cabrio '10/06-'3/08						
1.6 (74 kW) Eng.HWDA/B	06-08	**PA990**		•		1406479,1472867,1589055,1688697,1778516
2.0 (107 kW) Eng.AODA/B	06-08	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 TDCi (100 kW) Eng.G6DA/B	06-08	**PA861**		•		1232499,1432630,1562255,1707009
	06-08	**KP861-2**		•	Belt:116x25, PA861	1231979,1232499,1432630
Focus II SW '11/04-'3/08						
1.4 (59 kW) Eng.ASDA/B	05-08	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 (74 kW) Eng.HWDA/B	05-08	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 TDCi (66 kW) Eng.HHDA/B	05-08	**PA938**		•		1313842,1364681
	1/05-3/08	**KP938-1**		•	Belt:137x25,4, PA938	1229768,1232179,1313842,1351130,1364681 1373306,1446648,3M5Q8591BB
1.6 TDCi (74 kW) Eng.G8DC	04-08	**PA938**		•		1313842,1364681
1.6 TDCi (80 kW) Eng.G8DA/B	05-08	**PA938**		•		1313842,1364681
	1/05-3/08	**KP938-1**		•	Belt:137x25,4, PA938	1229768,1232179,1313842,1351130,1364681 1373306,1446648,3M5Q8591BB
1.6 Ti (85 kW) Eng.HXDA	05-08	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.8 (92 kW) Eng.QQDA/B	06-08	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
1.8 Flexifuel (92 kW) Eng.QQDA/B	1/06-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
1.8 TDCi (85 kW) Eng.KKDA	05-	**PA742**				1078500,1079085,1104115,1131878 XS4J8591AC/ DB
2.0 (107 kW) Eng.AODA/B	04-08	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 TDCi (100 kW) Eng.G6DA/B	05-	**PA861**		•		1232499,1432630,1562255,1707009
	05-	**KP861-2**		•	Belt:116x25, PA861	1231979,1232499,1432630
2.0 TDCi (98 kW) Eng.G6DE/F	04-08	**PA861**		•		1232499,1432630,1562255,1707009
Focus III CC '4/08-'4/11						
1.6 (74 kW) Eng.SHDA	08-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
2.0 TDCi (100 kW) Eng.G6DA/B	08-	**PA861**		•		1232499,1432630,1562255,1707009
	08-11	**KP861-2**		•	Belt:116x25, PA861	1231979,1232499,1432630
Focus III, SW '1/08-'4/11						
1.6 (74 kW) Eng.HDEZ	10-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 TDCi (66 kW) Eng.HHDA	08-	**PA938**		•		1313842,1364681
1.6 TDCi (80 kW) Eng.G8DB	08-	**PA938**		•		1313842,1364681
1.6 Ti, LPG (85 kW) Eng.HXDA	08-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.8 (92 kW) Eng.Q7DA/B	08-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
1.8 TDCi (85 kW) Eng.KKDA	08-	**PA742**				1078500,1079085,1104115,1131878 XS4J8591AC/ DB
2.0 TDCi (100 kW) Eng.G6DB/D	08-	**PA861**		•		1232499,1432630,1562255,1707009
	08-11	**KP861-2**		•	Belt:116x25, PA861	1231979,1232499,1432630
2.0 TDCi (81 kW) Eng.C20DD0X	08-	**PA861**		•		1232499,1432630,1562255,1707009
2.0, CNG, LPG (107 kW) Eng.AODA/B	08-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.5 T 20v RS (224 kW) Eng.JZDA	09-	**PA1019**		•		1388504

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PA878

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PA902

PA903

PA938

PA990

PA1019

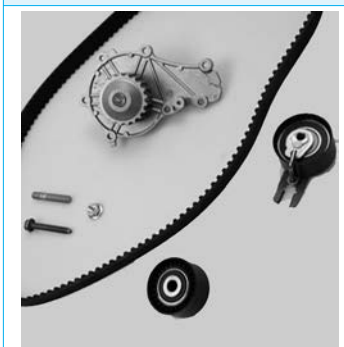
PA1104

PA1105

PA1110

KP762-1

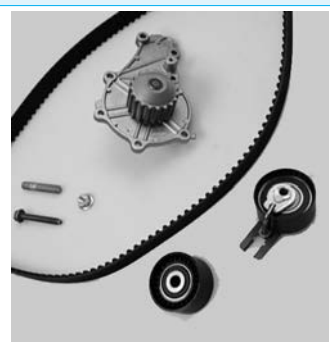
KP762-2



KP859-1

KP878-1

KP879-1



KP938-1

		GRAF ref.			NOTE	Adaptable for OES
2.5 T 20v RS500 (257 kW) Eng.JZDA	10-11	**PA1019**		•		1388504
2.5 T. (166 kW) Eng.HYDA	08-	**PA1019**		•		1388504
Focus IV (TA), SW '4/11-						
1.6 (77 kW) Eng.IQDB	11-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 (92 kW) Eng.HDEZ	11-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 Ecoboost (110 kW) Eng.JQDA/B	11-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 EcoBoost (134 kW) Eng.JTDA/B	11-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 Flexifuel (88 kW) Eng.MUDA	11-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 TDCi (70 kW) Eng.T3DA/B	11-	**PA938**		•		1313842,1364681
1.6 TDCi (84 kW) Eng.T1DA/B	11-	**PA938**		•		1313842,1364681
1.6 TDCi Econetic (77 kW) Eng.NGDA	12-	**PA938**		•		1313842,1364681
1.6 Ti (63 kW) Eng.XTDA	11-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
2.0 ST (184 kW) Eng.DH0D	12-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 TDCi (100-103 kW) Eng.UKDB/UFDB	11-	**PA1110**		•		1694898,1727556
2.0 TDCi (120 kW) Eng.TXDB	11-	**PA1110**		•		1694898,1727556
2.0 TDCi (85 kW) Eng.TYDA	11-	**PA1110**		•		1694898,1727556
Fusion (JU) '8/02-						
1.2 16v (55 kW) Eng.FUJA/B	04-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.3 (44 kW) Eng.BAJA	02-	**PA902**				1089795,1229571,1798955,2S6G8591AA
1.4 16v (59 kW) Eng.FXJA/B/C/UTJA	05-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
	10/02-04	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
1.4 TDCi (50 kW) Eng.F6JA/B	8/02-	**PA859**		•		1147585,1359942,1366614
	8/02-	**KP859-1**		•	Belt:144x25, PA859	1147585,1211185,1313842,1348648,1359942
1.6 16v (74 kW) Eng.FYJA/B	02-04	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
	05-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 TDCi (66 kW) Eng.HHJA/B	11/04-	**PA938**		•		1313842,1364681
	11/04-	**KP938-1**		•	Belt:137x25,4, PA938	1229768,1232179,1313842,1351130,1364681 1373306,1446648,3M5Q8591BB
Galaxy I (VX, WGR, VY) '3/95-'8/06						
1.9 TDi (110 kW) Eng.BTB	05-06	**PA879**		•		1250684/ 5
1.9 TDi (66 kW) Eng.ANU/1Z/AHU	00-	**PA878**		•	Eng. ANU	1310015,1457395
	95-	**PA279**	•			1031879
	95-	**PA1104**	•		+RB, +PS	-
	95-	**PA579**			+BH	1031879
	95-	**PA1105**			+RB, +BH,, +PS	-
	-4/02	**KP762-2**		•	Eng.ANU, Belt:120x30, PA762	1100635,1225896,1310015,1457395 RM3M218501BA,RXM218501AA
	5/02-	**KP878-1**		•	Eng.ANU, Belt:120x30, PA878	1310015/ 1457395
1.9 TDi (81 kW) Eng.AFN/AVG	97-00	**PA279**	•			1031879
	97-00	**PA1104**	•		+RB, +PS	-
	97-00	**PA579**			+BH	1031879
	97-00	**PA1105**			+RB, +BH,, +PS	-
1.9 TDi (85 kW) Eng.AUY	00-	**PA878**		•		1310015,1457395
	4/00-3/02	**KP762-2**		•	Belt:120x30, PA762	1100635,1225896,1310015,1457395 RM3M218501BA,RXM218501AA
	4/02-4/02	**KP762-1**		•	Belt:120x30, PA762	1100635,1225896,1310015,1457395 RM3M218501BA,RXM218501AA
	5/02-	**KP878-1**		•	Belt:120x30, PA878	1310015/ 1457395
1.9 TDi (96 kW) Eng.ASZ	03-	**PA879**		•		1250684/ 5
	2/03-8/06	**KP879-1**		•	Belt:120x30, PA879	1250685,3M218501AA

PA036

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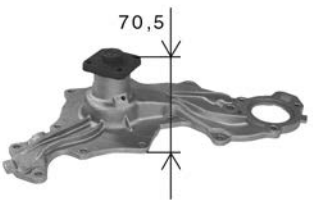
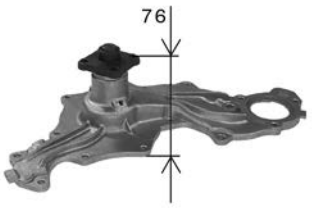


PA130

PA131



PA174

PA189

PA517

PA588

PA617

PA742

PA861

PA903

PA938

PA990

PA1041

PA1049

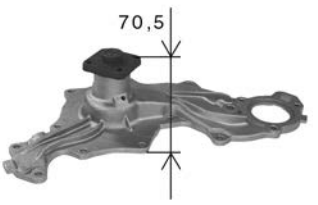
PA1110

KP861-2

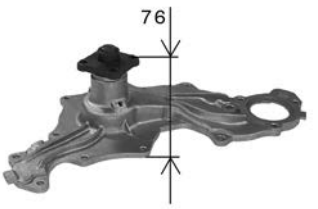
		GRAF ref.			NOTE	Adaptable for OES
2.0 i (85 kW) Eng.NSE/ZVSA	95-00	**PA588**				1320086,6189520,7087383,91XM8501AA,EPW75
2.3 16v (103 kW) Eng.E5SB	01-	**PA588**				1320086,6189520,7087383,91XM8501AA,EPW75
2.3 16v (107 kW) Eng.Y5B/E5SA	97-	**PA588**				1320086,6189520,7087383,91XM8501AA,EPW75
2.8 i V6, 4WD (128 kW) Eng.AAA/AMY	96-00	**PA617**	•			1001889,1059843,1213357
2.8 V6 (150 kW) Eng.AYL	00-11/01	**PA617**	•			1001889,1059843,1213357
	11/01-06	**PA1041**		•		1197940
Galaxy II '9/06-						
1.6 (118 kW) Eng.JTWA/B	11-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 TDCi (85 kW)	11-	**PA938**		•		1313842,1364681
1.8 TDCi (74 kW) Eng.FFWA	06-	**PA742**				1078500,1079085,1104115,1131878 XS4J8591AC/ DB
1.8 TDCi (92 kW) Eng.QYWA	06-	**PA742**				1078500,1079085,1104115,1131878 XS4J8591AC/ DB
2.0 (107 kW) Eng.AOWA/B	06-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 EcoBoost (146 kW) Eng.TNWB	10-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 Flexifuel (107 kW) Eng.TBWA/B	06-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 SCTi (149 kW) Eng.TNWA	10-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 TDCi (103 kW) Eng.QZWA	06-	**PA861**		•		1232499,1432630,1562255,1707009
	06-	**KP861-2**		•	Belt:116x25, PA861	1231979,1232499,1432630
2.0 TDCi (120 kW) Eng.TXWA	10-	**PA1110**		•		1694898,1727556
2.0 TDCi (85 kW) Eng.KLWA	07-2/10	**PA861**		•		1232499,1432630,1562255,1707009
	3/10-	**PA1110**		•		1694898,1727556
2.0 TDCi (96 kW) Eng.AZWA	06-	**PA861**		•		1232499,1432630,1562255,1707009
	06-	**KP861-2**		•	Belt:116x25, PA861	1231979,1232499,1432630
2.2 TDCi (129 kW) Eng.BBA/BBD	08-	**PA1049**		•		1559259
2.2 TDCi (147 kW) Eng.KNWA	10-	**PA1049**		•		1559259
2.3 (118 kW) Eng.SEWA	07-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
Granada I (GGTL,FL), SW '1/72-'8/77						
1.7 (55 kW) Eng.17M/EV17L	72-75	**PA036**				5005036,603089,6036362,A790X8591DAA EPW538
2.0 (66 kW) Eng.NYP/TL20H	75-77	**PA130**				1499785,5005193,5025833,6043064,71F8501 AA A790X8591HBA,EPW980
	75-77	**PA174**			+AF	1527289,5005194,5007749,5007852,6043065 6049790,A810X8591FA/ HA,EPW56/ 58/ 981
2.3, Coupe (79 kW) Eng.YYH/TV23	72-77	**PA130**				1499785,5005193,5025833,6043064,71F8501 AA A790X8591HBA,EPW980
	72-77	**PA174**			+AF	1527289,5005194,5007749,5007852,6043065 6049790,A810X8591FA/ HA,EPW56/ 58/ 981
2.6, Coupe (92 kW) Eng.UYV6	72-76	**PA130**				1499785,5005193,5025833,6043064,71F8501 AA A790X8591HBA,EPW980
	72-76	**PA174**			+AF	1527289,5005194,5007749,5007852,6043065 6049790,A810X8591FA/ HA,EPW56/ 58/ 981
3.0, Coupe (101 kW) Eng.EV30H	72-76	**PA130**				1499785,5005193,5025833,6043064,71F8501 AA A790X8591HBA,EPW980
	72-76	**PA174**			+AF	1527289,5005194,5007749,5007852,6043065 6049790,A810X8591FA/ HA,EPW56/ 58/ 981
Granada II (GU), SW '8/77-'8/85						
1.7 (48-51-55 kW) Eng.17M/EV17L	77-81	**PA036**				5005036,603089,6036362,A790X8591DAA EPW538
1.9 D (Exc. SW) (40 kW) Eng.XD4.88	77-82	**PA189**				1582105/ 6,5004976/ 7,EPW15/ 16
2.0 (64 kW) Eng.OHCLC	77-79	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
	77-79	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
	77-79	**PA517**			+RB, +AF, +PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51

PA083

PA117



PA130



PA174

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		GRAF ref.			NOTE	Adaptable for OES
2.0 (66 kW) Eng.NYP/TL20H	1/79-85	**PA083**			+AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19,EPW57
	8/77-1/79	**PA130**				1499785,5005193,5025833,6043064,71F8501 AA A790X8591HBA,EPW980
	8/77-1/79	**PA174**			+AF	1527289,5005194,5007749,5007852,6043065 6049790,A810X8591FA/ HA,EPW56/ 58/ 981
2.0 (74 kW) Eng.NEP/TL20H	79-85	**PA083**			+AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19,EPW57
2.0 (77 kW) Eng.NEK	81-85	**PA083**			+AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19,EPW57
2.1 D (Exc. SW) (46 kW) Eng.WTA	77-82	**PA189**				1582105/ 6,5004976/ 7,EPW15/ 16
2.3 (79 kW) Eng.YYH/TV23	77-79	**PA130**				1499785,5005193,5025833,6043064,71F8501 AA A790X8591HBA,EPW980
	77-79	**PA174**			+AF	1527289,5005194,5007749,5007852,6043065 6049790,A810X8591FA/ HA,EPW56/ 58/ 981
2.3 (82 kW) Eng.YYU/TV23	81-85	**PA083**			+AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19,EPW57
2.3 (84 kW) Eng.YYP/TV23	79-85	**PA083**			+AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19,EPW57
2.5 D (51 kW) Eng.STP	82-85	**PA297**				5009823,5024638,83EF8501AA,89EX8591AA EPW45
2.8 (97 kW) Eng.PYU/TV28	81-85	**PA083**			+AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19,EPW57
2.8 (99 kW) Eng.PYA/TV28	1/79-85	**PA083**			+AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19,EPW57
	8/77-1/79	**PA130**				1499785,5005193,5025833,6043064,71F8501 AA A790X8591HBA,EPW980
	8/77-1/79	**PA174**			+AF	1527289,5005194,5007749,5007852,6043065 6049790,A810X8591FA/ HA,EPW56/ 58/ 981
2.8 i (108 kW) Eng.PRD/TV28	1/79-85	**PA083**			+AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19,EPW57
	8/77-1/79	**PA130**				1499785,5005193,5025833,6043064,71F8501 AA A790X8591HBA,EPW980
	8/77-1/79	**PA174**			+AF	1527289,5005194,5007749,5007852,6043065 6049790,A810X8591FA/ HA,EPW56/ 58/ 981
2.8 i (110 kW) Eng.PRC/TV28	82-85	**PA083**			+AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19,EPW57
2.8 i (118 kW) Eng.PRB/TV28	1/79-81	**PA083**			+AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19,EPW57
	8/77-1/79	**PA130**				1499785,5005193,5025833,6043064,71F8501 AA A790X8591HBA,EPW980
	8/77-1/79	**PA174**			+AF	1527289,5005194,5007749,5007852,6043065 6049790,A810X8591FA/ HA,EPW56/ 58/ 981
Granada III (GAE, GGE) '4/85-'9/94						
1.8 (66 kW) Eng.REC	85-92	**PA295**				5012359,A840X8591KA,EPW66
2.0 (77 kW) Eng.N8D/NEL/TL20H	85-89	**PA117**			Eng. B-OHC	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
	85-89	**PA295**			Eng. OHC	5012359,A840X8591KA,EPW66
2.0 i (74 kW) Eng.NRC	85-89	**PA117**			Eng. B-OHC	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
	85-89	**PA295**			Eng. OHC	5012359,A840X8591KA,EPW66
2.0 i (85 kW) Eng.NRA/I/TL20EFi	-92	**PA117**			Eng. B-OHC	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
	-92	**PA295**			Eng. OHC	5012359,A840X8591KA,EPW66
	92-	**PA588**				1320086,6189520,7087383,91XM8501AA,EP W75
2.0 i, SW (85 kW) Eng.N9F	91-94	**PA588**				1320086,6189520,7087383,91XM8501AA,EP W75
2.0 i, SW (88 kW) Eng.N9D	-91	**PA429A**				1518910,1651816,6457409,7087382 91WM8501AA,EPW74
	91-	**PA588**				1320086,6189520,7087383,91XM8501AA,EP W75
2.4 i (96 kW) Eng.ARC	86-88	**PA548**				1025656,1518115,5012434,A840X8591MA,EP W14
2.4 i, Kat, SW (92 kW) Eng.ARD	88-94	**PA548**				1025656,1518115,5012434,A840X8591MA,EP W14

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		GRAF ref.			NOTE	Adaptable for OES
2.5 D (51 kW) Eng.STR	85-88	**PA297**				5009823,5024638,83EF8501AA,89EX8591AA EPW45
	88-94	**PA303**				5019394,88GX8591AA
2.5 TD, SW (68 kW) Eng.SFA/B	88-93	**PA303**				5019394,88GX8591AA
2.5 TD, SW (85 kW) Eng.SCB	93-94	**PA420A**	•			7072641,V94DD8501AA
2.8 i, 4WD (110 kW) Eng.PRE/TV28	85-86	**PA322**				5011846,5026076,92TX8591DA,A830X8591CTA EPW64
2.9 i 24v, SW (143 kW) Eng.BOA	91-94	**PA548**				1025656,1518115,5012434,A840X8591MA,EPW14
2.9 i, 4WD (110 kW) Eng.BRC	86-94	**PA548**				1025656,1518115,5012434,A840X8591MA,EPW14
2.9 i, 4WD, SW (107 kW) Eng.BRD/BRE/BRF	86-94	**PA548**				1025656,1518115,5012434,A840X8591MA,EPW14
Ka I (RB) '9/96-'11/08						
1.3 i (36 kW) Eng.JJD/F/G/H/L	98-	**PA639**				1020567,1109341,1518911,96BX8591AA,EPW81
1.3 i (37 kW) Eng.JJB	96-	**PA639**				1020567,1109341,1518911,96BX8591AA,EPW81
1.3 i (44 kW) Eng.J4D/K/M/N/P/S	96-	**PA639**				1020567,1109341,1518911,96BX8591AA,EPW81
1.3 i (51 kW) Eng.A9JA/B	02-	**PA639**				1020567,1109341,1518911,96BX8591AA,EPW81
1.6 (68 kW)	06-07	**PA902**				1089795,1229571,1798955,2S6G8591AA
1.6i SportKa (70 kW) Eng.CDB/C	03-	**PA902**				1089795,1229571,1798955,2S6G8591AA
Ka II '12/08-						
1.2 8v (51 kW) Eng.LSED	08-	**PA1030**		•	Imp. Tesma	1581511
1.3 TDCi (55 kW) Eng.DD0X	08-	**PA1083**				1538706
Kuga I '6/08-						
2.0 TDCi (100 kW) Eng.G6DG	08-	**PA861**		•		1232499,1432630,1562255,1707009
2.0 TDCi 4WD (120 kW) Eng.TXDA	10-	**PA1110**		•		1694898,1727556
2.0 TDCi, 4WD (103 kW) Eng.UFDA	10-	**PA1110**		•		1694898,1727556
2.5 (147 kW) Eng.HYDB	09-	**PA1019**		•		1388504
Kuga II '3/13-						
1.6 Ecoboost (110 kW)	13-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 Ecoboost 4WD (134 kW)	13-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
2.0 TDCi 4WD (120 kW)	13-	**PA1110**		•		1694898,1727556
2.0 TDCi, 4WD (103 kW)	13-	**PA1110**		•		1694898,1727556
Maverick I '2/93-'4/98						
2.7 TD (74 kW) Eng.TD27	93-96	**PA932**				1953221
2.7 TD (92 kW) Eng.TD27E	96-	**PA932**				1953221
Maverick II '2/01-						
2.3 16v (110 kW) Eng.GZ	04-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
Mondeo I (GBP), SW '2/93-'8/96						
1.6i 16v (65 kW) Eng.L1E/F/G/H/J/K/L/N/Q	94-96	**PA509**		•		1566241,6878045,EPW076
1.6i 16v (66 kW) Eng.L1E/F/G/H/J/K/L/N/Q	93-96	**PA509**		•		1566241,6878045,EPW076
1.8 i 16v (82 kW) Eng.RKB	94-96	**PA509**		•		1566241,6878045,EPW076
1.8 i 16v, 4WD (85 kW) Eng.RKA	93-96	**PA509**		•		1566241,6878045,EPW076
1.8 TD (65-66 kW) Eng.RFA/B/D/K/L/M/N/S	93-96	**PA590**		•		1318354,5028472
2.0 i 16v, 4WD (97-100 kW) Eng.NGA	93-96	**PA509**		•		1566241,6878045,EPW076
2.5 24v (125 kW) Eng.SEA	94-96	**PA974**	•			3006897,3667653,3715703,3800766,4096620 4356532,4448290,4551517,7269023
Mondeo II (BAP), SW '9/96-'11/00						
1.6 i 16v (70 kW) Eng.L1L/N/Q	98-00	**PA741**				1053879,1058743,1094596,1114354,1130582 1227902,1317038,1320876,1517732 19BBX8591FA,978M8501NH/ TJ 988X8591EA/ F1D/ FC
1.6i 16v (66 kW) Eng.L1E/F/G/H/J/K/L/N/Q	96-98	**PA509**		•		1566241,6878045,EPW076
	98-00	**PA741**				1053879,1058743,1094596,1114354,1130582 1227902,1317038,1320876,1517732 19BBX8591FA,978M8501NH/ TJ 988X8591EA/ F1D/ FC
1.8 i (85 kW) Eng.RKB/F/H/K/J	96-98	**PA509**		•		1566241,6878045,EPW076

PA509

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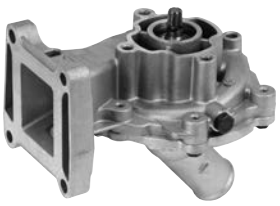

PA807

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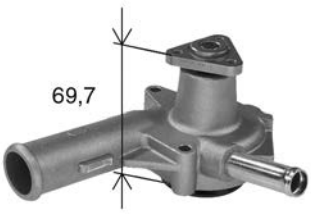
		GRAF ref.			NOTE	Adaptable for OES
1.8 i (85 kW) Eng.RKB/F/H/K/J	98-00	**PA741**				1053879,1058743,1094596,1114354,1130582 1227902,1317038,1320876,1517732 19BBX8591FA,978M8501NH/ TJ 988X8591EA/ F1D/ FC
1.8 TD (66 kW) Eng.RFA/B/D/K/L/M/N/S	96-00	**PA590**		•		1318354,5028472
2.0 i (96 kW) Eng.NGA/B/C/D	5/98-	**PA741**				1053879,1058743,1094596,1114354,1130582 1227902,1317038,1320876,1517732 19BBX8591FA,978M8501NH/ TJ 988X8591EA/ F1D/ FC
	96-4/98	**PA509**		•		1566241,6878045,EPW076
2.5 24v (125 kW) Eng.SEA	96-00	**PA974**	•			3006897,3667653,3715703,3800766,4096620 4356532,4448290,4551517,7269023
2.5 ST 200 (151 kW) Eng.SGA	99-00	**PA974**	•			3006897,3667653,3715703,3800766,4096620 4356532,4448290,4551517,7269023
Mondeo III (B5Y), SW '11/00-'4/07						
1.8 16v (81 kW) Eng.CGBA/B	11/00-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
1.8 16v (92 kW) Eng.CHBA/B	11/00-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
1.8 SCi (96 kW) Eng.CFBA	03-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 16v (107 kW) Eng.CJBA/B	11/00-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 16v Di / TDDi (66 kW) Eng.D5BA	11/00-	**PA839**	•			1116996,1143851,1341835,1347102,1417825 1477444
	11/00-	**PA807**			+BH	1116996,1143851,1341835,1347102,1417825 1477444,1669335
2.0 16v Di / TDDi (85 kW) Eng.HJBA/B/C/D6BA	11/00-	**PA839**	•			1116996,1143851,1341835,1347102,1417825 1477444
	11/00-	**PA807**			+BH	1116996,1143851,1341835,1347102,1417825 1477444,1669335
2.0 TDCi (96 kW) Eng.FMBA/B	01-07	**PA839**	•			1116996,1143851,1341835,1347102,1417825 1477444
	01-07	**PA807**			+BH	1116996,1143851,1341835,1347102,1417825 1477444,1669335
2.2 TDCi (114 kW) Eng.QJBA/B	04-07	**PA839**	•			1116996,1143851,1341835,1347102,1417825 1477444
	04-07	**PA807**			+BH	1116996,1143851,1341835,1347102,1417825 1477444,1669335
2.5 V6 24v (125 kW) Eng.LCBD	00-	**PA956**	•			4373611,4431771,4514060
3.0 ST220 (166 kW) Eng.MEBA	02-	**PA956**	•			4373611,4431771,4514060
3.0 V6 24v (150 kW) Eng.REBA	04-	**PA956**	•			4373611,4431771,4514060
Mondeo IV, SW '5/07-						
1.6 (81 kW) Eng.RHBA	07-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 EcoBoost (118 kW) Eng.JTBB	11-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 TDCi (85 kW) Eng.T1BB	11-	**PA938**		•		1313842,1364681
1.6 Ti (88 kW) Eng.KGBA	10-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 Ti (92 kW) Eng.RHBA/PNBA	07-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.8 TDCi (74 kW) Eng.FFBA	07-	**PA742**				1078500,1079085,1104115,1131878 XS4J8591AC/ DB
1.8 TDCi (92 kW) Eng.QYBA/KHBA	07-	**PA742**				1078500,1079085,1104115,1131878 XS4J8591AC/ DB
2.0 (149 kW) Eng.TNBA	10-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 EcoBoost (176 kW) Eng.TPBA	10-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 LPG (107 kW) Eng.TBBA	09-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 TDCi (100 kW) Eng.AZBC	07-	**PA861**		•		1232499,1432630,1562255,1707009
2.0 TDCi (103 kW) Eng.QXBA	07-	**PA861**		•		1232499,1432630,1562255,1707009
2.0 TDCi (120 kW) Eng.TXBA	10-	**PA1110**		•		1694898,1727556
2.0 TDCi (85 kW) Eng.KLBA	07-	**PA861**		•		1232499,1432630,1562255,1707009
2.0 TDCi (96 kW) Eng.AZBA	07-	**PA861**		•		1232499,1432630,1562255,1707009

PA153

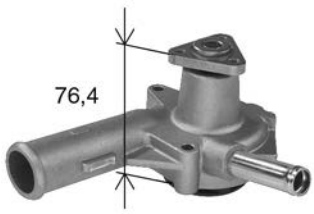
PA232

PA278

PA321



PA401



PA440

PA501

Girante Turbina
Turbine Impeller

PA589A

PA612

PA640

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PA976

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PA1049

		GRAF ref.			NOTE	Adaptable for OES
2.0, Flexifuel (107 kW) Eng.AODA/B	07-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.2 TDCi (129 kW) Eng.BBA/BBD	08-	**PA1049**		•		1559259
2.2 TDCi (147 kW) Eng.KNBA	10-	**PA1049**		•		1559259
2.3 (118 kW) Eng.SEBA	07-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.5 (162 kW) Eng.HUBA	07-	**PA1019**		•		1388504
Orion I (AFD) '7/83-'3/86						
1.3 (51 kW) Eng.JPA/C	83-86	**PA232**		•		5008470,5018437,A810X8591SA,EPW33
1.6 (58 kW) Eng.LP1/LP2/LUA/B/C/D/H	83-86	**PA232**		•		5008470,5018437,A810X8591SA,EPW33
1.6 D (40 kW) Eng.LTA/B/C	84-86	**PA278**				1126044,1233208,5011013,5012322,5023817 A830X8591TA,A840X8591JA,EPW61/ 65
1.6i (77 kW) Eng.LR1/LRA/B	83-86	**PA232**		•		5008470,5018437,A810X8591SA,EPW33
Orion II (AFF) '12/85-'7/90						
1.3 (44 kW) Eng.JLA/B/JBB	85-90	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
1.3 (51 kW) Eng.JPA/C	86-88	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
1.4 (52 kW) Eng.F6A/B/C/D/E/F/G	86-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.4 (54 kW) Eng.FUA/B/C/D/G/H/J	86-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.4 (55 kW) Eng.FUA/B/C/D/G/H/J	85-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.4 Kat (54 kW) Eng.F6D/F6B/FUC	87-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6 (66 kW) Eng.LP1/LP2/LUA/B/C/D/H	85-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6 D (40 kW) Eng.LTA/B/C	85-90	**PA278**				1126044,1233208,5011013,5012322,5023817 A830X8591TA,A840X8591JA,EPW61/ 65
1.6 i (75 kW) Eng.LJB	89-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6i (77 kW) Eng.LR1/LRA/B	86-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6i Kat (66 kW) Eng.L4B	86-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.8 D (44 kW) Eng.RTA/B/C/D/E/F/G/H/J/K	89-90	**PA640**		•		1020988,1023645,1317913,1517749,5020242 88FX8591AA/ AB,96FX8591AA,EPW40/ 82
Orion III (GAL) '7/90-'12/93						
1.3 (44 kW) Eng.J4B/J6A	5/91-	**PA440**				1518096,6683522,92BX8591AA,EPW60
	90-4/91	**PA401**				5020437,5025908,5026783,92BX8591BA/ C2B EPW71
1.4 (52 kW) Eng.F6A/B/C/D/E/F/G	90-93	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.4 (54 kW) Eng.F6A/B/C/D/E/F/G	90-93	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6i (77 kW) Eng.LJF	90-92	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6i 16v (66 kW) Eng.L1E/F/G/H/J/K/L/N/Q	92-93	**PA501**		•		1317021,5025607,928X8591AA,EPW55
1.6i, 16v (66 kW) Eng.LUG/K/J	90-92	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.8 16v (96 kW) Eng.RQB/C	92-93	**PA501**		•		1317021,5025607,928X8591AA,EPW55
1.8 D (44 kW) Eng.RTA/B/C/D/E/F/G/H/J/K	90-93	**PA640**		•		1020988,1023645,1317913,1517749,5020242 88FX8591AA/ AB,96FX8591AA,EPW40/ 82
1.8 TD (66 kW) Eng.RFA/B/D/K/L/M/N/S	92-93	**PA976**			Eng. D18T	1053054,1233202,5020713 88FX8591B1A/ B2B/ BA
	92-93	**PA589A**		•	Eng. D18TI	1031279,1674083,5024297,91FX8591AA 96FX8591EA,EPW52/ 85
1.8i 16v (77 kW) Eng.RDA/B	92-93	**PA501**		•		1317021,5025607,928X8591AA,EPW55
Puma (EC) '3/97-						
1.4i 16v (66 kW) Eng.FHA/D/E/F	97-00	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80

PA117

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PA802

		GRAF ref.			NOTE	Adaptable for OES
1.6 16v (76 kW) Eng.FYJA	8/00-	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
1.7 16v (92 kW) Eng.MHA/B	97-	**PA612**				1007714,1020538,1132607,1326374,1350461 1376162,1566239,96MX8591AA,EPW80
Scorpio I (GAE, GGE) '4/85-'9/94						
1.8 (66 kW) Eng.REC	4/85-89	**PA295**				5012359,A840X8591KA,EPW66
2.0 (77 kW) Eng.N8D/NEL/TL20H	4/85-89	**PA295**				5012359,A840X8591KA,EPW66
2.0 (80 kW) Eng.N8B	2/91-92	**PA588**				1320086,6189520,7087383,91XM8501AA,EP W75
	4/85-89	**PA295**				5012359,A840X8591KA,EPW66
	89-1/91	**PA429A**				1518910,1651816,6457409,7087382 91WM8501AA,EPW74
2.0 (85 kW) Eng.NRA/I/TL20EFi	2/91-94	**PA588**				1320086,6189520,7087383,91XM8501AA,EP W75
	4/85-89	**PA295**				5012359,A840X8591KA,EPW66
	89-1/91	**PA429A**				1518910,1651816,6457409,7087382 91WM8501AA,EPW74
2.0 i (74 kW) Eng.NRC	4/85-89	**PA295**				5012359,A840X8591KA,EPW66
	89-90	**PA429A**				1518910,1651816,6457409,7087382 91WM8501AA,EPW74
2.0 i (92 kW) Eng.N9B/C/D/F	2/91-92	**PA588**				1320086,6189520,7087383,91XM8501AA,EP W75
	89-1/91	**PA429A**				1518910,1651816,6457409,7087382 91WM8501AA,EPW74
2.0 i, SW (85 kW) Eng.N9B/C/D/F	2/91-94	**PA588**				1320086,6189520,7087383,91XM8501AA,EPW75
2.0 i, SW (88 kW) Eng.N9B/C/D/F	2/91-94	**PA588**				1320086,6189520,7087383,91XM8501AA,EPW75
	89-1/91	**PA429A**				1518910,1651816,6457409,7087382 91WM8501AA,EPW74
2.4 i (96 kW) Eng.ARC	86-88	**PA548**				1025656,1518115,5012434,A840X8591MA,EPW14
2.4 i, Kat, SW (92 kW) Eng.ARD	88-94	**PA548**				1025656,1518115,5012434,A840X8591MA,EP W14
2.5 D (51 kW) Eng.STR	85-92	**PA297**				5009823,5024638,83EF8501AA,89EX8591AA EPW45
2.5 TD, SW (68 kW) Eng.SFA/B	88-93	**PA303**				5019394,88GX8591AA
2.5 TD, SW (85 kW) Eng.SCB	93-94	**PA420A**	•			7072641,V94DD8501AA
2.8 i, 4WD (110 kW) Eng.PRE/TV28	85-86	**PA322**				5011846,5026076,92TX8591DA,A830X8591CTA EPW64
2.9 i 24v, SW (143 kW) Eng.BOA	91-94	**PA548**				1025656,1518115,5012434,A840X8591MA,EPW14
2.9 i, 4WD (110 kW) Eng.BRC	86-94	**PA548**				1025656,1518115,5012434,A840X8591MA,EPW14
2.9 i, 4WD, SW, KAT (107 kW) Eng.BRD/BRE/BRF	86-94	**PA548**				1025656,1518115,5012434,A840X8591MA,EPW14
Scorpio II (GFR,GGR,GNR), SW '10/94-'8/98						
2.0 i (85 kW) Eng.NSF/G/H/D	94-98	**PA588**				1320086,6189520,7087383,91XM8501AA,EPW75
2.0 i 16v (100 kW) Eng.N3A	94-98	**PA588**				1320086,6189520,7087383,91XM8501AA,EPW75
2.3 16v (108 kW) Eng.Y5A	96-98	**PA588**				1320086,6189520,7087383,91XM8501AA,EPW75
2.5 TD (85 kW) Eng.SCC/SF/SC/VM	9/96-98	**PA802**	•		Impeller Ø 71mm	1032940
	9/96-98	**PA671**	•		Impeller Ø 76mm	1032940
	94-9/96	**PA420A**	•			7072641,V94DD8501AA
2.5 TD (92 kW) Eng.SCC/SF/SC/VM	96-98	**PA802**	•		Impeller Ø 71mm	1032940
	96-98	**PA671**	•		Impeller Ø 76mm	1032940
2.9 i (110 kW) Eng.BRG	95-98	**PA548**				1025656,1518115,5012434,A840X8591MA,EPW14
2.9 i 24v (152 kW) Eng.BOB	94-98	**PA548**				1025656,1518115,5012434,A840X8591MA,EPW14
Sierra I, SW '8/82-'12/86						
1.3 (Exc. SW) (44 kW) Eng.JCT	10/84-86	**PA295**			+AF, +PS	5012359,A840X8591KA,EPW66
	6/82-10/84	**PA517**			+RB, +AF, +PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
	82-86	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
	82-86	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
1.6 (55 kW) Eng.LCS/T/LSD	10/84-86	**PA295**			+AF, +PS	5012359,A840X8591KA,EPW66
	6/82-10/84	**PA517**			+RB, +AF, +PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
	82-86	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746

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		GRAF ref.			NOTE	Adaptable for OES
1.6 (55 kW) Eng.LCS/T/LSD	82-86	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
1.6 (Exc. SW) (58 kW) Eng.LP1/LP2/LUA/B/C/D/H	10/84-86	**PA295**			+AF, +PS	5012359,A840X8591KA,EPW66
	84-86	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
	84-86	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
1.8 (66 kW) Eng.REB	84-86	**PA400**		•		5020121,88YX8591AA,EPW97
2.0 (66 kW) Eng.NYT	82-84	**PA083**			+AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19,EPW57
2.0 (74 kW) Eng.NRD/TL20H	85-86	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
	85-86	**PA517**			+RB, +PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
2.0 (77 kW) Eng.NET/TL20H	82-86	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
	82-86	**PA517**			+RB, +PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
2.0 i (85 kW) Eng.NR2/NRB/TL20EFi	85-86	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
	85-86	**PA517**			+RB, +PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
2.3 (84 kW) Eng.YYT/TV23	10/84-86	**PA322**				5011846,5026076,92TX8591DA,A830X8591CT A EPW64
	6/82-10/84	**PA083**			+AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19,EPW57
2.3 D (49 kW) Eng.YTR/T	6/82-86	**PA297**				5009823,5024638,83EF8501AA,89EX8591AA EPW45
2.8 i XR 4WD (105-107 kW) Eng.TV28	83-86	**PA322**				5011846,5026076,92TX8591DA,A830X8591CT A EPW64
2.8 XR, 4WD (110 kW) Eng.PRT/TV28	10/84-86	**PA322**				5011846,5026076,92TX8591DA,A830X8591CT A EPW64
	6/82-10/84	**PA083**			+AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19,EPW57
2.8 XR4i (105 kW) Eng.PR6/TV28	82-86	**PA322**				5011846,5026076,92TX8591DA,A830X8591CT A EPW64
2.8 XR4i (107 kW) Eng.PR5/TV28	82-86	**PA322**				5011846,5026076,92TX8591DA,A830X8591CT A EPW64
						Sierra II, SW '1/87-'2/93
1.6 (53 kW) Eng.LSF	10/84-93	**PA295**			+AF, +PS	5012359,A840X8591KA,EPW66
	88-93	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
	88-93	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
1.6 (55 kW) Eng.LSE	10/84-93	**PA295**			+AF, +PS	5012359,A840X8591KA,EPW66
	87-93	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
	87-93	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
1.6 i (59 kW) Eng.L6B	10/84-93	**PA295**			+AF, +PS	5012359,A840X8591KA,EPW66
	89-93	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746

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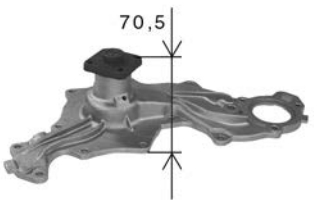
		GRAF ref.			NOTE	Adaptable for OES
1.6 i (59 kW) Eng.L6B	89-93	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
1.8 (59 kW) Eng.REF/D	87-89	**PA400**		•		5020121,88YX8591AA,EPW97
1.8 (64 kW) Eng.R2C/R6A	88-93	**PA400**		•		5020121,88YX8591AA,EPW97
1.8 (66 kW) Eng.R2A/RED	87-88	**PA400**		•		5020121,88YX8591AA,EPW97
1.8 TD (55 kW) Eng.RFA/B/D/K/L/M/N/S	88-93	**PA976**				1053054,1233202,5020713 88FX8591B1A/ B2B/ BA
2.0 (77 kW) Eng.N8C/NES/TL20H	1/87-1/91	**PA429A**				1518910,1651816,6457409,7087382 91WM8501AA,EPW74
	2/91-93	**PA588**				1320086,6189520,7087383,91XM8501AA,EP W75
2.0 16v Cosworth 4WD, Kat (162 kW) Eng.N5C	2/91-93	**PA588**				1320086,6189520,7087383,91XM8501AA,EP W75
	90-1/91	**PA429A**				1518910,1651816,6457409,7087382 91WM8501AA,EPW74
2.0 i (74 kW) Eng.NEJ/NE5	87-89	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
	87-89	**PA517**			+RB, +PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
2.0 i (80 kW) Eng.N8A	2/91-93	**PA588**				1320086,6189520,7087383,91XM8501AA,EP W75
	89-1/91	**PA429A**				1518910,1651816,6457409,7087382 91WM8501AA,EPW74
2.0 i (85 kW) Eng.N4A/I/TL20EFi	1/87-1/91	**PA429A**				1518910,1651816,6457409,7087382 91WM8501AA,EPW74
	2/91-93	**PA588**				1320086,6189520,7087383,91XM8501AA,EP W75
	87-93	**PA517**			+RB, +PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
2.0 i (Only Coda Spiovente) (92 kW) Eng.N9B/C/D/F	2/91-93	**PA588**				1320086,6189520,7087383,91XM8501AA,EP W75
	89-1/91	**PA429A**				1518910,1651816,6457409,7087382 91WM8501AA,EPW74
2.0 i DOHC (85 kW) Eng.N9E	91-93	**PA588**				1320086,6189520,7087383,91XM8501AA,EP W75
2.0 i Kat (74 kW) Eng.N4B	87-93	**PA517**			+RB, +PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
2.0 RS Cosworth (150 kW) Eng.N5B	87-90	**PA295**				5012359,A840X8591KA,EPW66
2.0, 4WD (88-92 kW) Eng.N9C	2/91-93	**PA588**				1320086,6189520,7087383,91XM8501AA,EP W75
	89-1/91	**PA429A**				1518910,1651816,6457409,7087382 91WM8501AA,EPW74
2.3 D (49 kW) Eng.YTR/T	87-89	**PA297**				5009823,5024638,83EF8501AA,89EX8591AA EPW45
2.8 i (105 kW) Eng.PR8/TV28	87-89	**PA322**				5011846,5026076,92TX8591DA,A830X8591CTA EPW64
2.8 i 4WD (107 kW) Eng.PR7/TV28	87-89	**PA322**				5011846,5026076,92TX8591DA,A830X8591CTA EPW64
2.8 i, 4WD (110 kW) Eng.PRG/TV28	87-88	**PA322**				5011846,5026076,92TX8591DA,A830X8591CTA EPW64
2.9, 4WD (107-110 kW) Eng.B4A/B/C	88-93	**PA548**				1025656,1518115,5012434,A840X8591MA,EP W14
						S-Max I '7/06-'6/10
1.8 TDCi (74 kW) Eng.FFWA	07-	**PA742**				1078500,1079085,1104115,1131878 XS4J8591AC/ DB
1.8 TDCi (92 kW) Eng.QYWA	06-	**PA742**				1078500,1079085,1104115,1131878 XS4J8591AC/ DB
2.0 TDCi (103 kW) Eng.QXWA	06-	**PA861**		•		1232499,1432630,1562255,1707009
	06-	**KP861-2**		•	Belt:116x25, PA861	1231979,1232499,1432630
2.0 TDCi (85 kW) Eng.KLWA	07-2/10	**PA861**		•		1232499,1432630,1562255,1707009
	3/10-	**PA1110**		•		1694898,1727556
2.0 TDCi (96 kW) Eng.AZWA	06-	**PA861**		•		1232499,1432630,1562255,1707009
	06-	**KP861-2**		•	Belt:116x25, PA861	1231979,1232499,1432630
2.0, Flexifuel (107 kW) Eng.AOWA	06-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.2 TDCi (129 kW) Eng.BBA/BBD	08-	**PA1049**		•		1559259
2.3 (118 kW) Eng.SEWA	07-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.5 (162 kW) Eng.HYDA	06-	**PA1019**		•		1388504



PA130

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PA1110

KP861-2

		GRAF ref.			NOTE	Adaptable for OES
S-Max II '7/10-						
1.6 EcoBoost (118 kW) Eng.JTWA/B	11-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 TDCi (85 kW)	11-	**PA938**		•		1313842,1364681
2.0 EcoBoost (146 kW) Eng.TNWB	10-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 EcoBoost (176 kW) Eng.TPBA	10-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 SCTi (149 kW) Eng.TNWA	10-	**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379
2.0 TDCi (103 kW) Eng.UFWA	13-	**PA861**		•		1232499,1432630,1562255,1707009
	13-	**KP861-2**		•	Belt:116x25, PA861	1231979,1232499,1432630
2.0 TDCi (120 kW) Eng.TXWA	10-	**PA1110**		•		1694898,1727556
2.2 TDCi (147 kW) Eng.KNWA	10-	**PA1049**		•		1559259
Street Ka '5/03-						
1.6 (70 kW) Eng.CDB/C	03-	**PA902**				1089795,1229571,1798955,2S6G8591AA
Taunus I (GBFK) '1/70-'2/76						
1.3, SW, Coupe (40-43 kW) Eng.JAC	70-76	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
1.6, Coupe (53-65 kW)	70-76	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
1.6, SW (50 kW) Eng.LAD	74-75	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
1.6, SW, Coupe (53 kW) Eng.LCJ	70-75	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
2.0 V6, Coupe (66 kW) Eng.TL20H	70-76	**PA130**				1499785,5005193,5025833,6043064,71F8501AA A790X8591HBA,EPW980
2.0, Coupe (73 kW) Eng.TL20H/NEE	73-76	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
2.3 V6 Coupe (79 kW) Eng.YYE/TV23	71-76	**PA130**				1499785,5005193,5025833,6043064,71F8501AA A790X8591HBA,EPW980
Taunus II (GBTS,GBFS,CBTS) '5/75-'7/79						
1.3, SW (40-43 kW) Eng.JAC	75-79	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
1.6 (65 kW) Eng.LE	76-79	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
1.6, SW (50 kW) Eng.LAD	75-79	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
1.6, SW (53 kW) Eng.LCJ	75-79	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
2.0, SW (64 kW) Eng.OHCLC	75-76	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
2.0, SW (66 kW) Eng.NYR/TV20H	75-79	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
2.0, SW (70 kW) Eng.OHCHC/TV20H	76-79	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
2.3, SW (79 kW) Eng.YYF/TV23	75-79	**PA130**				1499785,5005193,5025833,6043064,71F8501 AA A790X8591HBA,EPW980

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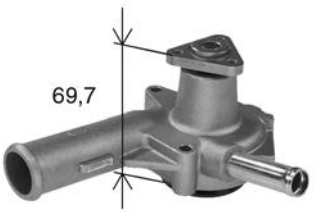
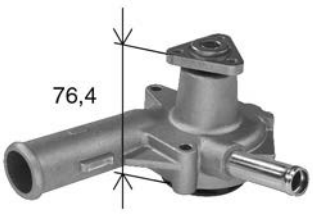


PA401



PA440

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		GRAF ref.			NOTE	Adaptable for OES
Taunus III 80 (GBS, GBNS) '7/79-'7/82						
1.3, SW (43 kW) Eng.JCC	79-82	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
1.6 (65 kW) Eng.LE	79-82	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
1.6, SW (51 kW) Eng.LAR	79-82	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
1.6, SW (54 kW) Eng.LCJ	79-82	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
2.0, SW (66 kW) Eng.NWR/TV20H	79-82	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
2.0, SW (74 kW) Eng.NER/TV20H	79-82	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
2.3, SW (84 kW) Eng.YYR/TV23	79-82	**PA083**			+AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19,EPW57

FORD LCV, TRUCK

Econovan (KAA,KBA,KCA), Van '3/86-'3/92						
1.4 (48 kW) Eng.UC	86-92	**PA208**				-
Escort III Van (AVA) '3/81-'2/86						
1.1 (37 kW) Eng.GSB/C/E/F/G/H	81-86	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
1.3 (51 kW) Eng.JPA/C	-85	**PA232**		•		5008470,5018437,A810X8591SA,EPW33
	85-86	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6 D (40 kW) Eng.LTA/B/C	84-86	**PA278**				1126044,1233208,5011013,5012322,5023817 A830X8591TA,A840X8591JA,EPW61/ 65
Escort IV Van (AVF) '2/86-'7/90						
1.1 (37 kW) Eng.GSB/C/E/F/G/H	-88	**PA401**				5020437,5025908,5026783,88BX8591AA/ BA EPW71
	88-	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
1.3 (44 kW) Eng.JLA/B/JBB	86-90	**PA401**				5020437,5025908,5026783,88BX8591AA/ BA EPW71
1.3 (46 kW) Eng.JBA	88-90	**PA401**				5020437,5025908,5026783,88BX8591AA/ BA EPW71
1.4 i (54 kW) Eng.F6D/F6B/FUC	86-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6 (60 kW) Eng.LUC	86-90	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6 D (40 kW) Eng.LTA/B/C	86-90	**PA278**				1126044,1233208,5011013,5012322,5023817 A830X8591TA,A840X8591JA,EPW61/ 65
1.8 D (44 kW) Eng.RTA/B/C/D/E/F/G/H/J/K	88-90	**PA640**		•		1020988,1023645,1517749,5020242 88FX8591AA/ AB,96FX8591AA,EPW40/ 82
Escort V Van (AVL) '7/90-'12/94						
1.3 (46 kW) Eng.JBD	90-94	**PA440**				1518096,6683522,92BX8591AA,EPW60
1.4 (52-54 kW) Eng.F6A/B/C/D/E/F/G	90-94	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.8 D (44 kW) Eng.RTH/RTE/RTF	90-94	**PA640**		•		1020988,1023645,1517749,5020242 88FX8591AA/ AB,96FX8591AA,EPW40/ 82
Escort VI Van (AVL) '1/95-						
1.4 (54 kW) Eng.F4A/B/H	95-	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70

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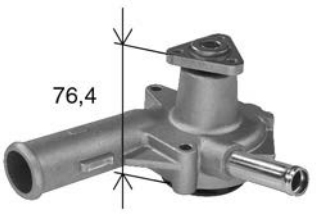

PA440

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		GRAF ref.			NOTE	Adaptable for OES
1.8 D (44 kW) Eng.RTA/B/C/D/E/F/G/H/J/K	95-	**PA640**		•		1020988,1023645,1517749,5020242 88FX8591AA/ AB,96FX8591AA,EPW40/ 82
1.8 TD (51 kW) Eng.RVA	95-01	**PA589A**		•		1031279,1674083,5024297,91FX8591AA 96FX8591EA,EPW52/ 85
Fiesta I Van '5/76-'8/83						
0.95 (27 kW) Eng.BL09L/H	76-83	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
1.1 (40 kW) Eng.GMA/GPA/GLB/GLA/GLW	76-83	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
Fiesta II Van '3/83-'2/89						
1.0 (29 kW) Eng.BL09L/H	83-89	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
1.1 (33-37-39 kW) Eng.GSB/C/E/F/G/H	83-89	**PA153**				5005197,5024603,6039328,6050034,6050907 A790X8591HFA,D8RZ8501A,EPW985
1.4 (52 kW) Eng.F6A/B/C/D/E/F/G	86-89	**PA321**		•		1126041,1233205,5013320,5020651 A840X8591BCA,EPW70
1.6 D (40 kW) Eng.LTB	84-89	**PA278**				1126044,1233208,5011013,5012322,5023817 A830X8591TA,A840X8591JA,EPW61/ 65
Fiesta III Van, Courier '3/89-'7/95						
1.3 (44 kW) Eng.J6B/JBC	91-95	**PA440**				1518096,6683522,92BX8591AA,EPW60
1.8 D (44 kW) Eng.RTA/B/C/D/E/F/G/H/J/K	89-95	**PA640**		•		1020988,1023645,1517749,5020242 88FX8591AA/ AB,96FX8591AA,EPW40/ 82
Fiesta IV Van, Courier '8/95-'8/02						
1.3i (44 kW) Eng.BAJA/J4C	95-02	**PA639**				1020567,1109341,96BX8591AA,EPW81
1.8 D (44 kW) Eng.RTA/B/C/D/E/F/G/H/J/K	95-02	**PA640**		•		1020988,1023645,1517749,5020242 88FX8591AA/ AB,96FX8591AA,EPW40/ 82
Fiesta V Van '11/01-'4/08						
1.4 TDCi (50 kW) Eng.F6JA/B	01-	**PA859**		•		1147585,1359942,1366614
	11/01-4/08	**KP859-1**		•	Belt:144x25, PA859	1147585,1211185,1313842,1348648,1359942
P 100 I '4/82-'9/87						
1.6 (54 kW) Eng.LCR	82-87	**PA517**			+RB	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
P 100 II '10/87-						
1.8 TD (55 kW) Eng.RFA/B/D/K/L/M/N/S	87-92	**PA976**				1053054,1233202,5020713 88FX8591B1A/ B2B/ BA
2.0 (57 kW) Eng.NAE	87-93	**PA517**			+RB	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
Tourneo (EBS) '1/94-'12/00						
2.0i (85 kW) Eng.NSF/H	94-97	**PA429A**				1518910,1651816,6457409,7087382 88WF8501AB,91WM8501AA,EPW74
2.4 D (55 kW) Eng.4HA	94-00	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
2.5 D, TD (55-62 kW) Eng.4GB/D/A/C/4HA/B/C	94-97	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
2.5 DI (51 kW) Eng.4FA/B/C/D	94-00	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
2.5 TD (74 kW) Eng.4EB/C	98-00	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
Tourneo Connect I '9/02-						
1.8 16v (85 kW) Eng.EYPA	02-	**PA741**				1053879,1094596,1114354,1130582,1227902 1317038,1320876,1517732,19BBX8591FA
1.8 Di (55 kW) Eng.BHPA	02-	**PA741**				1053879,1094596,1114354,1130582,1227902 1317038,1320876,1517732,19BBX8591FA
	02-	**PA742**				1079085,1104115,1131878,XS4J8591AC/ DB
1.8 TDCi (66 kW) Eng.HCPA	02-	**PA742**				1079085,1104115,1131878,XS4J8591AC/ DB
1.8 TDCi (81 kW) Eng.RWPA	06-	**PA742**				1079085,1104115,1131878,XS4J8591AC/ DB

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		GRAF ref.			NOTE	Adaptable for OES
Tourneo Connect II '11/13-						
1.6 Ecoboost (110 kW) Eng.JQGA	13-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 TDCi (55 kW) Eng.UBGA	13-	**PA938**		•		1313842,1364681
1.6 TDCi (70 kW) Eng.TZGA/TZGB	13-	**PA938**		•		1313842,1364681
1.6 TDCi (85 kW) Eng.T1GA	13-	**PA938**		•		1313842,1364681
Transit I '4/55-'4/67						
1.5 K-40 (40 kW)	65-67	**PA036**				5005036,603089,6036362,A790X8591DAA EPW538
Transit II '1/65-'9/78						
1.5 (44 kW) Eng.EX	65-73	**PA036**				5005036,603089,6036362,A790X8591DAA EPW538
1.6 (48 kW) Eng.EY	71-78	**PA036**				5005036,603089,6036362,A790X8591DAA EPW538
1.7 (48 kW) Eng.EY	65-78	**PA036**				5005036,603089,6036362,A790X8591DAA EPW538
2.0 (43-55-57 kW) Eng.4RC	71-78	**PA036**				5005036,603089,6036362,A790X8591DAA EPW538
2.0 (V4) (43-55-57 kW) Eng.4RC	71-78	**PA036**				5005036,603089,6036362,A790X8591DAA EPW538
2.4 D (46 kW) Eng.4AA	71-78	**PA193**				1511175,5004988,5020424,6031236 715F8501AAD,A790X8591ADA,EPW32
Transit III (V) '11/77-'10/86						
1.6 (48 kW) Eng.4RB	77-86	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
	77-86	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
2.0 (43-55-57 kW) Eng.4RC	77-86	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
	77-86	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
2.4 D (46 kW) Eng.4AA	77-86	**PA193**				1511175,5004988,5020424,6031236 715F8501AAD,A790X8591ADA,EPW32
	77-86	**PA118**			+AF	5005916,5020823,A790X8591RJA,EPW48
2.5 D (50 kW) Eng.4AB/4BA/4CA	11/85-86	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
	83-11/85	**PA296**			+AF	5011012,5024546,6093389,914FX8591BA A830X8591SA,EPW13/ 43
Transit IV (T) '11/85-'9/92						
1.6 (46 kW) Eng.LAT	85-89	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
	85-89	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
2.0, Kat,, 16v (57 kW) Eng.N6T/NAT/V	85-92	**PA131**				1528548,5004972,5005058,5010876,5010880 5011864,5013267,A790X8591DA/ EFA A840X8591AUA,EPW63/ 67/ 7/ 743/ 746
	85-92	**PA117**			+AF	5004995,5006043,5009286,5013268,5013274 6065711,A790X8591ALA/ ANA/ RLA A840X8591BAA,EPW50/ 68/ 69
2.5 D (50-52 kW) Eng.4AB/4BA/4CA	85-92	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
2.5 TD (58 kW) Eng.D25	88-92	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
Transit V (E1) '1/91-'9/94						
2.0 (66 kW) Eng.NBA	91-94	**PA295**				5012359,A840X8591KA,EPW66

PA295

PA323

PA429A

PA548

PA807

PA832

PA839

PA903

PA1121

		GRAF ref.			NOTE	Adaptable for OES
2.0 i (72 kW) Eng.NCA	91-94	**PA295**				5012359,A840X8591KA,EPW66
2.5 Di (51 kW) Eng.4FA/B/C/D	91-94	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
2.5 Di (59 kW) Eng.4DA	91-94	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
2.5 TD (63 kW) Eng.4GA/B/C/D/E/F	92-94	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
2.5 TD (74 kW) Eng.4EA	91-94	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
2.9 i (107 kW) Eng.BRT	91-94	**PA548**				1025656,1518115,5012434,A840X8591MA,EPW14
Transit VI (E2) '7/94-'6/00						
2.0, CNG (84 kW) Eng.NSF/G/H/D	95-00	**PA429A**				1518910,1651816,6457409,7087382 88WF8501AB,91WM8501AA,EPW74
2.5 Di (51 kW) Eng.4FA/B/C/D	94-00	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
2.5 Di (56 kW) Eng.4HB/C	94-00	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
2.5 Di (85 kW) Eng.4ED	97-00	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
2.5 TD (55 kW) Eng.4HA/D	94-00	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
2.5 TD (63 kW) Eng.4GA/B/C/D/E/F	95-00	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
2.5 TD (74 kW) Eng.4EB/C	94-00	**PA323**				5012773,5024545,914FX8591AA A840X8591AA/ ATA,EPW20/ 38
Transit VII (FA, FD, FM) '1/00-'3/06						
2.0 (84 kW) Eng.NSF	00-06	**PA903**				1480869
2.0 Di (55 kW) Eng.D3FA	00-	**PA839**	•			1116996,1143851,1341835,1347102,1417825 1477444
	00-	**PA807**			+BH	1116996,1143851,1341835,1347102,1417825 1477444,1669335
2.0 Di (63 kW) Eng.F3FA	00-	**PA839**	•			1116996,1143851,1341835,1347102,1417825 1477444
	00-	**PA807**			+BH	1116996,1143851,1341835,1347102,1417825 1477444,1669335
2.0 Di (74 kW) Eng.ABFA	00-	**PA839**	•			1116996,1143851,1341835,1347102,1417825 1477444
	00-	**PA807**			+BH	1116996,1143851,1341835,1347102,1417825 1477444,1669335
2.0 TDCi (92 kW) Eng.FIFA	02-	**PA839**	•			1116996,1143851,1341835,1347102,1417825 1477444
	02-	**PA807**			+BH	1116996,1143851,1341835,1347102,1417825 1477444,1669335
2.3 16v (105-107 kW) Eng.E5FA/C	01-06	**PA429A**				1518910,1651816,6457409,7087382 88WF8501AB,91WM8501AA,EPW74
2.4 Di (55 kW) Eng.F4FA	00-	**PA1121**	•			1096556,1136393,1146965,1308452/ 3 1385824/ 7,1455679,1713348
	00-	**PA832**			+BH	1096556,1136393,1146965,1308452,1308453 1385824,1385827,1455679,1713348
2.4 Di (66 kW) Eng.D2FA/B/E	00-	**PA1121**	•			1096556,1136393,1146965,1308452/ 3 1385824/ 7,1455679,1713348
	00-	**PA832**			+BH	1096556,1136393,1146965,1308452,1308453 1385824,1385827,1455679,1713348
2.4 Di (88 kW) Eng.D4FA	00-	**PA1121**	•			1096556,1136393,1146965,1308452/ 3 1385824/ 7,1455679,1713348
	00-	**PA832**			+BH	1096556,1136393,1146965,1308452,1308453 1385824,1385827,1455679,1713348
2.4 TDCi (101 kW) Eng.H9FA	04-	**PA1121**	•			1096556,1136393,1146965,1308452/ 3 1385824/ 7,1455679,1713348
	04-	**PA832**			+BH	1096556,1136393,1146965,1308452,1308453 1385824,1385827,1455679,1713348
2.4 TDE (85 kW) Eng.FXFA	04-06	**PA1121**	•			1096556,1136393,1146965,1308452/ 3 1385824/ 7,1455679,1713348

PA019

PA741

PA742

PA832

PA903

PA917

PA938

PA990

PA996

PA1096

PA1100

PA1121

PA1122

PA1123

		GRAF ref.			NOTE	Adaptable for OES
2.4 TDE (85 kW) Eng.FXFA	04-06	**PA832**			+BH	1096556,1136393,1146965,1308452,1308453 1385824,1385827,1455679,1713348
2.4 TDE (92 kW) Eng.D0FA	01-	**PA1121**	•			1096556,1136393,1146965,1308452/ 3 1385824/ 7,1455679,1713348
	01-	**PA832**			+BH	1096556,1136393,1146965,1308452,1308453 1385824,1385827,1455679,1713348
Transit VIII '7/06-						
2.2 TDCi (103 kW) Eng.PGFA	07-	**PA996**	•			1381796
2.2 TDCi (63 kW) Eng.P8FA/B	06-	**PA996**	•			1381796
2.2 TDCi (81 kW) Eng.QVFA	06-	**PA996**	•			1381796
2.2 TDCi (85 kW) Eng.SRFA/B/V/D/E	08-	**PA996**	•			1381796
2.2 TDCi (96 kW) Eng.QWFA	06-	**PA996**	•			1381796
2.2 TDCI, RWD (100 kW) Eng.USRA/B	11-	**PA996**	•			1381796
2.2 TDCi, RWD (74 kW) Eng.DRFA/B/C/E/DRRA/B/C	11-	**PA996**	•			1381796
2.3 16v (107 kW) Eng.GZFA	06-	**PA903**				1480869
2.4 TDCi (74 kW) Eng.PHFA/C	06-	**PA1123**	•			1452907,1701415
	06-	**PA1100**			+BH	1452907,1701415
2.4 TDCi (85 kW) Eng.JXFA	06-	**PA1123**	•			1452907,1701415
	06-	**PA1100**			+BH	1452907,1701415
2.4 TDCi, Allrad (103 kW) Eng.H9FB	06-	**PA1123**	•			1452907,1701415
	06-	**PA1100**			+BH	1452907,1701415
3.2 TDCi (147 kW) Eng.SAFA	07-	**PA1122**	•			1459513,4772935
	07-	**PA1096**			+BH	1459513,4772935
Transit VIII Tourneo '7/06-						
2.2 TDCi (103 kW) Eng.PGFA	07-	**PA996**	•			1381796
2.2 TDCi (81 kW) Eng.QVFA	06-	**PA996**	•			1381796
2.2 TDCi (85 kW) Eng.SRFA/B/V/D/E	08-	**PA996**	•			1381796
2.2 TDCi (96 kW) Eng.QWFA	06-	**PA996**	•			1381796
Transit Connect I '9/02-						
1.8 16v (85 kW) Eng.EYPA	02-	**PA741**				1053879,1094596,1114354,1130582,1227902 1317038,1320876,1517732,19BBX8591FA
1.8 Di (55 kW) Eng.BHPA	9/02-	**PA742**				1079085,1104115,1131878,XS4J8591AC/ DB
1.8 TDCi (66 kW) Eng.HCPA	9/02-	**PA742**				1079085,1104115,1131878,XS4J8591AC/ DB
1.8 TDCi (81 kW) Eng.RWPA	06-	**PA742**				1079085,1104115,1131878,XS4J8591AC/ DB
Transit Connect II '11/13-						
1.6 EcoBoost (110 kW) Eng.JQGA	13-	**PA990**		•		1406479,1472867,1589055,1688697,1778516
1.6 TDCi (55 kW) Eng.UBGA	13-	**PA938**		•		1313842,1364681
1.6 TDCi (70 kW) Eng.TZGA/TZGB	13-	**PA938**		•		1313842,1364681
1.6 TDCI (85 kW) Eng.T1GA	13-	**PA938**		•		1313842,1364681
Transit IX Custom, Tourneo '3/13-						
2.2 TDCi (114 kW)	13-	**PA996**	•			1381796
2.2 TDCi (74 kW)	13-	**PA996**	•			1381796
2.2 TDCi (92 kW)	13-	**PA996**	•			1381796

FORD USA

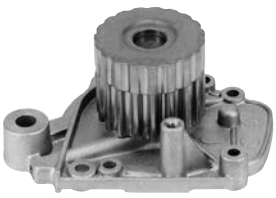
Probe II (ECP) '10/93-'3/98						
2.5 V6 24v (119-120 kW) Eng.KL	93-98	**PA917**				3382081,3396916,4370488

FORD USA TRUCK

Ranger						
2.3, 4WD (105 kW)		**PA903**				1119276,1142005,1142427,1336008,1361486 1364152,1584043,1S7G8501BC,5207379

FSO

125P, SW '10/67-'8/92						
1.3 (47 kW) Eng.116C076	75-76	**PA019**			+AF	40 81 489
1.5 (55 kW) Eng.AA	75-76	**PA019**			+AF	40 81 489

PA456	**PA459**	**PA562**	**PA564**
			
PA669	**PA943**	**PA1249**	

		GRAF ref.			NOTE	Adaptable for OES
Sonique '1/09-						
0.5 (10 kW) Eng.LDW505	09-	**PA1249**		•		

HONDA

Accord I (SJ, SY, SM, SV, SZ) '1/78-'9/83						
1.6 L/EX (SY), H-Back (59 kW) Eng.EG/EL/EF/EP	82-83	**PA456**				19200-PA6-000/ -010/ -020/ -030 19200-PC1-000/ -010/ -080
1.8 (66 kW) Eng.EK1	82-83	**PA456**				19200-PA6-000/ -010/ -020/ -030 19200-PC1-000/ -010/ -080
Accord III (CA4, CA5), Aerodeck '11/85-'12/89						
1.6 L (CA4) (65 kW) Eng.A16A1	85-89	**PA459**				19200-PH1-000/ -020/ -305/ -505
1.8 (CA1) (90 kW) Eng.A18A	85-89	**PA459**				19200-PH1-000/ -020/ -305/ -505
1.8 (CA2) (81 kW) Eng.B18A1	85-89	**PA459**				19200-PH1-000/ -020/ -305/ -505
2.0 EX (CA5) (75-76 kW) Eng.A20A1	85-89	**PA459**				19200-PH1-000/ -020/ -305/ -505
2.0 EX (CA5) (78 kW) Eng.A20A2	85-89	**PA459**				19200-PH1-000/ -020/ -305/ -505
2.0 EXi (CA5) (85 kW) Eng.A20A3	86-89	**PA459**				19200-PH1-000/ -020/ -305/ -505
2.0 EXi (CA5) (90 kW) Eng.A20A4	85-87	**PA459**				19200-PH1-000/ -020/ -305/ -505
Accord IV (CB3, CB7) '1/90-'12/93						
1.8 (CB1,2), Aerodeck (74 kW) Eng.F18A2	90-91	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.0 16v (CB3) (66 kW) Eng.F20A6	90-93	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.0 16v (CB3) (81 kW) Eng.F20A2	90-93	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.0 i 16v (CB3) (98 kW) Eng.F20A4/F20A8	90-93	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.0 i 16v (CC9) Aerodeck (98 kW) Eng.F20Z3	93-93	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.0 i 16v Coupe (98 kW) Eng.F20A7	92-93	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.2 i 16v (CB8) Aerodeck (108 kW) Eng.F22A8	91-93	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.2 i 16v (CB8) Aerodeck (110 kW) Eng.F22A7	91-93	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.2 i 16v, Automatik (CB7) (108 kW) Eng.F22A3	90-93	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
Accord V (CC7) '3/93-'2/98						
1.8 (CD3) (74 kW) Eng.F18B	93-96	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.0 (DC9) Coupe, Aerodeck (100 kW) Eng.F20B3	93-97	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.0 i (CC7,CE2,CD4) (85 kW) Eng.F20Z2	93-96	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.0 i S (96 kW) Eng.F20Z1	93-96	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.2 i ES Coupe, Aerodeck (110 kW) Eng.F22B5	93-98	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.3 i SR (116 kW) Eng.H23A3	93-96	**PA564**		•		19200-P14-A00/ 1
Accord VI (CE, CF) '2/96-'10/98						
1.8 i (CE7) (85 kW) Eng.F18A3	96-98	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.0 i LS (CE8) (96 kW) Eng.F20Z1	96-98	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.0 TDi (CF1) (77 kW) Eng.20T2N	96-98	**PA562**				19200-P5T-G00/ 1
2.2 i VTEC (CE9) (110 kW) Eng.F22Z2	96-98	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
Accord VII (CG) '2/98-'1/03						
1.6 i (85 kW) Eng.D16B6	98-03	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01

PA385

PA428

PA549

PA562

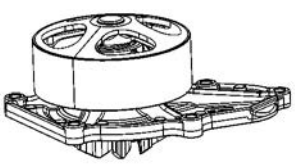
PA896

PA943

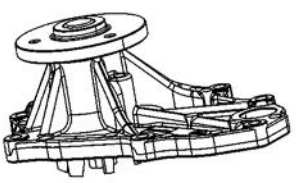
PA949

PA971

PA1013



PA1175



PA1191

		GRAF ref.			NOTE	Adaptable for OES
1.8 i, H-Back (100 kW) Eng.F18B2	98-03	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.0 i, H-Back, Coupe (108 kW) Eng.F20B6/5/7	98-01	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.0 TDi, H-Back (77 kW) Eng.20T2N	99-03	**PA562**				19200-P5T-G00/ 1
2.2 Type-R (156 kW) Eng.H22A7	99-03	**PA896**		•		19200-P13-003
Accord VIII, Tourer (CL, CM) '2/03-'6/08						
2.0 (114 kW) Eng.K20A6	03-	**PA971**				19200-RBB-003/ -013,19200-RFE-003
2.2 CTDi (103 kW) Eng.N22A1	04-08	**PA1013**				19200-RBD-E01,19200-RSR-E01/ 2
Accord IX, Tourer (CU) '7/08-						
2.2i-DTEC (110 kW) Eng.N22B1	08-	**PA1175**				19200-RL0-G01
2.2i-DTEC (132 kW) Eng.N22B2	10-	**PA1175**				19200-RL0-G01
2.4 i-VTEC (148 kW) Eng.K24Z3	08-	**PA1191**				19200-TL6-G01
Ballade '1/81-'1/92						
1.3 (52 kW) Eng.EN4/EJ	81-83	**PA549**				19200-PA1-010/ -020/ -030
City V '9/08-						
1.4i V-Tec (73 kW) Eng.L13Z2	08-	**PA949**				19200-PWA-003
Civic I '7/72-'12/84						
1.3 L (33 kW) Eng.EN2	80-83	**PA549**				19200-PA1-010/ -020/ -030
1.3 L (SS) (44 kW) Eng.EN1	79-83	**PA549**				19200-PA1-010/ -020/ -030
1.3 S (52 kW) Eng.EN4	79-84	**PA549**				19200-PA1-010/ -020/ -030
Civic I Shuttle (AN, AR) '10/83-'10/87						
1.3 (AG, AJ,VJ) (55 kW) Eng.EV	83-87	**PA385**		•		19200-PE0-010/ -515/ -660
1.5 (AN) (63 kW) Eng.EW2	83-87	**PA385**		•		19200-PE0-010/ -515/ -660
1.5 4WD (AR) (63 kW) Eng.EW2	83-87	**PA385**		•		19200-PE0-010/ -515/ -660
Civic II '10/83-'10/87						
1.2 (40 kW) Eng.D12B/ZA2	83-87	**PA385**		•		19200-PE0-010/ -515/ -660
1.3 12v (52 kW) Eng.EV2	83-87	**PA385**		•		19200-PE0-010/ -515/ -660
1.5 GL (63 kW) Eng.EW2	83-87	**PA385**		•		19200-PE0-010/ -515/ -660
1.5 GT (74 kW) Eng.EW3	83-87	**PA385**		•		19200-PE0-010/ -515/ -660
1.5 GTI (66 kW) Eng.EW4	86-87	**PA385**		•		19200-PE0-010/ -515/ -660
Civic II Shuttle (EE) '1/88-'2/95						
1.4 i 16v (EE1) (66 kW) Eng.D14A1	88-92	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.5 i 16v (EE2) (69 kW) Eng.D15B2	88-91	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.6 i 16v 4WD (EE4) (80 kW) Eng.D16A6	88-95	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
Civic III (EC, ED, EE) '9/87-'9/91						
1.2 (40 kW) Eng.D12B1	88-91	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.3 (EC8) (55 kW) Eng.D13B1	87-89	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.3 16v (EC8) Kat H-Back (55 kW) Eng.D13B2	89-91	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.4 L (EC9, ED2) (66 kW) Eng.D14A1	87-89	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.5 i 16v (ED3, 6), Shuttle, 4WD (66-69 kW) Eng.D15B2	87-91	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.6 i 16v (96 kW) Eng.D16A7/9	87-91	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.6 i 16v (ED4, 7) (80 kW) Eng.D16A6	87-91	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.6 i 16v (ED4, 7) (82 kW) Eng.D16Z2	87-91	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.6 i 16v 4WD Shuttle (80 kW) Eng.D16A6	87-91	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013

PA428

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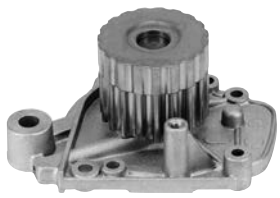

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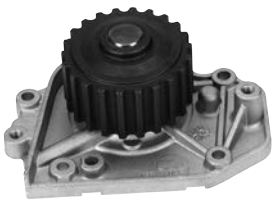

PA670

PA925

		GRAF ref.			NOTE	Adaptable for OES
1.6 i 16v Vtec (EE9) H-Back (110 kW) Eng.B16A1	89-91	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
Civic IV (EG) '10/91-'11/95						
1.3 16v (EG3, 7) (55 kW) Eng.D13B2	91-95	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.5 i 16v (EG4) (66 kW) Eng.D15Z1	91-95	**PA925**		•		19200-P08-003/ 4/ -A01/ -A02
1.5 i 16v (EG8) (69 kW) Eng.D15B2/Z1	91-95	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.6 16v Vtec (EG5), 4WD (92 kW) Eng.D16Z6/7	91-95	**PA925**		•		19200-P08-003/ 4/ -A01/ -A02
	91-95	**PA428**		•	Eng. SOHC	19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
Civic IV Coupe (EJ) '1/94-'3/96						
1.6 i (EJ6) (77 kW) Eng.D16Y7	94-95	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
1.6 i Vtec (EJ1) (92 kW) Eng.D16Z9/D16Y6	94-96	**PA925**		•		19200-P08-003/ 4/ -A01/ -A02
Civic IV Coupe (MA, MB) '9/94-'1/97						
1.4 i (MA8) (55 kW) Eng.D14A5	95-97	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.4 i (MA8) (66 kW) Eng.D14A2	94-97	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.5 i Vtec-E (MA9) (66 kW) Eng.D15Z3	94-97	**PA925**		•		19200-P08-003/ 4/ -A01/ -A02
1.6 i (MB1) (83 kW) Eng.D16Y3	94-97	**PA428**		•	Eng. SOHC	19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.6 i Vtec (MB1) (93 kW) Eng.D16Y2	94-97	**PA925**		•		19200-P08-003/ 4/ -A01/ -A02
Civic V (EJ9, EK1/3/4) '11/95-'2/01						
1.4 i (EJ9) (55 kW) Eng.D14A3/4	95-01	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
1.4 i S (EJ9) (66 kW) Eng.D14A2	95-01	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
1.5 i (EK3) (84 kW) Eng.D15Z6	95-01	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
1.6 i (EK1) (84-92 kW) Eng.D16Y5/Y6/Y8	95-01	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
Civic V Aerodeck (MC) '4/98-'2/01						
1.4 16v (MB8) (55 kW) Eng.D14A7	98-01	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
1.4 16v (MB8) (66 kW) Eng.D14A8	98-01	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
1.5 16v (MB9) (84 kW) Eng.D15Z8	98-01	**PA669**		•	Eng. SOHC	19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
	98-01	**PA668**		•	Eng. SOHC VTEC	19200-P1G-E02,19200-P7A-003
1.6 16v (MC1) (85 kW) Eng.D16B2	98-01	**PA670**		•	Eng. DOHC	19200-P72-A01
	98-01	**PA669**		•	Eng. SOHC	19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
1.8 16v (MC2) (124 kW) Eng.B18C4	98-01	**PA670**		•		19200-P72-A01
2.0 TDi (MC3) (74-77 kW) Eng.20T2N	98-01	**PA562**				19200-P5T-G00/ 1
Civic V Coupe (EJ6, EJ8) '3/96-'3/00						
1.6 i (77 kW) Eng.D16Y7	96-00	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
1.6 i Vtec (92 kW) Eng.D16Z9	96-00	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
Civic V Fastback (MA, MB) '1/97-'2/01						
1.4 16v (MB2) (55 kW) Eng.D14A7	97-01	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
1.4 16v (MB2) (66 kW) Eng.D14A8	97-01	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
1.5 16v (MB3) (84 kW) Eng.D15Z8	97-01	**PA669**		•	Eng. SOHC	19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
	97-01	**PA668**		•	Eng. SOHC VTEC	19200-P1G-E02,19200-P7A-003

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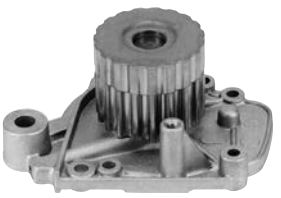

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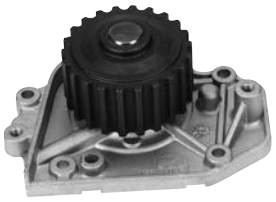

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		GRAF ref.			NOTE	Adaptable for OES
1.6 (92 kW) Eng.D16W4	98-00	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
1.6 16v (MB4) (85 kW) Eng.D16B2	97-01	**PA670**		•	Eng. DOHC	19200-P72-A01
	97-01	**PA669**		•	Eng. SOHC	19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
2.0 TDi (MB7) (63 kW) Eng.20T2R	97-01	**PA562**				19200-P5T-G00/ 1
Civic VI '2/01-'9/05						
1.4 (66 kW) Eng.D14Z5	01-05	**PA876**		•		19200-PLE-005,19200-PLM-A01
1.6 (81 kW) Eng.D16V1	01-05	**PA876**		•		19200-PLE-005,19200-PLM-A01
Civic VI Coupe (EM) '2/01-'12/05						
1.6 i (81 kW) Eng.D16V1	2/01-	**PA876**		•		19200-PLE-005,19200-PLM-A01
1.7 i VTEC (92 kW) Eng.D17A9	01-	**PA876**		•		19200-PLE-005,19200-PLM-A01
1.7i (88 kW) Eng.D17A8	01-	**PA876**		•		19200-PLE-005,19200-PLM-A01
Civic VI Hatchback (EU, EP) '2/01-'12/05						
1.4 i (55 kW) Eng.D14E1/Z2	2/01-	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
1.4 iS (66 kW) Eng.D14Z6	2/01-	**PA876**		•		19200-PLE-005,19200-PLM-A01
1.6 i (81 kW) Eng.D16V1	2/01-	**PA876**		•		19200-PLE-005,19200-PLM-A01
1.7 CTDi (74 kW) Eng.4EE-2	02-	**PA948**		•		19200-PLZ-D00
2.0i Sport (118 kW) Eng.K20A3	04-06	**PA970**				19200-PNA-003,19200-PNL-E01
Civic VII H-Back (FD) '1/06-'2/12						
1.4 (61 kW) Eng.L13A7	06-	**PA949**				19200-PWA-003
1.4 (73 kW) Eng.L13Z2	08-	**PA1119**				19200-RB0-003
1.6 (84 kW) Eng.R16A1	06-	**PA1062**				19200-RNA-A01/ 2
1.6 (92 kW) Eng.R16A1	05-	**PA1062**				19200-RNA-A01/ 2
1.8 (103 kW) Eng.R18A2	06-	**PA1062**				19200-RNA-A01/ 2
2.2 CTDi (103 kW) Eng.N22A2	06-	**PA1013**				19200-RBD-E01,19200-RSR-E01/ 2
Civic VIII, Tourer (FK) '3/12-						
1.4 i-VTEC (73 kW) Eng.L13Z4	12-	**PA1119**				19200-RB0-003
1.6 (Turkey) (92 kW)	12-	**PA1062**				19200-RNA-A01/ 2
Concerto (HW) '8/89-'3/95						
1.4 (61 kW) Eng.D14A1	89-92	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.4 (66 kW) Eng.D14A1/D14A8	89-91	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.5 i 16v (66 kW) Eng.D15B2	89-95	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.6 16v (77 kW) Eng.D16Z1	89-95	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.6 i 16v (82 kW) Eng.D16Z2	89-95	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.6 i 16v (90 kW) Eng.D16A8	89-95	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.8 TD (58-65 kW) Eng.XUD7T	94-96	**PA391**		•		GWP344
Cr-v I (RD1, 3) '10/95-'6/05						
2.0 16v (94 kW) Eng.B20B	95-1/99	**PA897**		•		19200-P75-003
2.0 16v (98-108 kW) Eng.B20Z1/3/9	2/99-02	**PA897**		•		19200-P75-003
Cr-v II (RD8) '7/02-'12/06						
2.0 (110 kW) Eng.K20A4	02-	**PA970**				19200-PNA-003,19200-PNL-E01
2.2 CTDi (103 kW) Eng.N22A2	05-	**PA1013**				19200-RBD-E01,19200-RSR-E01/ 2
2.4 V-Tec (118 kW) Eng.K24A1	02-06	**PA970**				19200-PNA-003,19200-PNL-E01
Cr-v III (RE) '1/07-'4/10						
2.0i Vtec (110 kW) Eng.R20A2	07-10	**PA1092**				19200-R1P-U01,19200-RZP-003/ -013
2.2i CDTi (103 kW) Eng.N22A2	07-10	**PA1013**				19200-RBD-E01,19200-RSR-E01/ 2
Cr-v IV (RM) '4/10-						
2.0 i V-Tec (110 kW) Eng.R20A2	10-	**PA1092**				19200-R1P-U01,19200-RZP-003/ -013

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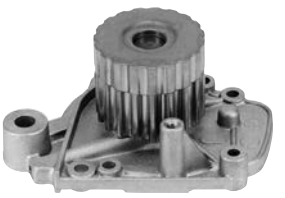

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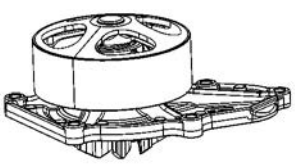

PA1175

		GRAF ref.			NOTE	Adaptable for OES
2.0, AWD (114 kW) Eng.R20A9	12-	**PA1092**				19200-R1P-U01,19200-RZP-003/ -013
2.2 i DTEC 4WD (110 kW) Eng.N22B4	12-	**PA1175**				19200-RL0-G01
2.2i-DTEC (110 kW) Eng.N22B1/3	10-	**PA1175**				19200-RL0-G01
Crx I (AF, AS) '10/83-'10/87						
1.3 12v (52 kW) Eng.EV2	83-87	**PA385**		•		19200-PE0-010/ -515/ -660
1.5i (AF) (66-74 kW) Eng.EW3	83-86	**PA385**		•		19200-PE0-010/ -515/ -660
1.6 i 16v (AS) (92 kW) Eng.ZC1	86-87	**PA778**		•		19200-PG6-000/ -405/ -600/ -305
Crx II (ED, EE) '10/87-'2/92						
1.5 (EF6) (66 kW) Eng.D15B	87-92	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.6 i 16v (79 kW) Eng.D16A6	87-88	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
1.6 i 16v (ED9) (91 kW) Eng.D16Z5	87-92	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.6 i 16v (ED9) (96 kW) Eng.D16A9	87-89	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
1.6 i 16v Vtec (EE8) (110 kW) Eng.B16A1	89-92	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
Crx III (EH, EG) '3/92-'12/98						
1.6 ESi (EH6) (96-80 kW) Eng.D16Z6	92-98	**PA925**		•		19200-P08-003/ 4/ -A01/ -A02
1.6 VTi (EG2) (118 kW) Eng.B16A2	92-98	**PA925**		•		19200-P08-003/ 4/ -A01/ -A02
Cr-z '6/10-						
1.5 Hybrid (84-91 kW) Eng.LEA1	10-	**PA1149**				19200-RBJ-003
FR-V (BE) '2/05-						
1.7 16v (92 kW) Eng.D17A2	05-	**PA876**		•		19200-PLE-005,19200-PLM-A01
1.8 16v (103 kW) Eng.R18A1	07-	**PA1062**				19200-RNA-A01/ 2
2.0 (110 kW) Eng.K20A9	05-	**PA970**				19200-PNA-003,19200-PNL-E01
2.2 CTDi (103 kW) Eng.N22A1	05-	**PA1013**				19200-RBD-E01,19200-RSR-E01/ 2
HR-V (GH) '3/99-						
1.6 16v 4WD (91 kW) Eng.D16W5	3/99-	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
1.6 16v, 4WD (77 kW) Eng.D16W1	3/99-	**PA669**		•		19200-P2A-004/ -A01/ -A02/ -A03 19200-PDF-E01
Insight (ZE) '8/00-						
1.3 (65 kW) Eng.LDA3	09-	**PA1149**				19200-RBJ-003
Integra I (DA1,2,4) '10/85-'8/89						
1.5 (DA2) (56 kW) Eng.EW	85-89	**PA385**		•		19200-PE0-010/ -515/ -660
1.6 (DA1, AV) (85-88 kW) Eng.ZC	86-89	**PA428**		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/ -013
Jazz III (GD)/ Fit '3/02-'10/08						
1.2 DSi (57 kW) Eng.L12A1	02-	**PA949**				19200-PWA-003
1.3 DSi (61-63 kW) Eng.L13A1	02-	**PA949**				19200-PWA-003
Jazz IV (GE)/ Fit '11/08-'10/10						
1.2 i-VTEC (66 kW) Eng.L12B2	08-	**PA1119**				19200-RB0-003
1.3 i-VTEC (73 kW) Eng.L13Z2	08-	**PA1119**				19200-RB0-003
Jazz V '11/10-						
1.2 (66 kW) Eng.L12B2	10-	**PA1119**				19200-RB0-003
1.3 (73 kW) Eng.L13Z2	10-	**PA1119**				19200-RB0-003
1.4 Hybrid (65 kW) Eng.LDA3	11-	**PA1149**				19200-RBJ-003
Logo (GA3) '3/99-'3/02						
1.3 (48 kW) Eng.D13B7	99-02	**PA668**		•		19200-P1G-E02,19200-P7A-003

PA456

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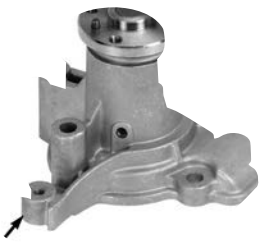
KP829-1

		GRAF ref.			NOTE	Adaptable for OES
Odyssey I (RA1,5) '1/95-'1/98						
2.2 (110 kW) Eng.F22B	95-98	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.3 4WD (110 kW) Eng.F23A7	97-	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
Prelude I Coupe (SN) '1/78-'10/83						
1.6 (59-66 kW) Eng.EL	82-83	**PA456**				19200-PA6-000/ -010/ -020/ -030 19200-PC1-000/ -010/ -080
1.8 (74-77-66 kW) Eng.EK	82-83	**PA456**				19200-PA6-000/ -010/ -020/ -030 19200-PC1-000/ -010/ -080
Prelude IV (BB) '2/92-'9/96						
2.0 i 16v (BB3) (98 kW) Eng.F20A/B2/3/4/5/6	92-96	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
2.3 i 16v (BB2) (118 kW) Eng.H23A2/3	92-96	**PA564**		•		19200-P14-A00/ 1
Quintet (SU) '2/80-'12/84						
1.6 EX (59-66 kW) Eng.EL/EP	80-84	**PA456**				19200-PA6-000/ -010/ -020/ -030 19200-PC1-000/ -010/ -080
S2000 (AP) '6/99-						
2.0 (177 kW) Eng.F20C2	99-	**PA1018**				19200-PCX-003
Shuttle (RA) '10/94-'6/02						
2.3 16v (110 kW) Eng.F23A7	98-01	**PA943**		•		19200-P0A-003,19200-P0B-A01,19200-PDA-E01 19200-PT0-013
Stream (RN) '5/01-						
1.7 16v (92 kW) Eng.D17A2	5/01-	**PA876**		•		19200-PLE-005,19200-PLM-A01
2.0 16v (115 kW) Eng.K20A1	01-	**PA971**				19200-RBB-003/ -013,19200-RFE-003

HYUNDAI

Accent I (X-3)/Pony III '10/94-'1/00						
1.3 i, 12v (44-55-62 kW) Eng.G4EH	94-00	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
1.5 i 12v (65 kW) Eng.G4EK	94-00	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
1.5i 16v (73 kW) Eng.G4K	95-00	**PA702**				25100-33112,25100-33132
Accent II (LC)/Verna '1/00-'6/06						
1.3 (55-61-62-63 kW) Eng.G4EA	00-06	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
1.5 (65-66 kW) Eng.G4EB/K	00-06	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
1.5 (73 kW) Eng.G4FK	99-02	**PA950**		•		25100-26900/ 1/ 2
1.5 (75 kW) Eng.G4EC-G	00-06	**PA950**		•		25100-26900/ 1/ 2
1.5 CRDi (60 kW) Eng.D3EA	4/02-06	**PA829**		•		25100-27000,25100-27010
	02-05	**KP829-1**		•	Belt:123x28, PA829	24312-27000/ -27250,25100-27000/ -27010
1.6 (77 kW) Eng.G4ED-G	02-06	**PA950**		•		25100-26900/ 1/ 2
Accent III (MC) '6/06-'10/10						
1.4 (71 kW) Eng.G4EE	04-	**PA950**		•		25100-26900/ 1/ 2
1.5 CRDi (81 kW) Eng.D4FA	04-4/08	**PA1023**		•		25100-2A000/ 1
	5/08-	**PA1078**				25100-2A200
1.6 GLS (82 kW) Eng.G4ED	06-10	**PA950**		•		25100-26900/ 1/ 2
Accent IV (RB) '11/10-						
1.4 (79 kW) Eng.G4FA	10-3/11	**PA1088**				25100-2B000,25100-2B010
1.6 (90 kW) Eng.G4FC	10-3/11	**PA1088**				25100-2B000,25100-2B010
Atos (MX)/ Amica '2/98-						
1.0 i (40 kW) Eng.G4HC	2/98-	**PA877**				25100-02500/ 1/ 2,25100-02555
1.0 i (43 kW) Eng.G4HC-E	01-	**PA877**				25100-02500/ 1/ 2,25100-02555

			
PA697	**PA698**	**PA701**	**PA829**
PA877	**PA950**	**PA972**	**PA1021**
PA1023	**PA1024**	**PA1136**	**PA1184**
Immagine non disponibile **Picture not available**			
KP829-1			

		GRAF ref.			NOTE	Adaptable for OES
1.1 (43-45 kW) Eng.G4HG	03-	**PA1021**				25100-02566,25100-02577
1.1 (46 kW) Eng.G4HG	04-	**PA1021**				25100-02566,25100-02577
Atos Prime (MX)/ Amica '8/99-						
1.0 i (40 kW) Eng.G4HC	99-	**PA877**				25100-02500/ 1/ 2,25100-02555
1.0 i (43 kW) Eng.G4HC-E	01-	**PA877**				25100-02500/ 1/ 2,25100-02555
1.1 (43 kW) Eng.G4HD	03-	**PA1021**				25100-02566,25100-02577
1.1 12v (46 kW) Eng.G4HG	05-	**PA1021**				25100-02566,25100-02577
Coupe I (RD)/Tiburon '8/96-'4/02						
1.6 16v (84 kW) Eng.G4GR/G4DR	-3/99	**PA698**				25100-23001/ 2
	6/00-	**PA950**		•		25100-26900/ 1/ 2
2.0 16v (102 kW) Eng.G4GF	00-	**PA972**				25100-23010/ 1,25100-23511/ 3,25100-23530
	96-00	**PA698**				25100-23001/ 2
2.0 16v (99 kW) Eng.G4GF-EG	01-02	**PA972**				25100-23010/ 1,25100-23511/ 3,25100-23530
Coupe II (GK) '3/02-						
1.6 16v (77-79 kW) Eng.G4ED-G	02-2/03	**PA950**		•		25100-26900/ 1/ 2
2.0 (100 kW) Eng.G4GC-G	01-	**PA972**				25100-23010/ 1,25100-23511/ 3,25100-23530
2.0 (102 kW) Eng.G4GC-G	02-	**PA972**				25100-23010/ 1,25100-23511/ 3,25100-23530
2.0 (105 kW) Eng.G4GC-G	03-	**PA972**				25100-23010/ 1,25100-23511/ 3,25100-23530
2.7 V6 (121-123 kW) Eng.G6BA-G	02-	**PA1024**		•		25100-37102,25100-37200/ 1/ 2
Elantra I (XD) '6/00-						
1.6 16v (77 kW) Eng.G4ED-G	03-	**PA950**		•		25100-26900/ 1/ 2
1.6 16v (79 kW) Eng.G4ED-G	00-	**PA950**		•		25100-26900/ 1/ 2
2.0 (102 kW) Eng.G4GC-G	00-	**PA972**				25100-23010/ 1,25100-23511/ 3,25100-23530
2.0 (104 kW) Eng.G4GC-G	00-	**PA698**				25100-23001/ 2
2.0 (105 kW) Eng.G4GC-G	03-	**PA972**				25100-23010/ 1,25100-23511/ 3,25100-23530
2.0 CRDi (83 kW) Eng.D4EA	4/01-	**PA829**		•		25100-27000,25100-27010
	01-06	**KP829-1**		•	Belt:123x28, PA829	24312-27000/ -27250,25100-27000/ -27010
Elantra II (MD, UD) '6/11-						
1.6 (96 kW)	11-	**PA1136**				25100-2B700
1.8 (110 kW) Eng.G4NB-B	11-	**PA1184**				25100-2E000
Excel II (X2) '1/90-'5/96						
1.3 (43 kW) Eng.G4DG	90-96	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
1.3 12v (62 kW) Eng.G4N	90-96	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
1.5 (53 kW) Eng.G4DJ	90-96	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
1.5 12v (65 kW) Eng.G4EK	90-96	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
Galloper II (JK-01) '8/98-						
2.5 TD (65 kW) Eng.D4BH	98-	**PA701**				25100-42501/ -42540/ 1/ -42700
2.5 TD intercooler (73 kW) Eng.D4BH	98-	**PA701**				25100-42501/ -42540/ 1/ -42700
Getz (TB) '9/02-						
1.1 (46 kW) Eng.G4HD/SOCH12v	02-7/05	**PA877**				25100-02500/ 1/ 2,25100-02555
	8/05-	**PA1021**				25100-02566,25100-02577
1.1 (49 kW) Eng.G4HG	05-	**PA1021**				25100-02566,25100-02577
1.3 (60 kW) Eng.G4EA	02-	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
1.3 (63 kW) Eng.G4EA	03-	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
1.4 16v (71 kW) Eng.G4EE	05-	**PA950**		•		25100-26900/ 1/ 2
1.5 CRDi (60 kW) Eng.D3EA	03-	**PA829**		•		25100-27000,25100-27010
	03-05	**KP829-1**		•	Belt:123x28, PA829	24312-27000/ -27250,25100-27000/ -27010
1.5 CRDi (65 kW) Eng.D4FA	05-	**PA1023**		•		25100-2A000/ 1
1.5 CRDi (81 kW) Eng.D4FA	05-	**PA1023**		•		25100-2A000/ 1
1.6 (77 kW) Eng.G4ED-G	02-	**PA950**		•		25100-26900/ 1/ 2

PA972

PA1021

PA1023

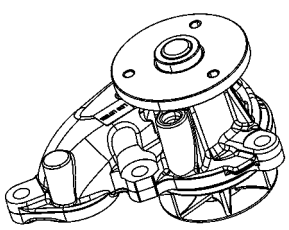
PA1063

PA1078

PA1088

PA1125

PA1136



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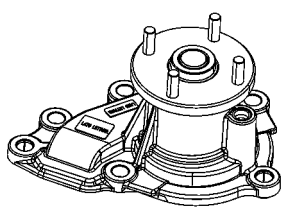

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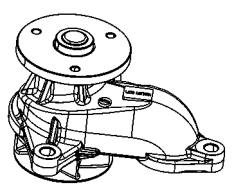


PA1203

		GRAF ref.			NOTE	Adaptable for OES
Grandeur III (TG) '4/05-'6/11						
2.2 CRDi (110 kW) Eng.D4EB	06-	**PA1063**		•		25100-27400
2.2 CRDi (114 kW) Eng.D4EB	06-	**PA1063**		•		25100-27400
i10 I '5/08-						
1.0 (51 kW) Eng.G3LA	11-	**PA1196**				25100-04010
1.1 (51 kW) Eng.G4HG	11-	**PA1021**				25100-02566,25100-02577
1.1 12v (49 kW) Eng.G4HG	08-	**PA1021**				25100-02566,25100-02577
1.1 CRDi (55 kW) Eng.D3FA	08-	**PA1078**				25100-2A200
1.2 (63 kW) Eng.G4LA	11-	**PA1125**				25100-03010
1.2 16v (57 kW) Eng.G4LA	08-	**PA1125**				25100-03010
i20 '3/09-						
1.1 CRDi (55 kW) Eng.D3FA	12-	**PA1203**				25100-2A201
1.2 (57 kW) Eng.G4LA	09-	**PA1125**				25100-03010
1.2 (63 kW) Eng.G4LA	12-	**PA1125**				25100-03010
1.4 (74 kW) Eng.G4FA	09-12/09	**PA1088**				25100-2B000,25100-2B010
	1/10-	**PA1136**				25100-2B700
1.4 CRDi (55 kW) Eng.D4FC	09-	**PA1078**				25100-2A200
1.4 CRDi (66 kW) Eng.D4FC	-7/11	**PA1078**				25100-2A200
	8/11-	**PA1203**				25100-2A201
1.6 (91-93 kW) Eng.G4FC	09-12/09	**PA1088**				25100-2B000,25100-2B010
	1/10-	**PA1136**				25100-2B700
1.6 CRDi (85 kW) Eng.D4FB	09-	**PA1078**				25100-2A200
i30 I, SW '9/07-'4/12						
1.4 (77 kW) Eng.G4FA	07-12/09	**PA1088**				25100-2B000,25100-2B010
	1/10-	**PA1136**				25100-2B700
1.4 16v (80 kW) Eng.G4FA	07-12/09	**PA1088**				25100-2B000,25100-2B010
	1/10-	**PA1136**				25100-2B700
1.6 (85 kW) Eng.G4FC	07-12/09	**PA1088**				25100-2B000,25100-2B010
	1/10-	**PA1136**				25100-2B700
1.6 16v (90 kW) Eng.G4FC	07-12/09	**PA1088**				25100-2B000,25100-2B010
	1/10-	**PA1136**				25100-2B700
1.6 16v (93 kW) Eng.G4FC	08-12/09	**PA1088**				25100-2B000,25100-2B010
	1/10-	**PA1136**				25100-2B700
1.6 CRDi 16v (66 kW) Eng.D4FB-L	07-4/08	**PA1023**		•		25100-2A000/ 1
	5/08-	**PA1078**				25100-2A200
1.6 CRDi 16v (85 kW) Eng.D4FB	07-4/08	**PA1023**		•		25100-2A000/ 1
	5/08-	**PA1078**				25100-2A200
2.0 16v (105 kW) Eng.G4GC	07-	**PA972**				25100-23010/ 1,25100-23511/ 3,25100-23530
2.0 CRDi (100 kW) Eng.D4EA	07-	**PA1063**		•		25100-27400
2.0 CRDi (103 kW) Eng.D4EA	07-	**PA1063**		•		25100-27400
i30 II, SW '4/12-						
1.4 (73 kW) Eng.G4FA	12-	**PA1136**				25100-2B700
1.4 CRDi (66 kW) Eng.D4FC	12-	**PA1203**				25100-2A201
1.6 (88 kW) Eng.G4FC	12-	**PA1136**				25100-2B700
1.6 CRDi (81-94 kW) Eng.D4FB	12-	**PA1203**				25100-2A201
1.6 GDI (99 kW) Eng.G4FD	12-	**PA1136**				25100-2B700
i40, SW '8/11-						
1.6 GDi (99 kW) Eng.G4FD	11-	**PA1136**				25100-2B700
1.7 CRDi (85-100 kW) Eng.D4FD	11-	**PA1177**				25100-2A300
2.0 GDi (130 kW) Eng.G4NC	11-	**PA1184**				25100-2E000
ix20 (JC) '12/10-						
1.4 (66-74 kW) Eng.G4FA	10-	**PA1136**				25100-2B700
1.4 CRDi (57 kW) Eng.D4FC-M	10-	**PA1078**				25100-2A200
1.4 CRDi (66 kW) Eng.D4FC	10-	**PA1078**				25100-2A200
1.6 (92 kW) Eng.G4FC	10-	**PA1136**				25100-2B700
1.6 CRDi (85 kW) Eng.D4FB	-10/11	**PA1078**				25100-2A200

PA391

PA697

PA698

PA702

PA829

PA934

PA950

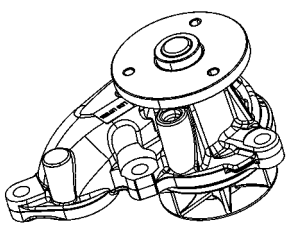
PA972

PA1023

PA1078

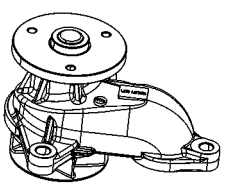
PA1136

PA1174



PA1177

PA1186



PA1203

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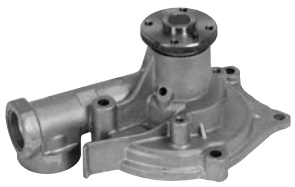
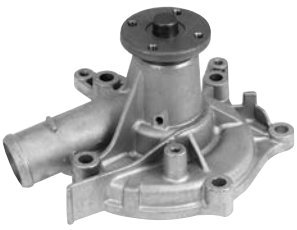
KP829-1

		GRAF ref.			NOTE	Adaptable for OES
1.6 CRDi (85 kW) Eng.D4FB	11/11-	**PA1203**				25100-2A201
1.6 CRDi (94 kW) Eng.D4FB	11-	**PA1203**				25100-2A201
ix35 (LM, EL) '1/10-						
1.6 GDi (99 kW) Eng.G4FD	10-	**PA1136**				25100-2B700
1.7 CRDi (85 kW) Eng.D4FD	10-	**PA1177**				25100-2A300
2.0 (122 kW) Eng.G4KD	10-	**PA1186**				25100-2G100/ 200,25110-25002
2.0 16v, Allrad (120 kW) Eng.G4KD	10-	**PA1186**				25100-2G100/ 200,25110-25002
2.0 CRDi Allrad (135 kW) Eng.D4HA	10-	**PA1174**	•			25100-2F000/ 700
2.0 CRDi, Allrad (100 kW) Eng.D4HA	10-	**PA1174**	•			25100-2F000/ 700
2.0 CRDI, AWD (130 kW) Eng.D4HA	12-	**PA1174**	•			25100-2F000/ 700
Lantra I (J-1) '10/90-'11/95						
1.5 (63-53 kW) Eng.G15B/G4DJ	92-95	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
1.6 i.e. 16v (78-84 kW) Eng.G4CR	90-95	**PA698**				25100-23001/ 2
1.8 i.e. 16v (93 kW) Eng.G4CN	90-95	**PA702**				25100-33112,25100-33132
Lantra II (J-2), SW '11/95-'9/00						
1.5 12v (65 kW) Eng.G4EK	96-00	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
1.6 16v (84 kW) Eng.G4GR/G4DR	95-00	**PA698**				25100-23001/ 2
1.6 i (66 kW) Eng.G4GR	95-00	**PA698**				25100-23001/ 2
1.8 16v (94 kW) Eng.G4GM	95-00	**PA698**				25100-23001/ 2
1.9 D (50 kW) Eng.XUD9	98-00	**PA391**		•		25111-29000
2.0 16v (102 kW) Eng.G4GF	96-00	**PA698**				25100-23001/ 2
Matrix (FC) '6/01-						
1.5 CRDi (60 kW) Eng.D3EA	10/01-	**PA829**		•		25100-27000,25100-27010
	01-05	**KP829-1**		•	Belt:123x28, PA829	24312-27000/ -27250,25100-27000/ -27010
1.5 CRDi (75 kW) Eng.D4FA	04-4/08	**PA1023**		•		25100-2A000/ 1
	5/08-	**PA1078**				25100-2A200
1.5 CRDi (81 kW) Eng.D4FA	06-4/08	**PA1023**		•		25100-2A000/ 1
	5/08-	**PA1078**				25100-2A200
1.6 (66 kW) Eng.G4ED-L	02-05	**PA972**				25100-23010/ 1,25100-23511/ 3,25100-23530
1.6 (76 kW) Eng.G4ED-G	01-	**PA950**		•		25100-26900/ 1/ 2
1.8 (90 kW) Eng.G4GB-G	01-	**PA972**				25100-23010/ 1,25100-23511/ 3,25100-23530
Pony I '6/74-'9/89						
1.5 (53 kW) Eng.G15B/G4DJ	85-89	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
Pony II (X-2) '10/89-'1/95						
1.3 (43 kW) Eng.G4DG	89-95	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
1.3 (49 kW) Eng.G13B	89-95	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
1.3 12v (62 kW) Eng.G4N	89-95	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
1.5 (53-61-62 kW) Eng.G15B/G4DJ	89-95	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
S Coupe (SLC) '2/90-'5/96						
1.5 (62-53 kW) Eng.G15B/G4DJ	90-96	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
1.5 i (65 kW) Eng.G4EK	92-96	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
1.5 i T. (85 kW) Eng.G4EK-TC	91-96	**PA697**				25100-22010/ 2/ -22650/ -24030/ -24040/ -24060
Santa Fe I (SM) '2/01-'2/06						
2.0 (99 kW) Eng.G4BP	01-06	**PA934**				25100-38002,25100-38200
2.0 CRDi, 4WD (83 kW) Eng.D4EA	4/01-	**PA829**		•		25100-27000,25100-27010
	01-	**KP829-1**		•	Belt:123x28, PA829	24312-27000/ -27250,25100-27000/ -27010
2.0 CRDi, 4WD (92 kW) Eng.D4EA	03-	**PA829**		•		25100-27000,25100-27010
	03-05	**KP829-1**		•	Belt:123x28, PA829	24312-27000/ -27250,25100-27000/ -27010

			
PA702	**PA776**	**PA780**	**PA795**
PA922	**PA934**	**PA1024**	**PA1063**
PA1088	**PA1174**	**PA1186**	**PA1187**

		GRAF ref.			NOTE	Adaptable for OES
2.2 CRDi, 4WD (110 kW) Eng.D4EB	05-06	**PA1063**		•		25100-27400
2.4 16v, 4WD (100-107 kW) Eng.G4JS-G	2/01-06	**PA934**				25100-38002,25100-38200
2.7 V6 4WD (127 kW) Eng.G6BA-G	01-	**PA1024**		•		25100-37102,25100-37200/ 1/ 2
2.7, 4WD (132-139 kW) Eng.G6EA	05-06	**PA1187**				
Santa Fe II (CM) '3/06-'12/10						
2.2 CRDi (114 kW) Eng.D4EB	06-	**PA1063**		•		25100-27400
2.2 CRDi, 4WD (102 kW) Eng.D4EB	06-	**PA1063**		•		25100-27400
2.2 CRDi, 4WD (110 kW) Eng.D4EB	06-	**PA1063**		•		25100-27400
2.7 V6 (125 kW) Eng.G6BA-G	06-	**PA1187**				
2.7 V6, 4WD (139 kW) Eng.G6EA	06-	**PA1187**				
Santa Fe III '1/11-						
2.0 CRDi, 4WD (110 kW) Eng.D4HA	11-	**PA1174**	•			25100-2F000/ 700
2.2 CRDi, 4WD (145 kW) Eng.D4HB	11-	**PA1174**	•			25100-2F000/ 700
2.4 16v (128 kW) Eng.G4KE	11-	**PA1186**				25100-2G100/ 200,25110-25002
Santamo '5/99-						
2.0 16v, 4WD (102 kW) Eng.G4CP	99-	**PA934**				25100-38002,25100-38200
Solaris (RB) '11/10-						
1.4 (79 kW) Eng.G4FA	11/10-3/11	**PA1088**				25100-2B000,25100-2B010
1.6 (90 kW) Eng.G4FC	11/10-3/11	**PA1088**				25100-2B000,25100-2B010
Sonata I (Y-2) '9/88-'10/93						
1.8 i (70 kW) Eng.G4M	88-	**PA922**				25100-32515
2.0 i (74 kW) Eng.G4CP	88-	**PA922**				25100-32515
2.0 i (80 kW) Eng.G4CP-U	91-	**PA922**				25100-32515
	91-93	**PA702**			Eng. DOHC	25100-33112,25100-33132
2.0 i 16v (96-102 kW) Eng.G4CP-D	91-93	**PA702**				25100-33112,25100-33132
2.4 i (82-84-90 kW) Eng.G4CS	88-	**PA922**				25100-32515
3.0i V6 (107-104 kW) Eng.G6AT	91-93	**PA795**		•		25100-35020/ -35030/ -35050/ -36010
Sonata II (Y-3) '5/93-'6/98						
1.8 i (72 kW) Eng.G4CM	93-98	**PA702**			DOHC	25100-33112,25100-33132
	93-98	**PA776**			SOHC	-
2.0 i (70 kW) Eng.G4CP	96-98	**PA702**			DOHC	25100-33112,25100-33132
	96-98	**PA776**			SOHC	-
2.0 i (77 kW) Eng.G4CP	94-96	**PA702**			DOHC	25100-33112,25100-33132
	94-96	**PA776**			SOHC	-
2.0 i 16v (92 kW) Eng.G4CP-DM	96-98	**PA702**				25100-33112,25100-33132
2.0 i 16v (96-102 kW) Eng.G4CP-D	93-98	**PA702**				25100-33112,25100-33132
Sonata III (EF) '3/98-'10/01						
2.0 16v (100 kW) Eng.G4JP-G	98-01	**PA934**				25100-38002,25100-38200
2.4 16v (105 kW) Eng.G4JS	98-01	**PA934**				25100-38002,25100-38200
2.5 V6 24v (118 kW) Eng.G6BV-G	98-01	**PA1024**		•		25100-37102,25100-37200/ 1/ 2
Sonata IV '10/01-'12/04						
2.0 (96 kW) Eng.G4JP-EG	01-	**PA934**				25100-38002,25100-38200
2.7 V6 (127 kW) Eng.G6BA-G	01-	**PA1024**		•		25100-37102,25100-37200/ 1/ 2
Sonata V (NF) '1/05-						
2.0 CRDi (100 kW) Eng.D4EA-L	06-	**PA1063**		•		25100-27400
2.0 CRDi (103 kW) Eng.G4DF	06-	**PA1063**		•		25100-27400
2.0 CRDi (110 kW) Eng.D4EA	09-	**PA1063**		•		25100-27400
2.2 CRDi (110 kW) Eng.D4EB	06-	**PA1063**		•		25100-27400
2.4 (119 kW) Eng.G4KC	06-	**PA1186**				25100-2G100/ 200,25110-25002
Sonica '7/06-						
2.0 CRDi (103 kW) Eng.G4DF	93-	**PA702**				25100-33112,25100-33132
Starex (H1) '6/97-						
2.4, 4WD (82 kW) Eng.G4BS	97-	**PA780**				25100-32033

PA159

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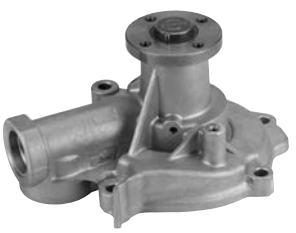
PA701

PA780

PA829



PA934

PA972

PA1002

PA1022

PA1024

PA1055

PA1063

PA1106

PA1136

PA1257

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not available

KP829-1

		GRAF ref.			NOTE	Adaptable for OES
Terracan (HP) '12/01-						
2.5 TD (73-65-77 kW) Eng.D4BH	01-	**PA701**				25100-42501/ -42540/ 1/ -42700
2.9 CRDi (110-120 kW) Eng.HJ3	01-	**PA1022**				0K88R-15-100,25100-4X800
3.5 i V6 4WD (143-147 kW) Eng.G6CU	01-	**PA1002**			+BH	25100-39800/ 2
Trajet (FO) '3/00-						
2.0 (103 kW) Eng.G4GC	04-	**PA972**				25100-23010/ 1,25100-23511/ 3,25100-23530
2.0 16v (100 kW) Eng.G4JP-G	00-	**PA934**				25100-38002,25100-38200
2.0 CRDi (83 kW) Eng.D4EA	01-	**PA829**		•		25100-27000,25100-27010
	01-06	**KP829-1**		•	Belt:123x28, PA829	24312-27000/ -27250,25100-27000/ -27010
2.7 V6 (127 kW) Eng.G6BA-G	00-	**PA1024**		•		25100-37102,25100-37200/ 1/ 2
Tucson (JM) '8/04-						
2.0 CRDi (100 kW) Eng.D4EA	06-	**PA1063**		•		25100-27400
2.0 CRDi (103 kW) Eng.D4EA-F/-V	06-	**PA1063**		•		25100-27400
2.0 CRDi, 4WD (83 kW) Eng.D4EA	04-	**PA829**		•		25100-27000,25100-27010
	04-06	**KP829-1**		•	Belt:123x28, PA829	24312-27000/ -27250,25100-27000/ -27010
2.0 CRDi, Allrad (110 kW) Eng.D4EA	09-	**PA1063**		•		25100-27400
2.0, 4WD (104 kW) Eng.G4GC	04-	**PA972**				25100-23010/ 1,25100-23511/ 3,25100-23530
2.7 4WD (129 kW) Eng.G6BA	04-	**PA1024**		•		25100-37102,25100-37200/ 1/ 2
Veloster '3/11-						
1.6 (103 kW) Eng.G4FD	11-	**PA1136**				25100-2B700
1.6 T-GDI (137 kW)	12-	**PA1136**				25100-2B700

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H-1 Van, Starex '10/97-						
2.4 (107 kW) Eng.G4JS	01-	**PA1106**				25100-38450
2.4, 4WD (82-84-90 kW) Eng.G4CS	00-06	**PA780**				25100-32033
	06-	**PA1106**				25100-38450
2.5 CRDi (125 kW) Eng.D4CB	08-	**PA1257**				25100-4A710
2.5 CRDi (81 kW) Eng.D4CB	07-	**PA1055**				25100-4A000/ 100/ 200/ 300
2.5 CRDi (85 kW) Eng.4G64	11-	**PA1257**				25100-4A710
2.5 CRDi, 4WD (100-103 kW) Eng.D4CB	03-	**PA1055**				25100-4A000/ 100/ 200/ 300
2.5 D (57 kW) Eng.D4BB	97-	**PA1055**				25100-4A000/ 100/ 200/ 300
2.5 TD (59 kW) Eng.D4BF	02-07	**PA1055**				25100-4A000/ 100/ 200/ 300
	97-02	**PA701**				25100-42501/ -42540/ 1
2.5 TD, 4WD (73 kW) Eng.D4BH	06-	**PA1055**				25100-4A000/ 100/ 200/ 300
	99-01	**PA701**			Eng. TCi	25100-42501/ -42540/ 1
	99-06	**PA700**			Eng. TC (98-01)	25100-42000/ 1
2.5 TD, 4WD (74 kW) Eng.D4BH	01-06	**PA700**				25100-42000/ 1
	06-	**PA1055**				25100-4A000/ 100/ 200/ 300
H100 Bus (P) '7/93-'3/00						
2.4 (82-84-90 kW) Eng.G4CS	93-00	**PA780**				25100-32033
2.5 D, Van (55 kW) Eng.D4BX/D4BA	93-94	**PA700**				25100-42000/ 1
2.5 TD (59 kW) Eng.D4BF	93-	**PA700**				25100-42000/ 1
i800 Bus '5/08-						
2.5 CRDi (125 kW) Eng.D4CB	08-	**PA1055**				25100-4A000/ 100/ 200/ 300

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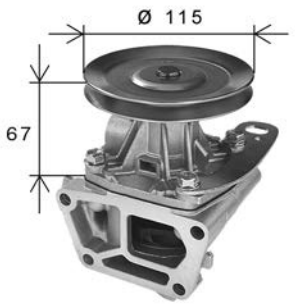
990 '1/86-'12/90						
1.0 (38 kW) Eng.CB22	86-90	**PA305**				554021207
1.0 T. (50 kW) Eng.CB60	86-90	**PA305**				554021207
Elba (146) '4/86-						
1.3 (49 kW) Eng.146A5.000	94-96	**PA159**				-
	94-96	**PA559**			+RB	4336009,5882691,5890406
1.4 ie (49 kW) Eng.146C5.000/146D5.000	94-96	**PA598**	•		Eng -9470268	7635148,7651586,7691047,7770038,7784979
	94-96	**PA626**	•		Eng 9470269-	46437911,7752928



PA054

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PA159

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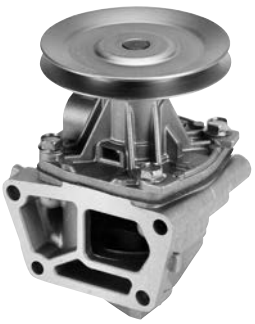

PA285

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PA338A

PA398

PA554

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PA626

PA630

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PA797

PA809

		GRAF ref.			NOTE	Adaptable for OES
1.4 ie (49 kW) Eng.146C5.000/146D5.000	94-96	**PA398**			+BH, Eng -9470268	71737972,7635148,7651586,7691046/ 7 7770038,7784979
	94-96	**PA630**			+BH, Eng 9470269-	46437911,7752928
1.5 (55 kW) Eng.149C1.000	92-94	**PA285**			+BH	7580754,7691043,7719921,7784981
1.6 ie (55 kW) Eng.146C6.000/146D6.000	94-96	**PA598**	•		Eng -9470268	7635148,7651586,7691047,7770038,7784979
	94-96	**PA626**	•		Eng 9470269-	46437911,7752928
	94-96	**PA398**			+BH, Eng -9470268	71737972,7635148,7651586,7691046/ 7 7770038,7784979
	94-96	**PA630**			+BH, Eng 9470269-	46437911,7752928
1.7 D (42 kW) Eng.146B2.000	91-96	**PA338A**				46409136,71737977,7608844,7693966
	91-96	**PA733**			+PS, +Air	46525058
IM3 / IM3S '1/62-'12/71						
1.1 (33 kW) Eng.10H	62-71	**PA187**				38402022,38402024,38406025
J4/ J4S / J5 '1/71-'12/76						
1.1 (33 kW) Eng.10H	71-76	**PA187**				38402022,38402024,38406025
Koral '1/90-'12/92						
0.9 45 (33 kW) Eng.100GL064	90-92	**PA088**				4471378
1.1 55 (40 kW) Eng.128A	90-92	**PA554**	•			5882695
	90-92	**PA054**			+BH	5882695
Mille '1/94-						
1.0ie (33 kW) Eng.146C7	96-	**PA159**				-
	96-	**PA559**			+RB	4336009,5882691,5890406
Mini I '1/69-'1/77						
1.0 (32 kW) Eng.BLMC99H	74-77	**PA187**				38402022,38402024,38406025
1.0 (35 kW) Eng.BLMC99H	74-77	**PA187**				38402022,38402024,38406025
1.0 (39 kW)	74-77	**PA187**				38402022,38402024,38406025
90-120	74-77	**PA187**				38402022,38402024,38406025
Clubman	74-77	**PA187**				38402022,38402024,38406025
Mini II '1/77-'10/85						
0.8 (25 kW)	77-85	**PA187**				38402022,38402024,38406025
1.0 (27 kW) Eng.BLMC99H	77-85	**PA187**				38402022,38402024,38406025
1.0 (32 kW) Eng.BLMC99H	77-85	**PA187**				38402022,38402024,38406025
1.0 (35 kW) Eng.BLMC99H	77-85	**PA187**				38402022,38402024,38406025
1.0 (39 kW) Eng.CB23	77-85	**PA187**				38402022,38402024,38406025
1.1 (33-37 kW)	77-85	**PA187**				38402022,38402024,38406025
1.3 S (44 kW)	77-85	**PA187**				38402022,38402024,38406025
Mini III '10/85-'10/91						
1.0 (27 kW) Eng.BLMC99H	85-87	**PA305**				554021207
1.0 (32 kW) Eng.BLMC99H	85-87	**PA305**				554021207
1.0 (35 kW) Eng.BLMC99H	85-87	**PA305**				554021207
1.0 D (27 kW) Eng.CL10/CL11	85-87	**PA305**				554021207
1.0 T. De Tomaso (53 kW) Eng.CB60/CB61	85-87	**PA305**				554021207

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Bighorn '9/81-'11/89						
2.2 D (39-45 kW) Eng.C223	81-89	**PA797**				8-94376837-0
Campo '4/77-'12/91						
2.2 D 4WD (39-45 kW) Eng.C223	83-91	**PA797**				8-94376837-0
2.5 D, 4WD (55 kW) Eng.4JA1	83-90	**PA809**				8-94310251-0,8-94376841-0/ 844-0 8-94419461-2,8-94461173-0,8-97018560-1
Elf '1/83-						
2.2 D (39 kW) Eng.C223	1/83-	**PA797**				8-94376837-0
2.5 D (55 kW) Eng.4JA1	7/84-	**PA809**				8-94310251-0,8-94376841-0/ 844-0 8-94419461-2,8-94461173-0,8-97018560-1
2.8 TD (71-78 kW) Eng.4JB1T/TC	7/84-	**PA809**				8-94310251-0,8-94376841-0/ 844-0 8-94419461-2,8-94461173-0,8-97018560-1

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PA842

		GRAF ref.			NOTE	Adaptable for OES
Fargo '1/81-'12/94						
1.8 D, TD (45-54 kW) Eng.4FB1	4/83-94	**PA811**				8-94118501-0,8-97010201-0
	82-3/83	**PA810**				8-94240089-0/ 378-0,8-97010200-0
2.2 D (54 kW) Eng.4FD1	83-94	**PA811**				8-94118501-0,8-97010201-0
2.4 D Eng.4FG1	87-94	**PA811**				8-94118501-0,8-97010201-0
Florian (PAD30) '12/79-'8/83						
2.0 D (40 kW) Eng.C190	12/79-8/83	**PA797**				8-94376837-0
Midi Bus,Van '1/89-						
2.2 D, 4WD (45 kW) Eng.4FD1	89-	**PA797**				8-94376837-0
Trooper I (UBS) '1/83-'12/91						
2.2 D 4WD (39 kW) Eng.C223	84-89	**PA797**				8-94376837-0
2.8 TD (71 kW) Eng.4JB1T	87-91	**PA809**				8-94310251-0,8-94376841-0/ 844-0 8-94419461-2,8-94461173-0,8-97018560-1
2.8 TD (78 kW) Eng.4JB1TC	88-91	**PA809**				8-94310251-0,8-94376841-0/ 844-0 8-94419461-2,8-94461173-0,8-97018560-1
Trooper I Soft Top (UBS) '1/83-'12/91						
2.2 D (45 kW) Eng.C223	83-12/83	**PA797**				8-94376837-0
2.2 TD (53 kW) Eng.C223T	84-87	**PA797**				8-94376837-0

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100 '1/73-						
F13, OM13, EC (90 kW) Eng.8060.02		**PA031**				4639182,4655010,4655054,4679242,93191101
NC (90 kW) Eng.8060.02		**PA031**				4639182,4655010,4655054,4679242,93191101
109 '1/83-'12/91						
109.14 Zeta (96-99-101 kW) Eng.8060.04/.05		**PA842**				98497115
110 '1/73-						
110.14, NC, 130 NC (96-99-101 kW) Eng.8060.04		**PA842**				98497115
115						
115.14 - 115.17 (96 kW) Eng.8060.04/.24		**PA842**				98497115
135						
135.14 - 135.17 (101 kW) Eng.8060.05		**PA842**				98497115
145 '1/87-						
145.17 (105-130 kW) Eng.8060.25		**PA842**				98497115
150 '1/75-						
150.20NC, NR, NT Eng.8220.02		**PA842**				98497115
F14, OM14, 150.16A, 150.17 (105-130 kW) Eng.8060.25		**PA842**				98497115
175						
175.17 (105-130 kW) Eng.8060.25	92-	**PA842**				98497115
300 '1/74-						
300 PC, PT, TC (192 kW) Eng.8210.02		**PA077**				4606023,4952496
40/35 '1/66-'12/71						
OM 40 - 40/35 NC (60 kW) Eng.8040.02		**PA031**				4639182,4655010,4655054,4679242,93191101
50 '1/66-'12/86						
50 - NC/ F8, 0M8 (60 kW) Eng.8040.02		**PA031**				4639182,4655010,4655054,4679242,93191101
50.9 Zeta (65 kW) Eng.8040.05	1/87-12/91	**PA840**				4813370
	92-	**PA841**				98497117
NC, OM (60 kW) Eng.8040.02		**PA031**				4639182,4655010,4655054,4679242,93191101
55 '1/70-						
55NC (60 kW) Eng.8040.02		**PA031**				4639182,4655010,4655054,4679242,93191101

PA031	**PA077**	**PA840**	**PA842**

		GRAF ref.			NOTE	Adaptable for OES
60 '1/79-'12/91						
60.10 Zeta (73-74 kW) Eng.8340.04	1/87-12/91	**PA840**				4813370
60.11 Zeta (75-85 kW) Eng.8040.25B/X		**PA842**				98497115
60.8 Zeta (63 kW) Eng.8040.04	1/87-12/91	**PA840**				4813370
616 '1/65-'12/71						
616N2 (33 kW) Eng.803A(8030.01)		**PA031**				4639182,4655010,4655054,4679242,93191101
616N3 (46 kW) Eng.8030.02		**PA031**				4639182,4655010,4655054,4679242,93191101
616N4 (60 kW) Eng.803A(8040.01)		**PA031**				4639182,4655010,4655054,4679242,93191101
625 '1/71-						
N2, N2P Eng.804A		**PA031**				4639182,4655010,4655054,4679242,93191101
N3 (60 kW) Eng.8040.02		**PA031**				4639182,4655010,4655054,4679242,93191101
645 '1/60-'12/73						
N1 (81 kW) Eng.806A		**PA031**				4639182,4655010,4655054,4679242,93191101
N2 (81 kW) Eng.806A		**PA031**				4639182,4655010,4655054,4679242,93191101
N3 (90 kW) Eng.8060.02		**PA031**				4639182,4655010,4655054,4679242,93191101
65 '1/70-'12/91						
65.10NC (60 kW) Eng.8040.02		**PA031**				4639182,4655010,4655054,4679242,93191101
65.9 Zeta (65 kW) Eng.8040.05	1/87-12/91	**PA840**				4813370
653						
N - N1 - N2 - N3		**PA031**				4639182,4655010,4655054,4679242,93191101
655 '1/66-'12/71						
N (81 kW) Eng.8060.01(806A)		**PA031**				4639182,4655010,4655054,4679242,93191101
N, N1 (90 kW) Eng.8060.02		**PA031**				4639182,4655010,4655054,4679242,93191101
662 '1/60-'12/71						
N1 (81 kW) Eng.8060.01(806A)		**PA031**				4639182,4655010,4655054,4679242,93191101
N2 (81 kW) Eng.8060.01(806A)		**PA031**				4639182,4655010,4655054,4679242,93191101
N2, N3 T (90 kW) Eng.8060.02		**PA031**				4639182,4655010,4655054,4679242,93191101
672 '1/69-						
N (90 kW) Eng.8060.02		**PA031**				4639182,4655010,4655054,4679242,93191101
684 '1/70-						
N, NP (147 kW) Eng.8200.02		**PA077**				4606023,4952496
T (147 kW) Eng.8200.03		**PA077**				4606023,4952496
690 '1/62-						
N4 (147 kW) Eng.8200.02		**PA077**				4606023,4952496
N4, T4 (192 kW) Eng.8210.02		**PA077**				4606023,4952496
691 '1/69-						
N, T, TS (192 kW) Eng.8210.02		**PA077**				4606023,4952496
697 '1/70-						
N, NP, NT, T, TP (192 kW) Eng.8210.02		**PA077**				4606023,4952496
79 '1/83-'12/91						
79.10 Zeta (73-74 kW) Eng.8340.04	1/87-12/91	**PA840**				4813370
79.12 T. Zeta (75-85 kW) Eng.8060.25B/X	1/87-12/91	**PA840**				4813370
79.14, 79.13 Zeta (96-99-101 kW) Eng.8040.04/.05		**PA842**				98497115
90 '1/70-						
NC, OM, F13, OM13 (96-99-101 kW) Eng.8060.04		**PA031**				4639182,4655010,4655054,4679242,93191101
OM14 (96-99-101 kW) Eng.8060.04		**PA031**				4639182,4655010,4655054,4679242,93191101
95 '1/83-'12/91						
95.14 Zeta (96-99-101 kW) Eng.8060.04		**PA842**				98497115

PA031

PA161

PA178

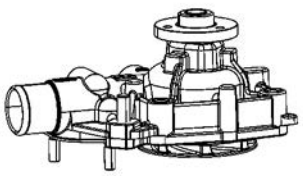
PA317

PA498

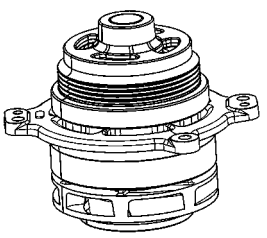
PA499

PA914

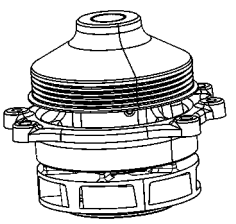
PA916



PA1161



PA1198



PA1199

		GRAF ref.			NOTE	Adaptable for OES
						Arway '6/06-
10.6M, 12M, 12.8M (243 kW) Eng.F2BE3681B	06-	**PA1198**				504093706
						Autobus
314/3 Eng.8060.12		**PA031**				4639182,4655010,4655054,4679242,93191101
315.13 (96-99-101 kW) Eng.8060.04		**PA031**				4639182,4655010,4655054,4679242,93191101
315.17 (124 kW) Eng.8060.24		**PA031**				4639182,4655010,4655054,4679242,93191101
316.13 (96-99-101 kW) Eng.8060.04		**PA031**				4639182,4655010,4655054,4679242,93191101
						CityClass '1/92-
491.10 (180-200-213 kW) Eng.F2BE0681	92-	**PA1199**				504029280
491.12 (165-177-200-213 kW) Eng.F2BE0681	92-	**PA1199**				504029280
591.10 (180-196-213 kW) Eng.F2BE0681	92-	**PA1199**				504029280
591.12 (196-213 kW) Eng.F2BE0681	92-	**PA1199**				504029280
591.18 (259 kW) Eng.F2BE0681A	92-	**PA1199**				504029280
						Daily - Grinta '1/79-'12/90
30.8 (53 kW) Eng.8140.61	79-90	**PA178**				4714636,4754850,4764761,7303009
32.8 (53 kW) Eng.8140.61	79-90	**PA178**				4714636,4754850,4764761,7303009
35.10 (68 kW) Eng.8140.21	79-90	**PA317**				2995627,7303056,99459755
35.10 T. (68 kW) Eng.8140.21	79-90	**PA317**				2995627,7303056,99459755
35.12 T. (53 kW) Eng.8140.61	79-90	**PA498**			Vett 12675-12679, +AF	2995629,98435994,99459757
35.8 (53 kW) Eng.8140.61	79-90	**PA178**				4714636,4754850,4764761,7303009
40.10 (68 kW) Eng.8140.21	79-90	**PA317**				2995627,7303056,99459755
40.8 (53 kW) Eng.8140.61	79-90	**PA178**				4714636,4754850,4764761,7303009
45.10 (68 kW) Eng.8140.21	79-90	**PA317**				2995627,7303056,99459755
49.10 T. (68 kW) Eng.8140.21	79-90	**PA317**				2995627,7303056,99459755
						Daily I '1/91-'1/99
30.10 (76 kW) Eng.8140.23	96-99	**PA1161**				99476298
30.8 (53 kW) Eng.8140.61	91-95	**PA499**			Vett 12497-12674, +AF	98437726,99440728
	91-99	**PA178**				4714636,4754850,4764761,7303009
	91-99	**PA161**			+AF	5001833230,7303050
	96-99	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
30.8 (62 kW) Eng.8140.63	98-99	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
35.10 (68 kW) Eng.8140.21	91-95	**PA178**				4714636,4754850,4764761,7303009
	91-95	**PA161**			+AF	5001833230,7303050
	96-99	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
35.10 (76 kW) Eng.8140.23	96-99	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
	96-99	**PA1161**				99476298
35.10 (76 kW) Eng.8140.47R	89-96	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
35.12 (85 kW) Eng.8140.47	90-96	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
35.12 V, C (53 kW) Eng.8140.61	91-99	**PA914**			Vett 12680-, +AF	500300476,500361203,500361919,98438356 98439407,99438900,99448068
35.8 (53 kW) Eng.8140.61	91-95	**PA178**				4714636,4754850,4764761,7303009
	91-95	**PA161**			+AF	5001833230,7303050
	91-95	**PA499**			Vett 12497-12674, +AF	98437726,99440728
	96-99	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
35.8 (62 kW) Eng.8140.63	96-98	**PA916**				2995624,500361455
	98-99	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
40.10 (68 kW) Eng.8140.21	91-95	**PA178**				4714636,4754850,4764761,7303009
	91-95	**PA161**			+AF	5001833230,7303050
40.10 (76 kW) Eng.8140.23	96-99	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
	96-99	**PA1161**				99476298
40.8 (53 kW) Eng.8140.61	91-95	**PA178**				4714636,4754850,4764761,7303009
	91-95	**PA161**			+AF	5001833230,7303050

PA161

PA178

PA900

PA913

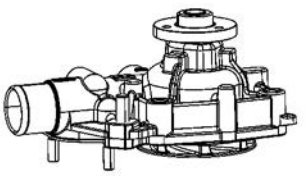
PA914

PA915

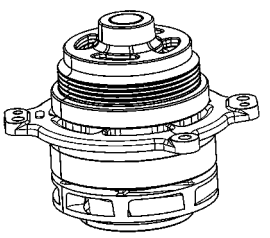
PA967

PA1026

PA1156



PA1161



PA1198

		GRAF ref.			NOTE	Adaptable for OES
45.10 (76 kW) Eng.8140.23	96-99	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
	96-99	**PA1161**				99476298
45.10 TD (68 kW) Eng.8140.21	91-95	**PA178**				4714636,4754850,4764761,7303009
	91-95	**PA161**			+AF	5001833230,7303050
45.12 (85 kW) Eng.8140.47	90-96	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
45.12 TD (85 kW) Eng.8140.47	91-99	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
49.10 (76 kW) Eng.8140.23	96-99	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
	96-99	**PA1161**				99476298
49.10 (76 kW) Eng.8140.47R	89-96	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
49.10 TD (68 kW) Eng.8140.21	91-95	**PA178**				4714636,4754850,4764761,7303009
	91-95	**PA161**			+AF	5001833230,7303050
	96-99	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
49.12 TD (68 kW) Eng.8140.21	96-99	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
59.12 TD (85 kW) Eng.8140.21/.47	96-99	**PA914**				500300476,500361203,500361919,98438356 98439407,99438900,99448068
Daily II '2/99-'4/06						
29L11 2.8 D (62-78 kW) Eng.8140.43C/B	99-	**PA915**				500362859
29L12 2.3JTD (70 kW) Eng.F1AE0481C	99-	**PA900**		•		504033770
35C11V 2.8 D (78 kW) Eng.8140.43C/B	99-	**PA913**				500316451,500362834
35C13V 2.8 D (92-94 kW) Eng.8140.43S	99-	**PA915**				500362859
35C14 3.0JTD (96 kW) Eng.F1CE0481A	05-	**PA967**				504113544
35C15V (107 kW) Eng.8140.43N	99-06	**PA915**				500362859
35S11 2.8 D (78 kW) Eng.8140.43C	99-	**PA913**				500316451,500362834
35S13 2.8 D (92 kW) Eng.8140.43S	99-	**PA915**				500362859
35S15 2.8 D (107 kW) Eng.8140.43N	99-06	**PA915**				500362859
40C15 (107 kW) Eng.8140.43N	01-06	**PA915**				500362859
50C11 2.8 D (78 kW) Eng.8140.43C/B	99-	**PA915**				500362859
50C13 2.8 D (92-94 kW) Eng.8140.43S	99-	**PA915**				500362859
50C14 3.0JTD (136 kW) Eng.F1CE0481A	05-	**PA967**				504113544
50C15 (107 kW) Eng.8140.43N	01-06	**PA915**				500362859
65C14 3.0JTD (100 kW) Eng.F1CE0481A	04-	**PA967**				504113544
65C15 2.8 TD (107-90 kW) Eng.8140.43N	99-06	**PA915**				500362859
Daily III '5/06-						
2.3 HPI (100 kW) Eng.F1AE0481HA	06-	**PA900**		•		504033770
2.3 HPI (71-78 kW) Eng.F1AE0481FA	06-	**PA900**		•		504033770
2.3 HPI (85 kW) Eng.F1AE0481GA	06-	**PA900**		•		504033770
2.3 HPI (93 kW) Eng.F1AE0481GA	09-	**PA900**		•		504033770
3.0 HPI (108 kW) Eng.F1CE0481FA	06-	**PA967**				504113544
3.0 HPI (130 kW) Eng.F1CE0481HA	06-	**PA967**				504113544
3.0 HPT (130 kW) Eng.F1CE0481HC	07-	**PA1156**				504360207,504369725
3.0 Nat. Power (100 kW) Eng.F1CE0441A	10-	**PA1156**				504360207,504369725
3.0 TT (103 kW) Eng.F1CE3481LC	10-	**PA1156**				504360207,504369725
3.0 TT (125 kW) Eng.F1CE0481HA	10-	**PA1156**				504360207,504369725
Daily IV '1/11-						
2.3 HPI (78 kW) Eng.F1AE3481A	11-	**PA900**		•		504033770
2.3 HPI (93 kW) Eng.F1AE3481B	11-	**PA900**		•		504033770
3.0 HPI (100 kW)	11-	**PA1026**				504102572,504248581
3.0 HPI (107 kW) Eng.F1CE3481J/F1CE3481L	11-	**PA1026**				504102572,504248581
3.0 HPT (125 kW) Eng.F1CE3481C/F1CE3481K	11-	**PA1026**				504102572,504248581
3.0 HPT (130 kW)	11-	**PA1026**				504102572,504248581
3.0 HPT (150 kW) Eng.F1CE3481D	11-	**PA1026**				504102572,504248581
Domino '10/03-						
HD (280 kW)	06-	**PA1198**				504093706
HD, HDH (330 kW)	06-	**PA1198**				504093706

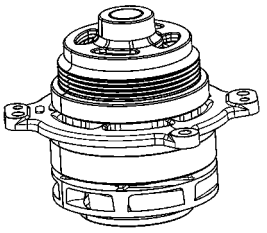
PA843

PA844

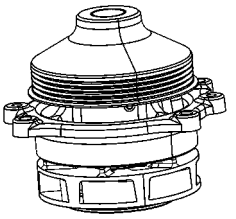
PA845

PA846

PA1060



PA1198



PA1199

		GRAF ref.			NOTE	Adaptable for OES
EuroCargo '1/91-						
100 E 15 (105-130 kW) Eng.8060.25R/ 45R	91-	**PA843**				98415831
100 E 17 (125 kW) Eng.F4AE0481A	00-	**PA1060**				504062854
100 E 18 (130 kW) Eng.8060.25V	91-	**PA843**				98415831
100 E 18 (134 kW) Eng.F4AE0681E	00-	**PA1060**				504062854
100 E 21 (152-105 kW) Eng.8060.45	91-	**PA843**				98415831
100 E 21 (154 kW) Eng.F4AE0681D	00-	**PA1060**				504062854
120 E 15 (105-130 kW) Eng.8060.25R	91-	**PA843**				98415831
120 E 18 (130 kW) Eng.8060.25V	92-	**PA843**				98415831
120 E 18 (134 kW) Eng.F4AE0681E	00-	**PA1060**				504062854
120 E 23 (167 kW) Eng.8060.45S/.6090	91-	**PA844**				4838676
120 E 24/ 28 (176-202 kW) Eng.F4AE0681A/B	00-	**PA1060**				504062854
120 EL 17 (125 kW) Eng.F4AE0481A	00-	**PA1060**				504062854
120 EL 21 (154 kW) Eng.F4AE0681D	00-	**PA1060**				504062854
130 E 15 (105-130 kW) Eng.8060.25R	94-	**PA843**				98415831
130 E 18 (1KP105 kW) Eng.8060.25V	92-	**PA843**				98415831
130 E 18 (134 kW) Eng.F4AE0681E	00-	**PA1060**				504062854
130 E 23 (167 kW) Eng.8060.45S/.6090	92-	**PA844**				4838676
130 E 24 (176 kW) Eng.F4AE0681B	00-	**PA1060**				504062854
130 E 28 (202 kW) Eng.F4AE0681A	00-	**PA1060**				504062854
140 E 18 (134 kW) Eng.F4AE0681E	00-	**PA1060**				504062854
140 E 24 (176 kW) Eng.F4AE0681B	00-	**PA1060**				504062854
150 E 18 (134 kW) Eng.F4AE0681E	00-	**PA1060**				504062854
150 E 23 (167 kW) Eng.8060.45S/.6090	92-	**PA844**				4838676
150 E 24 (176 kW) Eng.F4AE0681B	00-	**PA1060**				504062854
150 E 27 (196-176 kW) Eng.8360.46/R	92-	**PA846**	•			42532082,42535615
	92-	**PA845**				42532083,98439476
150 E 28 (202 kW) Eng.F4AE0681A	00-	**PA1060**				504062854
170 E 27,180 E 27 (196-176 kW) Eng.8360.46/R	94-	**PA846**	•			42532082,42535615
	94-	**PA845**				42532083,98439476
180 E 21/24 (154-176 kW) Eng.F4AE0681B/ D	00-	**PA1060**				504062854
180 E 28 (202 kW) Eng.F4AE0681A	00-	**PA1060**				504062854
320 E 27 (196-176 kW) Eng.8360.46/R	92-	**PA846**	•			42532082,42535615
	92-	**PA845**				42532083,98439476
320 E 28 (202 kW) Eng.F4AE0681A	00-	**PA1060**				504062854
60 E 12 (75-85 kW) Eng.8040.25B/X	91-96	**PA843**				98415831
65 E 13 (95 kW) Eng.F4AE0481D	00-	**PA1060**				504062854
65 E 14 (100 kW) Eng.8040.45	91-	**PA843**				98415831
65 E 15 (110 kW) Eng.F4AE0481C	00-	**PA1060**				504062854
75 E 12 (75-85 kW) Eng.8040.25B/X	91-	**PA843**				98415831
75 E 13 (95 kW) Eng.F4AE0481D	00-	**PA1060**				504062854
75 E 14 (100 kW) Eng.8040.45	91-	**PA843**				98415831
75 E 15 (105-130 kW) Eng.8060.25R	91-00	**PA843**				98415831
75 E 15/ 17 (110-125 kW) Eng.F4AE0481A/ C	00-	**PA1060**				504062854
75 E 18 (134 kW) Eng.F4AE0681E	00-	**PA1060**				504062854
80 E 15 (105-130 kW) Eng.8060.25R	91-	**PA843**				98415831
80 E 17 (125 kW) Eng.F4AE0481A	00-	**PA1060**				504062854
80 E 18 (105-130 kW) Eng.8060.25V	91-	**PA843**				98415831
80 E 18 (134 kW) Eng.F4AE0681E	00-	**PA1060**				504062854
80 E 21 (105-152 kW) Eng.8060.45	91-	**PA843**				98415831
80 E 21 (154 kW) Eng.F4AE0681D	00-	**PA1060**				504062854
80 EL 15 (110 kW) Eng.F4AE0481C	00-	**PA1060**				504062854
90 E 17 (125 kW) Eng.F4AE0481A	00-	**PA1060**				504062854
90 E 18 (134 kW) Eng.F4AE0681E	00-	**PA1060**				504062854
90 E 21 (154 kW) Eng.F4AE0681D	00-	**PA1060**				504062854
EuroRider '1/92-						
35	92-	**PA1199**				504029280
38	92-	**PA1198**				504093706
43	92-	**PA1198**				504093706

PA849

PA850

PA852

PA942

PA968

PA969

		GRAF ref.			NOTE	Adaptable for OES
EuroStar '1/93-'12/02						
LD 190 E 42 (243-265-272-277-309 kW) Eng.8210.42/K/L	93-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
LD 190 E 47 (345 kW) Eng.8210.42M	93-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
LD 240 E 42 (243-265-272-277-309 kW) Eng.8210.42/K/L	93-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
LD 240 E 47 (345 kW) Eng.8210.42M	93-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
LD 440 E 42 (243-265-272-277-309 kW) Eng.8210.42/K/L	93-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
LD 440 E 47 (345 kW) Eng.8210.42M	93-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
LD 440 E 48 (353 kW) Eng.F3BE0681E	01-02	**PA942**				500356553
EuroTech MH '1/98-						
190 E 24 (180 kW) Eng.F2BE0681D	98-	**PA968**				99483937
190 E 27 (200 kW) Eng.F2BE0681C/ F	98-	**PA968**				99483937
190 E 31 (228 kW) Eng.F2BE0681B	98-	**PA968**				99483937
190 E 35 (259 kW) Eng.F2BE0681A	98-	**PA968**				99483937
260 E 24 (180 kW) Eng.F2BE0681D	99-	**PA968**				99483937
260 E 27 (200 kW) Eng.F2BE0681C/ F	99-	**PA968**				99483937
260 E 31 (228 kW) Eng.F2BE0681B	99-	**PA968**				99483937
260 E 35 (259 kW) Eng.F2BE0681A	99-	**PA968**				99483937
400/440 E 31 (228 kW) Eng.F2BE0681B	98-	**PA968**				99483937
400/440 E 35 (259 kW) Eng.F2BE0681A	98-	**PA968**				99483937
EuroTech MP '1/92-						
180 E 34 (221-234-254-276 kW) Eng.8460.41	92-93	**PA850**	•			500350798,93190284
	92-93	**PA849**			+BH	500350797,61318939
180 E 42 (243-265-272-277-309 kW) Eng.8210.42/K/L	92-93	**PA852**	•			98479675,99445447
190 E 34 (221-234-254-276 kW) Eng.8460.41	93-	**PA850**	•			500350798,93190284
	93-	**PA849**			+BH	500350797,61318939
190 E 38 (221-234-254-276 kW) Eng.8460.41	93-	**PA850**	•			500350798,93190284
	93-	**PA849**			+BH	500350797,61318939
190 E 42 (243-265-272-277-309 kW) Eng.8210.42/K/L	93-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
240 E 38 (221-234-254-276 kW) Eng.8460.41	92-	**PA850**	•			500350798,93190284
	92-	**PA849**			+BH	500350797,61318939
240 E 42 (243-265-272-277-309 kW) Eng.8210.42/K/L	92-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
260 E 42 (243-265-272-277-309 kW) Eng.8210.42/K/L	94-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
400 E 38 (221-234-254-276 kW) Eng.8460.41L	92-	**PA850**	•			500350798,93190284
	92-	**PA849**			+BH	500350797,61318939
400 E 38 (221-234-254-276 kW) Eng.8460.41N	92-	**PA850**	•			500350798,93190284
	92-	**PA849**			+BH	500350797,61318939
400 E 42 (309 kW) Eng.8210.42L	92-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
400/440 E 34 (221-234-254-276 kW) Eng.8460.41	92-	**PA850**	•			500350798,93190284
	92-	**PA849**			+BH	500350797,61318939
440 E 38 (221-234-254-276 kW) Eng.8460.41	93-	**PA850**	•			500350798,93190284
	93-	**PA849**			+BH	500350797,61318939
440 E 42 (243-265-272-277-309 kW) Eng.8210.42/K/L	93-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
EuroTech MT '1/92-'12/98						
180 E 30/34 (221-234-254-276 kW) Eng.8460.41	92-	**PA850**	•			500350798,93190284
	92-	**PA849**			+BH	500350797,61318939
190 E 30 (221-234-254-276 kW) Eng.8460.41	97-98	**PA850**	•			500350798,93190284
	97-98	**PA849**			+BH	500350797,61318939

PA849

PA850

PA852

PA853

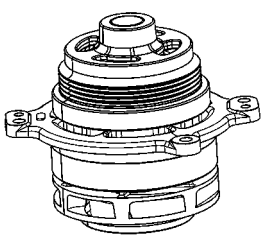
PA854

PA942

PA968

PA969

PA1156



PA1198

		GRAF ref.			NOTE	Adaptable for OES
400 E 34 (221-234-254-276 kW) Eng.8460.41	92-	**PA850**	•			500350798,93190284
	92-	**PA849**			+BH	500350797,61318939
						EuroTrakker '1/93-'12/04
MP 190 E 31 (228 kW) Eng.F2BE0681B	99-04	**PA968**				99483937
MP 190 E 34 (221-234-254-276 kW) Eng.8460.41	93-	**PA850**	•			500350798,93190284
	93-	**PA849**			+BH	500350797,61318939
MP 190 E 35 (259 kW) Eng.F2BE0681A	99-04	**PA968**				99483937
MP 190 E 37 (243-265-272-277-309 kW) Eng.8210.42/K/L	93-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
MP 190 E 38 (280 kW) Eng.F3BE0681G	01-04	**PA942**				500356553
MP 190 E 42 (243-265-272-277-309 kW) Eng.8210.42/K/L	93-	**PA969**				500350785,93190285
MP 190 E 44 (324 kW) Eng.F3BE0681C	00-04	**PA942**				500356553
MP 260 E 31 (228 kW) Eng.F2BE0681B	99-04	**PA968**				99483937
MP 260 E 35 (259 kW) Eng.F2BE0681A	99-04	**PA968**				99483937
MP 260 E 38 (280 kW) Eng.F3BE0681G	01-04	**PA942**				500356553
MP 260 E 44 (324 kW) Eng.F3BE0681C	00-04	**PA942**				500356553
MP 340 E 35 (259 kW) Eng.F2BE0681A	99-04	**PA968**				99483937
MP 340 E 38 (280 kW) Eng.F3BE0681G	01-04	**PA942**				500356553
MP 340 E 44 (324 kW) Eng.F3BE0681C	01-04	**PA942**				500356553
MP 380 E 34 (221-234-254-276 kW) Eng.8460.41	93-	**PA850**	•			500350798,93190284
	93-	**PA849**			+BH	500350797,61318939
MP 380 E 37 (243-265-272-277-309 kW) Eng.8210.42/K/L	93-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
MP 380 E 38 (280 kW) Eng.F3BE0681G	01-04	**PA942**				500356553
MP 380 E 42 (243-265-272-277-309 kW) Eng.8210.42/K/L	93-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
MP 380 E 44 (324 kW) Eng.F3BE0681C	01-04	**PA942**				500356553
MP 410 E 37 (243-265-272-277-309 kW) Eng.8210.42/K/L	93-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
MP 410 E 38 (280 kW) Eng.F3BE0681G	01-04	**PA942**				500356553
MP 410 E 42 (243-265-272-277-309 kW) Eng.8210.42/K/L	93-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
MP 720 E 37 (243-265-272-277-309 kW) Eng.8210.42/K/L	93-	**PA969**				500350785,93190285
MP 720 E 42 (243-265-272-277-309 kW) Eng.8210.42/K/L	93-95	**PA852**	•			98479675,99445447
	96-	**PA969**				500350785,93190285
						Evadys '10/03-
HD 12m (280 kW)	03-	**PA1198**				504093706
HD 12m (330 kW)	03-	**PA1198**				504093706
						Magelys '8/08-
HD (280 kW)	08-	**PA1198**				504093706
HD (330 kW)	08-	**PA1198**				504093706
						Massif '7/08-
3.0 HPI (107 kW) Eng.F1CE0481FA	08-	**PA1156**				504360207,504369725
3.0 HPT (130 kW) Eng.F1CE0481HA	08-	**PA1156**				504360207,504369725
						P / PA '12/79-'12/93
330.36 (243-265-272-277-309 kW) Eng.8210.42/K/L	89-92	**PA854**	•			42530032,93190286
	89-92	**PA853**			+BH	98468830,99458098
						Stralis '1/02-
AD/AT 190/260S27 (200 kW) Eng.F2BE0681F	04-	**PA968**				99483937
AD/AT 190/260S30 (218 kW) Eng.F2BE0681E	04-	**PA968**				99483937
AD/AT 190/260S31 (228 kW) Eng.F2BE0681B	03-	**PA968**				99483937
AD/AT 190/440S35 (259 kW) Eng.F2BE0681A	03-	**PA968**				99483937
AD/AT 260/440S35 (259 kW) Eng.F2BE0681A	03-	**PA968**				99483937
AD/AT 260S36 (265 kW) Eng.F2BE3681A	07-	**PA968**				99483937
AS 260S48 (353 kW) Eng.F3BE0681E	02-	**PA942**				500356553
AS 260S54 (397 kW) Eng.F3BE0681A	02-	**PA942**				500356553

PA527

PA671

PA802

PA807

PA839

PA847

PA848

PA853

PA854

PA942

PA968

PA974

PA1048

PA1049

PA1108

		GRAF ref.			NOTE	Adaptable for OES
AS 440S48 (353 kW) Eng.F3BE0681E	02-	**PA942**				500356553
AS 440S54 (397 kW) Eng.F3BE0681A	02-	**PA942**				500356553
						Trakker '1/04-
AD/AT 180/190T27 (200 kW) Eng.F2BE0681F	05-	**PA968**				99483937
AD/AT 190T31 (228 kW) Eng.F2BE0681B	04-	**PA968**				99483937
AD/AT 190T35 (259 kW) Eng.F2BE0681A	04-	**PA968**				99483937
AD/AT 190T38 (280 kW) Eng.F3BE0681G	05-	**PA942**				500356553
AD/AT 190T44 (324 kW) Eng.F3BE0681C	05-	**PA942**			ZF	500356553
AD/AT 260T31 (228 kW) Eng.F2BE0681B	04-	**PA968**				99483937
AD/AT 260T35 (259 kW) Eng.F2BE0681A	04-	**PA968**				99483937
AD/AT 260T38 (280 kW) Eng.F3BE0681G	04-	**PA942**				500356553
AD/AT 400T35 (259 kW) Eng.F2BE0681A	05-	**PA968**				99483937
						Turbostar '7/84-'12/93
190.36 (243-265-272-277-309 kW) Eng.8210.42/K/L	87-93	**PA848**	•			42530033
	87-93	**PA854**	•			42530032,93190286
	87-93	**PA847**			+BH	98468832,99458099
	87-93	**PA853**			+BH	98468830,99458098
						TurboTech '1/90-'1/93
190.36 (243-265-272-277-309 kW) Eng.8210.42/K/L	90-92	**PA848**	•			42530033
	90-92	**PA854**	•			42530032,93190286
	90-92	**PA847**			+BH	98468832,99458099
	90-92	**PA853**			+BH	98468830,99458098
220.36 (243-265-272-277-309 kW) Eng.8210.42/K/L	90-93	**PA848**	•			42530033
	90-93	**PA854**	•			42530032,93190286
	90-93	**PA847**			+BH	98468832,99458099
	90-93	**PA853**			+BH	98468830,99458098
240.36 (243-265-272-277-309 kW) Eng.8210.42/K/L	90-92	**PA848**	•			42530033
	90-92	**PA854**	•			42530032,93190286
	90-92	**PA847**			+BH	98468832,99458099
	90-92	**PA853**			+BH	98468830,99458098

JAGUAR

						S-Type (CCX) '1/99-
2.7 D (152 kW) Eng.7B/7G	04-	**PA1048**				C2C37824,C2S29888,C2S51205
						XF, SW '12/07-
2.2 D (120-140-147 kW) Eng.224DT	11-	**PA1049**		•		C2S51449
2.7 D (152 kW) Eng.AJD	07-	**PA1048**				C2C37824,C2S29888,C2S51205
						X-Type (CF1) '6/01-
2.0 D, Estate (96 kW) Eng.6B/6G	03-	**PA839**	•			C2S40055,C2S43330,C2S48033
	03-	**PA807**			+BH	C2S40055,C2S43330,C2S48033
2.0 V6 (115 kW) Eng.YB/AJV6	02-05	**PA974**	•			C2S18139,C2S42747,C2S43292,C2S5120
2.2 D (110-114 kW) Eng.BF/BG	05-	**PA839**	•			C2S40055,C2S43330,C2S48033
	05-	**PA807**			+BH	C2S40055,C2S43330,C2S48033
2.2 D, Estate (107 kW) Eng.LJ46G	07-	**PA839**	•			C2S40055,C2S43330,C2S48033
	07-	**PA807**			+BH	C2S40055,C2S43330,C2S48033
2.5 V6, Estate (144 kW) Eng.XB	01-	**PA974**	•			C2S18139,C2S42747,C2S43292,C2S5120
3.0 V6, Estate (169 kW) Eng.WB	01-	**PA974**	•			C2S18139,C2S42747,C2S43292,C2S5120

JEEP

						Cherokee II (XJ) '10/84-'8/01
2.1 TD, 4WD (59-64 kW) Eng.J8S	84-92	**PA527**			+RB	4864688
2.5 TD, 4WD (85-89 kW) Eng.VM425	88-	**PA802**	•		Impeller Ø 71mm	4864566/ AB
	88-	**PA671**	•		Impeller Ø 76mm	4864566/ AB
						Cherokee III (KJ) '9/01-'6/08
2.5 CRD (105 kW) Eng.ENJ	01-04	**PA1108**	•	•		05072697AA/ AB,5093911AB

PA527	**PA671**	**PA802**	**PA829**
PA891	**PA905**	**PA972**	**PA992**
PA1063	**PA1076**	**PA1082**	**PA1088**
		Immagine non disponibile **Picture not available**	
PA1108	**PA1143**	**KP829-1**	

		GRAF ref.			NOTE	Adaptable for OES
2.8 CRD (110 kW) Eng.ENR	02-08	**PA1108**	•	•		05072697AA/ AB,5093911AB
2.8 CRD (120 kW) Eng.ENR	04-08	**PA1108**	•	•		05072697AA/ AB,5093911AB
Cherokee IV (KK) '7/08-						
2.8 CRD (130 kW) Eng.ENS	08-09	**PA1076**		•		68027359AA
	09-	**PA1108**	•	•		05072697AA/ AB,5093911AB
2.8 CRD, 4WD (147 kW) Eng.ENS	11-	**PA1076**		•		68027359AA
CJ5 - CJ8 '1/66-'12/87						
2.1 D (44 kW) Eng.J8S	83-	**PA527**			+RB	4864688
CJ7 '1/82-'12/92						
2.0 (63 kW) Eng.J5R	82-92	**PA527**			+RB	4864688
2.1 TD (59-64 kW) Eng.J8S	82-92	**PA527**			+RB	4864688
Commander '9/05-						
3.0 CRD (160 kW) Eng.OM642.980	06-	**PA992**				05175580AA
Compass '9/06-						
2.0 (115 kW) Eng.ECN	11-	**PA1082**	•			68046026AA,K68046026AA
2.0 CRD (103 kW) Eng.BMM	06-	**PA905**		•		68000693AA/ AB/ AC
2.4 (125 kW) Eng.ERZ	06-	**PA1082**	•			68046026AA,K68046026AA
Grand Cherokee I (Z) '9/91-'4/99						
2.5 TD (85 kW) Eng.M52/M51	95-99	**PA802**	•		Impeller Ø 71mm	4864566/ AB
	95-99	**PA671**	•		Impeller Ø 76mm	4864566/ AB
Grand Cherokee II (WJ,WG) '4/99-'5/05						
2.7 CRD, 4WD (120 kW) Eng.OM665.921	01-	**PA891**				5086581AA,665 200 02 01
3.1 TD (103 kW) Eng.EXA/EGG	4/99-	**PA802**	•		Impeller Ø 71mm	4864566/ AB
	4/99-	**PA671**	•		Impeller Ø 76mm	4864566/ AB
Grand Cherokee IV (WK) '7/08-						
3.0 CRD (160 kW) Eng.OM642.980	08-	**PA992**				05175580AA
Liberty I (KJ) '9/01-'12/07						
2.5 CRD (105 kW) Eng.ENJ	01-07	**PA1108**	•	•		05072697AA/ AB,5093911AB
2.8 CRD (110 kW) Eng.ENR	02-07	**PA1108**	•	•		05072697AA/ AB,5093911AB
2.8 CRD (120 kW) Eng.ENR	04-07	**PA1108**	•	•		05072697AA/ AB,5093911AB
Liberty II '1/08-						
2.8 CRD (130 kW) Eng.ENR	08-	**PA1076**		•		68027359AA
Patriot '11/07-						
2.0 CRD (103 kW) Eng.BYL/ECD/ECE	07-	**PA905**		•		68000693AA/ AB/ AC
2.4 (125 kW) Eng.ERZ/ED3	07-	**PA1082**	•			68046026AA,K68046026AA
Wrangler III (JK) '5/07-						
2.8 CRD (130 kW) Eng.ENR	07-	**PA1076**		•		68027359AA

KIA

Carens I '11/00-'7/02						
1.8 (81 kW) Eng.TBD	00-02	**PA1143**				0K247-15-010A/ B/ C,25100-2Y000/ 1
Carens II (FJ) '7/02-'8/06						
1.8 (93 kW) Eng.TB	02-06	**PA1143**				0K247-15-010A/ B/ C,25100-2Y000/ 1
2.0 (102 kW) Eng.G4GC	04-06	**PA972**				25100-23530
2.0 CRDi (103 kW) Eng.D4EA	05-06	**PA1063**		•		25100-27400
2.0 CRDi (83 kW) Eng.D4EA	02-06	**PA829**		•		25100-27000,25100-27010
	02-05	**KP829-1**		•	Belt:123x28, PA829	24312-27000/ -27250,25100-27000/ -27010
Carens III '9/06-'12/09						
1.6 CVVT (97 kW) Eng.G4FC	09-	**PA1088**				25100-2B000,25100-2B010
2.0 CRDI (100 kW) Eng.D4EA	09-	**PA1063**		•		25100-27400
2.0 CRDi (103 kW) Eng.D4EA	06-	**PA1063**		•		25100-27400

PA816

PA972

PA1002

PA1023

PA1063

PA1078

PA1088

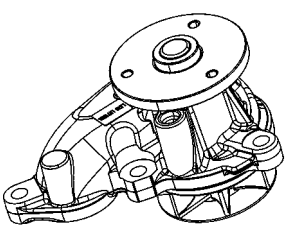
PA1113

7 Pale /Blades

PA1117

PA1136

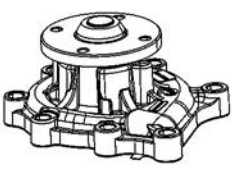
PA1174



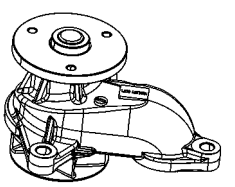
PA1177

PA1184

PA1187



PA1195



PA1203

		GRAF ref.			NOTE	Adaptable for OES
Carens IV (UN) '10/10-						
1.6 CRDi (85 kW) Eng.D4FB	10-7/11	**PA1078**				25100-2A200
	7/11-	**PA1203**				25100-2A201
1.6 CRDi (94 kW) Eng.D4FB	10-7/11	**PA1078**				25100-2A200
	7/11-	**PA1203**				25100-2A201
1.6 CVVT (93 kW) Eng.G4FC	10-	**PA1088**				25100-2B000,25100-2B010
2.0 CRDi (85 kW) Eng.D4EA	10-	**PA1063**		•		25100-27400
Carens V '3/13-						
1.6 GDi (99 kW) Eng.G4FD	13-	**PA1136**				25100-2B700
1.7 CRDi (100 kW) Eng.D4FD-L	13-	**PA1177**				25100-2A300
1.7 CRDi (85 kW) Eng.D4FD-L	13-	**PA1177**				25100-2A300
2.0 (130 kW) Eng.G4NC	13-	**PA1184**				25100-2E000
2.0 GDi (122 kW) Eng.G4NC	13-	**PA1184**				25100-2E000
Carnival I (UP) '8/99-'10/01						
2.5 V6 (121 kW) Eng.KV6	99-01	**PA1113**		•		0K9BV-15-010
2.9 TD (93 kW) Eng.J3TCI	99-01	**PA816**				0K551-15-100B,25100-4X300
Carnival II/ Sedona (GQ) '10/01-'5/06						
2.5 V6 (110 kW) Eng.OK52	01-06	**PA1113**		•		0K9BV-15-010
2.9 CRDi (106 kW) Eng.OK53	01-11/03	**PA816**				0K551-15-100B,25100-4X300
	12/03-06	**PA1117**				25100-4X700
2.9 TD (93 kW) Eng.J3	01-11/03	**PA816**				0K551-15-100B,25100-4X300
	12/03-06	**PA1117**				25100-4X700
3.5 V6 24v (143 kW) Eng.6G74	02-	**PA1002**			+BH	25100-39800/ 2
3.5 V6 24v (149 kW) Eng.6G74	97-02	**PA1002**			+BH	25100-39800/ 2
Carnival III/ Sedona (UVP) '6/06-						
2.7 V6 (139 kW) Eng.G6EA	06-	**PA1187**				
2.9 CRDi (136 kW) Eng.J3	06-	**PA1195**				25100-4X900
Carnival IV (VQ) '1/10-						
2.2 CRDi (110 kW) Eng.D4HB	10-	**PA1174**	•			25100-2F000/ 700
2.2 CRDi (143 kW) Eng.D4HB	10-	**PA1174**	•			25100-2F000/ 700
2.9 CRDI LX (141 kW)	06-	**PA1195**				25100-4X900
Ceed I, SW (ED) '3/07-						
1.4 (77 kW) Eng.G4FA	10-	**PA1088**				25100-2B000,25100-2B010
1.4 (80 kW) Eng.G4FA	07-12/09	**PA1088**				25100-2B000,25100-2B010
	1/10-	**PA1136**				25100-2B700
1.4 CVVT (66 kW) Eng.G4FA-L	1/10-	**PA1136**				25100-2B700
1.6 (85 kW) Eng.G4HE	07-	**PA1088**				25100-2B000,25100-2B010
1.6 CRDi (66-85 kW) Eng.D4FB-L	07-4/08	**PA1023**		•		25100-2A000/ 1
	5/08-	**PA1078**				25100-2A200
1.6 CRDi (94 kW) Eng.D4FB	10-11/11	**PA1078**				25100-2A200
	12/11-	**PA1203**				25100-2A201
1.6 CVVT (90-93 kW) Eng.G4FC	07-12/09	**PA1088**				25100-2B000,25100-2B010
	1/10-	**PA1136**				25100-2B700
2.0 (105 kW) Eng.G4GC	07-	**PA972**				25100-23530
2.0 CRDi (100-103 kW) Eng.D4EA-F	07-	**PA1063**		•		25100-27400
Ceed II, SW '7/12-						
1.4 CRDI (66 kW) Eng.D4FC	12-	**PA1203**				25100-2A201
1.4 CVVT (73 kW)	12-	**PA1136**				25100-2B700
1.6 CRDI (81-85-94 kW) Eng.D4FB	12-	**PA1203**				25100-2A201
1.6 CVVT (92 kW) Eng.G4FC	12-	**PA1136**				25100-2B700
1.6 GDI (99 kW) Eng.G4FD	12-	**PA1136**				25100-2B700
Cerato (CD) '4/04-						
1.5 CRDi (75 kW) Eng.D4FA	05-4/08	**PA1023**		•		25100-2A000/ 1

PA701

PA829

PA934

PA950

PA972

PA1002

PA1021

PA1023

PA1024

PA1063

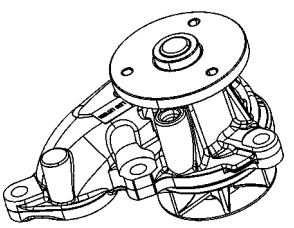
PA1078

PA1088

PA1125

PA1136

PA1143

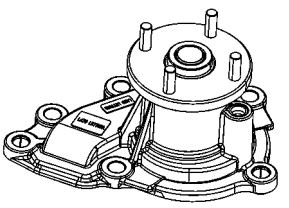


PA1177

PA1184

PA1186

PA1187



PA1196

		GRAF ref.			NOTE	Adaptable for OES
1.5 CRDi (75 kW) Eng.D4FA	5/08-	**PA1078**				25100-2A200
1.6 (77 kW) Eng.G4GD	04-	**PA950**		•	Exc. Made in Korea	25100-26902
	04-	**PA1136**			Made in Korea	25100-2B700
1.6 CRDi (85 kW) Eng.D4FB	5/08-	**PA1078**				25100-2A200
	6/05-4/08	**PA1023**		•		25100-2A000/ 1
1.6, Coupe (90 kW) Eng.G4FC	06-	**PA1136**			Made in Korea	25100-2B700
2.0 (105 kW) Eng.G4GC	04-	**PA972**				25100-23530
2.0 CRDi (83 kW) Eng.D4DA	04-5/05	**PA829**		•		25100-27000,25100-27010
	5/05-	**PA1063**		•		25100-27400
Cerato (TD) '1/09-						
1.6 (91 kW) Eng.G4FC	09-12/09	**PA1088**				25100-2B000,25100-2B010
	10-	**PA1136**				25100-2B700
1.6 (93 kW) Eng.G4FC	10-	**PA1136**				25100-2B700
2.0 (115 kW) Eng.G4KD	09-	**PA1186**				25100-2G100/ 200,25110-25002
Clarus (K9A), SW '7/96-						
1.8 i 16v (85 kW) Eng.T8	96-00	**PA1143**				0K247-15-010A/ B/ C,25100-2Y000/ 1
K2500 '1/03-						
2.5 TD (69 kW) Eng.D4BH	03-	**PA701**				25100-42541
Magentis I (GD) '5/01-'10/05						
2.0 (100 kW) Eng.G4JP	01-	**PA934**				25100-38002,25100-38200
2.5 V6 (124 kW) Eng.G6BV	01-	**PA1024**		•		25100-37102,25100-37200/ 1 / 2
Magentis II (MG) '11/05-						
2.0 CRDi (100 kW) Eng.D4EA	05-08	**PA1063**		•		25100-27400
2.0 CRDi (103 kW) Eng.D4EA	06-	**PA1063**		•		25100-27400
2.0 CRDi (110 kW) Eng.D4EA	06-	**PA1063**		•		25100-27400
2.7 V6 (139 kW) Eng.G6EA	05-	**PA1187**				
2.7 V6 (142 kW) Eng.G6EA	09-	**PA1187**				
Mentor '9/93-						
1.8 i 16v (82 kW) Eng.OK24N/26Y	95-	**PA1143**				0K247-15-010A/ B/ C,25100-2Y000/ 1
Opirus '9/03-						
3.5 (149 kW) Eng.G6CU	03-	**PA1002**			+BH	25100-39800/ 2
Optima (GD) '5/01-'10/05						
2.5 V6 (124 kW) Eng.G6BV	01-	**PA1024**		•		25100-37102,25100-37200/ 1 / 2
2.7 (132 kW) Eng.G6BA	04-	**PA1187**				
Optima II '3/12-						
1.7 CRDi (100 kW) Eng.D4FD-L	12-	**PA1177**				25100-2A300
2.0 (125 kW) Eng.G4KD	12-	**PA1184**				25100-2E000
2.0 (204 kW)	12-	**PA1184**				25100-2E000
2.0 CVVL (121 kW) Eng.G4KD	12-	**PA1184**				25100-2E000
Picanto I (BC) '4/04-'4/08						
1.0 (45 kW) Eng.G4HE	05-	**PA1021**				25100-02566,25100-02577
1.1 (48 kW) Eng.G4HG	04-	**PA1021**				25100-02566,25100-02577
1.1 D (55 kW) Eng.D3FA	05-	**PA1023**		•		25100-2A000/ 1
Picanto II (BA) '5/08-'4/11						
1.0 12v (45 kW) Eng.G4HE	08-11	**PA1021**				25100-02566,25100-02577
1.0 12v (46 kW) Eng.G4HE	08-11	**PA1021**				25100-02566,25100-02577
1.1 12v (48 kW) Eng.G4HG	08-	**PA1021**				25100-02566,25100-02577
1.1 CRDi (55 kW) Eng.D3FA	5/08-	**PA1078**				25100-2A200
Picanto III (TA) '5/11-						
1.0 (51 kW) Eng.G3LA	11-	**PA1196**				25100-04010
1.0 (60 kW) Eng.G3LA	11-	**PA1196**				25100-04010
1.2 (63 kW) Eng.G4LA	11-	**PA1125**				25100-03010

PA437A

PA439

PA786

PA950

PA972

PA1002

PA1023

PA1055

PA1063

PA1078

PA1088

PA1106

PA1125

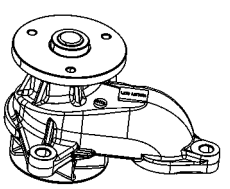
PA1136

PA1143

PA1157

PA1174

PA1186



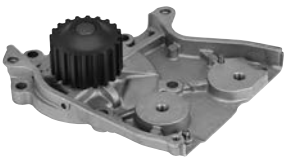
PA1203

		GRAF ref.			NOTE	Adaptable for OES
Pride (DA) '1/90-						
1.1 i (38 kW) Eng.B1	91-	**PA437A**				0K9KP15-010A,KKY01-15-010D
1.3 16v (44-47-53 kW) Eng.B3	1/90-	**PA437A**				0K9KP15-010A,KKY01-15-010D
1.3 i (51 kW)	90-	**PA437A**				0K9KP15-010A,KKY01-15-010D
Pro Ceed I (ED) '2/08-						
1.4 (77 kW) Eng.G4FA	08-12/09	**PA1088**				25100-2B000,25100-2B010
1.4 (80 kW) Eng.G4FA	08-12/09	**PA1088**				25100-2B000,25100-2B010
1.4 CVVT (66 kW) Eng.G4FA-L	10-	**PA1136**				25100-2B700
1.6 (90 kW) Eng.G4FC	08-12/09	**PA1088**				25100-2B000,25100-2B010
1.6 (93 kW) Eng.G4FC	1/10-	**PA1136**				25100-2B700
	-12/09	**PA1088**				25100-2B000,25100-2B010
1.6 CRDi (66 kW) Eng.D4FB-L	2/08-4/08	**PA1023**		•		25100-2A000/ 1
	5/08-	**PA1078**				25100-2A200
1.6 CRDi (85 kW) Eng.D4FB	2/08-4/08	**PA1023**		•		25100-2A000/ 1
	5/08-	**PA1078**				25100-2A200
1.6 CRDi (94 kW) Eng.D4FB	10-	**PA1078**				25100-2A200
2.0 (105 kW) Eng.G4GC	08-	**PA972**				25100-23530
2.0 CRDi (103 kW) Eng.D4EA-F	08-	**PA1063**		•		25100-27400
Retona (CE) '6/99-						
2.0 TD (61 kW) Eng.RF	99-	**PA786**	•	•		0K04R-15-010/ A,0K4R-15-010/ A
Rio I, SW (DC) '8/00-'2/05						
1.3 (55-60 kW) Eng.A3E	00-05	**PA1157**				25100-2X100
Rio II (JB) '3/05-'9/11						
1.4 16v (71 kW) Eng.G4EE	05-	**PA950**		•		25100-26902
1.5 CRDi (81 kW) Eng.D4FA	05-4/08	**PA1023**		•		25100-2A000/ 1
	5/08-	**PA1078**				25100-2A200
1.6 16v (82 kW) Eng.G4ED	05-	**PA950**		•		25100-26902
Rio III (UB) '9/11-						
1.1 CRDi (55 kW) Eng.D3FA	11-	**PA1203**				25100-2A201
1.2 CVVT (62 kW) Eng.G4LA	11-	**PA1125**				25100-03010
1.2 CVVT (65 kW) Eng.G4LA	11-	**PA1125**				25100-03010
1.4 CRDi (66 kW) Eng.D4FC	11-	**PA1203**				25100-2A201
1.4 CVVT (80 kW) Eng.G4FA	11-	**PA1136**				25100-2B700
Roadster '8/99-						
1.8 (100 kW)	99-	**PA1143**				0K247-15-010A/ B/ C,25100-2Y000/ 1
Sephia, Timor (FA) '9/93-						
1.5 i 16v (59 kW) Eng.B5	96-97	**PA437A**				0K9KP15-010A,KKY01-15-010D
1.6 i (59 kW) Eng.B6	93-	**PA437A**				0K9KP15-010A,KKY01-15-010D
Shuma (FB) '3/96-						
1.5 i 16v (65 kW) Eng.15BFD	97-	**PA439**				0K937-15-010
1.8 (84 kW) Eng.TED	03-04	**PA1143**				0K247-15-010A/ B/ C,25100-2Y000/ 1
1.8 i 16v (81 kW) Eng.18TED	97-	**PA1143**				0K247-15-010A/ B/ C,25100-2Y000/ 1
Sorento I (JC) '8/02-'12/09						
2.4 (102 kW) Eng.G4JSG	02-	**PA1106**				25100-38450
2.5 CRDi (103 kW) Eng.D4CB	02-	**PA1055**				25100-4A000/ 100/ 200/ 300
2.5 CRDi (120 kW) Eng.D4CB	06-	**PA1055**				25100-4A000/ 100/ 200/ 300
2.5 CRDi (125 kW) Eng.D4CBV	06-	**PA1055**				25100-4A000/ 100/ 200/ 300
3.5 V6 24v (143-149 kW) Eng.6G74	02-	**PA1002**			+BH	25100-39800/ 2
Sorento II (XM) '1/10-						
2.0 CRDi, 4WD (110 kW) Eng.D4HA	10-	**PA1174**	•			25100-2F000/ 700
2.2 CRDi, 4WD (145 kW) Eng.D4HB	10-	**PA1174**	•			25100-2F000/ 700
2.4 16v, 4WD (128 kW) Eng.G4KE	10-	**PA1186**				25100-2G100/ 200,25110-25002
2.4 CVVT, 4WD (141 kW) Eng.G4KJ	12-	**PA1186**				25100-2G100/ 200,25110-25002

PA572

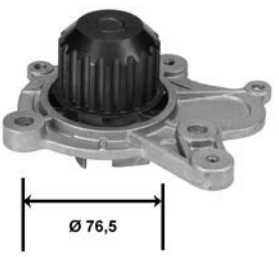
PA575

PA701



PA783

PA786



PA829

PA833

PA972

PA1015

PA1024

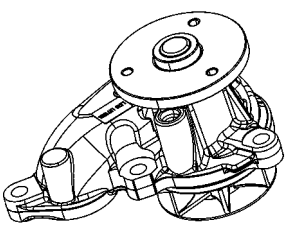
PA1063

PA1078

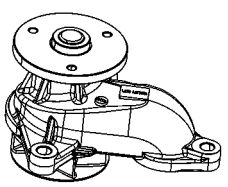
PA1088

PA1136

PA1174



PA1177



PA1203

Immagine
non disponibile

Picture
not available

KP829-1

		GRAF ref.			NOTE	Adaptable for OES
Soul I (AM) '2/09-						
1.6 (90 kW) Eng.G4FC	09-	**PA1136**				25100-2B700
1.6 CRDi (85 kW) Eng.D4FB	09-11	**PA1078**				25100-2A200
	11-	**PA1203**				25100-2A201
1.6 CRDi (94 kW) Eng.D4FB	09-11	**PA1078**				25100-2A200
	11-	**PA1203**				25100-2A201
1.6 CVVT (77 kW)	09-12/09	**PA1088**				25100-2B000,25100-2B010
	12/09-	**PA1136**				25100-2B700
1.6 CVVT (93 kW) Eng.G4FC	09-	**PA1136**				25100-2B700
Sportage I (FM) '4/94-'8/04						
2.0 i 16v, 4WD (94 kW) Eng.FE(16V)	94-12/00	**PA1015**		•		0FE3N-15-010E/ F
2.0 i 4WD (70 kW) Eng.FE	94-99	**PA783**		•		0FE1H-15-010H
2.0 TD 4WD (61 kW) Eng.RF	97-04	**PA786**	•	•		0K04R-15-010/ A,0K4R-15-010/ A
2.2 D 4x4 (52 kW)	1/96-99	**PA786**	•	•		0K04R-15-010/ A,0K4R-15-010/ A
Sportage II (FQ) '9/04-'6/10						
2.0 16v, 4WD (104 kW) Eng.G4GC	04-	**PA972**				25100-23530
2.0 CRDi (103 kW) Eng.D4EA	06-	**PA1063**		•		25100-27400
2.0 CRDi, 4WD (100 kW) Eng.D4EA	06-10	**PA1063**		•		25100-27400
2.0 CRDi, 4WD (83 kW) Eng.D4EA	04-	**PA829**		•		25100-27000,25100-27010
	2/05-5/05	**KP829-1**		•	Belt:123x28, PA829	24312-27000/ -27250,25100-27000/ -27010
2.7 V6 4WD (129 kW) Eng.G6BA	04-	**PA1024**		•		25100-37102,25100-37200/ 1 / 2
Sportage III (SL) '7/10-						
1.6 GDi (99 kW) Eng.G4FD	10-	**PA1136**				25100-2B700
1.7 CRDi (85 kW) Eng.D4FD-L	10-	**PA1177**				25100-2A300
2.0 CRDi AWD (135 kW) Eng.D4HA	12-	**PA1174**	•			25100-2F000/ 700
2.0 CRDi, AWD (100 kW) Eng.D4HA	10-	**PA1174**	•			25100-2F000/ 700
Venga (YN) '2/10-						
1.4 16v (66 kW) Eng.G4FA	10-	**PA1136**				25100-2B700
1.4 CRDi (57 kW) Eng.D4FC	10-11/11	**PA1078**				25100-2A200
	11/11-	**PA1203**				25100-2A201
1.4 CRDi (66 kW) Eng.D4FC	10-11/11	**PA1078**				25100-2A200
	11/11-	**PA1203**				25100-2A201
1.6 16v (92 kW) Eng.G4FC	10-	**PA1136**				25100-2B700
1.6 CRDi (85-94 kW) Eng.D4FB	10-	**PA1078**				25100-2A200

KIA LCV

Pregio (TB) '10/97-						
2.5 TCi (69 kW) Eng.D4BH	02-	**PA701**				25100-42541

LADA

110 '1/95-						
2.0 i (110 kW) Eng.C20XE	95-	**PA572**		•		-
111 '1/95-						
1.5 (57 kW) Eng.VAZ2111	96-	**PA833**		•		2112-1307010
1.5 16v (67-70 kW) Eng.VAZ2112	95-	**PA833**		•		2112-1307010
112 '1/95-						
1.5 16v (70 kW) Eng.VAZ2112	95-	**PA833**		•		2112-1307010
1200-1600 '1/70-'1/87						
1.2, SW (44 kW) Eng.BA32101	70-86	**PA575**	•			2101-1307010,4197598
1.3 (51 kW) Eng.BA32103	74-84	**PA575**	•			2101-1307010,4197598
1.3, SW (48 kW) Eng.BA321011	78-87	**PA575**	•			2101-1307010,4197598
1.5, SW (55 kW) Eng.BA32105	72-86	**PA575**	•			2101-1307010,4197598
1.6 (57 kW) Eng.BA32106	79-86	**PA575**	•			2101-1307010,4197598
1.6 (58 kW) Eng.BA32106	72-84	**PA575**	•			2101-1307010,4197598

PA088

PA168

PA391

PA393

PA404

PA568

PA575

PA704

PA833

		GRAF ref.			NOTE	Adaptable for OES
Kalina (1117, 1118, 1119) '10/04-						
1.6 (60 kW) Eng.21114	04-	**PA833**		•		2112-1307010
1.6 16v (66 kW)	04-	**PA833**		•		2112-1307010
Niva I (2121) '12/76-						
1.6 (54 kW) Eng.BA32121	87-95	**PA575**	•			2101-1307010,4197598
1.6 (56-59 kW) Eng.BA32121	76-87	**PA575**	•			2101-1307010,4197598
1.7 i (59 kW) Eng.BA321214	96-	**PA575**	•			2101-1307010,4197598
1.7 i (60 kW)	00-	**PA575**	•			2101-1307010,4197598
1.9 D (47 kW) Eng.XUD9A	93-94	**PA393**		•		-
	94-96	**PA391**		•		-
Nova (2105, 2108, 2109) '5/81-						
1.2, SW (44 kW) Eng.BA32101	81-86	**PA575**	•			2101-1307010,4197598
1.3 (48 kW) Eng.BA32105	81-86	**PA575**	•			2101-1307010,4197598
1.5 S (52 kW) Eng.BA32111	89-	**PA575**	•			2101-1307010,4197598
1.5, SW (55 kW) Eng.BA32103	85-	**PA575**	•			2101-1307010,4197598
1.6 (56 kW) Eng.BA32106	88-	**PA575**	•			2101-1307010,4197598
1.7 i Classic, SW (62 kW)	94-	**PA575**	•			2101-1307010,4197598
Samara, Forma (2108, 2109) '1/88-						
1.1 (39 kW) Eng.BA321081	88-92	**PA404**		•		2108-1307010.00
	92-97	**PA704**		•		2108-1307010.10
1.1 (43 kW) Eng.BA321081(KAT)	96-	**PA704**		•		2108-1307010.10
1.3 (45 kW) Eng.BA32108(KAT)	91-97	**PA704**		•		2108-1307010.10
1.3 (46 kW) Eng.2108	88-92	**PA404**		•		2108-1307010.00
	92-	**PA704**		•		2108-1307010.10
1.3 (48 kW) Eng.BA32108	86-92	**PA404**		•		2108-1307010.00
	92-97	**PA704**		•		2108-1307010.10
1.3 (50 kW) Eng.BA321115	96-	**PA704**		•		2108-1307010.10
1.5 (50 kW) Eng.BA321083(KAT)	91-97	**PA704**		•		2108-1307010.10
1.5 (52 kW) Eng.BA32111	94-	**PA704**		•		2108-1307010.10
1.5 (53 kW) Eng.BA321083	88-92	**PA404**		•		2108-1307010.00
	92-97	**PA704**		•		2108-1307010.10
Shiguli (2107) '1/70-						
1.6 (58-59 kW) Eng.1600	72-	**PA575**	•			2101-1307010,4197598
Toscana						
1.3 (48 kW) Eng.BA32105	85-	**PA575**	•			2101-1307010,4197598
1.5 (55 kW) Eng.BA32103	83-93	**PA575**	•			2101-1307010,4197598

LANCIA

A 112 '3/78-'12/86						
0.95 LX (35 kW) Eng.A112B1.000/141A40R	71-86	**PA088**				4192732,4243679,4296890,4384129,5882694 5939200
1.0 Abarth (29-37-51-52 kW) Eng.127A1/A112A.000/A2.000/A5.000/B2.000	71-86	**PA088**				4192732,4243679,4296890,4384129,5882694 5939200
Beta (828B) '8/73-'7/82						
1.3 (61 kW) Eng.828AC.3/BB.3	72-78	**PA568**				2287515,2306857,82287515,82306857
1.4 (66 kW) Eng.828A2.000/B2.000	72-78	**PA568**				2287515,2306857,82287515,82306857
1.6 (74 kW) Eng.132AB/828B.000	72-78	**PA568**				2287515,2306857,82287515,82306857
1.8 (81 kW) Eng.828A1.000/AB/AC/AF/AS	72-78	**PA568**				2287515,2306857,82287515,82306857
2.0 (85-88 kW) Eng.828B1.000	72-78	**PA568**				2287515,2306857,82287515,82306857
Beta Coupe (828BC) '4/76-'12/84						
1.3 (62 kW) Eng.828D3.000	74-85	**PA568**				2287515,2306857,82287515,82306857
1.6 (74 kW) Eng.132AB/828B.000	74-85	**PA568**				2287515,2306857,82287515,82306857
2.0 (85-88 kW) Eng.828B1.000	74-85	**PA568**				2287515,2306857,82287515,82306857
2.0 i.e. (90 kW) Eng.828B4.000	74-85	**PA568**				2287515,2306857,82287515,82306857
2.0 Volumex (99 kW) Eng.828B7.000	82-85	**PA168**				4328136,5882688

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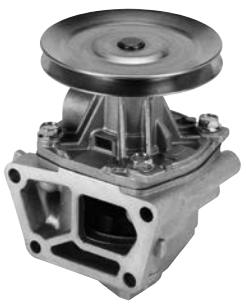

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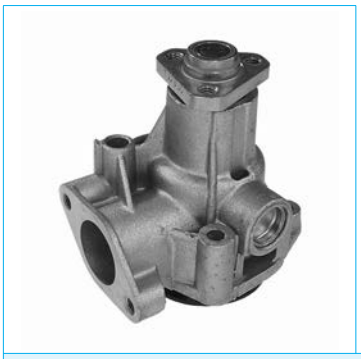
KIT291

		GRAF ref.			NOTE	Adaptable for OES
Beta H.P.E. (828BF) '5/76-'9/84						
1.6 (74 kW) Eng.132AB/828B.000	75-85	**PA568**				2287515,2306857,82287515,82306857
2.0 (85-88 kW) Eng.828B1.000	75-85	**PA568**				2287515,2306857,82287515,82306857
2.0 i.e. (90 kW) Eng.828B4.000	75-85	**PA568**				2287515,2306857,82287515,82306857
2.0 Volumex (99 kW) Eng.828B7.000	83-85	**PA168**				4328136,5882688
Beta Monte Carlo (137AS, 137BS) '7/80-'5/81						
2.0 (88 kW) Eng.134AS.000	80-81	**PA168**				4328136,5882688
Dedra (835) '4/89-'7/99						
1.6 16v, SW (76 kW) Eng.182A4.000/182B6.000	96-7/99	**PA620**	•			46400058,46444355,71716878
	96-7/99	**PA629**			+BH	46400058,46444355
1.6 i.e. (55 kW) Eng.835A1.000/835C1.000	93-99	**PA599**	•		+PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	93-99	**PA398**			+BH	71719697,71737972,7635148,7651586 7691046/ 7,7770038,7784979
1.6 i.e. (57 kW) Eng.835A1.046	89-93	**PA598**	•			7635148,7651586,7691047,7770038,7784979
	89-93	**PA599**	•		+PS	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	89-93	**PA398**			+BH	71719697,71737972,7635148,7651586 7691046/ 7,7770038,7784979
1.6, SW (66 kW) Eng.159B9.000	94-99	**PA599**	•		+PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
	94-99	**PA398**			+BH	71719697,71737972,7635148,7651586 7691046/ 7,7770038,7784979
1.8 16v, SW (83-96 kW) Eng.183A1.000/183A2.000	95-7/99	**PA621**		•		60586222,60811328
	-4/98	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
1.8 i.e. (66-55 kW) Eng.835C5.000	93-99	**PA397**			Eng. 1308020	5894394,7635180,7694229
	93-99	**PA497**			Eng. 1308020	71737967,7701137,7783006
1.8 i.e., SW (74-77-80 kW) Eng.835A2.000/835A2.046/836A5.000	94-7/99	**PA497**				71737967,7701137,7783006
1.9 TDS, SW (55-66 kW) Eng.160D1.000/835A4.000/.046	89-94	**PA365**			+Air	5896818/ 9,7629033,7631379,7693570 7696226
	94-7/99	**PA667**				46435858,71737988,7710471
2.0 16v, SW, Integrale (102 kW) Eng.836A3.000	94-7/99	**PA496**				60809209,71737965,7708187,7747388
2.0 HF Integrale (119-121-1PA130 kW) Eng.835A7.046/835A8.000	90-94	**PA497**				71737967,7701137,7783006
2.0 i.e. (83 kW) Eng.835A5.046	89-99	**PA397**				5894394,7635180,7694229
	89-99	**PA497**			A/T	71737967,7701137,7783006
2.0 i.e. (86 kW) Eng.835A5.000	89-92	**PA397**				5894394,7635180,7694229
	89-92	**PA497**			A/T	71737967,7701137,7783006
2.0 i.e. T. (119 kW) Eng.835A8.046	91-99	**PA497**				71737967,7701137,7783006
2.0 i.e. T. Integrale (121 kW) Eng.835A7.000	90-94	**PA497**				71737967,7701137,7783006
Delta I (831AB0) '9/79-'1/94						
1.1 (47 kW) Eng.831B8.000	86-90	**PA554**	•			5936404,5960469,5992593,7580753/ 6
	86-90	**PA394**			+BH	5936404,5960469,5992593,7580753/ 6
1.3 (55 kW) Eng.831A2.000/831B.000	79-85	**PA554**	•			5936404,5960469,5992593,7580753/ 6
	79-85	**PA394**			+BH	5936404,5960469,5992593,7580753/ 6
1.3 (58 kW) Eng.831A1.000/A2.000/AB.000	83-85	**PA554**	•			5936404,5960469,5992593,7580753/ 6
	83-85	**PA394**			+BH	5936404,5960469,5992593,7580753/ 6
1.5 (62-63 kW) Eng.138A1.000/A3.000/831A1.000/B1.000	79-85	**PA554**	•			5936404,5960469,5992593,7580753/ 6
	79-85	**PA394**			+BH	5936404,5960469,5992593,7580753/ 6
	86-92	**PA585**	•			5996594,7565764,7580754,7691043,7719921
	86-92	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921
1.9 TD (59 kW) Eng.831D1.000	86-89	**KIT291**			+PS	-
	86-89	**PA341A**			+KIT291, +PS	7566185,7589778,7658591



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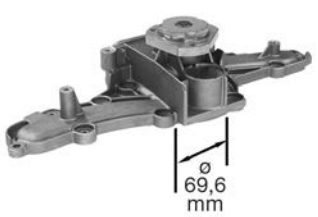

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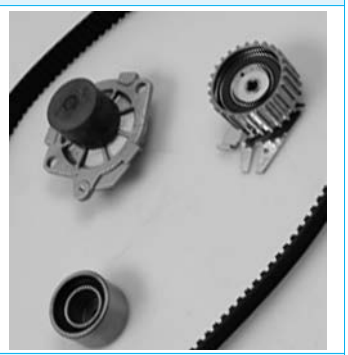

KP672-3

		GRAF ref.			NOTE	Adaptable for OES
Delta II (836) '6/93-'8/99						
1.4 i.e. (51 kW) Eng.160A1.046/836A4.000	4/95-8/99	**PA552**	•		Eng 09462900-, +PS, +Air	46410549,46437912/ 6,71716893,7750698
	4/95-8/99	**PA601**			+BH, Eng 09462900-, +PS, +Air	46410549,46437912/ 6,7750698
	94-3/95	**PA599**	•		Eng -09462899, +PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
1.6 16v (76 kW) Eng.182A4.000/182B6.000	96-99	**PA620**	•			46400058,46444355,71716878
	96-99	**PA629**			+BH	46400058,46444355
1.6 i.e. (55 kW) Eng.835A1.000/835C1.000	4/95-8/99	**PA552**	•		Eng 09462900-, +PS, +Air	46410549,46437912/ 6,71716893,7750698
	4/95-8/99	**PA601**			+BH, Eng 09462900-, +PS, +Air	46410549,46437912/ 6,7750698
	93-3/95	**PA599**	•		Eng -09462899, +PS, +Air	71719666,71737971/ 4,7671811,7720987 7737200,7770034,7784977/ 88
1.6 i.e. (66 kW) Eng.182A6.000	96-99	**PA620**	•			46400058,46444355,71716878
	96-99	**PA629**			+BH	46400058,46444355
1.8 16v GT (83-96 kW) Eng.183A1.000/183A2.000/182A2.000	96-99	**PA621**		•		60586222,60811328
	-4/98	**KP621-1**		•	Belt:168x24, PA621	60586222,60811328,71736727
1.8 i.e. (66-76 kW) Eng.835C2.000/C4.000/836A6.000/836C4.000	94-99	**PA497**				71737967,7701137,7783006
1.9 TD (66 kW) Eng.160D1.000/835A4.000	94-99	**PA667**				46435858,71737988,7710471
2.0 16v (102 kW) Eng.836A3.000	93-99	**PA496**				60809209,71737965,7708187,7747388
2.0 16v T. (137-142 kW) Eng.175A4.000/836A2.000	93-99	**PA496**				60809209,71737965,7708187,7747388
Delta III (844) '7/08-						
1.4 16v (103 kW) Eng.198A7.000	10-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 T-Jet (110 kW) Eng.19854H.000	08-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 T-Jet (88 kW) Eng.198A4.000	08-	**PA1030**		•	Imp. Tesma	55204538,55221397
	11-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.6 MJT (77 kW) Eng.944A3.000	11-	**PA1085**		•	+RB	46804051,55209993
1.6 MJT (85 kW) Eng.955A4.000	08-	**PA1085**		•	+RB	46804051,55209993
1.6 MJT (88 kW) Eng.198A2.000	08-	**PA1085**		•	+RB	46804051,55209993
1.8 Di Turbo (147 kW) Eng.198A.000	09-	**PA621**		•		60586222,60811328
1.9 MJT (140 kW) Eng.844A1.000	08-	**PA1085**		•	+RB	46804051,55209993
2.0 MJT (121 kW) Eng.198A5.000	08-	**PA1085**		•	+RB	46804051,55209993
Flavia II '6/12-						
2.4 (125 kW) Eng.ED3	12-	**PA1082**	•			68046026AA,K68046026AA
2.4 (129 kW)	12-	**PA1082**	•			68046026AA,K68046026AA
Kappa (838A,B), SW '8/94-'10/01						
2.0 16v T., Coupe (151 kW) Eng.838A4.000	95-01	**PA399**				7609204,7661811,7695555/ 9,7747386
2.0 20v (107 kW) Eng.838A1.000	94-01	**PA616**		•		7762926
2.0 20v T., Coupe (162 kW) Eng.175A3.000	98-01	**PA616**		•		7762926
2.0 20v, Coupe (114 kW) Eng.838A6.000	96-01	**PA616**		•		7762926
2.4 20v, Coupe (129 kW) Eng.838A2.000/838A2.027	94-01	**PA616**		•		7762926
2.4 JTD (100 kW) Eng.838A8.000	98-01	**PA672**		•		46515970,46515972,60814609
	98-	**KP672-3**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,71736795
2.4 TDS (91 kW) Eng.838A3.000/838A7.000	9/97-10/01	**PA672**		•	Eng 0727391-	46515970,46515972,60814609
	94-8/97	**PA615**		•	Eng -0727390	7762925
3.0 24v, Coupe (150 kW) Eng.838B.000	94-01	**PA673**				55192898,55198357,60604181,60630271 60668487,60813207
Lybra (839AX,BX), SW '7/99-						
1.6 16v (76 kW) Eng.182A4.000/182B6.000	99-	**PA629**			+BH	46400058,46444355
1.8 16v (96 kW) Eng.839A4.000/839A7.000/839A9.000	99-	**PA621**		•		60586222,60811328
1.9 JTD (77 kW) Eng.AR32302	99-00	**PA672**		•		46515970,46515972,60814609
	7/99-9/00	**KP672-1**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,71736726

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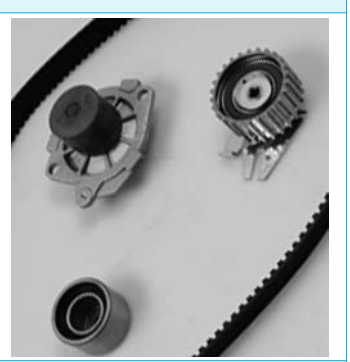

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KP747-4

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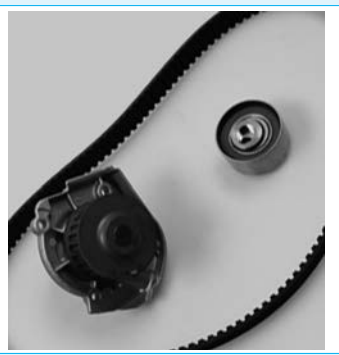

KP866-1

KP866-2

		GRAF ref.			NOTE	Adaptable for OES
1.9 JTD (81-85 kW) Eng.AR37101/937A2.000	00-01	**PA672**		•		46515970,46515972,60814609
	9/00-5/01	**KP672-1**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,71736726
2.0 20v (110 kW) Eng.185A8.000	00-	**PA616**		•		7762926
2.0 20v (113 kW) Eng.182B7.000	99-00	**PA616**		•		7762926
2.4 20v Blindata (125 kW) Eng.192A2.000	99-	**PA616**		•		7762926
2.4 JTD (103-110 kW) Eng.839A6.000/841C.000	00-	**PA672**		•		46515970,46515972,60814609
	00-	**KP672-3**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,71736795
2.4 JTD (99 kW) Eng.839A5.000/AR32501	99-00	**PA672**		•		46515970,46515972,60814609
	99-	**KP672-3**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,71736795
Musa I (184) '10/04-'11/10						
1.3 D MJT (70 kW) Eng.199B1.000	09-	**PA1083**				46815125,46819138,71745026
1.3 MJT (51 kW) Eng.188A9.000	04-	**PA1083**				46815125,46819138,71745026
1.3 MJT 16v (66 kW) Eng.199A3.000	7/08-	**PA1083**				46815125,46819138,71745026
1.3 MJT 16v (68 kW)	09-	**PA1083**				46815125,46819138,71745026
1.4 (57 kW) Eng.350A1.000	05-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	05-	**PA1030**		•	Imp. Tesma	55204538,55221397
	05-	**KP866-1**		•	Belt:129x22, PA866, Imp. Pierburg	46520401,55183446,55183497,55184081 55186602,55198547,55203785,55205557 55217612,71753156
1.4 16v (70 kW) Eng.843A1.000	04-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	04-	**PA1030**		•	Imp. Tesma	55204538,55221397
	10/04-	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717
1.4 16v AUSTRIA (66 kW) Eng.192B2.000	04-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	04-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.6 MJT (85 kW) Eng.350A2.000	08-	**PA1085**		•	+RB	46804051,55209993
1.6 MJT (88 kW) Eng.350A2.000	08-	**PA1085**		•	+RB	46804051,55209993
1.9 Multijet (74 kW) Eng.188B2.000	04-	**PA672**		•		46515970,46515972,60814609
	10/04-	**KP672-1**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,71736726
Musa II '12/10-						
1.3 MJT 16v (51 kW) Eng.188A9.000	10-	**PA1083**				46815125,46819138,71745026
1.3 MJT 16v (66 kW) Eng.199A3.000	10-	**PA1083**				46815125,46819138,71745026
1.4 (57 kW) Eng.350A1.000	10-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 16v (70 kW) Eng.843A1.000	10-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 GPL (57 kW) Eng.350A1.000	10-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.6 MJT 16v (88 kW) Eng.350A2.000	10-	**PA1085**		•	+RB	46804051,55209993
Phedra (179) '9/02-						
2.0 16v (100 kW) Eng.RFN(EW10J4)	02-	**PA862**	•	•	Only plastic BH Version	9640601280,9654531880
	02-	**PA1044**	•	•	Only Aluminium BH Version	9663654980,9670557580
	02-	**PA1045**		•	+BH Aluminium	9663654980,9670557580
2.0 JTD (79 kW) Eng.RHM(DW10ATED4-FAP)	03-	**PA747**		•		9569147388
	7/03-	**KP747-4**		•	Eng.RHM, Belt:144x25,4, PA747	9400831739,9569147388
2.0 JTD (80 kW) Eng.RHW(DW10ATED4)	02-	**PA747**		•		9569147388
	9/02-	**KP747-4**		•	Belt:144x25,4, PA747	9400831739,9569147388
2.0 MJT (100 kW) Eng.RHR(DW10BTED4)	08-	**PA861**		•		9463623088
2.0 MJT 16v (88 kW) Eng.RHK(DW10UTED4)	06-	**PA861**		•		9463623088
	06-	**KP861-2**		•	Belt:116x25, PA861	9400831929,9463623088
2.2 JTD (94 kW) Eng.4HW(DW12ATED4)	02-	**PA861**		•		9463623088
2.2 MJT (125 kW) Eng.4HT/4HS(DW12BTED4)	08-	**PA1049**		•		9684319880
3.0 V6 (150 kW) Eng.ES9J4S	02-	**PA886**		•		9641117180
Prisma (831AB0) '12/82-'2/92						
1.3 (58 kW) Eng.831A1.000/A2.000/AB.000	83-85	**PA554**	•			5936404,5960469,5992593,7580753/ 6

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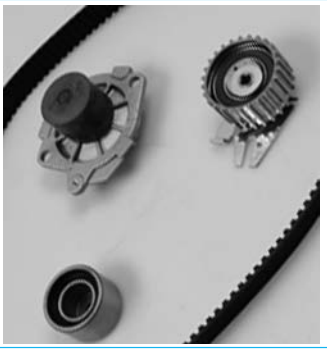

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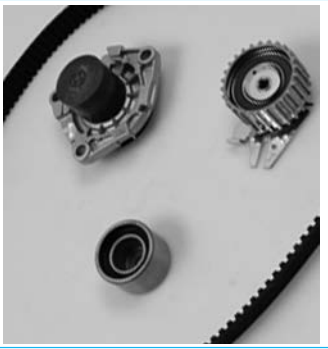


KP1085-3

KIT291

		GRAF ref.			NOTE	Adaptable for OES
1.3 (58 kW) Eng.831A1.000/A2.000/AB.000	83-85	**PA394**			+BH	5936404,5960469,5992593,7580753/ 6
1.5 (55 kW) Eng.831B1.048/138C2.048	86-92	**PA585**	•			5996594,7565764,7580754,7691043,7719921
	86-92	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921
	9/85-12/85	**PA554**	•			5936404,5960469,5992593,7580753/ 6
	9/85-12/85	**PA394**			+BH	5936404,5960469,5992593,7580753/ 6
1.5 (59-62-63 kW) Eng.831B1.000/A1.000/138A2/A3	86-92	**PA585**	•			5996594,7565764,7580754,7691043,7719921
	86-92	**PA285**			+BH	5996594,7565764,7580754,7691043,7719921
1.9 TD (59 kW) Eng.831D1.000	85-89	**KIT291**			+PS	-
	85-89	**PA341A**			+KIT291, +PS	7566185,7589778,7658591
Thema (834) '11/84-'4/97						
2.0 16v T., SW (110 kW) Eng.834C.146	86-92	**PA399**				7609204,7661811,7695555/ 9,7747386
2.0 16v T., SW (130 kW) Eng.834C1.246	89-92	**PA399**				7609204,7661811,7695555/ 9,7747386
2.0 16v T., SW (133 kW) Eng.834C1.000	88-90	**PA399**				7609204,7661811,7695555/ 9,7747386
2.0 16v T., SW (148-133-147-112-104 kW) Eng.834F1.000/834F2.000	92-94	**PA399**				7609204,7661811,7695555/ 9,7747386
2.0 i.e (83-86-88 kW) Eng.834B.000/834B1.000	88-92	**PA298**				5999790,7661813,7695557,7783009
2.0 i.e. (83 kW) Eng.834B.048	86-88	**PA298**				5999790,7661813,7695557,7783009
2.0 i.e. (85 kW) Eng.834B.146	87-94	**PA298**				5999790,7661813,7695557,7783009
2.0 i.e. 16v, SW (104 kW) Eng.834B2.246	89-92	**PA399**				7609204,7661811,7695555/ 9,7747386
2.0 i.e. 16v, SW (108 kW) Eng.834B2.000	88-92	**PA399**				7609204,7661811,7695555/ 9,7747386
2.0 i.e. T. (122-133 kW) Eng.834C.000/M601.AT200	84-94	**PA298**				5999790,7661813,7695557,7783009
2.5 TDS, SW (77 kW) Eng.8144.97S	88-92	**PA452**			Eng 1340163-	98430541
2.5 TDS, SW (85 kW) Eng.8144.97Y	11/92-97	**PA503**				98435125,98456197
Thesis (841AX) '7/02-						
2.0 T. (136 kW) Eng.841E.000	02-	**PA616**		•		7762926
2.4 (125 kW) Eng.841D.000	02-	**PA616**		•		7762926
2.4 JTD (110 kW) Eng.841C.000	02-	**PA672**		•		46515970,46515972,60814609
	02-	**KP672-3**		•	Belt:190x24, PA672	46432248,46515970/ 2,60814609,71736795
2.4 JTD, CF4 (129 kW) Eng.841H.000/841G.000	03-	**PA1085**		•	+RB	46804051,55209993
	03-	**KP1085-3**		•	+RB, Belt:198x24, PA1085	46791189,46804051,55183527,55191315 55192323,55209993,55212159,60813590/ 2 71736493,71747799,7763644,7778565
2.4 MJT (136 kW) Eng.936B.000	06-	**PA1085**		•	+RB	46804051,55209993
3.0 V6 (158 kW) Eng.841A.000	02-	**PA673**				55192898,55198357,60604181,60630271 60668487,60813207
Trevi (828DB) '5/80-'1/87						
1.6 (74 kW) Eng.828B.000	80-87	**PA568**				2287515,2306857,82287515,82306857
2.0 i.e. (90 kW) Eng.828B4.000	80-87	**PA568**				2287515,2306857,82287515,82306857
2.0 Volumex (99 kW) Eng.828B7.000	83-85	**PA168**				4328136,5882688
Voyager (RT) '12/11-						
2.8 TD (120 kW) Eng.ENS	11-	**PA1076**		•		68027359AA
Y (840A) '11/95-'10/03						
1.1 (40 kW) Eng.176B2.000	95-3/99	**PA286A**		•	Eng -9042883	46423351,5973713,71713727,7640163,7691820 7715242

PA159

PA286A

PA559

PA614

PA690

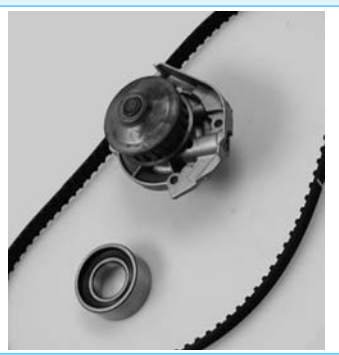
PA693

PA739

PA866

PA1030

KP286-1



KP286-2

KP286-3

KP739-1

KP739-2

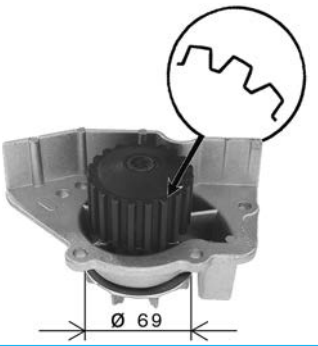
KP866-2

		GRAF ref.			NOTE	Adaptable for OES
1.1 (40 kW) Eng.176B2.000	99-00	**PA739**		•	Eng 9042884-	46526243,46805736,55184080
	11/95-10/03	**KP739-2**		•	Belt:125x15, PA739, Eng 9042884-	46526243,46805736,55184080,71736719 71746353
	95-03	**KP286-2**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.2 (44 kW) Eng.840A3.000/A4.000	96-3/99	**PA286A**		•	Eng -9042883	46423351,5973713,71713727,7640163,7691820 7715242
	99-10/03	**PA739**		•	Eng 9042884-	46526243,46805736,55184080
	7/02-	**KP739-1**		•	Imp. Pierburg, Belt:129x15, PA739, Eng 9042884-	46526243,46805736,55184080,71736718
	96-6/02	**KP286-3**		•	Belt:108x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.2 16v (59 kW) Eng.188A5.000	00-03	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	10/00-10/03	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717
1.2 16v (63 kW) Eng.176B9.000	4/99-10/03	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	97-3/99	**PA693**		•		46422512,71713728
1.4 12v (55 kW) Eng.840A4.000	96-03	**PA614**		•	Eng -705144	7762924
	96-03	**PA690**		•	Eng 705145-	46515971
1.4 12v (59 kW) Eng.840A2.000	96-03	**PA614**		•	Eng -705144	7762924
	96-03	**PA690**		•	Eng 705145-	46515971
Y10 (156) '3/85-'12/95						
1.0 Fire (32 kW) Eng.156A2.100	85-91	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	95-91	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.0 Fire (33 kW) Eng.156A2.000	85-89	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	85-89	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.0 Fire (41 kW) Eng.156A.000	85-89	**PA159**				-
	85-89	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.0 Fire, 4WD (33 kW) Eng.156A2.246	87-95	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	87-95	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.0 Fire, 4WD (37 kW) Eng.146A2.166	85-95	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	85-90	**KP286-2**		•	Belt:104x15, PA286A	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.0 T. (62 kW) Eng.156A1.000	85-89	**PA159**				-
	85-89	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.1 Avenue, 4WD (40 kW) Eng.176B2.000	1/95-12/95	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	1/95-12/95	**KP286-2**		•	Belt:104x15, PA286A	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.1 i.e, 4WD (42 kW) Eng.156C.000	89-92	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	89-92	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.1 i.e. Fire, 4WD (37 kW) Eng.156C.046	89-95	**PA286A**		•		46423351,5973713,71713727,7640163,7691820 7715242
	89-95	**KP286-1**		•	Belt:104x15, PA286A, Eng -9042883	46423351,46531183,5973713,71713727 7640163,7691820,7715242
1.3 i.e. Fire (53 kW) Eng.146A5.046	87-95	**PA159**				-
	87-95	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
1.3 i.e. Fire (53 kW) Eng.156B.000	87-95	**PA159**				-
	87-95	**PA559**			+RB	4336009,5882691,5890406,71719668,71737960
Ypsilon I (843) '10/03-						
1.2 (51 kW) Eng.169A4/A5.000	10-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.2 16v (59 kW) Eng.188A5.000	03-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	03-	**PA1030**		•	Imp. Tesma	55204538,55221397
	10/03-	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717

PA391

PA542

PA565



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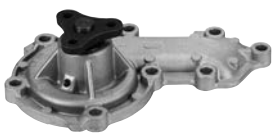


PA650

PA739

PA747

PA832

PA862

PA866

PA987

PA1030

PA1048

PA1083

PA1121

PA1155

KP739-1

KP747-1

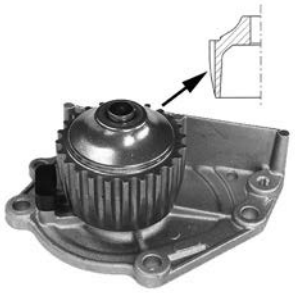
KP747-4

KP866-2

		GRAF ref.			NOTE	Adaptable for OES
1.2 8v (44 kW) Eng.188A4.000	03-	**PA739**		•	Eng -2533528	46526243,46805736,55184080
	03-	**PA866**		•	Imp. Pierburg, Eng 2533529-	46520401,55184081,55186602,55198547 55205557
	03-	**PA1030**		•	Imp. Tesma, Eng 2533529-	55204538,55221397
	10/03-	**KP739-1**		•	Imp. Pierburg, Belt:129x15, PA739, Eng -2533528	46526243,46805736,55184080,71736718
1.3 MJT (51 kW) Eng.188A9.000	03-	**PA1083**				46815125,46819138,71745026
1.3 MJT (55 kW) Eng.199A2.000	06-	**PA1083**				46815125,46819138,71745026
1.3 MJT (77 kW) Eng.843A2.000	08-	**PA1083**				46815125,46819138,71745026
1.3 MJT 16v (66 kW) Eng.199A3.000	06-	**PA1083**				46815125,46819138,71745026
1.4 (57 kW) Eng.350A1.000	06-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	06-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.4 16v (70 kW) Eng.843A1.000	03-	**PA866**		•	Imp. Pierburg	46520401,55184081,55186602,55198547 55205557
	03-	**PA1030**		•	Imp. Tesma	55204538,55221397
	10/03-	**KP866-2**		•	Imp. Pierburg, Belt:124x22, PA866	46520401,55184081,55198547,71736717
1.4 LPG (57 kW) Eng.350A1.000	10-	**PA1030**		•	Imp. Tesma	55204538,55221397
Ypsilon II (846) '6/11-						
0.9 Twinair (63 kW) Eng.312A2.000	11-	**PA1155**				55225394,55233943
0.9 Twinair Met. (63 kW)	13-	**PA1155**				55225394,55233943
1.2 (51 kW) Eng.169A4.000	11-	**PA1030**		•	Imp. Tesma	55204538,55221397
1.3 MJT (70 kW) Eng.199B1.000	11-	**PA1083**				46815125,46819138,71745026
Zeta (220) '5/95-'9/02						
2.0 16v (100 kW) Eng.RFN(EW10J4)	00-02	**PA862**	•	•	Only plastic BH Version	9640601280,9654531880
2.0 16v (97 kW) Eng.RFV(XU10J4R)	98-00	**PA641**		•		9566950080
2.0 JTD, 16v (80 kW) Eng.RHW/RHZ(DW10ATED/4)	99-02	**PA747**		•		9569147388
	9/99-9/02	**KP747-1**		•	Mod. 2V, Belt:141x25,4 , PA747	9400831409/ 629/ 789/ 829,9569147388
	9/99-9/02	**KP747-4**		•	Mod. 4V, Belt:144x25,4, PA747	9400831739,9569147388
2.0 T. (108 kW) Eng.RGX(XU10J2CTE)	96-02	**PA391**		•		9565095580,9566945680/ 88,9567521488
2.1 TD (80 kW) Eng.P8C	96-99	**PA542**	•	•		9569623880,9604708880,9629110980

LAND ROVER

Defender I (LD) 110 '9/90-						
2.5 TD5 4WD, SW, Pick-up (90 kW) Eng.10/15P	98-	**PA987**				ERR6505,PEM500040
2.5 TDi, SW (83 kW) Eng.11L/16L	10/95-98	**PA650**				ERR3290,PEB500090,STC1086
Defender I (LD) 130 '9/90-						
2.5 TD5 4WD, SW, Pick-up (90 kW) Eng.10/15P	98-	**PA987**				ERR6505,PEM500040
2.5 TDi, SW (83 kW) Eng.11L/16L	10/95-98	**PA650**				ERR3290,PEB500090,STC1086
Defender I (LD) 90 '9/90-'4/07						
2.5 TD5 4WD, SW, Pick-up (90 kW) Eng.10/15P	98-	**PA987**				ERR6505,PEM500040
2.5 TDi, SW (83 kW) Eng.11L/16L	10/95-98	**PA650**				ERR3290,PEB500090,STC1086
Defender II (110) '5/07-						
2.4 TD4 (90 kW) Eng.224DT	07-	**PA1121**	•			LR004799
	07-	**PA832**			+BH	LR004799
Defender II (90) '5/07-						
2.4 TD4 (90 kW) Eng.224DT	07-	**PA1121**	•			LR004799
	07-	**PA832**			+BH	LR004799
Discovery I '9/89-'6/94						
2.5 TDi (83 kW) Eng.17L/19L	89-94	**PA565**				RTC6395
Discovery II (LJ, LT) '6/94-'9/04						
2.5 TD5 (102 kW) Eng.10P/15P/16P	99-04	**PA987**				ERR6505,PEM500040
2.5 TDi (83 kW) Eng.17L/19L	96-	**PA650**				ERR3290,PEB500090,STC1086
2.5 TDi (90 kW) Eng.21L	95-	**PA650**				ERR3290,PEB500090,STC1086
Discovery III (TAA) '10/04-'7/09						
2.7 TD (140 kW) Eng.276DT	04-	**PA1048**				1311325,LR005764,LR007602,LR009324



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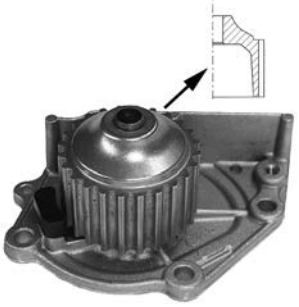

PA427

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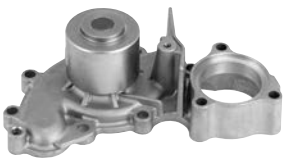

PA936

PA1001

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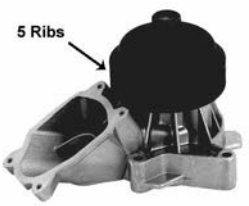

PA1053

PA1127

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PA1144

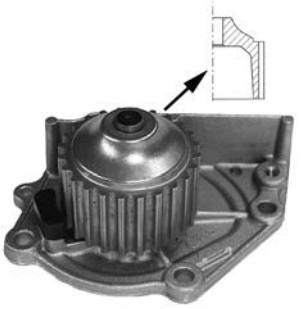
PA1170

		GRAF ref.			NOTE	Adaptable for OES
Discovery IV (LA) '7/09-						
2.7 TDV6 (140 kW) Eng.27DDTX	09-	**PA1048**				1311325,LR005764,LR007602,LR009324
3.0 SDV6 (188 kW) Eng.30DDTX	11-	**PA1127**				LR013164
3.0 TD (155 kW) Eng.30DDTX	10-	**PA1127**				LR013164
3.0 TDV6 (180 kW) Eng.30DDTX	09-	**PA1127**				LR013164
Freelander I (LN) '2/98-'2/06						
1.8 16v (86 kW) Eng.18K16HOL/HOU/18K4F	00-	**PA427**		•		GWP333,PEB10051,PEB102510L
1.8 16v, SoftTop (88 kW) Eng.18K16	98-00	**PA426**		•		GWP336,PEB000080
2.0 Di, Soft Top (72 kW) Eng.20T2N	98-00	**PA562**				PEB102420
2.0 TD4 (80-82 kW) Eng.TD4/M47R	00-	**PA883**				PEB102440/ L
2.5 V6 (130 kW) Eng.25K4F	00-	**PA884**		•		PEB102240
Freelander II (FA) '2/06-						
2.2 SD4 (140 kW) Eng.22DDER	10-	**PA1049**		•		LR001309,LR009392,LR011694
2.2 TD4 (110-112-115 kW) Eng.224DT	07-	**PA1049**		•		LR001309,LR009392,LR011694
2.2 TD4 (118 kW) Eng.22DDER	2/06-	**PA1049**		•		LR001309,LR009392,LR011694
Range Rover Evoque '6/11-						
2.0, Coupe (177 kW) Eng.20HD0D	11-	**PA903**				LR025302
2.2 SD4, Coupe (140 kW) Eng.22DDER	11-	**PA1049**		•		LR001309,LR009392,LR011694
2.2 TD4, Coupe (110 kW) Eng.22DDER	11-	**PA1049**		•		LR001309,LR009392,LR011694
Range Rover II (LP) '7/94-'3/02						
2.5 D (100 kW) Eng.256T(BMW)	94-	**PA502A**				STC3342
2.5 D (83 kW) Eng.14L	-12/94	**PA565**				RTC6395
Range Rover III (LM) '3/02-						
3.0 TD6 (130 kW) Eng.306D1	02-	**PA1053**				PEB000050
4.4 (210 kW) Eng.448S2	02-05	**PA856**				8510324,PEB000030
Range Rover Sport I (LS) '2/05-						
2.7 TDVM (140 kW) Eng.276DT	05-	**PA1048**				1311325,LR005764,LR007602,LR009324
3.0 TD (188 kW) Eng.30DDTX	11-	**PA1127**				LR013164
Range Rover Sport II (AJ) '7/09-						
3.0 TDV6 (180 kW) Eng.30DDTX	09-	**PA1127**				LR013164

LEXUS

ES I (F1, F2) '12/89-'1/01						
250 (118 kW) Eng.2VZFE	89-91	**PA936**		•		16100-69205/ 6/ 298/ 305/ 335
300 (138 kW) Eng.3VZFE	91-97	**PA936**		•		16100-69205/ 6/ 298/ 305/ 335
GS III (GRS) '4/05-						
3.0 (170 kW) Eng.3GRFE	05-11	**PA1170**				16100-39435/ 6
300 (183 kW) Eng.3GR	05-	**PA1170**				16100-39435/ 6
450 h (218 kW) Eng.2GRFSE	06-	**PA1170**				16100-39435/ 6
IS I (GXE10), Sportcross '4/99-'9/05						
200 (114 kW) Eng.1GFE	99-	**PA1133**				16100-79167,16100-79285
IS II (XE2) '10/05-						
200 D (110 kW) Eng.2ADFTV	10-	**PA1001**		•		16100-09340
220 D (130 kW) Eng.2ADFHV	05-	**PA1001**		•		16100-09340
250, 4WD (158 kW) Eng.4GRFSE	10-	**PA1170**				16100-39435/ 6
250, Coupe, Cabrio (153 kW) Eng.4GRFSE	05-	**PA1170**				16100-39435/ 6
350 (234 kW) Eng.2GRFSE	10-	**PA1170**				16100-39435/ 6
350 V6 (228 kW) Eng.2GRFSE	06-	**PA1170**				16100-39435/ 6
RX I (XU1) '8/97-'5/03						
300 V6 (148 kW) Eng.1MZFE	00-03	**PA1144**		•		16100-09070,16100-29085
300 V6 (164 kW) Eng.1MZFE	97-03	**PA1144**		•		16100-09070,16100-29085

PA208



PA427

PA437A

PA612

PA639

PA640

PA859

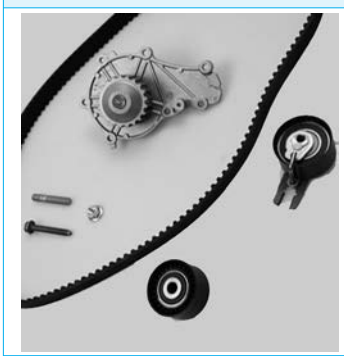
PA938

PA962

PA990

PA1144

PA1249



KP859-1

		GRAF ref.			NOTE	Adaptable for OES
RX II (MCU) '5/03-'5/09						
300 (150 kW) Eng.1MZFE	03-	**PA1144**		•		16100-09070,16100-29085
330 (168 kW) Eng.3MZFE	04-06	**PA1144**		•		16100-09070,16100-29085
330 (171 kW) Eng.3MZFE	03-09	**PA1144**		•		16100-09070,16100-29085
400 h, FWD (155 kW) Eng.3MZFE	04-	**PA1144**		•		16100-09070,16100-29085

LIGIER

Nova '8/02-						
500 (4 kW)	02-	**PA1249**		•		-

LOTUS

Elise '8/95-						
1.8 111S (107 kW) Eng.18K4K(VVC)	99-	**PA427**		•		GWP333

MAZDA

1000 '1/75-'1/77						
1.0 (33 kW) Eng.PC	75-77	**PA208**				0324-15-010/ C/ D
121 I (DA) '10/87-'10/90						
1.1 (42 kW) Eng.B1/B116	87-90	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
1.3 (40-44 kW) Eng.B3	87-90	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
121 II (DB) '11/90-'3/96						
1.3 (39 kW) Eng.B3	90-96	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
1.3 16v (40-53-54 kW) Eng.B3(16v)	90-96	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
121 III (JASM, JBSM) '3/96-						
1.25 (55 kW) Eng.DHF/DHG	1/96-	**PA612**				1E05-15-010,1E06-15-010,C201-15-010A C202-15-010A,C401-15-010
1.3 (37-44 kW) Eng.J4C	1/96-	**PA639**				1E04-15-010
1.8 D (44 kW) Eng.RTK/RTJ	1/96-	**PA640**		•		1E0-15-010
2 I (DY) '4/03-'7/07						
1.25 (55 kW) Eng.FUJA	03-5/05	**PA612**				1E05-15-010,1E06-15-010,C201-15-010A C202-15-010A,C401-15-010
	5/05-	**PA990**		•		C402-15-010
1.4 (59 kW) Eng.FXJA	03-07	**PA612**				1E05-15-010,1E06-15-010,C201-15-010A C202-15-010A,C401-15-010
1.4 TD (50 kW) Eng.F6JA/F6JB	03-	**PA859**		•		Y401-15-010/ A,Y404-15-010
	4/03-7/07	**KP859-1**		•	Belt:144x25, PA859	Y401-15-010/ A/ B,Y404-15-010
1.6 (74 kW) Eng.FYJA	03-	**PA612**				1E05-15-010,1E06-15-010,C201-15-010A C202-15-010A,C401-15-010
2 II (DE) '8/07-						
1.3 16v (55 kW) Eng.ZJ06	07-	**PA962**				ZJ01-15-010A/ B/ C
1.3 16v (63 kW) Eng.ZJ07	07-	**PA962**				ZJ01-15-010A/ B/ C
1.4 TD (50 kW) Eng.Y404	08-	**PA859**		•		Y401-15-010/ A,Y404-15-010
1.5 16v (76 kW) Eng.ZY05/ZYDE	07-	**PA962**				ZJ01-15-010A/ B/ C
1.6 TD (70 kW) Eng.Y660	12-	**PA938**		•		Y601-15-010A/ B,Y601-15-S20,Y610-15-010B

PA208

PA437A

PA551

PA903

PA938

PA962

PA973

PA1099

KP938-1

		GRAF ref.			NOTE	Adaptable for OES
3 I (BK) '10/03-'4/09						
1.3 (62 kW) Eng.ZJ	03-	**PA962**				ZJ01-15-010A/ B/ C
1.4 (59 kW) Eng.FXJA	04-	**PA962**				ZJ01-15-010A/ B/ C
1.6 (77 kW) Eng.Z6	03-	**PA962**				ZJ01-15-010A/ B/ C
1.6 Di T. (80 kW) Eng.Y601	04-	**PA938**		•		Y601-15-010A/ B,Y601-15-S20,Y610-15-010B
	6/04-4/09	**KP938-1**		•	Belt:137x25,4, PA938	Y601-15-010/ A/ B/ S20,Y603-15-100
1.6 TD 16v (66 kW) Eng.Y603	06-09	**PA938**		•		Y601-15-010A/ B,Y601-15-S20,Y610-15-010B
2.0 (104 kW) Eng.LF17	04-06	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.0 (110 kW) Eng.LF50	03-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.0 TD (105 kW) Eng.RF7J	07-09	**PA973**	•	•		RF2A-15-100A/ B/ C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A,RF8G-15-010A
2.3 (115-126 kW) Eng.L3VE	04-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.3 16v MPS (191 kW) Eng.L3N9	06-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.3 DiSi Turbo MPS (184 kW) Eng.L3N9	06-09	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
3 II (BL) '5/09-						
1.6 MZ-CD (80 kW) Eng.Y642	09-	**PA938**		•		Y601-15-010A/ B,Y601-15-S20,Y610-15-010B
1.6 MZ-CD (85 kW)	09-	**PA938**		•		Y601-15-010A/ B,Y601-15-S20,Y610-15-010B
1.6 MZR (77 kW) Eng.Z668	09-	**PA962**				ZJ01-15-010A/ B/ C
2.0 MZR (108 kW) Eng.LF5H	09-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.0 MZR (110 kW) Eng.LFZ2	09-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.0 MZR (111 kW) Eng.LF5W	09-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.2 MZ-CD (110 kW) Eng.R2AA	09-	**PA1099**				R2AA-15-010E/ F/ H,R2AA-15-100C/ E
2.2 MZ-CD (136 kW) Eng.R2AA	09-	**PA1099**				R2AA-15-010E/ F/ H,R2AA-15-100C/ E
2.3 MZR (191 kW) Eng.L3Y7	09-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.5 (122/125 kW) Eng.L5-VE	09-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
323 I (FA), SW '1/77-'5/86						
1.0 (Exc. SW) (33 kW) Eng.PC	77-80	**PA208**				0324-15-010/ C/ D
1.3 (44 kW) Eng.TC	77-86	**PA208**				0324-15-010/ C/ D
1.4 (51 kW) Eng.UC	78-82	**PA208**				0324-15-010/ C/ D
323 II (BD) '9/80-'10/89						
1.1 (40 kW) Eng.E1	80-85	**PA551**				8AB1-15-010,E301-15-010A
1.3 (44-50 kW) Eng.E3	80-89	**PA551**				8AB1-15-010,E301-15-010A
1.5 (55-59 kW) Eng.E5OHC	80-85	**PA551**				8AB1-15-010,E301-15-010A
1.5 (63-65-70 kW) Eng.E5	82-86	**PA551**				8AB1-15-010,E301-15-010A
323 III (BF, BW) '8/85-'10/95						
1.1 (40 kW) Eng.E1	85-90	**PA551**				8AB1-15-010,E301-15-010A
1.3, SW (40-44 kW) Eng.E3	85-90	**PA551**				8AB1-15-010,E301-15-010A
1.5 i (70 kW) Eng.E5E3	85-89	**PA551**				8AB1-15-010,E301-15-010A
1.5, SW (54-55-65 kW) Eng.B5/B5E/B50/B53	87-89	**PA551**				8AB1-15-010,E301-15-010A
1.5, SW (55-59-63-65 kW) Eng.E5/B50/B53	85-89	**PA551**				8AB1-15-010,E301-15-010A
1.6 GT (110 kW) Eng.B6	85-91	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
1.6 GT (63-77 kW) Eng.B6D/E/F	85-89	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010

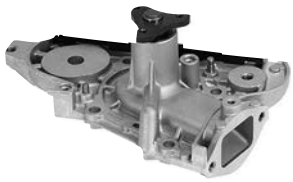
PA437A

PA439

PA786

PA917

PA921



PA931

		GRAF ref.			NOTE	Adaptable for OES
1.6 GT T., 4WD (103 kW) Eng.B6	85-91	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
1.6 H-Back (54 kW) Eng.B68	87-89	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
1.7 D (40 kW) Eng.PN27	86-89	**PA921**				8AB6-15-010A,8AB9-15-010A
1.7 D (42 kW) Eng.PN46	87-89	**PA921**				8AB6-15-010A,8AB9-15-010A
1.7 D SW (40 kW) Eng.PN26/PN54	86-93	**PA921**				8AB6-15-010A,8AB9-15-010A
323 IV (BG) '6/89-'10/94						
1.3 (49 kW) Eng.B3E/B383	89-94	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
1.3 16v (53-54 kW) Eng.B3(16v)	89-94	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
1.6 (62 kW) Eng.B6E	89-91	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
1.6 16v (65 kW) Eng.B6/D/E/F	89-94	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
1.7 D (42 kW) Eng.PN46/PN54/PN62	89-94	**PA921**				8AB6-15-010A,8AB9-15-010A
1.8 16v (103 kW) Eng.BP22/BP31	89-93	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
1.8 16v GT (94 kW) Eng.BP(DOHC)	89-94	**PA439**				8AB8-15-010
1.8 16v T. 4WD (120-136 kW) Eng.BPTurbo	90-94	**PA439**				8AB8-15-010
1.8 16v, 4WD (76 kW) Eng.BPKat/BP52	89-94	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
323 V (BA) '8/94-'9/98						
1.3 16v (54 kW) Eng.B3(16v)	94-98	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
1.5 16v (65 kW) Eng.Z5-DE	94-98	**PA931**				8ABB-15-010/ A,B6BF-15-010F B6BFE-15-010A/ B,ZL01-15-010
1.8 16v (84-103 kW) Eng.BP-ZE	94-98	**PA931**				8ABB-15-010/ A,B6BF-15-010F B6BFE-15-010A/ B,ZL01-15-010
2.0 24v (106 kW) Eng.KF	94-98	**PA917**			Ch 0100058	8AK2-15-010,KL47-15-010C
2.0 D (52 kW) Eng.RF1G	96-98	**PA786**	•	•		RF01-99-154,RF03-15-010B
323 VI (BJ) '9/98-						
1.3 (53 kW) Eng.B3	01-	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
1.3 16v (54 kW) Eng.B3ME	98-01	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
1.5 16v (65 kW) Eng.ZL-DE	98-	**PA931**				8ABB-15-010/ A,B6BF-15-010F B6BFE-15-010A/ B,ZL01-15-010
1.6 (70-72 kW) Eng.ZM	01-	**PA931**				8ABB-15-010/ A,B6BF-15-010F B6BFE-15-010A/ B,ZL01-15-010

		n° 19 Denti/Teeth	
PA903	**PA933**	**PA938**	**PA973**

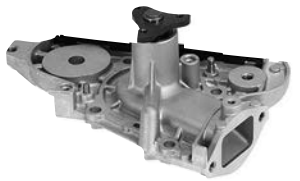
		GRAF ref.			NOTE	Adaptable for OES
1.8 16v (74-84 kW) Eng.FP	98-	**PA933**				8AG9-15-010,FP011-15-010C,FP49-15-010 FS01-15-010F
2.0 (96 kW) Eng.FS7E/G	01-	**PA933**				8AG9-15-010,FP011-15-010C,FP49-15-010 FS01-15-010F
2.0 (98 kW) Eng.FS	00-04	**PA933**				8AG9-15-010,FP011-15-010C,FP49-15-010 FS01-15-010F
2.0 D (52 kW) Eng.RF1G	98-	**PA973**	•	•		RF2A-15-100A/ B/ C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A,RF8G-15-010A
2.0 TD (66 kW) Eng.RF-T	98-	**PA973**	•	•		RF2A-15-100A/ B/ C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A,RF8G-15-010A
2.0 TD (74 kW) Eng.RF4F	01-	**PA973**	•	•		RF2A-15-100A/ B/ C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A,RF8G-15-010A
5 I (CR19) '3/05-'8/10						
1.8 16v (85 kW) Eng.L823	05-10	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.0 16v (107 kW) Eng.LFF7	05-10	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.0 CD (105 kW) Eng.RF7J	05-10	**PA973**	•	•		RF2A-15-100A/ B/ C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A,RF8G-15-010A
2.0 TDi (81 kW) Eng.RF-THiPower	05-10	**PA973**	•	•		RF2A-15-100A/ B/ C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A,RF8G-15-010A
2.3 (122 kW) Eng.L3C1	05-10	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
5 II (CW) '9/10-						
1.6 CD (85 kW)	10-	**PA938**		•		Y601-15-010A/ B,Y601-15-S20,Y610-15-010B
1.8 (85 kW) Eng.L850	11-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.0 (106 kW)	11-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.0 (110 kW) Eng.LF5H	10-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
6 I (GG,GY), SW '6/02-'7/07						
1.8 (88 kW) Eng.L813	02-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.0 (104 kW) Eng.LF17/LF18	02-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.0 (108 kW) Eng.LF-DE	05-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.0 Di (105 kW) Eng.RF7J	05-	**PA973**	•	•		RF2A-15-100A/ B/ C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A,RF8G-15-010A
2.0 Di, 4WD (100 kW) Eng.RF5C	02-	**PA973**	•	•		RF2A-15-100A/ B/ C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A,RF8G-15-010A
2.0 Di, 4WD (89 kW) Eng.RF5C	02-	**PA973**	•	•		RF2A-15-100A/ B/ C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A,RF8G-15-010A
2.3 (103 kW)	02-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.3 (120 kW) Eng.L3C1	05-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.3 (122 kW) Eng.L3C1	02-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.3 (204 kW)	06-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.3 AWD SW (118 kW) Eng.L3	02-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.3 MPS (191 kW) Eng.L3KG	05-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
6 II (GH), Sport '8/07-						
1.8 MRZ (88 kW) Eng.L813	07-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.0 16v (114 kW) Eng.LFDE	10-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A

PA208	**PA783**	**PA786**	**PA790**
PA800	**PA903**	**PA917**	**PA928**
PA933	**PA973**	**PA1015**	**PA1099**

		GRAF ref.			NOTE	Adaptable for OES
2.0 MRZ (108 kW) Eng.LF95	07-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.0 MRZ-CD (103 kW) Eng.RF7J	07-	**PA973**	•	•		RF2A-15-100A/ B/ C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A,RF8G-15-010A
2.2 16v CD (120 kW) Eng.R2AA	09-	**PA1099**			Ch -091208	R2AA-15-010E/ F/ H,R2AA-15-100C/ E
2.2 16v CD (136 kW) Eng.R2AA	09-	**PA1099**			Ch -091208	R2AA-15-010E/ F/ H,R2AA-15-100C/ E
2.2 CD (132 kW) Eng.R2AA	10-	**PA1099**				R2AA-15-010E/ F/ H,R2AA-15-100C/ E
2.2 CD 16v (95 kW) Eng.R2BF	10-	**PA1099**				R2AA-15-010E/ F/ H,R2AA-15-100C/ E
2.2 MRZ-CD (92 kW) Eng.R2BF	09-	**PA1099**			Ch -091208	R2AA-15-010E/ F/ H,R2AA-15-100C/ E
2.5 MZR (125 kW) Eng.L501	07-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
626 II (GC) '11/82-'9/87						
1.6 (55-59 kW) Eng.F6	82-87	**PA800**		•		8AG1-15-010B
1.8 (66-70 kW) Eng.F8	82-86	**PA790**		•		8AG3-15-010
2.0 D (44-46-55-60 kW) Eng.RF46	83-87	**PA786**	•	•		RF01-99-154,RF03-15-010B
2.0, 12v (60-63-66-68-70-74-79-81-85 kW) Eng.FE	82-87	**PA800**		•		8AG1-15-010B
626 III (GD,GV), SW '6/87-'9/97						
1.6, Coupe (60 kW) Eng.F6	87-92	**PA783**		•		0FE1H-15-010H,8AH2-15-010A/ B,8AK1-15-010 FEMJ-15-100
1.8 H-Back (69 kW) Eng.F8	87-92	**PA783**		•		0FE1H-15-010H,8AH2-15-010A/ B,8AK1-15-010 FEMJ-15-100
1.8, Coupe (65-69 kW) Eng.F8	87-92	**PA783**		•		0FE1H-15-010H,8AH2-15-010A/ B,8AK1-15-010 FEMJ-15-100
2.0 12v, Coupe (60-63-66-68-70-74-79-81-85-88 kW) Eng.FE(12v)	87-92	**PA783**		•		0FE1H-15-010H,8AH2-15-010A/ B,8AK1-15-010 FEMJ-15-100
2.0 16v, Coupe (103 kW) Eng.FEKat.(16v)	87-92	**PA1015**		•		8AG2-15-010/ A/ B/ C,FE3P-15-100
2.0 16v, Coupe (109 kW) Eng.FEKat.(16v)	87-92	**PA1015**		•		8AG2-15-010/ A/ B/ C,FE3P-15-100
2.0 D (44-46-55-60 kW) Eng.RF-N	87-91	**PA928**	•	•		8AG4-15-010/ A,8AGA-15-010
2.0, Coupe (66 kW) Eng.FEKat.	87-97	**PA783**		•		0FE1H-15-010H,8AH2-15-010A/ B,8AK1-15-010 FEMJ-15-100
2.2 12v, Coupe, 4WD (65-85-94-100 kW) Eng.F2	87-4/92	**PA783**		•		0FE1H-15-010H,8AH2-15-010A/ B,8AK1-15-010 FEMJ-15-100
626 IV (GE), Cronos '1/92-'4/97						
1.8 i (66 kW) Eng.FP	94-97	**PA933**				8AG9-15-010,FP011-15-010C,FP49-15-010 FS01-15-010F
1.8i (77 kW) Eng.FP	92-97	**PA933**				8AG9-15-010,FP011-15-010C,FP49-15-010 FS01-15-010F
2.0 D GLX Comprex (55 kW) Eng.RFOHC	92-97	**PA928**	•	•		8AG4-15-010/ A,8AGA-15-010
2.0, 4WD (85 kW) Eng.FS	92-97	**PA933**				8AG9-15-010,FP011-15-010C,FP49-15-010 FS01-15-010F
2.5 24v H-Back (120-121 kW) Eng.KL-ZE	92-97	**PA917**			Ch 0130030-	8AK2-15-010,KL47-15-010C
626 V (GF,GW), SW '5/97-						
1.8 (66 kW) Eng.FPY3	97-	**PA933**				8AG9-15-010,FP011-15-010C,FP49-15-010 FS01-15-010F
1.8 (74-84 kW) Eng.FP9A	99-	**PA933**				8AG9-15-010,FP011-15-010C,FP49-15-010 FS01-15-010F
2.0 (100 kW) Eng.FS2C	98-	**PA933**				8AG9-15-010,FP011-15-010C,FP49-15-010 FS01-15-010F
2.0 (85 kW) Eng.FS	99-	**PA933**				8AG9-15-010,FP011-15-010C,FP49-15-010 FS01-15-010F
2.0 TD (66 kW) Eng.RF3F	98-	**PA973**	•	•		RF2A-15-100A/ B/ C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A,RF8G-15-010A
2.0 TD (74 kW) Eng.RF4F	98-	**PA973**	•	•		RF2A-15-100A/ B/ C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A,RF8G-15-010A
2.0 TDi (81 kW) Eng.RF-THiPower	00-	**PA973**	•	•		RF2A-15-100A/ B/ C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A,RF8G-15-010A
818 SW '1/74-'10/78						
1.3 (44 kW) Eng.TC	74-78	**PA208**				0324-15-010/ C/ D
929 II (HB, HV), Coupe '5/82-'12/87						
2.0 (74 kW) Eng.FE	3/85-87	**PA800**		•		8AG1-15-010B

PA437A	**PA439**	**PA783**	**PA790**
PA800	**PA903**	**PA917**	**PA931**
PA933	**PA973**	**PA1099**	

		GRAF ref.			NOTE	Adaptable for OES
2.0 (74 kW) Eng.FE	84-2/85	**PA790**		•		8AG3-15-010
2.0 i GLX (88 kW) Eng.FE	3/85-87	**PA800**		•		8AG1-15-010B
	84-2/85	**PA790**		•		8AG3-15-010
2.0, SW (66 kW) Eng.MA/HEE	82-87	**PA790**		•		8AG3-15-010
929 III (HC) '5/87-'6/91						
2.0 (85 kW) Eng.FE	87-88	**PA783**		•		0FE1H-15-010H,8AH2-15-010A/ B,8AK1-15-010 FEMJ-15-100
2.2 12v (68-85 kW) Eng.F2	88-89	**PA783**		•		0FE1H-15-010H,8AH2-15-010A/ B,8AK1-15-010 FEMJ-15-100
2.2 12v (94 kW) Eng.F2-C	89-7/89	**PA783**		•		0FE1H-15-010H,8AH2-15-010A/ B,8AK1-15-010 FEMJ-15-100
2.2 i (100 kW) Eng.F2-EGI	87-88	**PA783**		•		0FE1H-15-010H,8AH2-15-010A/ B,8AK1-15-010 FEMJ-15-100
CX-7 '8/07-						
2.2 CD (127 kW) Eng.DT	09-	**PA1099**				R2AA-15-010E/ F/ H,R2AA-15-100C/ E
2.2 MZR-CD AWD (120 kW) Eng.R2AA	12-	**PA1099**				R2AA-15-010E/ F/ H,R2AA-15-100C/ E
2.3 16v T. DISI (191 kW) Eng.L3	07-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.3 DISi T., AWD (182 kW) Eng.L3K4	07-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.3 MZR DISI T (175 kW) Eng.L3-VDT	06-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.3 MZR DISI, 4WD (179 kW) Eng.L3-Y7	07-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
Demio (DW) '8/98-						
1.3 16v (40-53-54 kW) Eng.B3(16v)	98-00	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
1.3 16v (46 kW) Eng.B3	98-	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
1.5 16v (54-55-65 kW) Eng.B5E	00-	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
MPV II (LW) '9/99-						
2.0 (88-90 kW) Eng.FS-DS	99-02	**PA933**				8AG9-15-010,FP011-15-010C,FP49-15-010 FS01-15-010F
2.0 Di (100 kW) Eng.RF5C	02-	**PA973**	•	•		RF2A-15-100A/ B/ C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A,RF8G-15-010A
2.3 (104 kW) Eng.L3	02-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
MPV III '2/06-						
2.3, 4WD (120 kW) Eng.L3-VE	06-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
MX-3 (EC) '7/91-						
1.6 i (65 kW) Eng.B69	91-	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
1.6 i (79 kW) Eng.B6D	94-	**PA931**				8ABB-15-010/ A,B6BF-15-010F B6BFE-15-010A/ B,ZL01-15-010
1.8 i V6 (95 kW) Eng.K838	94-	**PA917**			Ch 0106910-	8AK2-15-010,KL47-15-010C
1.8 i V6 (98 kW) Eng.K819	92-94	**PA917**			Ch 0106910-	8AK2-15-010,KL47-15-010C
1.8 i V6 (99 kW) Eng.K8-ZE	96-97	**PA917**				8AK2-15-010,KL47-15-010C
MX-5 I (NA) '5/90-'4/98						
1.6 (66 kW) Eng.B6EGI	95-98	**PA439**				8AB8-15-010

PA437A	**PA439**	**PA741**	**PA800**
			
PA903	**PA917**	**PA931**	**PA933**
PA973			

		GRAF ref.			NOTE	Adaptable for OES
1.6 16v (54-63-65-77-79-81-85 kW) Eng.B6/D/E/F	90-94	**PA439**				8AB8-15-010
1.8 (96 kW) Eng.BPF1	94-98	**PA931**				8ABB-15-010/ A,B6BF-15-010F B6BFE-15-010A/ B,ZL01-15-010
MX-5 II (NB) '5/98-'2/05						
1.6 16v (81 kW) Eng.B6Z/D/E/F	98-	**PA931**				8ABB-15-010/ A,B6BF-15-010F B6BFE-15-010A/ B,ZL01-15-010
1.8 16v (102-107 kW) Eng.BP	00-	**PA931**				8ABB-15-010/ A,B6BF-15-010F B6BFE-15-010A/ B,ZL01-15-010
1.8 16v (103 kW) Eng.BP-ZE	98-	**PA931**				8ABB-15-010/ A,B6BF-15-010F B6BFE-15-010A/ B,ZL01-15-010
MX-5 III (NC) Coupe, Spider '3/05-						
1.8 (93 kW) Eng.L8	05-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.0 (118 kW) Eng.LF	05-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
MX-6 (GE6) '2/92-'12/97						
2.0 (85 kW) Eng.FS	92-97	**PA933**				8AG9-15-010,FP011-15-010C,FP49-15-010 FS01-15-010F
2.5 i 24v (120-121-123 kW) Eng.KL	92-97	**PA917**			Ch 0102488-	8AK2-15-010,KL47-15-010C
Premacy (CP) '7/99-						
1.8 16v (74-84 kW) Eng.FP	99-	**PA933**				8AG9-15-010,FP011-15-010C,FP49-15-010 FS01-15-010F
2.0 (107 kW) Eng.LFF7	05-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.0 (96 kW) Eng.FS7E/G	01-	**PA933**				8AG9-15-010,FP011-15-010C,FP49-15-010 FS01-15-010F
2.0 TD (66 kW) Eng.RF3F	99-00	**PA973**	•	•		RF2A-15-100A/ B/ C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A,RF8G-15-010A
2.0 TD (74 kW) Eng.RF4F	00-	**PA973**	•	•		RF2A-15-100A/ B/ C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A,RF8G-15-010A
2.3 SVT (122 kW)	05-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
RX 7 III (FD) '7/92-						
1.3 Wankel Twin T. (176 kW) Eng.RE13B	92-	**PA437A**				8AB3-15-010/ A,8AB4-15-010/ A 8AB7-15-010/ A,8AD2-15-010A B3C7-15-010/ A,B630-15-010/ A KKY01-15-010
Tribute (EP) '3/00-						
2.0, 4WD (91 kW) Eng.YFD	3/00-	**PA741**				YF09-15-100
2.3 16v (114 kW)	05-06	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
2.3 AWD (110 kW) Eng.GZ	04-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
Xedos 6 (CA), Cronos '1/92-						
1.6 16v (54-63-65-77-79-81-85 kW) Eng.B6/D/E/F	92-	**PA931**				8ABB-15-010/ A,B6BF-15-010F B6BFE-15-010A/ B,ZL01-15-010
1.6 16V (83 kW) Eng.B69	92-94	**PA931**				8ABB-15-010/ A,B6BF-15-010F B6BFE-15-010A/ B,ZL01-15-010
2.0 V6 (103-106 kW) Eng.KF1	92-94	**PA917**			Ch 0114351-	8AK2-15-010,KL47-15-010C
Xedos 9 (TA) '7/93-						
2.0 24v (105 kW) Eng.KF	93-00	**PA917**			Ch 0131581-	8AK2-15-010,KL47-15-010C
2.3 24v (155 kW) Eng.KJ-ZEM	95-00	**PA917**				8AK2-15-010,KL47-15-010C
2.5 24v V6 (120-123 kW) Eng.KL	93-00	**PA917**			Ch 010067-	8AK2-15-010,KL47-15-010C

MAZDA LCV

B-Serie III (UF) '1/85-'6/99						
1.6 (55-59 kW) Eng.F6	11/89-3/96	**PA800**		•		8AG1-15-010B

PA105

PA133

PA134

PA135

PA495

PA783

PA786

PA800

PA903

		GRAF ref.			NOTE	Adaptable for OES
2.0 (62-65 kW) Eng.FE	11/89-3/96	**PA800**		•		8AG1-15-010B
2.2 12v (64-68-85-94-100 kW) Eng.F2L8	91-96	**PA783**		•		8AH2-15-010A/ B,8AK1-15-010,FEMJ-15-100
B-Serie IV (UN) '2/99-						
2.3 16v (101-107 kW)	01-	**PA903**				L327-15-100/ A,LF01-15-100/ A LF94-15-010A,LF94-15-100/ A
E-Serie II (SR2) '5/84-						
2.0 (60 kW) Eng.FEBN	91-5/94	**PA783**		•		8AH2-15-010A/ B,8AK1-15-010,FEMJ-15-100
2.0 (70 kW) Eng.FEKat.	94-	**PA783**		•		8AH2-15-010A/ B,8AK1-15-010,FEMJ-15-100
2.0 4WD (60 kW) Eng.FE60/FE61	88-89	**PA783**		•		8AH2-15-010A/ B,8AK1-15-010,FEMJ-15-100
2.0, 4WD (63 kW) Eng.FE18/FE58/FEV4	12/87-89	**PA783**		•		8AH2-15-010A/ B,8AK1-15-010,FEMJ-15-100
	3/85-9/87	**PA800**		•		8AG1-15-010B
2.2 D (46 kW) Eng.R203/R207	84-88	**PA786**	•	•		RF01-99-154,RF03-15-010B

MERCEDES BENZ

114 (W114) '1/68-'11/76						
230.6 (114.015) (88 kW) Eng.M180.954	68-76	**PA133**			M/T+A/T, Eng -003563	115 200 01 20/ 12 20,121 200 11 20 127 200 02 20
	68-76	**PA134**			M/T+A/T, Eng 003564-	115 200 15 20
	68-76	**PA105**			+RB, M/T+A/T, Eng 003564-	110 200 01 20/ 09 20/ 17 20
250, C (114.010/ .011) (85-96 kW) Eng.M114.920	68-72	**PA133**			M/T+A/T, Eng -006185	115 200 01 20/ 12 20,121 200 11 20 127 200 02 20
	68-72	**PA134**			M/T+A/T, Eng 006186-	115 200 15 20
	68-72	**PA105**			+RB, M/T+A/T, Eng 006186-	110 200 01 20/ 09 20/ 17 20
280 (114.060) (118 kW) Eng.M110.921	72-76	**PA134**				115 200 15 20
	72-76	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
280 E (114.062) (136 kW) Eng.M110.981	72-76	**PA134**				115 200 15 20
	72-76	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
114 Coupe (W114) '4/69-'2/77						
250 C (114.021) (96 kW) Eng.M114.920	69-72	**PA133**			M/T+A/T, Eng -006185	115 200 01 20/ 12 20,121 200 11 20 127 200 02 20
	69-72	**PA134**			M/T+A/T, Eng 006186-	115 200 15 20
	69-72	**PA105**			+RB, M/T+A/T, Eng 006186-	110 200 01 20/ 09 20/ 17 20
250 CE (114.022) (110 kW) Eng.M114.980	69-72	**PA135**				110 200 02 20/ 10 20/ 20 20
250, C 2.8 (114.023) (96 kW) Eng.M130.923	72-76	**PA134**				115 200 15 20
	72-76	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
280 C (114.073) (118 kW) Eng.M110.921	72-77	**PA134**				115 200 15 20
	72-77	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
280 CE (114.072) (136 kW) Eng.M110.981	72-77	**PA134**				115 200 15 20
	72-77	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
115 (W115) '1/68-'1/77						
200 (115.015) (63-70 kW) Eng.M115.923/926	68-77	**PA135**				110 200 02 20/ 10 20/ 20 20
200 D (115.115/.112) (40 kW) Eng.OM615.913	68-77	**PA134**				115 200 15 20
	68-77	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
220 (115.010) (77 kW) Eng.M115.920	68-73	**PA134**				115 200 15 20
	68-73	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
220 D (115.110) (44 kW) Eng.OM615.912	68-77	**PA134**				115 200 15 20
	68-77	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
230.4 (115.017) (81 kW) Eng.M115.951	73-76	**PA134**				115 200 15 20
	73-76	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
240 D (115.117/.119) (48 kW) Eng.OM616.916	73-77	**PA134**				115 200 15 20
	73-77	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
240 D 3.0 (115.114) (59 kW) Eng.OM617.910	74-76	**PA134**			M/T+A/T, Eng 024782-	115 200 15 20
	74-76	**PA105**			+RB, M/T+A/T, Eng 024782-	110 200 01 20/ 09 20/ 17 20
190 II (W201) '10/82-'8/93						
1.8 E (201.018) (77-80 kW) Eng.M102.910	90-93	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01

PA377

PA414A

PA446

PA448

PA449

PA495

PA678

PA735

PA736

PA978

PA1029

PA1091

PA1179

		GRAF ref.			NOTE	Adaptable for OES
2.0 (66 kW) Eng.M102.921	82-84	**PA377**				102 200 01 20/ 08 01/ 09 01/ 42 01
2.0 (75-77 kW) Eng.M102.924	84-90	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
2.0 D (201.122) (53-55 kW) Eng.OM601.911	83-93	**PA446**				601 200 02 20/ 09 20
2.3 E (201.028) (97-100 kW) Eng.M102.985	86-93	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
2.3-16 E (201.034) (125-1KP136 kW) Eng.M102.983	84-88	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
2.5 D (201.126) (66-69 kW) Eng.OM602.911	85-93	**PA448**				602 200 00 20/ 02 20/ 04 20
2.5 E Evolution II (173 kW) Eng.M102.992	90-93	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
2.5 TD (201.128) (90-93 kW) Eng.OM602.961	88-93	**PA448**				602 200 00 20/ 02 20/ 04 20
2.5-16 E (143 kW) Eng.M102.991	89-93	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
2.5-16 E (150 kW) Eng.M102.990	88-93	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
2.6 E (201.029) (118-122 kW) Eng.M103.942	86-93	**PA449**				103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
	86-93	**PA735**				103 200 04 01/ 16 01/ 20 01
	86-93	**PA414A**			A/T	103 200 05 01/ 18 01/ 21 01/ 27 01/ 38 01
200 E (85-87 kW) Eng.M102.962	85-93	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
200 E (93 kW) Eng.M102.962	82-84	**PA377**				102 200 01 20/ 08 01/ 09 01/ 42 01
	84-93	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
200 E (201.024) (83 kW) Eng.M102.961/962	82-84	**PA377**				102 200 01 20/ 08 01/ 09 01/ 42 01
	84-93	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
CL (216) '9/06-						
500 (216.371) (285 kW) Eng.M273.961	06-	**PA1029**				273 200 02 01
Classe A I (W168) '7/97-'8/04						
A 140 (168.031/.131) (60 kW) Eng.M166.940	97-04	**PA678**			Eng -63274	166 200 03 20/ 04 20/ 05 20
	97-04	**PA736**			Eng 63275-	166 200 06 20/ 07 20
A 160 (168.033/.133) (75 kW) Eng.M166.960	97-04	**PA678**			Eng -63274	166 200 03 20/ 04 20/ 05 20
	97-04	**PA736**			Eng 63275-	166 200 06 20/ 07 20
A 160 CDi (168.006) (55 kW) Eng.OM668.940	01-04	**PA678**			Eng -014963	166 200 03 20/ 04 20/ 05 20
	01-04	**PA736**			Eng 014964-	166 200 06 20/ 07 20
A 160 CDi (168.007) (44 kW) Eng.OM668.941	98-01	**PA678**			Eng -014963	166 200 03 20/ 04 20/ 05 20
	98-01	**PA736**			Eng 014964-	166 200 06 20/ 07 20
A 170 CDi (168.008) (66 kW) Eng.OM668.940	98-01	**PA678**			Eng -014963	166 200 03 20/ 04 20/ 05 20
	98-01	**PA736**			Eng 014964-	166 200 06 20/ 07 20
A 170 CDi (168.009/109) (70 kW) Eng.OM668.942	01-04	**PA678**			Eng -014963	166 200 03 20/ 04 20/ 05 20
	01-04	**PA736**			Eng 014964-	166 200 06 20/ 07 20
A 190 (168.032/.132) (92 kW) Eng.M166.990	99-04	**PA678**			Eng -63274	166 200 03 20/ 04 20/ 05 20
	99-04	**PA736**			Eng 63275-	166 200 06 20/ 07 20
A 210 (168.035/.135) (103 kW) Eng.M166.995	02-04	**PA736**				166 200 06 20/ 07 20
Classe A II (W169) '9/04-						
A 150 (169.031/331) (70 kW) Eng.M266.920	04-	**PA978**				640 200 03 01
A 160 (169.031/331) (70 kW) Eng.M266.920	09-	**PA978**				640 200 03 01
A 160 CDi (169.006/306) (60 kW) Eng.OM640.942	04-	**PA978**				640 200 03 01
	08-	**PA1179**			Euro 5	640 200 04 20
A 170 (169.032/332) (85 kW) Eng.M266.940	04-	**PA978**				640 200 03 01
A 170 NGT (245.233) (85 kW) Eng.M266.940	08-	**PA978**				640 200 03 01
A 180 (169.032/332) (85 kW) Eng.M266.940	09-	**PA978**				640 200 03 01
A 180 CDi (169.007/307) (80 kW) Eng.OM640.940	04-	**PA978**				640 200 03 01
	08-	**PA1179**			Euro 5	640 200 04 20
A 200 (169.033/333) (100 kW) Eng.M266.960	04-	**PA978**				640 200 03 01
A 200 CDi (169.008/308) (100-103 kW) Eng.OM640.941	04-	**PA978**				640 200 03 01
A 200 T. (169.034/334) (142 kW) Eng.M266.980	05-	**PA978**				640 200 03 01
Classe A III (W176) '6/12-						
A 160 CDi (66 kW)	13-	**PA1091**		•		607 200 00 07
A 180 CDi (80 kW) Eng.OM607.951	12-	**PA1091**		•		607 200 00 07

PA448

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PA582

PA583

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PA885

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PA910

PA978

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PA1179

		GRAF ref.			NOTE	Adaptable for OES
Classe B I (W245) '3/05-'9/11						
B 150 (245.231) (70 kW) Eng.M266.920	05-	**PA978**				640 200 03 01
B 160 (245.231) (70 kW) Eng.M266.920	09-	**PA978**				640 200 03 01
B 170/180 (245.232) (85 kW) Eng.M266.940	05-	**PA978**				640 200 03 01
B 180 CDi (245.207) (80 kW) Eng.OM640.940	05-	**PA978**				640 200 03 01
	09-	**PA1179**			Euro 5	640 200 04 20
B 180 NGT (235.233) (85 kW) Eng.M266.940	08-11	**PA978**				640 200 03 01
B 200 (245.233) (100 kW) Eng.M266.960	05-	**PA978**				640 200 03 01
B 200 CDI (100-103 kW) Eng.OM640.941	05-11	**PA978**				640 200 03 01
B 200 T (245.234) (142 kW) Eng.M266.980	05-	**PA978**				640 200 03 01
Classe B II (W246) '10/11-						
B 160 CDi (66 kW)	13-	**PA1091**		•		607 200 00 07
Classe C I (W202) '3/93-'5/00						
C 180 (202.018) (89-90 kW) Eng.M111.920/921	93-00	**PA582**				111 200 04 01/ 40 01
C 200 (202.020) (100 kW) Eng.M111.941/945	94-00	**PA582**				111 200 04 01/ 40 01
C 200 CDi (202.134) (75 kW) Eng.OM611.960	98-00	**PA752**				611 200 02 01,611 200 12 01
C 200 D (202.120) (55 kW) Eng.OM601.913	93-00	**PA583**				601 200 11 20
C 200 D (202.122) (65 kW) Eng.OM604.915	96-00	**PA583**				601 200 11 20
C 200 K. (202.025) (132-141 kW) Eng.M111.944	95-00	**PA687**				111 200 23 01
C 220 (202.022) (110 kW) Eng.M111.961	93-00	**PA582**				111 200 04 01/ 40 01
C 220 CDi (202.133) (92 kW) Eng.OM611.960	97-00	**PA752**				611 200 02 01,611 200 12 01
C 220 D (202.121) (55-70 kW) Eng.OM604.910	93-00	**PA583**				601 200 11 20
C 230 (202.023) (110 kW) Eng.M111.974	96-00	**PA582**				111 200 04 01/ 40 01
C 230 K. (202.024) (142 kW) Eng.M111.975	95-00	**PA687**				111 200 23 01
C 240 (202.026) (125 kW) Eng.M112.910	97-00	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	97-00	**PA711**			California	112 200 05 01/ 10 01/ 15 01
C 250 D (202.125) (83 kW) Eng.OM605.910	93-00	**PA448**				602 200 00 20/ 02 20/ 04 20
C 250 TD (202.128) (110 kW) Eng.OM605.960	95-00	**PA706**				605 200 01 20/ 03 20/ 05 20/ 08 20
C 280 (202.028) (142 kW) Eng.M104.941	93-00	**PA580**				104 200 33 01/ 44 01/ 47 01
	93-00	**PA661**				104 200 28 01/ 45 01/ 49 01/ 54 01
C 280 (202.029) (145 kW) Eng.M112.920	97-00	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	97-00	**PA711**			California	112 200 05 01/ 10 01/ 15 01
C 36 AMG (202.028) (206 kW) Eng.M104.941	94-00	**PA580**				104 200 33 01/ 44 01/ 47 01
C 43 AMG (202.033) (225 kW) Eng.M113.944	97-00	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	97-00	**PA711**			California	112 200 05 01/ 10 01/ 15 01
Classe C I SW (S202) '6/96-'3/01						
C 180 T (202.078) (90 kW) Eng.M111.920/921	96-00	**PA582**				111 200 04 01/ 40 01
C 180 T (202.081) (95 kW) Eng.M111.952	00-01	**PA899**				111 200 42 01
C 200 T (202.080) (100 kW) Eng.M111.941/945	96-00	**PA582**				111 200 04 01/ 40 01
C 200 T CDi (202.194) (75 kW) Eng.OM611.960	98-01	**PA752**				611 200 02 01,611 200 12 01
C 200 T K. (202.082) (141 kW) Eng.M111.944	96-01	**PA687**				111 200 23 01
C 200 T K. (202.087) (120 kW) Eng.M111.956	00-01	**PA899**				111 200 42 01
C 200 TD (202.180) (65 kW) Eng.OM604.915	96-01	**PA583**				601 200 11 20
C 220 T CDi (202.193) (92 kW) Eng.OM611.960	97-01	**PA752**				611 200 02 01,611 200 12 01
C 220 TD (202.182) (55-70 kW) Eng.OM604.910	96-01	**PA583**				601 200 11 20
C 230 T (202.083) (110 kW) Eng.M111.974	96-01	**PA582**				111 200 04 01/ 40 01
C 230 T K. (202.085) (142 kW) Eng.M111.975	97-00	**PA687**				111 200 23 01
C 240 T (202.086/.088) (125 kW) Eng.M112.910/.915	97-00	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	97-00	**PA711**			California	112 200 05 01/ 10 01/ 15 01
C 250 T TD (202.188) (110 kW) Eng.OM605.960	96-01	**PA706**				605 200 01 20/ 03 20/ 05 20/ 08 20
C 280 T (202.089) (145 kW) Eng.M112.920	97-01	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	97-01	**PA711**			California	112 200 05 01/ 10 01/ 15 01
C 43 AMG (202.093) (225 kW) Eng.M113.944	97-00	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	97-00	**PA711**			California	112 200 05 01/ 10 01/ 15 01
Classe C II (W203) '5/00-'12/06						
C 180 (203.035) (95 kW) Eng.M111.951	00-02	**PA910**				111 200 43 01
C 180 K. (203.046) (105 kW) Eng.M271.946	02-	**PA885**				271 200 02 01

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PA885

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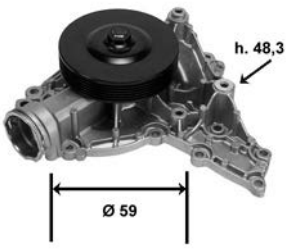
PA910

PA992



PA1027

PA1028

		GRAF ref.			NOTE	Adaptable for OES
C 200 CDi (75 kW) Eng.OM646.962	2/01-	**PA752**				611 200 02 01,611 200 12 01
C 200 CDi (203.004) (85 kW) Eng.OM611.962	00-	**PA752**				611 200 02 01,611 200 12 01
C 200 CDi (203.007) (90 kW) Eng.OM646.962	03-	**PA909**				646 200 03 01
C 200 CGI K. (203.043) (125 kW) Eng.M271.942	03-	**PA885**				271 200 02 01
C 200 K. (203.042) (120 kW) Eng.M271.940	5/02-	**PA885**				271 200 02 01
C 200 K. (203.045) (120 kW) Eng.M111.955	00-02	**PA899**				111 200 42 01
C 220 CDi (203.006) (100-105 kW) Eng.OM611.962	00-07	**PA752**				611 200 02 01,611 200 12 01
C 220 CDi (203.008) (110 kW) Eng.OM646.963	2/04-	**PA909**				646 200 03 01
C 230 (203.052) (150 kW) Eng.M272.920	05-	**PA1027**				272 200 09 01
C 230 K. (203.040) (141 kW) Eng.M271.948	04-	**PA885**				271 200 02 01
C 240 (203.061/.081) (125 kW) Eng.M112.912/ .916	00-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
C 270 CDi (203.016) (125 kW) Eng.OM612.962	00-	**PA752**				611 200 02 01,611 200 12 01
C 280 (203.054/ .092) (170 kW) Eng.M272.940/ .941	05-	**PA1027**				272 200 09 01
C 320 (203.064) (160 kW) Eng.M112.946	00-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
C 320 4-matic (203.084) (160 kW) Eng.M112.953	7/02-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
C 320 CDi (203.020) (165 kW) Eng.OM642.910	05-	**PA992**				642 200 07 01/ 17 01
C 350 (170 kW) Eng.M272.960	05-07	**PA1027**				272 200 09 01
C 350 (203.056) (200 kW) Eng.M272.960	-3/05	**PA1028**				272 200 04 01
	4/05-	**PA1027**				272 200 09 01
C 350 4-matic (203.087) (200 kW) Eng.M272.970	-3/05	**PA1028**				272 200 04 01
	4/05-	**PA1027**				272 200 09 01
C 55 AMG (203.076) (270 kW) Eng.M113.988	04-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
Classe C II SportCoupe (CL203) '3/01-'12/06						
C 160 K. (203.730) (90 kW) Eng.M271.921	02-	**PA885**				271 200 02 01
C 180 (203.735) (95 kW) Eng.M111.951	01-02	**PA910**				111 200 43 01
C 180 K. (203.746) (105 kW) Eng.M271.946	02-	**PA885**				271 200 02 01
C 200 CDi (203.707) (90 kW) Eng.OM646.962	03-	**PA909**				646 200 03 01
C 200 CGI K. (203.743) (125 kW) Eng.M271.942	03-	**PA885**				271 200 02 01
C 200 K. (203.742) (120 kW) Eng.M271.940	02-	**PA885**				271 200 02 01
C 200 K. (203.745) (120 kW) Eng.M111.955	01-02	**PA899**				111 200 42 01
C 220 CDi (100 kW) Eng.OM611.962	01-06	**PA752**				611 200 02 01,611 200 12 01
C 220 CDi (203.706) (105 kW) Eng.OM611.962	01-	**PA752**				611 200 02 01,611 200 12 01
C 220 CDi (203.708) (110 kW) Eng.OM646.963	04-	**PA909**				646 200 03 01
C 230 (203.752) (150 kW) Eng.M272.920	05-	**PA1027**				272 200 09 01
C 230 K. (203.740) (141 kW) Eng.M271.948	04-	**PA885**				271 200 02 01
C 230 K. (203.747) (145 kW) Eng.M111.981	01-02	**PA899**				111 200 42 01
C 320 (203.764) (160 kW) Eng.M112.946	02-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
C 350 (203.756) (200 kW) Eng.M272.960	-3/05	**PA1028**				272 200 04 01
	4/05-	**PA1027**				272 200 09 01
Classe C II SW (S203) '3/01-'12/06						
C 180 (203.235) (95 kW) Eng.M111.951	01-02	**PA910**				111 200 43 01
C 180 K. (203.246) (105 kW) Eng.M271.946	5/02-	**PA885**				271 200 02 01
C 200 CDi (75 kW) Eng.OM646.962	01-	**PA752**				611 200 02 01,611 200 12 01
C 200 CDi (203.204) (85 kW) Eng.OM611.962	01-	**PA752**				611 200 02 01,611 200 12 01
C 200 CDi (203.207) (90 kW) Eng.OM646.962	03-	**PA909**				646 200 03 01
C 200 CGI K. (203.243) (125 kW) Eng.M271.942	03-	**PA885**				271 200 02 01
C 200 K. (203.242) (120 kW) Eng.M271.940	02-	**PA885**				271 200 02 01
C 200 K. (203.245) (120 kW) Eng.M111.955	01-02	**PA899**				111 200 42 01
C 220 CDi (100 kW) Eng.OM611.962	06-	**PA752**				611 200 02 01,611 200 12 01
C 220 CDi (203.206) (105 kW) Eng.OM611.962	01-	**PA752**				611 200 02 01,611 200 12 01
C 220 CDi (203.208) (110 kW) Eng.OM646.963	04-	**PA909**				646 200 03 01
C 230 (203.252) (150 kW) Eng.M272.920	05-	**PA1027**				272 200 09 01
C 230 K. (203.240) (141 kW) Eng.M271.948	04-	**PA885**				271 200 02 01
C 240 (203.261) (125 kW) Eng.M112.912/ .916	01-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
C 270 CDi (203.216) (125 kW) Eng.OM612.962	01-	**PA752**				611 200 02 01,611 200 12 01
C 280 (170 kW) Eng.M272.940/ .941	05-	**PA1027**				272 200 09 01
C 320 (203.264) (160 kW) Eng.M112.946	01-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
C 320 4-matic (203.284) (160 kW) Eng.M112.953	02-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
C 320 CDi (203.220) (165 kW) Eng.OM642.910	06-	**PA992**				642 200 07 01/ 17 01

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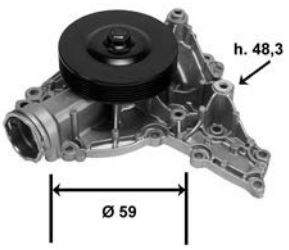

PA1027

PA1028

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PA1107

		GRAF ref.			NOTE	Adaptable for OES
C 350 (203.256) (200 kW) Eng.M272.960	-3/05	**PA1028**				272 200 04 01
	4/05-	**PA1027**				272 200 09 01
C 350 4-matic (200 kW) Eng.M272.970	-3/05	**PA1028**				272 200 04 01
	4/05-	**PA1027**				272 200 09 01
C 55 AMG (203.276) (270 kW) Eng.M113.988	01-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
Classe C III (W204) '1/07-						
C 180 K. (204.046) (115 kW) Eng.M271.952	07-	**PA885**				271 200 02 01
C 200 CDi (204.007) (100 kW) Eng.OM646.811	07-	**PA909**				646 200 03 01
C 200 K. (204.041) (135 kW) Eng.M271.950	07-	**PA885**				271 200 02 01
C 220 CDi (204.008) (125 kW) Eng.OM646.811	07-	**PA909**				646 200 03 01
C 230 (204.052/.085) (150 kW) Eng.M272.921	07-	**PA1027**				272 200 09 01
C 250 CGi (150 kW) Eng.M271.860	09-	**PA1107**				271 200 04 01/ 06 01/ 10 01
C 280 (204.054) (170 kW) Eng.M272.947	07-	**PA1027**				272 200 09 01
C 280 4-Matic (204.081) (170 kW) Eng.M272.947	07-	**PA1027**				272 200 09 01
C 300 (170 kW) Eng.M272.947	09-	**PA1027**				272 200 09 01
C 300 4-Matic (170 kW) Eng.M272.948	07-	**PA1027**				272 200 09 01
C 300 CDi (170 kW) Eng.OM642.832	11-	**PA992**				642 200 07 01/ 17 01
C 300 CDi 4-matic (170 kW) Eng.OM642.832	11-	**PA992**				642 200 07 01/ 17 01
C 350 (204.056) (200 kW) Eng.M272.962	07-	**PA1027**				272 200 09 01
C 350 4-Matic (204.087) (200 kW) Eng.M272.962	07-	**PA1027**				272 200 09 01
C 350 CDi (195 kW) Eng.OM642.834	11-	**PA992**				642 200 07 01/ 17 01
C 350 CDi (204.022) (165 kW) Eng.OM642.960	07-	**PA992**				642 200 07 01/ 17 01
C 350 CDi (204.025) (170 kW) Eng.OM642.832	09-	**PA992**				642 200 07 01/ 17 01
C 350 CDi 4-Matic (204.089) (165 kW) Eng.OM642.960	07-	**PA992**				642 200 07 01/ 17 01
C 350 CDi 4-Matic (204.092) (170 kW) Eng.OM642.832	09-	**PA992**				642 200 07 01/ 17 01
C 350 CGi (215 kW) Eng.M272.982	09-	**PA1038**				272 200 10 01
Classe C III Coupe (C204) '8/11-						
C 180 K (204.331) (115 kW) Eng.M271.952	11-	**PA1107**				271 200 04 01/ 06 01/ 10 01
C 200 (204.348) (135 kW) Eng.M271.820	12-	**PA885**				271 200 02 01
C 250 CGi (150 kW) Eng.M271.860	11-	**PA1107**				271 200 04 01/ 06 01/ 10 01
Classe C III SW (S204) '1/08-						
C 180 K (115 kW) Eng.M271.952	08-	**PA885**				271 200 02 01
C 200 CDi (100 kW) Eng.OM646.811	08-	**PA909**				646 200 03 01
C 200 K (204.248) (135 kW) Eng.M271.950	08-	**PA885**				271 200 02 01
C 220 CDi (120 kW) Eng.OM646.811	07-	**PA909**				646 200 03 01
C 220 CDi, 4matic (125 kW) Eng.OM646.811	08-	**PA909**				646 200 03 01
C 230 (150 kW) Eng.M272.921	08-	**PA1027**				272 200 09 01
C 250 CGi (150 kW) Eng.M271.860	09-	**PA1107**				271 200 04 01/ 06 01/ 10 01
C 280/300 (170 kW) Eng.M272.947	08-	**PA1027**				272 200 09 01
C 300 CDi (170 kW) Eng.OM642.832	11-	**PA992**				642 200 07 01/ 17 01
C 350 (200 kW) Eng.M272.961	08-	**PA1027**				272 200 09 01
C 350 CDi (165 kW) Eng.OM642.960	08-	**PA992**				642 200 07 01/ 17 01
C 350 CDi (195 kW) Eng.OM642.834	11-	**PA992**				642 200 07 01/ 17 01
C 350 CDi (204.225) (170 kW) Eng.OM642.832	09-	**PA992**				642 200 07 01/ 17 01
C 350 CDi 4-matic (165 kW) Eng.OM642.960	08-	**PA992**				642 200 07 01/ 17 01
Classe E I (W124) '6/93-'6/95						
E 200 (124.019) (100 kW) Eng.M111.940	93-95	**PA582**				111 200 04 01/ 40 01
E 200 D (124.120) (55 kW) Eng.OM601.912	93-95	**PA446**				601 200 02 20/ 09 20
E 220 (124.022) (110 kW) Eng.M111.960	93-95	**PA582**				111 200 04 01/ 40 01
E 250 D (124.126/.129) (83 kW) Eng.OM605.911	93-95	**PA448**				602 200 00 20/ 02 20/ 04 20
E 250 TD (124.128) (93 kW) Eng.OM602.962	93-95	**PA448**			Eng -020852	602 200 00 20/ 02 20/ 04 20
	93-95	**PA706**			Eng 020853-	605 200 01 20/ 03 20/ 05 20/ 08 20
E 280 (124.028/.029) (142-145 kW) Eng.M104.942	93-95	**PA580**			M/T+A/T	104 200 33 01/ 44 01/ 47 01
	93-95	**PA661**			M/T+A/T	104 200 28 01/ 45 01/ 49 01/ 54 01
E 300 (124.030) (132 kW) Eng.M103.983	93-95	**PA735**			Eng -018292	103 200 04 01/ 16 01/ 20 01
	93-95	**PA449**			Eng 018293-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
E 300 4-matic (124.230) (132 kW) Eng.M103.985	93-95	**PA735**			Eng -000582	103 200 04 01/ 16 01/ 20 01

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		GRAF ref.			NOTE	Adaptable for OES
E 300 4-matic (124.230) (132 kW) Eng.M103.985	93-95	**PA449**			Eng 000583-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
E 300 D (124.131) (100 kW) Eng.OM606.910	93-95	**PA448**				602 200 00 20/ 02 20/ 04 20
E 300 TD (124.133) (108 kW) Eng.OM603.960	93-95	**PA448**			Eng -054622	602 200 00 20/ 02 20/ 04 20
	93-95	**PA706**			Eng 054623-	605 200 01 20/ 03 20/ 05 20/ 08 20
E 300 TD 4-matic (124.333) (108 kW) Eng.OM603.963	93-95	**PA448**				602 200 00 20/ 02 20/ 04 20
E 320 (124.032) (162 kW) Eng.M104.992	93-95	**PA580**				104 200 33 01/ 44 01/ 47 01
	93-95	**PA661**				104 200 28 01/ 45 01/ 49 01/ 54 01
E 420 (124.034) (205 kW) Eng.M119.975	93-95	**PA578**			Eng -020770	119 200 04 01/ 09 01/ 15 01
	93-95	**PA613**			Eng 020771-	119 200 21 01
E 500 (124.036) (235 kW) Eng.M119.974	93-95	**PA578**			Eng -010204	119 200 04 01/ 09 01/ 15 01
	93-95	**PA613**			Eng 010205-	119 200 21 01
Classe E I Cabrio (A124) '6/93-'3/98						
E 200/220 (124.060) (100-110 kW) Eng.M111.940/ .960	93-98	**PA582**				111 200 04 01/ 40 01
E 300 (124.061)	93-98	**PA450**				104 200 03 01/ 29 01
E 320 (124.066) (162 kW) Eng.M104.992/995	93-98	**PA580**				104 200 33 01/ 44 01/ 47 01
Classe E I Coupe (C124) '6/93-'6/97						
E 200 (124.040) (100 kW) Eng.M111.940	93-97	**PA582**				111 200 04 01/ 40 01
E 220 (124.042) (110 kW) Eng.M111.960	93-97	**PA582**				111 200 04 01/ 40 01
E 320 (124.052) (162 kW) Eng.M104.992	93-95	**PA661**				104 200 28 01/ 45 01/ 49 01/ 54 01
	96-97	**PA580**				104 200 33 01/ 44 01/ 47 01
Classe E I SW (S124) '6/93-'6/96						
E 200 (124.079) (100 kW) Eng.M111.940	93-96	**PA582**				111 200 04 01/ 40 01
E 220 (124.082) (110 kW) Eng.M111.960	93-96	**PA582**				111 200 04 01/ 40 01
E 250 D (124.186) (83 kW) Eng.OM605.911	93-96	**PA448**				602 200 00 20/ 02 20/ 04 20
E 250 TD (93 kW) Eng.OM602.962	93-96	**PA448**			Eng -020852	602 200 00 20/ 02 20/ 04 20
	93-96	**PA706**			Eng 020853-	605 200 01 20/ 03 20/ 05 20/ 08 20
E 280 (124.088) (142-145 kW) Eng.M104.942	93-96	**PA580**			M/T+A/T	104 200 33 01/ 44 01/ 47 01
	93-96	**PA661**			M/T+A/T	104 200 28 01/ 45 01/ 49 01/ 54 01
E 300 4-matic (124.290) (132 kW) Eng.M103.985	93-96	**PA735**			Eng -000582	103 200 04 01/ 16 01/ 20 01
	93-96	**PA449**			Eng 000583-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
E 300 D (124.191) (100 kW) Eng.OM606.910	93-96	**PA448**				602 200 00 20/ 02 20/ 04 20
E 300 TD (124.193) (108 kW) Eng.OM603.960	93-96	**PA448**			Eng -054622	602 200 00 20/ 02 20/ 04 20
	93-96	**PA706**			Eng 054623-	605 200 01 20/ 03 20/ 05 20/ 08 20
E 300 TD 4-matic (124.393) (108 kW) Eng.OM603.963	93-96	**PA448**				602 200 00 20/ 02 20/ 04 20
E 300 TE-24 AMG (124.091) (162 kW) Eng.M104.980	93-96	**PA608**			Eng -033510	104 200 08 01,104 200 31 01
	93-96	**PA450**			Eng 033511-	104 200 03 01/ 29 01
E 320 (124.092) (162 kW) Eng.M104.992	93-96	**PA580**				104 200 33 01/ 44 01/ 47 01
	93-96	**PA661**				104 200 28 01/ 45 01/ 49 01/ 54 01
Classe E II (W210) '6/95-'3/02						
E 200 (210.035) (100 kW) Eng.M111.942	95-00	**PA582**				111 200 04 01/ 40 01
E 200 CDi (210.007) (75 kW) Eng.OM611.961	98-99	**PA752**				611 200 02 01,611 200 12 01
E 200 CDi (210.007) (85 kW) Eng.OM611.961	99-02	**PA752**				611 200 02 01,611 200 12 01
E 200 K. (210.045) (137 kW) Eng.M111.947	97-7/02	**PA687**				111 200 23 01
E 200 K. (210.048) (120 kW) Eng.M111.957	00-02	**PA899**				111 200 42 01
E 220 CDi (210.006) (92-105 kW) Eng.OM611.961	99-02	**PA752**				611 200 02 01,611 200 12 01
E 220 D (210.004) (55-70 kW) Eng.OM604.912	95-7/99	**PA583**				601 200 11 20
E 230 (210.037) (110 kW) Eng.M111.970	95-97	**PA582**				111 200 04 01/ 40 01
E 240 (210.061) (125 kW) Eng.M112.911	97-00	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	97-00	**PA711**			California	112 200 05 01/ 10 01/ 15 01
E 250 D (210.010) (83 kW) Eng.OM605.912	97-7/02	**PA448**				602 200 00 20/ 02 20/ 04 20
E 250 TD (210.015) (110 kW) Eng.OM605.962	97-99	**PA706**				605 200 01 20/ 03 20/ 05 20/ 08 20
E 260 (210.062) (125 kW) Eng.M112.914	00-02	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
E 270 CDi (210.016) (125 kW) Eng.OM612.961	99-02	**PA752**				611 200 02 01,611 200 12 01
E 280 (210.053) (142 kW) Eng.M104.945	96-97	**PA580**				104 200 33 01/ 44 01/ 47 01
E 280 (210.063/.081) (150 kW) Eng.M112.921	96-02	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	96-02	**PA711**			California	112 200 05 01/ 10 01/ 15 01
E 290 TD (210.017) (95 kW) Eng.OM602.982	96-7/99	**PA448**				602 200 00 20/ 02 20/ 04 20
E 300 TD (210.025) (130 kW) Eng.OM606.962	96-99	**PA706**				605 200 01 20/ 03 20/ 05 20/ 08 20

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		GRAF ref.			NOTE	Adaptable for OES
E 320 (210.055) (162 kW) Eng.M104.992/995	95-97	**PA580**				104 200 33 01/ 44 01/ 47 01
E 320 (210.065) (165 kW) Eng.M112.941	97-02	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	97-02	**PA711**			California	112 200 05 01/ 10 01/ 15 01
E 320 4-matic (210.082) (165 kW) Eng.M112.941	97-02	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	97-02	**PA711**			California	112 200 05 01/ 10 01/ 15 01
E 320 CDi (210.026) (145 kW) Eng.OM613.961	99-02	**PA746**				613 200 07 01
E 420 (210.072) (205 kW) Eng.M119.985	1/96-6/97	**PA613**				119 200 21 01
E 430 (210.070) (205 kW) Eng.M113.940	97-02	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	97-02	**PA711**			California	112 200 05 01/ 10 01/ 15 01
E 430 4-matic (210.083) (205 kW) Eng.M113.940	99-02	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
E 55 AMG (210.074) (260 kW) Eng.M113.980	97-02	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
Classe E II SW (S210) '6/96-'3/03						
E 200 (210.235) (100 kW) Eng.M111.942	96-00	**PA582**				111 200 04 01/ 40 01
E 200 K. (210.245) (137 kW) Eng.M111.947	97-03	**PA687**				111 200 23 01
E 200 K. (210.248) (120 kW) Eng.M111.957	00-03	**PA899**				111 200 42 01
E 220 CDi (92 kW) Eng.OM611.961	98-99	**PA752**				611 200 02 01,611 200 12 01
E 220 CDi (210.006) (105 kW) Eng.OM611.961	99-03	**PA752**				611 200 02 01,611 200 12 01
E 230 (210.237) (110 kW) Eng.M111.970	96-97	**PA582**				111 200 04 01/ 40 01
E 240 (210.261) (125 kW) Eng.M112.911	97-00	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	97-00	**PA711**			California	112 200 05 01/ 10 01/ 15 01
E 250 D (210.210) (83 kW) Eng.OM605.912	96-99	**PA448**				602 200 00 20/ 02 20/ 04 20
E 250 TD (210.215) (110 kW) Eng.OM605.962	97-99	**PA706**				605 200 01 20/ 03 20/ 05 20/ 08 20
E 260 (210.262) (125 kW) Eng.M112.914	00-03	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
E 270 CDi (210.216) (125 kW) Eng.OM612.961	99-03	**PA752**				611 200 02 01,611 200 12 01
E 280 (210.263) (150 kW) Eng.M112.921	96-03	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	96-03	**PA711**			California	112 200 05 01/ 10 01/ 15 01
E 290 TD (210.217) (95 kW) Eng.OM602.982	96-99	**PA448**				602 200 00 20/ 02 20/ 04 20
E 300 TD (210.225) (130 kW) Eng.OM606.962	96-99	**PA706**				605 200 01 20/ 03 20/ 05 20/ 08 20
E 320 (210.265/.282) (165 kW) Eng.M112.941	96-03	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	96-03	**PA711**			California	112 200 05 01/ 10 01/ 15 01
E 320 CDi (210.226) (145 kW) Eng.OM613.961	99-03	**PA746**				613 200 07 01
E 420 (210.272) (205 kW) Eng.M119.985	96-97	**PA613**				119 200 21 01
E 430 (210.270) (205 kW) Eng.M113.940	97-03	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	97-03	**PA711**			California	112 200 05 01/ 10 01/ 15 01
E 430 4-matic (210.283) (205 kW) Eng.M113.940	99-03	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
E 55 AMG (210.274) (260 kW) Eng.M113.980	97-03	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
Classe E III (W211) '3/02-'2/09						
E 200 CDi (211.004) (75 kW) Eng.OM646.951	02-	**PA909**				646 200 03 01
E 200 CDi (211.004) (90 kW) Eng.OM646.951	02-	**PA909**				646 200 03 01
E 200 CDi EVO (211.007) (100 kW) Eng.OM646.820	07-	**PA909**				646 200 03 01
E 200 CGI (125 kW) Eng.M271.946	02-	**PA885**				271 200 02 01
E 200 K. (211.042) (120 kW) Eng.M271.941	02-	**PA885**				271 200 02 01
E 200 K. Evo (211.041) (135 kW) Eng.M271.956	07-	**PA885**				271 200 02 01
E 200 NGT (120 kW) Eng.M271.941	04-	**PA885**				271 200 02 01
E 220 CDi (120 kW) Eng.OM646.821	03-	**PA909**				646 200 03 01
E 220 CDi (211.006) (100 kW) Eng.OM646.961	02-	**PA909**				646 200 03 01
E 220 CDi (211.006) (110 kW) Eng.OM646.961	02-	**PA909**				646 200 03 01
E 220 CDi EVO (211.008) (125 kW) Eng.OM646.821	07-	**PA909**				646 200 03 01
E 230 (150 kW) Eng.M272.922	07-09	**PA1027**				272 200 09 01
E 240 (211.061/.080) (130 kW) Eng.M112.913/.917	02-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
E 270 CDi (120 kW) Eng.OM612.961	02-08	**PA909**				646 200 03 01
E 270 CDi (211.016) (130 kW) Eng.OM647.961	02-	**PA909**				646 200 03 01
E 280 (170 kW) Eng.M272.943	05-06	**PA1028**				272 200 04 01
	07-	**PA1027**				272 200 09 01
E 280 4-matic (170 kW) Eng.M272.943	06-07	**PA1028**				272 200 04 01
	07-	**PA1027**				272 200 09 01
E 280 CDi (140 kW) Eng.OM642.920	05-	**PA992**				642 200 07 01/ 17 01
E 280 CDi (211.023) (130 kW) Eng.OM648.961	04-	**PA889**				613 200 09 01
E 280 CDi 4-matic (140 kW) Eng.OM642.921	05-	**PA992**				642 200 07 01/ 17 01

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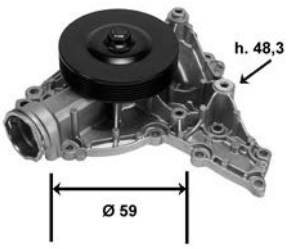

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		GRAF ref.			NOTE	Adaptable for OES
E 300 Bluetec CDi (155 kW) Eng.OM642.920	07-	**PA993**				642 200 10 01
E 320 (211.065) (165 kW) Eng.M112.949	02-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
E 320 4-matic (211.082) (165 kW) Eng.M112.954	03-	**PA711**				112 200 05 01/ 10 01/ 15 01
E 320 CDi (211.026) (150 kW) Eng.OM648.961	02-	**PA889**				613 200 09 01
E 320 CDi, 4-matic (165 kW) Eng.OM642.920/910	05-	**PA992**				642 200 07 01/ 17 01
E 350 4-Matic (205 kW) Eng.M272.972	04-06	**PA1027**				272 200 09 01
E 350 CGI (215 kW) Eng.M272.985	07-	**PA1038**				272 200 10 01
E 350, 4-matic (211.087) (200 kW) Eng.M272.964	05-06	**PA1028**				272 200 04 01
	06-	**PA1027**				272 200 09 01
E 500 (211.070.083) (225 kW) Eng.M113.967/.969	02-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
E 500 Evo 4-matic (211.090) (285 kW) Eng.M273.960/962	07-	**PA1029**				273 200 02 01
Classe E III SW (S211) '3/03-'2/09						
E 200 CDi (211.207) (100 kW) Eng.OM646.811	08-09	**PA909**				646 200 03 01
E 200 EVO K. (135 kW) Eng.M271.956	07-	**PA885**				271 200 02 01
E 200 K. (211.242) (120 kW) Eng.M271.941	03-	**PA885**				271 200 02 01
E 220 CDi (120 kW) Eng.OM646.821	03-	**PA909**				646 200 03 01
E 220 CDi (211.206) (100 kW) Eng.OM646.961	03-	**PA909**				646 200 03 01
E 220 CDi EVO (125 kW) Eng.OM646.821	07-	**PA909**				646 200 03 01
E 220 T CDi (211.206) (110 kW) Eng.OM646.961	03-	**PA909**				646 200 03 01
E 230 T (150 kW) Eng.M272.922	07-09	**PA1027**				272 200 09 01
E 240 (211.261/.280) (130 kW) Eng.M112.913/.917	03-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
E 270 CDi (211.216) (130 kW) Eng.OM647.961	03-	**PA909**				646 200 03 01
E 270 T CDi (120 kW) Eng.OM612.961	03-09	**PA909**				646 200 03 01
E 280 (170 kW) Eng.M272.943	07-	**PA1027**				272 200 09 01
E 280 CDi (130 kW) Eng.OM648.961	04-	**PA889**				613 200 09 01
E 280 CDi (140 kW) Eng.OM642.920	05-	**PA992**				642 200 07 01/ 17 01
E 280 CDi 4-matic (140 kW) Eng.OM642.921	05-	**PA992**				642 200 07 01/ 17 01
E 280 T 4-matic (170 kW) Eng.M272.943	07-	**PA1027**				272 200 09 01
E 320 (211.265) (165 kW) Eng.M112.949	03-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
E 320 4-matic (211.282) (165 kW) Eng.M112.954	03-	**PA711**				112 200 05 01/ 10 01/ 15 01
E 320 CDi (165 kW) Eng.OM642.920	05-	**PA992**				642 200 07 01/ 17 01
E 320 CDi (211.226) (150 kW) Eng.OM648.961	03-	**PA889**				613 200 09 01
E 320 T CDi 4-matic (165 kW) Eng.OM642.920	05-	**PA992**				642 200 07 01/ 17 01
E 350 CGi (215 kW) Eng.M272.985	06-09	**PA1038**				272 200 10 01
E 350, T 4-matic (211.287) (200 kW) Eng.M272.964	05-06	**PA1028**				272 200 04 01
	06-	**PA1027**				272 200 09 01
E 500 (211.270/.283) (225 kW) Eng.M113.967.969	03-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
E 500 T EVO (211.272) (285 kW) Eng.M273.960	07-	**PA1029**				273 200 02 01
E 500 T. 4-matic (211.290) (285 kW) Eng.M273.962	06-	**PA1029**				273 200 02 01
Classe E IV (W212) '3/09-						
E 200 CGI (135 kW) Eng.M271.820	09-	**PA1107**				271 200 04 01/ 06 01/ 10 01
E 200 NGT (120 kW) Eng.M271.958	11-	**PA1107**				271 200 04 01/ 06 01/ 10 01
E 250 CGi (150 kW) Eng.M271.860	09-	**PA1107**				271 200 04 01/ 06 01/ 10 01
E 300 (170 kW) Eng.M272.952	09-	**PA1027**				272 200 09 01
E 300 CDi (150 kW) Eng.OM642.850	10-	**PA992**				642 200 07 01/ 17 01
E 350 (200 kW) Eng.M272.980	09-	**PA1027**				272 200 09 01
E 350 BlueTec (155 kW) Eng.OM642.850	09-	**PA992**				642 200 07 01/ 17 01
E 350 4Matic (200 kW) Eng.M272.977	09-	**PA1027**				272 200 09 01
E 350 CDi (170 kW) Eng.OM642.850/.856/.858	09-	**PA992**				642 200 07 01/ 17 01
E 350 CGI (215 kW) Eng.M272.977/.983	09-	**PA1038**				272 200 10 01
E 500 (285 kW) Eng.M273.971/. 970	09-	**PA1029**				273 200 02 01
Classe E IV Cabrio (A207) '1/10-						
E 200 CGi (207.448) (135 kW) Eng.M271.860	10-	**PA1107**				271 200 04 01/ 06 01/ 10 01
E 250 CGi (207.447) (150 kW) Eng.M271.860	10-	**PA1107**				271 200 04 01/ 06 01/ 10 01
E 350 (200 kW) Eng.M272.988	11-	**PA1038**				272 200 10 01
E 350 CDi (207.422) (170 kW) Eng.OM642.836	10-	**PA992**				642 200 07 01/ 17 01
E 350 CGi (207.457) (215 kW) Eng.M272.984	10-	**PA1038**				272 200 10 01
E 500 (207.472) (285 kW) Eng.M273.966	10-	**PA1029**				273 200 02 01

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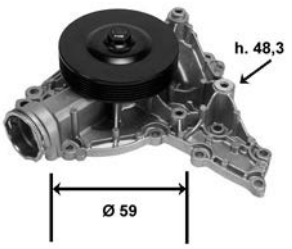

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		GRAF ref.			NOTE	Adaptable for OES
Classe E IV Coupe (C207) '4/09-						
E 200 CGi (207.348) (135 kW) Eng.M271.860	10-	**PA1107**				271 200 04 01/ 06 01/ 10 01
E 250 CGi (150 kW) Eng.M271.860	09-	**PA1107**				271 200 04 01/ 06 01/ 10 01
E 350 (200 kW) Eng.M272.988	11-	**PA1038**				272 200 10 01
E 350 CDi (170 kW) Eng.OM642.836	09-	**PA992**				642 200 07 01/ 17 01
E 350 CGI (215 kW) Eng.M272.984	09-	**PA1038**				272 200 10 01
E 500 (285 kW) Eng.M273.966	09-	**PA1029**				273 200 02 01
Classe E IV SW (S212) '10/09-						
E 200 CGI (135 kW) Eng.M271.820	09-	**PA1107**				271 200 04 01/ 06 01/ 10 01
E 200 NGT (120 kW) Eng.M271.958	11-	**PA1107**				271 200 04 01/ 06 01/ 10 01
E 250 CGi (150 kW) Eng.M271.860	09-	**PA1107**				271 200 04 01/ 06 01/ 10 01
E 300 (170 kW) Eng.M272.952	09-	**PA1027**				272 200 09 01
E 300 CDi (150-170 kW) Eng.OM642.850	08-	**PA992**				642 200 07 01/ 17 01
E 350 BlueTec (155 kW) Eng.OM642.850	09-	**PA992**				642 200 07 01/ 17 01
E 350 Bluetec, 4matic (185 kW) Eng.OM642.852	13-	**PA992**				642 200 07 01/ 17 01
E 350 CDi, 4-matic (170 kW) Eng.OM642.850/.856/.858	09-	**PA992**				642 200 07 01/ 17 01
E 350 CGI (215 kW) Eng.M272.977/.983	09-	**PA1038**				272 200 10 01
E 350, 4-matic (200 kW) Eng.M272.977/.980	09-	**PA1027**				272 200 09 01
E 500 (285 kW) Eng.M273.966	09-	**PA1029**				273 200 02 01
Classe E V Cabrio '5/13-						
E 200 (135 kW)	13-	**PA1107**				271 200 04 01/ 06 01/ 10 01
E 200 NGD (115 kW)	14-	**PA1107**				271 200 04 01/ 06 01/ 10 01
Classe E V Coupe '5/13-						
E 200 (135 kW)	13-	**PA1107**				271 200 04 01/ 06 01/ 10 01
Classe G (W460) '3/79-'7/93						
230 (460,2) (66-75 kW) Eng.M115.973	79-93	**PA105**			+RB, Eng -001111	110 200 01 20/ 09 20/ 17 20
230 (460,2) (92 kW) Eng.M102.981/987	82-92	**PA272**				102 200 03 01/ 20,102 200 04 01/ 20 102 200 11 01/ 15 01/ 41 01/ 43 01
240 (460,3) (53 kW) Eng.OM616.936	89-87	**PA105**			+RB, Eng -005397	110 200 01 20/ 09 20/ 17 20
250 (460,3) (62-68 kW) Eng.OM602.930	87-92	**PA448**				602 200 00 20/ 02 20/ 04 20
280 (460,2) (110-115 kW) Eng.M110.994	79-89	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
300 (460.3) (65 kW) Eng.OM617.931	79-91	**PA105**			+RB, Eng -011424	110 200 01 20/ 09 20/ 17 20
Classe G (W461) '2/90-						
230 (461) (92 kW) Eng.M102.996	93-	**PA272**				102 200 03 01/ 20,102 200 04 01/ 20 102 200 11 01/ 15 01/ 41 01/ 43 01
280 CDi (135 kW) Eng.OM642.884	09-	**PA993**			Eng -4077759	642 200 10 01
	09-	**PA992**			Eng 4077760-	642 200 07 01/ 17 01
290 D (461.337/.338) (70 kW) Eng.OM602.942	92-	**PA448**				602 200 00 20/ 02 20/ 04 20
290 TD (461.335/.336) (88 kW) Eng.OM602.983	97-	**PA448**				602 200 00 20/ 02 20/ 04 20
300 CDi (135 kW) Eng.OM642.884	10-	**PA992**				642 200 07 01/ 17 01
Classe G (W463) '9/89-						
230 (463.224/.225) (93-92 kW) Eng.M102.989	90-	**PA272**				102 200 03 01/ 20,102 200 04 01/ 20 102 200 11 01/ 15 01/ 41 01/ 43 01
250 (463) (69 kW) Eng.OM602.931	90-	**PA448**				602 200 00 20/ 02 20/ 04 20
270 CDi (463.322/.323) (115 kW) Eng.OM612.966	01-	**PA888**				611 200 05 01/ 08 01/ 11 01
300 (463.227/.228) (125-128 kW) Eng.M103.987	90-	**PA449**				103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
300 (463.327/.328) (83 kW) Eng.OM603.931	89-	**PA448**				602 200 00 20/ 02 20/ 04 20
300 TD (463.330/.331) (130 kW) Eng.OM606.964	96-	**PA706**				605 200 01 20/ 03 20/ 05 20/ 08 20
320 (463.230/.231) (155 kW) Eng.M104.996	94-97	**PA610**				104 200 27 01/ 32 01/ 48 01
320 (463.232/.233) (158 kW) Eng.M112.945	97-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	97-	**PA711**			California	112 200 05 01/ 10 01/ 15 01
320 CDi (165 kW) Eng.OM642.940	06-	**PA993**			Eng -4077759	642 200 10 01
	06-	**PA992**			Eng 4077760-	642 200 07 01/ 17 01
350 CDi (155 kW) Eng.OM642.886	11-	**PA992**				642 200 07 01/ 17 01
350 TD (463.320/.321) (100 kW) Eng.OM603.972	91-	**PA448**			Eng -004348	602 200 00 20/ 02 20/ 04 20
	91-	**PA706**			Eng 004349-	605 200 01 20/ 03 20/ 05 20/ 08 20
500 (285 kW) Eng.M273.963	08-	**PA1029**				273 200 02 01

PA272

PA447

PA582

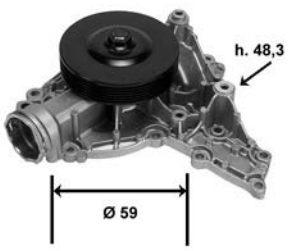
PA710

PA711

PA752

PA992

PA993



PA1027

PA1028

PA1029

		GRAF ref.			NOTE	Adaptable for OES
500 (463.228) (177 kW) Eng.M117.965	93-	**PA447**				116 200 11 01/ 12 01/ 13 01/ 14 01/ 16 01/ 17 01
500 (463.247/.248/.249) (218 kW) Eng.M113.962	98-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	98-	**PA711**			California	112 200 05 01/ 10 01/ 15 01
Classe G Cabrio (W463) '9/89-						
230 (463.204) (93-92 kW) Eng.M102.989	90-93	**PA272**				102 200 03 01/ 20,102 200 04 01/ 20 102 200 11 01/ 15 01/ 41 01/ 43 01
320 CDi (165 kW) Eng.OM642.970	06-	**PA993**			Eng -4077759	642 200 10 01
	06-	**PA992**			Eng 4077760-	642 200 07 01/ 17 01
350 CDi (155 kW) Eng.OM642.886	11-	**PA992**				642 200 07 01/ 17 01
Classe GL I (X164) '9/06-						
GL 320 CDi (165 kW) Eng.OM642.940	06-	**PA993**				642 200 10 01
GL 350 CDi 4matic (165 kW) Eng.OM642.940	09-	**PA993**				642 200 10 01
GL 350 CDi 4-matic (195 kW) Eng.OM642.822	11-	**PA992**				642 200 07 01/ 17 01
GL 450 (250 kW) Eng.M273.923	06-	**PA1029**				273 200 02 01
GL 500, 4matic (285 kW) Eng.M273.963	06-	**PA1029**				273 200 02 01
Classe GLK (X204) '9/08-						
280 4Matic (170 kW) Eng.M272.947	08-	**PA1027**				272 200 09 01
300 4Matic (170 kW) Eng.M272.948	09-	**PA1027**				272 200 09 01
320 CDi (165 kW) Eng.OM642.960	08-	**PA992**				642 200 07 01/ 17 01
350 CDi (165-170 kW) Eng.OM642.832	09-	**PA992**				642 200 07 01/ 17 01
350, 4Matic (200 kW) Eng.M272.962	08-	**PA1027**				272 200 09 01
Classe M I (W163) '2/98-'6/05						
ML 230 (163.136) (110 kW) Eng.M111.977	98-	**PA582**				111 200 04 01/ 40 01
ML 270 CDi (163.113) (120 kW) Eng.OM612.963	99-	**PA752**				611 200 02 01,611 200 12 01
ML 320 (163.154) (160 kW) Eng.M112.942	98-02	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	98-02	**PA711**			California	112 200 05 01/ 10 01/ 15 01
ML 350 (173 kW) Eng.M112.970	03-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
ML 350 (163.157) (180 kW) Eng.M112.970	02-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
ML 430 (163.172) (200 kW) Eng.M113.942	98-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
ML 500 (163.175) (215 kW) Eng.M113.964/965	01-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
ML 55 AMG (163.174) (255 kW) Eng.M113.981	00-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
Classe M II (W164) '7/05-						
ML 280 CDi (164.120) (140 kW) Eng.OM642.940	05-	**PA993**				642 200 10 01
ML 300 CDi (140 kW) Eng.OM642.940	09-	**PA993**				642 200 10 01
ML 300 CDi 4Matic (164.121) (150 kW) Eng.OM642.820/.832	10-	**PA992**				642 200 07 01/ 17 01
ML 320 CDi (164.122) (165 kW) Eng.OM642.940	05-	**PA993**				642 200 10 01
ML 350 (164.186) (200 kW) Eng.M272.962	06-	**PA1027**				272 200 09 01
	-12/05	**PA1028**				272 200 04 01
ML 350 CDi (155 kW) Eng.OM642.872	09-	**PA992**				642 200 07 01/ 17 01
ML 350 CDi (165 kW) Eng.OM642.940	09-	**PA993**				642 200 10 01
ML 350 CDi 4Matic (164.125) (170 kW) Eng.OM642.832	10-	**PA992**				642 200 07 01/ 17 01
ML 500 (285 kW) Eng.M273.963	07-	**PA1029**				273 200 02 01
ML 500 (164.175) (225 kW) Eng.M113.964	05-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
Classe R (W251) '1/06-						
R 280 CDi (251.026, 251.126) (140 kW) Eng.OM642.950	06-	**PA993**				642 200 10 01
R 280 CDi 4-matic (251.020) (140 kW) Eng.OM642.940	06-	**PA993**				642 200 10 01
R 280, 4-matic (170 kW) Eng.M272.945	07-	**PA1027**				272 200 09 01
R 300 (170 kW) Eng.M272.945	09-	**PA1027**				272 200 09 01
R 300 CDi (140 kW) Eng.OM642.950	09-	**PA993**				642 200 10 01
R 300 CDi 4-matic (140 kW) Eng.OM642.950	09-	**PA993**				642 200 10 01
R 320 CDi (165 kW) Eng.OM642.940	06-	**PA993**				642 200 10 01
R 350 (251.056, 251.156) (200 kW) Eng.M272.967	06-	**PA1027**				272 200 09 01
R 350 BlueTec (155 kW) Eng.OM642.950	09-	**PA992**				642 200 07 01/ 17 01
R 350 CDi (165 kW) Eng.OM642.950	09-	**PA993**				642 200 10 01
R 350 CDi 4-matic (165-155 kW) Eng.OM642.950/OM642.870	09-	**PA993**				642 200 10 01
R 500 (225 kW) Eng.M113.971	06-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
R 500 (285 kW) Eng.M273.963	07-	**PA1029**				273 200 02 01

PA105	**PA106**	**PA119**	**PA134**
PA135	**PA414A**	**PA447**	**PA448**
PA449	**PA567**	**PA578**	**PA584**
PA610	**PA613**	**PA706**	**PA735**

		GRAF ref.			NOTE	Adaptable for OES
Classe S I (W108,W109) '1/66-'8/72						
250 SE (108.014) (110 kW) Eng.M129.980	66-67	**PA135**				110 200 02 20/ 10 20/ 20 20
280 S (108.016) (103 kW) Eng.M130.920	67-72	**PA135**				110 200 02 20/ 10 20/ 20 20
Classe S II (W116) '8/72-'7/80						
280 S (116.020) (115-118 kW) Eng.M110.922	72-80	**PA134**				115 200 15 20
	72-80	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
280 SE,SEL (116.024/.025) (1KP136 kW) Eng.M110.983/985	72-80	**PA134**				115 200 15 20
	72-80	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
350 SE,SEL (116.028/.029) (147-151 kW) Eng.M116.983	72-76	**PA106**				117 200 02 01/ 03 01/ 08 01/ 28 01/ 38 01
350 SE,SEL (116.928) (143 kW) Eng.M116.985	76-80	**PA106**				117 200 02 01/ 03 01/ 08 01/ 28 01/ 38 01
450 SE,SEL (116.032) (165 kW) Eng.M117.983/986	73-80	**PA106**				117 200 02 01/ 03 01/ 08 01/ 28 01/ 38 01
450 SE,SEL (116.033) (160 kW) Eng.M117.985/986	75-80	**PA106**				117 200 02 01/ 03 01/ 08 01/ 28 01/ 38 01
450 SEL 6.9 (116.036) (210 kW) Eng.M100.985	75-80	**PA106**				117 200 02 01/ 03 01/ 08 01/ 28 01/ 38 01
Classe S III (W126) '10/79-'6/91						
260 SE (126.020) (118-122 kW) Eng.M103.941	85-91	**PA735**			M/T+A/T, Eng -009801	103 200 04 01/ 16 01/ 20 01
	85-91	**PA449**			M/T+A/T, Eng 009802-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
280 S (126.021) (115 kW) Eng.M110.926/924	79-85	**PA119**				110 200 04 20/ 11 20/ 19 20
280 SE,SEL (126.022/.023) (136 kW) Eng.M110.987/989	79-85	**PA119**				110 200 04 20/ 11 20/ 19 20
300 SE,SEL (126.024/.025) (132 kW) Eng.M103.981(KAT)	86-91	**PA735**			Eng -004965	103 200 04 01/ 16 01/ 20 01
	86-91	**PA449**			Eng 004966-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
	86-91	**PA414A**			A/T, Eng 045443-	103 200 05 01/ 18 01/ 21 01/ 27 01/ 38 01
	86-91	**PA414A**			+KIT126, A/T, Eng -045442	103 200 05 01/ 18 01/ 21 01/ 27 01/ 38 01
300 SE,SEL (126.041) (138 kW) Eng.M103.981	85-89	**PA735**			Eng -004965	103 200 04 01/ 16 01/ 20 01
	85-89	**PA449**			Eng 004966-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
	85-89	**PA414A**			A/T, Eng 045443-	103 200 05 01/ 18 01/ 21 01/ 27 01/ 38 01
	85-89	**PA414A**			+KIT126, A/T, Eng -045442	103 200 05 01/ 18 01/ 21 01/ 27 01/ 38 01
380 SE,SEL (126.032/.033) (150 kW) Eng.M116.963	79-85	**PA567**				117 200 17 01/ 29 01/ 33 01
420 SE,SEL (126.034/.035) (150-160-165-170 kW) Eng.M116.965	85-91	**PA447**				116 200 11 01/ 12 01/ 13 01/ 14 01/ 16 01/ 17 01
500 SE,SEL (126.036/.037) (164-180-185-195 kW) Eng.M117.965	85-91	**PA447**				116 200 11 01/ 12 01/ 13 01/ 14 01/ 16 01/ 17 01
500 SE,SEL (126.036/.037) (170-177 kW) Eng.M117.961/963	79-85	**PA567**				117 200 17 01/ 29 01/ 33 01
560 SE,SEL (126.038/.039) (178-200-205-220 kW) Eng.M117.968	85-91	**PA447**				116 200 11 01/ 12 01/ 13 01/ 14 01/ 16 01/ 17 01
Classe S III Coupe (C126) '10/81-'6/91						
380 SEC (126.043) (150 kW) Eng.M116.963	81-85	**PA567**				117 200 17 01/ 29 01/ 33 01
420 SEC (126.046) (150-160-165 kW) Eng.M116.965	85-91	**PA447**				116 200 11 01/ 12 01/ 13 01/ 14 01/ 16 01/ 17 01
500 SEC (126.044) (164-180-185-195 kW) Eng.M117.965	85-91	**PA447**				116 200 11 01/ 12 01/ 13 01/ 14 01/ 16 01/ 17 01
500 SEC (126.044) (170 kW) Eng.M117.963	81-85	**PA567**				117 200 17 01/ 29 01/ 33 01
560 SEC (126.045) (178-200-205-220 kW) Eng.M117.968	85-91	**PA447**				116 200 11 01/ 12 01/ 13 01/ 14 01/ 16 01/ 17 01
Classe S IV (W140) '2/91-'10/98						
S 280 (140.028) (142-145 kW) Eng.M104.944	93-98	**PA584**			M/T+A/T, Eng -000508	104 200 13 01/ 30 01/ 46 01
	93-98	**PA610**			M/T+A/T, Eng 000509-	104 200 27 01/ 32 01/ 48 01
S 300 SE,SEL (140.033) (170 kW) Eng.M104.994	91-98	**PA584**			M/T+A/T, Eng -020623	104 200 13 01/ 30 01/ 46 01
	91-98	**PA610**			M/T+A/T, Eng 0206PA31209	104 200 27 01/ 32 01/ 48 01
S 300 TD (140.135) (130 kW) Eng.OM606.961	96-98	**PA706**				605 200 01 20/ 03 20/ 05 20/ 08 20
S 320 SE,SEL (140.032) (170 kW) Eng.M104.990	91-98	**PA610**			Eng 000260-	104 200 27 01/ 32 01/ 48 01
	91-98	**PA584**			M/T+A/T, Eng -000259	104 200 13 01/ 30 01/ 46 01
S 350 TD (140.134) (110 kW) Eng.OM603.971	93-98	**PA448**			Eng -018738	602 200 00 20/ 02 20/ 04 20
	93-98	**PA706**			Eng 018739-	605 200 01 20/ 03 20/ 05 20/ 08 20
S 400/420 (140.043) (210 kW) Eng.M119.971	91-98	**PA578**			Eng -026750	119 200 04 01/ 09 01/ 15 01
	91-98	**PA613**			Eng 026751-	119 200 21 01
S 420 (140.042) (205 kW) Eng.M119.971	91-98	**PA578**			Eng -026750	119 200 04 01/ 09 01/ 15 01
	91-98	**PA613**			Eng 026751-	119 200 21 01
S 500 (140.050/.051) (235-240 kW) Eng.M119.970	91-98	**PA578**			Eng -056 885	119 200 04 01/ 09 01/ 15 01
	91-98	**PA613**			Eng 056886-	119 200 21 01

PA448

PA578

PA582

PA613

PA617

PA708

PA709

PA710

PA885

PA889

PA899

PA908

PA909

PA955

PA992

PA993

PA1027

PA1029

PA1107

		GRAF ref.			NOTE	Adaptable for OES
Classe S IV Coupe (C140) '9/92-'2/99						
SEC/CL 420 (140.063) (205 kW) Eng.M119.971	94-99	**PA578**			Eng -026750	119 200 04 01/ 09 01/ 15 01
	94-99	**PA613**			Eng 026751-	119 200 21 01
SEC/CL 500 (140.070) (235 kW) Eng.M119.970	92-99	**PA578**			Eng -056 885	119 200 04 01/ 09 01/ 15 01
	92-99	**PA613**			Eng 056886-	119 200 21 01
Classe S V (W220) '10/98-'9/05						
S 320 (220.065/.165) (165 kW) Eng.M112.944	98-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
S 320 CDi (220.025/.125) (150 kW) Eng.OM648.960	9/02-	**PA889**				613 200 09 01
S 320 CDi (220.026/.126) (145 kW) Eng.OM613.960	00-9/02	**PA955**				613 200 06 01
S 350 (220.067/.167) (180 kW) Eng.M112.972	02-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
S 350 4-matic (220.087/.187) (180 kW) Eng.M112.975	03-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
S 430 (220.070/.170) (205 kW) Eng.M113.941/.948	98-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
S 500 (220.075/.175/.875) (225 kW) Eng.M113.960	98-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
S 500 4-matic (220.084/.184) (225 kW) Eng.M113.966	02-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
S 55 AMG (220.073/.173) (265 kW) Eng.M113.986	99-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
Classe S V Coupe (C215) '3/99-'9/05						
CL 500 (215.375) (225 kW) Eng.M113.960	99-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
CL 55 AMG (215.373) (265 kW) Eng.M113.986	99-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
Classe S VI (W221) '10/05-						
S 280 (221.054) (170 kW) Eng.M272.946	06-	**PA1027**				272 200 09 01
S 300 (221.054) (170 kW) Eng.M272.946	06-	**PA1027**				272 200 09 01
S 320 CDi (221.022) (173 kW) Eng.OM642.930	06-	**PA993**				642 200 10 01
S 320 CDi, 4-matic (155 kW) Eng.OM642.930	05-	**PA993**			Eng -4077759	642 200 10 01
	05-	**PA992**			Eng 4077760-	642 200 07 01/ 17 01
S 350 (221.087) (200 kW) Eng.M272.965	05-	**PA1027**				272 200 09 01
S 350 CDI (155 kW) Eng.OM642.930	09-	**PA992**				642 200 07 01/ 17 01
S 350 CDI (173 kW) Eng.OM642.930/.932	11-	**PA993**				642 200 10 01
S 450 (250 kW) Eng.M273.923	06-	**PA1029**				273 200 02 01
S 450 4-matic (250 kW) Eng.M273.923	05-	**PA1029**				273 200 02 01
S 500 (221.071, 221.171) (285 kW) Eng.M273.961	05-	**PA1029**				273 200 02 01
S 500 4-matic (285 kW) Eng.M273.961	05-	**PA1029**				273 200 02 01
Classe S VI Coupe (C216) '5/06-						
CL 500 (285 kW) Eng.M273.961/ .968	06-	**PA1029**				273 200 02 01
Classe S VII (W222) '7/13-						
S 350 Bluetec, Lunga (190 kW) Eng.OM642.861	13-	**PA992**				642 200 07 01/ 17 01
Classe V (638/2) '9/96-						
200 (638.214) (95 kW) Eng.M111.948	97-	**PA708**			M/T+A/T, Eng -002353	111 200 21 01,111 200 38 01
	97-	**PA709**			M/T+A/T, Eng 002354-	111 200 24 01/ 25 01/ 39 01
200 CDi (638.294) (75 kW) Eng.OM611.980	3/99-	**PA908**				611 200 04 01/ 10 01
220 CDi (638.294) (90 kW) Eng.OM611.980	3/99-	**PA908**				611 200 04 01/ 10 01
230 (638.234) (105 kW) Eng.M111.978	96-	**PA708**			M/T+A/T, Eng -001594	111 200 21 01,111 200 38 01
	96-	**PA709**			M/T+A/T, Eng 001595-	111 200 24 01/ 25 01/ 39 01
230 TD (638.274) (72 kW) Eng.OM601.970	96-	**PA448**				602 200 00 20/ 02 20/ 04 20
280 (638.244) (128 kW) Eng.M104.900	97-	**PA617**	•			000 200 03 01
CLC (C204) '6/08-						
160 (95 kW) Eng.M271.911	09-	**PA1107**				271 200 04 01/ 06 01/ 10 01
180 K (105 kW) Eng.M271.946	08-	**PA885**				271 200 02 01
200 CDi (90-110 kW) Eng.OM646.962/ .963	08-	**PA909**				646 200 03 01
200 K (135 kW) Eng.M271.940	08-	**PA885**				271 200 02 01
230 (150 kW) Eng.M272.920	08-	**PA1027**				272 200 09 01
350 (200 kW) Eng.M272.960	08-	**PA1027**				272 200 09 01
CLK I (C208) '6/97-'6/02						
200 (208.335) (100 kW) Eng.M111.941/945	97-02	**PA582**				111 200 04 01/ 40 01
200 K. (208.344) (120 kW) Eng.M111.956	00-02	**PA899**				111 200 42 01

PA582

PA687

PA710

PA711

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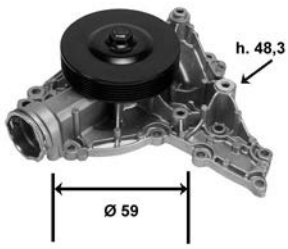
PA885

PA899

PA909

PA992



PA1027

PA1028

PA1029

PA1038

		GRAF ref.			NOTE	Adaptable for OES
200 K. (208.345) (132-141 kW) Eng.M111.944	97-00	**PA687**				111 200 23 01
230 K. (208.347) (142 kW) Eng.M111.973/975	97-00	**PA687**				111 200 23 01
230 K. (208.348) (145 kW) Eng.M111.982	00-02	**PA899**				111 200 42 01
320 (208.365) (160 kW) Eng.M112.940	97-02	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	97-02	**PA711**			California	112 200 05 01/ 10 01/ 15 01
430 (208.370) (205 kW) Eng.M113.943	98-02	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
55, AMG (255-260 kW) Eng.M113.984/ .981	98-02	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
CLK I Cabrio (A208) '3/98-'5/02						
200 (208.435) (100 kW) Eng.M111.941/945	98-02	**PA582**				111 200 04 01/ 40 01
200 K. (208.444) (120 kW) Eng.M111.956	00-02	**PA899**				111 200 42 01
200 K. (208.445) (132-141 kW) Eng.M111.944	98-00	**PA687**				111 200 23 01
230 K. (208.447) (142 kW) Eng.M111.973/975	98-00	**PA687**				111 200 23 01
230 K. (208.448) (145 kW) Eng.M111.982	00-02	**PA899**				111 200 42 01
320 (208.465) (160 kW) Eng.M112.940	98-02	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	98-02	**PA711**			California	112 200 05 01/ 10 01/ 15 01
430 (208.470) (205 kW) Eng.M113.943	98-02	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
55 AMG (208.474) (255 kW) Eng.M113.981/984	00-02	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
CLK II (C209) '6/02-						
200 CGI K. (209.343) (125 kW) Eng.M271.942	03-	**PA885**				271 200 02 01
200 K. (209.341) (135 kW) Eng.M271.940	1/07-	**PA885**				271 200 02 01
200 K. (209.342) (120 kW) Eng.M271.940	02-	**PA899**				111 200 42 01
220 CDi (209.308) (100-110 kW) Eng.OM646.963	05-	**PA909**				646 200 03 01
240 (120-125 kW) Eng.M112.912	02-09	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
270 CDi (209.316) (125 kW) Eng.OM612.962/967	02-	**PA752**				611 200 02 01,611 200 12 01
280 (209.354) (170 kW) Eng.M272.940	05-	**PA1027**				272 200 09 01
320 (209.365) (160 kW) Eng.M112.946	02-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
320 CDi (209.320) (165 kW) Eng.OM642.910	05-	**PA992**				642 200 07 01/ 17 01
350 (209.356) (200 kW) Eng.M272.960	-3/05	**PA1028**				272 200 04 01
	4/05-	**PA1027**				272 200 09 01
500 (209.372) (285 kW) Eng.M273.965	06-	**PA1029**				273 200 02 01
500 (209.375) (225 kW) Eng.M113.968	02-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
55 AMG (209.376) (270 kW) Eng.M113.987	02-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
DTM AMG (428 kW) Eng.M113.994	04-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
CLK II Cabrio (A209) '2/03-						
200 CGI (209.443) (125 kW) Eng.M271.942	03-	**PA885**				271 200 02 01
200 K. (135 kW) Eng.M271.940	07-	**PA885**				271 200 02 01
200 K. (209.442) (120 kW) Eng.M271.940	03-	**PA899**				111 200 42 01
240 (209.461) (125 kW) Eng.M112.912	03-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
270 CDi (120 kW) Eng.OM612.967	03-05	**PA752**				611 200 02 01,611 200 12 01
280 (170 kW) Eng.M272.940/.943	05-	**PA1027**				272 200 09 01
320 (209.465) (160 kW) Eng.M112.946	03-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
320 CDi (165 kW) Eng.OM642.910	07-	**PA992**				642 200 07 01/ 17 01
350 (200 kW) Eng.M272.960	-3/05	**PA1028**				272 200 04 01
	4/05-	**PA1027**				272 200 09 01
500 (285 kW) Eng.M273.967	06-	**PA1029**				273 200 02 01
500 (209.475) (225 kW) Eng.M113.968	03-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
54 AMG (428 kW) Eng.M113.994	04-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
55 AMG (209.476) (270 kW) Eng.M113.987	03-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
CLS (C219) '10/04-'12/10						
280 (170 kW) Eng.M272.947	08-	**PA1027**				272 200 09 01
300 (170 kW) Eng.M272.943	09-	**PA1027**				272 200 09 01
320 CDi (155-165 kW) Eng.OM642.910/.920	05-	**PA992**				642 200 07 01/ 17 01
350 (200 kW) Eng.M272.964	-3/05	**PA1028**				272 200 04 01
	4/05-	**PA1027**				272 200 09 01
350 (215 kW) Eng.M272.985	06-	**PA1038**				272 200 10 01
350 CDi (165 kW) Eng.OM642.940	05-	**PA992**				642 200 07 01/ 17 01
500 (225 kW) Eng.M113.967	04-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
500 SPORT (285 kW) Eng.M273.960	06-	**PA1029**				273 200 02 01

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		GRAF ref.			NOTE	Adaptable for OES
550 (285 kW) Eng.M273.960	06-	**PA1029**				273 200 02 01
Coupe II (C123) '3/77-'12/85						
230 C (123.043) (80 kW) Eng.M115.954	77-80	**PA134**				115 200 15 20
	77-80	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
230 CE (123.243) (100 kW) Eng.M102.980	80-82	**PA272**			M/T+A/T, Eng -094783	102 200 03 01/ 20,102 200 04 01/ 20 102 200 11 01/ 15 01/ 41 01/ 43 01
	82-85	**PA377**			M/T+A/T, Eng 094784-	102 200 01 20/ 08 01/ 09 01/ 42 01
280 C (123.050) (115 kW) Eng.M110.923	77-80	**PA119**				110 200 04 20/ 11 20/ 19 20
280 CE (123.053) (1KP136 kW) Eng.M110.988	77-85	**PA119**				110 200 04 20/ 11 20/ 19 20
300 CTD (123.153) (92 kW) Eng.OM617.952	81-85	**PA134**				115 200 15 20
	81-85	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
Coupe III (C124) '3/87-'3/89						
200 CE (124.041) (90 kW) Eng.M102.963	87-89	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
230 CE (124.043) (97-100 kW) Eng.M102.982	87-89	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
300 CE (124.045/.050) (132-138 kW) Eng.M103.983	87-89	**PA735**			Eng -018292	103 200 04 01/ 16 01/ 20 01
	87-89	**PA449**			Eng 018293-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
Coupe IV (C124) '3/89-'5/93						
200 CE (124.041) (90 kW) Eng.M102.963	92-93	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
220 CE (124.042) (110 kW) Eng.M111.960	89-93	**PA582**				111 200 04 01/ 40 01
300 CE (124.045/.050) (132-138 kW) Eng.M103.983	89-93	**PA735**			Eng -018292	103 200 04 01/ 16 01/ 20 01
	89-93	**PA449**			Eng 018293-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
300 CE-24 (124.051) (162-170 kW) Eng.M104.980	89-92	**PA580**				104 200 33 01/ 44 01/ 47 01
320 CE (124.052) (162 kW) Eng.M104.992	92-93	**PA580**				104 200 33 01/ 44 01/ 47 01
	92-93	**PA661**				104 200 28 01/ 45 01/ 49 01/ 54 01
Heckflosse (W110) '1/55-'12/68						
190 C (110.010) (48-50 kW) Eng.M121.924	55-59	**PA133**				115 200 01 20/ 12 20,121 200 11 20 127 200 02 20
SL I (R107) '5/71-'8/89						
280 SL (107.042) (1KP136 kW) Eng.M110.982/986/990	74-85	**PA134**				115 200 15 20
	74-85	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
300 SL (107.041) (132-138 kW) Eng.M103.982	85-89	**PA735**			Eng -001730	103 200 04 01/ 16 01/ 20 01
	85-89	**PA449**			Eng 001731-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
	85-89	**PA414A**			Eng 007506-	103 200 05 01/ 18 01/ 21 01/ 27 01/ 38 01
	85-89	**PA414A**			+KIT107, A/T, Eng -007505	103 200 05 01/ 18 01/ 21 01/ 27 01/ 38 01
350 SL (107.043) (143 kW) Eng.M116.982/984	71-80	**PA106**				117 200 02 01/ 03 01/ 08 01/ 28 01/ 38 01
420 SL (107.047) (150-160 kW) Eng.M116.964	86-89	**PA447**				116 200 11 01/ 12 01/ 13 01/ 14 01/ 16 01/ 17 01
450 SL (107.044) (160-165 kW) Eng.M117.982/985	72-80	**PA106**				117 200 02 01/ 03 01/ 08 01/ 28 01/ 38 01
500 SL (107.046) (164-170 kW) Eng.M117.960/964	80-85	**PA567**				117 200 17 01/ 29 01/ 33 01
	86-89	**PA447**				116 200 11 01/ 12 01/ 13 01/ 14 01/ 16 01/ 17 01
500 SL (107.046) (177-180 kW) Eng.M117.960	85-89	**PA447**				116 200 11 01/ 12 01/ 13 01/ 14 01/ 16 01/ 17 01
SL I Coupe (C107) '1/72-'9/81						
280 SLC (107.022) (1KP136 kW) Eng.M110.982/986/990	74-81	**PA134**				115 200 15 20
	74-81	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
350 SLC (107.023) (143-147 kW) Eng.M116.982/984	72-80	**PA106**				117 200 02 01/ 03 01/ 08 01/ 28 01/ 38 01
450 SLC (107.024) (160-165 kW) Eng.M117.982/985	73-79	**PA106**				117 200 02 01/ 03 01/ 08 01/ 28 01/ 38 01
SL II (R129) '3/89-'10/01						
280 (129.058) (142 kW) Eng.M104.943	93-01	**PA580**				104 200 33 01/ 44 01/ 47 01
280 (129.059) (150 kW) Eng.M112.923/925	98-01	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
300 SL (129.060) (140 kW) Eng.M103.984	89-93	**PA449**				103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
	89-93	**PA735**				103 200 04 01/ 16 01/ 20 01
300 SL-24 (129.061) (170 kW) Eng.M104.981	89-93	**PA450**				104 200 03 01/ 29 01
320 (129.063) (170 kW) Eng.M104.991	93-01	**PA580**				104 200 33 01/ 44 01/ 47 01
	93-01	**PA661**				104 200 28 01/ 45 01/ 49 01/ 54 01

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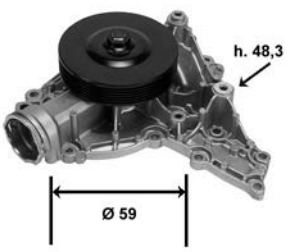

PA1027

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		GRAF ref.			NOTE	Adaptable for OES
320 (129.064) (165 kW) Eng.M112.943	98-01	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
500 (129.067) (235 kW) Eng.M119.972	92-01	**PA578**			Eng -013777	119 200 04 01/ 09 01/ 15 01
	92-01	**PA613**			Eng 013778-	119 200 21 01
500 (129.068) (225 kW) Eng.M113.961	98-01	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
	98-01	**PA711**			California	112 200 05 01/ 10 01/ 15 01
500 SL (129.066) (240 kW) Eng.M119.960/972	89-92	**PA578**				119 200 04 01/ 09 01/ 15 01
SL III (R230) '10/01-'2/12						
280 (170 kW) Eng.M272.947	08-	**PA1027**				272 200 09 01
300 (170 kW) Eng.M272.949	09-	**PA1027**				272 200 09 01
350 (200 kW) Eng.M272.966	06-	**PA1027**				272 200 09 01
350 (232 kW) Eng.M272.968	08-	**PA1027**				272 200 09 01
350 (230.467) (180 kW) Eng.M112.973	03-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
500 (285 kW) Eng.M273.965	06-	**PA1029**				273 200 02 01
500 (230.475) (225 kW) Eng.M113.963	01-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
SLK I (R170) '9/96-'2/04						
200 (170.435) (100 kW) Eng.M111.946	96-00	**PA582**				111 200 04 01/ 40 01
200 K. (170.444) (120 kW) Eng.M111.958	00-	**PA899**				111 200 42 01
200 K. (170.445) (141 kW) Eng.M111.943	96-00	**PA687**				111 200 23 01
230 K. (170.447) (142 kW) Eng.M111.973	96-00	**PA687**				111 200 23 01
230 K. (170.449) (145 kW) Eng.M111.983	00-	**PA899**				111 200 42 01
320 (170.465) (160 kW) Eng.M112.947	00-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
SLK II (R171) '3/04-						
200 K. (171.442) (120 kW) Eng.M271.944	3/04-3/08	**PA885**				271 200 02 01
280 (170 kW) Eng.M272.942	05-	**PA1027**				272 200 09 01
300 (170 kW) Eng.M272.942	09-	**PA1027**				272 200 09 01
350 (224 kW) Eng.M272.969	08-	**PA1027**				272 200 09 01
350 (171.456) (200 kW) Eng.M272.963	-3/05	**PA1028**				272 200 04 01
	3/05-	**PA1027**				272 200 09 01
55 AMG (171.473) (265 kW) Eng.M113.989	04-	**PA1173**				113 200 03 01
55 AMG (171.473) (294 kW) Eng.M113.989	06-11	**PA1173**				113 200 03 01
SLK III (R172) '4/11-						
200 CGi (135 kW) Eng.M271.861	11-	**PA1107**				271 200 04 01/ 06 01/ 10 01
250 CGi (150 kW) Eng.M271.860	11-	**PA1107**				271 200 04 01/ 06 01/ 10 01
T-Model I (W123) '1/76-'12/85						
200 (123.020) (62-69 kW) Eng.M115.938/939	76-80	**PA134**				115 200 15 20
	76-80	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
200 (123.220) (74-80 kW) Eng.M102.920/939	80-82	**PA272**			M/T+A/T, Eng -036023	102 200 03 01/ 20,102 200 04 01/ 20 102 200 11 01/ 15 01/ 41 01/ 43 01
	82-85	**PA377**			M/T+A/T, Eng 036024-	102 200 01 20/ 08 01/ 09 01/ 42 01
200 D (123.120) (40-44 kW) Eng.OM615.940	76-85	**PA134**				115 200 15 20
	76-85	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
220 D (123.126) (44-49 kW) Eng.OM615.941	76-79	**PA134**				115 200 15 20
	76-79	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
230 (123.023) (80 kW) Eng.M115.954	76-81	**PA134**				115 200 15 20
	76-81	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
230 E (123.223) (100 kW) Eng.M102.980	80-82	**PA272**			M/T+A/T, Eng -094783	102 200 03 01/ 20,102 200 04 01/ 20 102 200 11 01/ 15 01/ 41 01/ 43 01
	82-85	**PA377**			M/T+A/T, Eng 094784-	102 200 01 20/ 08 01/ 09 01/ 42 01
240 D (123.123) (48-53 kW) Eng.OM616.912	76-85	**PA134**				115 200 15 20
	76-85	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
250 (123.026) (95-103 kW) Eng.M123.921	76-85	**PA119**				110 200 04 20/ 11 20/ 19 20
280 (123.030) (115 kW) Eng.M110.923	76-81	**PA119**				110 200 04 20/ 11 20/ 19 20
280 E (136 kW) Eng.M110.984/988	76-85	**PA119**				110 200 04 20/ 11 20/ 19 20
280 E (123.033) (1KP136 kW) Eng.M110.988	76-85	**PA119**				110 200 04 20/ 11 20/ 19 20
300 D (123.130/.132/.150) (59-65 kW) Eng.OM617.912	76-85	**PA134**				115 200 15 20
	76-85	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
300 TD (123.133) (92 kW) Eng.OM617.952	81-85	**PA134**				115 200 15 20
	81-85	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20

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		GRAF ref.			NOTE	Adaptable for OES
T-Model I SW (S123) '9/77-'12/85						
200 T (123.280) (74-80 kW) Eng.M102.920/939	80-82	**PA272**			M/T+A/T, Eng -036023	102 200 03 01/ 20,102 200 04 01/ 20 102 200 11 01/ 15 01/ 41 01/ 43 01
	82-85	**PA377**			M/T+A/T, Eng 036024-	102 200 01 20/ 08 01/ 09 01/ 42 01
230 (123.083) (80 kW) Eng.M115.954	77-80	**PA134**				115 200 15 20
	77-80	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
230 (123.283) (100 kW) Eng.M102.980	80-82	**PA272**			M/T+A/T, Eng -094783	102 200 03 01/ 20,102 200 04 01/ 20 102 200 11 01/ 15 01/ 41 01/ 43 01
	82-85	**PA377**			M/T+A/T, Eng 094784-	102 200 01 20/ 08 01/ 09 01/ 42 01
240 D (123.183) (48-53 kW) Eng.OM616.912	77-85	**PA134**				115 200 15 20
	77-85	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
250 (123.086) (95-103 kW) Eng.M123.921	78-82	**PA119**				110 200 04 20/ 11 20/ 19 20
280 (123.093) (136 kW) Eng.M110.988	77-85	**PA119**				110 200 04 20/ 11 20/ 19 20
300 D (123.190) (59-65 kW) Eng.OM617.912	77-85	**PA134**				115 200 15 20
	77-85	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
300 TD (123.193) (92 kW) Eng.OM617.952	80-85	**PA134**				115 200 15 20
	80-85	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
T-Model II (W124) '12/84-'6/93						
200 (124.020) (75-77-80 kW) Eng.M102.922	85-90	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
200 D (124.120) (53-55 kW) Eng.OM601.912	84-93	**PA446**				601 200 02 20/ 09 20
200 E (124.019) (100 kW) Eng.M111.940	92-93	**PA582**				111 200 04 01/ 40 01
200 E (124.021) (87-90 kW) Eng.M102.963	88-92	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
220 E (124.022) (110 kW) Eng.M111.960	92-93	**PA582**				111 200 04 01/ 40 01
230 E (124.023), Kat (97-100 kW) Eng.M102.982	84-93	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
250 D (124.125) (66-69 kW) Eng.OM602.912	85-93	**PA448**				602 200 00 20/ 02 20/ 04 20
250 TD (124.128) (93 kW) Eng.OM602.962	88-93	**PA448**			Eng -020852	602 200 00 20/ 02 20/ 04 20
	88-93	**PA706**			Eng 020853-	605 200 01 20/ 03 20/ 05 20/ 08 20
260 E (124.026) (118-122 kW) Eng.M103.940	85-92	**PA735**			Eng -035731	103 200 04 01/ 16 01/ 20 01
	85-92	**PA449**			Eng 035732-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
260 E 4-matic (124.226) (118 kW) Eng.M103.943	86-92	**PA735**			Eng -000137	103 200 04 01/ 16 01/ 20 01
	86-92	**PA449**			Eng 000138-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
260 E 4-matic (124.226) (122 kW) Eng.M103.940	86-89	**PA735**			Eng -035731	103 200 04 01/ 16 01/ 20 01
	86-89	**PA449**			Eng 035732-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
280 E (124.028) (145 kW) Eng.M104.942	92-93	**PA580**			M/T+A/T	104 200 33 01/ 44 01/ 47 01
	92-93	**PA661**			M/T+A/T	104 200 28 01/ 45 01/ 49 01/ 54 01
300 D (124.130) (80-81-83 kW) Eng.OM603.912	84-93	**PA448**				602 200 00 20/ 02 20/ 04 20
300 D 4-matic (124.330) (80-83 kW) Eng.OM603.913	86-93	**PA448**				602 200 00 20/ 02 20/ 04 20
300 E, 4-matic (124.030) (132-138 kW) Eng.M103.980/983/985	85-93	**PA735**			Eng -018292	103 200 04 01/ 16 01/ 20 01
	85-93	**PA449**			Eng 018293-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
300 E-24 (124.031) (162-170 kW) Eng.M104.980	88-92	**PA608**			Eng -033510	104 200 08 01,104 200 31 01
	88-92	**PA450**			Eng 033511-	104 200 03 01/ 29 01
300 TD (124.133) (108 kW) Eng.OM603.960	86-93	**PA448**			Eng -054622	602 200 00 20/ 02 20/ 04 20
	86-93	**PA706**			Eng 054623-	605 200 01 20/ 03 20/ 05 20/ 08 20
300 TD, 4-matic (124.333) (105-108 kW) Eng.OM603.960/963	86-93	**PA448**				602 200 00 20/ 02 20/ 04 20
320 E (124.032) (162 kW) Eng.M104.992	92-93	**PA580**				104 200 33 01/ 44 01/ 47 01
	92-93	**PA661**				104 200 28 01/ 45 01/ 49 01/ 54 01
400 E 4.2 (124.034) (205 kW) Eng.M119.975	92-93	**PA578**			Eng -020770	119 200 04 01/ 09 01/ 15 01
	92-93	**PA613**			Eng 020771-	119 200 21 01
500 E (124.036) (240 kW) Eng.M119.974	91-93	**PA578**			Eng -010204	119 200 04 01/ 09 01/ 15 01
	91-93	**PA613**			Eng 010205-	119 200 21 01
T-Model II SW (S124) '9/85-'9/89						
200 (124.081) (87 kW) Eng.M102.963	88-89	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
200 D (124.180) (53-55 kW) Eng.OM601.912	85-89	**PA446**				601 200 02 20/ 09 20
200 T (124.080) (75-77-80 kW) Eng.M102.922	85-89	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
230, Kat. (124.083) (97-100 kW) Eng.M102.982	85-89	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01

PA446

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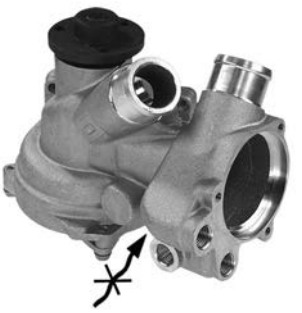
PA608



PA661

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PA710

PA735

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PA1006

PA1091

PA1098

		GRAF ref.			NOTE	Adaptable for OES
250 D (124.185) (66-69 kW) Eng.OM602.912	85-89	**PA448**				602 200 00 20/ 02 20/ 04 20
260 FGST. (118-122 kW) Eng.M103.940	85-89	**PA735**			Eng -035731	103 200 04 01/ 16 01/ 20 01
	85-89	**PA449**			Eng 035732-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
300 (124.090) (132-138 kW) Eng.M103.983	86-89	**PA735**			Eng -018292	103 200 04 01/ 16 01/ 20 01
	86-89	**PA449**			Eng 018293-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
300 4-matic (124.290) (132-138 kW) Eng.M103.985	86-89	**PA735**			Eng -000582	103 200 04 01/ 16 01/ 20 01
	86-89	**PA449**			Eng 000583-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
300 D (124.190) (80-81-83 kW) Eng.OM603.912	86-89	**PA448**				602 200 00 20/ 02 20/ 04 20
300 TD, 4-matic (124.193) (108 kW) Eng.OM603.960	1/89-9/89	**PA448**			Eng -054622	602 200 00 20/ 02 20/ 04 20
	1/89-9/89	**PA706**			Eng 054623-	605 200 01 20/ 03 20/ 05 20/ 08 20
300 TD, 4-matic (124.393) (105 kW) Eng.OM603.963	86-89	**PA448**				602 200 00 20/ 02 20/ 04 20
T-Model III SW (S124) '9/89-'6/93						
200 (124.080) (75-77-80 kW) Eng.M102.922	89-90	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
200 (124.081) (87 kW) Eng.M102.963	89-92	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
200 D (124.180) (53-55 kW) Eng.OM601.912	89-91	**PA446**				601 200 02 20/ 09 20
230, Kat. (124.083) (97-100 kW) Eng.M102.982	89-92	**PA495**				102 200 05 20/ 06 20/ 09 20/ 39 01 102 200 49 01/ 50 01/ 62 01
250 D (124.185) (66-69 kW) Eng.OM602.912	89-93	**PA448**				602 200 00 20/ 02 20/ 04 20
250 TD (124.188) (93 kW) Eng.OM602.962	89-93	**PA448**			Eng -020852	602 200 00 20/ 02 20/ 04 20
	89-93	**PA706**			Eng 020853-	605 200 01 20/ 03 20/ 05 20/ 08 20
260 FGST. (118-122 kW) Eng.M103.940	89-92	**PA735**			Eng -035731	103 200 04 01/ 16 01/ 20 01
	89-92	**PA449**			Eng 035732-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
280 (124.088) (145 kW) Eng.M104.942	92-93	**PA580**			M/T+A/T	104 200 33 01/ 44 01/ 47 01
	92-93	**PA661**			M/T+A/T	104 200 28 01/ 45 01/ 49 01/ 54 01
300 (124.090) (132-138 kW) Eng.M103.983/.985	89-93	**PA735**			Eng -018292	103 200 04 01/ 16 01/ 20 01
	89-93	**PA449**			Eng 018293-	103 200 07 01/ 17 01/ 20 01/ 26 01/ 37 01
300 D (124.190) (80-81-83 kW) Eng.OM603.912	89-93	**PA448**				602 200 00 20/ 02 20/ 04 20
300 TD, 4-matic (124.193) (108 kW) Eng.OM603.960	89-93	**PA448**			Eng -054622	602 200 00 20/ 02 20/ 04 20
	89-93	**PA706**			Eng 054623-	605 200 01 20/ 03 20/ 05 20/ 08 20
300 TD, 4-matic (124.393) (105 kW) Eng.OM603.963	89-93	**PA448**				602 200 00 20/ 02 20/ 04 20
300-24 (124.091) (162-170 kW) Eng.M104.980	89-92	**PA608**			Eng -033510	104 200 08 01,104 200 31 01
	89-92	**PA450**			Eng 033511-	104 200 03 01/ 29 01
320 (124.092) (162 kW) Eng.M104.992	92-93	**PA580**				104 200 33 01/ 44 01/ 47 01
	92-93	**PA661**				104 200 28 01/ 45 01/ 49 01/ 54 01
Vaneo (W414) '2/02-						
1.6 (60 kW) Eng.M166.961	2/02-	**PA736**				166 200 06 20/ 07 20
1.6 (75 kW) Eng.M166.961	2/02-	**PA736**				166 200 06 20/ 07 20
1.7 CDi (55-67 kW) Eng.OM668.914	2/02-	**PA736**				166 200 06 20/ 07 20
1.9 (92 kW) Eng.M166.991	2/02-	**PA736**				166 200 06 20/ 07 20
Viano (W639) '9/03-						
2.0 CDI 4-matic (85 kW) Eng.OM646.982	06-	**PA1006**				646 200 10 01
2.2 CDi (85 kW) Eng.OM646.980	05-	**PA1006**				646 200 10 01
2.2 CDi, 4-matic (110 kW) Eng.OM646.982	03-	**PA1006**				646 200 10 01
2.2 CDi, 4-matic (80 kW) Eng.OM646.982	03-	**PA1006**				646 200 10 01
3.0 CDi (150 kW) Eng.OM642.990	06-	**PA993**			Eng -4077759	642 200 10 01
	06-	**PA992**			Eng 4077760-	642 200 07 01/ 17 01
3.0 CDi (165 kW) Eng.OM642.990	10-	**PA992**				642 200 07 01/ 17 01
3.2 (140-160 kW) Eng.M112.951	03-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
3.5 (190 kW) Eng.M272.979	07-	**PA1098**				272 200 13 01,272 200 16 01
3.7 (165-170 kW) Eng.M112.976	04-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01

MERCEDES BENZ LCV, TRUCK

Citan (415) '11/12-						
108 CDI (55 kW) Eng.OM607.951	12-	**PA1091**		•		607 200 00 07
109 CDI (66 kW) Eng.OM607.951	12-	**PA1091**		•		607 200 00 07
111 CDI (81 kW) Eng.OM607.951	13-	**PA1091**		•		607 200 00 07

PA870	**PA871**	**PA872**	**PA873**

		GRAF ref.			NOTE	Adaptable for OES
LP-LPK-LPS-LPO '1/67-'3/77						
911 (81 kW) Eng.OM352.907/986/911/353.909	67-77	**PA870**				353 200 56 01
O 301 '2/86-'5/87						
O 301 (100 kW) Eng.OM366.917	86-91	**PA871**				366 200 59 01
O 301 (125 kW) Eng.OM366.965	86-91	**PA871**				366 200 59 01
O 303 '1/74-'12/92						
11.0 D (159 kW) Eng.OM421.908	85-99	**PA872**				403 200 73 01
11.0 D (184 kW) Eng.OM421.951	85-99	**PA872**				403 200 73 01
12.7 D (188 kW) Eng.OM402.907	75-99	**PA872**				403 200 73 01
14.6 D (206 kW) Eng.OM422.908/.917	87-99	**PA872**				403 200 73 01
14.6 D (243 kW) Eng.OM422.951	87-99	**PA872**				403 200 73 01
14.6 D (243 kW) Eng.OM422.963	87-99	**PA872**				403 200 73 01
14.6 D (260 kW) Eng.OM442.954/955/960/961	87-92	**PA872**				403 200 73 01
9.6 D (141 kW) Eng.OM401.912	74-99	**PA872**				403 200 73 01
O 305 '1/69-'12/87						
11.0 D (132 kW) Eng.OM407.905/908	73-77	**PA872**				403 200 73 01
11.0 D (206 kW) Eng.OM407.951/955	73-77	**PA872**				403 200 73 01
8.7 D (125 kW) Eng.OM360.911	73-77	**PA872**				403 200 73 01
O 307 '1/73-'12/77						
11.0 D (132 kW) Eng.OM407.905	73-77	**PA872**				403 200 73 01
O 340 '1/91-'8/95						
Tourismo (280 kW) Eng.OM402.984/.995	75-99	**PA872**				403 200 73 01
O 350 Tourismo '8/95-						
Tourismo (280 kW) Eng.OM402.970	75-99	**PA872**				403 200 73 01
O 404 '9/91-'11/92						
11.3 D (151 kW) Eng.OM441.922	73-77	**PA872**				403 200 73 01
O 405 '1/84-						
12.0 D (150-170 kW) Eng.OM427H	84-01	**PA872**				403 200 73 01
12.0 D (150 kW) Eng.OM447.905/911/913/914/970/973	84-01	**PA872**				403 200 73 01
12.0 D (177 kW) Eng.OM447.907/908/910/956/957/971/974	84-01	**PA872**				403 200 73 01
12.0 D (177 kW) Eng.OM447.955/959/976/978	84-01	**PA872**				403 200 73 01
12.0 D (206 kW) Eng.OM447.950	84-01	**PA872**				403 200 73 01
O 407 '1/85-						
12.0 D (177 kW) Eng.OM447.906/954/990	84-01	**PA872**				403 200 73 01
O 408 '1/91-'12/98						
O 408 (184 kW) Eng.OM447.912/.958/.992	84-01	**PA872**				403 200 73 01
O 408 (220 kW) Eng.OM447.987/.993	84-01	**PA872**				403 200 73 01
Serie LK-LN2 '1/84-'12/98						
1114,1117 Eng.OM356/357	84-98	**PA871**				366 200 59 01
1120,1124 Eng.OM356/357	84-98	**PA871**				366 200 59 01
1217 Eng.OM356/357	84-98	**PA871**				366 200 59 01
1314,1317,1320,1324 Eng.OM356/357	84-98	**PA871**				366 200 59 01
1514,1517,1520,1524 Eng.OM356/357	84-98	**PA871**				366 200 59 01
814,817,914,917 Eng.OM356/357	84-98	**PA871**				366 200 59 01
Serie MK '12/87-'9/96						
1222,1226,1234 Eng.OM445/441	89-96	**PA873**				403 200 71 01
1224 AF,1226,1227,1422,1424,1722,1726,1824 (180-200-230 kW) Eng.OM401	87-96	**PA873**				403 200 71 01
1224,1417,1420 Eng.OM356/357	87-96	**PA871**				366 200 59 01
1226,1426,1722,1726,2426,2527 Eng.OM442/440	87-96	**PA873**				403 200 71 01
1422,1722,1726,1824,1827,1831 Eng.OM401	87-96	**PA873**				403 200 71 01
1422,1722,2422 Eng.OM441	87-96	**PA873**				403 200 71 01
1717,1720,1722,1820,2420 Eng.OM356/357	87-96	**PA871**				366 200 59 01

PA448	**PA677**	**PA870**	**PA871**
PA873	**PA874**	**PA888**	**PA1059**

		GRAF ref.			NOTE	Adaptable for OES
1733,1824,1827,1831,1834,2524,2527,2531,2534,2426,2433 Eng.OM445/441	87-96	**PA873**				403 200 71 01
2426,2524,2527,2531 Eng.OM401	87-96	**PA873**				403 200 71 01
Serie NG '8/73-'9/96						
1219 A,K,1419,1619,1719,1919,2219 (141 kW) Eng.OM401.906/905/915/918/919/914	89-96	**PA873**				403 200 71 01
1219 A,K,1419,1619,1719,1919,2219 (141 kW) Eng.OM401.909/916/923/925/926	89-96	**PA873**				403 200 71 01
1414,1420,1614,1620,2220 Eng.OM366	84-91	**PA871**				366 200 59 01
1417 Eng.OM353	75-84	**PA870**				353 200 56 01
1417 C,CA,CK,CAK,1617 (125 kW) Eng.OM366.951	84-91	**PA871**				366 200 59 01
1424 F,1624,2224 (176 kW) Eng.OM402.911/910/914/919/923/927/928	75-87	**PA873**				403 200 71 01
1626,1926,2026,2226,2626 (188 kW) Eng.OM402.906/910/911/912/916	74-87	**PA873**				403 200 71 01
1632,1932,2032,2232,2632 (235 kW) Eng.OM403.916/932/931/935	74-83	**PA873**				403 200 71 01
1928,1933,1425,1938,2025,2028,2033 (206-243-184-276 kW) Eng.OM422	80-91	**PA873**				403 200 71 01
1936 AS,AK,2036,1636,2236,2636,3250,3 (261-368 kW) Eng.OM423.905/906/907/908	81-96	**PA873**				403 200 71 01
2226,L,S,LS,2626 (188 kW) Eng.OM402.924/926	74-80	**PA873**				403 200 71 01
2228,2233,2238,2628,2633,2638 (206-243-184-276 kW) Eng.OM422	80-91	**PA873**				403 200 71 01
3025 B (184 kW) Eng.OM422.920	85-91	**PA873**				403 200 71 01
3025 B,3028,3228,3328,3528 (184-206 kW) Eng.OM422.919/921	85-91	**PA873**				403 200 71 01
3250 A,AF,3850 (368 kW) Eng.OM423.950/951	85-94	**PA874**				422 200 10 01
3328 K,B (206 kW) Eng.OM422.914	82-87	**PA873**				403 200 71 01
3333,B,K (243 kW) Eng.OM422.954	80-91	**PA873**				403 200 71 01
813,911,913 Eng.OM352/353	73-96	**PA870**				353 200 56 01
Serie SK '1/81-'9/96						
1224,1226,2024 (180-200-230 kW) Eng.OM401.975/979/984	93-	**PA873**				403 200 71 01
1735,1748,1838,1844,1935,1948 Eng.OM440/446	87-96	**PA873**				403 200 71 01
1735,1935,2435,2635,3235,3535 (250-260-269 kW) Eng.OM442	88-94	**PA873**				403 200 71 01
1831,2024,2031,2629,2631 Eng.OM401/445/441	87-96	**PA873**				403 200 71 01
1838,1840 Eng.OM402/440	91-96	**PA873**				403 200 71 01
1922 (151-160 kW) Eng.OM441.905/914/923/926	89-94	**PA873**				403 200 71 01
1935 S,K,AS,AK (250-260-269 kW) Eng.OM442.942,944,963,964,976	89-94	**PA873**				403 200 71 01
2024,2031,2631 Eng.OM445/441	89-96	**PA873**				403 200 71 01
2031,2038,2044,2050 Eng.OM440/446	87-96	**PA873**				403 200 71 01
2031,2038,2538,2629,2635,2638 Eng.OM402/440	91-96	**PA873**				403 200 71 01
2435,2448,2538,2544,2550,2553 Eng.OM440/446	87-96	**PA873**				403 200 71 01
2629,2635,2638,2644,2650, Eng.OM440/446	87-96	**PA873**				403 200 71 01
3233,3234,3534 Eng.OM445/441	89-96	**PA873**				403 200 71 01
3238,3535 Eng.OM402/440	91-96	**PA873**				403 200 71 01
Serie T2 '1/68-'12/89						
L613 D (96 kW) Eng.OM353.963/966	77-88	**PA870**				353 200 56 01
Sprinter I 2-T (901, 902) '2/95-'5/06						
208 CDi (60 kW) Eng.OM611.987	00-	**PA888**				611 200 05 01/ 08 01/ 11 01
208 D (58-60 kW) Eng.OM601.943	95-00	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
210 D (75 kW) Eng.OM602.980	97-00	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
211 CDi (80 kW) Eng.OM611.981	4/00-	**PA888**				611 200 05 01/ 08 01/ 11 01
212 D (90 kW) Eng.OM602.980	95-00	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
213 CDi (95 kW) Eng.OM611.981	00-	**PA888**				611 200 05 01/ 08 01/ 11 01
214, NGT (92-105 kW) Eng.M111.979/.984	95-06	**PA677**				111 200 22 01/ 41 01/ 41 01 80
216 CDi (115 kW) Eng.OM612.981	04-06	**PA1059**				647 200 01 01
	4/00-04	**PA888**				611 200 05 01/ 08 01/ 11 01
Sprinter I 3-T (903) '2/95-'5/06						
308 CDi (60 kW) Eng.OM611.987	00-	**PA888**				611 200 05 01/ 08 01/ 11 01
308 D 2.3 (60 kW) Eng.OM601.943	95-00	**PA888**				611 200 05 01/ 08 01/ 11 01
308 D 2.3, 4WD (58 kW) Eng.OM601.943	95-00	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
310 D 2.9, 4WD (75 kW) Eng.OM602.980	95-00	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
311 CDi, 4WD (80 kW) Eng.OM611.981	4/00-	**PA888**				611 200 05 01/ 08 01/ 11 01
312 D 2.9, 4WD (90 kW) Eng.OM602.980	95-02	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
313 CDi, 4WD (95 kW) Eng.OM611.981	00-	**PA888**				611 200 05 01/ 08 01/ 11 01
314, 4WD (105 kW) Eng.M111.979/984	95-	**PA677**				111 200 22 01/ 41 01/ 41 01 80

PA105

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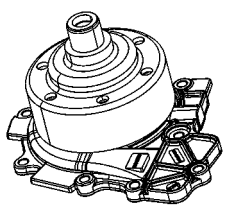


PA1197

		GRAF ref.			NOTE	Adaptable for OES
316 CDi, 4WD (115 kW) Eng.OM612.981	04-06	**PA1059**				647 200 01 01
	4/00-04	**PA888**				611 200 05 01/ 08 01/ 11 01
Sprinter I 4-T (904) '2/96-'5/06						
408 CDi (60 kW) Eng.OM611.987	00-	**PA888**				611 200 05 01/ 08 01/ 11 01
408 D, 4WD (58 kW) Eng.OM601.943	96-	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
410 D, 4WD (75 kW) Eng.OM602.980	97-	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
411 CDi, 4WD (80 kW) Eng.OM611.981	4/00-	**PA888**				611 200 05 01/ 08 01/ 11 01
412 D, 4WD (85-90 kW) Eng.OM602.980	96-	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
413 CDi, 4WD (95 kW) Eng.OM611.981	96-	**PA888**				611 200 05 01/ 08 01/ 11 01
414, 4WD (105 kW) Eng.M111.979/984	96-	**PA677**				111 200 22 01/ 41 01/ 41 01 80
416 CDi, 4WD (115 kW) Eng.OM612.981	04-06	**PA1059**				647 200 01 01
	4/00-04	**PA888**				611 200 05 01/ 08 01/ 11 01
Sprinter II 3,5-T (906) '6/06-						
309 CDi (65 kW) Eng.OM646.984	06-	**PA1006**				646 200 10 01
310 CDi (70 kW) Eng.OM651.955	09-	**PA1197**				651 200 23 01
311 CDi, 4WD (80 kW) Eng.OM646.985	06-	**PA1006**				646 200 10 01
313 CDi (95 kW) Eng.OM651.955	06-	**PA992**				642 200 07 01/ 17 01
	06-	**PA1197**				651 200 23 01
315 CDi, 4WD (110 kW) Eng.OM646.984	06-	**PA1006**				646 200 10 01
316 CDi, 4WD (120 kW) Eng.OM651.957	09-	**PA1197**				651 200 23 01
316, NGT/LGT (115 kW) Eng.M271.951	08-	**PA1109**				271 200 05 01,271 200 09 01
318 CDi, 4WD (135 kW) Eng.OM646.992	06-	**PA993**				642 200 10 01
319 CDi, 4WD (140 kW) Eng.OM642.992	09-	**PA992**				642 200 07 01/ 17 01
324 (190 kW) Eng.M272.979	06-	**PA1098**				272 200 13 01,272 200 16 01
Sprinter II 3-T (906) '6/06-						
209 CDi (65 kW) Eng.OM646.984	06-	**PA1006**				646 200 10 01
210 CDi (70 kW) Eng.OM651.955	09-	**PA1197**				651 200 23 01
211 CDi (80 kW) Eng.OM646.984.985	06-	**PA1006**				646 200 10 01
213 CDi (95 kW) Eng.OM646.DELA	06-	**PA992**				642 200 07 01/ 17 01
	09-	**PA1197**				651 200 23 01
215 CDi (110 kW) Eng.OM646.986	06-	**PA1006**				646 200 10 01
216 (115 kW) Eng.M271.951	09-	**PA1109**				271 200 05 01,271 200 09 01
216 CDi (120 kW) Eng.OM651.957	09-	**PA1197**				651 200 23 01
218 CDi (135 kW) Eng.OM642.992	06-	**PA992**				642 200 07 01/ 17 01
224 (190 kW) Eng.M272.979	06-	**PA1098**				272 200 13 01,272 200 16 01
Sprinter II 4,6-T (906) '6/06-						
409/411 CDi (65-80 kW) Eng.OM646.DELA	06-	**PA1006**				646 200 10 01
413 CDi (95 kW) Eng.OM646.DELA	06-	**PA1006**				646 200 10 01
	06-	**PA1197**				651 200 23 01
415 CDi (110 kW) Eng.OM646.DELA	06-	**PA1006**				646 200 10 01
416 CDi (120 kW) Eng.OM651.957	09-	**PA1197**				651 200 23 01
418 CDi (135 kW) Eng.OM642.DELA	06-	**PA992**				642 200 07 01/ 17 01
424 (190 kW) Eng.M272.979	06-	**PA1098**				272 200 13 01,272 200 16 01
Sprinter II 5-T (906) '6/06-						
509 CDi (65 kW) Eng.OM646.984	06-	**PA1006**				646 200 10 01
510 CDi (70 kW) Eng.OM651.955	09-	**PA1197**				651 200 23 01
511 CDi, 4WD (80 kW) Eng.OM646.985	06-	**PA1006**				646 200 10 01
513 CDi (95 kW) Eng.OM646.DELA	06-	**PA992**				642 200 07 01/ 17 01
	06-	**PA1197**				651 200 23 01
515 CDi (110 kW) Eng.OM646.989	06-	**PA1006**				646 200 10 01
516, NGT (115 kW) Eng.M271.951	08-	**PA1109**				271 200 05 01,271 200 09 01
516 CDi, 4WD (120 kW) Eng.OM651.957	09-	**PA1197**				651 200 23 01
518 CDi, 4WD (135 kW) Eng.OM642.896	06-	**PA992**				642 200 07 01/ 17 01
524 (190 kW) Eng.M272.979	06-	**PA1098**				272 200 13 01,272 200 16 01
Trasporter (BM601) '5/77-'1/95						
207 D (48 kW) Eng.OM616.917/934	77-82	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20

PA105

PA134

PA272

PA407

PA448

PA708

PA709

PA710

PA870

PA903

PA908

PA992

PA1006

PA1098

		GRAF ref.			NOTE	Adaptable for OES
207 D (53 kW) Eng.OM616.937/939	77-82	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
208 (63 kW) Eng.M115.955/972	77-95	**PA134**				115 200 15 20
	77-95	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
208 D (58-60 kW) Eng.OM601.940	89-95	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
209 D (65 kW) Eng.OM617.913	82-90	**PA407**				617 200 05 20/ 06 20/ 07 20
210 (70-77 kW) Eng.M102.945/942	77-95	**PA272**				102 200 03 01/ 20,102 200 04 01/ 20 102 200 11 01/ 15 01/ 41 01/ 43 01
Trasporter (BM602) '5/77-'1/95						
307 D (48-53 kW) Eng.OM616.937/.939/.917	77-81	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
308 D (58-60 kW) Eng.OM601.940	83-95	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
309 D (65 kW) Eng.OM617.913	82-89	**PA407**				617 200 05 20/ 06 20/ 07 20
310 D (70-72 kW) Eng.OM601.940	83-95	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
Trasporter (BM611) T1/TN '6/73-'1/95						
407 D (52-64 kW) Eng.OM616.910/917	73-81	**PA105**			+RB	110 200 01 20/ 09 20/ 17 20
408 D (57-59 kW) Eng.OM601.940	83-95	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
409 D (52-64 kW) Eng.OM617.913	81-89	**PA407**				617 200 05 20/ 06 20/ 07 20
410 D (70-72 kW) Eng.OM601.940	83-95	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
Trasporter (BM667) '6/81-'1/95						
508 D (57-59 kW) Eng.OM601.940/941	83-95	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
Unimog '1/73-'12/00						
1150L (92 kW) Eng.OM353.907	77-88	**PA870**				353 200 56 01
1200 (92 kW) Eng.OM353.973/.995	77-88	**PA870**				353 200 56 01
125,1100L (92 kW) Eng.OM353.907	77-88	**PA870**				353 200 56 01
1250/1300 (92 kW) Eng.OM353.973/.995	77-88	**PA870**				353 200 56 01
1300,1300L (92-96 kW) Eng.OM353.961/.973	77-88	**PA870**				353 200 56 01
1550L (92-96 kW) Eng.OM353.961/.995	77-88	**PA870**				353 200 56 01
Vito I (638) '3/97-'8/03						
108 CDi 2.2 (60 kW) Eng.OM611A	3/99-	**PA908**				611 200 04 01/ 10 01
108 D 2.3 (638.064) (58 kW) Eng.OM601.942	97-	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
110 CDi 2.2 (75 kW) Eng.OM611LA	3/99-	**PA908**				611 200 04 01/ 10 01
110 D 2.3 (638.074) (72 kW) Eng.OM601.970	97-	**PA448**				602 200 00 20/ 02 20/ 04 20,603 200 00 20
112 CDi 2.2 (90 kW) Eng.OM611.980	3/99-	**PA908**				611 200 04 01/ 10 01
113 2.0 (638.014) (95 kW) Eng.M111.948	97-	**PA708**			M/T+A/T, Eng -002353	111 200 21 01,111 200 38 01
	97-	**PA709**			M/T+A/T, Eng 002354-	111 200 24 01/ 25 01/ 39 01
114 2.3 (638.034) (105 kW) Eng.M111.978	97-	**PA708**			M/T+A/T, Eng -001594	111 200 21 01,111 200 38 01
	97-	**PA709**			M/T+A/T, Eng 001595-	111 200 24 01/ 25 01/ 39 01
Vito II (639) '9/03-						
109 CDi 2.2 (65 kW) Eng.OM646.983	03-	**PA1006**				646 200 10 01
109 CDi 2.2, 4WD (70 kW) Eng.OM646.980/981	07-	**PA1006**				646 200 10 01
111 CDi 2.2 (85 kW) Eng.OM646.980/982	9/07-	**PA1006**				646 200 10 01
111 CDi 2.2, 4WD (80 kW) Eng.OM646.982	03-	**PA1006**				646 200 10 01
115 CDi 2.2, 4WD (110 kW) Eng.OM646.982	03-	**PA1006**				646 200 10 01
119 (140 kW) Eng.M112.951	03-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
120 CDi (150 kW) Eng.OM642.990	03-	**PA992**				642 200 07 01/ 17 01
122 3.2 (160 kW) Eng.M112.951	03-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
122 CDi (165 kW) Eng.OM642.890	10-	**PA992**				642 200 07 01/ 17 01
123 (165-170 kW) Eng.M112.976	04-	**PA710**				112 200 01 23/ 02 01/ 04 01/ 11 01/ 14 01
126 (190 kW) Eng.M272.978	07-	**PA1098**				272 200 13 01,272 200 16 01

MERCURY

Mariner '1/05-'12/10						
2.3	05-08	**PA903**				-
2.5	09-10	**PA903**				-
Milan '1/06-'12/10						
2.3	06-09	**PA903**				-
2.5	10/10-12/10	**PA903**				-

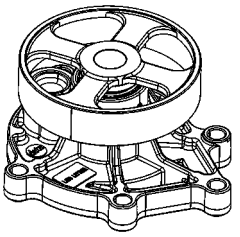
PA860

PA890

PA938

PA985

PA994



PA1189

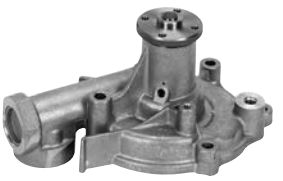
KP938-1

		GRAF ref.			NOTE	Adaptable for OES
Mini I (R50, R53) '6/01-'10/06						
1.4 (55 kW) Eng.W10B14A	03-06	**PA860**			+BH	11 51 1 485 846,11 51 7 510 803 11 51 7 513 062,11 51 7 829 914/ 922
1.4 One D (55 kW) Eng.1ND/W17	03-05	**PA890**				11 51 7 790 871
1.4 One D (65 kW) Eng.1ND/W17	05-	**PA890**				11 51 7 790 871
1.6 Cooper (85 kW) Eng.W10B16A	01-	**PA860**			+BH	11 51 1 485 846,11 51 7 510 803 11 51 7 513 062,11 51 7 829 914/ 922
1.6 Cooper S (120 kW) Eng.W11B16A	02-	**PA985**			+BH	11 51 7 520 123
1.6 Cooper S (125 kW) Eng.W11B16A	04-	**PA985**			+BH	11 51 7 520 123
1.6 Cooper Works (155 kW) Eng.W11B16A	03-	**PA985**			+BH	11 51 7 520 123
1.6 One (66 kW) Eng.W10B16A	01-	**PA860**			+BH	11 51 1 485 846,11 51 7 510 803 11 51 7 513 062,11 51 7 829 914/ 922
1.6 S Works (147 kW) Eng.W11B16A	03-05	**PA985**				11 51 7 520 123
Mini I Cabrio (R52) '7/04-'2/07						
1.6 Cooper (85 kW) Eng.W10B16A	04-07	**PA860**			+BH	11 51 1 485 846,11 51 7 510 803 11 51 7 513 062,11 51 7 829 914/ 922
1.6 Cooper S (125 kW) Eng.W11B16A	04-	**PA985**			+BH	11 51 7 520 123
1.6 One (66 kW) Eng.W10B16A	04-07	**PA860**			+BH	11 51 1 485 846,11 51 7 510 803 11 51 7 513 062,11 51 7 829 914/ 922
1.6 Works (155 kW) Eng.W11B16A	05-07	**PA985**				11 51 7 520 123
Mini II Clubman (R55) '11/07-						
1.4 (70 kW) Eng.N12B14A	10/11/12	**PA994**				11 51 7 550 484
1.6 (120 kW) Eng.N14B16A	07-11/12	**PA994**				11 51 7 550 484
1.6 Clubman D (66 kW) Eng.N47C16A	10-	**PA1189**				11 51 8 512 443
1.6 Cooper (141-155 kW) Eng.W11B16AW	08-11/12	**PA994**				11 51 7 550 484
1.6 Cooper (85-90 kW) Eng.N16B16A	10-11/12	**PA994**				11 51 7 550 484
1.6 Cooper (88 kW) Eng.N12B16A	07-11/12	**PA994**				11 51 7 550 484
1.6 Cooper Clubman D (82 kW) Eng.N47C16A	10-	**PA1189**				11 51 8 512 443
1.6 Cooper D (80 kW) Eng.9HZ	07-	**PA938**		•		11 51 7 805 992
1.6 Cooper S (128 kW) Eng.N14B16A	07-11/12	**PA994**				11 51 7 550 484
1.6 Cooper S (135-147 kW) Eng.N18B16A	10-11/12	**PA994**				11 51 7 550 484
1.6 One (72 kW) Eng.N16B16A	10-11/12	**PA994**				11 51 7 550 484
2.0 Cooper SD (100 kW) Eng.N47C20A	11-	**PA1189**				11 51 8 512 443
2.0 D Cooper (82 kW) Eng.N47C20A	11-	**PA1189**				11 51 8 512 443
2.0 SD Cooper (105 kW) Eng.N47C20A	11-	**PA1189**				11 51 8 512 443
Mini II, Cabrio (R56, R57) '11/06-						
1.4 One (55 kW) Eng.N12B14A	09-11/12	**PA994**				11 51 7 550 484
1.4 One (70 kW) Eng.N12B14A	3/07-	**PA994**				11 51 7 550 484
1.6 Cooper (160 kW) Eng.N14B16C	07-11/12	**PA994**				11 51 7 550 484
1.6 Cooper (90 kW) Eng.N16B16A	10-11/12	**PA994**				11 51 7 550 484
1.6 Cooper D (80 kW) Eng.9HZ	07-	**PA938**		•		11 51 7 805 992
	3/07-	**KP938-1**		•	Belt:137x25,4, PA938	11 51 7 805 992
1.6 Cooper D (82 kW) Eng.N47C16A	10-	**PA1189**				11 51 8 512 443
1.6 Cooper S (120 kW) Eng.N18B16A	10-11/12	**PA994**				11 51 7 550 484
1.6 Cooper S (135 kW) Eng.N18B16A	10-11/12	**PA994**				11 51 7 550 484
1.6 Cooper S, Cabrio (128 kW) Eng.N14B16A	06-11/12	**PA994**				11 51 7 550 484
1.6 Cooper, Cabrio (155 kW) Eng.W11B16AW	08-	**PA994**				11 51 7 550 484
1.6 Cooper, Cabrio (85 kW) Eng.N16B16A	10-11/12	**PA994**				11 51 7 550 484
1.6 Cooper, Cabrio (88 kW) Eng.N12B16A	06-11/12	**PA994**				11 51 7 550 484
1.6 D (66 kW) Eng.N47C16A	09-	**PA1189**				11 51 8 512 443
1.6 One (55 kW) Eng.N16B16A	10-11/12	**PA994**				11 51 7 550 484
1.6 One, Cabrio (72 kW) Eng.N16B16A	09-11/12	**PA994**				11 51 7 550 484
Mini III Countryman (R60), Paceman (R61) '6/10-						
1.6 Cooper (85 kW) Eng.N16B16A	10-11/12	**PA994**				11 51 7 550 484
1.6 Cooper D, All4 (82 kW) Eng.N47C16A	10-	**PA1189**				11 51 8 512 443
1.6 Cooper S All4 (120 kW) Eng.N18B16A	10-11/12	**PA994**				11 51 7 550 484
1.6 Cooper, All4 (90 kW) Eng.N16B16A	10-11/12	**PA994**				11 51 7 550 484
1.6 One (72 kW) Eng.N16B16A	10-11/12	**PA994**				11 51 7 550 484
1.6 One D (66 kW) Eng.N47C16A	10-	**PA1189**				11 51 8 512 443

PA531

PA697

PA782



PA789

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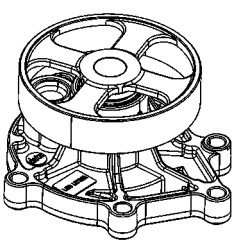
PA1171



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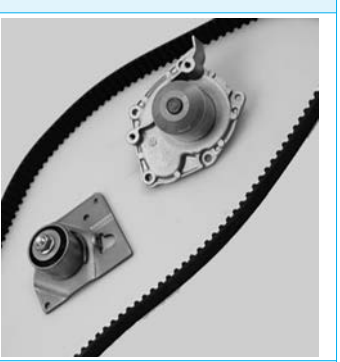

KP822-1

		GRAF ref.			NOTE	Adaptable for OES
1.8 Cooper S, All4 (135 kW) Eng.N18B16A	10-11/12	**PA994**				11 51 7 550 484
2.0 Cooper D, All4 (82 kW) Eng.N47C20A	11-	**PA1189**				11 51 8 512 443
2.0 Cooper SD All4 (100 kW) Eng.N47C20A	11-	**PA1189**				11 51 8 512 443
2.0 Cooper SD, All4 (105 kW) Eng.N47C20A	11-	**PA1189**				11 51 8 512 443
Mini III Coupe, Roadster (R58, R59) '8/11-						
1.6 Cooper (85 kW) Eng.N16B16A	11-11/12	**PA994**				11 51 7 550 484
1.6 Cooper (90 kW) Eng.N16B16A	11-11/12	**PA994**				11 51 7 550 484
1.6 Cooper S (120-135-147 kW) Eng.N18B16A	11-12/12	**PA994**				11 51 7 550 484
1.6 Cooper S JCW (155 kW) Eng.N14B16C	11-11/12	**PA994**				11 51 7 550 484
2.0 Cooper SD (100 kW) Eng.N47C20A	11-	**PA1189**				11 51 8 512 443
2.0 SD Cooper (105 kW) Eng.N47C20A	11-	**PA1189**				11 51 8 512 443

MITSUBISHI

Asx '2/10-						
1.6 (86 kW) Eng.4A92	10-	**PA986**				1300A095,MN143664
1.8 DI-D, 4WD (110 kW) Eng.4N13	10-	**PA1171**	•			1300A097
1.8 DI-D, 4WD (85 kW) Eng.4N13	10-	**PA1171**	•			1300A097
1.8, 4WD (102 kW) Eng.4B10	10-	**PA1135**				1300A083
2.0 i, 4WD (110 kW) Eng.4B11	10-	**PA1135**				1300A083
2.0 i, 4WD (118 kW) Eng.4B11	10-	**PA1135**				1300A083
2.2 Di-D 4WD (110 kW) Eng.4N14	13-	**PA1171**	•			1300A097
Carisma (DA) '7/95-						
1.3 (55 kW) Eng.4G13	00-	**PA1009**				MD323372,MD349885,MD365087,MD370803
1.6 (66 kW) Eng.4G92	95-	**PA937**		•		MD313301
1.6 (70-73 kW) Eng.4G92	97-	**PA937**		•		MD313301
1.6 (76 kW) Eng.4G92	00-	**PA937**		•		MD313301
1.8 (85 kW) Eng.4G93	00-	**PA937**		•		MD313301
1.8 16v (103 kW) Eng.4G93	00-	**PA937**		•		MD313301
1.8 GDi (90-92 kW) Eng.4G93(GDI)	00-	**PA937**		•		MD313301
1.9 DI-D (75 kW) Eng.F9Q1	00-	**PA822**		•		MW30620725
	00-	**PA1087**		•	+RB	MW31303112
	9/00-	**KP822-1**		•	Belt:132x26, PA822	30621589,MW30620725,MW30621589
1.9 DI-D (85 kW) Eng.F9Q2	00-	**PA822**		•		MW30620725
	00-	**PA1087**		•	+RB	MW31303112
	9/00-	**KP822-1**		•	Belt:132x26, PA822	30621589,MW30620725,MW30621589
1.9 TD (66 kW) Eng.F8QT	96-00	**PA531**				M345611,M855991
Celeste (A7) '10/75-'6/81						
1.6 (A73) (55 kW) Eng.4G32	77-81	**PA997**				MD009000,MD009019,MD997077,MD997610
Colt (A7) Lancer '1/78-'9/79						
1.2 (40 kW) Eng.4G36	78-79	**PA997**				MD009000,MD009019,MD997077,MD997610
1.4, SW (50 kW) Eng.4G33	78-79	**PA997**				MD009000,MD009019,MD997077,MD997610
1.6 (60 kW) Eng.4G32GS	78-79	**PA997**				MD009000,MD009019,MD997077,MD997610
Colt II (C1A)/ Champ '2/84-'4/88						
1.5 (C12A) (51 kW) Eng.G15B	85-88	**PA782**				MD974719,MD997611/ 9/ 699
1.5 (C12A) (55 kW) Eng.4G15	2/86-88	**PA782**				MD974719,MD997611/ 9/ 699
1.6 T. ECi (C13A) (60-77 kW) Eng.G32B	86-88	**PA782**				MD974719,MD997611/ 9/ 699
1.6 T. ECi (C13A) (92 kW) Eng.4G32T-C	84-88	**PA782**				MD974719,MD997611/ 9/ 699
1.8 D (C14A) (44 kW) Eng.4D65	6/86-88	**PA789**				MD997692
Colt III (C5A) '4/88-'5/92						
1.3 (44 kW) Eng.4G13	88-90	**PA697**				MD030863,MD974649,MD997076,MD997609
1.3 (C51A) (51 kW) Eng.4G13	88-90	**PA697**				MD030863,MD974649,MD997076,MD997609
1.3 12v (C51A) (55 kW) Eng.4G13	90-92	**PA697**				MD030863,MD974649,MD997076,MD997609
1.5 (C52A) (62 kW) Eng.4G15	88-90	**PA697**				MD030863,MD974649,MD997076,MD997609
1.5 (C52A) (66 kW) Eng.4G15	88-90	**PA697**				MD030863,MD974649,MD997076,MD997609
1.6 GTi 16v (C53A) (91 kW) Eng.4G61	88-90	**PA1025**				25100-33012
1.8 D GLX (C54A) (44 kW) Eng.4D65	88-92	**PA789**				MD997692

PA688

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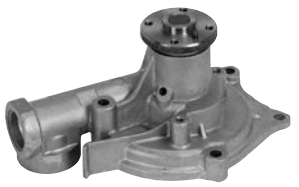
PA700



PA702

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PA1009

		GRAF ref.			NOTE	Adaptable for OES
1.8 GTi 16v (C58A) (100 kW) Eng.4G67	90-92	**PA702**				MD972052,MD997621
						Colt IV (CAA) '4/92-'4/96
1.3 12v (CA1A) (55 kW) Eng.G13(BJ90-92/12V)	92-96	**PA697**				MD030863,MD974649,MD997076,MD997609
1.5 (66 kW) Eng.4G15	94-96	**PA937**		•		MD313301
1.6 16v (CA4A) (66-70-73-84 kW) Eng.4G92	94-96	**PA799**		•		MD300799
1.8 GTi 16v (CA5A) (103 kW) Eng.4G93	10/95-4/96	**PA799**		•		MD300799
						Colt V (CJA) '11/95-'6/04
1.3 12v (CJ1A) (55 kW) Eng.4G13	96-00	**PA1009**				MD323372,MD349885,MD365087,MD370803
1.3 16v (60-61-63 kW) Eng.4G13(16v)	00-04	**PA1009**				MD323372,MD349885,MD365087,MD370803
1.5 16v (CJ2A) (69 kW) Eng.4G15(16v)	95-04	**PA1009**				MD323372,MD349885,MD365087,MD370803
1.6 (76 kW) Eng.4G92	00-04	**PA732**		•		MD309756,MD346790
1.6 (CJ4A) (66-70-73-83 kW) Eng.4G92	96-00	**PA732**		•		MD309756,MD346790
						Colt VI (CZ2, Z3) '6/04-'2/09
1.1 12v (55 kW) Eng.3A91	04-	**PA986**				1300A095,MN143664
1.3 16v, 4WD (68-7 kW) Eng.4A90	04-	**PA986**				1300A095,MN143664
1.5 (72 kW) Eng.4G15(16v)	04-06	**PA986**				1300A095,MN143664
1.5 16v, CZC Cabrio (80 kW) Eng.4A91	04-	**PA986**				1300A095,MN143664
1.5 CZT, CZC Cabrio (110 kW) Eng.4G15T	05-	**PA1000**				MN155686
1.5 Di-D (50 kW) Eng.OM636.939	04-	**PA978**				MN960330,MN960428
1.5 Di-D HP (70 kW) Eng.OM639.939	04-	**PA978**				MN960330,MN960428
1.5 R (120 kW) Eng.4G15T	10-	**PA1000**				MN155686
1.5 T (113 kW) Eng.4G15T	06-	**PA1000**				MN155686
						Colt VII (Z30) '3/09-
1.1 12v (55 kW) Eng.3A91	09-	**PA986**				1300A095,MN143664
1.3 (70 kW) Eng.4A90	09-	**PA986**				1300A095,MN143664
1.5 (80 kW) Eng.4A91	08-	**PA986**				1300A095,MN143664
1.5 T (110 kW) Eng.4G15T	09-	**PA1000**				MN155686
						Cordia (A21A) '10/82-'12/86
1.6 (A212A) (55 kW) Eng.4G32	82-86	**PA782**				MD974719,MD997611/ 9/ 699
1.8 (A215A) (66 kW) Eng.4G37	10/86-12/86	**PA782**				MD974719,MD997611/ 9/ 699
1.8 T. ECi (A213A) (100 kW) Eng.4G62T(ECI)	84-86	**PA922**				MD011757,MD997081,MD997614
						Eclipse I (D2A) '4/91-'11/95
2.0 16v, 4WD (D22A) (110 kW) Eng.4G63	91-95	**PA702**				MD972052,MD997621
						Eclipse II (D3) '12/95-'4/99
2.0 16v (107 kW) Eng.4G63	12/95-	**PA688**		•		MD4667660
2.0 GT 16v, 4WD (157 kW)	12/95-	**PA688**		•		MD4667660
2.0 T, 4WD (147 kW) Eng.4G63T	95-99	**PA918**				MD971538,MD972050
2.4 GS 16v (105 kW) Eng.4G64	95-	**PA918**				MD971538,MD972050
						Galant I (A12/V) '1/69-'12/82
1.6, SW (55 kW) Eng.4G32	77-80	**PA997**				MD009000,MD009019,MD997077,MD997610
						Galant II (A16/V), SW '9/80-'5/84
1.6 (A161A) (55 kW) Eng.4G32	80-84	**PA997**				MD009000,MD009019,MD997077,MD997610
2.0 (A163) (75-82-106-110 kW) Eng.4G63	80-84	**PA780**				MD971582,MD997079/ 080/ 612/ 3/ 5
2.0 T. ECi (A164) (Exc. SW) (125 kW) Eng.4G63T(ECI)	82-84	**PA795**		•		MD972003/ 4,MD980000,MD997244/ 515/ 634
2.3 D (50 kW) Eng.4D55	80-84	**PA782**				MD974719,MD997611/ 9/ 699
2.3 TD (A167) (62 kW) Eng.4D55T	80-84	**PA700**				MD050450,MD168048,MD168050,MD301847 MD664616,MD972001,MD997084,MD997150/ 1 MD997160,MD997170,MD997618
						Galant III (E1A) '6/84-'12/87
1.6 (E11A) (55 kW) Eng.4G32	84-87	**PA782**				MD974719,MD997611/ 9/ 699
1.8 (E12A) (60-66 kW) Eng.4G37	84-85	**PA782**				MD974719,MD997611/ 9/ 699
1.8 T. (E13A) (100 kW) Eng.G62B	86-87	**PA922**				MD011757,MD997081,MD997614
2.0 (E15A) (66-75-82-106-110 kW) Eng.4G63	84-87	**PA922**				MD011757,MD997081,MD997614
2.0 T. ECi (E15A) (110 kW) Eng.4G63T	84-85	**PA922**				MD011757,MD997081,MD997614

PA697

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PA702

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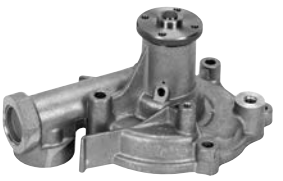
PA782



PA789

PA796

PA799

8 Pale / Vane

PA905

PA918

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PA997

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PA1145

PA1159

PA1229

		GRAF ref.			NOTE	Adaptable for OES
2.4 (E16A) (82 kW) Eng.G64B	85-87	**PA700**				MD050450,MD168048,MD168050,MD301847 MD664616,MD972001,MD997084,MD997150/ 1 MD997160,MD997170,MD997618
Galant IV (E3A) '11/87-'10/92						
1.6 (E31A) (60 kW) Eng.4G32B	88-90	**PA782**				MD974719,MD997611/ 9/ 699
1.8 (E32A) (63-66 kW) Eng.4G37	87-92	**PA782**				MD974719,MD997611/ 9/ 699
1.8 D (E34A) (55 kW) Eng.4D65	88-92	**PA789**				MD997692
1.8 TD (60 kW) Eng.4D65T	12/89-91	**PA789**				MD997692
2.0 (E33A) (80 kW) Eng.4G63	88-92	**PA702**			Eng. DOHC	MD972052,MD997621
	88-92	**PA776**			Eng. SOHC	MD972053,MD997622
2.0 Gti 16v, 4WD (E33A, E39A) (106-107 kW) Eng.4G63	87-92	**PA776**				MD972053,MD997622
Galant V (E5A, E7A, E8A) '11/92-'8/96						
1.8 (E52A) (85 kW) Eng.4G93	94-96	**PA799**		•		MD300799
1.8 GDi (E52A) (93 kW) Eng.4G93(GDI)	92-96	**PA799**		•		MD300799
2.0 TD (E57A) (66 kW) Eng.4D68/T	92-96	**PA918**				MD971538,MD972050
2.0 V6-24v (E54A) (110 kW) Eng.6A12	92-96	**PA935**		•		MD180580,MD302010
2.0, 4WD (E75A,E55A) (101 kW) Eng.4G63	92-96	**PA918**				MD971538,MD972050
Galant VI (EA), SW '9/96-'9/03						
2.0 (100 kW) Eng.4G63	96-00	**PA999**				MD974899,MD976464,MD976943
2.0 (98 kW) Eng.4G63	00-	**PA999**				MD974899,MD976464,MD976943
2.0 TDi (EA6A) (66 kW) Eng.4D68/SOCH	96-	**PA796**				MD971539,MD972054
2.4 GDi (106-110 kW) Eng.4G64	99-	**PA999**				MD974899,MD976464,MD976943
2.5 V6 24v (EA5A) (118 kW) Eng.6A13	96-	**PA935**		•		MD180580,MD302010
2.5 V6 24v (EA5A) (120 kW) Eng.6A13	96-	**PA935**		•		MD180580,MD302010
Grandis II (NA) '4/04-						
2.0 DI-D (100 kW) Eng.BSY	05-	**PA905**		•		MN980134,MN980266
2.0 DI-D (103 kW) Eng.BWC	05-	**PA905**		•		MN980134,MN980266
2.4 (121 kW) Eng.4G69	04-2/06	**PA1145**				1300A065,MD979313,MD979395
L200 II (KT) '11/86-'8/96						
1.6 (60 kW) Eng.4G32B	87-92	**PA997**				MD009000,MD009019,MD997077,MD997610
2.0, 4WD (69-75 kW) Eng.4G63	86-92	**PA780**				MD971582,MD997079/ 080/ 612/ 3/ 5
2.5 D, 4WD (K24T/K14T/K64T) (51 kW) Eng.4D56	86-96	**PA700**				MD050450,MD168048,MD168050,MD301847 MD664616,MD972001,MD997084,MD997150/ 1 MD997160,MD997170,MD997618
2.5 TD 4WD (85 kW) Eng.4D56T	01-03	**PA701**				MD972002,MD974999,MD997686
2.5 TD 4WD (K34T) (64 kW) Eng.4D56T	93-96	**PA701**				MD972002,MD974999,MD997686
L200 III '6/96-'5/06						
2.0 (K62T) (90 kW) Eng.4G63	96-	**PA1229**				MD972934
2.4 4WD (K75T) (97 kW) Eng.4G64	96-	**PA1229**				MD972934
2.5 D (K64T) (55 kW) Eng.4D56	96-01	**PA700**				MD050450,MD168048,MD168050,MD301847 MD664616,MD972001,MD997084,MD997150/ 1 MD997160,MD997170,MD997618
2.5 TD (66 kW) Eng.4D56T	01-05	**PA701**				MD972002,MD974999,MD997686
2.5 TD 4WD (98 kW) Eng.4D56T	03-	**PA701**				MD972002,MD974999,MD997686
2.5 TD 4WD (K74T) (73-74-85 kW) Eng.4D56	96-	**PA701**				MD972002,MD974999,MD997686
L200 IV (KA, KB) '5/06-						
2.5 DI-D (123 kW) Eng.4D56HP	10-07-	**PA1159**				1300A045
2.5 DI-D (131 kW) Eng.4D56HP	10-	**PA1159**				1300A045
2.5 DI-D (94 kW) Eng.4D56	10-	**PA1159**				1300A045
2.5 DI-D 4WD (104 kW)	10-	**PA1159**				1300A045
2.5 DI-D, RWD (100 kW) Eng.4D56	06-	**PA1159**				1300A045
Lancer I (A17) / Mirage '9/69-'2/83						
1.2 (A171) (40 kW) Eng.4G11	80-81	**PA997**				MD009000,MD009019,MD997077,MD997610
1.4 (A172) (50-77 kW) Eng.4G12	79-83	**PA997**				MD009000,MD009019,MD997077,MD997610
1.6 (A174) (60-62 kW) Eng.4G32GS	79-83	**PA997**				MD009000,MD009019,MD997077,MD997610
2.0 T. ECi (A176) (125 kW) Eng.4G32T(ECI)	81-83	**PA697**				MD030863,MD974649,MD997076,MD997609

PA697

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PA732

PA782

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PA796

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		GRAF ref.			NOTE	Adaptable for OES
Lancer II F (A17)/ Mirage '3/83-'1/84						
1.2 (A171) (40 kW) Eng.4G11	83-84	**PA697**				MD030863,MD974649,MD997076,MD997609
1.4 (A172) (50 kW) Eng.4G12	83-84	**PA697**				MD030863,MD974649,MD997076,MD997609
1.4 T. (77 kW) Eng.4G12	83-84	**PA697**				MD030863,MD974649,MD997076,MD997609
Lancer III (C1A, C6A)/ Mirage '11/83-'6/92						
1.2 (C15AS/C65A) (40-44 kW) Eng.4G16	84-88	**PA697**				MD030863,MD974649,MD997076,MD997609
1.3 (C11) (51 kW) Eng.4G13B	90-92	**PA697**				MD030863,MD974649,MD997076,MD997609
1.5 (C12AS) (51 kW) Eng.G15B	85-89	**PA697**				MD030863,MD974649,MD997076,MD997609
1.5 (C12AS) (55-62-64-66 kW) Eng.4G15	83-88	**PA697**				MD030863,MD974649,MD997076,MD997609
1.5 (C18A) (55 kW) Eng.4G15	86-88	**PA782**				MD974719,MD997611/ 9/ 699
1.6 ECi (C13A) (60-77 kW) Eng.G32B	83-92	**PA782**				MD974719,MD997611/ 9/ 699
1.6 T. (C13A) (92 kW) Eng.4G32T-C	83-88	**PA782**				MD974719,MD997611/ 9/ 699
Lancer III (C1V, C3V) SW/ Mirage '1/84-'6/92						
1.5 (C12V) (51 kW) Eng.G15B	85-89	**PA697**				MD030863,MD974649,MD997076,MD997609
1.5 12v (C12V) (66 kW) Eng.4G15(12v)	90-91	**PA697**				MD030863,MD974649,MD997076,MD997609
1.8 4WD (C37V) (61 kW) Eng.G37B	87-89	**PA782**				MD974719,MD997611/ 9/ 699
1.8 4WD (C37V) (63-66-69 kW) Eng.4G37	87-92	**PA782**				MD974719,MD997611/ 9/ 699
1.8 D (C14V) (43-44 kW) Eng.4D65	6/86-88	**PA789**				MD997692
Lancer IV (C6A, C7A)/ Mirage '4/88-'5/94						
1.3 (C61A) (44-51 kW) Eng.4G13	88-92	**PA697**				MD030863,MD974649,MD997076,MD997609
1.3 12v (C61A) (55 kW) Eng.4G13	92-94	**PA697**				MD030863,MD974649,MD997076,MD997609
1.5 (62 kW) Eng.4G15	88-92	**PA697**				MD030863,MD974649,MD997076,MD997609
1.5 12v (C62A) (61-62-66 kW) Eng.4G15(12v)	90-92	**PA697**				MD030863,MD974649,MD997076,MD997609
1.6 16v (C66A, C76A (66-70-73-83 kW) Eng.4G92	92-94	**PA799**		•		MD300799
1.8 4WD (C77A) (71 kW) Eng.4G37	89-92	**PA782**				MD974719,MD997611/ 9/ 699
1.8 D (C64A) (44 kW) Eng.4D65	88-92	**PA789**				MD997692
1.8 GTi 16v (C68A) (100 kW) Eng.4G67	89-92	**PA702**				MD972052,MD997621
Lancer V (CB/DA)/ Mirage SW '6/92-'11/95						
1.6 16v, 4WD (CB/CD4W) (66-70-73-83 kW) Eng.4G92	92-95	**PA799**		•		MD300799
2.0 D (CB8W) (50 kW) Eng.4D68	92-95	**PA796**				MD971539,MD972054
Lancer V (CB/DA)/ Mirage, Coupe '6/92-'11/95						
1.3 12v (CB1A) (55-56-58 kW) Eng.G13(BJ90-92/12V)	92-95	**PA697**				MD030863,MD974649,MD997076,MD997609
1.6 16v, 4WD (CB/CD4A) (66-70-73-83 kW) Eng.4G92	92-95	**PA799**		•		MD300799
1.8 16v (CB5A) (85-90-103 kW) Eng.4G93	92-95	**PA799**		•		MD300799
2.0 D (CB8A) (50 kW) Eng.4D68	92-95	**PA796**				MD971539,MD972054
Lancer VI (CK/PA)/ Mirage coupe '12/95-'12/07						
1.3 12v (CK1A) (55 kW) Eng.4G13	95-	**PA1009**				MD323372,MD349885,MD365087,MD370803
1.3 16v (60-61-63 kW) Eng.4G13(16v)	03-	**PA1009**				MD323372,MD349885,MD365087,MD370803
1.5 (74 kW) Eng.4G15(16V)	00-	**PA1009**				MD323372,MD349885,MD365087,MD370803
1.5 (81 kW) Eng.4G15(12v)	03-	**PA1009**				MD323372,MD349885,MD365087,MD370803
1.5 16v (CK2A) (69 kW) Eng.4G15(16v)	95-	**PA1009**				MD323372,MD349885,MD365087,MD370803
1.6 16v (CK4A) (66-70-73-83 kW) Eng.4G92	95-	**PA732**		•		MD309756,MD346790
1.6 16v, SW (72 kW) Eng.4G18	03-	**PA1009**				MD323372,MD349885,MD365087,MD370803
2.0 (85 kW) Eng.4G63DOCH16V	03-	**PA1003**				1300A069,MD978552
2.0 (92 kW) Eng.4G94	05-	**PA1003**				1300A069,MD978552
2.0 16v EVO VIII (195 kW) Eng.4G63	04-07	**PA1145**				1300A065,MD979313,MD979395
2.0, SW (99 kW) Eng.4G63	03-	**PA1003**				1300A069,MD978552
Lancer VII, SportBack (CX/CY) '1/08-						
1.5 (80 kW) Eng.4A91	08-	**PA986**				1300A095,MN143664
1.6 (86 kW) Eng.4A92	10-	**PA986**				1300A095,MN143664
1.8 (103-105 kW) Eng.4B10	08-	**PA1135**				1300A083
1.8 DI-D (85-110 kW) Eng.4N13	10-	**PA1171**	•			1300A097
2.0 (108-113-115 kW) Eng.4B11	08-	**PA1135**				1300A083
2.0 DI-D (103 kW) Eng.BWC	08-	**PA905**		•		MN980134,MN980266
2.0 Evo X (217-221 kW) Eng.4B11FQ30	08-	**PA1135**				1300A083

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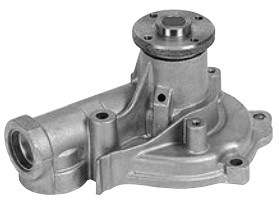
PA1159

PA1171

		GRAF ref.			NOTE	Adaptable for OES
2.0 i (118 kW) Eng.4B11	09-	**PA1135**				1300A083
2.0 i Ralliart AWD (177 kW) Eng.4B11T/C	08-	**PA1135**				1300A083
Outlander I (CU) '5/03-'2/07						
2.0, T. 4WD (100-148 kW) Eng.4G63-7	03-	**PA1003**				1300A069,MD978552
2.0 4WD (177 kW)	03-	**PA1003**				1300A069,MD978552
2.0 4WD (93 kW) Eng.4G63	03-07	**PA1003**				1300A069,MD978552
2.4 4WD (102 kW) Eng.4G64	03-2/06	**PA1145**				1300A065,MD979313,MD979395
2.4, 4WD (118 kW) Eng.4G69-2/4G69	03-	**PA1003**				1300A069,MD978552
Outlander II (CW) '11/06-						
2.0 (CW4W), 4WD (108-118 kW) Eng.4B11	06-	**PA1135**				1300A083
2.0 DI-D (103 kW) Eng.BSY	07-	**PA905**		•		MN980134,MN980266
2.2 DI-D (103 kW) Eng.4N14	10-	**PA1049**		•		MN982187,MN982325
2.2 DI-D (115 kW) Eng.HTH	08-	**PA1049**		•		MN982187,MN982325
2.2 DI-D 4WD (CW7W) (130 kW) Eng.4N14	10-	**PA1049**		•		MN982187,MN982325
2.2 DI-D, 4WD (130 kW) Eng.4N14	06-6/10	**PA1171**	•			1300A097
	7/10-12	**PA1049**		•		MN982187,MN982325
2.4 (125 kW) Eng.4B12	08-	**PA1082**	•			1300A082
Outlander III (GF) '10/12-						
2.0, 4WD (107 kW) Eng.4J11	12-	**PA1135**				1300A083
2.0, 4WD (110 kW) Eng.4J11	13-	**PA1135**				1300A083
2.2 DI-D, 4WD (110 kW) Eng.4N14	13-	**PA1171**	•			1300A097
2.4 4WD (123 kW) Eng.4B12	12-	**PA1135**				1300A083
Pajero I (L04G, L14G)/ Montero I/ Shogun I '12/82-'12/91						
2.3 TD (L043G, L048G) (62 kW) Eng.4D55T	82-86	**PA700**				MD050450,MD168048,MD168050,MD301847 MD664616,MD972001,MD997084,MD997150/ 1 MD997160,MD997170,MD997618
2.5 TD (L044G, L049G) (62-64-70 kW) Eng.4D56T	86-91	**PA700**				MD050450,MD168048,MD168050,MD301847 MD664616,MD972001,MD997084,MD997150/ 1 MD997160,MD997170,MD997618
3.0 V6 (L141G, L146G) (104-110-125-1KP151-210 kW) Eng.6G72	88-90	**PA795**		•		MD972003/ 4,MD980000,MD997244/ 515/ 634
Pajero II (V2W, V4W)/ Montero II/ Shogun II '12/90-'4/00						
1.8 GDi, Allrad (96 kW) Eng.4G93(GDI)	98-00	**PA732**		•		MD309756,MD346790
2.4 (82-91-97-110 kW) Eng.4G64	91-4/92	**PA780**				MD971582,MD997079/ 080/ 612/ 3/ 5
2.5 TD (V24C, V24W) (73 kW) Eng.4D56TD	90-00	**PA701**				MD972002,MD974999,MD997686
2.8 D 4WD (71 kW) Eng.4M40-A	93-97	**PA930**				ME200411,ME993473,ME996789
2.8 TD (V46W) (92 kW) Eng.4M40	94-00	**PA930**				ME200411,ME993473,ME996789
	94-00	**PA1016**				ME993474
3.0 V6 (V23W, V43W, V23C) (110 kW) Eng.6G72	90-95	**PA795**		•		MD972003/ 4,MD980000,MD997244/ 515/ 634
3.5 V6 24v (V25W, V45W) (149-153 kW) Eng.6G74	94-97	**PA920**	•	•		MD972440
Pajero III (V60)/ Montero III/ Shogun III '4/00-'1/07						
2.5 TDi (85 kW) Eng.4D56	01-	**PA701**				MD972002,MD974999,MD997686
3.2 DI-D (118 kW) Eng.4M41	00-	**PA930**				ME200411,ME993473,ME996789
3.2 DI-D (121 kW) Eng.4M41	00-	**PA930**				ME200411,ME993473,ME996789
3.2 DI-D (125 kW) Eng.4M41	06-	**PA930**				ME200411,ME993473,ME996789
3.5 V6 24v (149 kW) Eng.6G74	00-	**PA1012**	•	•		MD977503,MD979171
Pajero IV (V80)/Montero IV/ Shogun IV '2/07-						
3.8 T 4WD (175 kW) Eng.6G75	09-	**PA1012**	•	•		MD977503,MD979171
3.8 V6 (182-184 kW) Eng.6G75	07-	**PA1012**	•	•		MD977503,MD979171
Pajero Pinin (H6W, H7W) '10/99-						
1.8 (84 kW) Eng.4G93	01-	**PA732**		•		MD309756,MD346790
1.8 GDi (H66W) (88 kW) Eng.4G93(GDI)	99-	**PA732**		•		MD309756,MD346790
2.0 4WD (99 kW) Eng.4G94	07-	**PA732**		•		MD309756,MD346790
2.0 GDi (H67W, H77W) (95 kW) Eng.4G94	00-	**PA732**		•		MD309756,MD346790
Pajero Sport (K90) '11/98-						
2.5 D (105 kW) Eng.4D56T	05-	**PA1159**				1300A045

PA700	**PA701**	**PA732**	**PA780**
PA782	**PA795**	**PA796**	**PA799**
			
PA822	**PA918**	**PA922**	**PA997**
PA999	**PA1009**	**PA1012**	**PA1087**
PA1159	**KP822-1**		

		GRAF ref.			NOTE	Adaptable for OES
2.5 DI-D, 4WD (131 kW) Eng.4D56HP	08-	**PA1159**				1300A045
2.5 TD (110 kW) Eng.4D56T	09-	**PA1159**				1300A045
2.5 TD (73-83-85 kW) Eng.4D56/T	98-	**PA701**				MD972002,MD974999,MD997686
3.0 V6 (123 kW) Eng.6G72	03-	**PA1012**	•	•		MD977503,MD979171
3.0 V6 (125 kW) Eng.6G72	00-	**PA1012**	•	•		MD977503,MD979171
3.0 V6 24v (130 kW) Eng.6G72(24v)	98-	**PA1012**	•	•		MD977503,MD979171
Sapporo I (A12) '4/78-'7/80						
1.6 (A121) (55 kW) Eng.4G32	78-80	**PA997**				MD009000,MD009019,MD997077,MD997610
Sapporo II (A16A) '8/80-'9/84						
1.6 (A161A) (55 kW) Eng.4G32	80-84	**PA997**				MD009000,MD009019,MD997077,MD997610
1.8 (A162) (100 kW) Eng.G62B	81-83	**PA780**				MD971582,MD997079/ 080/ 612/ 3/ 5
2.0 GSR (A164A) (75-82-106-110 kW) Eng.4G63	80-84	**PA780**				MD971582,MD997079/ 080/ 612/ 3/ 5
2.3 TD (A167) (62 kW) Eng.4D55T	80-84	**PA782**				MD974719,MD997611/ 9/ 699
Sapporo III (E16A) '6/87-'8/90						
1.6 (E11A) (60-77 kW) Eng.G32B	84-87	**PA782**				MD974719,MD997611/ 9/ 699
2.4 (E16A) (82-91-97-110 kW) Eng.4G64	87-90	**PA922**			(91 kW)	MD011757,MD997081,MD997614
Sigma II '1/80-'10/87						
1.6 (E11A) (60-77 kW) Eng.G32B	3/84-10/87	**PA782**				MD974719,MD997611/ 9/ 699
2.0 (A168V) (62 kW) Eng.G63B	9/81-9/86	**PA780**				MD971582,MD997079/ 080/ 612/ 3/ 5
2.3 D (50 kW) Eng.4D55	4/80-83	**PA782**				MD974719,MD997611/ 9/ 699
Space Gear (PA/B/DV/W) '5/95-						
2.0 16v (PA3V/W, PB3V) (75-82-85-106-110 kW) Eng.4G63	95-	**PA999**				MD974899,MD976464,MD976943
2.4, 4WD (PD4V/W) (82-91-97-110 kW) Eng.4G64	95-	**PA999**				MD974899,MD976464,MD976943
2.5 TD (PA5V/W, PB5V) (64 kW) Eng.4D56T	95-	**PA701**				MD972002,MD974999,MD997686
2.5 TD, 4WD (PD5V/W) (73 kW) Eng.4D56TD	95-	**PA700**				MD050450,MD168048,MD168050,MD301847 MD664616,MD972001,MD997084,MD997150/ 1 MD997160,MD997170,MD997618
Space Runner I (N1W, N2W) '10/91-'8/99						
1.8, 4WD (N21W/N11W) (85-90-103 kW) Eng.4G93	91-99	**PA799**		•		MD300799
2.0 16v (75-82-93-106-110 kW) Eng.4G63	97-99	**PA918**				MD971538,MD972050
2.0 TD GLX (N18W) (60 kW) Eng.4D68T	92-99	**PA796**				MD971539,MD972054
Space Runner II (N50) '8/99-						
2.0 (100 kW) Eng.4G63	99-	**PA999**				MD974899,MD976464,MD976943
2.4 GDi (82-91-97-108-110 kW) Eng.4G64(GDI)	99-	**PA999**				MD974899,MD976464,MD976943
Space Star I (DG0) '6/98-						
1.3 16v (60-61-63 kW) Eng.4G13(16v)	98-	**PA1009**				MD323372,MD349885,MD365087,MD370803
1.6 16v (72 kW) Eng.4G18	01-	**PA1009**				MD323372,MD349885,MD365087,MD370803
1.8 GDi (82 kW) Eng.4G93(GDI)	02-	**PA732**		•		MD309756,MD346790
1.8 GDi (87-90-92-93-96 kW) Eng.4G93(GDI)	98-	**PA732**		•		MD309756,MD346790
1.9 DI-D (75 kW) Eng.F9Q1	01-	**PA1087**		•	+RB	MW31303112
	2/01-	**PA822**		•		MW30620725
	2/01-	**KP822-1**		•	Belt:132x26, PA822	30621589,MW30620725,MW30621589
1.9 DI-D (85 kW) Eng.F9Q2	02-	**PA822**		•		MW30620725
	02-	**PA1087**		•	+RB	MW31303112
	10/02-	**KP822-1**		•	Belt:132x26, PA822	30621589,MW30620725,MW30621589
Space Wagon I (D0V/W) '1/83-'4/91						
1.6 (D02W) (60-77 kW) Eng.G32B	83-86	**PA782**				MD974719,MD997611/ 9/ 699
1.8 (D03W) (100 kW) Eng.G62B	83-86	**PA922**				MD011757,MD997081,MD997614
1.8, 4WD (D05W) (66 kW) Eng.4G37	83-91	**PA782**				MD974719,MD997611/ 9/ 699
2.0 (D04W) (62 kW) Eng.G63B	86-88	**PA795**		•		MD972003/ 4,MD980000,MD997244/ 515/ 634
2.0 4WD (D08W) (62 kW) Eng.G63B	86-88	**PA922**				MD011757,MD997081,MD997614
2.0 4WD (D08W) (75-82-106-110 kW) Eng.4G63	85-91	**PA922**				MD011757,MD997081,MD997614
Space Wagon II (N3W, N4W) '10/91-'10/98						
1.8, 4WD (N41W, N31W) (85-90-103 kW) Eng.4G93	5/91-5/92	**PA799**		•		MD300799

PA697

PA700

PA776

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PA918

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PA997

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PA1114

PA1171

PA1229

		GRAF ref.			NOTE	Adaptable for OES
2.0 TD GLX (N38W) (60 kW) Eng.4D68T	92-98	**PA796**				MD971539,MD972054
2.0, 4WD (N33W, N43W) (75-77-82-98-106-110 kW) Eng.4G63	92-98	**PA918**				MD971538,MD972050
2.4, AWD (N34W) (85 kW) Eng.4G64	5/91-5/92	**PA776**				MD972053,MD997622
	6/92-96	**PA918**				MD971538,MD972050
Space Wagon III (N5W) '10/98-						
2.0 (80 kW) Eng.4G63DOCH16V	98-02	**PA999**				MD974899,MD976464,MD976943
2.0 GDi (98 kW) Eng.4G63	02-	**PA999**				MD974899,MD976464,MD976943
2.4 GDi, 4WD (82-91-97-108-110 kW) Eng.4G64(GDI)	98-	**PA999**				MD974899,MD976464,MD976943
Starion (A18A) '6/82-'6/90						
2.0 T. ECi (A183A) (125 kW) Eng.4G63T(ECI)	82-85	**PA780**				MD971582,MD997079/ 080/ 612/ 3/ 5
2.0 T. ECi (A183A) (132 kW) Eng.4G63T-C	85-87	**PA780**				MD971582,MD997079/ 080/ 612/ 3/ 5
Tredia (A21) '9/82-'10/87						
1.4 (A211) (51 kW) Eng.4G12	82-85	**PA697**				MD030863,MD974649,MD997076,MD997609
1.6 (A212) (55 kW) Eng.4G32	82-87	**PA782**				MD974719,MD997611/ 9/ 699
1.8 (A215) (66 kW) Eng.4G37	84-86	**PA782**				MD974719,MD997611/ 9/ 699
1.8 T. (A213A) (100 kW) Eng.G62B	84-86	**PA922**				MD011757,MD997081,MD997614

MITSUBISHI LCV

ASX Van '6/10-						
1.8 DI-D 4WD (110 kW) Eng.4N13	10-	**PA1171**	•			1300A097
Canter '1/93-						
3.6 TDi (94 kW)	93-01	**PA1114**				ME015217,ME995424,ME996868
3.9 TDi (100 kW) Eng.4D34-2AT4	97-	**PA1114**				ME015217,ME995424,ME996868
3.9 TDi (105 kW) Eng.4D34-2AT6	01-	**PA1114**				ME015217,ME995424,ME996868
L300 I (L03P/G, L02P) '5/78-'2/87						
1.6 (L032P, L062P) (48-51 kW) Eng.4G32	83-86	**PA997**				MD009000,MD009019,MD997077,MD997610
1.8, 4WD (L035G) (60 kW) Eng.4G62	84-87	**PA780**				MD971582,MD997079/ 080/ 612/ 3/ 5
2.0 4WD (L037G) (65 kW) Eng.4G63	86-87	**PA780**				MD971582,MD997079/ 080/ 612/ 3/ 5
2.3 D (L038P, L068P) (50 kW) Eng.4D55	83-86	**PA700**				MD168048,MD168050,MD301847,MD664616 MD972001,MD997084,MD997150/ 1,MD997160 MD997170,MD997618
L300 II (P0W, P1W, P2W)/ Delica '11/86-'4/94						
1.4 (P01) (50 kW) Eng.4G33	86-94	**PA997**				MD009000,MD009019,MD997077,MD997610
1.6 (P02V, P12V) (51 kW) Eng.4G32	00-	**PA997**				MD009000,MD009019,MD997077,MD997610
2.0 (P03V/W, P13V) (64-66 kW) Eng.G63B	86-	**PA780**				MD971582,MD997079/ 080/ 612/ 3/ 5
2.0 4WD (P23V, P23W) (65 kW) Eng.4G63	86-94	**PA780**				MD971582,MD997079/ 080/ 612/ 3/ 5
2.4 4WD (P04W, P14V, P04V) (82 kW) Eng.4G64	90-	**PA780**				MD971582,MD997079/ 080/ 612/ 3/ 5
2.4 4WD (P24W, P24V) (80-82 kW) Eng.G64B	86-	**PA780**				MD971582,MD997079/ 080/ 612/ 3/ 5
2.5 D (P05V, P05W, P15V) (51-55 kW) Eng.4D56	86-	**PA700**				MD168048,MD168050,MD301847,MD664616 MD972001,MD997084,MD997150/ 1,MD997160 MD997170,MD997618
2.5 TD, 4WD (P25W, P25V) (64 kW) Eng.4D56T	86-	**PA700**				MD168048,MD168050,MD301847,MD664616 MD972001,MD997084,MD997150/ 1,MD997160 MD997170,MD997618
L300 III '5/94-						
2.5 TD (P15T) (64 kW) Eng.4D56T	94-	**PA700**				MD168048,MD168050,MD301847,MD664616 MD972001,MD997084,MD997150/ 1,MD997160 MD997170,MD997618
L400 (PAOV) '6/96-						
2.0 (83 kW) Eng.4G63	95-02	**PA1229**				MD972934
2.0 (85 kW) Eng.4G63	96-01	**PA1229**				MD972934
2.4 (97 kW) Eng.4G64	96-02	**PA1229**				MD972934
2.5 TD, 4WD (64 kW) Eng.4D56T	96-	**PA700**				MD168048,MD168050,MD301847,MD664616 MD972001,MD997084,MD997150/ 1,MD997160 MD997170,MD997618

PA202

PA493A

PA508

PA540

PA703

PA821

PA823

PA830

PA927

PA1070

KP821-1

		GRAF ref.			NOTE	Adaptable for OES
100 NX (B13) '3/90-'10/94						
1.6 SR (73-75 kW) Eng.GA16DE	93-94	**PA493A**				21010-0M300/ 1/ 2,21010-53Y00/ 1 21010-71J00
1.6, 16v (66-71-73 kW) Eng.GA16DS	10/90-94	**PA493A**				21010-0M300/ 1/ 2,21010-53Y00/ 1 21010-71J00
2.0 GTI 16v (105-110 kW) Eng.SR20DE	91-94	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
200 SX (S13) '7/88-'11/93						
1.8 T. (122-124 kW) Eng.CA18DET	90-91	**PA540**				21010-50VY5,21010-V5500 21010-V5525/ 7/ 8/ 9,21010-V5585 21010-W4425/ 6
200 SX (S14) '10/93-						
2.4 i (115 kW) Eng.Z24i	93-	**PA927**				21010-40F25/ 6/ 7,21010-VJ225,25100-86G00
Almera I (N15) '9/95-'7/00						
1.4 i, 16v (55-64 kW) Eng.GA14DE	95-00	**PA493A**				21010-0M300/ 1/ 2,21010-53Y00/ 1 21010-71J00
1.6 (66-73-75 kW) Eng.GA16DE	95-00	**PA493A**				21010-0M300/ 1/ 2,21010-53Y00/ 1 21010-71J00
2.0 D (55 kW) Eng.CD20	95-00	**PA703**				21010-57J00/ 1/ 2/ 3/ 25/ 26/ 28
2.0 GTi (105 kW) Eng.SR20DE	96-00	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
Almera II (N16) '7/00-						
1.5 (66 kW) Eng.QG15DE	00-	**PA830**				21010-4M525/ 6,21010-9F600/ 5
1.5 (72 kW) Eng.QG15DE	02-	**PA830**				21010-4M525/ 6,21010-9F600/ 5
1.5 DCi (60 kW) Eng.K9K702/710/722	03-	**PA821**		•		21010-00QAS/ AT,21010-BN700
	1/03-	**KP821-1**		•	+screw/vite, Belt:123x27, PA821	13070-BN700 16806-00QA8/ AX/ 0E/ AE/ AS/ AT 21010-BN700,21010-NB700
1.6 (83 kW) Eng.GA16DE/QG16DE	00-03	**PA830**				21010-4M525/ 6,21010-9F600/ 5
1.8 16v (84-85 kW) Eng.QG18DE	3/00-	**PA830**				21010-4M525/ 6,21010-9F600/ 5
2.2 DCi (100 kW) Eng.YD22DDTi	03-	**PA823**				21010-AD200/ 225/ 6,B1010-AD226
2.2 DCi (82 kW) Eng.YD22DDT	03-	**PA823**				21010-AD200/ 225/ 6,B1010-AD226
2.2 Di (81 kW) Eng.YD22DDT	7/00-	**PA823**				21010-AD200/ 225/ 6,B1010-AD226
Almera Tino (V10) '8/00-						
1.8 16v (84 kW) Eng.QG18DE	8/00-	**PA830**				21010-4M525/ 6,21010-9F600/ 5
2.0 (100 kW) Eng.SR20DE	8/00-	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
2.2 DCi (100 kW) Eng.YD22DDTi	03-	**PA823**				21010-AD200/ 225/ 6,B1010-AD226
2.2 DCi (81-84-93 kW) Eng.YD22DDT	03-	**PA823**				21010-AD200/ 225/ 6,B1010-AD226
2.2 Di (84 kW) Eng.YD22DDTi	00-	**PA823**				21010-AD200/ 225/ 6,B1010-AD226
Altima II (L31) '1/02-						
2.5 (121 kW) Eng.QR25DE	01-06	**PA1070**				21010-6N225/ 6
2.5 (128 kW) Eng.QR25DE	06-	**PA1070**				21010-6N225/ 6
Bluebird (510) '1/68-'12/73						
1.3 (50 kW) Eng.J13	68-73	**PA202**				21010-21000,21010-21025/ 6,21010-21088 21010-210Y5
1.4 (63 kW) Eng.L14	68-73	**PA202**				21010-21000,21010-21025/ 6,21010-21088 21010-210Y5
1.6 (75 kW) Eng.L16	68-73	**PA202**				21010-21000,21010-21025/ 6,21010-21088 21010-210Y5
Bluebird (610) '7/74-'11/79						
1.8 (59 kW) Eng.L18	74-79	**PA202**				21010-21000,21010-21025/ 6,21010-21088 21010-210Y5
Bluebird (710) '7/74-'1/77						
1.8 (59 kW) Eng.L18	74-77	**PA202**				21010-21000,21010-21025/ 6,21010-21088 21010-210Y5

PA101

PA201

PA434

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PA540

PA777

PA784

PA788

PA812

		GRAF ref.			NOTE	Adaptable for OES
Bluebird (910) '1/80-'5/84						
1.8, SW (65 kW) Eng.L18S	80-84	**PA540**				21010-50VY5,21010-V5500 21010-V5525/ 7/ 8/ 9,21010-V5585 21010-W4425/ 6
2.0 D, SW (44 kW) Eng.LD20	80-84	**PA812**				21010-80W25/ 6/ 7/ 94
2.0 i, Coupe (80 kW) Eng.Z20E	82-84	**PA812**				21010-80W25/ 6/ 7/ 94
Bluebird (T72 , T12) '12/85-'6/91						
1.6 (61 kW) Eng.CA16S	3/86-6/86	**PA777**				21010-D0104/ -D0125/ 6,BA010-D0126
	7/86-90	**PA435**				21010-06E25/ 6,BA010-06E26
1.8 (65 kW) Eng.CA18I	87-90	**PA784**				21010-06EY6,21010-71E26/ 7 / 8
1.8 16v (95 kW) Eng.CA18D	89-90	**PA435**				21010-06E25/ 6,BA010-06E26
1.8 T. (99 kW) Eng.CA18T	12/85-6/86	**PA777**				21010-D0104/ -D0125/ 6,BA010-D0126
2.0 (75 kW) Eng.CA20S	12/85-7/86	**PA777**				21010-D0104/ -D0125/ 6,BA010-D0126
	7/86-12/87	**PA435**				21010-06E25/ 6,BA010-06E26
2.0 D (49 kW) Eng.LD20	86-90	**PA788**				21010-05E25/ 6/ 7
2.0 i (85 kW) Eng.CA20E	88-90	**PA435**				21010-06E25/ 6,BA010-06E26
2.0 i, kat (77 kW) Eng.CA20E/KAT	88-90	**PA435**				21010-06E25/ 6,BA010-06E26
Bluebird (U11/ WU11) '11/83-'12/90						
1.8 (66 kW) Eng.CA18S	83-86	**PA777**				21010-D0104/ -D0125/ 6,BA010-D0126
1.8 T. (99 kW) Eng.CA18T	7/86-90	**PA435**				21010-06E25/ 6,BA010-06E26
	84-6/86	**PA777**				21010-D0104/ -D0125/ 6,BA010-D0126
2.0 D, SW (43 kW) Eng.LD20	84-90	**PA788**				21010-05E25/ 6/ 7
2.0 D, SW (49 kW) Eng.LD20	84-90	**PA788**				21010-05E25/ 6/ 7
2.0 i, kat (77 kW) Eng.CA20E/KAT	7/86-90	**PA435**				21010-06E25/ 6,BA010-06E26
2.0 i, SW (85 kW) Eng.CA20E	7/86-90	**PA435**				21010-06E25/ 6,BA010-06E26
2.0 TD (57 kW) Eng.LD20T	84-90	**PA788**				21010-05E25/ 6/ 7
Cherry I (E10) '9/70-'9/78						
1.0 (32 kW) Eng.A10	70-78	**PA201**				21010-18025,21010-H1025/ 6,21010-H5000 21010-H5025/ 6/ 8,21010-M6625/ 6 BA010-M6686
Cherry I (F10-F11) '1/76-'10/78						
1.0 (32 kW) Eng.A10	76-78	**PA201**				21010-18025,21010-H1025/ 6,21010-H5000 21010-H5025/ 6/ 8,21010-M6625/ 6 BA010-M6686
1.1 (37-38 kW) Eng.E10	76-78	**PA201**				21010-18025,21010-H1025/ 6,21010-H5000 21010-H5025/ 6/ 8,21010-M6625/ 6 BA010-M6686
Cherry II (V/N10) '8/78-'12/83						
1.0 (32 kW) Eng.A10/S	78-81	**PA201**				21010-18025,21010-H1025/ 6,21010-H5000 21010-H5025/ 6/ 8,21010-M6625/ 6 BA010-M6686
	78-81	**PA101**			Alfa Romeo	21010-R7400
1.0 (37 kW) Eng.E10	81-82	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
1.2, Coupe, SW (38 kW) Eng.A12	78-81	**PA201**				21010-18025,21010-H1025/ 6,21010-H5000 21010-H5025/ 6/ 8,21010-M6625/ 6 BA010-M6686
	78-81	**PA101**			Alfa Romeo	21010-R7400
1.3, Coupe, SW (44 kW) Eng.E13	81-83	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
1.4, Coupe, SW (59 kW) Eng.A14S	80-81	**PA201**				21010-18025,21010-H1025/ 6,21010-H5000 21010-H5025/ 6/ 8,21010-M6625/ 6 BA010-M6686
	80-81	**PA101**			Alfa Romeo	21010-R7400
1.5 (51 kW) Eng.E15	81-82	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
Cherry III (N12) '5/82-'12/86						
1.0 (37 kW) Eng.E10	82-86	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94

PA201	**PA202**	**PA203**	**PA434**
PA830	**PA1091**	**PA1131**	**PA1172**

		GRAF ref.			NOTE	Adaptable for OES
1.3 (44 kW) Eng.E13	86-86	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
1.5 (55 kW) Eng.E15S	83-86	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
1.5 T. (77 kW) Eng.E15ET	83-85	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
1.6 (51 kW) Eng.E16	85-86	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
Cube (Z11) I '1/03-'9/05						
1.5 (80 kW) Eng.QG15DE	03-05	**PA830**				21010-4M525/ 6,21010-9F600/ 5
Cube (Z12) II '3/10-						
1.5 DCi (78 kW) Eng.K9K	10-	**PA1091**		•		21010-00Q0M
1.5 DCi (81 kW) Eng.K9K	10-	**PA1091**		•		21010-00Q0M
1.6 16v (81 kW) Eng.HR16DE	10-	**PA1131**				21010-ED025,B1010-ED00A
Datsun 100 A (E10, BLF10) '12/74-'8/80						
1.0, SW (33 kW) Eng.A10	74-80	**PA201**				21010-18025,21010-H1025/ 6,21010-H5000 21010-H5025/ 6/ 8,21010-M6625/ 6 BA010-M6686
Datsun 120 (B210) '4/62-'7/80						
1.2, Y, A, Coupe (38 kW) Eng.A12	62-80	**PA201**				21010-18025,21010-H1025/ 6,21010-H5000 21010-H5025/ 6/ 8,21010-M6625/ 6 BA010-M6686
Datsun 140 J/Y '1/73-'6/83						
1.4, SW (48-49-63 kW) Eng.L14	73-83	**PA201**				21010-18025,21010-H1025/ 6,21010-H5000 21010-H5025/ 6/ 8,21010-M6625/ 6 BA010-M6686
Datsun 160 J (710, A10) '1/73-'2/82						
1.6 (53 kW) Eng.L16S	73-78	**PA202**				21010-21000,21010-21025/ 6,21010-21088 21010-210Y5
1.6 (61 kW) Eng.L16T	73-82	**PA202**				21010-21000,21010-21025/ 6,21010-21088 21010-210Y5
1.6 (65-75 kW) Eng.L16	78-82	**PA202**				21010-21000,21010-21025/ 6,21010-21088 21010-210Y5
Datsun 180 B (PL810) '5/77-'1/81						
1.8 (65-66 kW) Eng.L18	77-81	**PA202**				21010-21000,21010-21025/ 6,21010-21088 21010-210Y5
Datsun 240 (KMLGC210) '9/78-'7/81						
2.4 Coupe KGT (96 kW) Eng.L24	78-81	**PA203**				21010-E3000,21010-E3026/ 7/ 8,21010-P7503 21010-P7525/ 6/ 7/ 8/ 9 21010-P7585/ 6/ 7/ 8,21010-V0725/ 6 21010-W3628,21010-W3685
Juke '8/10-						
1.5 DCi (81 kW) Eng.K9K	10-	**PA1091**		•		21010-00Q0M
1.6 (69 kW) Eng.HR16DE	13-	**PA1131**				21010-ED025,B1010-ED00A
1.6 16v (86 kW) Eng.HR16DE	10-	**PA1131**				21010-ED025,B1010-ED00A
1.6 16v Dig-T, 4WD (140 kW) Eng.MR16DDT	10-	**PA1172**				21010-1KC0A,B1010-1KC0A
1.6 Dig-T, 4WD (147 kW) Eng.MR16DDT	13-	**PA1172**				21010-1KC0A,B1010-1KC0A
Laurel (HLC230) '3/72-'5/83						
2.0 (71 kW) Eng.L20A	77-81	**PA203**				21010-E3000,21010-E3026/ 7/ 8,21010-P7503 21010-P7525/ 6/ 7/ 8/ 9 21010-P7585/ 6/ 7/ 8,21010-V0725/ 6 21010-W3628,21010-W3685
2.4 (83 kW) Eng.L24	77-83	**PA203**				21010-E3000,21010-E3026/ 7/ 8,21010-P7503 21010-P7525/ 6/ 7/ 8/ 9 21010-P7585/ 6/ 7/ 8,21010-V0725/ 6 21010-W3628,21010-W3685

PA202

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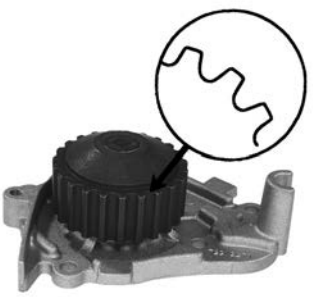

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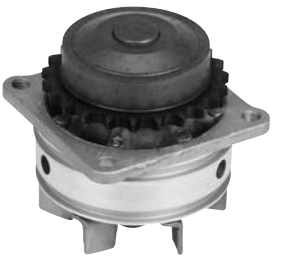

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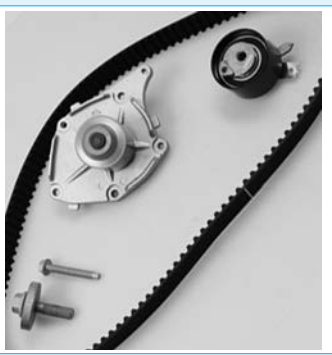

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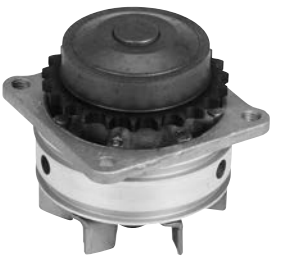
		GRAF ref.			NOTE	Adaptable for OES
Laurel (JC31) '1/81-'12/85						
1.8 (59 kW) Eng.L18	80-84	**PA202**				21010-21000,21010-21025/ 6,21010-21088 21010-210Y5
2.4 (83-88-96 kW) Eng.L24	81-85	**PA203**				21010-E3000,21010-E3026/ 7/ 8,21010-P7503 21010-P7525/ 6/ 7/ 8/ 9 21010-P7585/ 6/ 7/ 8,21010-V0725/ 6 21010-W3628,21010-W3685
2.8 D (62 kW) Eng.LD28	81-85	**PA203**				21010-E3000,21010-E3026/ 7/ 8,21010-P7503 21010-P7525/ 6/ 7/ 8/ 9 21010-P7585/ 6/ 7/ 8,21010-V0725/ 6 21010-W3628,21010-W3685
Laurel (JC32) '1/85-'12/89						
2.4 (94 kW) Eng.L24E/S	85-87	**PA203**				21010-E3000,21010-E3026/ 7/ 8,21010-P7503 21010-P7525/ 6/ 7/ 8/ 9 21010-P7585/ 6/ 7/ 8,21010-V0725/ 6 21010-W3628,21010-W3685
2.8 D (62 kW) Eng.LD28	85-87	**PA203**				21010-E3000,21010-E3026/ 7/ 8,21010-P7503 21010-P7525/ 6/ 7/ 8/ 9 21010-P7585/ 6/ 7/ 8,21010-V0725/ 6 21010-W3628,21010-W3685
Maxima (J30) '10/88-'6/94						
3.0 i (125 kW) Eng.VG30E	88-94	**PA602**				21010-16E02/ 25/ 26
Maxima Qx (A32) '1/95-'8/00						
2.0 (103 kW) Eng.VQ20DE	95-00	**PA648**				21010-31U25/ 6/ 7/ -31U85
3.0 (142 kW) Eng.VQ30DE	95-00	**PA648**				21010-31U25/ 6/ 7/ -31U85
Maxima Qx (A33) '10/97-'12/03						
2.0 V6 24v, SW (103 kW) Eng.VQ20DE	97-	**PA648**				21010-31U25/ 6/ 7/ -31U85
3.0 SW (142 kW) Eng.VQ30DE	00-	**PA648**				21010-31U25/ 6/ 7/ -31U85
3.0 V6 (157 kW) Eng.VQ30DE	99-03	**PA648**				21010-31U25/ 6/ 7/ -31U85
3.0 V6 24v (147 kW) Eng.VQ30DE	00-	**PA648**				21010-31U25/ 6/ 7/ -31U85
Micra I (K10) '12/82-'7/92						
1.0 (37-40-43 kW) Eng.MA10S	1/89-91	**PA611**		•		21010-19B25,21010-24B25
	82-12/88	**PA436**		•		21010-01B25/ 6/ 7/ 8,21010-01BY9
1.2 (40-44 kW) Eng.MA12S	1/89-92	**PA611**		•		21010-19B25,21010-24B25
	86-12/88	**PA436**		•		21010-01B25/ 6/ 7/ 8,21010-01BY9
Micra II (K11) '8/92-'2/03						
1.0 i 16v (40 kW) Eng.CG10DE/GE	92-00	**PA537**				21010-41B00/ 3,21010-99B00
1.0 i 16v (44 kW) Eng.CG10DE	00-03	**PA537**				21010-41B00/ 3,21010-99B00
1.3 i 16v (55 kW) Eng.CG13DE/GE	92-00	**PA537**				21010-41B00/ 3,21010-99B00
1.4 i 16v (60 kW) Eng.CGA3DE	00-03	**PA537**				21010-41B00/ 3,21010-99B00
1.5 D (42 kW) Eng.TD15/TUD5	98-03	**PA491**		•		21010-6F900/ 6 / 7
Micra III (K12) '1/03-'11/10						
1.0 16v (48 kW) Eng.CR10DE	03-	**PA882**				21010-BX000
1.2 16v (48 kW) Eng.CR12	03-	**PA882**				21010-BX000
1.2 16v (59 kW) Eng.CR12DE	03-	**PA882**				21010-BX000
1.3 (60 kW) Eng.CGA3DE	04-	**PA882**				21010-BX000
1.4 16v (65 kW) Eng.CR14DE	03-	**PA882**				21010-BX000
1.5 DCi (48 kW) Eng.K9K	03-	**PA821**		•		21010-00QAS/ AT,21010-BN700
	1/03-	**KP821-1**		•	+screw/vite, Belt:123x27, PA821	13070-BN700 16806-00QA8/ AX/ 0E/ AE/ AS/ AT 21010-BN700,21010-NB700
1.5 DCi (50 kW) Eng.K9K	03-	**PA977**		•		21010-00Q0E
1.5 DCi (60 kW) Eng.K9K	03-	**PA821**		•		21010-00QAS/ AT,21010-BN700
1.5 DCi (63 kW) Eng.K9K	07-	**PA977**		•		21010-00Q0E
1.6 16v (81 kW) Eng.HR16DE	05-07	**PA1065**				21010-EE025,B1010-1HC0A
	07-	**PA1131**				21010-ED025,B1010-ED00A

PA203

PA434

PA539



PA648

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		GRAF ref.			NOTE	Adaptable for OES
Micra III Cabrio '8/05-'11/10						
1.4 16v (65 kW) Eng.CR14DE	05-	**PA882**				21010-BX000
1.6 16v (81 kW) Eng.HR16DE	05-07	**PA1065**				21010-EE025,B1010-1HC0A
	07-	**PA1131**				21010-ED025,B1010-ED00A
Micra IV (K13) '12/10-						
1.2 12v (56-59 kW) Eng.HR12DE	10-	**PA1065**				21010-EE025,B1010-1HC0A
1.2 Dig-s (72 kW) Eng.HR12DDR	11-	**PA1065**				21010-EE025,B1010-1HC0A
Navara II (D40) '7/05-						
2.5 DCi (106 kW) Eng.YD25DDTI	05-10	**PA1066**				21010-EB300/ 30A/ 325
2.5 DCi (120 kW) Eng.YD25DDTI	06-10	**PA1066**				21010-EB300/ 30A/ 325
2.5 DCi 4WD (128 kW) Eng.YD25DDTI	05-10	**PA1066**				21010-EB300/ 30A/ 325
2.5 DCi, 4WD (126 kW) Eng.YD25DDTI	06-10	**PA1066**				21010-EB300/ 30A/ 325
Note I (E11E) '3/06-						
1.4 16v (65 kW) Eng.CR14DE	3/06-	**PA882**				21010-BX000
1.5 DCi (50 kW) Eng.K9K752	06-	**PA977**		•		21010-00Q0E
1.5 DCi (63 kW) Eng.K9K276	06-	**PA977**		•		21010-00Q0E
1.5 DCi (66 kW) Eng.K9K	10-	**PA1091**		•		21010-00Q0M
1.5 DCi (76 kW) Eng.K9K278	08-	**PA1091**		•	Euro 5	21010-00Q0M
	08-	**PA977**		•	Exc. Euro 5	21010-00Q0E
1.6 16v (81 kW) Eng.HR16DE	07-	**PA1131**				21010-ED025,B1010-ED00A
	3/06-07	**PA1065**				21010-EE025,B1010-1HC0A
Note II '8/13-						
1.5 DCi (66 kW) Eng.K9K	13-	**PA1091**		•		21010-00Q0M
Pathfinder II (R50) '9/97-'2/05						
2.7 TD 4WD (96 kW) Eng.TD27ETi	97-05	**PA932**				21010-0F001/ 2/ 3,21010-7F400 21010-80G01/ 25/ 6/ 7/ 8/ 85/ 89 21010-G2404,B1010-80G0E
3.3 (125 kW) Eng.VG33E	99-04	**PA648**				21010-31U25/ 6/ 7/ -31U85
3.3 V6 4WD (110 kW) Eng.VG33E	98-00	**PA648**				21010-31U25/ 6/ 7/ -31U85
3.3 V6 4WD (125 kW) Eng.VG33E	97-05	**PA648**				21010-31U25/ 6/ 7/ -31U85
3.5 V6 4WD (162 kW) Eng.VQ35	00-05	**PA648**				21010-31U25/ 6/ 7/ -31U85
Pathfinder III (R51) '3/05-						
2.5 DCi (126 kW) Eng.YD25DDTI	08-10	**PA1066**				21010-EB300/ 30A/ 325
2.5 DCi 4WD (120 kW)	05-10	**PA1066**				21010-EB300/ 30A/ 325
2.5 DCi 4WD (128 kW) Eng.YD25DDTI	05-10	**PA1066**				21010-EB300/ 30A/ 325
Patrol I (W/K160) SW / Safari '11/79-'11/95						
2.8 (88-89 kW) Eng.L28	80-88	**PA203**				21010-E3000,21010-E3026/ 7/ 8,21010-P7503 21010-P7525/ 6/ 7/ 8/ 9 21010-P7585/ 6/ 7/ 8,21010-V0725/ 6 21010-W3628,21010-W3685
2.8 TD (85 kW) Eng.RD28T	86-88	**PA539**				21010-22J00/ 26,21010-28J25/ 6 BA010-22J25
3.3 D (70 kW) Eng.SD33	79-88	**PA781**				21010-61504/ 5/ -61526/ 7/ 8/ 9/ -61585 21010-615Y5
3.3 TD (81 kW) Eng.SD33T	83-88	**PA781**				21010-61504/ 5/ -61526/ 7/ 8/ 9/ -61585 21010-615Y5
Patrol I (Y60) Gr / Safari '9/82-'6/97						
2.8 TD (85 kW) Eng.RD28T	88-97	**PA539**				21010-22J00/ 26,21010-28J25/ 6 BA010-22J25
Pixo '6/09-						
1.0 (50 kW) Eng.K10B	09-	**PA1052**				210104A00F
Prairie (M10, NM10) '7/83-'9/88						
1.5 S (55 kW) Eng.E15S	84-87	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
1.8 (66 kW) Eng.CA18S	7/83-6/86	**PA777**				21010-D0104/ -D0125/ 6,BA010-D0126

PA435

PA493A

PA508

PA703

PA777

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PA823

PA830

PA907

PA1070

PA1097

		GRAF ref.			NOTE	Adaptable for OES
1.8 (66 kW) Eng.CA18S	7/86-87	**PA435**				21010-06E25/ 6,BA010-06E26
2.0 2WD (68-71-77-85 kW) Eng.CA20S	7/83-6/86	**PA777**				21010-D0104/ -D0125/ 6,BA010-D0126
	7/86-88	**PA435**				21010-06E25/ 6,BA010-06E26
2.0 4WD (68-71-77-85 kW) Eng.CA20S	7/86-88	**PA435**				21010-06E25/ 6,BA010-06E26
Prairie Pro (M11) '10/88-'7/94						
2.0 i (71-72-77-85 kW) Eng.CA20EKat.	88-92	**PA784**				21010-06EY6,21010-71E26/ 7 / 8
2.0 i 4WD (71-72-77-85 kW) Eng.CA20EKat.	88-92	**PA784**				21010-06EY6,21010-71E26/ 7 / 8
Primera I (P10) '6/90-'6/96						
1.6 (66-71-73-75 kW) Eng.GA16DE/DS	90-96	**PA493A**				21010-0M300/ 1/ 2,21010-53Y00/ 1 21010-71J00
2.0 16v, 4WD (85-96-103 kW) Eng.SR20DI(SPI)	90-96	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
2.0 D (55 kW) Eng.CD20	91-96	**PA703**				21010-57J00/ 1/ 2/ 3/ 25/ 26/ 28
2.0 GT (110 kW) Eng.SR20DEEGIKat.	90-96	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
2.0 i (92 kW) Eng.SR20DE	95-96	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
Primera I (W10) SW/ Avenir '7/90-'3/98						
1.6 (66-71-73-75 kW) Eng.GA16DE/DS	90-98	**PA493A**				21010-0M300/ 1/ 2,21010-53Y00/ 1 21010-71J00
2.0 16v (85-96-103 kW) Eng.SR20DI(SPI)	90-98	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
2.0 D (55 kW) Eng.CD20	90-95	**PA703**				21010-57J00/ 1/ 2/ 3/ 25/ 26/ 28
2.0, 4WD (110 kW) Eng.SR20DE	90-95	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
Primera II (P11) '9/96-'2/02						
1.6 16v (66-73 kW) Eng.GA16DE	6/96-02	**PA493A**				21010-0M300/ 1/ 2,21010-53Y00/ 1 21010-71J00
1.6 16v (78 kW) Eng.QG16DE	9/00-02	**PA830**				21010-4M525/ 6,21010-9F600/ 5
1.8 16v (84 kW) Eng.QG18DE	8/99-02	**PA830**				21010-4M525/ 6,21010-9F600/ 5
2.0 16v (110 kW) Eng.SR20DEEGIKat.	96-02	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
2.0 16v (85 kW) Eng.SR20DI(SPI)	96-02	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
2.0 16v (96 kW) Eng.SR20DE(MPI)	6/96-02	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
2.0 i 16v (103 kW) Eng.SR20DE	99-02	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
2.0 TD (66 kW) Eng.CD20T	6/96-02	**PA703**				21010-57J00/ 1/ 2/ 3/ 25/ 26/ 28
Primera II (WP11) SW '4/98-'2/02						
1.6 16v (66-73 kW) Eng.GA16DE	98-02	**PA493A**				21010-0M300/ 1/ 2,21010-53Y00/ 1 21010-71J00
1.8 16v (84 kW) Eng.QG18DE	99-02	**PA830**				21010-4M525/ 6,21010-9F600/ 5
2.0 16v (103 kW) Eng.SR20DE	99-02	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
2.0 16v (85 kW) Eng.SR20DI(SPI)	98-02	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
2.0 16v (96 kW) Eng.SR20DE(MPI)	98-02	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
2.0 TD (66 kW) Eng.CD20T	98-02	**PA703**				21010-57J00/ 1/ 2/ 3/ 25/ 26/ 28
Primera III (W/ P12), SW '3/02-						
1.6 (78 kW) Eng.QG16DE	02-	**PA830**				21010-4M525/ 6,21010-9F600/ 5
1.6 (80 kW) Eng.QG16DE	02-	**PA830**				21010-4M525/ 6,21010-9F600/ 5
1.8 16v (84 kW) Eng.QG18DE	02-	**PA830**				21010-4M525/ 6,21010-9F600/ 5
1.9 DCi (85 kW) Eng.F9Q	02-	**PA907**		•		21010-AW300
	07-	**PA1097**		•	+RB	21010-00Q0N
1.9 DCi (88 kW) Eng.F9Q	03-	**PA907**		•		21010-AW300
	07-	**PA1097**		•	+RB	21010-00Q0N
2.0 16v (103 kW) Eng.QR20DE	02-	**PA1070**				21010-6N225/ 6
2.2 DCi (102 kW) Eng.YD22	03-	**PA823**				21010-AD200/ 225/ 6,B1010-AD226

PA201

PA434

PA435

PA493A

PA508

PA538

PA635

PA660

PA770

PA823

PA830

PA977

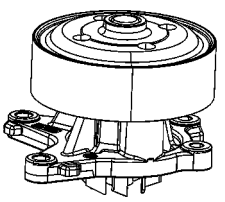
PA1037

PA1042

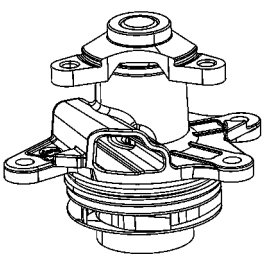
PA1070

PA1091

PA1131



PA1183



PA1185

		GRAF ref.			NOTE	Adaptable for OES
2.2 Di (81-84-93 kW) Eng.YD22DDT	02-	**PA823**				21010-AD200/ 225/ 6,B1010-AD226
Pulsar I/ Langley '8/78-'12/83						
1.2, Coupe, SW (38 kW) Eng.A12	78-81	**PA201**				21010-18025,21010-H1025/ 6,21010-H5000 21010-H5025/ 6/ 8,21010-M6625/ 6 BA010-M6686
1.4, Coupe, SW (59 kW) Eng.A14S	80-81	**PA201**				21010-18025,21010-H1025/ 6,21010-H5000 21010-H5025/ 6/ 8,21010-M6625/ 6 BA010-M6686
Pulsar III/ Langley '6/86-'10/91						
1.3 (44 kW) Eng.E13S	86-91	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
1.4 (55 kW) Eng.GA14S	88-91	**PA538**				21010-77A00
1.5, SW, Coupe (52 kW) Eng.E15S	86-88	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
1.6 GTI 16v, Coupe (81 kW) Eng.CA16D	87-88	**PA435**				21010-06E25/ 6,BA010-06E26
1.6 i 12v, SW, Coupe, 4WD (66 kW) Eng.GA16i	88-91	**PA538**				21010-77A00
1.6, 4WD, Coupe, SW (54 kW) Eng.E16i	86-90	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
1.6, SW, Coupe (62 kW) Eng.E16S	86-88	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
1.7 D, SW (40 kW) Eng.CD17	86-89	**PA770**		•		21010-54A26/ 7,BA010-54A26
1.8 GTI 16v, Coupe (92 kW) Eng.CA18D	89-91	**PA435**				21010-06E25/ 6,BA010-06E26
Qashqai I (J10) '2/07-'1/14						
1.5 DCi (76 kW) Eng.K9K772	08-	**PA977**		•	Eng. EURO 4	21010-00Q0E
	10-	**PA1091**		•	Eng. EURO 5	21010-00Q0M
1.5 DCi (78 kW) Eng.K9K764	07-	**PA977**		•	Eng. EURO 4	21010-00Q0E
	10-	**PA1091**		•	Eng. EURO 5	21010-00Q0M
1.5 DCi (81 kW) Eng.K9K	10-	**PA1091**		•	Euro 5	21010-00Q0M
	10-	**PA977**		•	Exc. Euro 5	21010-00Q0E
1.6 (81 kW) Eng.HR16DE	07-	**PA1131**				21010-ED025,B1010-ED00A
1.6 (86 kW) Eng.HR16DE	10-	**PA1131**				21010-ED025,B1010-ED00A
1.6 16v (84 kW) Eng.HR16DE	07-	**PA1131**				21010-ED025,B1010-ED00A
1.6 DCi, Allrad (96 kW) Eng.R9M	11-	**PA1185**				21010-00Q2C
2.0 16v, Allrad (104 kW) Eng.MR20DE	07-	**PA1183**				B1010-1GZ0A/ -EN20B
2.0 DCi, Allrad (110 kW) Eng.M9R7	07-	**PA1037**		•		21010-00Q0C
Sentra VI (B15) '1/01-'12/06						
1.8 (88 kW) Eng.QG18DE	00-06	**PA830**				21010-4M525/ 6,21010-9F600/ 5
1.8 16v (94 kW) Eng.QG18DE	01-06	**PA830**				21010-4M525/ 6,21010-9F600/ 5
2.0 (100 kW) Eng.SR20DE	01-06	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
2.0 (107 kW) Eng.SR20DE	00-	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
2.5 16v (130 kW) Eng.QR25DE	01-06	**PA1070**				21010-6N225/ 6
Serena (C23M) '11/92-						
1.6 16v (71 kW) Eng.GA16DE	93-	**PA493A**				21010-0M300/ 1/ 2,21010-53Y00/ 1 21010-71J00
2.0 16v (93 kW) Eng.SR20DE	92-	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
2.0 D (49 kW) Eng.LD20	92-	**PA635**				21010-G5510/ -G5526/ -G5585/ 6/ -G5594/ -G8125 BA010-G5586 21010-G5510/ -G5526/ -G5585/ 6/ -G5594/ -G8125 BA010-G5586
2.0, 4WD (107 kW) Eng.SR20DE	00-	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
2.3 D (55 kW) Eng.LD23	95-	**PA660**				21010-9C600
2.5 DCi (110 kW) Eng.YD25DDTi	00-	**PA1042**				21010-VK525,B1010-VK525

PA201

PA434

PA435

Girante / Impeller
h 10,3

PA493A

Girante / Impeller
h 10,45

PA538

PA540

PA770

PA777

PA788

		GRAF ref.			NOTE	Adaptable for OES
Silvia II (S12) '4/84-'9/88						
1.8 T. (68 kW) Eng.CA18ET	84-88	**PA540**				21010-50VY5,21010-V5500 21010-V5525/ 7/ 8/ 9,21010-V5585 21010-W4425/ 6
2.0 GP (107 kW) Eng.FJ20E	84-88	**PA540**				21010-50VY5,21010-V5500 21010-V5525/ 7/ 8/ 9,21010-V5585 21010-W4425/ 6
Stanza II (T11) '8/81-'12/85						
1.6 (61 kW) Eng.CA16S	81-85	**PA777**				21010-D0104/ -D0125/ 6,BA010-D0126
1.7 TD Eng.CD17T	84-85	**PA770**		•		21010-54A26/ 7,BA010-54A26
1.8, SGL (65-66 kW) Eng.CA18/S	81-85	**PA777**				21010-D0104/ -D0125/ 6,BA010-D0126
Stanza III (T12)/ Auster '1/86-'12/90						
1.8 (65-74 kW) Eng.CA18I	1/86-7/86	**PA777**				21010-D0104/ -D0125/ 6,BA010-D0126
1.8 16v (92-95 kW) Eng.CA18D	88-90	**PA788**				21010-05E25/ 6/ 7
2.0 (71-77-85 kW) Eng.CA20E/S	85-86	**PA777**				21010-D0104/ -D0125/ 6,BA010-D0126
2.0 D (44 kW) Eng.LD20	85-	**PA788**				21010-05E25/ 6/ 7
Sunny (140Y, 150Y) '1/70-'2/82						
1.4, SW (48-49-59 kW) Eng.A14	70-82	**PA201**				21010-18025,21010-H1025/ 6,21010-H5000 21010-H5025/ 6/ 8,21010-M6625/ 6 BA010-M6686
1.5, SW (51 kW) Eng.A15/S	79-82	**PA201**				21010-18025,21010-H1025/ 6,21010-H5000 21010-H5025/ 6/ 8,21010-M6625/ 6 BA010-M6686
Sunny I (B) '1/71-'2/82						
120, Pick-up (38 kW) Eng.A12	71-82	**PA201**				21010-18025,21010-H1025/ 6,21010-H5000 21010-H5025/ 6/ 8,21010-M6625/ 6 BA010-M6686
130A Eng.A13	79-82	**PA201**				21010-18025,21010-H1025/ 6,21010-H5000 21010-H5025/ 6/ 8,21010-M6625/ 6 BA010-M6686
Sunny II (B11), SW '3/82-'9/87						
1.3, Coupe (44 kW) Eng.E13S	82-87	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
1.5, Coupe (55 kW) Eng.E15S	82-86	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
1.6 (54 kW) Eng.E16	85-86	**PA201**				21010-18025,21010-H1025/ 6,21010-H5000 21010-H5025/ 6/ 8,21010-M6625/ 6 BA010-M6686
1.6 Coupe (62 kW) Eng.E16S	84-86	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
Sunny III (N13, B12) '6/86-'10/91						
1.3 (44 kW) Eng.E13S	86-91	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
1.4 (55 kW) Eng.GA14S	88-91	**PA538**				21010-77A00
1.5, SW, Coupe (52 kW) Eng.E15S	86-88	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
1.6 GTI 16v, Coupe (81 kW) Eng.CA16D	87-88	**PA435**				21010-06E25/ 6,BA010-06E26
1.6 i 12v, SW, Coupe, 4WD (66 kW) Eng.GA16i	88-91	**PA538**				21010-77A00
1.6, 4WD, Coupe, SW (54 kW) Eng.E16i	86-90	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
1.6, SW, Coupe (62 kW) Eng.E16S	86-88	**PA434**				21010-01M00/ 1/ 25,21010-50A25/ 6/ 7/ 8 21010-50A94
1.7 D, SW (40 kW) Eng.CD17	86-89	**PA770**		•		21010-54A26/ 7,BA010-54A26
1.8 GTI 16v, Coupe (92 kW) Eng.CA18D	89-91	**PA435**				21010-06E25/ 6,BA010-06E26
Sunny IV (N14) '10/90-'6/95						
1.4 i (55 kW) Eng.GA14DS/DE	90-95	**PA493A**				21010-0M300/ 1/ 2,21010-53Y00/ 1 21010-71J00

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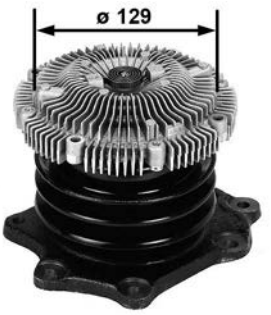

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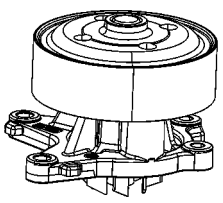

PA1183

		GRAF ref.			NOTE	Adaptable for OES
1.4 i 16v (64 kW) Eng.GA14DE	90-95	**PA493A**				21010-0M300/ 1/ 2,21010-53Y00/ 1 21010-71J00
1.6 16v, 4WD, SW (75-78 kW) Eng.GA16DE	92-95	**PA493A**				21010-0M300/ 1/ 2,21010-53Y00/ 1 21010-71J00
1.6, 16v 4WD, SW (66 kW) Eng.GA16DS/DE/DEL	90-95	**PA493A**				21010-0M300/ 1/ 2,21010-53Y00/ 1 21010-71J00
1.7 D (40 kW) Eng.CD17	5/92-10/93	**PA770**		•		21010-54A26/ 7,BA010-54A26
1.7 D 4WD (40 kW) Eng.CD17	5/92-10/93	**PA770**		•		21010-54A26/ 7,BA010-54A26
2.0 D, SW (55 kW) Eng.CD20	90-95	**PA703**				21010-57J00/ 1/ 2/ 3/ 25/ 26/ 28
2.0 GTI 16v (105-110 kW) Eng.SR20DE	90-95	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501
						Teana I (J31) '10/03-'6/08
2.0 (103 kW) Eng.QR20DE	03-08	**PA1070**				21010-6N225/ 6
						Terrano I (WD21) '10/87-'2/96
2.3 TD Eng.TD23T	2/88-6/93	**PA814**				21010-43G25/ 6/ 7/ 8 / 9/ 86,B1010-43G0A
2.4 i 4WD (74-76-79 kW) Eng.Z24i	87-93	**PA812**				21010-80W25/ 6/ 7/ 94
2.5 TD (76 kW) Eng.TD25T	87-	**PA814**				21010-43G25/ 6/ 7/ 8 / 9/ 86,B1010-43G0A
2.7 D (58 kW) Eng.TD27	87-93	**PA814**				21010-43G25/ 6/ 7/ 8 / 9/ 86,B1010-43G0A
2.7 TD 4WD (73 kW) Eng.TD27T	89-93	**PA932**				21010-0F001/ 2/ 3,21010-7F400 21010-80G01/ 25/ 6/ 7/ 8/ 85/ 89 21010-G2404,B1010-80G0E
3.0 i 4WD (109 kW) Eng.VG30E	90-93	**PA813**				21010-12G26/ 8
						Terrano II (R20) '2/93-
2.4 4WD (85-87 kW) Eng.KA24E	96-02	**PA927**				21010-40F25/ 6/ 7,21010-VJ225,25100-86G00
2.4 i 12v 4WD (91 kW) Eng.KA24E	93-96	**PA927**				21010-40F25/ 6/ 7,21010-VJ225,25100-86G00
2.7 TD 4WD (74 kW) Eng.TD27T	93-02	**PA932**				21010-0F001/ 2/ 3,21010-7F400 21010-80G01/ 25/ 6/ 7/ 8/ 85/ 89 21010-G2404,B1010-80G0E
2.7 TDi 4WD (92 kW) Eng.TD27TI	96-	**PA932**				21010-0F001/ 2/ 3,21010-7F400 21010-80G01/ 25/ 6/ 7/ 8/ 85/ 89 21010-G2404,B1010-80G0E
						Tiida (C11X)/ Versa '9/07-
1.5 DCi (76 kW) Eng.K9K772	07-	**PA977**		•		21010-00Q0E
1.5 DCi (78 kW) Eng.K9K728	07-	**PA977**		•		21010-00Q0E
1.6 (81 kW) Eng.HR16DE	07-	**PA1131**				21010-ED025,B1010-ED00A
						Trade '1/86-
3.0 TD (78 kW) Eng.BD-30Ti	96-98	**PA995**				21010-44G85
						Violet '1/73-'1/81
1.6 (75 kW) Eng.L16S	73-81	**PA202**				21010-21000,21010-21025/ 6,21010-21088 21010-210Y5
						X-Trail I (T30) '7/01-'6/07
2.0 16v (103 kW) Eng.QR20DE	01-	**PA1070**				21010-6N225/ 6
2.0, 4WD (110 kW) Eng.QR20DE	01-	**PA1070**				21010-6N225/ 6
2.2 DCi (100 kW) Eng.YD22DDTi	03-	**PA823**				21010-AD200/ 225/ 6,B1010-AD226
2.2 DCi (81-84-93 kW) Eng.YD22DDT	01-	**PA823**				21010-AD200/ 225/ 6,B1010-AD226
2.5 (121 kW) Eng.QR25DE	03-	**PA1070**				21010-6N225/ 6
2.5 4WD (132 kW) Eng.QR25DE	02-	**PA1070**				21010-6N225/ 6
2.5 4WD (134 kW) Eng.QR25DE	01-	**PA1070**				21010-6N225/ 6
						X-Trail II (T31) '7/07-
2.0 16v, FWD (103 kW) Eng.QR20DE	07-	**PA1070**				21010-6N225/ 6
2.0 DCi (110 kW) Eng.M9R7	07-	**PA1037**		•		21010-00Q0C
2.0 DCi (127 kW) Eng.M9R760	07-	**PA1037**		•		21010-00Q0C
2.0 DCi 4WD (130 kW) Eng.M9R760	09-	**PA1037**		•		21010-00Q0C
2.0, FWD (104 kW) Eng.MR20DE	07-10	**PA1183**				B1010-1GZ0A/ -EN20B
2.5 16v, 4WD (124 kW) Eng.QR25DE	07-	**PA1070**				21010-6N225/ 6

PA202

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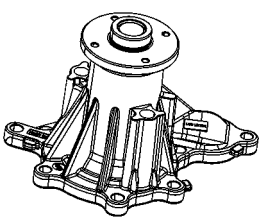

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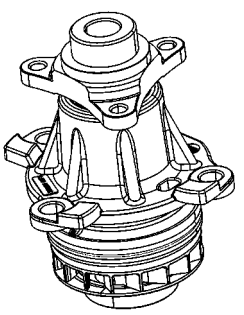


PA1182

KP822-1

KP983-1

		GRAF ref.			NOTE	Adaptable for OES
Cabstar II (10Q) '1/82-'12/87						
2.0 (64 kW) Eng.Z20	82-87	**PA203**				21010-E3000,21010-E3026/ 7/ 8,21010-P7503 21010-P7525/ 6/ 7/ 8/ 9 21010-P7585/ 6/ 7/ 8,21010-V0725/ 6 21010-W3628,21010-W3685
Cabstar II (15Q) '1/82-'12/90						
2.0 (64 kW) Eng.Z20	82-87	**PA203**				21010-E3000,21010-E3026/ 7/ 8,21010-P7503 21010-P7525/ 6/ 7/ 8/ 9 21010-P7585/ 6/ 7/ 8,21010-V0725/ 6 21010-W3628,21010-W3685
Cabstar IV (E) '1/98-'9/06						
2.7 TDi (66 kW) Eng.TD27T	98-	**PA995**				21010-44G00,21010-44G25,21010-44G26 21010-44G27,21010-44G29,21010-69T02
3.0 TDi (78-88-92 kW) Eng.BD-30Ti	98-	**PA995**				21010-44G00,21010-44G25,21010-44G26 21010-44G27,21010-44G29,21010-69T02
Interstar (X70) '7/02-						
1.9 DCi (60 kW) Eng.F9Q772	6/02-	**PA822**		•		21010-00QAC
	7/02-	**KP822-1**		•	Belt:132x26, PA822	16806-00Q0A/ AF/ AJ,21010-00Q0K/ AC 77014-72182
2.2 DCi (66 kW) Eng.G9T722	6/02-	**PA803**				21010-00QAD
2.5 DCi (73 kW) Eng.G9U754	03-	**PA803**				21010-00QAD
2.5 DCi (84 kW) Eng.G9U720	02-	**PA803**				21010-00QAD
Kubistar (X76) '8/03-						
1.2 (44 kW) Eng.D7F726	03-12/03	**PA632**		•		21010-00Q0B
	1/04-	**PA981**		•	+RB	21010-00Q0L,21010-00Q2B
1.2 16v (55 kW) Eng.D4F712	06-	**PA820**		•		21010-00QAH/ AK/ AL/ AR
1.2 16v (55 kW) Eng.D4F730	05-	**PA983**		•	+RB	21010-00Q1G
	05-	**KP983-1**		•	Belt:95x23,4, PA983	11720-00QA0,13077-00QAG/ AL,21010-00Q0G
1.5 DCi (42 kW) Eng.K9K	03-	**PA821**		•		21010-00QAS/ AT,21010-BN700
1.5 DCi (45 kW) Eng.K9K710/714	05-	**PA821**		•		21010-00QAS/ AT,21010-BN700
1.5 DCi (48 kW) Eng.K9K704	03-	**PA821**		•		21010-00QAS/ AT,21010-BN700
1.5 DCi (50 kW) Eng.K9K700	06-	**PA821**		•		21010-00QAS/ AT,21010-BN700
1.5 DCi (60 kW) Eng.K9K710/722	03-	**PA821**		•		21010-00QAS/ AT,21010-BN700
1.5 DCi (62 kW) Eng.K9K718	06-	**PA977**		•		21010-00Q0E
1.6 16v (70 kW) Eng.K4M752	03-07	**PA724A**		•		21010-00QAA
	07-	**PA1043**		•	+RB	21010-00Q0F/ 1A
NP300 '8/08-						
2.5 DCi, 4WD (98 kW) Eng.YD25DDTi	10-	**PA1181**				21010-EB70A
NV200 '10/09-						
1.5 DCi (63 kW) Eng.K9K	09-	**PA977**		•		21010-00Q0E
1.5 DCi (66 kW) Eng.K9K	10-	**PA977**		•		21010-00Q0E
1.5 DCi (81 kW) Eng.K9K	11-	**PA977**		•		21010-00Q0E
1.6 (79-81 kW) Eng.HR16DE	09-	**PA1131**				21010-ED025,B1010-ED00A
NV400 '11/11-						
2.3 DCi (74 kW) Eng.M9T670/672/676	11-	**PA1182**				21010-00Q1F
2.3 DCi, RWD (107 kW) Eng.M9T678/680/694/696/698	11-	**PA1182**				21010-00Q1F
2.3 DCi, RWD (92 kW) Eng.M9T670/672/676	11-	**PA1182**				21010-00Q1F
Pick-Up/King Cab (D21) '9/85-'2/98						
2.0 (64-66 kW) Eng.Z20	85-91	**PA202**				21010-21000,21010-21025/ 6,21010-21088 21010-210Y5
2.4 i 12v (91 kW) Eng.KA24E	92-98	**PA927**				21010-40F25/ 6 / 7,25100-86G00
2.4 i 12v 4WD (93 kW) Eng.KA24E	92-98	**PA927**				21010-40F25/ 6 / 7,25100-86G00
2.4 i, 4WD (74 kW) Eng.Z24i	88-92	**PA812**				21010-80W25/ 6 / 7/ 94

PA202

PA203

PA493A

PA508

PA635

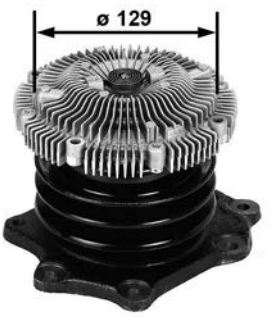
PA803

PA813

PA814

PA822

PA927



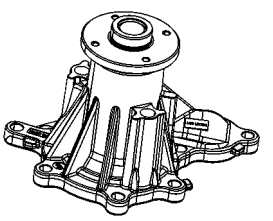
PA932

PA995

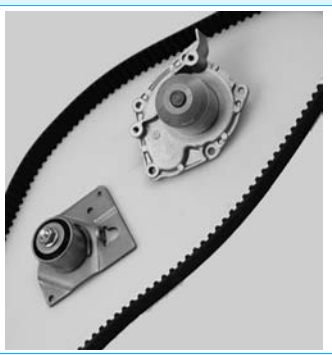
PA1037

PA1042

PA1087



PA1181



KP822-1

		GRAF ref.			NOTE	Adaptable for OES
2.4, 4WD (76 kW) Eng.Z24	85-92	**PA202**				21010-21000,21010-21025/ 6,21010-21088 21010-210Y5
2.5 TD, 4WD (55-59-61 kW) Eng.TD25	87-96	**PA814**				21010-43G25/ 6/ 7/ 8/ 9/ 86,B1010-43G0A
2.7 TD, 4WD (58-73 kW) Eng.TD27	87-98	**PA932**				21010-0F001/ 2/ 3,21010-7F400 21010-80G01/ 25/ 6/ 7/ 8/ 85/ 89 21010-G2404,B1010-80G0E
3.0 i V6 4WD (125-149-109 kW) Eng.VG30E	90-98	**PA813**				21010-12G26/ 8
Pick-Up/King Cab (D22) '2/98-						
2.4 (87 kW) Eng.KA24E	98-01	**PA927**				21010-40F25/ 6 / 7,25100-86G00
2.4 i 4WD (98 kW) Eng.KA24DE	02-3/03	**PA927**				21010-40F25/ 6 / 7,25100-86G00
2.4 i, 4WD (88 kW) Eng.KA24E	98-	**PA927**				21010-40F25/ 6 / 7,25100-86G00
2.4, 4WD (110 kW) Eng.KA24DE	03-08	**PA927**				21010-40F25/ 6 / 7,25100-86G00
2.4, 4WD (76 kW) Eng.Z24	85-94	**PA927**				21010-40F25/ 6 / 7,25100-86G00
2.4, 4WD (79 kW) Eng.Z24/S	97-02	**PA927**				21010-40F25/ 6 / 7,25100-86G00
2.5 Di, 4WD (98 kW) Eng.YD25DDTi	02-4/09	**PA1042**				21010-VK525,B1010-VK525
	5/09-12	**PA1181**				21010-EB70A
2.5 TD, 4WD (61 kW) Eng.TD25	98-	**PA814**				21010-43G25/ 6/ 7/ 8/ 9/ 86,B1010-43G0A
Primastar (X83) '3/01-						
1.9 DCi (60 kW) Eng.F9Q760	01-	**PA822**		•		21010-00QAC
	3/01-	**KP822-1**		•	Belt:132x26, PA822	16806-00Q0A/ AF/ AJ,21010-00Q0K/ AC 77014-72182
1.9 DCi (74 kW) Eng.F9Q762	01-	**PA822**		•		21010-00QAC
	3/01-	**KP822-1**		•	Belt:132x26, PA822	16806-00Q0A/ AF/ AJ,21010-00Q0K/ AC 77014-72182
2.0 (86 kW) Eng.F4R720/722	01-	**PA822**		•		21010-00QAC
	05-	**PA1087**		•	+RB	21010-00Q0K
2.0 DCi 115 (84 kW) Eng.M9R780	03-	**PA1037**		•		21010-00Q0C
2.0 DCi 120 (88 kW) Eng.M9R780	06-	**PA1037**		•		21010-00Q0C
2.0 DCi 90 (66 kW) Eng.M9R780	03-	**PA1037**		•		21010-00Q0C
2.5 DCi (107 kW) Eng.G9U630	03-	**PA803**				21010-00QAD
2.5 DCi (84 kW) Eng.G9U720	08-	**PA803**				21010-00QAD
2.5 DCi (99 kW) Eng.G9U730	03-	**PA803**				21010-00QAD
Sunny III (Y10) Van '11/90-						
1.6 16v (66 kW) Eng.GA16DE	92-97	**PA493A**				21010-0M300/ 1/ 2,21010-53Y00/ 1 21010-71J00
Urvan I (E23) '7/81-'11/88						
2.0 (55 kW) Eng.H20	81-82	**PA203**				21010-E3000,21010-E3026/ 7/ 8,21010-P7503 21010-P7525/ 6/ 7/ 8/ 9 21010-P7585/ 6/ 7/ 8,21010-V0725/ 6 21010-W3628,21010-W3685
2.0 (64 kW) Eng.Z20	82-88	**PA203**				21010-E3000,21010-E3026/ 7/ 8,21010-P7503 21010-P7525/ 6/ 7/ 8/ 9 21010-P7585/ 6/ 7/ 8,21010-V0725/ 6 21010-W3628,21010-W3685
Urvan II (E24) '5/87-						
2.0 (64-66 kW) Eng.Z20/S	87-	**PA203**				21010-E3000,21010-E3026/ 7/ 8,21010-P7503 21010-P7525/ 6/ 7/ 8/ 9 21010-P7585/ 6/ 7/ 8,21010-V0725/ 6 21010-W3628,21010-W3685
2.5 D (59 kW) Eng.TD25	88-97	**PA995**				21010-44G00,21010-44G25,21010-44G26 21010-44G27,21010-44G29,21010-69T02
Vanette II (C22) '10/86-'12/95						
2.0 (66 kW) Eng.Z20S	89-90	**PA203**				21010-E3000,21010-E3026/ 7/ 8,21010-P7503 21010-P7525/ 6/ 7/ 8/ 9 21010-P7585/ 6/ 7/ 8,21010-V0725/ 6 21010-W3628,21010-W3685
2.0 D (47-49 kW) Eng.LD20	92-95	**PA635**				
2.0 i 16v (103 kW) Eng.SR20DE	7/92-	**PA508**				21010-53J00/ 1/ 3/ 4/ 5,21010-70J00 21010-9F501

PA234

PA493A

PA572A

PA635

PA660

PA729

PA958

PA991

PA1052

PA1068

PA1083

PA1124

		GRAF ref.			NOTE	Adaptable for OES
Vanette III Cargo (HC23) '1/95-						
1.6 (71-72-75 kW) Eng.GA16DE	95-	**PA493A**				21010-0M300/ 1/ 2,21010-53Y00/ 1 21010-71J00
2.0 D (49 kW) Eng.LD20	95-	**PA635**				
2.3 D (55 kW) Eng.LD23	95-	**PA660**				21010-9C600

OPEL

Adam '2/13-						
1.2 (51 kW) Eng.A12XEL	13-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.4 (64 kW) Eng.A14XEL	13-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.4 (74 kW) Eng.A14XER	13-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.4 GPL (64 kW) Eng.A14XEL	13-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
Admiral A '4/64-'3/69						
2.6 (74 kW) Eng.26S	64-65	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.8 (103 kW) Eng.28HL	67-69	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.8 (92 kW) Eng.28S	65-69	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
4.6 (140 kW) Eng.46S	65-69	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
Admiral B '3/69-'1/78						
2.8 (103-107 kW) Eng.28H	69-76	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.8 (118-121 kW) Eng.28E	69-78	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.8 (95-97 kW) Eng.28S	69-78	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
Agila A '9/00-'12/07						
1.0 12v (43 kW) Eng.Z10XE	8/00-	**PA729**	•			1334079,1334130,6334022/ 5,6334049 90542606,93182026,93189693
1.0 12v (44 kW) Eng.Z10XEP	03-	**PA958**				1334145,1334166,24469102
1.2 16v (55 kW) Eng.Z12XE	8/00-	**PA729**	•			1334079,1334130,6334022/ 5,6334049 90542606,93182026,93189693
1.2 16v Twinport (59 kW) Eng.Z12XEP	04-	**PA958**				1334145,1334166,24469102
1.3 CDTi 16v (51 kW) Eng.Z13DT	8/03-	**PA1083**				1334647,1334711,4708767,6334001,93177340 93195466
Agila B '1/08-						
1.0 (50 kW) Eng.K10B	08-	**PA1052**			Ch -AM999999	4709352,4711549,93194246
1.0 12v (48 kW) Eng.K10B	08-	**PA1052**			Ch -AM999999	4709352,4711549,93194246
1.2 16v (63 kW) Eng.K12B	08-	**PA1052**			Ch -AM999999	4709352,4711549,93194246
1.2 16v (69 kW) Eng.K12B	08-	**PA1052**			Ch -AM999999	4709352,4711549,93194246
1.3 CDTi 16v (55 kW) Eng.Z13DTJ	08-	**PA1083**				1334647,1334711,4708767,6334001,93177340 93195466
Antara (L07) '5/06-						
2.0 CDTi (110 kW) Eng.Z20DMH/Z20S	06-	**PA1068**		•		25183429,4805174,4817953
2.0 CDTi (93 kW) Eng.Z20DM	07-	**PA1068**		•		25183429,4805174,4817953
2.4 16v (104 kW) Eng.Z24XED	06-	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
2.4 LPG, 4WD (103 kW) Eng.Z24XE	08-	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
3.2 V6 (165 kW) Eng.Z32SEE	06-	**PA991**				1334648,6334043
3.2 V6 (167 kW) Eng.10HM	06-	**PA991**				1334648,6334043

PA046

3 fori mozzo / 3-hole hub

PA108

PA121

4 fori mozzo / 4-hole hub

PA150

PA234

PA235

PA236

PA237

PA244

PA324

PA325

PA441

PA443

KP442-1

		GRAF ref.			NOTE	Adaptable for OES
Ascona A '10/70-'8/75						
1.2 (44 kW) Eng.12S	72-75	**PA046**				1334029,2866233
1.6 (50 kW) Eng.16N	70-75	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.6 S (55-59 kW) Eng.16S	70-75	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.9 (65-66 kW) Eng.19S	71-75	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
Ascona B / Cavalier I '9/75-'8/81						
1.2 (40 kW) Eng.12N	76-79	**PA150**				1334058,9292375
1.2 (44 kW) Eng.12S	75-79	**PA150**				1334058,9292375
1.3 (44 kW) Eng.13N	79-81	**PA441**		•		1334004,1334023,1334070,90076952,9018327 3 90349241
1.3 (55 kW) Eng.13S	79-81	**PA441**		•		1334004,1334023,1334070,90076952,9018327 3 90349241
1.6 (44 kW) Eng.16N	75-81	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.6 (55 kW) Eng.16S	75-81	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.9 (55 kW) Eng.19N	76-81	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.9 (66 kW) Eng.19S	75-81	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.0 (66 kW) Eng.20N	77-81	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.0 (74 kW) Eng.20S	77-81	**PA244**			Ch C6067586-	1334097,90156532
	77-81	**PA234**			+RB, Ch -C6067585	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.0 (81 kW) Eng.20E	79-81	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.0 D (43 kW) Eng.20D	78-81	**PA121**			Eng -102685	1334045,1334074,1334087,3469874,90096415 90136382
	78-81	**PA237**			Eng 102686-	1334091,90136377
Ascona C / Cavalier II '9/81-'8/88						
1.3 (44 kW) Eng.13N	81-86	**PA441**		•		1334004,1334023,1334070,90076952,90183273 90349241
1.3 (55 kW) Eng.13S	81-88	**PA441**		•		1334004,1334023,1334070,90076952,90183273 90349241
1.6 (55 kW) Eng.16N/NZ	86-88	**PA235**		•	M/T+A/T, G.Box -14054370	1334013,1334084,90106656,90284802
	86-88	**PA325**		•	M/T+A/T, G.Box 14054371-	1334008,90220568,90272361,R1160018
1.6 (60 kW) Eng.16SV	86-88	**PA443**		•		1334011,1334024,90234200,90325661
1.6 (66 kW) Eng.16SH	81-86	**PA235**		•		1334013,1334084,90106656,90284802
1.6 D (40 kW) Eng.16D/16DA	82-88	**PA236**		•	G.Box -14478630	1334012,1334015,1334099,90106450,90285418
	82-88	**PA324**		•	G.Box 14478631-	1334014,90284913,90295078,R1160024
1.6 i, Kat (55 kW) Eng.C16LZ/E16NZ	86-88	**PA443**		•		1334011,1334024,90234200,90325661
1.8 (62 kW) Eng.E18NV	87-88	**PA235**		•	G.Box -14237769	1334013,1334084,90106656,90284802
	87-88	**PA325**		•	G.Box 14237770-	1334008,90220568,90272361,R1160018
1.8 (85 kW) Eng.18E	82-86	**PA235**		•		1334013,1334084,90106656,90284802
1.8 i (74 kW) Eng.C18NE/S18NV	82-86	**PA235**		•		1334013,1334084,90106656,90284802
2.0 i (74 kW) Eng.C20NEF	87-88	**PA325**		•		1334008,90220568,90272361,R1160018
2.0 i GT (95 kW) Eng.20SEH	87-88	**PA325**		•		1334008,90220568,90272361,R1160018
2.0 i, Kat (85 kW) Eng.20NE/C20NE	81-88	**PA325**		•		1334008,90220568,90272361,R1160018
Astra D, SW '9/79-'8/91						
1.2 (40-44 kW) Eng.12S	82-84	**PA108**				1334027,1334071,90091035,90409912
1.3 (55 kW) Eng.13S	79-84	**PA441**		•		1334004,1334023,1334070,90076952,9018327 3 90349241
1.4 (44 kW) Eng.C14NZ	1/90-8/91	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.4 S (55 kW) Eng.14NV	7/89-	**KP442-1**		•	Belt:111x17, PA442, Eng 19311738-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012

PA235

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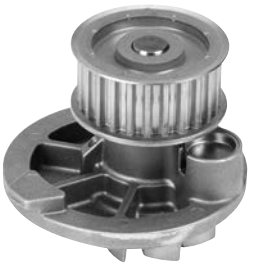
PA324

PA442

PA541



PA572A

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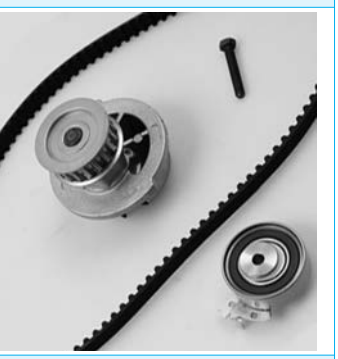

KP442-1

KP541-1

KP727-1

		GRAF ref.			NOTE	Adaptable for OES
1.6 (55 kW) Eng.C16LZ/C16NZ/E16NZ	10/87-8/91	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 (60 kW) Eng.16SV	9/84-8/91	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 (66 kW) Eng.16SH	81-86	**PA235**		•		1334013,1334084,90106656,90284802
1.6 D (40 kW) Eng.16DA	82-86	**PA236**		•	Ch -14478630	1334012,1334015,1334099,90106450,90285418
	82-86	**PA324**		•	Ch 14478631-	1334014,90284913,90295078,R1160024
1.8 GTE (82-85 kW) Eng.18E/18SE	79-86	**PA235**		•		1334013,1334084,90106656,90284802
Astra F Classic, SW '1/98-'3/04						
1.4 i (44 kW) Eng.X14NZ/C/SZ	-98	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	-8/02	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.4 i (66 kW) Eng.X14XE	98-00	**PA541**		•		1334046,1334066,90444079,9192797,R1160030
	3/98-8/00	**KP541-1**		•	Belt:169x20, PA541	9128724,1334046,1334066,24451896,5636357 90444079,9192797,93174120,93180219 R1160030
1.6 16v (74 kW) Eng.X16XEL/Z16XE	-98	**PA541**		•		1334046,1334066,90444079,9192797,R1160030
	1/98-3/04	**KP541-1**		•	Belt:169x20, PA541, Eng -02MV7224/20U75998	9128724,1334046,1334066,24451896,5636357 90444079,9192797,93174120,93180219 R1160030
1.6 i 16v (55 kW) Eng.X16SZR	-98	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	1/98-3/04	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.7TD (50 kW) Eng.X17DTL	98-00	**PA324**		•		1334014,90284913,90295078,R1160024
1.8i (85 kW) Eng.X18XE1	98-00	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
	3/98-8/00	**KP727-1**		•	Belt:162x20, PA727	1334135,90543935,93174119,93180218 93185845
2.0 i (100 kW) Eng.X20XEV	98-00	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
Astra F, SW '9/91-'9/98						
1.4 i (44 kW) Eng.C14NZ	91-98	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	9/91-9/98	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.4 i 16v, Cabrio (66 kW) Eng.X14XE	96-98	**PA541**		•		1334046,1334066,90444079,9192797,R11600 30
	2/96-9/98	**KP541-1**		•	Belt:169x20, PA541	9128724,1334046,1334066,24451896,5636357 90444079,9192797,93174120,93180219 R1160030
1.4 S (53-55 kW) Eng.14NV	91-93	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	9/91-9/93	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.4 Si, Cabrio (60 kW) Eng.C14SE	92-98	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	3/92-9/98	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 (55 kW) Eng.16NZR	95-98	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 i (55 kW) Eng.16LZ2	95-98	**PA577**		•		1334054,90444123,R1160031
	9/96-1/98	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 i (55 kW) Eng.C16NZ/E16NZ	92-94	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012

PA324

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KP442-1

KP541-1

KP541-2

KP572-1

		GRAF ref.			NOTE	Adaptable for OES
1.6 i (55 kW) Eng.C16NZ/E16NZ	3/92-8/94	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 i 16v (74 kW) Eng.X16XEL	94-98	**PA541**		•		1334046,1334066,90444079,9192797,R11600 30
	1/98-9/98	**KP541-1**		•	Belt:169x20, PA541, Eng -02MV7224/20U75998	9128724,1334046,1334066,24451896,5636357 90444079,9192797,93174120,93180219 R1160030
	94-98	**KP541-2**		•	Belt:162x20, PA541, Eng 02HL5118/20041691-	1334046,1334066,90444079,9192797,93174119 93180218,93185845,R1160030
1.6 i, Cabrio (52 kW) Eng.X16SZ	93-96	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	5/93-7/96	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 i, Cabrio (55 kW) Eng.X16SZR	96-98	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	8/96-9/98	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 Si (74 kW) Eng.C16SE	92-94	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	5/92-12/94	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.7 D (42 kW) Eng.17D	3/92-9/92	**PA324**		•	Eng -14363651	1334014,90284913,90295078,R1160024
	3/92-9/92	**PA572**		•	Eng 14363652-	1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032
1.7 D (44 kW) Eng.17D/DR	92-98	**PA324**		•	Eng -14363651	1334014,90284913,90295078,R1160024
	92-98	**PA572**		•	Eng 14363652-	1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032
1.7 TD (50 kW) Eng.X17DTL	94-98	**PA572**		•		1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032
1.7 TDS (60 kW) Eng.17DT(TC4EE1)/X17DT	92-98	**PA571**			Eng -00855805	1334031,1334052,1334105,6334007,94341998 97101320,97110387,R1160028
	92-98	**PA664**			Eng 00855806-	1334069,1334115,6334008,6334038,93179364 93182041,97114682,97220278,R1160036
1.8 i (66 kW) Eng.C18NZ	92-98	**PA325**		•	Eng -14254438	1334008,90220568,90272361,R1160018
	92-98	**PA577**		•	Eng 14254439-	1334054,90444123,R1160031
1.8 i 16v, Cabrio (85 kW) Eng.C18XEL/X18XE	94-98	**PA572**		•		1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032
	94-98	**PA572A**		•	Eng. X18XE	1334139,1334170,4817801,90444359,92226211 95507627
	11/94-9/98	**KP572-1**		•	Belt:162x20, PA572	1334041,1334050,1334119,1334137,1334646 6334000
1.8 i 16v, Cabrio (92 kW) Eng.C18XE	93-94	**PA572**		•		1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032
	6/93-10/94	**KP572-1**		•	Belt:162x20, PA572	1334041,1334050,1334119,1334137,1334646 6334000
2.0 16v SW (110 kW) Eng.C20XE	92-98	**PA409**		•	Eng -14142839	1334017,1334038,90281612,90442207 R1160034
	92-98	**PA572**		•	Eng 14142840-	1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032
2.0 i 16v (100 kW) Eng.X20XEV	95-98	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
	2/95-9/98	**KP572-1**		•	Belt:162x20, PA572	1334041,1334050,1334119,1334137,1334646 6334000
2.0 i, Cabrio (85 kW) Eng.C20NE	92-98	**PA325**		•	Eng -14608700	1334008,90220568,90272361,R1160018
	92-98	**PA577**		•	Eng 14608701-	1334054,90444123,R1160031

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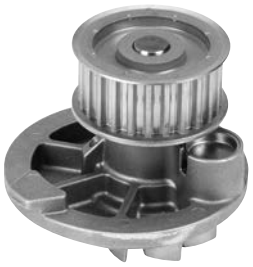

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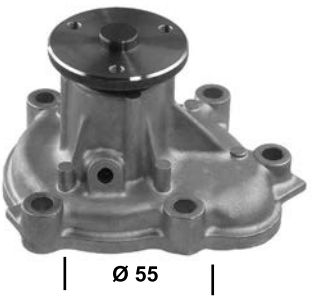

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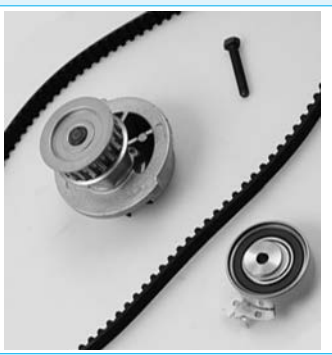
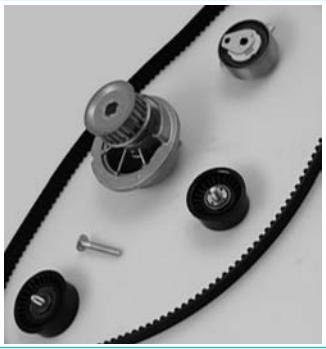


KP442-1

KP541-2



KP541-3

KP727-1

		GRAF ref.			NOTE	Adaptable for OES
						Astra G, SW '9/98-'3/04
1.2 16v (55 kW) Eng.Z12XE	00-04	**PA729**	•		Exc. Eng. LW4	1334079,1334130,6334022/ 5,6334049 90542606,93182026,93189693
	00-04	**PA958**			Eng. LW4	1334145,1334166,24469102
1.2 i 16v (48 kW) Eng.X12XE	98-00	**PA729**	•			1334079,1334130,6334022/ 5,6334049 90542606,93182026,93189693
1.4 (66 kW) Eng.Z14XEP	03-04	**PA958**				1334145,1334166,24469102
1.4 i 16v (66 kW) Eng.X14XE/Z14XE	98-04	**PA541**		•	Eng -02MV7224/20U75998	1334046,1334066,90444079,9192797,R11600 30
	98-04	**PA541A**		•	Eng 02MV7225/20U75999-	1334077,6334035,9199592,93182038
	98-04	**KP541-2**		•	Belt:162x20, PA541, Only Eng.X14XE, Eng 02HL5118/20041691-	1334046,1334066,90444079,9192797,93174119 93180218,93185845,R1160030
1.6 (62 kW) Eng.Z16SE	00-04	**PA442**		•	Eng -02MZ5253	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	00-04	**PA940**		•	Eng 02MZ5254-	1334078,6334039,9199595,93182042
	9/00-3/04	**KP442-1**		•	Belt:111x17, PA442, Eng -02MZ5253/20U75998	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 16v, Cabrio (74 kW) Eng.X16XEL/Z16XE	98-04	**PA541**		•	Eng -02MV7224/20U75998	1334046,1334066,90444079,9192797,R1160030
	98-04	**PA541A**		•	Eng 02MV7225/20U75999-	1334077,6334035,9199592,93182038
	9/98-3/04	**KP541-2**		•	Belt:162x20, PA541, Eng -02HL5118/20041691-02MV722 4/ -20U75998	1334046,1334066,90444079,9192797,93174119 93180218,93185845,R1160030
	9/98-3/04	**KP541-3**		•	Belt:162x20, PA541A, Eng 02MZ5254/20U75999-	1334077,6334035,9199592,93174119,93180218 93182038,93185845
1.6 16v, Cabrio, Coupe (76 kW) Eng.Z16XEP	00-04	**PA959**				1334142,24405895
1.6 CNG SW (71 kW) Eng.Z16YNG	03-04	**PA541A**		•		1334077,6334035,9199592,93182038
	3/03-3/04	**KP541-3**		•	Belt:162x20, PA541A	1334077,6334035,9199592,93174119,93180218 93182038,93185845
1.6 i 16v (55 kW) Eng.X16SZR	98-00	**PA442**		•	Eng -02MZ5253	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	98-00	**PA940**		•	Eng 02MZ5254-	1334078,6334039,9199595,93182042
	9/98-9/00	**KP442-1**		•	Belt:111x17, PA442, Eng -02MZ5253	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.7 CDTi (59 kW) Eng.Z17DTL	03-04	**PA834**				1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
1.7 DTI 16v (48-55 kW) Eng.Y17DT	2/00-9/00	**PA664**			Eng -073532	1334069,1334115,6334008,6334038,93179364 93182041,97114682,97220278,R1160036
	9/00-04	**PA834**			Eng 073533-	1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
1.7 TD (50 kW) Eng.X17DTL	98-8/00	**PA572**		•		1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032
1.8 (81 kW) Eng.Z18XEL	03-04	**PA727**		•		1334135,6334036,90543935
1.8 16v, Cabrio, Coupe (87-92 kW) Eng.Z18XE	00-04	**PA727**		•		1334135,6334036,90543935
	9/00-3/04	**KP727-1**		•	Belt:162x20, PA727, Eng 02HL5118/20041691-	1334135,90543935,93174119,93180218 93185845
1.8 16v, Coupe (85 kW) Eng.X18XE1	98-00	**PA727**		•		1334135,6334036,90543935
	9/98-9/00	**KP727-1**		•	Belt:162x20, PA727, Eng 02HL5118/20041691-	1334135,90543935,93174119,93180218 93185845
2.0 16v OPC (118 kW) Eng.X20XER	99-02	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
2.0 16v T. OPC Coupe,Cabrio,SW (141 kW) Eng.Z20LET	00-04	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
2.0 Di 16v (60 kW) Eng.X20DTL/Y20DTL	98-04	**PA730**				1334117,6334040,90540478,93182043
2.0 DTI 16v (74 kW) Eng.X20DTH/Y20DTH	99-04	**PA730**				1334117,6334040,90540478,93182043
2.0 i 16v (100 kW) Eng.X20XEV	98-04	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
2.0 T. 16v Coupe,Cabrio,SW (147 kW) Eng.Z20LER	02-04	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
2.2 16v, Cabrio, Coupe (108 kW) Eng.Z22SE	01-04	**PA957**	•			12585226,12591894,12630084,24439798 24461382,24467301,4804957,6334002,6334042 9194747,93170401,93172718,93178602
2.2 DTI, Cabrio, Coupe (92 kW) Eng.Y22DTR	02-04	**PA730**				1334117,6334040,90540478,93182043

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KP727-1

KP1085-2

		GRAF ref.			NOTE	Adaptable for OES
Astra H Cabriolet '9/05-'11/09						
1.2 (59 kW) Eng.Z12XEP	05-	**PA958**				1334145,1334166,24469102
1.6 (85 kW) Eng.Z16XER	06-09	**PA959**				1334142,24405895
1.6 16v (77 kW) Eng.Z16XEP	05-	**PA959**				1334142,24405895
1.6 T. (132 kW) Eng.Z16LET	07-	**PA959**				1334142,24405895
1.7 CDTi (92 kW) Eng.A17DTR/Z17DTR	07-	**PA1077**				6334048,98003100
1.8 (101 kW) Eng.Z18XER	08-09	**PA959**				1334142,24405895
1.8 16v (103 kW) Eng.Z18XER	05-	**PA959**				1334142,24405895
1.8 16v (92 kW) Eng.Z18XE	05-	**PA727**		•		1334135,6334036,90543935
	9/05-11/09	**KP727-1**		•	Belt:162x20, PA727	1334135,90543935,93174119,93180218 93185845
1.9 CDTi (110 kW) Eng.Z19DTH	05-	**PA1085**		•	+RB, Eng 17376049-	1334147,1334153,1334284,93191762
	9/05-11/09	**KP1085-2**		•	Belt:199x24, PA1085	1334147,1334284,55568637,93179114 93191278,93191762
2.0 T. (125 kW) Eng.Z20LEL	05-	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
2.0 T. 16v (147 kW) Eng.Z20LER	05-	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
Astra H, SW, GTC '3/04-'11/09						
1.2 (48 kW) Eng.X12XE	06-09	**PA958**				1334145,1334166,24469102
1.2 (59 kW) Eng.Z12XEP	05-	**PA958**				1334145,1334166,24469102
1.3 CDTi 16v (66 kW) Eng.Z13DTH	05-	**PA1083**				1334647,1334711,4708767,6334001,93177340 93195466
1.4 (55 kW) Eng.Z14XEL	04-	**PA958**				1334145,1334166,24469102
1.4 16v (66 kW) Eng.Z14XEP	04-	**PA958**				1334145,1334166,24469102
1.6 16v (77 kW) Eng.Z16XEP	04-	**PA959**				1334142,24405895
1.6 16v (85 kW) Eng.Z16XER	07-	**PA959**				1334142,24405895
1.6 T. 16v (132 kW) Eng.Z16LET	07-	**PA959**				1334142,24405895
1.7 CDTi (74 kW) Eng.Z17DTH	04-09	**PA1077**				6334048,98003100
1.7 CDTI (81 kW) Eng.Z17DTJ/DTR	08-09	**PA1077**				6334048,98003100
1.7 CDTi (Exc. GTC) (59 kW) Eng.Z17DTL	04-	**PA834**				1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
1.7 CDTi 16v (92 kW) Eng.A17DTR/Z17DTR	07-09	**PA1077**				6334048,98003100
1.8 (101 kW) Eng.Z18XER	08-	**PA958**				1334145,1334166,24469102
1.8 16v (103 kW) Eng.Z18XER	07-	**PA958**				1334145,1334166,24469102
1.8 16v (92 kW) Eng.Z18XE	04-	**PA727**		•		1334135,6334036,90543935
	3/04-11/09	**KP727-1**		•	Belt:162x20, PA727	1334135,90543935,93174119,93180218 93185845
1.9 CDTi (103 kW) Eng.Z19DTJ	04-	**PA1085**		•	+RB, Eng 17376049-	1334147,1334153,1334284,93191762
	04-09	**KP1085-2**		•	Belt:199x24, PA1085	1334147,1334284,55568637,93179114 93191278,93191762
1.9 CDTi (110 kW) Eng.Z19DTH	04-	**PA1085**		•	+RB, Eng 17376049-	1334147,1334153,1334284,93191762
	9/04-11/09	**KP1085-2**		•	Belt:199x24, PA1085	1334147,1334284,55568637,93179114 93191278,93191762
1.9 CDTi (74 kW) Eng.Z19DTL	05-	**PA672**		•		6334003
1.9 CDTI (88 kW) Eng.Z19DT	04-	**PA672**		•		6334003
2.0 OPC (177 kW) Eng.Z20LEH	05-	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
2.0 Racing Ed. (174 kW) Eng.Z20LEH	09-	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
2.0 T. (125 kW) Eng.Z20LEL	04-	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
2.0 T. 16v (147 kW) Eng.Z20LER	04-	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
Astra J, SW, GTC '12/09-						
1.3 CDTi (70 kW) Eng.A13DTE	09-	**PA1083**				1334647,1334711,4708767,6334001,93177340 93195466
1.4 (64 kW) Eng.A14XEL	09-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.4 (74 kW) Eng.A14XER	09-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016

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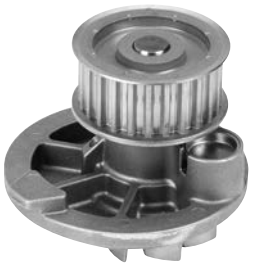

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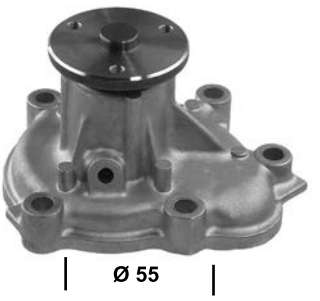


PA834

PA957

PA959

PA1077

PA1085

PA1124

KP572-1

		GRAF ref.			NOTE	Adaptable for OES
1.4 T (88 kW) Eng.A14NEL	10-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.4 T. (103 kW) Eng.A14NET	09-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.6 T. (132 kW) Eng.A16LET	09-	**PA959**				1334142,24405895
1.6, Coupe, Cabrio (85 kW) Eng.A16XER	09-	**PA959**				1334142,24405895
1.7 CDTi (74 kW) Eng.Z17DTH/A17DTL	05-07	**PA834**				1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
	07-	**PA1077**				6334048,98003100
1.7 CDTi (81 kW) Eng.A17DTJ/DTE/DTC	09-	**PA834**				1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
1.7 CDTi (92 kW) Eng.A17DTR	09-	**PA834**				1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
1.7 CDTi (96 kW) Eng.A17DTS/DTF	11-	**PA834**				1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
1.8 16v Coupe, Cabrio (103 kW) Eng.A18XER	10-	**PA959**				1334142,24405895
1.9 CDTI 16v Coupe, Cabrio (110 kW) Eng.Z19DTH	10-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
2.0 CDTi (118 kW) Eng.A20DTH	09-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
2.0 CDTi (121 kW) Eng.A20DTH	11-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
2.0 VXR (206 kW) Eng.A20NFT	12-	**PA957**	•			12585226,12591894,12630084,24439798 24461382,24467301,4804957,6334002,6334042 9194747,93170401,93172718,93178602
Calibra A '6/90-'7/97						
2.0 16v, 4WD (110-115 kW) Eng.C20XE	90-92	**PA409**		•	Eng -14142838	1334017,1334038,90281612,90442207 R1160034
	93-7/97	**PA572**		•	Eng 14142839-	1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032
2.0 i (85 kW) Eng.C20NE	90-92	**PA325**		•	Eng -14608701	1334008,90220568,90272361,R1160018
	93-7/97	**PA577**		•	Eng 14608702-	1334054,90444123,R1160031
2.0 i 16v, 4WD (100 kW) Eng.X20XEV	94-97	**PA572A**		•	Eng 14142839-	1334139,1334170,4817801,90444359,92226211 95507627
	2/94-7/97	**KP572-1**		•	Belt:162x20, PA572	1334041,1334050,1334119,1334137,1334646 6334000
2.0 i 4WD (85 kW) Eng.C20NE	90-92	**PA325**		•	Eng -14608701	1334008,90220568,90272361,R1160018
	93-7/97	**PA577**		•	Eng 14608702-	1334054,90444123,R1160031
2.0 i T. 4WD (150 kW) Eng.C20LET	92-93	**PA409**		•	Eng -14002934	1334017,1334038,90281612,90442207 R1160034
	93-7/97	**PA572**		•	Eng 14002935-	1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032
2.5 i V6 (125 kW) Eng.C25XE/X25XE	93-7/97	**PA637**				1334059,1334140,90444649,93170697 R1160043
Cascada (W13) '5/13-						
1.4 (88 kW) Eng.A14NEL	13-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.4 T (103 kW) Eng.A14NET	13-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
2.0 CDTI (121 kW) Eng.A20DTH	13-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
2.0 CDTi Biturbo (143 kW) Eng.A20DTR	13-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
Commodore A, Coupe '8/67-'1/72						
2.5 (85 kW) Eng.25S	67-69	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.8 (103-107 kW) Eng.28HL	70-72	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
Commodore B, Coupe / Viceroy I '1/72-'7/78						
2.5 (85 kW) Eng.25S	72-78	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224

PA108

PA234

PA410

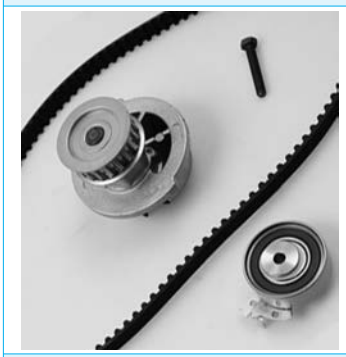
PA415

PA441

PA442

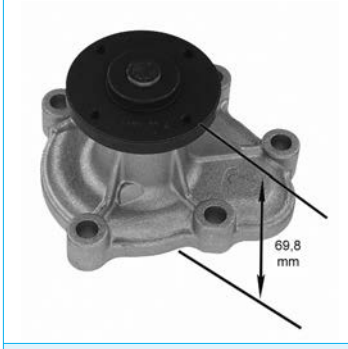
PA443

PA571



KP442-1

		GRAF ref.			NOTE	Adaptable for OES
2.5 GS (96 kW) Eng.25H	72-75	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.8 GSE (103 kW) Eng.28HC	75-78	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.8 GSE (104 kW) Eng.28HC	72-78	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.8 GSE (114-118-121 kW) Eng.28HC	75-78	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.8 GSE (118 kW) Eng.28E/EC	72-75	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
Commodore C, SW / Viceroy II '8/78-'12/82						
2.5 (85 kW) Eng.25S	78-82	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.5 (96 kW) Eng.25E	81-82	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
Corsa A / Nova '9/82-'3/93						
1.0 (33 kW) Eng.10S	82-93	**PA108**				1334027,1334071,90091035,90409912
1.2 (38 kW) Eng.12NV	90-93	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.2 (40 kW) Eng.12ST	82-90	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.2 (44 kW) Eng.12S	82-90	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.2, i (33 kW) Eng.12NC/C12NZ/E12GV	82-93	**PA108**				1334027,1334071,90091035,90409912
	9/82-3/93	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.3 (51 kW) Eng.13SB	82-89	**PA441**		•		1334004,1334023,1334070,90076952,90183273 90349241
1.3i, Kat (44 kW) Eng.13NB/C13N	85-90	**PA441**		•		1334004,1334023,1334070,90076952,90183273 90349241
1.4 i (44 kW) Eng.C14NZ/X14SZ	90-93	**PA443**		•	Eng -19311737	1334011,1334024,90234200,90325661
	90-93	**PA442**		•	Eng 19311738-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	1/90-3/93	**KP442-1**		•	Eng.C14NZ, Belt:111x17, PA442, Eng 19311738/02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.4 S (53-55 kW) Eng.14NV	90-93	**PA443**		•	Eng -19307805	1334011,1334024,90234200,90325661
	90-93	**PA442**		•	Eng 19307806-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	1/90-3/93	**KP442-1**		•	Belt:111x17, PA442, Eng 19307806-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.4 Si (60 kW) Eng.C14SE	91-93	**PA443**		•	Ch -19311737	1334011,1334024,90234200,90325661
	91-93	**PA442**		•	Ch 19311738-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	9/91-3/93	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.5 D (37 kW) Eng.15D(4EC1)	87-90	**PA410**			Eng -804794	1334016,6334011,94124093
	87-90	**PA571**			Eng 804795-909999	1334031,1334052,1334105,6334007,94341998 97101320,97110387,R1160028
	90-93	**PA415**			Eng 910000-	1334034,1334102,1334107,6334004,94386207 97101319,97110386,R1160025,R1160037
1.5 TD (49 kW) Eng.15DT(T4EC1)	88-90	**PA410**			Eng -804794	1334016,6334011,94124093
	88-90	**PA571**			Eng 804795-909999	1334031,1334052,1334105,6334007,94341998 97101320,97110387,R1160028
	90-93	**PA415**			Eng 910000-	1334034,1334102,1334107,6334004,94386207 97101319,97110386,R1160025,R1160037
1.6 GSI (72 kW) Eng.C16SEI	89-93	**PA443**		•	Ch -02J22349	1334011,1334024,90234200,90325661
	89-93	**PA442**		•	Ch 02J22350-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012



PA415

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PA541

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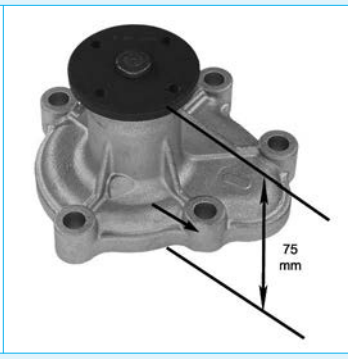

PA728

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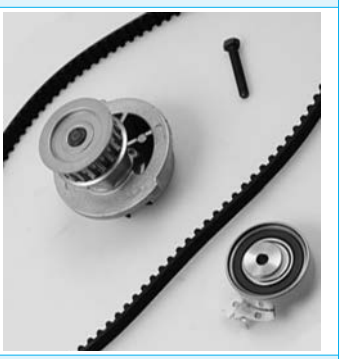

KP442-1

KP541-1

		GRAF ref.			NOTE	Adaptable for OES
1.6 GSI (72 kW) Eng.C16SEI	9/89-3/93	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 GSI, Kat (74 kW) Eng.C16SE/E16SE	92-93	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	2/92-3/93	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 i (55 kW) Eng.C16NZ	88-92	**PA443**		•	Ch -02J22349	1334011,1334024,90234200,90325661
	88-92	**PA442**		•	Ch 02J22350-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	8/88-9/92	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
Corsa B / Corsa '3/93-'9/00						
1.0 i 12v (40 kW) Eng.X10XE	96-00	**PA729**	•			1334079,1334130,6334022/ 5,6334049 90542606,93182026,93189693
1.2 i 16v (48 kW) Eng.X12XE	98-00	**PA729**	•			1334079,1334130,6334022/ 5,6334049 90542606,93182026,93189693
1.2i (33 kW) Eng.12NZ/C12NZ/X12SZ	93-00	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	3/93-9/00	**KP442-1**		•	Exc. 12NZ, Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
	3/93-9/00	**KP442-1**		•	Only 12NZ, Belt:111x17, PA442, Ch -Y4999999/Y6999999	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.4 i (40-44 kW) Eng.C14NZ/X14SZ	93-00	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	3/93-9/00	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.4 i 16v (63 kW) Eng.C14S/C14SEL	97-00	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	-8/98	**KP442-1**		•	Belt:111x17, PA442, Ch -Y4999999/Y6999999	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.4 i 16v, SW (66 kW) Eng.X14XE	94-00	**PA541**		•		1334046,1334066,90444079,9192797,R1160030
	9/94-9/00	**KP541-1**		•	Belt:169x20, PA541	9128724,1334046,1334066,24451896,5636357 90444079,9192797,93174120,93180219 R1160030
1.4 Si (54-60 kW) Eng.C14SE	93-00	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	3/93-9/00	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.5 D (37 kW) Eng.15D(4EC1)	93-00	**PA415**			Eng -00877697	1334034,1334102,1334107,6334004,94386207 97101319,97110386,R1160025,R1160037
	93-00	**PA728**			Eng 00877698-	1334114,6334005,93179361,97114683 R1160038
1.5 TD (49 kW) Eng.15DT(T4EC1)	93-00	**PA665**			Eng 00076351-	1334121,97135548,R1160039
	93-00	**PA415**			Eng -00877697	1334034,1334102,1334107,6334004,94386207 97101319,97110386,R1160025,R1160037
	93-00	**PA728**			Eng 00877698-00076350	1334114,6334005,93179361,97114683 R1160038
1.6 GSI 16v (80 kW) Eng.C16XE	93-00	**PA541**		•		1334046,1334066,90444079,9192797,R1160030
	3/93-9/00	**KP541-1**		•	Belt:169x20, PA541	9128724,1334046,1334066,24451896,5636357 90444079,9192797,93174120,93180219 R1160030
1.6 i 16v (74 kW) Eng.C16SEL	97-00	**PA541**		•		1334046,1334066,90444079,9192797,R1160030
1.6 i 16v (78 kW) Eng.X16XE	94-00	**PA541**		•		1334046,1334066,90444079,9192797,R1160030
	9/94-9/00	**KP541-1**		•	Belt:169x20, PA541	9128724,1334046,1334066,24451896,5636357 90444079,9192797,93174120,93180219 R1160030

PA541

PA541A

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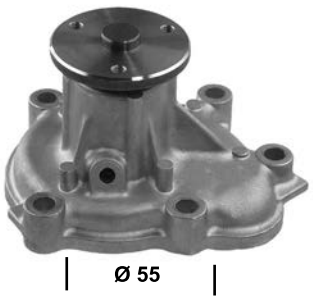

PA834

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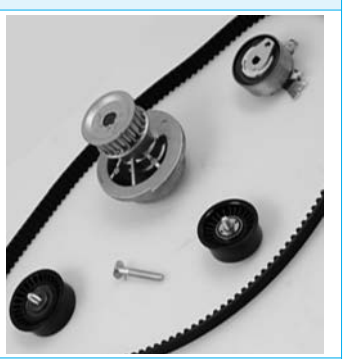


KP541-2

KP541-3

KP727-1

		GRAF ref.			NOTE	Adaptable for OES
1.7 D (44 kW) Eng.17D(4EE1)/X17D	96-00	**PA571**			Eng -00877697	1334031,1334052,1334105,6334007,94341998 97101320,97110387,R1160028
	96-00	**PA664**			Eng 00877698-	1334069,1334115,6334008,6334038,93179364 93182041,97114682,97220278,R1160036
Corsa C / Corsa II '9/00-'6/06						
1.0 12v (43 kW) Eng.Z10XE	00-06	**PA729**	•		Imp. Pierburg	1334079,1334130,6334022/ 5,6334049 90542606,93182026,93189693
	00-06	**PA958**				1334145,1334166,24469102
1.0 12v (44 kW) Eng.Z10XEP	03-	**PA958**				1334145,1334166,24469102
1.2 16v (55 kW) Eng.Z12XE	00-06	**PA729**	•		Imp. Pierburg	1334079,1334130,6334022/ 5,6334049 90542606,93182026,93189693
	00-06	**PA958**				1334145,1334166,24469102
1.2 16v Twinport (59 kW) Eng.Z12XEP	7/04-	**PA958**				1334145,1334166,24469102
1.3 CDTi 16v (51 kW) Eng.Z13DT	03-06	**PA1083**				1334647,1334711,4708767,6334001,93177340 93195466
1.4 16v (66 kW) Eng.Z14XE	00-06	**PA541**		•	Eng -02MZ5253/20U75998	1334046,1334066,90444079,9192797,R1160030
	00-06	**PA541A**		•	Eng 02MZ5254/20U75999-	1334077,6334035,9199592,93182038
	9/00-6/06	**KP541-2**		•	Belt:162x20, PA541, Eng -02MV7224/20U75998	1334046,1334066,90444079,9192797,93174119 93180218,93185845,R1160030
	9/00-6/06	**KP541-3**		•	Belt:162x20, PA541A, Eng 02MZ5254/20U75999-	1334077,6334035,9199592,93174119,93180218 93182038,93185845
1.4 16v Twinport (66 kW) Eng.Z14XEP	03-06	**PA958**				1334145,1334166,24469102
	6/03-6/06	**KP541-2**		•	Belt:162x20, PA541, Eng -02MZ5253/20U75998	1334046,1334066,90444079,9192797,93174119 93180218,93185845,R1160030
	6/03-6/06	**KP541-3**		•	Belt:162x20, PA541A, Eng 02MZ5254/20U75999-	1334077,6334035,9199592,93174119,93180218 93182038,93185845
1.6 CNG (69 kW) Eng.Y16YNG/Z16YNG	03-	**PA541A**		•		1334077,6334035,9199592,93182038
1.7 CDTi (74 kW) Eng.Z17DTH	03-06	**PA834**				1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
1.7 Di 16v (48 kW) Eng.Y17DTL	00-06	**PA834**				1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
1.7 DTI 16v (55 kW) Eng.Y17DT	00-06	**PA834**				1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
1.8 16v (92 kW) Eng.Z18XE	00-06	**PA727**		•		1334135,6334036,90543935
	9/00-6/06	**KP727-1**		•	Belt:162x20, PA727, Eng 02HL5118/20041691-	1334135,90543935,93174119,93180218 93185845
Corsa D '7/06-						
1.0 12v (44 kW) Eng.Z10XEP	06-	**PA958**				1334145,1334166,24469102
1.0 12v (48 kW) Eng.A10XEP	10-	**PA958**				1334145,1334166,24469102
1.2 (51 kW) Eng.A12XEL	10-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.2 16v (59 kW) Eng.Z12XEP	06-	**PA958**				1334145,1334166,24469102
1.2 16v (63 kW) Eng.A12XER	10-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.2 eco (57 kW) Eng.Z12XEP	09-	**PA958**				1334145,1334166,24469102
1.3 CDTI (70 kW) Eng.A13DTR/Z13DTE	10-	**PA1083**				1334647,1334711,4708767,6334001,93177340 93195466
1.3 CDTi 16v (55 kW) Eng.Z13DTJ/A13DTC	06-	**PA1083**				1334647,1334711,4708767,6334001,93177340 93195466
1.3 CDTi 16v (66 kW) Eng.Z13DTH	06-	**PA1083**				1334647,1334711,4708767,6334001,93177340 93195466
1.4 16v (66 kW) Eng.Z14XEP	06-	**PA958**				1334145,1334166,24469102
1.4 16v (74 kW) Eng.A14XER	10-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.4 eco (64 kW) Eng.A14XEL	09-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.4 T (88 kW) Eng.A14NEL	12-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.6 T (132 kW) Eng.A16LET/Z16LET	07-	**PA959**				1334142,24405895
1.6 T. (155 kW) Eng.A16LER/Z16LER	11-	**PA959**				1334142,24405895
1.6 T. 16v (110 kW) Eng.Z16LEL	06-	**PA959**				1334142,24405895

PA046

PA234

PA325

PA326

PA572

PA577

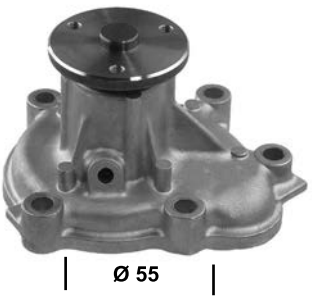
PA637

PA671

PA730

PA802

PA809



PA834

PA957

PA959

PA1077

PA1085

		GRAF ref.			NOTE	Adaptable for OES
1.6 T. 16v (141 kW) Eng.Z16LER	07-	**PA959**				1334142,24405895
1.6 VXR (150 kW) Eng.A16LES	11-	**PA959**				1334142,24405895
1.7 CDTI (96 kW) Eng.A17DTS	10-	**PA1077**			Eng -1874032	6334048,98003100
	10-	**PA834**			Eng 1874033-	1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
1.7 CDTi 16v (92 kW) Eng.Z17DTR	06-	**PA1077**			Eng -1874032	6334048,98003100
	06-	**PA834**			Eng 1874033-	1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
Diplomat A '10/64-'3/69						
4.6 (140 kW) Eng.46S	64-69	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
Diplomat B '3/69-'1/78						
2.8 (121 kW) Eng.28E	69-75	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
Frontera A / Frontera '3/92-'10/98						
2.0 i Sport (85 kW) Eng.C20NE/X20SE	1/93-98	**PA577**		•	Eng 14608701-	1334054,90444123,R1160031
	3/92-12/92	**PA325**		•	Eng -14608700	1334008,90220568,90272361,R1160018
2.2 i (100 kW) Eng.X22XE	95-98	**PA572**		•		1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032
2.3 TD (74 kW) Eng.23DTR	92-98	**PA326**				1334009,1334021,90271492,90348231 R1160027
2.4 i (92 kW) Eng.C24NE	92-98	**PA326**				1334009,1334021,90271492,90348231 R1160027
2.5 TDS, Sport (85 kW) Eng.VM41B	96-98	**PA802**	•		Impeller Ø 71mm	1334123,91151669,R1160044
	96-98	**PA671**	•		Impeller Ø 76mm	1334123,91151669,R1160044
2.8 TD, Sport (83 kW) Eng.4JB1T	95-98	**PA809**				1334104,1334113,97105012,97123330
Frontera B / Frontera II '10/98-						
2.2 DTI (85 kW) Eng.X22DTH	98-02	**PA730**				1334117,6334040,90540478,93182043
2.2 DTI 16v (88 kW) Eng.Y22DTH	98-	**PA730**				1334117,6334040,90540478,93182043
2.2 i (100 kW) Eng.X22SE/Y22SE	98-	**PA572**		•		1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032
3.2 i (151 kW) Eng.6VD1/Y32NE	98-	**PA637**				1334059,1334140,90444649,93170697 R1160043
GT '9/68-'8/73						
1.1 (44 kW) Eng.11SR	68-70	**PA046**				1334029,2866233
1.9 (66 kW) Eng.19S	68-73	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
GT Cabrio '12/06-						
2.0 T. 16v (194 kW) Eng.Z20NHH	06-	**PA957**	•			12585226,12591894,12630084,24439798 24461382,24467301,4804957,6334002,6334042 9194747,93170401,93172718,93178602
Insignia, SW '1/09-						
1.4 (103 kW) Eng.A14NET	11-	**PA959**				1334142,24405895
1.4 LPG (103 kW) Eng.A14NET	11-	**PA959**				1334142,24405895
1.6 (85 kW) Eng.A16XER	09-	**PA959**				1334142,24405895
1.6 T (132 kW) Eng.A16LET	09-	**PA959**				1334142,24405895
1.8 (103 kW) Eng.A18XER	09-	**PA959**				1334142,24405895
2.0 CDTi (103 kW) Eng.A20DTE	13-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
2.0 CDTi (81 kW) Eng.A20DTC	09-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
2.0 CDTi (88 kW) Eng.A20DTE	12-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
2.0 CDTi (96 kW) Eng.A20DTJ	09-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
2.0 CDTi, 4WD (118 kW) Eng.A20DTH	09-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
2.0 CDTi, 4WD (120 kW) Eng.A20DTH	13-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
2.0 CDTi, 4WD (140-143 kW) Eng.A20DTR	09-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762

PA046

3 fori mozzo / 3-hole hub

PA108

4 fori mozzo / 4-hole hub

PA150

PA234

PA235

PA236

PA410

PA441

PA442

PA443

PA957

PA991

KP442-1

		GRAF ref.			NOTE	Adaptable for OES
2.0 T, 4WD (162 kW) Eng.A20NHT/NFT	09-	**PA957**	•			12585226,12591894,12630084,24439798 24461382,24467301,4804957,6334002,6334042 9194747,93170401,93172718,93178602
2.8 T. V6 4WD OPC (239 kW) Eng.A28NER	09-	**PA991**				1334648,6334043
2.8 V6 T (191 kW) Eng.A28NET	09-	**PA991**				1334648,6334043
Kadett A, SW '9/62-'8/65						
1.0 (29 kW) Eng.10N	62-65	**PA046**				1334029,2866233
1.0, Coupe (35 kW) Eng.10S	62-65	**PA046**				1334029,2866233
Kadett B, SW / Chevette B '9/65-'8/73						
1.1, Coupe (33-37 kW) Eng.11N	65-73	**PA046**				1334029,2866233
1.1, Coupe (40 kW) Eng.11S	65-71	**PA046**				1334029,2866233
1.1, Coupe (Exc. SW) (44 kW) Eng.11SR	66-71	**PA046**				1334029,2866233
1.2, Coupe (44 kW) Eng.12S	71-73	**PA046**				1334029,2866233
1.9 Coupe (Exc. SW) (66 kW) Eng.19S	67-73	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
Kadett C, SW / Chevette C '8/73-'7/79						
1.0, Coupe (29 kW) Eng.10N	74-76	**PA046**			Eng -910300	1334029,2866233
	76-79	**PA150**			Eng 910301-	1334058,9292375
1.2, Coupe (38-40 kW) Eng.12N	73-76	**PA046**			Eng -910300	1334029,2866233
	76-79	**PA150**			Eng 910301-	1334058,9292375
1.2, Coupe (44 kW) Eng.12S	73-76	**PA046**			Eng -910300	1334029,2866233
	76-79	**PA150**			Eng 910301-	1334058,9292375
Kadett City '8/73-'7/79						
1.0 (29 kW) Eng.10N	74-79	**PA150**				1334058,9292375
1.2, Coupe (44-55 kW) Eng.12S	73-79	**PA150**				1334058,9292375
Kadett D, SW / Astra D '8/79-'8/84						
1.0 (33 kW) Eng.10S	79-84	**PA108**				1334027,1334071,90091035,90409912
1.2 (39 kW) Eng.12N	79-82	**PA108**				1334027,1334071,90091035,90409912
1.2 (44 kW) Eng.12S	79-84	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.2 (Exc. SW) (40 kW) Eng.12ST	82-84	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.3 (44 kW) Eng.13N	79-84	**PA441**		•		1334004,1334023,1334070,90076952,90183273 90349241
1.3 (55 kW) Eng.13S	79-84	**PA441**		•		1334004,1334023,1334070,90076952,90183273 90349241
1.6 (66 kW) Eng.16N/S/SH	81-84	**PA235**		•		1334013,1334084,90106656,90284802
1.6 D (40 kW) Eng.16D	82-84	**PA236**		•		1334012,1334015,1334099,90106450,90285418
1.8 GTE (Exc. SW) (85 kW) Eng.18E	83-84	**PA235**		•		1334013,1334084,90106656,90284802
Kadett E / Astra E, Belmont '9/84-'8/91						
1.2 (40 kW) Eng.12SC	84-86	**PA442**		•	Eng. OHC	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	84-86	**PA108**			Eng. OHV	1334027,1334071,90091035,90409912
1.3 (55 kW) Eng.13S	84-87	**PA441**		•		1334004,1334023,1334070,90076952,90183273 90349241
1.3i, Kat (44 kW) Eng.13NB/C13N/13N	85-91	**PA441**		•		1334004,1334023,1334070,90076952,90183273 90349241
1.4 i (44 kW) Eng.C14NZ/X14SZ	90-91	**PA443**		•	Eng -02J22349/19311737	1334011,1334024,90234200,90325661
	90-91	**PA442**		•	Eng 02J22350/19311738-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	1/90-8/91	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.4 S (55 kW) Eng.14NV	90-91	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	1/90-8/91	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.5 TD (49-53 kW) Eng.15DT(T4EC1)	88-90	**PA410**			Eng -817252	1334016,6334011,94124093

PA235

PA236

PA324

PA325

PA409

PA415

PA441

PA442

PA443

PA572

KP442-1

		GRAF ref.			NOTE	Adaptable for OES
1.5 TD (49-53 kW) Eng.15DT(T4EC1)	90-91	**PA415**			Eng 817253-	1334034,1334102,1334107,6334004,94386207 97101319,97110386,R1160025,R1160037
1.6 (60 kW) Eng.16SV	86-91	**PA443**		•	Ch -02J22349	1334011,1334024,90234200,90325661
	86-91	**PA442**		•	Ch 02J22350-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	9/86-8/91	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 (66 kW) Eng.16N/S/SH	84-86	**PA235**		•		1334013,1334084,90106656,90284802
1.6 D (40 kW) Eng.16D/16DA	84-86	**PA236**		•	M/T+A/T, G.Box -14478630	1334012,1334015,1334099,90106450,90285418
	86-89	**PA324**		•	M/T+A/T, G.Box 14478631-	1334014,90284913,90295078,R1160024
1.6 i, Kat (55 kW) Eng.C16LZ/NZ/E16NZ	86-91	**PA443**		•	Ch -02J22349	1334011,1334024,90234200,90325661
	86-91	**PA442**		•	Ch 02J22350-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	9/86-8/91	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.7 D (42 kW) Eng.17D	89-91	**PA324**		•		1334014,90284913,90295078,R1160024
1.8 (62 kW) Eng.E18NV	87-91	**PA235**		•	G.Box -14056060/14237769	1334013,1334084,90106656,90284802
1.8 (85 kW) Eng.18E	84-91	**PA325**		•	G.Box 14237770/14056061-	1334008,90220568,90272361,R1160018
1.8 i (66 kW) Eng.C18NT/NZ/NV	90-91	**PA325**		•	G.Box 14237770/14056061-	1334008,90220568,90272361,R1160018
1.8 i (74 kW) Eng.C18NE	85-86	**PA325**		•	G.Box 14237770/14056061-	1334008,90220568,90272361,R1160018
2.0 GSI (95 kW) Eng.20SEH	86-91	**PA325**		•		1334008,90220568,90272361,R1160018
2.0 GSI 16v (115 kW) Eng.20XE	87-91	**PA409**		•	Eng -14142838	1334017,1334038,90281612,90442207 R1160034
	87-91	**PA572**		•	Eng 14142839-	1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032
2.0 GSI 16v, Kat (110 kW) Eng.20XE/20XEJ/C20XE	88-91	**PA409**		•	Eng -14142838	1334017,1334038,90281612,90442207 R1160034
	88-91	**PA572**		•	Eng 14142839-	1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032
2.0 i, Kat (85 kW) Eng.20NE/C20NE	87-91	**PA325**		•		1334008,90220568,90272361,R1160018
Kadett E Cabrio '9/84-'8/91						
1.3 (55 kW) Eng.13S	84-87	**PA441**		•		1334004,1334023,1334070,90076952,90183273 90349241
1.4 i (44 kW) Eng.C14NZ/X14SZ	90-91	**PA443**		•	Eng -2122349	1334011,1334024,90234200,90325661
	90-91	**PA442**		•	Eng 2122350-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	1/90-8/91	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.4 S (55 kW) Eng.14NV	90-91	**PA443**		•	Eng -2122349	1334011,1334024,90234200,90325661
	90-91	**PA442**		•	Eng 2122350-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	1/90-8/91	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 (60 kW) Eng.16SV	86-91	**PA443**		•	Eng -2122349	1334011,1334024,90234200,90325661
	86-91	**PA442**		•	Eng 2122350-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	9/86-8/91	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 i, Kat (55 kW) Eng.C16LZ/NZ/E16NZ	86-91	**PA443**		•	Eng -2122349	1334011,1334024,90234200,90325661
	86-91	**PA442**		•	Eng 2122350-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	9/86-8/91	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
2.0 i GSI, KAT (85 kW) Eng.20NE/C20NE	87-91	**PA325**		•		1334008,90220568,90272361,R1160018

PA046

3 fori mozzo / 3-hole hub

PA108

4 fori mozzo / 4-hole hub

PA150

PA234

PA235

PA236

PA324

PA325

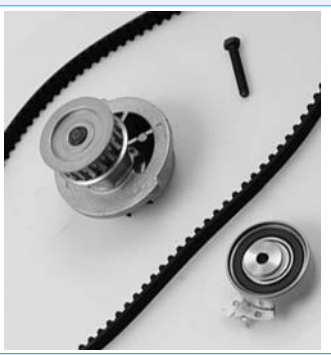
PA410

PA415

PA441

PA442

PA443



KP442-1

		GRAF ref.			NOTE	Adaptable for OES
Kadett E SW '9/84-'8/91						
1.2 (40 kW) Eng.12SC	84-86	**PA442**		•	Eng. OHC	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	84-86	**PA108**			Eng. OHV	1334027,1334071,90091035,90409912
1.3 (55 kW) Eng.13S	84-87	**PA441**		•		1334004,1334023,1334070,90076952,90183273 90349241
1.3i, Kat (44 kW) Eng.13NB/C13N	85-91	**PA441**		•		1334004,1334023,1334070,90076952,90183273 90349241
1.4 i (44 kW) Eng.C14NZ/X14SZ	90-91	**PA443**		•	Eng -02J22349/19311737	1334011,1334024,90234200,90325661
	90-91	**PA442**		•	Eng 02J22350/19311738-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	1/90-8/91	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.4 S (55 kW) Eng.14NV	90-91	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	1/90-8/91	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.5 TD (49-53 kW) Eng.15DT(T4EC1)	88-90	**PA410**			Eng -817252	1334016,6334011,94124093
	90-91	**PA415**			Eng 817253-	1334034,1334102,1334107,6334004,94386207 97101319,97110386,R1160025,R1160037
1.6 (60 kW) Eng.16SV	86-91	**PA443**		•	Ch -02J22349	1334011,1334024,90234200,90325661
	86-91	**PA442**		•	Ch 02J22350-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	9/86-8/91	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 (66 kW) Eng.16N/S/SH	84-86	**PA235**		•		1334013,1334084,90106656,90284802
1.6 D (40 kW) Eng.16D/16DA	84-86	**PA236**		•	M/T+A/T, G.Box -14478630	1334012,1334015,1334099,90106450,90285418
	86-89	**PA324**		•	M/T+A/T, G.Box 14478631-	1334014,90284913,90295078,R1160024
1.6 i, Kat (55 kW) Eng.C16LZ/NZ/E16NZ	86-91	**PA443**		•	Ch -02J22349	1334011,1334024,90234200,90325661
	86-91	**PA442**		•	Ch 02J22350-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	9/86-8/91	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.7 D (42 kW) Eng.17D	89-91	**PA324**		•		1334014,90284913,90295078,R1160024
1.8 (62 kW) Eng.E18NV	87-91	**PA235**		•	G.Box -14056060/14237769	1334013,1334084,90106656,90284802
1.8 (85 kW) Eng.18E	87-90	**PA325**		•	G.Box 14237770/14056061-	1334008,90220568,90272361,R1160018
1.8 i (66 kW) Eng.C18NZ	90-91	**PA325**		•	G.Box 14237770/14056061-	1334008,90220568,90272361,R1160018
1.8 i (74 kW) Eng.C18NE/NT	85-86	**PA325**		•	G.Box 14237770/14056061-	1334008,90220568,90272361,R1160018
2.0 i, Kat (85 kW) Eng.20NE/C20NE	87-91	**PA325**		•		1334008,90220568,90272361,R1160018
Manta A '9/70-'8/75						
1.2 (44 kW) Eng.12S	72-75	**PA046**				1334029,2866233
1.6 (44-50-66 kW) Eng.16N	70-75	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.6 (55-59-66 kW) Eng.16S/SH	70-75	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.9 (65-66 kW) Eng.19S	70-75	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.9 GTE (77 kW) Eng.19E	74-75	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
Manta B / Cavalier Coupe '9/75-'8/88						
1.2 (40 kW) Eng.12N	76-79	**PA150**				1334058,9292375
1.2 (44 kW) Eng.12S	75-79	**PA150**				1334058,9292375
1.3 (44 kW) Eng.13N	79-80	**PA441**		•		1334004,1334023,1334070,90076952,90183273 90349241
1.3 (55 kW) Eng.13S	81-86	**PA441**		•		1334004,1334023,1334070,90076952,90183273 90349241
1.6 (44 kW) Eng.16N	75-80	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224

PA234

PA235

PA244

PA541A

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PA834

PA940

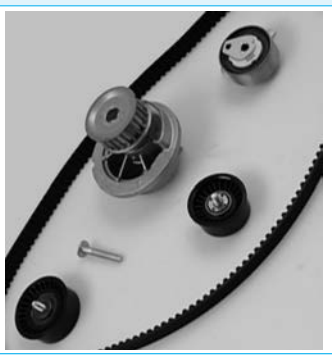
PA958

PA959

PA1077

PA1083

PA1124



KP541-3

KP727-1

		GRAF ref.			NOTE	Adaptable for OES
1.6 (55 kW) Eng.16S/SH	75-81	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.8 (66 kW) Eng.18S	82-87	**PA235**		•		1334013,1334084,90106656,90284802
1.9 (55 kW) Eng.19N	76-81	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.9 (66 kW) Eng.19S	75-80	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.9 GTE (77 kW) Eng.19E	75-77	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.0 (66 kW) Eng.20N	77-80	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.0 (74 kW) Eng.20S	77-84	**PA244**			Eng 6067586-	1334097,90156532
	77-84	**PA234**			+RB, Eng -6067585	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.0 (81 kW) Eng.20E	77-88	**PA244**				1334097,90156532
Meriva A '5/03-'6/10						
1.3 CDTi 16v (51 kW) Eng.Y13DT	05-	**PA1083**				1334647,1334711,4708767,6334001,93177340 93195466
1.3 CDTi 16v (55 kW) Eng.Z13DTJ	03-	**PA1083**				1334647,1334711,4708767,6334001,93177340 93195466
1.4 16v Twinport (66 kW) Eng.Z14XEP	04-	**PA958**				1334145,1334166,24469102
1.6 (64 kW) Eng.Z16SE	03-	**PA940**		•		1334078,6334039,9199595,93182042
1.6 16v (74 kW) Eng.Z16XE	03-	**PA541A**		•		1334077,6334035,9199592,93182038
	5/03-	**KP541-3**		•	Belt:162x20, PA541A	1334077,6334035,9199592,93174119,93180218 93182038,93185845
1.6 16v (77 kW) Eng.Z16XEP	06-	**PA959**				1334142,24405895
1.6 T. 16v (132 kW) Eng.Z16LET	07-	**PA959**				1334142,24405895
1.7 CDTi (74 kW) Eng.Z17DTH	03-07	**PA834**				1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
	07-	**PA1077**				6334048,98003100
1.7 CDTi 16v (92 kW) Eng.Z17DTR	07-	**PA1077**				6334048,98003100
1.7 DTi (48 kW) Eng.Y17DTL	03-07	**PA834**				1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
	07-	**PA1077**				6334048,98003100
1.7 DTI 16v (55 kW) Eng.Y17DT	03-07	**PA834**				1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
	07-	**PA1077**				6334048,98003100
1.8 16v (92 kW) Eng.Z18XE	03-	**PA727**		•		1334135,6334036,90543935
	5/03-	**KP727-1**		•	Belt:162x20, PA727	1334135,90543935,93174119,93180218 93185845
Meriva B '7/10-						
1.3 CDTI (55 kW) Eng.A13DTC	10-	**PA1083**				1334647,1334711,4708767,6334001,93177340 93195466
1.3 CDTI (70 kW) Eng.A13DTE	10-	**PA1083**				1334647,1334711,4708767,6334001,93177340 93195466
1.4 (103 kW) Eng.A14NET	10-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.4 (74 kW) Eng.A14XER	10-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.4 (88 kW) Eng.A14NEL	10-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.4 LPG (88 kW) Eng.A14NEL	10-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.7 CDTI (74 kW) Eng.A17DT	10-	**PA834**				1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
1.7 CDTI (81 kW) Eng.A17DTC	10-	**PA834**				1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416

PA046

PA234

PA244

PA325

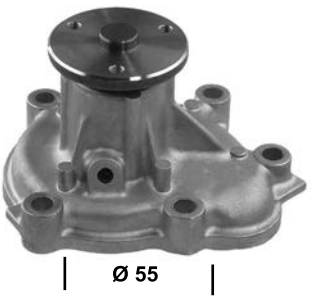
PA326

PA502A

PA572A

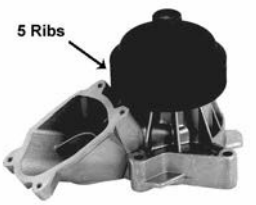
PA577

PA730



PA834

PA959



PA1053

PA1124

KP572-1

		GRAF ref.			NOTE	Adaptable for OES
1.7 CDTi (96 kW) Eng.A17DTS	10-	**PA834**				1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
Mokka '6/12-						
1.4 ,4WD (103 kW) Eng.A14NET	12-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.6 (85 kW) Eng.A16XER	12-	**PA959**				1334142,24405895
1.7 CDTi, 4WD (96 kW) Eng.A17DTS	12-	**PA834**				1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
1.8, 4WD (103 kW) Eng.A18XER	13-	**PA959**				1334142,24405895
Monza A / Royal - Coupe '2/78-'8/86						
2.0 (85 kW) Eng.H20E	83-84	**PA244**				1334097,90156532
2.2 (85 kW) Eng.22E	84-86	**PA244**				1334097,90156532
2.5 (100-103 kW) Eng.25E/H	81-86	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.8 (103-107 kW) Eng.28H	78-81	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
3.0 (110 kW) Eng.30H	78-82	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
3.0 GSE (115 kW) Eng.C30LE	85-86	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
3.0 GSE (132 kW) Eng.30E	78-86	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
Olympia A '8/67-'8/71						
1.0, Coupe (44 kW) Eng.11SR	67-71	**PA046**				1334029,2866233
1.7, Coupe (55 kW) Eng.17N/S	67-71	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.9 Coupe (65-66 kW) Eng.19S	67-71	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
Omega A, SW / Carlton III '9/86-'3/94						
1.8 (60 kW) Eng.18NV	86-87	**PA325**		•		1334008,90220568,90272361,R1160018
1.8 (65 kW) Eng.E18NVR	86-94	**PA325**		•		1334008,90220568,90272361,R1160018
1.8 (66 kW) Eng.18SV	86-94	**PA325**		•		1334008,90220568,90272361,R1160018
1.8 (85 kW) Eng.18SEH	86-94	**PA325**		•		1334008,90220568,90272361,R1160018
2.0, i (73-74-85-90 kW) Eng.20SE/C20NE/NEF/NEJ	86-89	**PA325**		•	Eng -14608700	1334008,90220568,90272361,R1160018
	90-94	**PA577**		•	Eng 14608701-	1334054,90444123,R1160031
2.3 D (54-66 kW) Eng.23YD	86-94	**PA326**				1334009,1334021,90271492,90348231 R1160027
2.3 TD, TDi (66-74 kW) Eng.23DTR/YDT	86-94	**PA326**				1334009,1334021,90271492,90348231 R1160027
2.4 i (92 kW) Eng.C24NE	88-94	**PA326**				1334009,1334021,90271492,90348231 R1160027
3.0 (115 kW) Eng.C30LE	3/87-12/87	**PA326**				1334009,1334021,90271492,90348231 R1160027
3.0 i, Kat (130 kW) Eng.30NE/C30NE	87-90	**PA326**			Ch -M1000000	1334009,1334021,90271492,90348231 R1160027
Omega B, SW / Omega '3/94-'7/03						
2.0 (85 kW) Eng.20SE/X20SE	94-00	**PA577**		•		1334054,90444123,R1160031
2.0 DTI 16v (74 kW) Eng.X20DTH	97-9/00	**PA730**				1334117,6334040,90540478,93182043
2.0 i 16v (100 kW) Eng.X20XEV	94-9/99	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
	3/94-9/99	**KP572-1**		•	Belt:162x20, PA572	1334041,1334050,1334119,1334137,1334646 6334000
2.2 16v (106 kW) Eng.Y22XE/Z22XE	99-03	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
2.2 DTI 16v (88 kW) Eng.Y22DTH	00-03	**PA730**				1334117,6334040,90540478,93182043
2.5 DTI (110 kW) Eng.Y25DT	01-03	**PA1053**				1334082
2.5 TD (96 kW) Eng.25DT/X25DT/X25TD	94-03	**PA502A**				1334112,1334124,6334009,90512535,90541671 93179365

PA121	**PA234**	**PA235**	**PA244**
PA637			

		GRAF ref.			NOTE	Adaptable for OES
2.5 V6 (125 kW) Eng.X25XE	94-00	**PA637**				1334059,1334140,90444649,93170697 R1160043
2.6 V6 (132 kW) Eng.Y26SE	00-03	**PA637**				1334059,1334140,90444649,93170697 R1160043
3.0 V6 (155 kW) Eng.X30XE	94-01	**PA637**				1334059,1334140,90444649,93170697 R1160043
3.2 V6 (160 kW) Eng.Y32SE	01-03	**PA637**				1334059,1334140,90444649,93170697 R1160043
						Rekord B '8/65-'2/67
1.5, SW (44 kW)	65-66	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.7, Coupe, SW (55 kW) Eng.17S	65-66	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.9, Coupe (66 kW) Eng.19E	65-67	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
						Rekord C, SW '8/66-'12/71
1.5 (43-44 kW) Eng.15	66-71	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.7 (44-49-61 kW) Eng.17N	66-71	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.7, Coupe (44-49-55-61 kW) Eng.17S	66-71	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.9 Sprint, Coupe (Exc. SW) (78 kW) Eng.19H/SH	67-71	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.9, Coupe (65-66 kW) Eng.19S	66-71	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.2, Coupe (Exc. SW) (70 kW)	66-69	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
						Rekord D, SW / Carlton I '1/72-'8/77
1.7 (44-49-61 kW) Eng.17N	72-77	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.7, Coupe (44-49-61 kW) Eng.17S	72-75	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.9, Coupe (55 kW) Eng.19N	75-77	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.9, Coupe (66-71 kW) Eng.19SH	72-77	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.0 D (40 kW) Eng.20D	74-77	**PA121**				1334045,1334074,1334087,3469874,90096415 90136382
2.0, Coupe (74 kW) Eng.20S	75-77	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.1 D (44 kW) Eng.21D	72-77	**PA121**				1334045,1334074,1334087,3469874,90096415 90136382
						Rekord E, SW / Carlton II '8/77-'8/86
1.7 (44-49-61 kW) Eng.17N/S	77-82	**PA234**			+RB	1334032,1334035,1334072,1334081,2898355 90108735,90136224
1.8 (55 kW) Eng.18N	82-86	**PA235**		•		1334013,1334084,90106656,90284802
1.8 (66 kW) Eng.18S	82-86	**PA235**		•		1334013,1334084,90106656,90284802
1.8 i (74 kW) Eng.C18NV	85-86	**PA235**		•		1334013,1334084,90106656,90284802
1.9 (55 kW) Eng.19N	77-82	**PA244**			Ch D1000029-	1334097,90156532
	77-82	**PA234**			+RB, Ch -D1000028	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.0 (66 kW) Eng.20N	77-82	**PA244**			Ch D1000029-	1334097,90156532
	77-82	**PA234**			+RB, Ch -D1000028	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.0 (74 kW) Eng.20S	77-86	**PA244**			Ch D10000029-	1334097,90156532
	77-86	**PA234**			+RB, Ch -D10000028	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.0 (81 kW) Eng.20E	77-84	**PA244**			Ch D10000029-	1334097,90156532
	77-84	**PA234**			+RB, Ch -D10000028	1334032,1334035,1334072,1334081,2898355 90108735,90136224

PA121

PA234

PA237

PA244

PA302

PA326

PA637

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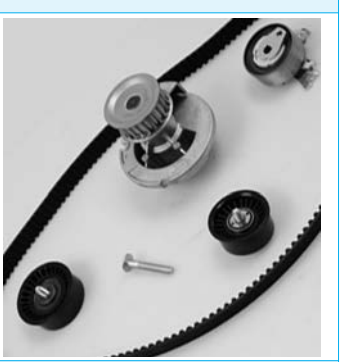
PA1085

KP672-2



KP727-1

KP1085-2

		GRAF ref.			NOTE	Adaptable for OES
2.0 D (43 kW) Eng.20D	77-82	**PA121**			Eng -102685	1334045,1334074,1334087,3469874,90096415 90136382
	77-82	**PA237**			Eng 102686-	1334091,90136377
2.1 D (44 kW) Eng.21D	77-78	**PA121**				1334045,1334074,1334087,3469874,90096415 90136382
2.2 (85 kW) Eng.22E	84-86	**PA244**				1334097,90156532
2.2 TD (63 kW) Eng.23TD	84-86	**PA302**			+Air	1334000,1334006,90183665,90233511
2.3 D (48-52 kW) Eng.23D	78-86	**PA302**			Eng 0121527-, +Air	1334000,1334006,90183665,90233511
	78-86	**PA121**			Eng -55082	1334045,1334074,1334087,3469874,90096415 90136382
	78-86	**PA237**			Eng 55083-0121526	1334091,90136377
Senator A / Royal I '2/78-'8/87						
2.0 (85 kW) Eng.H20E	83-84	**PA244**				1334097,90156532
2.2 (85 kW) Eng.22E	84-87	**PA244**				1334097,90156532
2.2 TD (63 kW) Eng.23TD	84-87	**PA302**			+Air	1334000,1334006,90183665,90233511
2.5 (100-103 kW) Eng.25E/H25E	83-87	**PA234**			+RB, +Air	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.5 (85 kW) Eng.25S	78-80	**PA234**			+RB, +Air	1334032,1334035,1334072,1334081,2898355 90108735,90136224
2.8 (103-107 kW) Eng.28H	78-81	**PA234**			+RB, +Air	1334032,1334035,1334072,1334081,2898355 90108735,90136224
3.0 (110 kW) Eng.30H	78-82	**PA234**			+RB, +Air	1334032,1334035,1334072,1334081,2898355 90108735,90136224
3.0 (115 kW) Eng.C30LE	85-87	**PA234**			+RB, +Air	1334032,1334035,1334072,1334081,2898355 90108735,90136224
3.0 (132 kW) Eng.30E	78-86	**PA234**			+RB, +Air	1334032,1334035,1334072,1334081,2898355 90108735,90136224
Senator B / Royal II '9/87-'9/93						
2.5 i (103 kW) Eng.25NE	90-93	**PA326**				1334009,1334021,90271492,90348231 R1160027
2.6 i (110 kW) Eng.C26NE	90-93	**PA326**				1334009,1334021,90271492,90348231 R1160027
3.0 (115 kW) Eng.C30LE	87-93	**PA326**				1334009,1334021,90271492,90348231 R1160027
3.0 i, Kat (1KP135 kW) Eng.30NE/C30NE	88-93	**PA326**			Ch -1000000	1334009,1334021,90271492,90348231 R1160027
Signum '5/03-						
1.8 16v (103 kW) Eng.Z18XER	05-	**PA959**				1334142,24405895
1.8 16v (90 kW) Eng.Z18XE	03-	**PA727**		•		1334135,6334036,90543935
	5/03-	**KP727-1**		•	Belt:162x20, PA727	1334135,90543935,93174119,93180218 93185845
1.9 CDTi (110 kW) Eng.Z19DTH	04-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
	4/04-	**KP1085-2**		•	Belt:199x24, PA1085	1334147,1334284,55568637,93179114 93191278,93191762
1.9 CDTi (74 kW) Eng.Z19DTL	05-	**PA672**		•		6334003
	05-	**KP672-2**		•	Belt:190x24, PA672	5636456/ 63,5636475/ 743/ 745,6334003 93178807/ 16,93181966,93186866
1.9 CDTi (88 kW) Eng.Z19DT	04-	**PA672**		•		6334003
	04-	**KP672-2**		•	Belt:190x24, PA672	5636456/ 63,5636475/ 743/ 745,6334003 93178807/ 16,93181966,93186866
2.0 DTI 16v (74 kW) Eng.Y20DTH	03-	**PA730**				1334117,6334040,90540478,93182043
2.0 T. 16v (129 kW) Eng.Z20NET	03-	**PA957**	•			12585226,12591894,12630084,24439798 24461382,24467301,4804957,6334002,6334042 9194747,93170401,93172718,93178602
2.2 16v (114 kW) Eng.Z22YH	03-	**PA957**	•			12585226,12591894,12630084,24439798 24461382,24467301,4804957,6334002,6334042 9194747,93170401,93172718,93178602
2.2 DTI 16v (86-92 kW) Eng.Y22DTR	03-	**PA730**				1334117,6334040,90540478,93182043
2.8 V6 T. (169 kW) Eng.Z28NEL	05-	**PA991**				1334648,6334043
2.8 V6 T. (184 kW) Eng.Z28NET	06-	**PA991**				1334648,6334043
2.8 V6 T. (206 kW) Eng.Z28NET	06-	**PA991**				1334648,6334043
3.2 V6 (155 kW) Eng.Z32SE	03-	**PA637**				1334059,1334140,90444649,93170697 R1160043

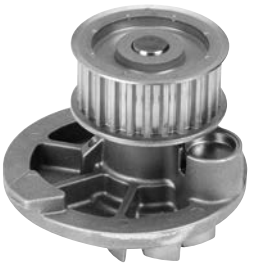
PA324

PA442

PA443

PA541

PA572



PA572A

PA637

PA727

PA730

PA957

PA958

PA1083

KP442-1

KP541-1

KP541-2

		GRAF ref.			NOTE	Adaptable for OES
Sintra '11/96-'4/99						
2.2 DTI (85 kW) Eng.X22DTH	97-99	**PA730**				1334117,6334040,90540478,93182043
2.2 i 16v (104 kW) Eng.X22XE	96-99	**PA572**		•		1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032
3.0 i 24v (148 kW) Eng.X30XE	96-99	**PA637**				1334059,1334140,90444649,93170697 R1160043
Speedster / VX220 '9/00-						
2.0 T. 16v (147 kW) Eng.Z20LET	03-	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
2.2 16v (108 kW) Eng.Z22SE	00-	**PA957**	•			12585226,12591894,12630084,24439798 24461382,24467301,4804957,6334002,6334042 9194747,93170401,93172718,93178602
Tigra A '7/94-'12/00						
1.4 i 16v (63-66 kW) Eng.X14XE	94-00	**PA541**		•		1334046,1334066,90444079,9192797,R1160030
	7/94-12/00	**KP541-2**		•	Only 63kW, Belt:162x20, PA541	1334046,1334066,90444079,9192797,93174119 93180218,93185845,R1160030
	7/94-12/00	**KP541-1**		•	Only 66kW, Belt:169x20, PA541	9128724,1334046,1334066,24451896,5636357 90444079,9192797,93174120,93180219 R1160030
1.6 i 16v (74 kW) Eng.C16SEL	97-98	**PA541**		•		1334046,1334066,90444079,9192797,R1160030
	8/97-8/98	**KP541-2**		•	Belt:162x20, PA541	1334046,1334066,90444079,9192797,93174119 93180218,93185845,R1160030
1.6 i 16v (78 kW) Eng.X16XE	94-98	**PA541**		•		1334046,1334066,90444079,9192797,R1160030
	7/94-8/98	**KP541-1**		•	Belt:169x20, PA541	9128724,1334046,1334066,24451896,5636357 90444079,9192797,93174120,93180219 R1160030
Tigra B Twintop '6/04-						
1.3 CDTi 16v (51 kW) Eng.Z13DT	6/04-	**PA1083**				1334647,1334711,4708767,6334001,93177340 93195466
1.4 16v (66 kW) Eng.Z14XEP	04-	**PA958**				1334145,1334166,24469102
1.8 16v (92 kW) Eng.Z18XE	04-	**PA727**		•		1334135,6334036,90543935
Vectra A (86, 87) / Cavalier III '9/88-'11/95						
1.4 S (55 kW) Eng.14NV	88-92	**PA443**		•	Eng -19307805	1334011,1334024,90234200,90325661
	88-92	**PA442**		•	Eng 19307806-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	8/88-	**KP442-1**		•	Belt:111x17, PA442, Eng 19307806/02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 (60 kW) Eng.16SV	88-93	**PA443**		•	Eng -02122349	1334011,1334024,90234200,90325661
	88-93	**PA442**		•	Eng 02122350-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	9/88-5/93	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 i (52 kW) Eng.X16SZ	93-95	**PA443**		•	Eng -02122349	1334011,1334024,90234200,90325661
	93-95	**PA442**		•	Eng 02122350-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	9/93-11/95	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350/19307806-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 i, Kat (55 kW) Eng.16LZ2/C16NZ/NZ2/E16NZ	88-95	**PA443**		•	Eng -02122349	1334011,1334024,90234200,90325661
	88-95	**PA442**		•	Eng 02122350-	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	9/88-11/95	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350/19307806-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.7 D (42-44 kW) Eng.17D/DR	88-92	**PA324**		•	Eng -14333449	1334014,90284913,90295078,R1160024
	88-92	**PA572**		•	Eng 14333450-	1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032

PA325

PA409

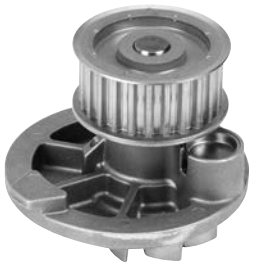
PA442

PA541

PA541A

PA571

PA572



PA572A

PA577

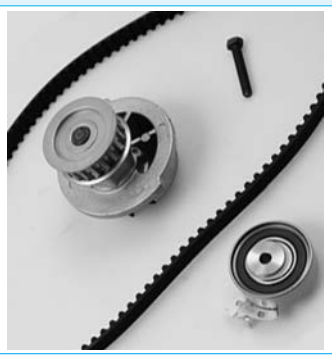
PA637

PA664

PA727

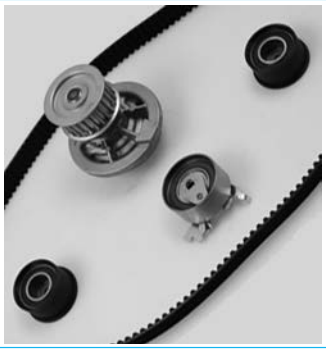
PA730

PA940



KP442-1

KP541-1



KP572-1

		GRAF ref.			NOTE	Adaptable for OES
1.7 TDS (60 kW) Eng.17DT(TC4EE1)/X17DT	90-95	**PA571**			Eng -877696	1334031,1334052,1334105,6334007,94341998 97101320,97110387,R1160028
	90-95	**PA664**			Eng 877697-	1334069,1334115,6334008,6334038,93179364 93182041,97114682,97220278,R1160036
1.8, 4WD, Kat (65-66 kW) Eng.18SV/C18NZ/E18NVR	88-95	**PA325**		•	Ch -N5999999	1334008,90220568,90272361,R1160018
	88-95	**PA577**		•	Ch P1000001-	1334054,90444123,R1160031
2.0 GT 16v Kat, 4WD (110 kW) Eng.20XE/20XEJ/C20XE	89-95	**PA409**		•	Eng -14142838	1334017,1334038,90281612,90442207 R1160034
	89-95	**PA572A**		•	Eng 14142839-	1334139,1334170,4817801,90444359,92226211 95507627
2.0 i (74 kW) Eng.C20NEF	88-89	**PA325**		•	Ch -N5999999	1334008,90220568,90272361,R1160018
	88-89	**PA577**		•	Ch P1000001-	1334054,90444123,R1160031
2.0 i 16v, 4WD (100 kW) Eng.X20XEV	94-95	**PA409**		•	Eng -14142838	1334017,1334038,90281612,90442207 R1160034
	94-95	**PA572A**		•	Eng 14142839-	1334139,1334170,4817801,90444359,92226211 95507627
	6/94-11/95	**KP572-1**		•	Belt:162x20, PA572	1334041,1334050,1334119,1334137,1334646 6334000
2.0 i T. 4WD (150 kW) Eng.C20LET	94-95	**PA409**		•	Eng -14142838	1334017,1334038,90281612,90442207 R1160034
	94-95	**PA572A**		•	Eng 14142839-	1334139,1334170,4817801,90444359,92226211 95507627
2.0 i, 4WD (95 kW) Eng.20SEH	88-92	**PA325**		•	Ch -N5999999	1334008,90220568,90272361,R1160018
	88-92	**PA577**		•	Ch P1000001-	1334054,90444123,R1160031
2.0 i, 4WD, Kat (85 kW) Eng.20NE/C20NE	88-95	**PA325**		•	Ch -N5999999	1334008,90220568,90272361,R1160018
	88-95	**PA577**		•	Ch P1000001-	1334054,90444123,R1160031
2.5 i V6 (125 kW) Eng.C25XE	93-95	**PA637**				1334059,1334140,90444649,93170697 R1160043
Vectra B, SW / Vectra '10/95-'4/02						
1.6 GL (60 kW) Eng.16SV	95-96	**PA442**		•		1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 i (55 kW) Eng.16LZ2	95-02	**PA577**		•		1334054,90444123,R1160031
	10/95-4/02	**KP442-1**		•	Belt:111x17, PA442, Eng 02LC6176-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 i (55 kW) Eng.X16SZR	95-02	**PA442**		•	Eng -02MZ5253	1334010,1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	95-02	**PA940**		•	Eng 02MZ5254-	1334078,6334039,9199595,93182042
	10/95-4/02	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 i 16v (74 kW) Eng.X16XEL/Y16XE/Z16XE	95-02	**PA541**		•	Eng -02MZ5253/20U75998	1334046,1334066,90444079,9192797,R1160030
	95-02	**PA541A**		•	Eng 02MZ5254/20U75999-	1334077,6334035,9199592,93182038
	10/95-4/02	**KP541-1**		•	Belt:169x20, PA541, Eng -02MZ5253	9128724,1334046,1334066,24451896,5636357 90444079,9192797,93174120,93180219 R1160030
1.7 TD (60 kW) Eng.X17DT(TC4EE1)	95-96	**PA664**				1334069,1334115,6334008,6334038,93179364 93182041,97114682,97220278,R1160036
1.8 16v (85 kW) Eng.X18XE	95-00	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
	95-00	**PA572**		•	Eng. Holdens Vehicles made in factory n° L	1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032
	-12/98	**KP572-1**		•	Eng.X18XE, Belt:162x20, PA572	1334041,1334050,1334119,1334137,1334646 6334000
1.8 16v (85 kW) Eng.X18XE1	95-00	**PA727**		•		1334135,6334036,90543935
	-12/98	**KP572-1**		•	Eng.X18XE, Belt:162x20, PA572	1334041,1334050,1334119,1334137,1334646 6334000
1.8 16v (92 kW) Eng.Z18XE	00-02	**PA727**		•		1334135,6334036,90543935
2.0 Di 16v (60 kW) Eng.X20DTL	96-02	**PA730**				1334117,6334040,90540478,93182043
2.0 DTI 16v (74 kW) Eng.X20DTH/Y20DTH	97-02	**PA730**				1334117,6334040,90540478,93182043
2.0 i (82 kW) Eng.20NEJ	95-02	**PA577**		•		1334054,90444123,R1160031
2.0 i 16v (100 kW) Eng.C20SEL	95-00	**PA572**		•		1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032

PA541

PA541A

PA572

PA572A

PA637

PA672

PA727

PA730

PA957

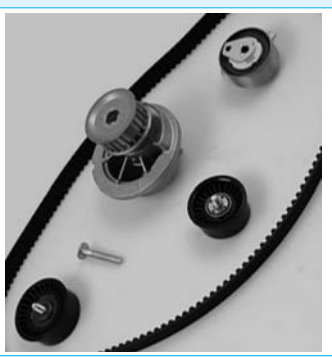
PA959

PA991

Cuscinetto rinforzato
Reinforced bearing

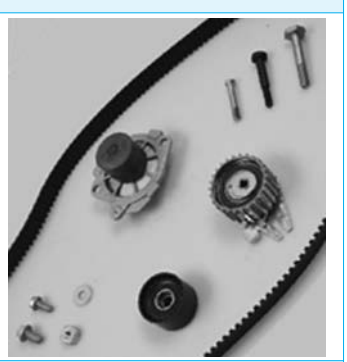
PA1085

KP541-2



KP541-3

KP572-1



KP672-2

KP727-1

KP1085-2

		GRAF ref.			NOTE	Adaptable for OES
2.0 i 16v (100 kW) Eng.C20SEL	10/95-9/00	**KP572-1**		•	Belt:162x20, PA572	1334041,1334050,1334119,1334137,1334646 6334000
2.0 i 16v (100 kW) Eng.X20XEV	95-00	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
	95-00	**PA572**		•	Eng. Holdens Vehicles made in factory n° L	1334041,1334050,1334053,1334646,6334000 90443549,90444311,9192370,93284724 96353151,R1160032
	10/95-9/00	**KP572-1**		•	Belt:162x20, PA572	1334041,1334050,1334119,1334137,1334646 6334000
2.2 16v (108 kW) Eng.Z22SE	00-02	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
2.2 DTI 16v (92 kW) Eng.Y22DTR	00-02	**PA730**				1334117,6334040,90540478,93182043
2.5 i 500 (143 kW) Eng.X25XE	98-00	**PA637**				1334059,1334140,90444649,93170697 R1160043
2.5 i V6 (125 kW) Eng.X25XE	95-00	**PA637**				1334059,1334140,90444649,93170697 R1160043
Vectra C, SW, Gts / Vectra II '4/02-						
1.6 16v (74 kW) Eng.Z16XE	04-	**PA541A**		•		1334077,6334035,9199592,93182038
	6/04-	**KP541-3**		•	Belt:162x20, PA541A	1334077,6334035,9199592,93174119,93180218 93182038,93185845
1.6 16v (77 kW) Eng.Z16XEP	06-	**PA959**				1334142,24405895
1.8 (81 kW) Eng.Z18XEL	02-	**PA727**		•		1334135,6334036,90543935
1.8 16v (103 kW) Eng.Z18XER	06-	**PA959**				1334142,24405895
1.8 16v (90 kW) Eng.Z18XE	02-	**PA727**		•		1334135,6334036,90543935
	4/02-	**KP727-1**		•	Belt:162x20, PA727	1334135,90543935,93174119,93180218 93185845
1.9 CDTi (110 kW) Eng.Z19DTH	04-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
	4/04-	**KP1085-2**		•	Belt:199x24, PA1085	1334147,1334284,55568637,93179114 93191278,93191762
1.9 CDTi (74 kW) Eng.Z19DTL	05-	**PA672**		•		6334003
	05-	**KP672-2**		•	Belt:190x24, PA672	5636456/ 63,5636475/ 743/ 745,6334003 93178807/ 16,93181966,93186866
1.9 CDTi (88 kW) Eng.Z19DT	04-	**PA672**		•		6334003
	04-	**KP672-2**		•	Belt:190x24, PA672	5636456/ 63,5636475/ 743/ 745,6334003 93178807/ 16,93181966,93186866
2.0 DTI 16v (74 kW) Eng.Y20DTH	02-	**PA730**				1334117,6334040,90540478,93182043
2.0 T. 16v (129 kW) Eng.Z20NET	03-	**PA957**	•			12585226,12591894,12630084,24439798 24461382,24467301,4804957,6334002,6334042 9194747,93170401,93172718,93178602
2.2 16v (Exc. SW) (108 kW) Eng.Z22SE	02-	**PA957**	•			12585226,12591894,12630084,24439798 24461382,24467301,4804957,6334002,6334042 9194747,93170401,93172718,93178602
2.2 16v Direct (114 kW) Eng.Z22YH	03-	**PA957**	•			12585226,12591894,12630084,24439798 24461382,24467301,4804957,6334002,6334042 9194747,93170401,93172718,93178602
2.2 DTi 16v (86 kW) Eng.Y22DTR	02-04	**PA730**				1334117,6334040,90540478,93182043
2.2 DTI 16v (92 kW) Eng.Y22DTR	02-	**PA730**				1334117,6334040,90540478,93182043
2.8 V6 T. (169 kW) Eng.N28NET/NEL	05-	**PA991**				1334648,6334043
2.8 V6 T. (184 kW) Eng.Z28NET	06-	**PA991**				1334648,6334043
2.8 V6 T. (188 kW) Eng.N28NET	05-	**PA991**				1334648,6334043
2.8 V6 T. (206 kW) Eng.Z28NET	06-	**PA991**				1334648,6334043
3.2 V6 (155 kW) Eng.Z32SE	02-	**PA637**				1334059,1334140,90444649,93170697 R1160043
Zafira A '4/99-'10/05						
1.6 (76 kW) Eng.Z16XEP	03-	**PA959**				1334142,24405895
1.6 16v (74 kW) Eng.X16XEL/Z16XE	99-05	**PA541**		•	Eng -02MV7224/20U75998	1334046,1334066,90444079,9192797,R1160030
	99-05	**PA541A**		•	Eng 02MV7225/20U75999-	1334077,6334035,9199592,93182038
	4/99-10/05	**KP541-2**		•	Belt:162x20, PA541, Eng 02HL5118/20041691-02MV722 4/ 20U75998	1334046,1334066,90444079,9192797,93174119 93180218,93185845,R1160030
	4/99-10/05	**KP541-3**		•	Belt:162x20, PA541A, Eng 02MZ5254/20U75999-	1334077,6334035,9199592,93174119,93180218 93182038,93185845
1.6 CNG (71 kW) Eng.Z16YNG	01-05	**PA541**		•	Eng -02MV7224/20U75998	1334046,1334066,90444079,9192797,R1160030
	01-05	**PA541A**		•	Eng 02MV7225/20U75999-	1334077,6334035,9199592,93182038

PA541

PA541A

PA572A

PA672

PA727

PA730

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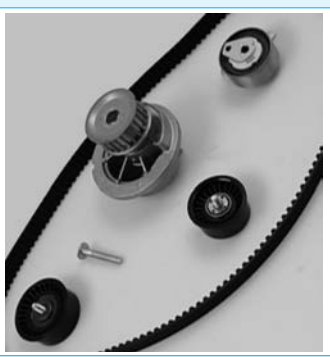
PA1085

PA1124



KP541-3

KP727-1

KP1085-2

		GRAF ref.			NOTE	Adaptable for OES
1.6 CNG (71 kW) Eng.Z16YNG	9/01-10/05	**KP541-3**		•	Belt:162x20, PA541A	1334077,6334035,9199592,93174119,93180218 93182038,93185845
1.6 i 16v (55 kW) Eng.X16SZR	99-	**PA541**		•		1334046,1334066,90444079,9192797,R1160030
1.8 (81 kW) Eng.Z18XEL	03-05	**PA727**		•		1334135,6334036,90543935
1.8 16v (85 kW) Eng.X18XE/1	99-00	**PA727**		•		1334135,6334036,90543935
	4/99-9/00	**KP727-1**		•	Belt:162x20, PA727, Eng 02HL5118/20041691-	1334135,90543935,93174119,93180218 93185845
1.8 16v (92 kW) Eng.Z18XE	00-05	**PA727**		•		1334135,6334036,90543935
	9/00-10/05	**KP727-1**		•	Belt:162x20, PA727, Eng 02HL5118/20041691-	1334135,90543935,93174119,93180218 93185845
2.0 16v T. OPC (141 kW) Eng.Z20LET	01-05	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
2.0 Di 16v (60 kW) Eng.X20DTL	99-05	**PA730**				1334117,6334040,90540478,93182043
2.0 DTi (63 kW) Eng.Y20DTL	03-	**PA730**				1334117,6334040,90540478,93182043
2.0 DTI 16v (74 kW) Eng.Y20DTH	00-05	**PA730**				1334117,6334040,90540478,93182043
2.0 T. 16v (147 kW) Eng.Z20LER	02-05	**PA730**				1334117,6334040,90540478,93182043
2.2 16v (108 kW) Eng.Z22SE	00-	**PA957**	•			12585226,12591894,12630084,24439798 24461382,24467301,4804957,6334002,6334042 9194747,93170401,93172718,93178602
2.2 DTI 16v (86-92 kW) Eng.Y22DTR	02-05	**PA730**				1334117,6334040,90540478,93182043
Zafira B '10/05-						
1.6 16v (110 kW) Eng.Z16XNT	09-	**PA959**				1334142,24405895
1.6 16v (69 kW) Eng.Z16YNG	08-	**PA541A**		•		1334077,6334035,9199592,93182038
	3/08-	**KP541-3**		•	Belt:162x20, PA541A	1334077,6334035,9199592,93174119,93180218 93182038,93185845
1.6 16v (77 kW) Eng.Z16XEP	05-	**PA959**				1334142,24405895
1.6 16v (83-85 kW) Eng.Z16XER	08-	**PA959**				1334142,24405895
1.7 CDTi 16v (81-92 kW) Eng.Z17DTR/Z17DTJ	08-	**PA1077**			Ch -1874032	6334048,98003100
	08-	**PA834**			Ch 1874033-	1334073,1334143,1334268,6334019/ 24 93182028,9318208,97251178,97287175 97307468,98109416
1.8 (88 kW) Eng.A18XEL	13-	**PA959**				1334142,24405895
1.8 16v (103 kW) Eng.Z18XEP/Z18	05-	**PA959**				1334142,24405895
1.9 CDTi (110 kW) Eng.Z19DTH	05-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
	05-	**KP1085-2**		•	Belt:199x24, PA1085	1334147,1334284,55568637,93179114 93191278,93191762
1.9 CDTi (74 kW) Eng.Z19DT	05-	**PA672**		•		6334003
1.9 CDTi (88 kW) Eng.Z19DT	05-	**PA672**		•		6334003
2.0 (125 kW) Eng.Z20LEL	05-	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
2.0 OPC (177 kW) Eng.Z20LEH	06-	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
2.0 T. 16v (147 kW) Eng.Z20LER	05-	**PA572A**		•		1334139,1334170,4817801,90444359,92226211 95507627
2.2 (110 kW) Eng.Z22YH	05-	**PA957**	•			12585226,12591894,12630084,24439798 24461382,24467301,4804957,6334002,6334042 9194747,93170401,93172718,93178602
Zafira C '12/11-						
1.4 T (103 kW) Eng.A14NET	11-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.4 T (88 kW) Eng.A14NEL	11-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.6 T ecoM (110 kW) Eng.A16XNT	11-	**PA959**				1334142,24405895
1.8 (103 kW) Eng.A18XER	11-	**PA959**				1334142,24405895
1.8 (85 kW) Eng.A18XEL	11-	**PA959**				1334142,24405895
1.8 (88 kW) Eng.A18XEL	11-	**PA959**				1334142,24405895
2.0 CDTI (118-121 kW) Eng.A20DTH	11-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
2.0 CDTi (143 kW) Eng.A20DTR	13-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
2.0 CDTI (81 kW) Eng.A20DTL	11-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
2.0 CDTI (96 kW) Eng.A20DTJ	11-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762

PA178

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PA442

PA541

PA571

PA572

PA664

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PA834

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KP442-1

KP541-1

KP541-2

		GRAF ref.			NOTE	Adaptable for OES
Arena '3/98-'8/01						
1.9 D (44 kW) Eng.F8Q600/606	98-01	**PA178**				4404088
2.5 D (55 kW) Eng.S8U758/780/782	98-01	**PA178**				4404088
Astra F Van (55) '10/91-'1/99						
1.4 i (44 kW) Eng.C14NZ	91-99	**PA442**		•		1334025,1334065,1334098,90144227,90325660 9192793
	10/91-1/99	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 16v (74 kW) Eng.X16XEL	94-98	**PA541**		•		1334046,1334066,90444079,9192797,R1160030
	1/98-3/98	**KP541-1**		•	Belt:169x20, PA541, Eng -02MV7224/20U75998	9128724,1334046,1334066,24451896 56 36 357,90444079,9192797,93174120 93180219,R1160030
	94-98	**KP541-2**		•	Belt:162x20, PA541, Eng 02HL5118/20041691-	1334046,1334066,90444079,9192797,93174119 93180218,93185845,R1160030
1.6 i (52 kW) Eng.X16SZ	93-96	**PA442**		•		1334025,1334065,1334098,90144227,90325660 9192793
	2/93-7/96	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 i (55 kW) Eng.C16NZ	91-93	**PA442**		•		1334025,1334065,1334098,90144227,90325660 9192793
	10/91-4/93	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.7 D (42 kW) Eng.17D	91-92	**PA324**		•	Eng -14363651	1334014,90284913,90295078,R1160024
	91-92	**PA572**		•	Eng 14363652-	1334041,1334050,1334053,90443549,90444311 9192370,R1160032
1.7 D (44 kW) Eng.17D/DR	92-99	**PA324**		•	Eng -14363651	1334014,90284913,90295078,R1160024
	92-99	**PA572**		•	Eng 14363652-	1334041,1334050,1334053,90443549,90444311 9192370,R1160032
1.7 TD (50 kW) Eng.X17DTL	94-99	**PA572**		•		1334041,1334050,1334053,90443549,90444311 9192370,R1160032
1.7 TD (60 kW) Eng.X17DT	95-98	**PA571**			Eng -00855805	1334031,1334052,1334105,6334007,94341998 97101320,97110387
	95-98	**PA664**			Eng 00855806-	1334115,97114682
Astra G Van (F70) '1/99-'2/04						
1.6i (55 kW) Eng.X16SZR	99-00	**PA940**		•		1334078,6334039,9199595,93182042
	99-00	**KP442-1**		•	Belt:111x17, PA442, Eng -02MZ5253	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6i (62 kW) Eng.Z16SE	00-	**PA442**		•	Eng -02MZ5253/20U75998	1334025,1334065,1334098,90144227,90325660 9192793
	00-	**PA940**		•	Eng 02MZ5254-	1334078,6334039,9199595,93182042
	9/00-2/04	**KP442-1**		•	Belt:111x17, PA442, Eng -02MZ5253/20U75998	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.7 CDTi (59 kW) Eng.Z17DTL	03-04	**PA834**				1334073
1.7 DTi (55 kW) Eng.Y17DT	01-04	**PA834**				1334073
1.7 TD (50 kW) Eng.X17DTL	99-	**PA572**		•		1334041,1334050,1334053,90443549,90444311 9192370,R1160032
2.0 Di 16v (60 kW) Eng.X20DTL	99-	**PA730**				1334117,6334040,90540478,93182043
2.0 DTi (74 kW) Eng.Y20DTH	99-04	**PA730**				1334117,6334040,90540478,93182043
Astra H Van '3/04-'11/09						
1.3 CDTi 16v (66 kW) Eng.Z13DTH	05-	**PA1083**				1334647,6334001
1.4 16v (66 kW) Eng.Z14XEP	04-	**PA958**				1334145,24469102
1.6 16v (76 kW) Eng.Z16XEP	05-	**PA959**				1334142,24405895
1.7 CDTi (59 kW) Eng.Z17DTL	05-06	**PA834**				1334073
1.7 CDTi (74 kW) Eng.Z17DTH	04-09	**PA1077**				6334048,98003100
1.7 CDTi (81 kW) Eng.A17DTJ/Z17DTJ	07-	**PA1077**				6334048,98003100
1.7 CDTi (92 kW) Eng.A17DTR/Z17DTR	07-	**PA1077**				6334048,98003100
1.9 CDTi (110 kW) Eng.Z19DTH	05-	**PA1085**		•	+RB, Eng 17376049-	1334147,1334153,1334284,93191762

PA108

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PA664

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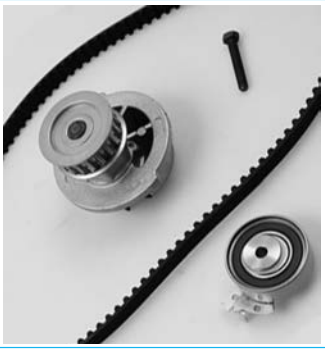
PA1085



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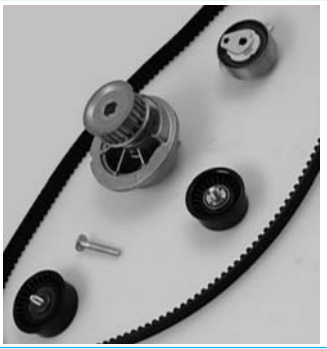

KP541-3

KP1085-2

		GRAF ref.			NOTE	Adaptable for OES
1.9 CDTi (110 kW) Eng.Z19DTH	05-	**KP1085-2**		•	Belt:199x24, PA1085	1334147,1334284,55568637,93179114 93191278,93191762
1.9 CDTi, 16v (88 kW) Eng.Z19DT/DTJ	04-	**PA672**		•		6334003
Campo (TF) / Brava Pick-up '8/87-						
2.5 D, 4WD (56 kW) Eng.4JA1	91-94	**PA809**				1334104,1334113,97105012,97123330
2.5 TD, 4WD (56 kW) Eng.4JA1T	94-	**PA809**				1334104,1334113,97105012,97123330
Combo I (71) '7/94-'10/01						
1.2 (33 kW) Eng.C12NZ/X12SZ	94-01	**PA442**		•		1334025,1334065,1334098,90144227,90325660 9192793
	7/94-10/01	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.4 i (44 kW) Eng.C14NZ/X14SZ	94-01	**PA442**		•		1334025,1334065,1334098,90144227,90325660 9192793
	7/94-10/01	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.4 i 16v (66 kW) Eng.X14XE	99-01	**PA541**		•		1334046,1334066,90444079,9192797,R1160030
1.4 Si (60 kW) Eng.C14SE	94-01	**PA442**		•		1334025,1334065,1334098,90144227,90325660 9192793
	7/94-10/01	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 (74 kW) Eng.C16SEL	1/94-96	**PA541**		•		1334046,1334066,90444079,9192797,R1160030
1.7 D (44 kW) Eng.17D(4EE1)/X17D	94-01	**PA571**			Eng -00877697	1334031,1334052,1334105,6334007,94341998 97101320,97110387
	94-01	**PA664**			Eng 00877698-	1334115,97114682
Combo II '10/01-						
1.3 CDTi 16v (51 kW) Eng.Z13DT/Y13DT	04-	**PA1083**				1334647,6334001
1.3 CDTi 16v (55 kW) Eng.Z13DTJ	05-	**PA1083**				1334647,6334001
1.4 16v (66 kW) Eng.Z14XEP	04-	**PA958**				1334145,24469102
1.6 (62-64 kW) Eng.Z16SE	01-	**PA940**		•		1334078,6334039,9199595,93182042
1.6 16v (69 kW) Eng.Z16YNG	06-	**PA541A**		•		1334077,6334035,9199592
	6/06-	**KP541-3**		•	Belt:162x20, PA541A	1334077,6334035,9199592,93174119,93180218 93182038,93185845
1.6 CNG (71 kW) Eng.Z16YNG	05-	**PA541A**		•		1334077,6334035,9199592
	4/05-	**KP541-3**		•	Belt:162x20, PA541A	1334077,6334035,9199592,93174119,93180218 93182038,93185845
1.7 CDTi (74 kW) Eng.Z17DTH	01-	**PA834**				1334073
1.7 Di 16v (48 kW) Eng.Y17DTL	01-	**PA834**				1334073
1.7 DTI 16v (55 kW) Eng.Y17DT	01-	**PA834**				1334073
Combo III (X12) '11/11-						
1.3 CDTi (66 kW) Eng.Z13DTH/A13FD	11-	**PA1083**				1334647,6334001
1.4 (70 kW) Eng.A14FP	11-	**PA1030**		•		1334190,55221397
1.4 CNG (88 kW) Eng.A14FC	11-	**PA1030**		•		1334190,55221397
1.6 CDTi (66 kW) Eng.A16FDL	11-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
1.6 CDTi (74 kW) Eng.A16FDH	12-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
1.6 CDTi (77 kW) Eng.A16FDH	11-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
2.0 CDTi (99 kW) Eng.A20FD	11-	**PA1085**		•	+RB	1334147,1334153,1334284,93191762
Corsa A Van / Nova Van '2/86-'1/94						
1.0 (33 kW) Eng.10S	86-89	**PA108**				1334027,1334071,90091035,90409912
1.2 (33 kW) Eng.12NC/E12GV	86-89	**PA108**				1334027,1334071,90091035,90409912
1.2 (40 kW) Eng.12ST	86-89	**PA442**		•		1334025,1334065,1334098,90144227,90325660 9192793
1.2 (44 kW) Eng.12S	86-90	**PA442**		•		1334025,1334065,1334098,90144227,90325660 9192793
1.3 (44 kW) Eng.13NB	86-89	**PA441**		•		1334004,1334023,1334070,90076952,90183273 90349241
1.3 (51 kW) Eng.13SB	86-89	**PA441**		•		1334004,1334023,1334070,90076952,90183273 90349241
1.5 D (37 kW) Eng.15D(4EC1)	87-89	**PA410**			Eng -804794	1334016,94124093

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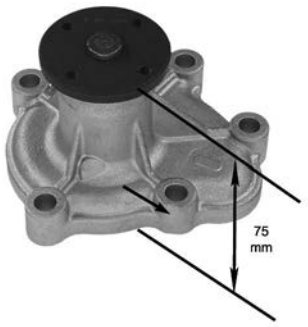

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KP442-1

		GRAF ref.			NOTE	Adaptable for OES
1.5 D (37 kW) Eng.15D(4EC1)	87-89	**PA571**			Eng 804795-909999	1334031,1334052,1334105,6334007,94341998 97101320,97110387
Corsa B Van (73) / Corsa Van '8/99-'9/00						
1.4 i (44 kW) Eng.X14SZ	99-00	**PA442**		•		1334025,1334065,1334098,90144227,90325660 9192793
	8/99-9/00	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.5 D (37 kW) Eng.15D	94-95	**PA415**			Eng -00877697	1334034,1334102,1334107,6334004,94386207 97101319,97110386,R1160025,R1160037
	94-95	**PA728**			Eng 00877698-	1334114,6334005,93179361,97114683 R1160038
1.7 D (44 kW) Eng.17D(4EE1)/X17D	99-00	**PA571**			Eng -00877697	1334031,1334052,1334105,6334007,94341998 97101320,97110387
	99-00	**PA664**			Eng 00877698-	1334115,97114682
Corsa C Van (F08, W5L) / Corsa II Van '9/00-'6/06						
1.2 16v (55 kW) Eng.Z12XE	00-	**PA729**	•			1334079,1334130,6334025,6334049,90542606 93182026,93189693
1.2 16v (59 kW) Eng.Z12XEP	05-	**PA958**				1334145,24469102
1.3 CDTi 16v (51 kW) Eng.Z13DT	05-	**PA1083**				1334647,6334001
1.4 (66 kW) Eng.Z14XE	03-	**PA541**		•	Eng -02MZ5253/20U75998	1334046,1334066,90444079,9192797,R1160030
	03-	**PA541A**		•	Eng 02MZ5254/20U75999-	1334077,6334035,9199592
1.6 (71 kW) Eng.Z16YNG	05-	**PA541A**		•		1334077,6334035,9199592
1.7 CDTi (74 kW) Eng.Z17DTH	03-	**PA834**				1334073
1.7 Di 16v (48 kW) Eng.Y17DTL	00-	**PA834**				1334073
1.7 DTI 16v (55 kW) Eng.Y17DT	00-	**PA834**				1334073
Corsa D Van '7/06-						
1.0 12v (44-48 kW) Eng.Z10XEP/A10XEP	7/06-	**PA958**				1334145,24469102
1.2 16v (51 kW) Eng.A12XEL	06-	**PA1124**				1334128,1334169,1334210,55561623,55587345 55595610,55779016
1.2 16v (59-63 kW) Eng.Z12XEP/A12XER	7/06-	**PA958**				1334145,24469102
1.3 CDTi (66 kW) Eng.Z13DTH	06-	**PA1083**				1334647,6334001
1.3 CDTi (70 kW) Eng.A13DTR/Z13DTE	10-	**PA1083**				1334647,6334001
1.3 CDTi 16v (55 kW) Eng.Z13DTJ	7/06-	**PA1083**				1334647,6334001
Kadett E Van / Astra E Van '8/84-'7/94						
1.2 (40 kW) Eng.12SC	84-86	**PA442**		•	Eng. OHC	1334025,1334065,1334098,90144227,90325660 9192793
	84-86	**PA108**			Eng. OHV	1334027,1334071,90091035,90409912
1.3i, Kat (44 kW) Eng.13NB/C13N	84-89	**PA441**		•		1334004,1334023,1334070,90076952,90183273 90349241
1.4 i (44 kW) Eng.C14NZ/X14SZ	90-94	**PA443**		•	Eng -02J22349/19311737	1334011,1334024,90234200,90325661
	90-94	**PA442**		•	Eng 02J22350/19311738-	1334025,1334065,1334098,90144227,90325660 9192793
	1/90-7/94	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350/19311738-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.4 S (55 kW) Eng.14NV	7/89-8/91	**KP442-1**		•	Belt:111x17, PA442	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 (60 kW) Eng.16SV	9/86-12/91	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.6 D (40 kW) Eng.16D/16DA	84-86	**PA236**		•	M/T+A/T, G.Box -14478630	1334012,1334015,1334099,90106450,90285418
	86-89	**PA324**		•	M/T+A/T, G.Box 14478631-	1334014,90284913,90295078,R1160024
1.6 i (55 kW) Eng.C16NZ	89-94	**PA443**		•	Ch -02J22349	1334011,1334024,90234200,90325661
	89-94	**PA442**		•	Ch 02J22350-	1334025,1334065,1334098,90144227,90325660 9192793
	8/89-7/94	**KP442-1**		•	Belt:111x17, PA442, Eng 02J22350-	1334025,1334065,1334098,1334132,1606368 1606369,90144227,90325660,90349239 9192793,93188125,93188126,R1160012
1.7 D (42-44 kW) Eng.17D/DR	88-94	**PA324**		•		1334014,90284913,90295078,R1160024
1.8 i (66 kW) Eng.C18NT	84-92	**PA325**		•	G.Box 14237770/14056061-	1334008,90220568,90272361,R1160018

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PA1037

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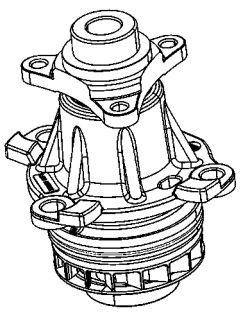

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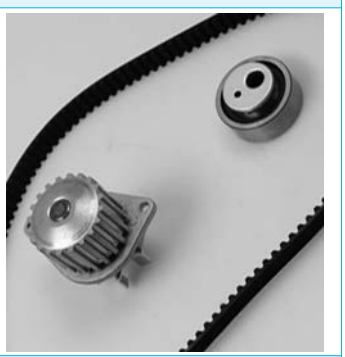

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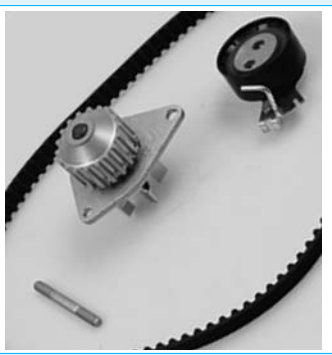
KP822-1



KP837-1

KP859-1

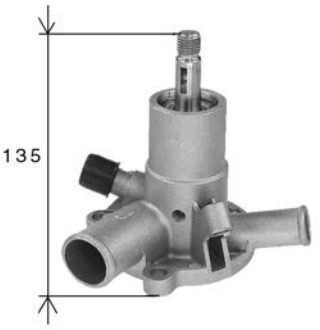
		GRAF ref.			NOTE	Adaptable for OES
Movano I '7/98-'6/10						
1.9 DTi (59-60 kW) Eng.F9Q770/774	10/01-	**PA822**		•		4408028,91159773
	9/00-10/01	**PA531**				4409162
	9/00-6/10	**KP822-1**		•	Belt:132x26, PA822	4408028,91158706,91159773,93161478
2.2 DTi (66 kW) Eng.G9T720	00-	**PA803**				4401595,4506045
2.5 CDTi (107 kW) Eng.G9U632	06-	**PA803**				4401595,4506045
2.5 CDTi (74 kW) Eng.G9U650	07-10	**PA803**				4401595,4506045
2.5 CDTi (88 kW) Eng.G9U632	06-10	**PA803**				4401595,4506045
2.5 D (59 kW) Eng.S8U770	99-00	**PA750**				4501293
2.5 DTi (73 kW) Eng.G9U754	07-10	**PA803**				4401595,4506045
2.5 DTi (84 kW) Eng.G9U720/724/750/754	01-10	**PA803**				4401595,4506045
2.8 DTI (84 kW) Eng.S9W702	98-	**PA751**				4501294
Movano II '7/10-						
2.3 CDTi (108 kW) Eng.M9T694/696/698/678/680	10-	**PA1182**				4420987,93168730
2.3 CDTi (110 kW)	10-	**PA1182**				4420987,93168730
2.3 CDTi (74 kW) Eng.M9T690/692/670/672/676	10-	**PA1182**				4420987,93168730
2.3 CDTi (92 kW) Eng.M9T686/690/692/696/698	10-	**PA1182**				4420987,93168730
Vivaro '8/01-						
1.9 Di (59-60 kW) Eng.F9Q774/762	01-	**PA822**		•		4408028,91159773
	8/01-	**KP822-1**		•	Belt:132x26, PA822	4408028,91158706,91159773,93161478
1.9 DTI (74 kW) Eng.F9Q760	01-	**PA822**		•		4408028,91159773
	8/01-	**KP822-1**		•	Belt:132x26, PA822	4408028,91158706,91159773,93161478
2.0 16v (88 kW) Eng.F4R720	01-	**PA822**		•		4408028,91159773
	05-	**PA1087**		•	+RB	4449049
2.0 16v ECO (86 kW) Eng.F4R820	06-	**PA822**		•		4408028,91159773
	06-	**PA1087**		•	+RB	4449049
2.0 CDTi 120 (84 kW) Eng.M9R780	03-	**PA1037**		•		4431125,93161595
2.0 CDTi 90 (66 kW) Eng.M9R.E7	03-	**PA1037**		•		4431125,93161595
2.5 CDTi (84 kW) Eng.G9U720	06-	**PA803**				4401595,4506045
2.5 DCi 150 (107-108 kW) Eng.G9U630	03-	**PA803**				4401595,4506045
2.5 DTI (99 kW) Eng.G9U730	03-	**PA803**				4401595,4506045

PEUGEOT

1007 (KM) '4/05-						
1.4 (55 kW) Eng.KFV(TU3JP)	05-	**PA837**		•		1201.G0,1609417080
	4/05-	**KP837-1**		•	Belt:104x17, PA837	0831.86/ .87,1201.G0/ 1609417080
1.4 16v (65 kW) Eng.KFU(ET3J4)	05-	**PA941**		•		1201.G2,1609417180
1.4 HDi (50 kW) Eng.8HX/8HZ(DV4TD)	05-	**PA859**		•		1201.F9/ .G8,1609417380
	4/05-	**KP859-1**		•	Belt:144x25, PA859	0831.80/ .81,1201.F9/ .G8/ 1609417380
1.6 16v (80 kW) Eng.NFU(TU5JP4)	05-	**PA683**		•		1201.A2/ .E5,1609417280
1.6 HDi 16v FAP (80 kW) Eng.9HZ(DV6TED4)	3/07-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
104 '10/72-'6/88						
0.95 (32 kW) Eng.108C(XV8)	83-88	**PA147**				1201.69,1202.58
0.95, Coupe (32-33-34 kW) Eng.108(XV3/5)	72-83	**PA147**				1201.69,1202.58
1.1, Coupe (37-42-49 kW) Eng.109F(XW3/7)	76-83	**PA147**				1201.69,1202.58
1.1, Coupe (48-49 kW) Eng.121(XW3S)	73-80	**PA147**				1201.69,1202.58
1.2 (42-49 kW) Eng.129(XZ5)	79-83	**PA147**				1201.69,1202.58
1.4, Coupe (44-53 kW) Eng.150(XY6B)	79-84	**PA147**				1201.69,1202.58
106 I (1A, 1C) '9/91-'4/96						
0.95 (33 kW) Eng.CDY(TU9)	91-96	**PA628**		•		1201.E3,1207.18/ .23
	9/91-4/96	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23
0.95 (37 kW) Eng.CDZ(TU9M)	91-96	**PA628**		•		1201.E3,1207.18/ .23
	9/91-4/96	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23
1.1 (40 kW) Eng.HDY(TU1M)	91-96	**PA628**		•		1201.E3,1207.18/ .23
	9/91-4/96	**KP628-2**		•	Belt:104x17, PA628, Eng -3762434	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23

PA095

PA147



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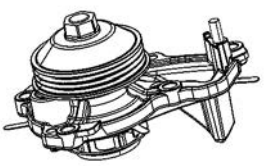

PA1239

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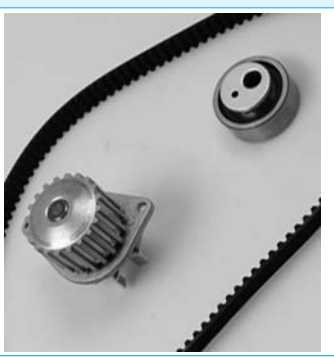
KP628-1



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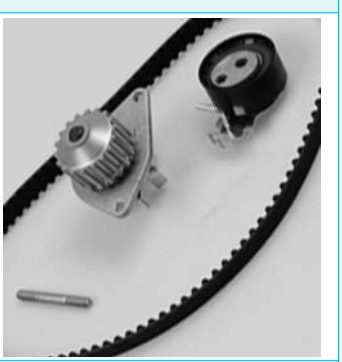

KP837-2

KP859-1

		GRAF ref.			NOTE	Adaptable for OES
1.1 (44 kW) Eng.HDZ(TU1MZ)	91-96	**PA628**		•		1201.E3,1207.18/ .23
	9/91-4/96	**KP628-2**		•	Belt:104x17, PA628, Eng -3762434	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23
1.3 (70-72 kW) Eng.TU2J2/TU3FJ2K	93-96	**PA628**		•		1201.E3,1207.18/ .23
	10/93-4/96	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34/ 1207.18/ .23
1.4 (47-55 kW) Eng.KDY/KDZ/KDX(TU3A/AN/S/M/2/2K/MC/F2)	91-96	**PA628**		•		1201.E3,1207.18/ .23
1.4 (65 kW) Eng.NFZ(TU5JP)	91-96	**PA628**		•		1201.E3,1207.18/ .23
1.4 (69 kW) Eng.KFZ(TU3J2-Z)	91-96	**PA491**		•		1201.58/ .E4/ .E6,1207.25
	9/91-4/96	**KP628-1**		•	Belt:108x17, PA628, Eng -50355042	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 / 1207.18/ .23
1.4 D (37 kW) Eng.K9Y(TUD3Y)	92-96	**PA628**		•		1201.E3,1207.18/ .23
1.5 D (40 kW) Eng.VJY(TUD5)	94-96	**PA491**		•		1201.58/ .E4/ .E6,1207.25
1.5 D (43 kW) Eng.VJX(TUD5B)	94-96	**PA491**		•		1201.58/ .E4/ .E6,1207.25
1.6 (65 kW) Eng.NFZ(TU5JP)	93-96	**PA628**		•	Only Aluminium BH Version	1201.E3,1207.18/ .23
	93-96	**PA491**		•	Only Iron BH Version	1201.58/ .E4/ .E6,1207.25
	6/93-4/96	**KP491-1**		•	Belt:101x17, PA491	0831.24/ .Q5,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.6 (76 kW) Eng.NFY(TU5J2)	94-96	**PA491**		•		1201.58/ .E4/ .E6,1207.25
	1/94-4/96	**KP491-1**		•	Belt:101x17, PA491	0831.24/ .Q5,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
106 II (1) '5/96-						
0.95 (33-37 kW) Eng.CDY/Z(TU9M)	96-	**PA628**		•		1201.E3,1207.18/ .23
1.1 (40 kW) Eng.HDY(TU1M)	97-	**PA628**		•		1201.E3,1207.18/ .23
1.1 (44 kW) Eng.HFX(TU1JP)	96-	**PA837**		•	Eng 3762434-	1201.G0,1609417080
	96-	**PA628**		•	Eng -3762433	1201.E3,1207.18/ .23
	5/96-	**KP837-2**		•	Belt:100x17, PA837, Eng 3762434-	0831.84/ .85/ .S1,1201.G0/ 1609417080
	5/96-	**KP628-2**		•	Belt:104x17, PA628, Eng -3666765	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23
1.4 (55 kW) Eng.KFW/KFX(TU3JP)	96-	**PA628**		•	Eng -36667655	1201.E3,1207.18/ .23
	96-	**PA837**		•	Eng 36667656-	1201.G0,1609417080
1.5 D (40-43 kW) Eng.VJY/X(TUD5)	96-	**PA491**		•		1201.58/ .E4/ .E6,1207.25
1.6 (65 kW) Eng.NFZ(TU5JP)	96-	**PA491**		•		1201.58/ .E4/ .E6,1207.25
	5/96-	**KP491-1**		•	Belt:101x17, PA491	0831.24/ .Q5,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.6 (74 kW) Eng.NFW/NFY(TU5J2)	96-	**PA491**		•		1201.58/ .E4/ .E6,1207.25
1.6 S16/Rallye (87 kW) Eng.NFX(TU5J4)	96-	**PA683**		•		1201.A2/ .E5,1609417280
107 '6/05-						
1.0 (50 kW) Eng.1KRFE	05-	**PA1020**				1201.H0/ .J0/ .K6/ .L3
1.4 HDi (40 kW) Eng.8HT(DV4TD)	05-	**PA859**		•		1201.F9/ .G8,1609417380
	6/05-	**KP859-1**		•	Belt:144x25, PA859	0831.80/ .81,1201.F9/ .G8/ 1609417380
2008 '5/13-						
1.2 VTi (60 kW)	13-	**PA1239**				9803442480
1.6 e-HDI (68 kW) Eng.9HP(DV6DTED)	13-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 e-HDI (84 kW) Eng.9HD(DV6CTED)	13-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 VTi (88 kW) Eng.5FS(EP6C)	13-	**PA994**				1201.H8,9801573380
204 '10/65-'10/77						
1.1 (40-43 kW) Eng.XK5	75-77	**PA154**				1201.30,1202.39/ .56/ .68
	75-77	**PA095**			+AF	1201.19/ .29,1202.40/ .50/ .55/ .67
1.1, Cabrio (39 kW) Eng.XK	65-69	**PA154**				1201.30,1202.39/ .56/ .68
	65-69	**PA095**			+AF	1201.19/ .29,1202.40/ .50/ .55/ .67
1.1, Cabrio, Coupe, Break (40 kW) Eng.XK4	69-77	**PA154**				1201.30,1202.39/ .56/ .68
	69-77	**PA095**			+AF	1201.19/ .29,1202.40/ .50/ .55/ .67
1.2 D Break (29 kW) Eng.XLD	68-73	**PA154**				1201.30,1202.39/ .56/ .68
1.4 D, Break (33 kW) Eng.XL4D	73-77	**PA154**				1201.30,1202.39/ .56/ .68
205 I (741A/C/B) '2/83-'10/87						
0.95 (32-33-34 kW) Eng.108C(XV3/5/8)	83-87	**PA147**				1201.69,1202.58
1.1 (36 kW) Eng.109F(XW7)	83-87	**PA147**				1201.69,1202.58
1.1 (36 kW) Eng.109N(XW7)	86-87	**PA147**				1201.69,1202.58

PA147

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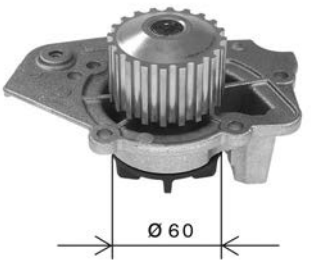

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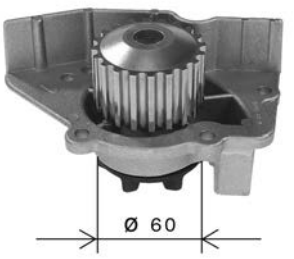

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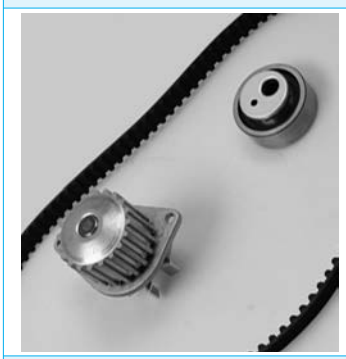
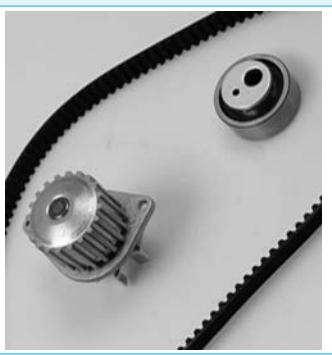
PA491

PA628

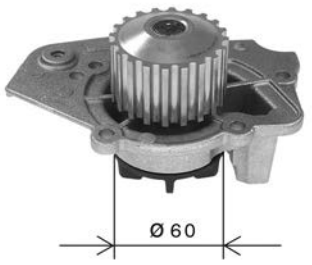


KP628-1

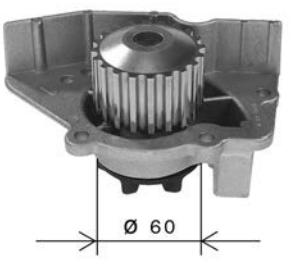


KP628-2

		GRAF ref.			NOTE	Adaptable for OES
1.3 (47 kW) Eng.G1A	84-87	**PA197**				1201.45
1.4 (44-53 kW) Eng.150(XY6B)	83-87	**PA147**				1201.69,1202.58
1.4, Cabrio (44-53-58 kW) Eng.150B/H(XY8)	83-88	**PA147**				1201.69,1202.58
1.4, Cabrio (44 kW) Eng.150D/G(XY7)	83-89	**PA147**				1201.69,1202.58
1.5 (63 kW) Eng.Y2-K	84-87	**PA197**				1201.45
1.6 (53 kW) Eng.B1E(XU51C)	3/87-10/87	**PA197**				1201.45
1.6 (55-66-76-85 kW) Eng.B1A/BAZ(XU51C/CP)	86-87	**PA197**				1201.45
1.6 (55 kW) Eng.B1A(XU51C)	86-87	**PA197**				1201.45
1.6 GTI, CTI Cabrio (76 kW) Eng.180A/Z(XU5J-J/JA/JP)	84-87	**PA256**		•		1201.39/ .63
1.8 D (44 kW) Eng.161A(XUD7)	83-87	**PA256**		•		1201.39/ .63
1.9 GTi, Cabrio (94-96 kW) Eng.D6B(XU9JA/Z)	86-87	**PA256**		•		1201.39/ .63
						205 II (20A/C) '1/87-'9/98
0.95 (33-37 kW) Eng.CDY/Z(TU9M)	87-93	**PA628**		•		1201.E3,1207.18/ .23
	10/87-9/98	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23
1.1 (36 kW) Eng.109N(XW7)	87-05/88	**PA147**				1201.69,1202.58
1.1 (40 kW) Eng.H1B(TU1)	87-90	**PA628**		•		1201.E3,1207.18/ .23
	10/87-10/90	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23
1.1, CJ Cabrio (44 kW) Eng.HDZ(TU1M/MZ)	89-94	**PA628**		•		1201.E3,1207.18/ .23
	10/89-12/94	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23
1.2 (47 kW) Eng.F1	87-90	**PA197**				1201.45
1.3 Rallye (74 kW) Eng.TU24	87-90	**PA628**		•		1201.E3,1207.18/ .23
	10/87-10/90	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23
1.4 (44-53-58 kW) Eng.150B/H(XY8)	88-89	**PA147**				1201.69,1202.58
1.4 (44-53 kW) Eng.150(XY6B)	87-05/88	**PA147**				1201.69,1202.58
1.4 (44 kW) Eng.150D/G(XY7)	87-89	**PA147**				1201.69,1202.58
	10/87-5/89	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23
1.4 (62 kW) Eng.K2B(TU3S)	87-89	**PA628**		•		1201.E3,1207.18/ .23
	6/87-12/89	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23
1.4, Cabrio (49 kW) Eng.K1D(TU3A/AN/S/M/2/2K)	87-94	**PA628**		•		1201.E3,1207.18/ .23
	10/87-12/94	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34/1207.18/ .23
1.4, Cabrio (55 kW) Eng.KFW/KFX(TU3JP)/KDX(TU3MC)	88-98	**PA628**		•	Only Aluminium BH Version	1201.E3,1207.18/ .23
	88-98	**PA491**		•	Only Iron BH Version	1201.58/ .E4/ .E6,1207.25
	7/88-9/98	**KP628-1**		•	Eng.TU3M, Type Eng.Alu, Belt:108x17, PA628, Eng -50355042	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23
1.4, Kat Cabrio (44 kW) Eng.KAY(TU3FCP)	89-93	**PA628**		•		1201.E3,1207.18/ .23
	1/89-9/93	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23
1.6 (53 kW) Eng.B1E(XU51C)	87-98	**PA348**		•		1201.50/ .61
1.6 (69 kW) Eng.J2	87-91	**PA197**				1201.45
1.6 Aut. (58 kW) Eng.B1A(XU51C-K)	87-98	**PA348**		•		1201.50/ .61
1.6 Cabrio, Aut (65-66 kW) Eng.BDY(XU5M2Z/3Z)	90-98	**PA256**		•		1201.39/ .63
1.6 GTI (76 kW) Eng.180A/Z(XU5J-J/JA/JP)	87-89	**PA256**		•		1201.39/ .63
1.6 GTI (85 kW) Eng.B6D(XU5J)	87-89	**PA256**		•		1201.39/ .63
1.6, Kat (55 kW) Eng.B1A/BAZ(XU51C/CP)	87-98	**PA348**		•		1201.50/ .61
1.8 D (44 kW) Eng.161A(XUD7)	87-89	**PA393**		•		1201.48/ .51/ .60/ .62
1.8 TD (57 kW) Eng.A8B(XUD7TE)	1/94-98	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
	91-93	**PA393**		•		1201.48/ .51/ .60/ .62
1.9 D (47 kW) Eng.DJZ(XUD9Y)	1/94-98	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
	87-93	**PA393**		•		1201.48/ .51/ .60/ .62
1.9 GTi (88 kW) Eng.DKZ(XU9JAZ)	1/92-94	**PA348**		•		1201.50/ .61
	87-1/92	**PA256**		•		1201.39/ .63
1.9 GTi (94-96 kW) Eng.D6B(XU9JA/Z)	1/92-98	**PA348**		•		1201.50/ .61
	87-1/92	**PA256**		•		1201.39/ .63



PA256



PA348

PA491

PA628

PA683

PA747

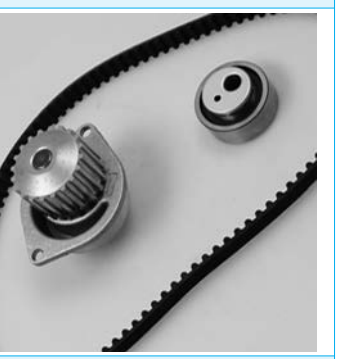
PA837

PA859

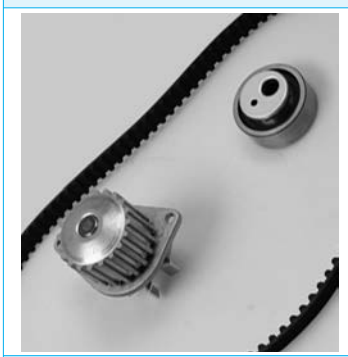
PA862

PA938

PA941

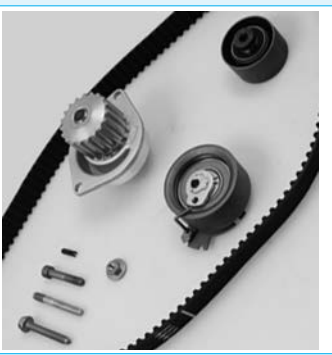


KP491-1



KP628-1

KP628-2



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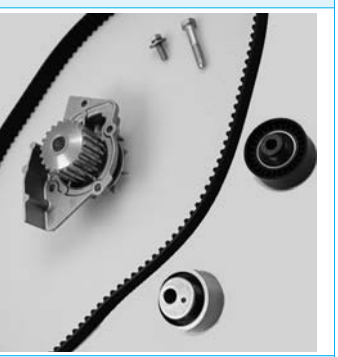
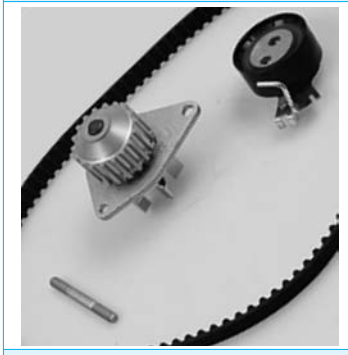
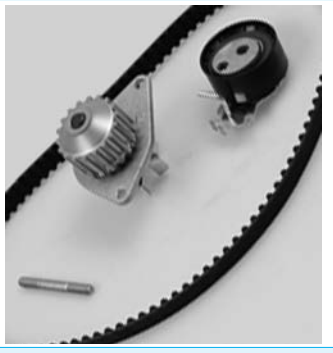


KP747-3

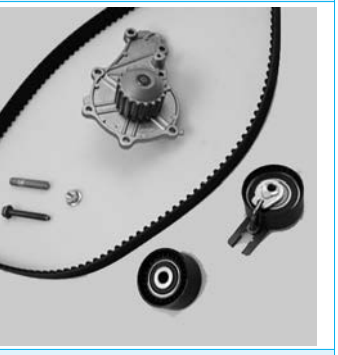


KP837-1



KP837-2

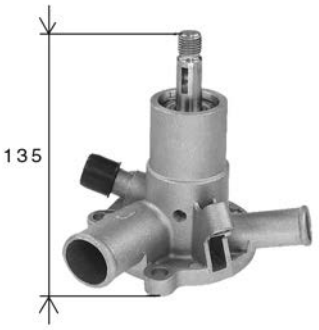
KP859-1



KP938-1

		GRAF ref.			NOTE	Adaptable for OES
1.9 GTI, CTI Cabrio, Kat (75 kW) Eng.DFZ(XU9J1)	1/92-94	**PA348**		•		1201.50/ .61
	87-1/92	**PA256**		•		1201.39/ .63
206 (2A/C), SW '9/98-'3/06						
1.0 (45-48 kW)	9/02-2/07	**KP837-2**		•	Belt:100x17, PA837, Eng 3762434-	0831.84/ .85/ .S1,1201.G0/ 1609417080
	9/02-2/07	**KP628-2**		•	Belt:104x17, PA628, Eng -3762433	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23
1.1 (40-44 kW) Eng.HDZ(TU1M)/HFX/HFZ(TU1JP)	98-	**PA837**		•	18 pulley teeth	1201.G0,1609417080
	98-	**PA628**		•	20 pulley teeth	1201.E3,1207.18/ .23
	9/98-3/06	**KP837-2**		•	Belt:100x17, PA837, Eng 3762434-	0831.84/ .85/ .S1,1201.G0/ 1609417080
	9/98-3/06	**KP628-2**		•	Belt:104x17, PA628, Eng -3762433	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23
1.4 (55 kW) Eng.KFW/KFX(TU3JP)	98-	**PA837**		•	18 pulley teeth	1201.G0,1609417080
	98-	**PA628**		•	20 pulley teeth	1201.E3,1207.18/ .23
	02-	**KP837-2**		•	18 pulley teeth, Belt:100x17, PA837, Eng 3762434-	0831.84/ .85/ .S1,1201.G0/ 1609417080
	9/98-3/06	**KP628-1**		•	20 pulley teeth, Belt:108x17, PA628, Eng -3762433	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23
	98-02	**KP837-1**		•	18 pulley teeth, Belt:104x17, PA837, Eng 3762434-	0831.86/ .87,1201.G0/ 1609417080
1.4 16v (65 kW) Eng.KFU(ET3J4)	03-	**PA941**		•		1201.G2,1609417180
1.4 HDi (50-51 kW) Eng.8HX/8HZ(DV4TD)	01-	**PA859**		•		1201.F9/ .G8,1609417380
	9/01-3/06	**KP859-1**		•	Belt:144x25, PA859	0831.80/ .81,1201.F9/ .G8/ 1609417380
1.6 (Exc. SW) (65 kW) Eng.NFZ(TU5JP)	98-12/00	**PA491**		•		1201.58/ .E4/ .E6,1207.25
	9/98-12/00	**KP491-1**		•	Belt:101x17, PA491	0831.24/ .Q5,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.6 16v, Cabrio (80-87 kW) Eng.NFU(TU5JP4)	00-	**PA683**		•		1201.A2/ .E5,1609417280
	12/00-3/06	**KP683-1**		•	Belt:134x25, PA683, Eng -1806404	0831.L6/ .L7/ .V1,1201.A2/ .E5/ .H4
1.6 HDi 16v FAP (80 kW) Eng.9HY/9HZ(DV6TED4)	04-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	5/04-3/06	**KP938-1**		•	Belt:137x25,4, PA938	0831.P1,1201.G1/ .G9/ .K8/ 1609417680
1.9 D (Exc. SW) (51 kW) Eng.WJZ/WJY(DW8/B)	98-01	**PA747**		•		1201.C4,1609402380
	9/98-11/01	**KP747-3**		•	Belt:140x25,4, PA747	0831.58/ .59/.N2/ .N3/ .R7 1201.C4/ 1609402380
2.0 16v (Exc. SW) (99 kW) Eng.RFR(DEW10J4)	99-00	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480

PA095



PA154

PA683

PA747

PA837

PA859

PA862

PA863

PA938

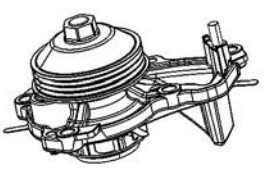
PA941

PA994

PA1044

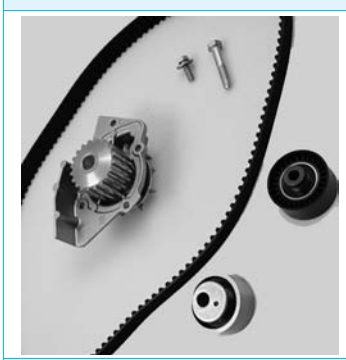
PA1045

PA1110

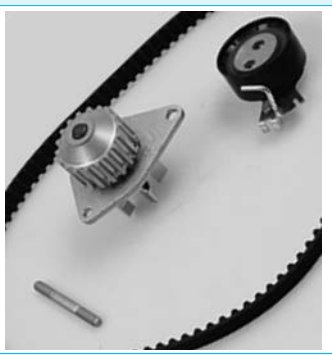


PA1239

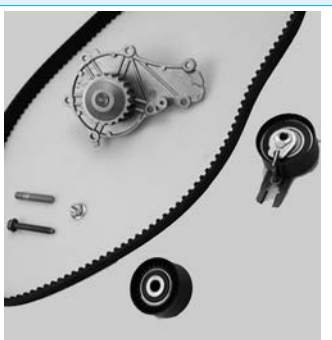
KP747-1



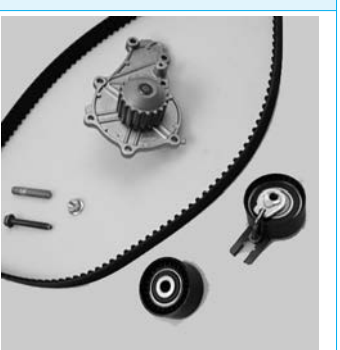
KP747-2



KP837-1

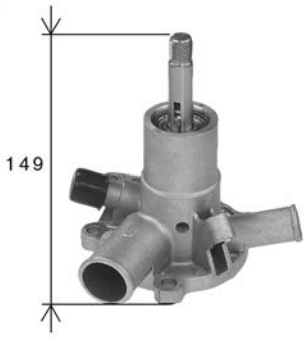


KP859-1

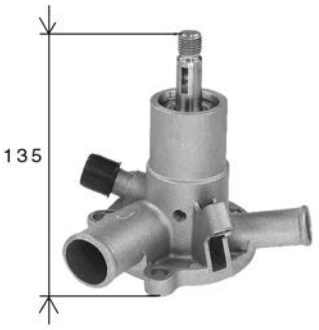


KP938-1

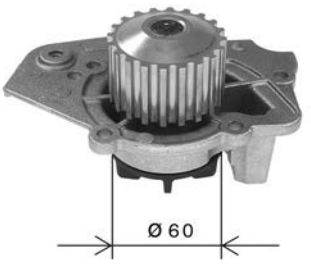
		GRAF ref.			NOTE	Adaptable for OES
2.0 16v (Exc. SW) (99 kW) Eng.RFR(DEW10J4)	99-00	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	99-00	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 16v, Cabrio (100 kW) Eng.RFN(EW10J4)	00-06	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	00-06	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
	9/00-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
2.0 HDi (66 kW) Eng.RHY(DW10TD)	99-	**PA747**		•		1201.C4,1609402380
	12/99-3/06	**KP747-2**		•	Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N4,1201.C4/ 1609402380
	12/99-3/06	**KP747-1**		•	Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8/ .V3 1201.C4/ 1609402380,LCV
2.0 RC (Exc. SW) (130 kW) Eng.RFK(EW10J4S)	03-	**PA863**	•	•	Only plastic BH Version	1201.E7/ .F5/ .G5/ .J2
	03-06	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	03-06	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
206 Plus (T3E) '1/09-						
1.1 (44 kW) Eng.HFX(TU1A/TU1JP)	09-	**PA837**		•		1201.G0,1609417080
1.4 HDi (50 kW) Eng.8HX/8HZ(DV4TD)	09-	**PA859**		•		1201.F9/ .G8,1609417380
1.4i (55 kW) Eng.KFV/KFW(TU3A)	09-	**PA837**		•		1201.G0,1609417080
207, SW (WA, WC, WD, WK) '4/06-						
1.4 (53 kW) Eng.KFV(TU3JP)	4/06-	**PA837**		•		1201.G0,1609417080
	4/06-	**KP837-1**		•	Belt:104x17, PA837	0831.86/ .87,1201.G0/ 1609417080
1.4 16v (65 kW) Eng.KFU(ET3J4)	4/06-	**PA941**		•		1201.G2,1609417180
1.4 16v (70 kW) Eng.8FS(EP3C)	07-	**PA994**				1201.H8,9801573380
1.4 8v (54-60 kW) Eng.TU3AM	10-	**PA837**		•		1201.G0,1609417080
1.4 HDi (50 kW) Eng.8HR/8HZ(DV4TD)	4/06-	**PA859**		•		1201.F9/ .G8,1609417380
	4/06-	**KP859-1**		•	Belt:144x25, PA859	0831.80/ .81,1201.F9/ .G8/ 1609417380
1.6 16v (128 kW) Eng.5FY(EP6DTS)	07-	**PA994**				1201.H8,9801573380
1.6 16v (80 kW) Eng.NFU(TU5JP4)	4/06-	**PA683**		•		1201.A2/ .E5,1609417280
1.6 16v, Coupe (110 kW) Eng.5FX(EP6DT)	06-	**PA994**				1201.H8,9801573380
1.6 16v, Coupe (88 kW) Eng.EP6	06-	**PA994**				1201.H8,9801573380
1.6 16v, Coupe, Cabrio (115 kW) Eng.EP6CDT	10-	**PA994**				1201.H8,9801573380
1.6 HDi 16v (66 kW) Eng.9HX(DV6ATED4)	4/06-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	4/06-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P1,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi 16v FAP, Coupe, Cabrio (80 kW) Eng.9HY/9HZ(DV6TED4)	4/06-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	4/06-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P1,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi 8v (68 kW) Eng.9HP(DV6DTED)	10-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi Coupe, Cabrio (82 kW) Eng.9HZ(DV6C)	10-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
208 '3/12-						
1.0 (50 kW) Eng.EB0	12-	**PA1239**				9803442480
1.2 VTi 12v (60 kW) Eng.EB2	12-	**PA1239**				9803442480
1.4 8v HDi (50 kW) Eng.DV4C	12-	**PA859**		•		1201.F9/ .G8,1609417380
1.4 VTi (70 kW) Eng.EP3C	12-	**PA994**				1201.H8,9801573380
1.6 e-HDi (68 kW) Eng.9HP(DV6DTED)	12-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 e-HDi (84 kW) Eng.DV6C	12-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 THP (115 kW) Eng.EP6CDT	12-	**PA994**				1201.H8,9801573380
1.6 VTi (88 kW) Eng.EP6C	12-	**PA994**				1201.H8,9801573380
3008 '7/09-						
1.6 16v THP (110 kW) Eng.5FX(EP6DT)	09-	**PA994**				1201.H8,9801573380
1.6 16v Vti (88 kW) Eng.EP6	09-	**PA994**				1201.H8,9801573380
1.6 8v HDi (84 kW) Eng.9HD(DV6CTED)	12-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi (80-82 kW) Eng.DV6C/DV6TED4	09-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 THP (115 kW) Eng.5FV(EP6CDT)	09-	**PA994**				1201.H8,9801573380
2.0 HDi (110 kW) Eng.DW10CTED4	09-	**PA1110**		•		1201.K2
2.0 HDi (120 kW) Eng.DW10CTED4	09-	**PA1110**		•		1201.K2
304 '10/69-'10/80						
1.1 Break (40-43 kW) Eng.XK5	76-80	**PA154**				1201.30,1202.39/ .56/ .68
	76-80	**PA095**			+AF	1201.19/ .29,1202.40/ .50/ .55/ .67



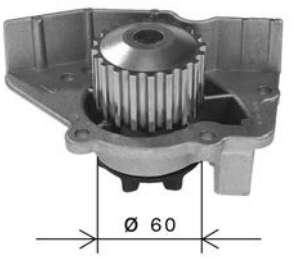
PA095



PA154



PA256



PA348

PA391

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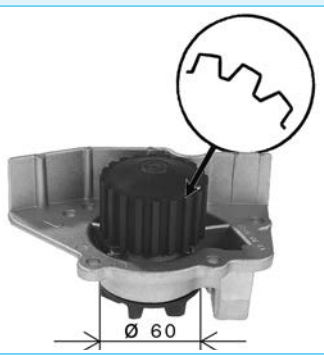


PA642

PA747

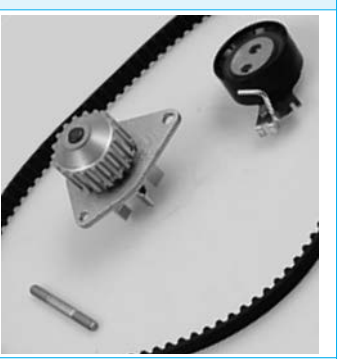
PA911

KP491-1

KP628-1

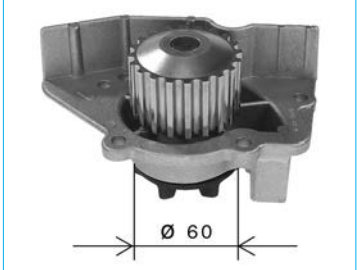
KP628-2

KP747-3



KP837-1

		GRAF ref.			NOTE	Adaptable for OES
1.3 Break, GT, Coupe, Cabrio (48-55 kW) Eng.XL3/XL3S	69-75	**PA154**				1201.30,1202.39/ .56/ .68
	69-75	**PA095**			+AF	1201.19/ .29,1202.40/ .50/ .55/ .67
1.3, Break (44-48-51 kW) Eng.118(XL5/S)	72-79	**PA154**				1201.30,1202.39/ .56/ .68
	72-79	**PA095**			+AF	1201.19/ .29,1202.40/ .50/ .55/ .67
1.3, Coupe, Cabrio (44-51-55 kW) Eng.118(XL5/S)	72-76	**PA154**				1201.30,1202.39/ .56/ .68
	72-76	**PA095**			+AF	1201.19/ .29,1202.40/ .50/ .55/ .67
1.4 D, Break (33 kW) Eng.XL4D	76-79	**PA154**				1201.30,1202.39/ .56/ .68
1.5 D, Break (32-36 kW) Eng.149(XID)	76-80	**PA154**				1201.30,1202.39/ .56/ .68
	76-80	**PA095**			+AF	1201.19/ .29,1202.40/ .50/ .55/ .67
305 I (581A) '11/77-'9/82						
1.3, Break (40-44-48-51 kW) Eng.118(XL5/S/XK5)	77-82	**PA154**				1201.30,1202.39/ .56/ .68
	77-82	**PA095**			+AF	1201.19/ .29,1202.40/ .50/ .55/ .67
1.5 (65 kW) Eng.117(XR5A/S)	80-82	**PA154**				1201.30,1202.39/ .56/ .68
	80-82	**PA095**			+AF	1201.19/ .29,1202.40/ .50/ .55/ .67
1.5 D, Break (32-36 kW) Eng.149(XID)	77-82	**PA154**				1201.30,1202.39/ .56/ .68
	77-82	**PA095**			+AF	1201.19/ .29,1202.40/ .50/ .55/ .67
1.5, Break (54 kW) Eng.142(XR5A/S)	79-82	**PA154**				1201.30,1202.39/ .56/ .68
	79-82	**PA095**			+AF	1201.19/ .29,1202.40/ .50/ .55/ .67
305 II (581M/E), Break '10/82-'7/90						
1.3 (44-51 kW) Eng.118(XL5/S)	82-85	**PA154**				1201.30,1202.39/ .56/ .68
	82-85	**PA095**			+AF	1201.19/ .29,1202.40/ .50/ .55/ .67
1.5 (50-54 kW) Eng.142(XR5/A/S)	82-90	**PA154**				1201.30,1202.39/ .56/ .68
	82-90	**PA095**			+AF	1201.19/ .29,1202.40/ .50/ .55/ .67
1.6 (54 kW) Eng.BAZ(XU5CP)	86-88	**PA256**		•		1201.39/ .63
1.6 (55 kW) Eng.B1A(XU51C)	82-88	**PA256**		•		1201.39/ .63
1.6 (66 kW) Eng.171(XU5S)	82-87	**PA256**		•		1201.39/ .63
1.6 (Exc. Break) (69 kW) Eng.171B(XU5S)	82-88	**PA256**		•		1201.39/ .63
1.8 D (44 kW) Eng.161A(XUD7)	10/86-88	**PA393**		•		1201.48/ .51/ .60/ .62
	82-9/86	**PA256**		•		1201.39/ .63
1.9 (72 kW) Eng.DFZ(XU9J1)	86-88	**PA256**		•		1201.39/ .63
1.9 (75 kW) Eng.159(XU9C/2S)	82-85	**PA256**		•		1201.39/ .63
1.9 D (47 kW) Eng.162/D9A(XUD9)/DJZ(XUD9Y)	10/86-88	**PA393**		•		1201.48/ .51/ .60/ .62
	82-9/86	**PA256**		•		1201.39/ .63
306 (7B, N3) '5/93-'10/00						
1.1 (44 kW) Eng.HDZ(TU1M/MZ)	93-	**PA628**		•		1201.E3,1207.18/ .23
	5/93-10/00	**KP628-2**		•	Belt:104x17, PA628, Eng -3762434	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23
1.4 SL (55 kW) Eng.KFW/KFX(TU3JP)/KDX(TU3MC)	93-	**PA628**		•		1201.E3,1207.18/ .23
	5/93-10/00	**KP837-1**		•	Belt:104x17, PA837, Eng 3666766-	0831.86/ .87,1201.G0/ 1609417080
	5/93-10/00	**KP628-1**		•	Belt:108x17, PA628, Eng -3666765	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34/1207.18/ .23
1.6 (72 kW) Eng.NFT	00-	**PA491**		•		1201.58/ .E4/ .E6,1207.25
	10/00-10/00	**KP491-1**		•	Belt:101x17, PA491	0831.24/ .Q5,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.6 SR (65-66 kW) Eng.NFZ(TU5JP)	93-00	**PA491**		•		1201.58/ .E4/ .E6,1207.25
	5/93-10/00	**KP491-1**		•	Belt:101x17, PA491	0831.24/ .Q5,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.8 (74 kW) Eng.LFZ(XU7JP)	93-	**PA348**		•		1201.50/ .61
1.8 16v (81 kW) Eng.LFY(XU7JP4)	97-	**PA642**		•		1201.98
1.8 D (43 kW) Eng.A9A(XUD7)	93-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
1.8i (69 kW) Eng.L6A(XU7P/K)	93-	**PA348**		•		1201.50/ .61
1.9 D (51 kW) Eng.WJZ/WJY(DW8/B)	98-	**PA747**		•		1201.C4,1609402380
	9/98-10/00	**KP747-3**		•	Belt:140x25,4, PA747	0831.58/ .59/.N2/ .N3/ .R7 1201.C4/ 1609402380
1.9 D (55 kW) Eng.DHV(XUD9BSD)	98-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
1.9 D, SLD (47 kW) Eng.DJZ(XUD9Y)	1/95-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
	-12/94	**PA393**		•		1201.48/ .51/ .60/ .62
1.9 SLD (50-51 kW) Eng.DJY(XUD9A)	-12/94	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
	95-	**PA393**		•		1201.48/ .51/ .60/ .62
1.9 TD (66-68 kW) Eng.DHY(XUD9TE)	2/94-	**PA911**		•		1201.A8



PA348

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PA393

PA491

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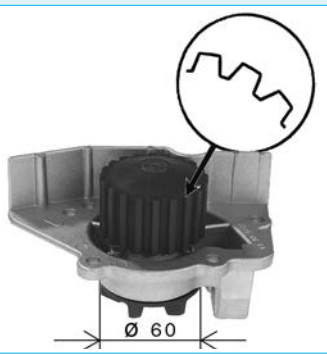
PA641



PA642

PA683

PA747

PA837

PA859

PA911

PA941

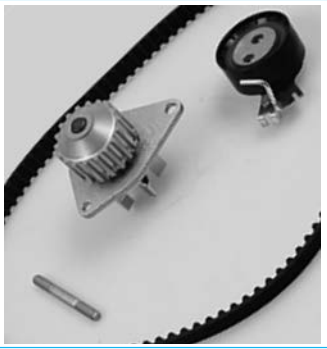
KP491-1

KP628-1

KP747-1

KP747-2

KP747-3



KP837-1

KP859-1

		GRAF ref.			NOTE	Adaptable for OES
1.9 TD (66-68 kW) Eng.DHY(XUD9TE)	93-1/94	**PA393**		•		1201.48/ .51/ .60/ .62
2.0 (99 kW) Eng.XU10J4R	97-	**PA641**		•		1201.93/ .A1
2.0 16v (110 kW) Eng.RFT(XU10J4)	94-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.0 16v (97 kW) Eng.RFV(XU10J4R)	97-	**PA641**		•		1201.93/ .A1
2.0 HDi (66 kW) Eng.RHY(DW10TD)	99-	**PA747**		•		1201.C4,1609402380
	6/99-10/00	**KP747-2**		•	Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N4,1201.C4/ 1609402380
	6/99-10/00	**KP747-1**		•	Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8/ .V3 1201.C4/ 1609402380,LCV
2.0 S16 (112 kW) Eng.RFY(XU10J4Z)	93-	**PA641**		•		1201.93/ .A1
2.0 S16 GTi (120 kW) Eng.RFS(XU10J4RS)	96-	**PA641**		•		1201.93/ .A1
2.0, XSi (89 kW) Eng.RFX(XU10J2/2C)	93-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
306 (7D, N3,5) Cabrio '3/94-'4/02						
1.6 (65 kW) Eng.NFZ(TU5JP)	96-00	**PA491**		•		1201.58/ .E4/ .E6,1207.25
	4/96-10/00	**KP491-1**		•	Belt:101x17, PA491	0831.24/ .Q5,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.6 (72 kW) Eng.NFT	00-02	**PA491**		•		1201.58/ .E4/ .E6,1207.25
	10/00-4/02	**KP491-1**		•	Belt:101x17, PA491	0831.24/ .Q5,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.8 (74 kW) Eng.LFZ(XU7JP)	3/94-02	**PA348**		•		1201.50/ .61
1.8 16v (81 kW) Eng.LFY(XU7JP4)	00-02	**PA642**		•		1201.98
2.0 (89 kW) Eng.RFX(XU10J2)	94-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.0 16v (97 kW) Eng.RFV(XU10J4R)	97-02	**PA641**		•		1201.93/ .A1
306 (7E) Break '5/93-'10/00						
1.4 SL (55 kW) Eng.KFW/KFX(TU3JP)/KDX(TU3MC)	93-	**PA628**		•		1201.E3,1207.18/ .23
	5/93-10/00	**KP837-1**		•	Belt:104x17, PA837, Eng 3666766-	0831.86/ .87,1201.G0/ 1609417080
	5/93-10/00	**KP628-1**		•	Belt:108x17, PA628, Eng -3666765	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23
1.6 (72 kW) Eng.NFT	00-	**PA491**		•		1201.58/ .E4/ .E6,1207.25
	10/00-10/00	**KP491-1**		•	Belt:101x17, PA491	0831.24/ .Q5,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.6 SR (65 kW) Eng.NFZ(TU5JP)	93-00	**PA491**		•		1201.58/ .E4/ .E6,1207.25
	5/93-10/00	**KP491-1**		•	Belt:101x17, PA491	0831.24/ .Q5,1201.00/ .58/ .97/ .E4/ .E6 1207.25,9608564280
1.8 (74 kW) Eng.LFZ(XU7JP)	93-	**PA348**		•		1201.50/ .61
1.8 16v (81 kW) Eng.LFY(XU7JP4)	97-	**PA642**		•		1201.98
1.8 D (43 kW) Eng.A9A(XUD7)	93-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
1.8i (69 kW) Eng.L6A(XU7P/K)	93-00	**PA348**		•		1201.50/ .61
1.9 D (51 kW) Eng.WJZ/WJY(DW8/B)	98-	**PA747**		•		1201.C4,1609402380
	9/98-10/00	**KP747-3**		•	Belt:140x25,4, PA747	0831.58/ .59/.N2/ .N3/ .R7 1201.C4/ 1609402380
1.9 D (55 kW) Eng.DHV(XUD9BSD)	98-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
1.9 SLD (50 kW) Eng.DJY(XUD9A)	-12/94	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
	95-	**PA393**		•		1201.48/ .51/ .60/ .62
1.9 TD (66-68 kW) Eng.DHY(XUD9TE)	2/94-	**PA911**		•		1201.A8
	93-1/94	**PA393**		•		1201.48/ .51/ .60/ .62
2.0 16v (97 kW) Eng.RFV(XU10J4R)	97-	**PA641**		•		1201.93/ .A1
2.0 HDi (66 kW) Eng.RHY(DW10TD)	99-	**PA747**		•		1201.C4,1609402380
	6/99-10/00	**KP747-2**		•	Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N4,1201.C4/ 1609402380
	6/99-10/00	**KP747-1**		•	Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8/ .V3 1201.C4/ 1609402380,LCV
307 I (3A/C/E), SW '8/00-'6/05						
1.4 (55 kW) Eng.KFW(TU3JP)	00-	**PA628**		•	Eng -3666765	1201.E3,1207.18/ .23
	00-	**PA837**		•	Eng 3666766-	1201.G0,1609417080
	8/00-6/05	**KP837-1**		•	Belt:104x17, PA837, Eng 3666766-	0831.86/ .87,1201.G0/ 1609417080
	8/00-6/05	**KP628-1**		•	Belt:108x17, PA628, Eng -3666765	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23
1.4 16v (65 kW) Eng.KFU(ET3J4)	00-	**PA941**		•		1201.G2,1609417180
1.4 HDi (50 kW) Eng.8HZ(DV4TD)	01-	**PA859**		•		1201.F9/ .G8,1609417380
	10/01-6/05	**KP859-1**		•	Belt:144x25, PA859	0831.80/ .81,1201.F9/ .G8/ 1609417380
1.6 16v, Cabrio (80-87 kW) Eng.NFU(TU5JP4)	00-	**PA683**		•		1201.A2/ .E5,1609417280

PA683

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PA938

PA941

PA994

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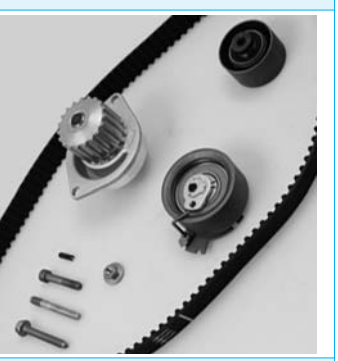
PA1045

PA1110

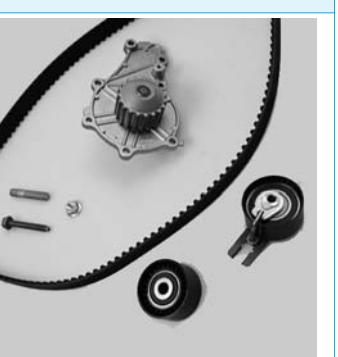


KP683-1

KP747-1

KP747-2

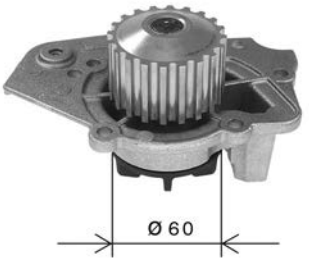
KP861-2



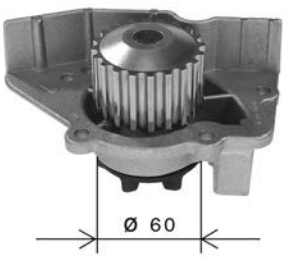
KP938-1

		GRAF ref.			NOTE	Adaptable for OES
1.6 16v, Cabrio (80-87 kW) Eng.NFU(TU5JP4)	8/00-6/05	**KP683-1**		•	Belt:134x25, PA683, Eng -1806404	0831.L6/ .L7/ .V1,1201.A2/ .E5/ .H4
1.6 HDi 16v FAP (80 kW) Eng.7HZ(DV6TED4)	04-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	2/04-6/05	**KP938-1**		•	Belt:137x25,4, PA938	0831.P1,1201.G1/ .G9/ .K8/ 1609417680
2.0 16v (100 kW) Eng.RFN(EW10J4)	00-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	00-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	00-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 16v (103 kW) Eng.RFJ(EW10A)	05-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	05-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	05-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi (66 kW) Eng.RHY(DW10TD)	00-	**PA747**		•		1201.C4,1609402380
	00-02	**KP747-1**		•	Belt:141x25,4 , PA747	0831.40/ .41/ .62/ .82/ .83/ .R8/ .V3 1201.C4/ 1609402380,LCV
	02-	**KP747-2**		•	Belt:141x25, PA747	0831.78/ .79/ .N4,1201.C4/ 1609402380
2.0 HDi 16v, Cabrio (100 kW) Eng.RHR(DW10BTED4)	03-	**PA861**		•		1201.E8,1609402180
	03-	**KP861-2**		•	Belt:116x25, PA861	0831.K0,1201.E8/ 1609402180
2.0 HDi FAP (79 kW) Eng.RHS(DW10ATED4)	00-	**PA747**		•		1201.C4,1609402380
	8/00-6/05	**KP747-2**		•	Belt:141x25, PA747	0831.78/ .79/ .N4,1201.C4/ 1609402380
2.0, Cabrio (130 kW) Eng.RFK(EW10J4S)	03-05	**PA863**	•	•	Only plastic BH Version	1201.E7/ .F5/ .G5/ .J2
	03-05	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	03-05	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
307 II, SW '7/05-'12/08						
1.4 16v (65 kW) Eng.KFU(ET3J4)	05-	**PA941**		•		1201.G2,1609417180
1.6 16v, Cabrio (80-87 kW) Eng.NFU(TU5JP4)	05-	**PA683**		•		1201.A2/ .E5,1609417280
	7/05-9/07	**KP683-1**		•	Belt:134x25, PA683, Eng -1806404	0831.L6/ .L7/ .V1,1201.A2/ .E5/ .H4
1.6 HDi 16v (66 kW) Eng.DV6ATED4	05-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	7/05-9/07	**KP938-1**		•	Belt:137x25,4, PA938	0831.P1,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi 16v FAP (80 kW) Eng.9HZ(DV6TED4)	05-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	7/05-9/07	**KP938-1**		•	Belt:137x25,4, PA938	0831.P1,1201.G1/ .G9/ .K8/ 1609417680
2.0 16v (103 kW) Eng.RFJ(EW10A)	05-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	05-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	05-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 16v, Cabrio (130 kW) Eng.RFK(EW10J4S)	05-	**PA863**	•	•	Only plastic BH Version	1201.E7/ .F5/ .G5/ .J2
	05-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	05-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi 16v, Cabrio (100 kW) Eng.RHR(DW10BTED4)	05-	**PA861**		•		1201.E8,1609402180
	05-	**KP861-2**		•	Belt:116x25, PA861	0831.K0,1201.E8/ 1609402180
308 I Coupe, Cabrio '6/09-						
1.6 (120 kW) Eng.5FV(EP6DT)	12-	**PA994**				1201.H8,9801573380
1.6 16v (103-110-115 kW) Eng.5FT/5FX/5FV(EP6DT)	09-	**PA994**				1201.H8,9801573380
1.6 16v (88 kW) Eng.5FW(EP6)	09-	**PA994**				1201.H8,9801573380
1.6 8v HDi (82 kW) Eng.9HR(DV6C)	11-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi (80 kW) Eng.9HZ(DV6TED4)	09-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 THP (147 kW) Eng.EP6CDTX	10-	**PA994**				1201.H8,9801573380
2.0 HDi (100-103 kW) Eng.RHR(DW10BTED4)	09-	**PA861**		•		1201.E8,1609402180
2.0 HDi (120 kW) Eng.RHE(DW10CTED4)	09-	**PA1110**		•		1201.K2
308 I, SW '10/07-						
1.4 16v (70 kW) Eng.5FD(EP3)	07/08-	**PA994**				1201.H8,9801573380
1.4 16v Vti (72 kW) Eng.8FR(EP3C)	10-	**PA994**				1201.H8,9801573380
1.6 16v (103-110 kW) Eng.5FT/5FX(EP6DT)	07-	**PA994**				1201.H8,9801573380
1.6 16v (128 kW) Eng.5FY(EP6DTS)	07-	**PA994**				1201.H8,9801573380
1.6 16v (88 kW) Eng.5FW(EP6)	07/08-	**PA994**				1201.H8,9801573380
1.6 16v THP (115 kW) Eng.5FV(EP6CDT)	10-	**PA994**				1201.H8,9801573380
1.6 BioFlex (80 kW) Eng.NFU(TU5JP4)	08-	**PA994**				1201.H8,9801573380
1.6 Bioflex (82 kW) Eng.NFU(TU5JP4)	09-	**PA994**				1201.H8,9801573380
1.6 GTi (147 kW) Eng.EP6CDTX	10-	**PA994**				1201.H8,9801573380
1.6 HDi (68 kW) Eng.9HP(DV6DTED)	09-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi 16v (66 kW) Eng.9HV(DV6ATED4)	07/08-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi 16v FAP (80 kW) Eng.9HZ(DV6TED4)	07/08-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	10/07-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P1,1201.G1/ .G9/ .K8/ 1609417680

PA197



PA256



PA348

PA393

n° 20 Denti/Teeth

PA491

PA628

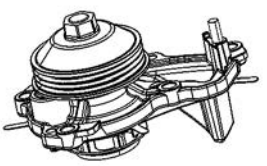
PA861

n° 19 Denti/Teeth

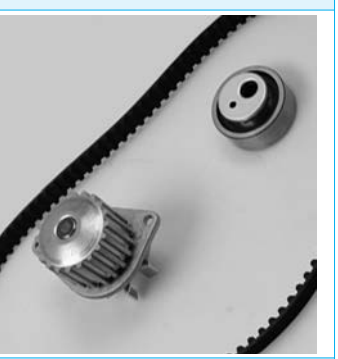
PA938

PA994

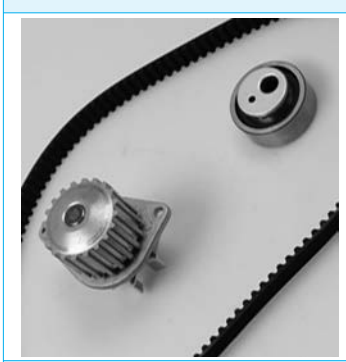
PA1110



PA1239



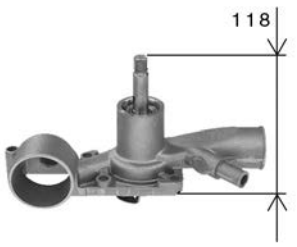
KP628-1



KP628-2

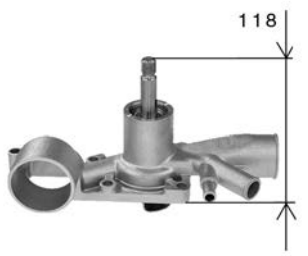
		GRAF ref.			NOTE	Adaptable for OES
1.6 HDi 8v (82 kW) Eng.9HR(DV6C)	10-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
2.0 HDi (103 kW) Eng.RHR(DW10BTED4)	10-	**PA861**		•		1201.E8,1609402180
2.0 HDi (110 kW) Eng.DW10CTED4	11-	**PA1110**		•		1201.K2
2.0 HDi (120 kW) Eng.RHE(DW10CTED4)	09-	**PA1110**		•		1201.K2
2.0 HDi 16v (100 kW) Eng.RHR(DW10BTED4)	07/08-	**PA861**		•		1201.E8,1609402180
308 II, SW '9/13-						
1.2 VTi (60 kW) Eng.EB2	13-	**PA1239**				9803442480
1.6 e-HDi (85 kW) Eng.DV6FC	13-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi (68 kW) Eng.DV6DTED	13-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 THP (115 kW)	13-	**PA994**				1201.H8,9801573380
1.6 THP (92 kW)	13-	**PA994**				1201.H8,9801573380
309 I (10C, 10A) '10/85-'12/89						
1.1 (40 kW) Eng.E1/A	85-89	**PA197**				1201.45
	10/85-7/89	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23
1.3 (47 kW) Eng.G1A	85-89	**PA197**				1201.45
1.4 (47-49-55 kW) Eng.K1D(TU3A/AN/S/M/2/2K/MC)	3/89-7/89	**PA628**		•		1201.E3,1207.18/ .23
	3/89-7/89	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34/1207.18/ .23
1.4 (47-55-62 kW) Eng.K2B(TU3A/AN/S/M/2/2K/MC)	3/89-7/89	**PA491**		•		1201.58/ .E4/ .E6,1207.25
	3/89-7/89	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34/1207.18/ .23
1.4 (47-55 kW) Eng.KDY/KDZ(TU3A/AN/S/M/2/2K/MC/F2)	3/89-7/89	**PA628**		•		1201.E3,1207.18/ .23
	3/89-7/89	**KP628-1**		•	Type Eng.Alu, Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34/1207.18/ .23
1.5 (63 kW) Eng.Y2-K	87-89	**PA197**				1201.45
1.6 (53 kW) Eng.B1E(XU51C)	87-89	**PA256**		•		1201.39/ .63
1.6 (58 kW) Eng.B1A(XU51C-K)	85-89	**PA256**		•		1201.39/ .63
1.6 (69 kW) Eng.J2	86-89	**PA197**				1201.45
1.6 (76 kW) Eng.B6B/180Z(XU5J)	85-88	**PA256**		•		1201.39/ .63
1.6, Kat (55 kW) Eng.B1A/BAZ(XU51C/CP)	85-89	**PA256**		•		1201.39/ .63
1.9 (72 kW) Eng.DFZ(XU9J1)	86-89	**PA256**		•		1201.39/ .63
1.9 (75 kW) Eng.D2B(XU9S)	85-89	**PA256**		•		1201.39/ .63
1.9 (80 kW) Eng.DDZ(XU9M)	88-89	**PA256**		•		1201.39/ .63
1.9 D (47 kW) Eng.162/D9A(XUD9)/DJZ(XUD9Y)	11/86-89	**PA393**		•		1201.48/ .51/ .60/ .62
	6/86-10/86	**PA256**		•		1201.39/ .63
1.9 GTI (77-88-96 kW) Eng.DKZ(XU9JA/Z/2C/S)	88-89	**PA348**		•		1201.50/ .61
1.9 GTi (88-94-96 kW) Eng.D6B(XU9JA/Z/2C/S)	86-89	**PA348**		•		1201.50/ .61
309 II (3A/C) '7/89-'12/93						
1.1 (44 kW) Eng.HDZ(TU1M/MZ)	90-93	**PA628**		•		1201.E3,1207.18/ .23
	8/90-12/93	**KP628-2**		•	Belt:104x17, PA628	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23
1.4 (47-49-55 kW) Eng.K1D(TU3A/AN/S/M/2/2K/MC)	90-93	**PA628**		•		1201.E3,1207.18/ .23
	7/90-12/93	**KP628-1**		•	Belt:108x17, PA628	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23
1.4 (47-55 kW) Eng.KDY/KDZ(TU3A/AN/S/M/2/2K/MC/F2)	2/92-93	**PA491**		•		1201.58/ .E4/ .E6,1207.25
	9/89-1/92	**PA628**		•		1201.E3,1207.18/ .23
	7/89-12/93	**KP628-1**		•	Type Eng.Alu, Belt:108x17, PA628, Eng -50355042	0831.03/ .14/ .Q4/ .R2 1201.00/ 18/ .47/ .E3,1204.34 1207.18/ .23
1.6 (65 kW) Eng.BDY(XU5M2Z/3Z)/BDZ(XU5M)	2/92-93	**PA348**		•		1201.50/ .61
	86-1/92	**PA256**		•		1201.39/ .63
1.6 (68-69 kW) Eng.B2A(XU52C-K)	2/92-93	**PA348**		•		1201.50/ .61
	86-1/92	**PA256**		•		1201.39/ .63
1.8 D (44 kW) Eng.161A(XUD7)	89-93	**PA393**		•		1201.48/ .51/ .60/ .62
1.8 TD (57-66 kW) Eng.A8B(XUD7TE)	89-93	**PA393**		•		1201.48/ .51/ .60/ .62
1.9 (72 kW) Eng.DFZ(XU9J1)	2/92-93	**PA348**		•		1201.50/ .61
	89-1/92	**PA256**		•		1201.39/ .63
1.9 (80 kW) Eng.DDZ(XU9M)	2/92-93	**PA348**		•		1201.50/ .61

PA073

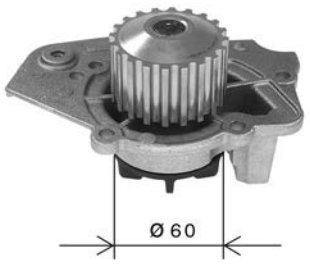


PA074

PA096



PA190



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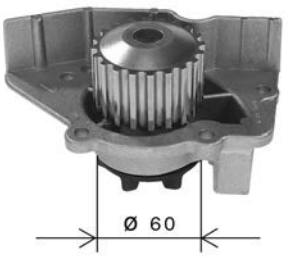


PA348

PA391

PA393

PA491

PA628

PA938

PA986

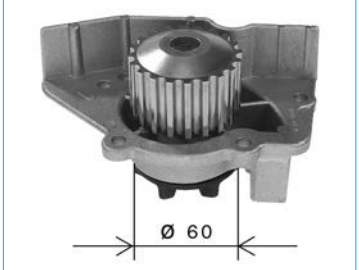
PA1049

PA1082

PA1135

PA1171

		GRAF ref.			NOTE	Adaptable for OES
1.9 (80 kW) Eng.DDZ(XU9M)	90-1/92	**PA256**		•		1201.39/ .63
1.9 D (47 kW) Eng.162/D9A(XUD9)/DJZ(XUD9Y)	89-93	**PA393**		•		1201.48/ .51/ .60/ .62
1.9 GTI (88 kW) Eng.DKZ(XU9JA/Z)	89-93	**PA348**		•		1201.50/ .61
1.9 Sport MI-16 (108 kW) Eng.DFW(XU9J4Z)	90-93	**PA348**		•		1201.50/ .61
1.9 Sport MI-16 (116-118 kW) Eng.D6C(XU9J4)	89-90	**PA348**		•		1201.50/ .61
4007 (GP) '8/07-						
2.0, 4WD (108 kW) Eng.4B11	10-	**PA1135**				1201.K4
2.2 HDi 16v (115 kW) Eng.(4HN)DW12MTED4	8/07-	**PA1049**		•		1201.H7/ .J6
2.4 16v (125 kW) Eng.4B12	08-	**PA1082**	•		Ch -11527	1201.J9
	08-	**PA1135**			Ch 11528-	1201.K4
4008 '5/12-						
1.6 16v (86 kW) Eng.4A92	12-	**PA986**				1607854280
1.6 HDi AWC (84 kW) Eng.DV6C	12-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.8 HDI AWC (110 kW) Eng.4N13	12-	**PA1171**	•			1607852880
2.0 (110 kW) Eng.4B11	12-	**PA1135**				1201.K4
404 '4/63-'12/71						
1.6, GT, Cabrio (48-50-54-59 kW) Eng.XC5/6/P/KF1/2	63-71	**PA073**			+Thermo	1202.13/ .37
	63-71	**PA190**			+AF	1202.70/ .71
	63-71	**PA074**			+AF, +Thermo	1202.48/ .59/ .60/ .84
1.9 D (37-40 kW) Eng.XD4x88	63-71	**PA096**				1202.90
2.0 (71 kW) Eng.106(XN1/A/P/T)	63-71	**PA190**			+AF	1202.70/ .71
405 I (15B) '1/87-'12/93						
1.4 (47 kW) Eng.KDY(TU3A/AN/S/M/2/2K)	87-92	**PA628**		•		1201.E3,1207.18/ .23
1.6 (53 kW) Eng.B1E(XU51C)	87-92	**PA256**		•		1201.39/ .63
1.6 (55 kW) Eng.BAZ(XU5CP)	87-88	**PA256**		•		1201.39/ .63
1.6 (65-66-69 kW) Eng.BDY(XU5M2Z/3Z)/BDZ(XU5M)	87-92	**PA256**		•		1201.39/ .63
1.6 (66-69 kW) Eng.B2A(XU52C)/S	87-92	**PA348**		•		1201.50/ .61
1.8 TD (66 kW) Eng.A8A(XUD7TE)/AJZ(XUD7TEY)	88-92	**PA393**		•		1201.48/ .51/ .60/ .62
1.9 (70 kW) Eng.D2C(XU92C)	87-92	**PA256**		•		1201.39/ .63
1.9 D (47 kW) Eng.DJZ(XUD9Y)	88-92	**PA393**		•		1201.48/ .51/ .60/ .62
1.9 D (51 kW) Eng.D9B(XUD9A)	88-92	**PA393**		•		1201.48/ .51/ .60/ .62
1.9 GRi/SRi 4WD (80 kW) Eng.DDZ(XU9M)	88-92	**PA256**		•		1201.39/ .63
1.9 GTi (88-96 kW) Eng.DKZ(XU9JA/Z/2C/S)	88-92	**PA256**		•		1201.39/ .63
1.9 Sport MI-16 (108 kW) Eng.DFW(XU9J4Z)	88-92	**PA348**		•		1201.50/ .61
1.9 Sport MI-16 (116-118 kW) Eng.D6C(XU9J4)	87-91	**PA348**		•		1201.50/ .61
1.9i (77 kW) Eng.DFZ(XU9J1)	87-92	**PA256**		•		1201.39/ .63
405 I (15E) Break '1/87-'12/92						
1.6 (53 kW) Eng.B1E(XU51C)	87-92	**PA256**		•		1201.39/ .63
1.6 (55 kW) Eng.BAZ(XU5CP)	87-88	**PA256**		•		1201.39/ .63
1.6 (65-66 kW) Eng.BDY(XU5M2Z/3Z)/BDZ(XU5M)	87-92	**PA256**		•		1201.39/ .63
1.8 TD (66 kW) Eng.A8A(XUD7TE)/AJZ(XUD7TEY)	88-92	**PA393**		•		1201.48/ .51/ .60/ .62
1.9 (70 kW) Eng.D2C(XU92C)	87-92	**PA256**		•		1201.39/ .63
1.9 D (47-51 kW) Eng.DJZ/D9B(XUD9Y/ A)	88-92	**PA393**		•		1201.48/ .51/ .60/ .62
1.9 GRi/SRi, 4WD (80 kW) Eng.DDZ(XU9M)	88-92	**PA256**		•		1201.39/ .63
1.9 GTi, 4WD (88 kW) Eng.DKZ(XU9JAZ)	88-92	**PA256**		•		1201.39/ .63
1.9 Sport MI-16 (108 kW) Eng.DFW(XU9J4Z)	88-92	**PA348**		•		1201.50/ .61
1.9i, Allrad (77 kW) Eng.DFZ(XU9J1)	87-92	**PA256**		•		1201.39/ .63
405 II (4B) '8/92-'10/96						
1.4 (47-55 kW) Eng.KDY/KDZ(TU3A/AN/S/M/2/2K/MC/F2)	92-96	**PA491**		•		1201.58/ .E4/ .E6,1207.25
1.6 (65-66-69-76-85 kW) Eng.BDY(XU5M2Z/3Z)/XU5JP	92-95	**PA348**		•		1201.50/ .61
1.8 (74 kW) Eng.LFZ(XU7JP)	92-95	**PA348**		•		1201.50/ .61
1.9 D (47 kW) Eng.DJZ(XUD9Y)	1/94-95	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
	92-1/94	**PA393**		•		1201.48/ .51/ .60/ .62
1.9 D (50 kW) Eng.DJY(XUD9A)	94-95	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
1.9 TD (66-68 kW) Eng.DHY(XUD9TE)	1/94-95	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
	92-1/94	**PA393**		•		1201.48/ .51/ .60/ .62



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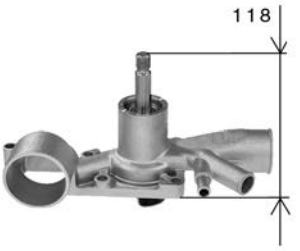
PA1045

KP747-1

KP747-2

		GRAF ref.			NOTE	Adaptable for OES
2.0 (89 kW) Eng.RFX(XU10J2/2C)	92-95	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.0 16v (110 kW) Eng.RFT(XU10J4)	94-95	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.0 MI-16 (112 kW) Eng.RFY(XU10J4Z)	92-95	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.0 T. 16 X4 (144 kW) Eng.RGZ(XU10J4TE-Z)	92-95	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.0 X4 (89 kW) Eng.RFX(XU10J2/2C)	92-95	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
405 II (4E) Break '8/92-'10/96						
1.4 (47-55 kW) Eng.KDY/KDZ(TU3A/AN/S/M/2/2K/MC/F2)	92-96	**PA491**		•		1201.58/ .E4/ .E6,1207.25
1.6 (65-66-69-76-85 kW) Eng.BDY(XU5M2Z/3Z)/XU5JP	92-95	**PA348**		•		1201.50/ .61
1.8 (74 kW) Eng.LFZ(XU7JP)	92-95	**PA348**		•		1201.50/ .61
1.9 (77 kW) Eng.D2A(XU92C)	92-95	**PA348**		•		1201.50/ .61
1.9 D (47 kW) Eng.DJZ(XUD9Y)	1/94-95	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
	92-1/94	**PA393**		•		1201.48/ .51/ .60/ .62
1.9 D (50-51 kW) Eng.DJY(XUD9A)	94-95	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
1.9 TD (66-68 kW) Eng.DHY(XUD9TE)	1/94-95	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
	92-1/94	**PA393**		•		1201.48/ .51/ .60/ .62
2.0 (89 kW) Eng.RFX(XU10J2/2C)	92-95	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.0 X4 (89 kW) Eng.RFX(XU10J2/2C)	92-95	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
406 (8B/E/F), Break, Coupe '11/95-'5/04						
1.6 (Exc. Break) (65-76-85 kW) Eng.BFZ(XU5JP/J1/JA)	95-04	**PA348**		•		1201.50/ .61
1.8 (66 kW) Eng.LFX(XU7JB)	97-04	**PA348**		•		1201.50/ .61
1.8 16v (81 kW) Eng.LFY(XU7JP4)	95-00	**PA642**		•		1201.98
1.8 16v (85 kW) Eng.6FZ(EW7J4)	00-04	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	00-04	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	00-04	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
1.9 D (55 kW) Eng.DHW(XUD9SD/BSD)	3/97-04	**PA911**		•		1201.A8
	96-2/97	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
1.9 TD (66-68 kW) Eng.DHX(XUD9TE)	96-04	**PA911**		•		1201.A8
1.9 TD (Exc. Break) (66-68 kW) Eng.DHY(XUD9TE)	96-04	**PA911**		•		1201.A8
2.0 16v HPi (103 kW) Eng.RLZ(EW10D)	01-04	**PA641**		•		1201.93/ .A1
2.0 16v, Coupe (100 kW) Eng.RFN(EW10J4)	00-04	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	00-04	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	00-04	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 16v, Coupe (97 kW) Eng.RFV(XU10J4R)	95-04	**PA641**		•		1201.93/ .A1
2.0 16v, Coupe (99 kW) Eng.RFR(DEW10J4)	99-00	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	99-00	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	99-00	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi (66 kW) Eng.RHY(DW10TD)	99-04	**PA747**		•		1201.C4,1609402380
	2/99-5/04	**KP747-2**		•	Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N4,1201.C4/ 1609402380
	2/99-5/04	**KP747-1**		•	Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8/ .V3 1201.C4/ 1609402380,LCV
2.0 HDi (80 kW) Eng.RHZ(DW10ATED)	99-01	**PA747**		•		1201.C4,1609402380
	2/99-8/01	**KP747-2**		•	Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N4,1201.C4/ 1609402380
	2/99-8/01	**KP747-1**		•	Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8/ .V3 1201.C4/ 1609402380,LCV
2.0 HDi FAP (79 kW) Eng.RHS(DW10ATED4)	01-04	**PA747**		•		1201.C4,1609402380
	8/01-5/04	**KP747-2**		•	Belt:141x25, PA747	0831.78/ .79/ .N4,1201.C4/ 1609402380
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	96-04	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.1 TD 12v (80 kW) Eng.PHZ/P8C(XUD11ATE/BTE)	96-04	**PA542**	•	•		1201.54/ .55/ .A7/ .C5/ .C6
2.2 HDi, Coupe (94-98 kW) Eng.4HX(DW12TED4-FAP)	00-04	**PA861**		•		1201.E8,1609402180
2.2, Coupe (116 kW) Eng.3FZ(EW12J4)	00-04	**PA863**	•	•	Only plastic BH Version	1201.E7/ .F5/ .G5/ .J2
	00-04	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	00-04	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
3.0 V6 12v, Coupe (140 kW) Eng.XFZ(ES9J4)	96-04	**PA653**		•		1201.A6/ .C7
3.0 V6 24v, Coupe (152 kW) Eng.XFX(ES9J4S)	00-04	**PA886**		•	Ch 08555-	1201.F6
	00-04	**PA906**		•	Ch -08554	1201.E9
407 I, SW (6D/E/C) '5/04-'9/08						
1.6 HDi 16v FAP (80 kW) Eng.9HZ(DV6TED4)	04-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680

PA189



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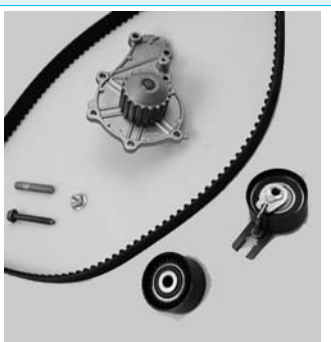

KP938-1

		GRAF ref.			NOTE	Adaptable for OES
1.6 HDi 16v FAP (80 kW) Eng.9HZ(DV6TED4)	5/04-9/08	**KP938-1**		•	Belt:137x25,4, PA938	0831.P1,1201.G1/ .G9/ .K8/ 1609417680
1.8 16v (85 kW) Eng.6FZ(EW7J4)	04-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
1.8 16v (92 kW) Eng.6FY(EW7A)	05-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
2.0 16v (100 kW) Eng.RFN(EW10J4)	04-08	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	04-08	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	04-08	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 16v (103 kW) Eng.RFJ(EW10A)	05-08	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	05-08	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	05-08	**PA861**		•		1201.E8,1609402180
	05-08	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi 16v, Coupe (100 kW) Eng.RHR(DW10BTED4)	04-	**PA861**		•		1201.E8,1609402180
	04-	**KP861-2**		•	Belt:116x25, PA861	0831.K0,1201.E8/ 1609402180
2.2 16v (116 kW) Eng.3FZ(EW12J4)	04-08	**PA863**	•	•	Only plastic BH Version	1201.E7/ .F5/ .G5/ .J2
	04-08	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	04-08	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.2 16v, Coupe (120 kW) Eng.3FY(EW12J4)	05-08	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	05-08	**PA863**	•	•	Only plastic BH Version	1201.E7/ .F5/ .G5/ .J2
	05-08	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.2 HDi 16v (125 kW) Eng.4HT(DW12BTED4)	06-08	**PA1049**		•		1201.H7/ .J6
2.7 HDi 24v, Coupe (150 kW) Eng.UHZ(DT17TED4)	05-08	**PA1067**				1201.G6
3.0 V6 24v, Coupe (155 kW) Eng.XFV(ES9A)	04-	**PA886**		•		1201.F6
407 II, SW '10/08-						
1.6 HDi (80 kW) Eng.9HZ(DV6TED4)	08-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.8 16v (92 kW) Eng.6FY(EW7A)	08-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	08-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	08-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 16v (103 kW) Eng.RFJ(EW10A)	08-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	08-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	08-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi (100 kW) Eng.RHR(DW10BTED4)	08-	**PA861**		•		1201.E8,1609402180
2.0 HDi (110-120 kW) Eng.DW10CTED4	10-	**PA1110**		•		1201.K2
2.2 HDi (120-125 kW) Eng.4HP/4HT(DW12BTED4)	08-	**PA1049**		•		1201.H7/ .J6
2.7 HDi 24v (150 kW) Eng.UHZ(DT17TED4)	08-	**PA1067**				1201.G6
3.0 V6 24v HDi (177 kW) Eng.DT20C	09-	**PA1158**				1201.K5
5008 '12/09-						
1.6 16v (88 kW) Eng.5FW(EP6)	09-	**PA994**				1201.H8,9801573380
1.6 16v THP (115 kW) Eng.EP6CDT	09-	**PA994**				1201.H8,9801573380
1.6 8v HDi (84 kW) Eng.9HD(DV6CTED)	12-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi (82 kW) Eng.9HR(DV6C)	10-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi 16v (80 kW) Eng.DV6TED4	09-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
2.0 16v HDi (110-120 kW) Eng.DW10CTED4	09-	**PA1110**		•		1201.K2
504 '7/68-'7/86						
1.8 (58-60 kW) Eng.XM1/7	68-83	**PA190**			Ch -2964000, +AF	1202.70/ .71
	68-83	**PA252**			Ch 2964001-, +AF	1201.89,1202.97
	68-83	**PA251**			Ch 3061638-	1201.90,1202.98
1.8i (71 kW) Eng.KF5/KF6	68-71	**PA190**			Ch -2964000, +AF	1202.70/ .71
	68-71	**PA252**			Ch 2964001-, +AF	1201.89,1202.97
	68-71	**PA251**			Ch 3061638-	1201.90,1202.98
1.9 D (37-40 kW) Eng.XD4x88	78-86	**PA189**				1202.73/ .74/ .85/ .86
2.0 (71 kW) Eng.106(XN1/A/P/T)	71-86	**PA190**			Ch -2964000, +AF	1202.70/ .71
	71-86	**PA252**			Ch 2964001-, +AF	1201.89,1202.97
	71-86	**PA251**			Ch 3061638-	1201.90,1202.98
2.0 Coupe, Cabrio (75 kW) Eng.106(XN1A)	74-82	**PA190**			Ch -2964000, +AF	1202.70/ .71
	74-82	**PA252**			Ch 2964001-, +AF	1201.89,1202.97
	74-82	**PA251**			Ch 3061638-	1201.90,1202.98
2.0 TI, Coupe, Cabrio (64-78 kW) Eng.107(XN2)	71-84	**PA190**			Ch -2964000, +AF	1202.70/ .71
	71-84	**PA252**			Ch 2964001-, +AF	1201.89,1202.97

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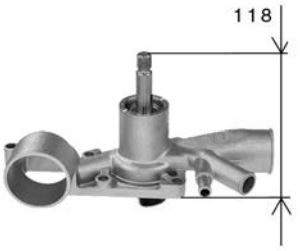

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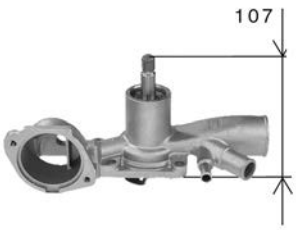

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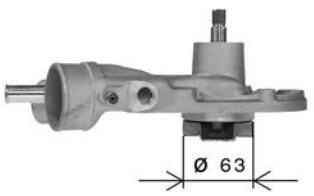
		GRAF ref.			NOTE	Adaptable for OES
2.0 TI, Coupe, Cabrio (64-78 kW) Eng.107(XN2)	71-84	**PA251**			Ch 3061638-	1201.90,1202.98
2.1 D (48 kW) Eng.XD4x90	78-86	**PA189**				1202.73/ .74/ .85/ .86
504 Break '4/71-'7/86						
1.8 (54 kW) Eng.XM7	71-86	**PA190**			Ch -2964000, +AF	1202.70/ .71
	71-86	**PA252**			Ch 2964001-, +AF	1201.89,1202.97
	71-86	**PA251**			Ch 3061638-	1201.90,1202.98
2.0 (68 kW) Eng.XN1/P/T/XNA	71-86	**PA190**			Ch -2964000, +AF	1202.70/ .71
	71-86	**PA252**			Ch 2964001-, +AF	1201.89,1202.97
	71-86	**PA251**			Ch 3061638-	1201.90,1202.98
2.1 D (48 kW) Eng.XD4x90	78-86	**PA189**				1202.73/ .74/ .85/ .86
504 Pick-Up (E) '1/80-'12/89						
1.6 (46 kW) Eng.XC7/P	80-87	**PA190**			Ch -2964000, +AF	1202.70/ .71
	80-87	**PA252**			Ch 2964001-, +AF	1201.89,1202.97
	80-87	**PA251**			Ch 3061638-	1201.90,1202.98
1.8 (53-55 kW) Eng.XM7	87-89	**PA190**			Ch -2964000, +AF	1202.70/ .71
	87-89	**PA252**			Ch 2964001-, +AF	1201.89,1202.97
	87-89	**PA251**			Ch 3061638-	1201.90,1202.98
1.9 D (37-40 kW) Eng.XD4x88	80-89	**PA189**				1202.73/ .74/ .85/ .86
505 (551A) '8/79-'12/93						
1.6 (44 kW) Eng.XC7/P	82-86	**PA251**				1201.90,1202.98
	82-86	**PA252**			+AF	1201.89,1202.97
1.8 (55-60-62 kW) Eng.105(XM7/P/A)	81-86	**PA251**				1201.90,1202.98
	81-86	**PA252**			+AF	1201.89,1202.97
2.0 (71-72 kW) Eng.106(XN1/A/P/T)	80-91	**PA251**				1201.90,1202.98
	80-91	**PA252**			+AF	1201.89,1202.97
2.0 Ti, STi (80-81 kW) Eng.829(ZEJ)	79-86	**PA246**				1202.93
	79-86	**PA123**			+AF	1202.94
2.2 (84-85 kW) Eng.851X(ZDJL)	81-93	**PA246**				1202.93
	81-93	**PA123**			+AF	1202.94
2.2 GTI (85-96 kW) Eng.851B(ZDJL)	83-93	**PA246**				1202.93
	83-93	**PA123**			+AF	1202.94
2.3 TD (54-59 kW) Eng.147(XD2S)	80-86	**PA303**			Ch 1633872-	1201.42/ .76
2.5 D (51-55 kW) Eng.155(XD3)	81-93	**PA297**				1201.35/ .74
2.5 TD (66-70 kW) Eng.152A(XD3T)	83-93	**PA303**				1201.42/ .76
2.5 TD (77 kW) Eng.152B(XD3TE)	86-93	**PA303**				1201.42/ .76
505 Break (551D) '6/81-'12/93						
1.8 (55 kW) Eng.105(XM7/P)	81-85	**PA251**				1201.90,1202.98
	81-85	**PA252**			+AF	1201.89,1202.97
1.8 (60-62 kW) Eng.105(XM7/A)	82-86	**PA251**				1201.90,1202.98
	82-86	**PA252**			+AF	1201.89,1202.97
2.0 (69 kW) Eng.106(XN1)	83-85	**PA251**				1201.90,1202.98
	83-85	**PA252**			+AF	1201.89,1202.97
2.0 (72 kW) Eng.106E(XN1A)	85-87	**PA251**				1201.90,1202.98
	85-87	**PA252**			+AF	1201.89,1202.97
2.2 (84-85 kW) Eng.851X(ZDJL)	86-93	**PA246**				1202.93
	86-93	**PA123**			+AF	1202.94
2.2 GTI (85-96 kW) Eng.851B(ZDJL)	85-86	**PA246**				1202.93
	85-86	**PA123**			+AF	1202.94
2.5 D (51-55-66 kW) Eng.155(XD3)	86-93	**PA297**				1201.35/ .74
2.5 D, TD (66-70 kW) Eng.152A(XD3T)	83-90	**PA303**				1201.42/ .76
2.5 TD (77 kW) Eng.152B(XD3TE)	86-93	**PA303**				1201.42/ .76
508, SW '11/10-						
1.6 (120 kW)	12-	**PA994**				1201.H8,9801573380
1.6 e-HDi (84 kW) Eng.9HD(DV6CTED)	12-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi (82 kW) Eng.DV6C	10-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 THP (110 kW) Eng.5FX(EP6DT)	10-	**PA994**				1201.H8,9801573380



PA129

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PA643

PA653

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PA863

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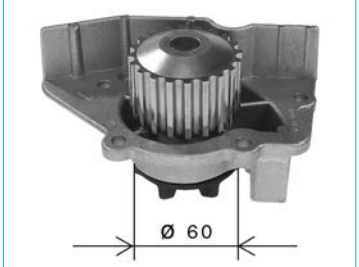
PA1067

PA1110

KP747-2

KP861-2

		GRAF ref.			NOTE	Adaptable for OES
1.6 THP (115 kW) Eng.5FV(EP6CDT)	10-	**PA994**				1201.H8,9801573380
1.6 VTi (85 kW)	10-	**PA994**				1201.H8,9801573380
1.6 VTi (88 kW) Eng.5FS(EP6C)	10-	**PA994**				1201.H8,9801573380
2.0 HDi (100-103 kW) Eng.RHF(DW10BTED4)	10-	**PA861**		•		1201.E8,1609402180
2.0 HDi (120 kW) Eng.RHH(DW10CTED4)	10-	**PA1110**		•		1201.K2
2.2 HDi (150 kW) Eng.4HL(DW12CTED4)	10-	**PA1049**		•		1201.H7/ .J6
604 (561A) '8/77-'7/87						
2.3 TD (54-59 kW) Eng.147(XD2S)	79-83	**PA129**				1202.96
2.5 TD (66 kW) Eng.152A(XD3T)	83-86	**PA303**				1201.42/ .76
605 (6B) '6/89-'9/99						
2.0 (79 kW) Eng.R5A(XU10M)	90-99	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.0 (84 kW) Eng.R5A(XU102C)	89-99	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.0 (89 kW) Eng.RFZ(XU10J2Z)	89-99	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.0 16v (97 kW) Eng.RFV(XU10J4R)	94-99	**PA641**		•		1201.93/ .A1
2.0 T. (104 kW) Eng.RGY(XU10J2TE)	92-99	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	91-99	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.1 D (60 kW) Eng.P9A(XUD11A)	89-95	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.1 TD 12v (80 kW) Eng.P8C(XUD11BTE)	94-99	**PA542**	•	•		1201.54/ .55/ .A7/ .C5/ .C6
2.1 TD 12v (80 kW) Eng.PHZ(XUD11ATE)	89-99	**PA542**	•	•		1201.54/ .55/ .A7/ .C5/ .C6
2.5 TD (95 kW) Eng.THY(DK5ATE)	6/96-99	**PA684**				1201.A5
	94-5/96	**PA643**	•			1201.70/ .A3
3.0 V6 12v (140 kW) Eng.XFZ(ES9J4)	97-99	**PA653**		•		1201.A6/ .C7
607 (9D) '2/00-						
2.0 16v (100 kW) Eng.RFN(EW10J4)	00-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	00-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	00-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi (79 kW) Eng.RHS(DW10ATED)	01-04	**PA747**		•		1201.C4,1609402380
2.0 HDi (80 kW) Eng.RHZ(DW10ATED)	00-	**PA747**		•		1201.C4,1609402380
	5/00-	**KP747-2**		•	Belt:141x25, PA747	0831.78/ .79/ .N4,1201.C4/ 1609402380
2.0 HDi 16v (100 kW) Eng.RHR(DW10BTED4)	05-	**PA861**		•		1201.E8,1609402180
	05-	**KP861-2**		•	Belt:116x25, PA861	0831.K0,1201.E8/ 1609402180
2.2 16v (116 kW) Eng.3FZ(EW12J4)	00-	**PA863**	•	•	Only plastic BH Version	1201.E7/ .F5/ .G5/ .J2
	00-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	00-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.2 16v (120 kW) Eng.3FY(EW12J4)	05-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	05-	**PA861**		•		1201.E8,1609402180
	05-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.2 HDi (98 kW) Eng.4HX(DW12TED4-FAP)	00-	**PA861**		•		1201.E8,1609402180
2.2 HDi 16v (125 kW) Eng.4HT(DW12BTED4)	06-	**PA1049**		•		1201.H7/ .J6
2.7 HDi 24v (150 kW) Eng.UHZ(DT17TED4)	04-	**PA1067**				1201.G6



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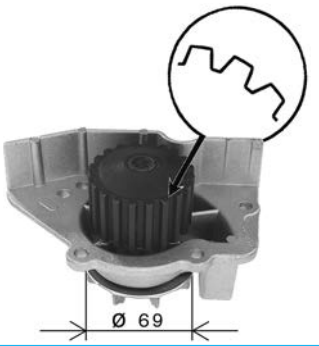

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KP747-1

KP747-2

KP747-4

		GRAF ref.			NOTE	Adaptable for OES
3.0 V6 24v (152 kW) Eng.XFX(ES9J4S)	00-04	**PA886**		•	Ch 08555-	1201.F6
	00-04	**PA906**		•	Ch -08554	1201.E9
3.0 V6 24v (155 kW) Eng.XFV(ES9A)	04-	**PA886**		•		1201.F6
806 (221) '6/94-'8/02						
1.8 (73 kW) Eng.LFW(XU7JP)	95-02	**PA348**		•		1201.50/ .61
1.9 TD (66-68 kW) Eng.DHX(XUD9TE)	95-02	**PA911**		•		1201.A8
1.9 TD (66-68 kW) Eng.DHY(XUD9TE)	97-02	**PA911**		•		1201.A8
2.0 (89 kW) Eng.RFU(XU10J2)	94-02	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.0 16v (100 kW) Eng.RFN(EW10J4)	00-02	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
2.0 16v (97 kW) Eng.RFV(XU10J4R)	98-00	**PA641**		•		1201.93/ .A1
2.0 HDi, 16v (80 kW) Eng.RHW/RHZ(DW10ATED4)	99-02	**PA747**		•		1201.C4,1609402380
	8/99-8/02	**KP747-2**		•	Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N4,1201.C4/ 1609402380
	8/99-8/02	**KP747-1**		•	Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8/ .V3 1201.C4/ 1609402380,LCV
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	94-02	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.1 TD 12v (80 kW) Eng.PHZ/P8C(XUD11ATE/BTE)	96-99	**PA542**	•	•		1201.54/ .55/ .A7/ .C5/ .C6
807 (E) '6/02-						
2.0 16v (100 kW) Eng.RFN(EW10J4)	02-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	02-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	02-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 16v (103 kW) Eng.RFJ(EW10A)	05-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	05-	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1,1609417480
	05-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi (120 kW) Eng.DW10CTED4	09-	**PA1110**		•		1201.K2
2.0 HDi 16v (100 kW) Eng.RHR(DW10BTED4)	06-	**PA861**		•		1201.E8,1609402180
2.0 HDi FAP (79-80 kW) Eng.RHW/RHT/RHM(DW10ATED4)	02-	**PA747**		•		1201.C4,1609402380
	6/02-	**KP747-4**		•	Belt:144x25,4, PA747	0831.73/ .74/ .S2,1201.C4/ 1609402380
2.2 16v (116 kW) Eng.3FZ(EW12J4)	02-	**PA863**	•	•	Only plastic BH Version	1201.E7/ .F5/ .G5/ .J2
	02-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	02-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.2 HDi (94-98 kW) Eng.4HX(DW12TED4-FAP)	02-	**PA861**		•		1201.E8,1609402180
2.2 HDi 16v (120-125 kW) Eng.4HT(DW12BTED4)	08-	**PA1049**		•		1201.H7/ .J6
3.0 V6 24v (152 kW) Eng.XFX(ES9J4S)	02-	**PA886**		•		1201.F6
Rcz '3/10-						
1.6 16v THP (115 kW) Eng.5FV(EP6CDT)	10-	**PA994**				1201.H8,9801573380
1.6 16v THP (147 kW) Eng.5FV(EP6CDTX)	10-	**PA994**				1201.H8,9801573380
2.0 HDi (120 kW) Eng.5HH(DW10CTED4)	10-	**PA1110**		•		1201.K2

PEUGEOT LCV

205 Van '10/87-						
1.8 D (44 kW) Eng.161A(XUD7)	94-	**PA911**		•		1201.A8
206 Van '1/01-						
1.4 HDi (50 kW) Eng.8HX/8HV(DV4TD)	01-	**PA859**		•		1201.F9/ .G8,1609417380

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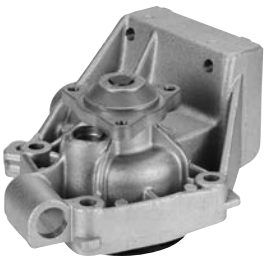

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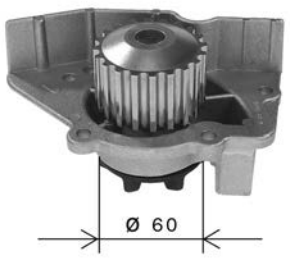
KP747-1

		GRAF ref.			NOTE	Adaptable for OES
207 Van '4/07-						
1.4 HDi (50 kW) Eng.8HZ(DV4TD)	09-	**PA859**		•		1201.F9/ .G8,1609417380
1.6 HDi (66 kW) Eng.9HX(DV6ATED4)	07-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
306 Van '5/93-						
1.4 SL (55 kW) Eng.KFW/KFX(TU3JP)/KDX(TU3MC)	93-	**PA628**		•		1201.E3,1207.18/ .23
1.6 SR, Cabrio (65 kW) Eng.NFZ(TU5JP)	93-00	**PA491**		•		1201.58/ .E4/ .E6,1207.25
1.8 D (43 kW) Eng.A9A(XUD7)	93-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
	93-	**PA393**		•		1201.48/ .51/ .60/ .62
1.9 D (55 kW) Eng.DHV(XUD9BSD)	98-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
1.9 STD (50 kW) Eng.DJY(XUD9A)	94-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
	94-	**PA393**		•		1201.48/ .51/ .60/ .62
307 Van '1/01-						
1.4 HDi (50 kW) Eng.DV4TD	01-	**PA859**		•		1201.F9/ .G8,1609417380
1.6 HDi (80 kW) Eng.DV6TED4	04-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
2.0 HDi (66 kW) Eng.RHY(DW10TD)	01-	**PA747**		•		1201.C4,1609402380
2.0 HDi (80 kW) Eng.RHS(DW10ATED4)	01-	**PA747**		•		1201.C4,1609402380
308 Van '10/09-						
1.6 HDi (66 kW) Eng.DV6ATED4	09-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi (80 kW) Eng.DV6TED4	09-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
Bipper (AA) '2/08-						
1.3 HDi (55 kW) Eng.FHZ(F13DTE5)	10-	**PA1083**				1201.L9
1.4 (54 kW) Eng.KFV(TU3A)	08-	**PA837**		•		1201.G0,1609417080
1.4 HDi (50 kW) Eng.8HS(DV4TED)	08-	**PA859**		•		1201.F9/ .G8,1609417380
Boxer I (230) '3/94-'4/02						
1.9 D (50 kW) Eng.DJY(XUD9A)	99-02	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
1.9 D (51 kW) Eng.D8C(XUD9AU)	94-97	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
	97-02	**PA911**		•		1201.A8
1.9 TD, 4WD (66-68 kW) Eng.DHY(XUD9TE)	94-97	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
	97-02	**PA911**		•		1201.A8
1.9 TD, 4WD (68 kW) Eng.D8C(XUD9UTF)	94-02	**PA911**		•		1201.A8
2.0 HDi (62 kW) Eng.RHV(DW10UTD)	01-02	**PA747**		•		1201.C4,1609402380
	8/01-4/02	**KP747-1**		•	Belt:141x25,4 , PA747	0831.40/ .41/ .62/ .82/ .83/ .R8/ .V3
2.0, 4WD (80 kW) Eng.RFW(XU10J2/C)	94-02	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.5 D, 4WD (63 kW) Eng.T9A(DJ5)	6/96-02	**PA684**				1201.A5
	94-05/96	**PA643**	•			1201.70/ .A3
	99-02	**PA607**			Eng. Sofim	1201.C9/ .H5
2.5 TD, 4WD (76-95 kW) Eng.T8A(DJ5T)	6/96-02	**PA684**				1201.A5
	94-05/96	**PA643**	•			1201.70/ .A3
2.5 TDi, 4WD (79 kW) Eng.THX(DJ5TED)	97-02	**PA684**				1201.A5
2.8 HDi, 4WD (93-94 kW) Eng.8140.43S	00-02	**PA607**			Eng. Sofim	1201.C9/ .H5
Boxer II (244) '4/02-'3/06						
2.0 (81 kW) Eng.RFL(XU10J2U)	4/02-	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.0 HDi (62 kW) Eng.RHV(DW10UTD)	4/02-	**PA747**		•		1201.C4,1609402380
	4/02-3/06	**KP747-1**		•	Belt:141x25,4 , PA747	0831.40/ .41/ .62/ .82/ .83/ .R8/ .V3
2.2 HDi (74 kW) Eng.4HY(DW12UTED)	4/02-	**PA861**		•		1201.E8,1609402180
2.8 HDi (107 kW) Eng.8140.43N	4/04-3/06	**PA607**				1201.C9/ .H5
2.8 HDi, 4WD (94 kW) Eng.8140.43S	4/02-	**PA607**				1201.C9/ .H5
2.8 TD (90 kW) Eng.8140.43	02-05	**PA607**				1201.C9/ .H5
Boxer III '4/06-						
2.2 HDi (74-88 kW) Eng.4HV/4HU(DW12TED)	06-	**PA996**	•			1201.H6,1609944880
2.2 HDi (81-96-110 kW)	11-	**PA996**	•			1201.H6,1609944880
2.3 HDi (93 kW)	07-	**PA900**		•		504033770
3.0 HDi (107 kW) Eng.F30DT	10-	**PA1026**				1201.J4/ .K0
3.0 HDi (115 kW) Eng.F1AE0481D	06-	**PA1026**				1201.J4/ .K0
3.0 HDi (130 kW)	11-	**PA1026**				1201.J4/ .K0



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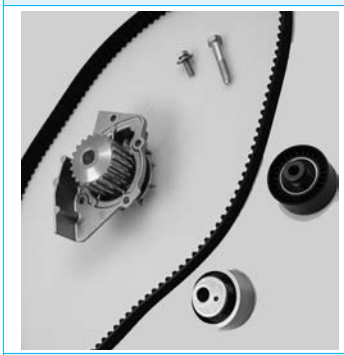


KP747-2

KP747-3

KP747-4

KP861-2

		GRAF ref.			NOTE	Adaptable for OES
Expert I (222,223,224) '2/96-'12/06						
1.6 (58 kW) Eng.220A2.000	96-	**PA685**			+BH	1201.95
	96-	**PA686**			+BH, +PS	1201.96
1.8 (66-74 kW) Eng.LFW(XU7JP)	96-	**PA348**		•		1201.50/ .61
1.9 D (48-51 kW) Eng.D9B/C(XUD9/AU/Y)	3/97-	**PA911**		•		1201.A8
	96-2/97	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
1.9 D (51 kW) Eng.WJZ(DW8)	98-	**PA747**		•		1201.C4,1609402380
	12/98-12/06	**KP747-3**		•	Belt:140x25,4, PA747	0831.58/ .59/.N2/ .N3/ .R7 1201.C4/ 1609402380
1.9 TD (66-68 kW) Eng.DHX(XUD9TE)	2/97-	**PA911**		•		1201.A8
	96-2/97	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
2.0 16v (100 kW) Eng.RFN(EW10J4)	00-06	**PA862**	•	•	Only plastic BH Version	1201.E1/ F4/ .G4/ .J1
	00-06	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	00-06	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi (69 kW) Eng.RHX(DW10BTED)	00-	**PA747**		•		1201.C4,1609402380
	7/00-12/06	**KP747-2**		•	Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N4,1201.C4/ 1609402380
	7/00-12/06	**KP747-1**		•	Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8/ .V3
2.0 HDi, 16v (80 kW) Eng.RHW/RHZ(DW10ATED4)	00-06	**PA747**		•		1201.C4,1609402380
	7/00-12/06	**KP747-2**		•	Mod. 2V, Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N4,1201.C4/ 1609402380
	7/00-12/06	**KP747-1**		•	Mod. 2V, Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8/ .V3
	7/00-12/06	**KP747-4**		•	Mod. 4V, Belt:144x25,4, PA747, Ch -10010	0831.73/ .74/ .S2,1201.C4/ 1609402380
Expert II Tepee (VF3V) '1/07-						
1.6 HDi 16v (66 kW) Eng.9HU(DV6UTED4)	07-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
2.0 16v (103 kW) Eng.RFJ(EW10A)	07-	**PA1044**	•	•	Only Aluminium BH Version	1201.K1/ .L2
	07-	**PA683**		•		1201.A2/ .E5,1609417280
	07-	**PA1045**		•	+BH Aluminium	1201.K1/ .L2
2.0 HDi (72 kW)	11-	**PA1110**		•		1201.K2
2.0 HDi (88 kW) Eng.RHK(DW10UTED4)	07-	**PA861**		•		1201.E8,1609402180
	07-	**KP861-2**		•	Belt:116x25, PA861	0831.K0,1201.E8/ 1609402180
2.0 HDi (94 kW) Eng.AHZ(DW10CD)	11-	**PA1110**		•		1201.K2
2.0 HDi 16v (100 kW) Eng.RHR(DW10BTED4)	07-	**PA861**		•		1201.E8,1609402180
	07-	**KP861-2**		•	Belt:116x25, PA861	0831.K0,1201.E8/ 1609402180
2.0 HDi 16v (120 kW) Eng.RHH(DW10CTED4)	09-	**PA1110**		•		1201.K2
J5 (280/290) '9/81-						
1.8 (51 kW) Eng.169B(XM7T)	83-88	**PA544**				1201.34/ .40
1.9 D (51 kW) Eng.D9B(XUD9/A/Y)	90-	**PA393**		•		1201.48/ .51/ .60/ .62

PA157

PA158

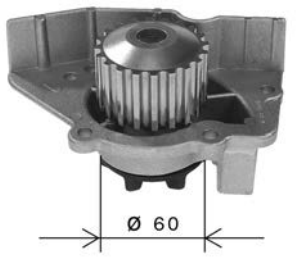
PA240

PA308

PA309

PA315

PA336



PA348

PA544

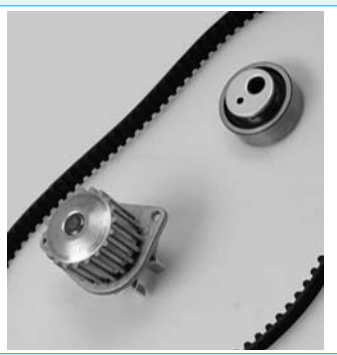
PA600

PA628

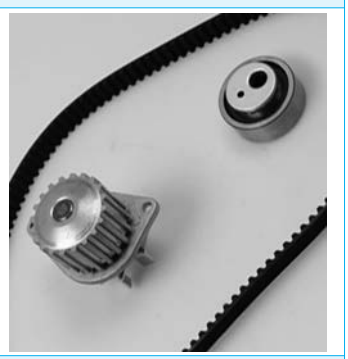
PA683

PA837

PA938



KP628-1



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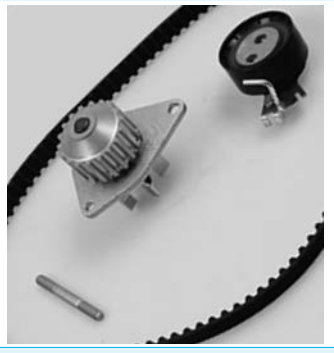
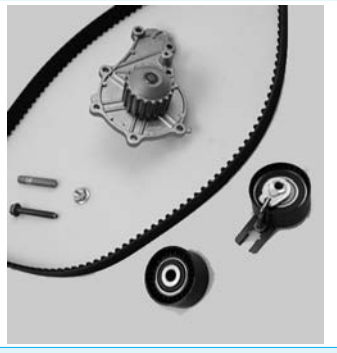
KP683-1



KP837-1



KP938-1

KIT600

		GRAF ref.			NOTE	Adaptable for OES
2.0 (55 kW) Eng.170B/XN1T	81-90	**PA544**				1201.34/ .40
2.0 (58 kW) Eng.170A/B(XN1P/T)	83-90	**PA544**				1201.34/ .40
2.0 (62-69 kW) Eng.170D(XN1TACP)	90-	**PA544**				1201.34/ .40
2.5 D, 4WD (54-55-70 kW) Eng.CRD93(U25-661/651/673)	81-	**PA240**				1201.36
2.5 TD, 4WD (55-70 kW) Eng.CRD93LS(U25-673)	90-	**PA315**				1201.36/ .37,75530147,95548541
J7 '8/68-'3/80						
1.5 (61 kW) Eng.XB5P	68-70	**PA158**				1202.38/ .79
	68-70	**PA157**			+AF	1202.49/ .78
1.6 (44 kW) Eng.XC7/P	68-80	**PA158**				1202.38/ .79
	68-80	**PA157**			+AF	1202.49/ .78
1.6 (50 kW) Eng.XC5/P	68-80	**PA158**				1202.38/ .79
	68-80	**PA157**			+AF	1202.49/ .78
1.8 (48 kW) Eng.105(XM7/P)	70-80	**PA158**				1202.38/ .79
	70-80	**PA157**			+AF	1202.49/ .78
1.9 D (37-40 kW) Eng.XDP88	68-78	**PA309**				1201.87,1202.88/ .91/. 95/ .99
2.1 D (41-42 kW) Eng.XDPX90	68-77	**PA309**				1201.87,1202.88/ .91/. 95/ .99
	68-77	**PA336**			+AF	1202.51
2.3 D (49 kW) Eng.XD2PX94	77-80	**PA308**			+AF	1202.89/ .92
J9 '3/80-'6/87						
1.6 (44 kW) Eng.XC7/P	80-87	**PA158**				1202.38/ .79
	80-87	**PA157**			+AF	1202.49/ .78
2.0 (57 kW) Eng.XN1/P/T/XNA	80-87	**PA157**			+AF	1202.49/ .78
2.1 D (41-42 kW) Eng.XDPX90	80-87	**PA309**				1201.87,1202.88/ .91/. 95/ .99
	80-87	**PA308**			+AF	1202.89/ .92
2.3 D (49 kW) Eng.XD2PX94	80-82	**PA308**			+AF	1202.89/ .92
2.5 D (53 kW) Eng.XD3P	82-87	**PA600**			+AF	1201.38/ .75
	82-87	**KIT600**			+AF	
Partner/Ranch I (5F) '6/96-'3/08						
1.1 (44 kW) Eng.HDZ(TU1M)/HFX(TU1JP)	96-	**PA628**		•	Eng -3666765	1201.E3,1207.18/ .23
	96-	**PA837**		•	Eng 3666766-	1201.G0,1609417080
	6/96-3/08	**KP628-2**		•	Belt:104x17, PA628, Eng -5762433	0831.02/ .13/ .Q3,1201.00/ .18/ .47/ .E3 1204.34,1207.18/ .23
1.4 (55 kW) Eng.TU3A	06-08	**PA837**		•		1201.G0,1609417080
1.4, Bifuel (55 kW) Eng.KFW/KFX(TU3JP)	96-	**PA628**		•	Eng -3666765	1201.E3,1207.18/ .23
	96-	**PA837**		•	Eng 3666766-	1201.G0,1609417080
	6/96-3/08	**KP837-1**		•	Belt:104x17, PA837, Eng 3666766-	0831.86/ .87,1201.G0/ 1609417080
	6/96-3/08	**KP628-1**		•	Belt:108x17, PA628, Eng -3666765	0831.03/ .14/ .Q4/ .R2 1201.00/ .18/ .47/ .E3,1204.34 1207.18/ .23
1.6 16v (80 kW) Eng.NFU(TU5JP4)	01-	**PA683**		•		1201.A2/ .E5,1609417280
	7/01-3/08	**KP683-1**		•	Belt:134x25, PA683, Eng -1806404	0831.L6/ .L7/ .V1,1201.A2/ .E5/ .H4
1.6 HDi (55 kW) Eng.9HW(DV6B)	06-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	5/06-3/08	**KP938-1**		•	Belt:137x25,4, PA938	0831.P1,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi 16v (66 kW) Eng.9HX(DV6ATED4)	06-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	2/06-3/08	**KP938-1**		•	Belt:137x25,4, PA938	0831.P1,1201.G1/ .G9/ .K8/ 1609417680
1.8 (66 kW) Eng.LFX(XU7JB)	97-	**PA348**		•		1201.50/ .61

PA233

PA391

PA683

PA747

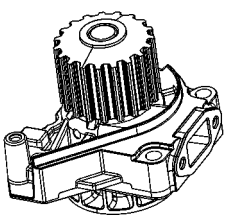
PA938

PA994

PA1081

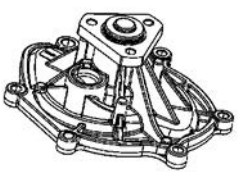
PA1152

PA1162

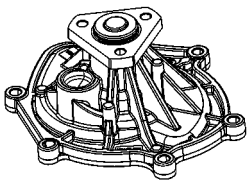


PA1200

PA1213



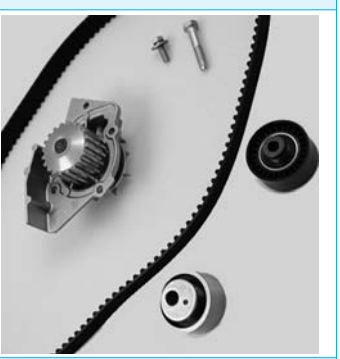
PA1214



PA1216

KP747-1

KP747-2



KP747-3

KP938-1

		GRAF ref.			NOTE	Adaptable for OES
1.8 D (43 kW) Eng.A9A(XUD7)	96-00	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
1.9 D (50 kW) Eng.DJY(XUD9A/DW8/B)	96-00	**PA391**		•		1201.52/ .65/ .67/ .91/ .A4
1.9 D, 4WD (51 kW) Eng.WJZ/WJY(DW8/B)	98-	**PA747**		•		1201.C4,1609402380
	12/98-3/08	**KP747-3**		•	Eng.DW8B, Belt:140x25,4, PA747	0831.58/ .59/.N2/ .N3/ .R7 1201.C4/ 1609402380
2.0 HDi, 4WD (66 kW) Eng.RHY(DW10TD)	00-08	**PA747**		•		1201.C4,1609402380
	4/00-3/08	**KP747-2**		•	Belt:141x25, PA747, Ch 8736-	0831.78/ .79/ .N4,1201.C4/ 1609402380
	4/00-3/08	**KP747-1**		•	Belt:141x25,4 , PA747, Ch -8735	0831.40/ .41/ .62/ .82/ .83/ .R8/ .V3
Partner/Ranch II, Tepee '4/08-						
1.6 (66 kW) Eng.NFR(TU5JP)	08-	**PA683**		•		1201.A2/ .E5,1609417280
1.6 (72 kW) Eng.EP6CDTR	10-	**PA994**				1201.H8,9801573380
1.6 (80 kW) Eng.NFU(TU5JP4)	08-	**PA683**		•		1201.A2/ .E5,1609417280
1.6 16v (88 kW) Eng.5FS(EP6C)	10-	**PA994**				1201.H8,9801573380
1.6 HDi (55 kW) Eng.9HT(DV6BTED4)	08-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	4/08-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P1,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi (66 kW) Eng.9HX(DV6ATED4)	08-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	4/08-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P1,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi (68 kW) Eng.9HX(DV6ATED4)	10-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi (80 kW) Eng.9HZ(DV6TED4)	08-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
	4/08-	**KP938-1**		•	Belt:137x25,4, PA938	0831.P1,1201.G1/ .G9/ .K8/ 1609417680
1.6 HDi (82 kW) Eng.9HL(DV6C)	10-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680
1.6 HDi (84 kW) Eng.9HL(DV6C)	12-	**PA938**		•		1201.G1/ .G9/ .K8,1609417680

PIAGGIO

Porter, Van '2/93-						
1.2 D (26 kW) Eng.LDW12	95-	**PA1200**		•		493169
1.4 D (28 kW) Eng.LDW1404	98-	**PA1200**		•		493169

PORSCHE

911 (996) '6/97-'3/04						
3.4 Carrera, 4, Cabrio (221 kW) Eng.M96.01/.02/.04	97-01	**PA1081**				99610601151/ 2/ 3/ 4/ 5
3.4 Carrera, 4, Cabrio (235 kW) Eng.M96.02S	01-04	**PA1081**				99610601151/ 2/ 3/ 4/ 5
3.6 Carrera, 4, Cabrio (254 kW) Eng.M96.03S	02-04	**PA1081**				99610601151/ 2/ 3/ 4/ 5
3.6 Carrera, 4, Cabrio, Targa (235 kW) Eng.M96.03	01-04	**PA1081**				99610601151/ 2/ 3/ 4/ 5
3.6 GT2 (340-355 kW) Eng.M96.70S/ SL	01-	**PA1162**				99610601175
3.6 GT3 (265 kW) Eng.M96.76	99-	**PA1162**				99610601175
3.6 GT3 (280 kW) Eng.M79.80	03-	**PA1162**				99610601175
3.6 T. 4, Cabrio (309-331 kW) Eng.M96.70/ E	00-	**PA1162**				99610601175
911 (997) '7/04-						
3.6 Carrera, Cabrio (239 kW) Eng.M96.05	04-	**PA1152**				99710601102/ 5
3.6 GT 3 (305 kW) Eng.M97.76	06-	**PA1213**				99710601170/ 1
3.6 GT2 (390 kW) Eng.M97.70S	07-	**PA1213**				99710601170/ 1
3.6 GT2 RS (456 kW) Eng.M97.70	10-	**PA1213**				99710601170/ 1
3.6 T., Cabrio (353 kW) Eng.M97.70	06-	**PA1213**				99710601170/ 1
3.8 Carrera S Cabrio, 4S (280 kW) Eng.M97.01S	05-	**PA1152**				99710601102/ 5
3.8 Carrera S, Cabrio (261 kW) Eng.M97.01	04-	**PA1152**				99710601102/ 5
3.8 GT3 (320 kW) Eng.M97.77	09-	**PA1213**				99710601170/ 1
3.8 GT3 RS (331 kW) Eng.M97.77	09-	**PA1213**				99710601170/ 1
3.8 T Cabrio, Coupe (368-390 kW) Eng.MA1.70	10-	**PA1214**				9A110604870
4.0 GT3 RS (368 kW) Eng.M97.74	11-	**PA1213**				99710601170/ 1
911 II (991), Coupè, Cabrio '12/11-						
3.4, Carrera, 4 (257 kW) Eng.MA1.04	12-	**PA1216**				9A110604800/ 1
3.8 Carrera S (316 kW) Eng.MA1.03/F1AE3481C	12-	**PA1216**				9A110604800/ 1
3.8, Carrera S, 4S (294 kW) Eng.MA1.03	11-	**PA1216**				9A110604800/ 1
924 '11/75-'8/89						
2.0 (92 kW) Eng.XJ	75-85	**PA233**				048 121 011,060 121 011
2.0 T. (125 kW) Eng.M31.01	78-80	**PA233**				048 121 011,060 121 011

PA233

PA550

PA803

PA822

PA886

PA977

PA979

PA1041

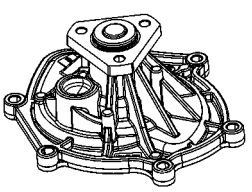
PA1065

PA1081

PA1141

PA1148

PA1152



PA1216

		GRAF ref.			NOTE	Adaptable for OES
2.0 T. (130 kW) Eng.M31.03	80-82	**PA233**				048 121 011,060 121 011
Boxster I (986) '9/96-'11/07						
2.5 (150 kW) Eng.M96.20	96-99	**PA1081**				99610601151/ 2/ 3/ 4/ 5
2.7 (162 kW) Eng.M96.22	99-02	**PA1081**				99610601151/ 2/ 3/ 4/ 5
2.7 (168 kW) Eng.M96.23	02-07	**PA1081**				99610601151/ 2/ 3/ 4/ 5
2.7 (176 kW) Eng.M96.25	04-07	**PA1152**				99710601102/ 5
3.2 S (185 kW) Eng.M96.21	99-02	**PA1081**				99610601151/ 2/ 3/ 4/ 5
3.2 S (191 kW) Eng.M96.24	02-07	**PA1081**				99610601151/ 2/ 3/ 4/ 5
3.2 S (196 kW) Eng.M96.24	04-07	**PA1081**				99610601151/ 2/ 3/ 4/ 5
3.2 S (206 kW) Eng.M96.26	04-07	**PA1152**				99710601102/ 5
Boxster II (987) '12/07-'3/12						
2.7 (180 kW) Eng.M97.20	07-	**PA1152**				99710601102/ 5
3.4 S (217 kW) Eng.M97.21	07-	**PA1152**				99710601102/ 5
3.4 S (228 kW) Eng.MA1.21	09-	**PA1152**				99710601102/ 5
Boxster III '4/12-						
2.7 (195 kW) Eng.MA1.22	12-	**PA1216**				9A110604800/ 1
3.4 S (232 kW) Eng.MA1.23	12-	**PA1216**				9A110604800/ 1
Cayenne (955) '9/02-						
3.0 TDi V6 DPF (176 kW) Eng.M059E	09-	**PA979**				95510603310,95810603320
3.2 (177 kW) Eng.M02.2Y	03-	**PA1041**		•		95510601100,95510603300
3.2 (184 kW) Eng.BFD	03-	**PA1041**		•		95510601100,95510603300
3.6 (213 kW) Eng.M55.01	08-	**PA1041**		•		95510601100,95510603300
4.5 S (250 kW) Eng.M48.00	02-	**PA1148**				94810601104
4.5 T. (331 kW) Eng.M48.50	02-	**PA1148**				94810601104
4.5 T. S (368 kW) Eng.M48.50S	04-	**PA1148**				94810601104
4.5 T. S (383 kW) Eng.M48.50T	06-	**PA1148**				94810601104
Cayenne II (958) '5/10-						
3.0 D (155 kW) Eng.MCR.CB	10-	**PA1141**				95810603330
3.0 D (180 kW) Eng.MCR.CA	10-	**PA1141**				95810603330
3.0 TDi (176 kW) Eng.M05.9E/MCN.RB	10-	**PA979**				95510603310,95810603320
Cayman I '11/05-						
2.7 (180 kW) Eng.M97.20	06-	**PA1152**				99710601102/ 5
3.4 S (217 kW) Eng.M97.21	05-	**PA1152**				99710601102/ 5
Cayman II '4/13-						
2.7 (202 kW) Eng.MA1.22	13-	**PA1216**				9A110604800/ 1
Panamera I '5/09-						
3.0 D (155 kW) Eng.MCR.CB	11-	**PA1141**				95810603330
3.0 D (184 kW) Eng.MCR.CC	11-	**PA1141**				95810603330
Panamera II '10/13-						
3.0 D (184 kW) Eng.MCR.CC	13-	**PA1141**				95810603330

RENAULT

Avantime (DE0) '9/01-						
2.0 16v T. (88-99-103-120-124 kW) Eng.F4R760/761	01-03	**PA822**		•		77 00 111 675,77 01 472 182
2.2 DCi (110 kW) Eng.G9T702/742/743	02-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
3.0 V6 24v (152 kW) Eng.L7X722	01-03	**PA886**		•		96 41 117 180
Captur '6/13-						
0.9 TCe (66 kW) Eng.H4B400	13-	**PA1065**				21 01 080 30R,210100906R
1.2 TCe (88 kW) Eng.H5F403	13-	**PA1065**				21 01 080 30R,210100906R
1.5 DCi (66 kW) Eng.K9K838	13-	**PA977**		•		77 01 475 995,77 01 478 031
Clio I (B/C57, 5/357) '5/90-'9/98						
1.1 (B/C571) (25-33-35 kW) Eng.C1E700	91-98	**PA550**	•			77 01 462 145/ 491,77 01 463 377/77 01 466 419

PA412

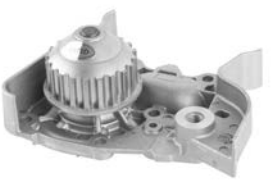
PA529

PA531

PA595

PA597

PA632



PA633

PA981

PA983

KP632-1

KP983-1

		GRAF ref.			NOTE	Adaptable for OES
1.1 (B/C571) (25-33-35 kW) Eng.C1E700	91-98	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.2 (5/357Y, 5/357K) (40-43 kW) Eng.D7F730	96-98	**PA632**		•		77 00 864 596,77 01 041 348,82 00 037 686 82 00 088 660/ 663,82 00 266 947
	1/96-9/98	**KP632-1**		•	Belt:87x17, PA632	77 00 864 596,77 01 041 348 77 01 472 644/ 675,77 01 477 013 77 01 478 924,77 03 002 053,82 00 037 686 82 00 088 660/ 663,82 00 266 947 82 00 397 735,82 00 702 755,86 71 019 520
1.2 (B/C/S572) (44 kW) Eng.E5F710	90-96	**PA412**		•		77 00 736 091,77 01 633 125
1.2 (B/C/S577) (40 kW) Eng.C3G720	1/96-12/96	**PA529**	•			77 01 467 153
	1/96-12/96	**PA597**			+BH	77 01 467 153
1.2 (B/C/S57A/R/S, 5/357F/L/R) (40-43 kW) Eng.E7F700/750/708/706/C3G	90-98	**PA412**		•		77 00 736 091,77 01 633 125
1.4 (B/C57T/Y/J) (55-58-59 kW) Eng.E7J710/711/718/719/754/756/757	91-96	**PA412**		•		77 00 736 091,77 01 633 125
	96-98	**PA633**		•		77 00 866 518,82 00 146 301
1.7 (B/C574) (55-59-64-68 kW) Eng.F2N770	91-93	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (70 kW) Eng.F3P714/758	91-98	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (B/C578) (64-66 kW) Eng.F3P754/755	94-98	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (B/C57C/U) (65 kW) Eng.F3P710/714	91-98	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 16v (C57D) (99-101 kW) Eng.F7P722	91-94	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 Rsi (B/C579) (79 kW) Eng.F3P712	93-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 Rsi (B/C57H) (79-80-81 kW) Eng.F3P758	95-98	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (B/C/57I) (40 kW) Eng.F8Q640/682	97-98	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (B/C/S576/57L) (47-66-68 kW) Eng.F8Q730/732	91-98	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 Williams (B/C57M) (108 kW) Eng.F7R700	94-98	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
Clio II (B/C/B0/1) '9/98-'5/05						
1.0 (40 kW) Eng.CG10DE	00-01	**PA981**		•	+RB	21 01 033 14R,77 01 478 924,82 00 397 735 82 00 702 755
	00-01	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	00-01	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.0 (52 kW)	01-05	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	01-05	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.2 (B/CB0F/A, B/CB1O/K, B/CB2 D/H) (40-43 kW) Eng.D7F710/720/726	1/04-05	**PA981**		•	+RB	21 01 033 14R,77 01 478 924,82 00 397 735 82 00 702 755
	98-12/03	**PA632**		•		77 00 864 596,77 01 041 348,82 00 037 686 82 00 088 660/ 663,82 00 266 947

PA531

PA633

PA724A

PA820

PA821

PA977

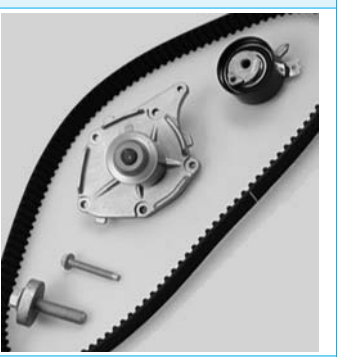
PA983

PA1035

KP632-1

KP724-1

KP821-1



KP977-1

KP983-1

		GRAF ref.			NOTE	Adaptable for OES
1.2 (B/CB0F/A, B/CB1O/K, B/CB2 D/H) (40-43 kW) Eng.D7F710/720/726	3/03-	**KP632-1**		•	Belt:87x17, PA632	77 00 864 596,77 01 041 348 77 01 472 644/ 675,77 01 477 013 77 01 478 924,77 03 002 053,82 00 037 686 82 00 088 660/ 663,82 00 266 947 82 00 397 735,82 00 702 755,86 71 019 520
1.2 16v (B/CB05) (55 kW) Eng.D4F712/714/722/728	01-03	**PA820**		•		82 00 042 880,82 00 238 333,82 00 266 950
	03-05	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	03-05	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.4 (B/CB0C) (55 kW) Eng.E7J780	98-	**PA633**		•		77 00 866 518,82 00 146 301
1.4 16v (B/CB0L) (70 kW) Eng.K4J712/713	99-00	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	10/99-8/00	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.4 16v (B/CB0P) (72 kW) Eng.K4J700/712/713	00-	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	8/00-5/05	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.5 DCi (42 kW) Eng.K9K704	01-06	**PA821**		•		77 01 473 327,77 01 476 496
1.5 DCi (59 kW) Eng.K9K702	01-03	**PA821**		•		77 01 473 327,77 01 476 496
1.5 DCi (74 kW) Eng.K9K712	04-05	**PA977**		•		77 01 475 995,77 01 478 031
	4/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (B/CB07) (48 kW) Eng.K9K700/704	01-	**PA821**		•		77 01 473 327,77 01 476 496
	-3/04	**KP821-1**		•	+screw/vite, Belt:123x27, PA821	77 01 473 120/ 327,77 01 475 115/ 995 77 01 476 496/ 571,77 01 477 012/ 028 77 01 478 031,77 01 774 435,82 00 035 221 86 71 019 519
	4/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (B/CB08) (60 kW) Eng.K9K702/710/722	01-05	**PA821**		•		77 01 473 327,77 01 476 496
	-3/04	**KP821-1**		•	+screw/vite, Belt:123x27, PA821	77 01 473 120/ 327,77 01 475 115/ 995 77 01 476 496/ 571,77 01 477 012/ 028 77 01 478 031,77 01 774 435,82 00 035 221 86 71 019 519
	4/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.6 (B/CB0D) (55-66 kW) Eng.K7M744/745	98-	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298
	9/98-5/05	**KP632-1**		•	Belt:87x17, PA632	77 00 864 596,77 01 041 348 77 01 472 644/ 675,77 01 477 013 77 01 478 924,77 03 002 053,82 00 037 686 82 00 088 660/ 663,82 00 266 947 82 00 397 735,82 00 702 755,86 71 019 520
1.6 16v (CB0T/H) (70-79-83 kW) Eng.K4M708/748	98-	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	9/98-5/05	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.9 D (B/CB0E) (40-44-47 kW) Eng.F8Q606/630/632/662	98-	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DTi (B/CB0U) (59-68-75-77-81-88-96 kW) Eng.F9Q780	00-	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v Sport (132 kW) Eng.F4R736/738	04-05	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

PA531

PA724A

PA886

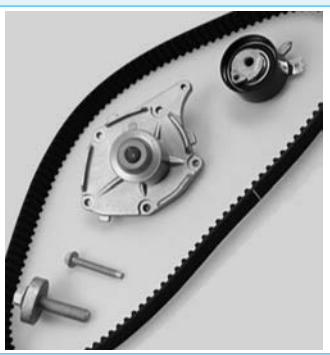
PA977

PA981

PA983

PA1043

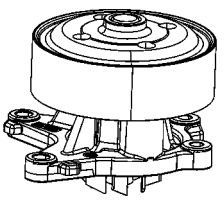
PA1091



KP977-1

KP983-1

		GRAF ref.			NOTE	Adaptable for OES
2.0 16v Sport (CB0M) (88-99-103-120-124 kW) Eng.F4R730	00-	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
3.0 V6 Sport (187 kW) Eng.L7X762	02-05	**PA886**		•		96 41 117 180
3.0 V6 Sport (CB1A) (166 kW) Eng.L7X760	00-02	**PA886**		•		96 41 117 180
						Clio III (BR/CR0/1) '6/05-
1.2 (43 kW) Eng.D7F800	06-	**PA981**		•	+RB	21 01 033 14R,77 01 478 924,82 00 397 735 82 00 702 755
1.2 16v (48 kW) Eng.D4F740	05-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	05-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.2 16v (55 kW) Eng.D4F740	05-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	05-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.2 16v (58 kW) Eng.D4F764	05-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	05-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.2 16v (76 kW) Eng.D4F786	10-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	10-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.2 16v TCE (74 kW) Eng.D4F784	07-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	07-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.4 16v (70-72 kW) Eng.K4J780	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
	10/05-	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
1.5 DCi (47 kW) Eng.K9K740	05-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (48 kW) Eng.K9K752	05-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (50 kW) Eng.K9K768	05-	**PA977**		•		77 01 475 995,77 01 478 031
	6/05-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (55 kW) Eng.K9K770	10-	**PA1091**		•		77 01 478 830
1.5 DCi (60-62 kW) Eng.K9K718/750	07-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (63 kW) Eng.K9K766	05-	**PA977**		•		77 01 475 995,77 01 478 031
	6/05-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (65 kW) Eng.K9K772	10-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (76 kW) Eng.K9K772/776	05-	**PA977**		•		77 01 475 995,77 01 478 031
	6/05-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (78 kW) Eng.K9K764	05-	**PA977**		•		77 01 475 995,77 01 478 031
	6/05-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.6 16v (65 kW) Eng.K4M804	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
	10/05-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297

PA247	**PA724A**	**PA822**	**PA977**
PA983	**PA1043**	**PA1065**	**PA1087**
			
PA1091	**PA1183**	**KP983-1**	

		GRAF ref.			NOTE	Adaptable for OES
1.6 16v (82 kW) Eng.K4M800/801	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
	10/05-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
1.6 16V GT (94 kW) Eng.K4M862	09-	**PA1043**		•	+RB	210105296R,82 00 582 675
2.0 16v (105 kW) Eng.M4R700	06-	**PA1183**				21 01 027 73R
2.0 16v (148 kW) Eng.F4R830	09-	**PA1087**		•	+RB	77 01 479 043
2.0 16v Sport (145 kW) Eng.F4R830	06-	**PA822**		•		77 00 111 675,77 01 472 182
	06-	**PA1087**		•	+RB	77 01 479 043
Clio III, Grandtour (KR0/1) '2/08-						
1.2 16v (55 kW) Eng.D4F740	08-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	08-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.2 16v (58 kW) Eng.D4F764	08-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	08-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.2 16v (74 kW) Eng.D4F784	08-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	08-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.4 (72 kW) Eng.K4J780	10-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.5 DCi (48 kW) Eng.K9K752	10-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (50 kW) Eng.K9K768	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (55 kW) Eng.K9K770	10-	**PA1091**		•		77 01 478 830
1.5 DCi (63 kW) Eng.K9K766	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (65 kW) Eng.K9K772	10-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (76 kW) Eng.K9K772/776	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (78 kW) Eng.K9K764	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.6 16v (82 kW) Eng.K4M800/801	08-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 16v (94 kW) Eng.K4M862	08-	**PA1043**		•	+RB	210105296R,82 00 582 675
2.0 16v Sport (148 kW) Eng.F4R830	08-	**PA1087**		•	+RB	77 01 479 043
Clio IV, Sporter, Grandtour '9/12-						
0.9 TCe (66 kW) Eng.H4B400	12-	**PA1065**				21 01 080 30R,210100906R
1.2 16v (55 kW) Eng.D4F740	12-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	12-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.2 GPL (54 kW) Eng.D4F740	13-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	13-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.2 TCe (88 kW)	13-	**PA1065**				21 01 080 30R,210100906R
1.5 DCi (55 kW) Eng.K9K612	12-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (66 kW) Eng.K9K608	12-	**PA1091**		•		77 01 478 830
Espace I (J11) '7/84-'12/90						
2.0 (J/S112) (74-77-81 kW) Eng.J6R234/236	84-90	**PA247**				77 01 461 405,77 01 463 182
2.0 (J/S112) (74 kW) Eng.J6R734	88-90	**PA247**				77 01 461 405,77 01 463 182
2.0, 4WD (J116) (76-87-88-99-119-129 kW) Eng.J7R760	88-90	**PA247**				77 01 461 405,77 01 463 182
2.1 TD (J/S115) (44-48-53-66 kW) Eng.J8S774/240	84-90	**PA247**				77 01 461 405,77 01 463 182
2.2, 4WD (J117) (67-70-74-76-79-85-89-91-101 kW) Eng.J7T770	86-90	**PA247**				77 01 461 405,77 01 463 182

PA110

PA247

PA282

PA511

PA514

PA531

PA536

PA576

PA653

PA723

PA803

PA822

PA960

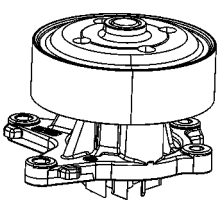
PA977

PA1037

PA1043

PA1087

PA1091



PA1183

KP822-1

		GRAF ref.			NOTE	Adaptable for OES
Espace II (J/S63) '1/91-'10/96						
2.0 (J636) (76-88-99-119-129 kW) Eng.J7R768	91-96	**PA514**				77 01 465 513
2.1 TD (J633, J634, J/S635, J/S63D) (44-48-53-66 kW) Eng.J8S610/772/776/778	91-96	**PA536**				77 01 466 571
2.1 TD (J63E) (44-48-53-66 kW) Eng.J8S612	94-96	**PA536**				77 01 466 571
2.2, 4WD (J/S637, J63G) (79 kW) Eng.J7T772/773/776	91-96	**PA514**				77 01 465 513
Espace III (JE) '11/96-'11/02						
1.9 DTi (JE0M) (60-68-75-77-81-88-96 kW) Eng.F9Q722	2/99-	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (JE0A) (80-84 kW) Eng.F3R728/729/742/768/769	96-00	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v (JE0L, JE0N) (89-103-120-124 kW) Eng.F4R700/701	98-	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.2 DCi (JE0K, JE0S) (85-95 kW) Eng.G9T710	00-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
2.2 DT (JE0E, H, P) (83 kW) Eng.G8T714/716/740/760	96-00	**PA723**		•		77 00 106 101,77 00 107 845,77 00 861 627 82 00 042 514
3.0 V6 24v (JE0G, JE0R) (140 kW) Eng.L7X727	98-	**PA653**		•	Ch -08441	96 37 506 680,96 40 344 280
	98-	**PA960**		•	Ch 08442-	96 35 018 180
Espace IV (JK0) '11/02-						
1.9 DCi (U,G) (60-68-75-77-81-88-96 kW) Eng.F9Q680/820/826	02-	**PA822**		•		77 00 111 675,77 01 472 182
	11/02-	**KP822-1**		•	Eng.F9Q820, Belt:132x26, PA822	77 00 111 675,77 01 472 182/ 185 77 01 473 312,77 01 477 048,77 01 479 043
2.0 (125 kW) Eng.F4R794/796	05-	**PA822**		•		77 00 111 675,77 01 472 182
	05-	**PA1087**		•	+RB	77 01 479 043
2.0 (98 kW) Eng.F4R790	02-05	**PA822**		•		77 00 111 675,77 01 472 182
2.0 (JK0KA6) (100 kW) Eng.F4R791	02-	**PA822**		•		77 00 111 675,77 01 472 182
2.0 DCi (110 kW) Eng.M9R760	06-13	**PA1037**		•		82 00 332 040
2.0 DCi (127 kW) Eng.M9R760	06-13	**PA1037**		•		82 00 332 040
2.0 DCi (96 kW) Eng.M9R740	07-13	**PA1037**		•		82 00 332 040
2.0 T. (BA6,BC6,BAB,BCB) (120 kW) Eng.F4R794/795/797	02-	**PA822**		•		77 00 111 675,77 01 472 182
	05-	**PA1087**		•	+RB	77 01 479 043
2.2 DCi (102 kW) Eng.G9T645	2/06-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
2.2 DCi (HA6,HC6,HAB,HCB) (110 kW) Eng.G9T702/742/743	02-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
Fluence '2/10-						
1.5 DCi (63 kW) Eng.K9K830	10-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (66 kW) Eng.K9K772	10-	**PA1091**		•		77 01 478 830
1.5 DCi (78 kW) Eng.K9K832	10-	**PA1091**		•		77 01 478 830
1.5 DCi (81 kW) Eng.K9K836/837	10-	**PA1091**		•		77 01 478 830
1.6 16v (81-82 kW) Eng.K4M838/839	10-	**PA1043**		•	+RB	210105296R,82 00 582 675
2.0 16v (103 kW) Eng.M4R714/751	10-	**PA1183**				21 01 027 73R
Fuego (136) '2/80-'10/85						
1.4 (1360) (35-43-46 kW) Eng.847720	80-85	**PA110**			Eng -538513	77 01 460 697
	80-85	**PA282**			Eng 538514-	77 01 462 389
1.6 (1361) (52 kW) Eng.A2M723	83-85	**PA511**	•			77 01 460 698,77 01 461 101
	83-85	**PA576**	•			77 01 462 085/ 6
1.6 (1362) (66-68-71 kW) Eng.843723/724/A6M725/726	80-85	**PA511**	•			77 01 460 698,77 01 461 101
	80-85	**PA576**	•			77 01 462 085/ 6
1.6 T. (1365) (97 kW) Eng.A5L750	83-85	**PA511**	•			77 01 460 698,77 01 461 101
	83-85	**PA576**	•			77 01 462 085/ 6
2.0 (1363) (81 kW) Eng.829710/J6R710/712/715/726	80-85	**PA247**				77 01 461 405,77 01 463 182

PA247

PA724A

PA821

PA822

PA907

PA977

PA983

PA1037

PA1043

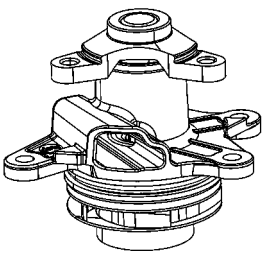
PA1065

PA1087

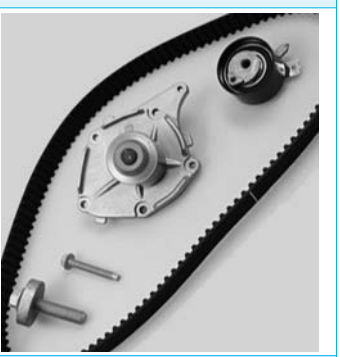
PA1091

PA1095

PA1097



PA1185



KP977-1

KP983-1

		GRAF ref.			NOTE	Adaptable for OES
2.1 TD (1366) (44-48-53-66 kW) Eng.J8S712	82-85	**PA247**				77 01 461 405,77 01 463 182
						Grand Kangoo '9/12-
1.2 TCe (84 kW)	13-	**PA1065**				21 01 080 30R,210100906R
						Grand Modus '6/08-
1.2 16v (55 kW) Eng.D4F740	08-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	08-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.2 16v TCE (74 kW) Eng.D4F784	08-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	08-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.5 DCi (50 kW) Eng.K9K752	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (63 kW) Eng.K9K750	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (76 kW) Eng.K9K772	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (78 kW) Eng.K9K764	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.6 16v (82 kW) Eng.K4M790	08-	**PA1043**		•	+RB	210105296R,82 00 582 675
						Grand Scenic I (JM) '4/04-'10/08
1.5 DCi (60 kW) Eng.K9K722	04-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (74 kW) Eng.K9K729	04-3/05	**PA821**		•		77 01 473 327,77 01 476 496
	4/05-	**PA977**		•		77 01 475 995,77 01 478 031
	4/04-10/08	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (78 kW) Eng.K9K732	07-08	**PA977**		•		77 01 475 995,77 01 478 031
1.6 16v (77 kW) Eng.K4M788	04-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-08	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 16v (83 kW) Eng.K4M761/782	04-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-08	**PA1043**		•	+RB	210105296R,82 00 582 675
1.9 DCi (60-68-75-77-81-88-96 kW) Eng.F9Q812	04-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
1.9 DCi (81 kW) Eng.F9Q804	05-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
1.9 DCi (85 kW)	05-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
1.9 DCi (96 kW) Eng.F9Q804	05-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
2.0 (99 kW) Eng.F4R770/771	04-	**PA822**		•		77 00 111 675,77 01 472 182
	05-	**PA1087**		•	+RB	77 01 479 043
2.0 DCi (110 kW) Eng.M9R700	05-08	**PA1037**		•		82 00 332 040
2.0 T. (120 kW) Eng.F4R776	04-	**PA822**		•		77 00 111 675,77 01 472 182
	05-	**PA1087**		•	+RB	77 01 479 043
						Grand Scenic II (JZ) '11/08-
1.2 Tce (85 kW) Eng.H5F400	12-	**PA1065**				21 01 080 30R,210100906R
1.2 TCe (97 kW) Eng.H5F404	13-	**PA1065**				21 01 080 30R,210100906R
1.4 16v (96 kW) Eng.H4J700	09-	**PA1065**				21 01 080 30R,210100906R
1.5 DCi (63 kW) Eng.K9K830	09-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (70 kW) Eng.K9K846	10-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (78 kW) Eng.K9K832	09-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (81 kW) Eng.K9K836	08-	**PA1091**		•		77 01 478 830
1.6 16v (81 kW) Eng.K4M858/866	09-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 DCi (96 kW) Eng.R9M402/404	11-	**PA1185**				21 01 087 96R
1.9 DCi (96 kW) Eng.F9Q870/872	08-	**PA1095**		•		77 01 478 846
2.0 DCi (110 kW) Eng.M9R615	09-13	**PA1037**		•		82 00 332 040
2.0 DCi (118 kW) Eng.M9R610/615	09-13	**PA1037**		•		82 00 332 040

PA531

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PA820

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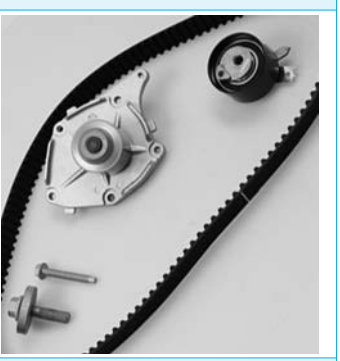
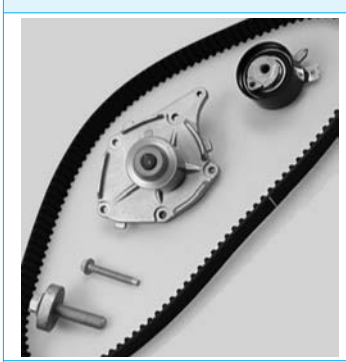


KP821-1



KP977-1

		GRAF ref.			NOTE	Adaptable for OES
Kangoo I (KC0) '3/98-'12/07						
1.2 (KC0A/K/F/1) (43 kW) Eng.D7F710/720/722/726/746	98-	**PA632**		•		77 00 864 596,77 01 041 348,82 00 037 686 82 00 088 660/ 663,82 00 266 947
	3/98-12/07	**KP632-1**		•	Belt:87x17, PA632	77 00 864 596,77 01 041 348 77 01 472 644/ 675,77 01 477 013 77 01 478 924,77 03 002 053,82 00 037 686 82 00 088 660/ 663,82 00 266 947 82 00 397 735,82 00 702 755,86 71 019 520
1.2 16v (KC03/5/6/T/W) (55 kW) Eng.D4F712/714/716	01-	**PA820**		•		82 00 042 880,82 00 238 333,82 00 266 950
1.4 (55 kW) Eng.E7J634/635/780	98-	**PA633**		•		77 00 866 518,82 00 146 301
1.4 (KC0C/H/B/M) (55 kW) Eng.K7J700/701	98-	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298
1.5 DCi (42-45 kW) Eng.K9K710	03-	**PA821**		•		77 01 473 327,77 01 476 496
	-3/04	**KP821-1**		•	+screw/vite, Belt:123x27, PA821	77 01 473 120/ 327,77 01 475 115/ 995 77 01 476 496/ 571,77 01 477 012/ 028 77 01 478 031,77 01 774 435,82 00 035 221 86 71 019 519
	4/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (50 kW) Eng.K9K752	05-	**PA821**		•		77 01 473 327,77 01 476 496
	6/05-12/07	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (62 kW) Eng.K9K718	06-	**PA977**		•		77 01 475 995,77 01 478 031
	6/05-12/07	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (KC07) (48 kW) Eng.K9K700/704	01-	**PA821**		•		77 01 473 327,77 01 476 496
	-3/04	**KP821-1**		•	+screw/vite, Belt:123x27, PA821	77 01 473 120/ 327,77 01 475 115/ 995 77 01 476 496/ 571,77 01 477 012/ 028 77 01 478 031,77 01 774 435,82 00 035 221 86 71 019 519
	4/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (KC08/9) (60 kW) Eng.K9K702/710/722	02-07	**PA821**		•		77 01 473 327,77 01 476 496
	7/02-12/07	**KP821-1**		•	Mod. KC1E, +screw/vite, Belt:123x27, PA821	77 01 473 120/ 327,77 01 475 115/ 995 77 01 476 496/ 571,77 01 477 012/ 028 77 01 478 031,77 01 774 435,82 00 035 221 86 71 019 519
1.6 (66 kW) Eng.K7M746	99-01	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
1.6 16v bivalent (60 kW) Eng.K7M7	05-06	**PA821**		•		77 01 473 327,77 01 476 496
	06-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 16v, 4WD (KC0P/S/L) (70 kW) Eng.K4M750/752/753	01-06	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	06-07	**PA1043**		•	+RB	210105296R,82 00 582 675
	10/01-12/07	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.9 D (KC0D) (40 kW) Eng.F8Q662	98-	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (KC0E/2/J/N) (47 kW) Eng.F8Q630/632	98-	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DCi 4WD (62 kW) Eng.F9Q790	03-	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DCi 4WD (KC0V) (59 kW) Eng.F9Q782/790	01-07	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

PA531

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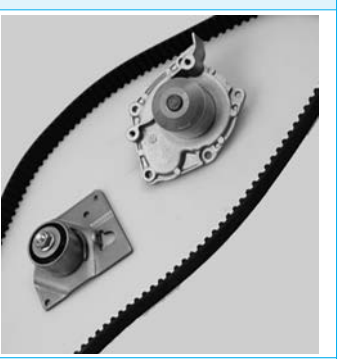


KP822-1

KP1019-1

KP1019-3

		GRAF ref.			NOTE	Adaptable for OES
1.9 DTi (KC0U) (59 kW) Eng.F9Q780	00-	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
Kangoo II (KW0/1) '1/08-						
1.5 DCi (50 kW) Eng.K9K840	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (55 kW) Eng.K9K802	12-	**PA1091**		•		77 01 478 830
1.5 DCi (63 kW) Eng.K9K800/802	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (66 kW) Eng.K9K808	09-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (76 kW) Eng.K9K806	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (78 kW) Eng.K9K764	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (81 kW) Eng.K9K804	12-	**PA1091**		•		77 01 478 830
1.6 (64 kW) Eng.K7M750	08-	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298
1.6 (70 kW) Eng.K4M830	10-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 16v (78 kW) Eng.K4M830	08-	**PA1043**		•	+RB	210105296R,82 00 582 675
Kangoo II Be Bop '2/09-						
1.5 DCi (55 kW) Eng.K9K770	10-	**PA1091**		•		77 01 478 830
1.5 DCi (66 kW) Eng.K9K772	09-	**PA1091**		•		77 01 478 830
1.5 DCi (76 kW) Eng.K9K806	09-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (80 kW) Eng.K9K816	09-	**PA1091**		•		77 01 478 830
1.6 16v (78 kW) Eng.K4M830	09-	**PA1043**		•	+RB	210105296R,82 00 582 675
Koleos '7/08-						
2.0 DCi (110 kW) Eng.M9R832/833	08-13	**PA1037**		•		82 00 332 040
2.0 DCi (127-130 kW) Eng.M9R830	08-13	**PA1037**		•		82 00 332 040
2.0 DCi, 4WD (100 kW) Eng.M9R832	11-13	**PA1037**		•		82 00 332 040
2.5, 4WD (126 kW) Eng.2TR700/703	08-	**PA1070**				-
Laguna I (B56, 556) '11/93-'3/01						
1.6 16v (B568, B561) (79 kW) Eng.K4M720/724	97-01	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	11/97-3/01	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.8 (B560/S/T) (66 kW) Eng.F3P670/678	95-01	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (B56A/B/Z) (66-69-70 kW) Eng.F3P720/724	93-01	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 16v (B563, B564) (88 kW) Eng.F4P760	98-01	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DCi (B56W) (79 kW) Eng.F9Q718	99-01	**PA822**		•		77 00 111 675,77 01 472 182
	9/99-3/01	**KP822-1**		•	Belt:132x26, PA822	77 00 111 675,77 01 472 182/ 185 77 01 473 312,77 01 477 048,77 01 479 043
1.9 DTi (B56J) (72 kW) Eng.F9Q710/716	97-01	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (B56C/H/L/N) (70-80-83 kW) Eng.F3R611/722/723/768	93-01	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v (556A/B) (103 kW) Eng.F4R780	99-01	**PA822**		•		77 00 111 675,77 01 472 182
2.0 16v (B56 D/M) (102-103 kW) Eng.N7Q700/704	95-01	**PA1019**		•		74 38 610 006,74 38 610 035
	1/98-	**KP1019-1**		•	Belt:142x23, PA1019	74 38 610 006/ 035/ 040,77 01 471 520
	-12/97	**KP1019-3**		•	Belt:148x23, PA1019	74 38 610 006/ 035/ 041,77 01 471 519
2.2 D (61 kW) Eng.G8T752/794	96-01	**PA723**		•		77 00 106 101,77 00 107 845,77 00 861 627 82 00 042 514
2.2 D (B56F/2) (61 kW) Eng.G8T706/790	93-01	**PA627**	•			77 00 859 931,77 00 871 801,77 01 467 622
2.2 DT (B569) (83 kW) Eng.G8T714/716/740/760	96-01	**PA723**		•		77 00 106 101,77 00 107 845,77 00 861 627 82 00 042 514
3.0 (B56E/R, B565) (123 kW) Eng.Z7X760/765	93-	**PA822**		•		77 00 111 675,77 01 472 182
3.0 24v (B56V) (140 kW) Eng.L7X700/701	97-01	**PA653**		•	Ch -08441	96 37 506 680,96 40 344 280
	97-01	**PA960**		•	Ch 08442-	96 35 018 180

PA531

PA627

PA653

PA723

PA724A

PA822

PA907

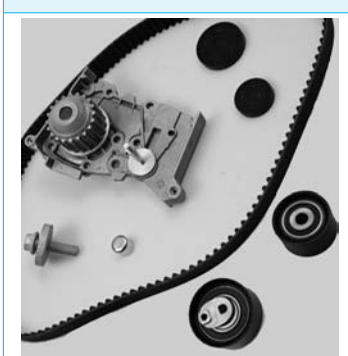
PA960

PA1019

PA1043

PA1087

PA1097



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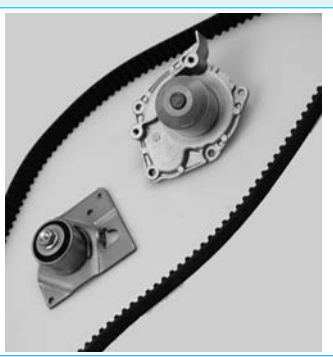
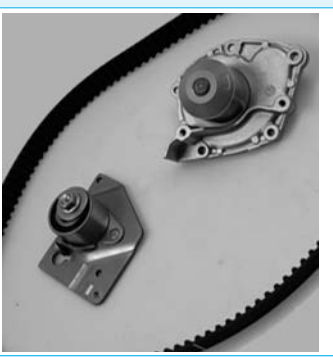


KP822-1



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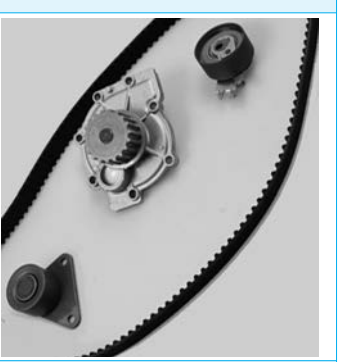
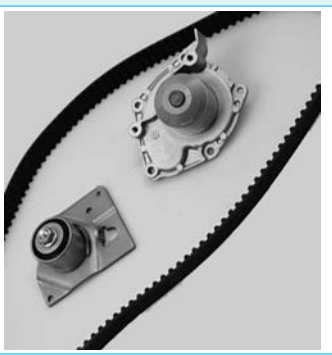
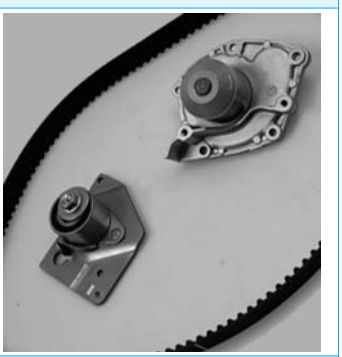


KP1019-1

KP1019-3

		GRAF ref.			NOTE	Adaptable for OES
Laguna I (K56) SW '9/95-'3/01						
1.6 16v (K568) (79 kW) Eng.K4M720/724	97-01	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	11/97-3/01	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.8 (K56S/T/0) (66 kW) Eng.F3P670/678	95-01	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (K56Z) (66-69 kW) Eng.F3P720/724	95-01	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 16v (K563, K564) (88 kW) Eng.F4P760	98-01	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DCi (K56W) (79 kW) Eng.F9Q718	99-01	**PA822**		•		77 00 111 675,77 01 472 182
	9/99-3/01	**KP822-1**		•	Belt:132x26, PA822	77 00 111 675,77 01 472 182/ 185 77 01 473 312,77 01 477 048,77 01 479 043
1.9 DTi (K56J) (72 kW) Eng.F9Q710/716	97-01	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (K56C/H) (80-84 kW) Eng.F3R722/723/768	95-01	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v (A56A/B) (103 kW) Eng.F4R780	99-01	**PA822**		•		77 00 111 675,77 01 472 182
2.0 16v (K56 D/M) (102 kW) Eng.N7Q700/704	95-01	**PA1019**		•		74 38 610 006,74 38 610 035
	1/98-	**KP1019-1**		•	Belt:142x23, PA1019	74 38 610 006/ 035/ 040,77 01 471 520
	-12/97	**KP1019-3**		•	Belt:148x23, PA1019	74 38 610 006/ 035/ 041,77 01 471 519
2.2 D (61 kW) Eng.G8T752/794	96-01	**PA723**		•		77 00 106 101,77 00 107 845,77 00 861 627 82 00 042 514
2.2 D (K56F/2, S56F) (61 kW) Eng.G8T706/790	95-01	**PA627**	•			77 00 859 931,77 00 871 801,77 01 467 622
2.2 DT (K569) (83 kW) Eng.G8T714/716/740/760	96-01	**PA723**		•		77 00 106 101,77 00 107 845,77 00 861 627 82 00 042 514
3.0 24v (K56V) (140 kW) Eng.L7X700/701	97-01	**PA653**		•	Ch -08441	96 37 506 680,96 40 344 280
	97-01	**PA960**		•	Ch 08442-	96 35 018 180
Laguna II (B74) '3/01-'10/07						
1.6 16v (82 kW) Eng.K4M716	05-1/07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-11/07	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 16v (BG0A/L) (70-79 kW) Eng.K4M710/711	01-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-11/07	**PA1043**		•	+RB	210105296R,82 00 582 675
	3/01-10/07	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.8 16v (BG0J) (85-88-89 kW) Eng.F4P770/771/773/774/775	01-	**PA822**		•		77 00 111 675,77 01 472 182
1.9 DCi (68 kW) Eng.F9Q664	04-	**PA822**		•		77 00 111 675,77 01 472 182
	05-07	**PA1087**		•	+RB	77 01 479 043
	04-07	**KP822-2**		•	Belt:133x26, PA822	77 00 111 675,77 01 472 182,77 01 474 443 77 01 477 050,77 01 479 043
1.9 DCi (79-81 kW) Eng.F9Q674/718/754	05-07	**PA822**		•		77 00 111 675,77 01 472 182
	05-07	**PA1087**		•	+RB	77 01 479 043
	05-07	**KP822-2**		•	Belt:133x26, PA822	77 00 111 675,77 01 472 182,77 01 474 443 77 01 477 050,77 01 479 043
1.9 DCi (96 kW) Eng.F9Q758/759	05-07	**PA907**		•		77 01 474 435
	05-07	**PA1097**		•	+RB	77 01 479 114
1.9 DCi (BG0E) (77 kW) Eng.F9Q752	01-07	**PA822**		•		77 00 111 675,77 01 472 182
	05-07	**PA1087**		•	+RB	77 01 479 043
	6/01-10/07	**KP822-1**		•	Belt:132x26, PA822	77 00 111 675,77 01 472 182/ 185 77 01 473 312,77 01 477 048,77 01 479 043
1.9 DCi (BG0G) (88 kW) Eng.F9Q670/750/756	01-07	**PA822**		•		77 00 111 675,77 01 472 182
	01-07	**PA1087**		•	+RB	77 01 479 043
	01-07	**KP822-1**		•	Belt:132x26, PA822	77 00 111 675,77 01 472 182/ 185 77 01 473 312,77 01 477 048,77 01 479 043

PA724A	**PA803**	**PA822**	**PA886**
PA907	**PA1037**	**PA1043**	**PA1087**
			
PA1097	**KP724-1**	**KP822-1**	**KP822-2**

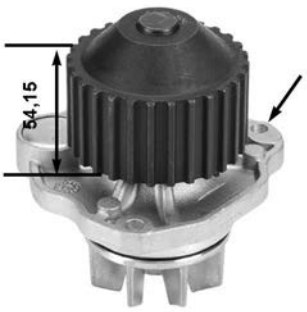
		GRAF ref.			NOTE	Adaptable for OES
1.9 DCi (BG0R) (74 kW) Eng.F9Q752,F9Q754	01-	**PA822**		•		77 00 111 675,77 01 472 182
	05-07	**PA1087**		•	+RB	77 01 479 043
	10/01-10/07	**KP822-1**		•	Belt:132x26, PA822	77 00 111 675,77 01 472 182/ 185 77 01 473 312,77 01 477 048,77 01 479 043
2.0 16v (125 kW) Eng.F4R787	05-	**PA822**		•		77 00 111 675,77 01 472 182
	05-07	**PA1087**		•	+RB	77 01 479 043
2.0 16v (150 kW) Eng.F4R784	05-	**PA822**		•		77 00 111 675,77 01 472 182
	05-07	**PA1087**		•	+RB	77 01 479 043
2.0 16v (98-99 kW) Eng.F4R712/713/714/715	02-07	**PA822**		•		77 00 111 675,77 01 472 182
	05-07	**PA1087**		•	+RB	77 01 479 043
2.0 16v IDE (BG0N/P) (103 kW) Eng.F5R700	01-07	**PA822**		•		77 00 111 675,77 01 472 182
	05-07	**PA1087**		•	+RB	77 01 479 043
2.0 16v T. (120 kW) Eng.F4R764	03-	**PA822**		•		77 00 111 675,77 01 472 182
	05-07	**PA1087**		•	+RB	77 01 479 043
2.0 DCi (110 kW) Eng.M9R740	05-07	**PA1037**		•		82 00 332 040
2.0 DCi (127 kW) Eng.M9R760	06-07	**PA1037**		•		82 00 332 040
2.2 DCi (102 kW) Eng.G9T600	05-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
2.2 DCi (BG0F) (110 kW) Eng.G9T702/742/743	01-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
3.0 V6 24v (BG0D) (152 kW) Eng.L7X731	01-	**PA886**		•		96 41 117 180
Laguna II (K74) SW '3/01-'10/07						
1.6 16v (82 kW) Eng.K4M716	05-1/07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-11/07	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 16v (KG0A/L) (70-79-83 kW) Eng.K4M710/711	01-1/07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-11/07	**PA1043**		•	+RB	210105296R,82 00 582 675
	3/01-10/07	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.8 16v (KG0J) (85-88 kW) Eng.F4P770/771/773/774/775	01-07	**PA822**		•		77 00 111 675,77 01 472 182
1.9 DCi (68 kW) Eng.F9Q664	04-	**PA822**		•		77 00 111 675,77 01 472 182
	05-07	**PA1087**		•	+RB	77 01 479 043
	04-07	**KP822-2**		•	Belt:133x26, PA822	77 00 111 675,77 01 472 182,77 01 474 443 77 01 477 050,77 01 479 043
1.9 DCi (79 kW) Eng.F9Q718/754	01-07	**PA822**		•		77 00 111 675,77 01 472 182
	05-07	**PA1087**		•	+RB	77 01 479 043
	01-07	**KP822-2**		•	Belt:133x26, PA822	77 00 111 675,77 01 472 182,77 01 474 443 77 01 477 050,77 01 479 043
1.9 DCi (81 kW) Eng.F9Q674	05-07	**PA822**		•		77 00 111 675,77 01 472 182
	05-07	**PA1087**		•	+RB	77 01 479 043
	05-07	**KP822-2**		•	Belt:133x26, PA822	77 00 111 675,77 01 472 182,77 01 474 443 77 01 477 050,77 01 479 043
1.9 DCi (92 kW)	05-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
1.9 DCi (96 kW) Eng.F9Q758/759	05-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
1.9 DCi (KG0E) (77 kW) Eng.F9Q752	01-	**PA822**		•		77 00 111 675,77 01 472 182
	05-07	**PA1087**		•	+RB	77 01 479 043
	6/01-10/07	**KP822-1**		•	Belt:132x26, PA822	77 00 111 675,77 01 472 182/ 185 77 01 473 312,77 01 477 048,77 01 479 043
1.9 DCi (KG0G) (88 kW) Eng.F9Q670/750/756	01-	**PA822**		•		77 00 111 675,77 01 472 182
	05-07	**PA1087**		•	+RB	77 01 479 043
	3/01-10/07	**KP822-1**		•	Belt:132x26, PA822	77 00 111 675,77 01 472 182/ 185 77 01 473 312,77 01 477 048,77 01 479 043
1.9 DCi (KG0R) (74 kW) Eng.F9Q754	01-	**PA822**		•		77 00 111 675,77 01 472 182
	05-07	**PA1087**		•	+RB	77 01 479 043
	10/01-10/07	**KP822-1**		•	Belt:132x26, PA822	77 00 111 675,77 01 472 182/ 185 77 01 473 312,77 01 477 048,77 01 479 043
2.0 16v (125 kW) Eng.F4R787	05-	**PA822**		•		77 00 111 675,77 01 472 182
	05-	**PA1087**		•	+RB	77 01 479 043
2.0 16v (150 kW) Eng.F4R784	05-	**PA822**		•		77 00 111 675,77 01 472 182
	05-	**PA1087**		•	+RB	77 01 479 043
2.0 16v (99 kW) Eng.F4R712/713/714/715	02-07	**PA822**		•		77 00 111 675,77 01 472 182

PA633

PA724A

PA803

PA822



PA886

PA977

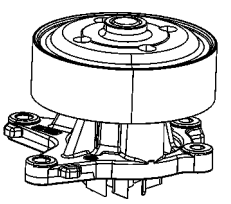
PA1035

PA1037

PA1043

PA1087

PA1091



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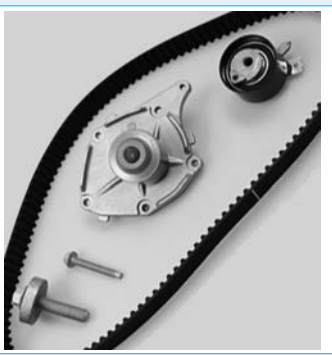
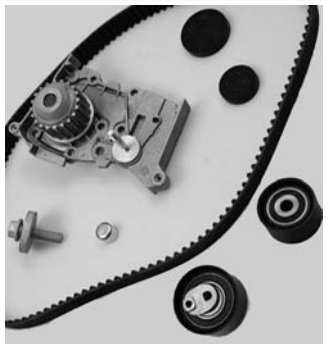
KP724-1

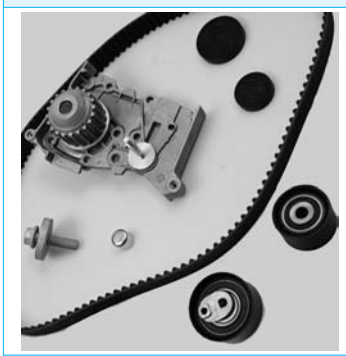


KP977-1

		GRAF ref.			NOTE	Adaptable for OES
2.0 16v (99 kW) Eng.F4R712/713/714/715	02-07	**PA1087**		•	+RB	77 01 479 043
2.0 16v IDE (KG0N/P) (103 kW) Eng.F5R700	01-07	**PA822**		•		77 00 111 675,77 01 472 182
	01-07	**PA1087**		•	+RB	77 01 479 043
2.0 16v T. (120 kW) Eng.F4R764	03-	**PA822**		•		77 00 111 675,77 01 472 182
	05-	**PA1087**		•	+RB	77 01 479 043
2.0 DCi (110 kW) Eng.M9R740	05-07	**PA1037**		•		82 00 332 040
2.0 DCi (127 kW) Eng.M9R760	06-07	**PA1037**		•		82 00 332 040
2.2 DCi (102 kW) Eng.G9T600	05-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
2.2 DCi (KG09) (85 kW) Eng.G9T600	04-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
2.2 DCi (KG0F) (110 kW) Eng.G9T702	01-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
3.0 V6 24v (KG0D) (152 kW) Eng.L7X731	01-	**PA886**		•		96 41 117 180
Laguna III, SW, Coupe '11/07-						
1.5 DCi (81 kW) Eng.K9K780/846	07-	**PA977**		•		77 01 475 995,77 01 478 031
1.6 16v 6Speed (81 kW) Eng.K4M824	11/07-	**PA1043**		•	+RB	210105296R,82 00 582 675
2.0 16v (103 kW) Eng.M4R704	07-	**PA1183**				21 01 027 73R
2.0 DCi (110 kW) Eng.M9R802/805/809	07-13	**PA1037**		•		82 00 332 040
2.0 DCi (127 kW) Eng.M9R800	07-13	**PA1037**		•		82 00 332 040
2.0 DCi (131 kW) Eng.M9R816	08-13	**PA1037**		•		82 00 332 040
2.0 DCi (96 kW) Eng.M9R742/746/802	07-13	**PA1037**		•		82 00 332 040
2.0 T. (125 kW) Eng.F4R811	07-	**PA1087**		•	+RB	77 01 479 043
2.0 T. (150 kW) Eng.F4R800	08-	**PA1087**		•	+RB	77 01 479 043
3.0 DCi (173 kW) Eng.V9XA791/891	08-13	**PA1037**		•		82 00 332 040
3.0 DCi (177 kW) Eng.V9XA891	12-13	**PA1037**		•		82 00 332 040
Latitude (L70) '2/11-						
1.5 DCi (81 kW) Eng.K9K782	11-	**PA1091**		•		77 01 478 830
2.0 16v (103 kW) Eng.M4R746	11-	**PA1183**				21 01 027 73R
2.0 16v eco2 (103 kW) Eng.M4R746	11-	**PA1183**				21 01 027 73R
2.0 DCi (110 kW) Eng.M9R824/846	11-13	**PA1037**		•		82 00 332 040
2.0 DCi (127 kW) Eng.M9R804/817/844	11-13	**PA1037**		•		82 00 332 040
2.0 DCi (130 kW) Eng.M9R	11-13	**PA1037**		•		82 00 332 040
3.0 DCi (177 kW) Eng.V9X891	11-13	**PA1037**		•		82 00 332 040
Logan, SW (LS, KS) '9/04-						
1.4 (55 kW) Eng.K7J710	11/09-	**PA1043**		•	+RB	210105296R,82 00 582 675
	9/04-11/09	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298
1.5 DCi (50 kW) Eng.K9K792	07-	**PA977**		•		77 01 475 995,77 01 478 031
	07-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (63 kW) Eng.K9K796	08-	**PA977**		•		77 01 475 995,77 01 478 031
	08-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.6 (64 kW) Eng.K7M710	11/09-	**PA1043**		•	+RB	210105296R,82 00 582 675
	9/04-11/09	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298
1.6 (77 kW) Eng.K7M690	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 (80 kW) Eng.K4M706	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 (82 kW) Eng.K4M690/697	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
Megane I (BA) '1/96-'11/02						
1.4 16v (BA0D/W,1H/0) (70 kW) Eng.K4J714/750	99-02	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	3/99-11/02	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.4 e (BA0E/V) (55 kW) Eng.E7J626/764	96-02	**PA633**		•		77 00 866 518,82 00 146 301
1.4 Eco (BA0T) (52 kW) Eng.E7J624	96-99	**PA633**		•		77 00 866 518,82 00 146 301
1.6 16v (BA11/04/0B/1J) (64-70-79-83 kW) Eng.K4M700/701/704/708	99-02	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297

			
PA531	**PA724A**	**PA1035**	**KP724-1**

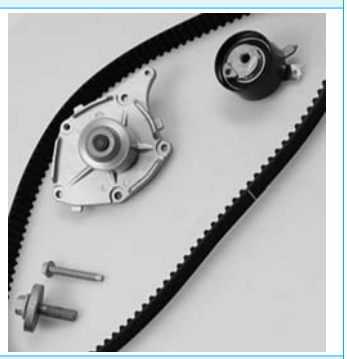
		GRAF ref.			NOTE	Adaptable for OES
1.6 16v (BA11/04/0B/1J) (64-70-79-83 kW) Eng.K4M700/701/704/708	3/99-11/02	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.6 e (BA0F/S) (66 kW) Eng.K7M702/703/790	96-99	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298
1.6 i (BA0L) (55-66 kW) Eng.K7M720	96-99	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298
1.8 16v (BA06, BA12/A/M/R) (85-88 kW) Eng.F4P720/722	01-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (B/SA0U/A) (47 kW) Eng.F8Q620/624	96-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DCi (BA05, BA1F) (75 kW) Eng.F9Q732/733	01-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DT (B/SA0K/Y) (66 kW) Eng.F8Q784/786	96-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DTi (BA08/N) (72 kW) Eng.F9Q730/731/732/733/734/736	97-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DTi (BA1U) (59 kW) Eng.F9Q744	01-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 TDi (69 kW) Eng.F8Q784	96-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (BA0G) (80-83-84-85 kW) Eng.F3R750/751	96-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v (BA0H) (108 kW) Eng.F7R710/714	96-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
Megane I (DA) Coach '3/96-'11/02						
1.4 16v (DA0D/W, DA1H/0) (70 kW) Eng.K4J714/750	99-02	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	3/99-11/02	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.6 16v (DA0B/4, DA11) (79 kW) Eng.K4M700/701/708	99-02	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	3/99-11/02	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.6 e (DA0F) (66 kW) Eng.K7M702/703	96-99	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298
1.9 DCi (DA05, DA1F) (75-77 kW) Eng.F9Q732/733	01-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DTi (DA0N) (72 kW) Eng.F9Q730/731/732/733/734/736	97-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (DA0G) (80-84 kW) Eng.F3R750/751	96-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v (102 kW) Eng.F4R740/741/746	1/02-11/02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v (DA0H) (108 kW) Eng.F7R710/714	96-99	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v IDE (DA03/P, DA14) (103 kW) Eng.F5R740	99-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

PA531	**PA633**	**PA724A**	**PA1035**
			
KP724-1			

		GRAF ref.			NOTE	Adaptable for OES
Megane I (EA0) Cabrio '10/96-'11/02						
1.4 16v (EA0D/W,1H/0) (70 kW) Eng.K4J714/750	3/99-02	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	3/99-11/02	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.6 16v (EA0B/4, EA11) (79 kW) Eng.K4M700/701/708	99-02	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	3/99-11/02	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.6 e (EA0F) (66 kW) Eng.K7M702/703	96-99	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298
2.0 (EA0G) (80 kW) Eng.F3R791/796	99-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (EA0G) (84 kW) Eng.F3R750/751	96-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v (102 kW) Eng.F4R740/741/746	1/02-11/02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v (EA0H) (108 kW) Eng.F7R710/714	96-99	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v IDE (EA03/P, EA14) (103 kW) Eng.F5R740	99-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
Megane I (JA0) Scenic '1/97-'9/99						
1.4 (JA0E) (52-55 kW) Eng.E7J764	97-99	**PA633**		•		77 00 866 518,82 00 146 301
1.6 16v (79 kW) Eng.K4M700/708	97-99	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
1.6 e (JA0F) (66 kW) Eng.K7M702/703	97-99	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298
1.6 i (JA0L) (55 kW) Eng.K7M720	97-99	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298
1.9 D (47 kW) Eng.F8Q788/790	97-99	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DT (JA0K/Y) (66 kW) Eng.F8Q784/786	97-99	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DTi (JA0N) (72 kW) Eng.F9Q730/734	97-99	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (JA0G) (80 kW) Eng.F3R796	1/99-9/99	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (JA0G), 4x4 (84 kW) Eng.F3R750/751	97-99	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
Megane I (KA) SW '3/99-'11/02						
1.4 16v (KA0D/W,1H/0) (70 kW) Eng.K4J714/750	99-02	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	3/99-11/02	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.4 e (KA0V) (55 kW) Eng.E7J626	99-02	**PA633**		•		77 00 866 518,82 00 146 301
1.6 16v (KA0B/4, KA11) (79 kW) Eng.K4M700/701/704/708	99-02	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	3/99-11/02	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.6 e (KA0F) (66 kW) Eng.K7M702/703	99-02	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298

PA531	**PA633**	**PA724A**	**PA822**
PA977	**PA1035**	**PA1043**	**KP724-1**

		GRAF ref.			NOTE	Adaptable for OES
1.8 16v (KA0S, KA12/A/M/R) (85-88 kW) Eng.F4P720/722	01-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (40-44-47 kW) Eng.F8Q606/630/662/790	99-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DCi (KA05, KA1F) (75 kW) Eng.F9Q732/733	01-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DTi (KA0N) (72 kW) Eng.F9Q731/736	99-01	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DTi (KA1U) (59 kW) Eng.F9Q744	01-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
Megane I (LA) Classic '9/96-'11/02						
1.4 16v (LA0D/W,1H/0) (70 kW) Eng.K4J714/750	99-02	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	3/99-11/02	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.4 e (LA0E/V) (52-55 kW) Eng.E7J626/764	96-02	**PA633**		•		77 00 866 518,82 00 146 301
1.6 16v (LA04/B, LA11/C/J) (70-79-83 kW) Eng.K4M700/701/708	99-02	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	3/99-11/02	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.6 e (LA0F/S) (66 kW) Eng.K7M702/703/790	96-99	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298
1.6 i (LA0L) (55 kW) Eng.K7M720	96-99	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298
1.8 16v (LA06, LA12/A/M/R) (85-88 kW) Eng.F4P720/722	01-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (LA0A/U) (47-66-68 kW) Eng.F8Q620/624	96-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DCi (LA05, LA1F) (75 kW) Eng.F9Q732/733/738	01-02	**PA822**		•		77 00 111 675,77 01 472 182
1.9 DT (LA0K/Y) (66 kW) Eng.F8Q784/786	96-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DTi (LA08/N) (72 kW) Eng.F9Q730/731/734/736	97-01	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DTi (LA1U) (59 kW) Eng.F9Q744	01-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 TDi (69 kW) Eng.F8Q784	96-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (LA07/G) (80-83-84-85 kW) Eng.F3R750/751/752	96-02	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
Megane II (BM0, CM0), SW, Coupe '11/02-'10/08						
1.4 16v (BM0B, CM0B) (70-72 kW) Eng.K4J730	02-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
	11/02-10/08	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.4 16v (Exc. SW) (60 kW) Eng.K4J732	03-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.5 DCi (74 kW) Eng.K9K728/729	03-08	**PA977**		•		77 01 475 995,77 01 478 031

PA724A	**PA821**	**PA822**	**PA907**
PA977	**PA1037**	**PA1043**	**PA1065**
			
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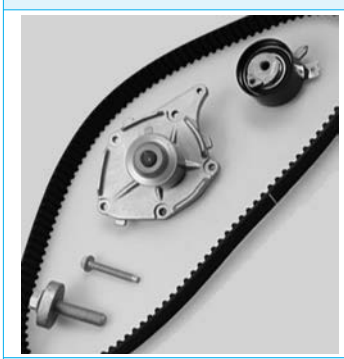
			
KP977-1			

		GRAF ref.			NOTE	Adaptable for OES
1.5 DCi (74 kW) Eng.K9K728/729	-3/04	**KP821-1**		•	+screw/vite, Belt:123x27, PA821	77 01 473 120/ 327,77 01 475 115/ 995 77 01 476 496/ 571,77 01 477 012/ 028 77 01 478 031,77 01 774 435,82 00 035 221 86 71 019 519
	4/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (76 kW) Eng.K9K734	07-08	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (BM0F, CM0F) (60 kW) Eng.K9K702/710/722	02-3/05	**PA821**		•		77 01 473 327,77 01 476 496
	4/05-	**PA977**		•		77 01 475 995,77 01 478 031
	-3/04	**KP821-1**		•	+screw/vite, Belt:123x27, PA821	77 01 473 120/ 327,77 01 475 115/ 995 77 01 476 496/ 571,77 01 477 012/ 028 77 01 478 031,77 01 774 435,82 00 035 221 86 71 019 519
	4/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi, Coupe, Cabrio (63 kW) Eng.K9K724	4/05-	**PA977**		•		77 01 475 995,77 01 478 031
	5/05-10/08	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi, Coupe, Cabrio (78 kW) Eng.K9K764/732	05-08	**PA977**		•		77 01 475 995,77 01 478 031
	5/05-10/08	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.6 (75 kW) Eng.K4M768	03-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 16v (77 kW) Eng.K4M762/788	05-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 16v, Coupe, Cabrio (BM0C, CM0C) (83 kW) Eng.K4M760/761	02-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.9 DCi (66 kW) Eng.F9Q808	02-05	**PA907**		•		77 01 474 435
1.9 DCi (68 kW) Eng.F9Q808	04-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
1.9 DCi (88 kW) Eng.F9Q800	03-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
1.9 DCi, Coupe (85 kW) Eng.F9Q804/816/818	06-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
1.9 DCi, Coupe, Cabrio (81 kW) Eng.F9Q804/818	05-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
1.9 DCi, Coupe, Cabrio (96 kW) Eng.F9Q803/804	05-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
1.9 DCi, Coupe, Cabrio (BM0G, CM0G) (60-75-77-88 kW) Eng.F9Q730/731/734/736/800	02-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
2.0 (102 kW) Eng.F4R770	03-	**PA822**		•		77 00 111 675,77 01 472 182
	05-	**PA1087**		•	+RB	77 01 479 043
2.0 16v T., Coupe, Cabrio (Exc. SW) (120 kW) Eng.F4R776	04-	**PA822**		•		77 00 111 675,77 01 472 182
	05-	**PA1087**		•	+RB	77 01 479 043
2.0 16v, Coupe, Cabrio (BM0U, CM0U) (99 kW) Eng.F4R770/771	02-	**PA822**		•		77 00 111 675,77 01 472 182
	05-	**PA1087**		•	+RB	77 01 479 043
2.0 DCi (127 kW) Eng.M9R724	07-08	**PA1037**		•		82 00 332 040
2.0 DCi, Coupe, Cabrio (110 kW) Eng.M9R700	05-08	**PA1037**		•		82 00 332 040
2.0 Renault Sport (Exc. SW) (165 kW) Eng.F4R774	04-	**PA822**		•		77 00 111 675,77 01 472 182
	05-	**PA1087**		•	+RB	77 01 479 043
2.0 T. Sport F1 Team R26 (169 kW) Eng.F4R714	07-08	**PA1087**		•	+RB	77 01 479 043
Megane III Coupe, Cabrio '11/08-						
1.2 TCe (85 kW) Eng.H5F400	12-	**PA1065**				21 01 080 30R,210100906R
1.2 TCe (97 kW) Eng.H5F404	13-	**PA1065**				21 01 080 30R,210100906R
1.4 (96 kW) Eng.H4J700	09-	**PA1065**				21 01 080 30R,210100906R
1.5 DCi (63 kW) Eng.K9K830	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (66 kW) Eng.K9K834	08-	**PA1091**		•		77 01 478 830
1.5 DCi (78 kW) Eng.K9K832	09-	**PA977**		•		77 01 475 995,77 01 478 031

PA724A

PA820

PA977

PA983

PA1037

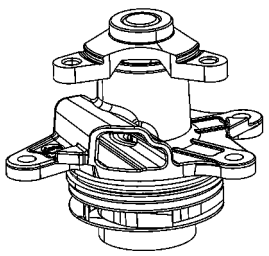
PA1043

PA1065

PA1087

PA1091

PA1095



PA1185

KP724-1

KP983-1

		GRAF ref.			NOTE	Adaptable for OES
1.5 DCi (81 kW) Eng.K9K836	09-	**PA1091**		•		77 01 478 830
1.6 (74 kW) Eng.K4M848	08-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 16v (81 kW) Eng.K4M866	08-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 DCi (96 kW) Eng.R9M402	11-	**PA1185**				21 01 087 96R
1.9 DCi (96 kW) Eng.F9Q870/872	08-	**PA1095**		•		77 01 478 846
2.0 16v (132 kW) Eng.F4R870	08-	**PA1087**		•	+RB	77 01 479 043
2.0 DCi (110 kW) Eng.M9R610	09-13	**PA1037**		•		82 00 332 040
2.0 DCi (118-120 kW) Eng.M9R615	09-13	**PA1037**		•		82 00 332 040
2.0 T (195 kW) Eng.F4R874	12-	**PA1087**		•	+RB	77 01 479 043
2.0 TCe (140 kW) Eng.F4R872	12-	**PA1087**		•	+RB	77 01 479 043
2.0 TCe (184 kW) Eng.F4R874	09-	**PA1087**		•	+RB	77 01 479 043
Megane III, SW '11/08-						
1.2 TCe (85 kW) Eng.H5F400	12-	**PA1065**				21 01 080 30R,210100906R
1.2 TCe (97 kW) Eng.H5F404	13-	**PA1065**				21 01 080 30R,210100906R
1.4 16v (96 kW) Eng.H4J700	09-	**PA1065**				21 01 080 30R,210100906R
1.5 DCi (63 kW) Eng.K9K830	09-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (66 kW) Eng.K9K834	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (78 kW) Eng.K9K832	09-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (81 kW) Eng.K9K836	08-	**PA1091**		•		77 01 478 830
1.6 (74 kW) Eng.K4M848	08-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 16v (77 kW) Eng.K4M	08-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 16v (81-82 kW) Eng.K4M858	08-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 DCi (96 kW) Eng.R9M402/404	11-	**PA1185**				21 01 087 96R
1.6 GPL (81 kW) Eng.K4M866	13-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 TCe (96 kW)	11-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.9 DCi (96 kW) Eng.F9Q870/872	08-	**PA1095**		•		77 01 478 846
2.0 16v (132 kW) Eng.F4R870	09-	**PA1087**		•	+RB	77 01 479 043
2.0 DCi (110 kW) Eng.M9R610	09-12	**PA1037**		•		82 00 332 040
2.0 DCi (118-120 kW) Eng.M9R615	09-12	**PA1037**		•		82 00 332 040
2.0 TCe (140 kW)	12-	**PA1087**		•	+RB	77 01 479 043
2.0 TCe SW (162 kW)	12-	**PA1087**		•	+RB	77 01 479 043
Modus (F/JP0) '12/04-						
1.2 (76 kW) Eng.D4F786	11-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	11-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.2 16v (48 kW) Eng.D4F740	05-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	05-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.2 16v (55 kW) Eng.D4F740	12/04-	**PA820**		•		82 00 042 880,82 00 238 333,82 00 266 950
1.2 16v (58 kW) Eng.D4F764	06-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	06-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.2 16v TCE (74 kW) Eng.D4F784	07-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	07-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.4 16v (72 kW) Eng.K4J770	04-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
	12/04-	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.5 DCi (48 kW) Eng.K9K752	06-	**PA977**		•		77 01 475 995,77 01 478 031

PA531

PA550

PA595

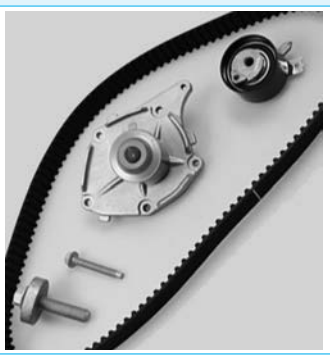
PA724A

PA821

PA977

PA1043

PA1091



KP977-1

		GRAF ref.			NOTE	Adaptable for OES
1.5 DCi (50 kW) Eng.K9K752	12/04-3/05	**PA821**		•		77 01 473 327,77 01 476 496
	4/05-	**PA977**		•		77 01 475 995,77 01 478 031
	12/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (55 kW) Eng.K9K770	10-	**PA1091**		•		77 01 478 830
1.5 DCi (60 kW) Eng.K9K750	05-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (63 kW) Eng.K9K750	12/04-3/05	**PA821**		•		77 01 473 327,77 01 476 496
	4/05-	**PA977**		•		77 01 475 995,77 01 478 031
	12/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (65 kW) Eng.K9K772	10-	**PA1091**		•		77 01 478 830
1.5 DCi (76 kW) Eng.K9K772	06-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (78 kW) Eng.K9K764	05-	**PA977**		•		77 01 475 995,77 01 478 031
	5/05-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.6 (65 kW) Eng.K4M794	04-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 16v (82 kW) Eng.K4M790	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
	12/04-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
						R11 (B/C37) '3/83-'12/90
1.1 (B/C371) (25-33-35 kW) Eng.C1E715/720	83-90	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	83-90	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.2 (B/C37S) (40 kW) Eng.C1G700/710	84-90	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	84-90	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 (B/C372, B/C37C) (35-43-44 kW) Eng.C1J715	83-90	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	83-90	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 (B/C372/373) (43-46-50-53 kW) Eng.C2J717/755	83-90	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	83-90	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 (B/C372/373) (43-46-50-53 kW) Eng.C2J718/757	83-90	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	83-90	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 (B/C37A/C/R) (43-46-50-53 kW) Eng.C2J720/730/766/767/768	83-90	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	83-90	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 T. (B/C375) (77 kW) Eng.C1J760/764	84-86	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	84-86	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 T. (B/C375) (85-88 kW) Eng.C1J770/782	86-90	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	86-90	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.6 D, TD (B/C374) (40 kW) Eng.F8M700/720/730	83-90	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B/C37 D/N) (55-59-64-68 kW) Eng.F2N708/710/732/742/798	87-90	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

PA081

PA110

PA147

PA247

PA282

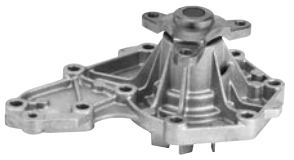
PA511

PA531

PA576

PA581

		GRAF ref.			NOTE	Adaptable for OES
1.7 (B/C376) (55-59-64-68 kW) Eng.F2N700/704	83-90	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B/C37F) (55-66-69-70 kW) Eng.F3N718/708	84-90	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B/C37L) (55-59-64-68 kW) Eng.F2N730	84-90	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
R12 (117) '10/69-'8/80						
1.3 (1170), Break (37 kW) Eng.81002	75-80	**PA081**				77 01 457 416,77 01 459 435,77 01 502 962
	75-80	**PA581**			+BH	77 01 452 155,77 01 457 415,77 01 502 963
1.3 (1170), Break (40 kW) Eng.8100297	69-80	**PA081**				77 01 457 416,77 01 459 435,77 01 502 962
	69-80	**PA581**			+BH	77 01 452 155,77 01 457 415,77 01 502 963
1.3 (1171) Break (33 kW) Eng.810	70-80	**PA081**				77 01 457 416,77 01 459 435,77 01 502 962
	70-80	**PA581**			+BH	77 01 452 155,77 01 457 415,77 01 502 963
1.3 (1330) Break (36-39 kW) Eng.81002	72-80	**PA081**				77 01 457 416,77 01 459 435,77 01 502 962
	72-80	**PA581**			+BH	77 01 452 155,77 01 457 415,77 01 502 963
1.3 TS (1177) (44 kW) Eng.81006	72-80	**PA081**				77 01 457 416,77 01 459 435,77 01 502 962
	72-80	**PA581**			+BH	77 01 452 155,77 01 457 415,77 01 502 963
1.3 TS (1337) Break (44 kW) Eng.81006	72-80	**PA081**				77 01 457 416,77 01 459 435,77 01 502 962
	72-80	**PA581**			+BH	77 01 452 155,77 01 457 415,77 01 502 963
R14 (121) '9/79-'12/83						
1.2 (1210) (42-43 kW) Eng.129	80-83	**PA147**				77 01 459 820
1.4 (1212) (52 kW) Eng.150	79-83	**PA147**				77 01 459 820
1.4 (1213) (44-52 kW) Eng.126/150700/X5J7	81-83	**PA147**				77 01 459 820
R15 '3/72-'10/80						
1.3 (1300) (29-31-32-33-37-40-44-47 kW) Eng.81002	72-80	**PA081**				77 01 457 416,77 01 459 435,77 01 502 962
	72-80	**PA581**			+BH	77 01 452 155,77 01 457 415,77 01 502 963
R18 (134) '4/78-'7/86						
1.4 (1340) (46 kW) Eng.847720/722	78-84	**PA110**			Eng -538513	77 01 460 697
	85-86	**PA282**			Eng 538514-	77 01 462 389
1.4 (1349) (49 kW) Eng.847720/722	78-84	**PA110**			Eng -538513	77 01 460 697
	85-86	**PA282**			Eng 538514-	77 01 462 389
1.6 (1341) (54 kW) Eng.841717	82-86	**PA511**	•			77 01 460 698,77 01 461 101
	82-86	**PA576**	•			77 01 462 085/ 6
1.6 (1341) (58 kW) Eng.841725/726	78-82	**PA511**	•			77 01 460 698,77 01 461 101
	78-82	**PA576**	•			77 01 462 085/ 6
1.6 (1342) (71 kW) Eng.A6M725/726	82-86	**PA511**	•			77 01 460 698,77 01 461 101
	82-86	**PA576**	•			77 01 462 085/ 6
1.6 T. (134,135A) (82 kW) Eng.A7L752	82-86	**PA511**	•			77 01 460 698,77 01 461 101
	82-86	**PA576**	•			77 01 462 085/ 6
1.6 T. (1345) (80 kW) Eng.807727	80-82	**PA511**	•			77 01 460 698,77 01 461 101
	80-82	**PA576**	•			77 01 462 085/ 6
1.6 T. (1345) (92 kW) Eng.A5L717/718	82-86	**PA511**	•			77 01 460 698,77 01 461 101
	82-86	**PA576**	•			77 01 462 085/ 6
2.0 (1343) (74-77-81 kW) Eng.J6R716	82-86	**PA247**				77 01 461 405,77 01 463 182
2.1 D (1344) (43-46-50-53 kW) Eng.852710/J8S711	81-86	**PA247**				77 01 461 405,77 01 463 182
2.1 TD (1346) (65 kW) Eng.J8S712	81-86	**PA247**				77 01 461 405,77 01 463 182
R18 (135) Break '5/79-'12/86						
1.4 (1350) (46 kW) Eng.847720/722	79-84	**PA110**			Eng -538513	77 01 460 697
	85-86	**PA282**			Eng 538514-	77 01 462 389
1.4 (1359) (49 kW) Eng.847720/722	79-84	**PA110**			Eng -538513	77 01 460 697
	85-86	**PA282**			Eng 538514-	77 01 462 389
1.6 (R1352) (71 kW) Eng.A6M725/726	82-86	**PA511**	•			77 01 460 698,77 01 461 101
	82-86	**PA576**	•			77 01 462 085/ 6
1.6 T. (80 kW) Eng.807727	82-86	**PA511**	•			77 01 460 698,77 01 461 101
	82-86	**PA576**	•			77 01 462 085/ 6

			
PA247	**PA412**	**PA511**	**PA531**
PA550	**PA576**	**PA595**	

		GRAF ref.			NOTE	Adaptable for OES
1.6 T. (1355) (92 kW) Eng.A5L717/718	82-86	**PA511**	•			77 01 460 698,77 01 461 101
	82-86	**PA576**	•			77 01 462 085/ 6
1.6, 4WD (1351) (54 kW) Eng.841717/A2M723	82-86	**PA511**	•			77 01 460 698,77 01 461 101
	82-86	**PA576**	•			77 01 462 085/ 6
1.6, 4WD (1351) (58 kW) Eng.841725/726	79-82	**PA511**	•			77 01 460 698,77 01 461 101
	79-82	**PA576**	•			77 01 462 085/ 6
2.0 (1353) (77 kW) Eng.J6R716	81-86	**PA247**				77 01 461 405,77 01 463 182
2.0 Allroad (77 kW) Eng.J6R712/714/716/780	83-86	**PA247**				77 01 461 405,77 01 463 182
2.1 D (1354) (49-53 kW) Eng.852710/J8S711	80-86	**PA247**				77 01 461 405,77 01 463 182
2.1 TD (1356) (65 kW) Eng.J8S712	81-86	**PA247**				77 01 461 405,77 01 463 182
R19 I (B/C53) '1/88-'12/92						
1.2 (B/C530) (40 kW) Eng.C1G730	88-92	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	88-92	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 (B/C532) Kat (43 kW) Eng.C3J710	89-92	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	89-92	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 (B/C53A,G) (59 kW) Eng.E6J700/701	88-92	**PA412**		•		77 00 736 091,77 01 633 125
1.4 (B/C53P) (43-46-50-53 kW) Eng.C2J772	1/89-12/89	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	1/89-12/89	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.7 (B/C53B) (55-66-70 kW) Eng.F3N740/741	88-92	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B/C53C) (55-66-70 kW) Eng.F3N742/743	88-92	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 16v (B/C53D) (99-101 kW) Eng.F7P704	89-92	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (B/C534, B/C53J) (47 kW) Eng.F8Q706/742	88-92	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 TD (C/B53K) (66-68 kW) Eng.F8Q740/756/764	90-92	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
R19 I (D53) Cabrio '9/88-'4/92						
1.7 (D53B) (55-66-70 kW) Eng.F3N740/741	88-92	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (D53F) (55-66-70 kW) Eng.F3N742/743	91-92	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 16v (D53D) (99-101 kW) Eng.F7P704	89-92	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
R19 I (L53) Chamade '1/88-'12/92						
1.4 (L532, L53A/P) (43-44-46-49-50-51-52-53 kW) Eng.C2J710/772	88-92	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	88-92	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.7 (L53B) (55-66-70 kW) Eng.F3N740/741	89-92	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L53C, F) (55-66-70-79 kW) Eng.F3N742/743/746	89-92	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 16v (L539) (99 kW) Eng.F7P704	88-92	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

PA412	**PA531**	**PA550**	**PA595**

		GRAF ref.			NOTE	Adaptable for OES
1.8 16v (L53D) (99-101 kW) Eng.F7P704	89-92	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (L534, L53J) (47 kW) Eng.F8Q706/742	89-92	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 TD (L53K) (66-68 kW) Eng.F8Q740	90-92	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
R19 II (B/C53) '1/92-'6/96						
1.2 (B/C530) (40 kW) Eng.C1G730	92-95	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	92-95	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.2 (B/C53W) (46 kW) Eng.E7F700/706/730	92-95	**PA412**		•		77 00 736 091,77 01 633 125
1.4 (B/C532) (43 kW) Eng.C3J710	92-95	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	92-95	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 (B/C535) (52-55 kW) Eng.E7J742	92-95	**PA412**		•		77 00 736 091,77 01 633 125
1.4 (B/C53A,G) (59 kW) Eng.E6J700/701	92-95	**PA412**		•		77 00 736 091,77 01 633 125
1.7 (B/C533) (68 kW) Eng.F3N742	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B/C53B, C) (55-66-70 kW) Eng.F3N740/741	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B/C53F) (55-66-70 kW) Eng.F3N742/743	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B536/E, B53M) (55-66-70 kW) Eng.F3N740/741	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 16v (B/C539) (99 kW) Eng.F7P704	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (5/853/353A) (65-66-70-80-81 kW) Eng.F3P706/760	92-96	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (5/853/353F, B/C538) (65-66-70-80-81 kW) Eng.F3P682/764/765	94-96	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (B/C538) (65-66-70-80-81 kW) Eng.F3P700	92-94	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (B/C53Y) (65-66-70-80-81 kW) Eng.F3P704/705/706/707/708/760	92-96	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 16v (B/C53D) (99-101 kW) Eng.F7P704	92-96	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (B/C53I/J) (47-66-68 kW) Eng.F8Q742	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DT (B/C53K) (47-66-68 kW) Eng.F8Q744	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DT (B/C53T) (47-66-68 kW) Eng.F8Q744	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
R19 II (D53) Cabrio '4/92-'6/96						
1.7 (D53F) (55-66-70 kW) Eng.F3N742/743	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

PA127

PA412

PA527

PA531

PA550

PA573

PA595

		GRAF ref.			NOTE	Adaptable for OES
1.8 (853A, D53Y) (65-66-70-80-81 kW) Eng.F3P704/705/706/707/708/760	92-96	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (D53C, V) (65-66-70-80-81 kW) Eng.F3P682/764/765	94-96	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 16v (D53D) (99-101 kW) Eng.F7P704	92-96	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
R19 II (L53) Chamade '1/92-'12/95						
1.2 (L530) (40 kW) Eng.C1G730	92-95	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	92-95	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.2 (L53W) (46 kW) Eng.E7F700/706/730	92-95	**PA412**		•		77 00 736 091,77 01 633 125
1.4 (L532/531) (43 kW) Eng.C3J710	92-95	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	92-95	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 (L535) (52-55-57 kW) Eng.E7J742	93-95	**PA412**		•		77 00 736 091,77 01 633 125
1.4 (L53A,G) (59 kW) Eng.E6J700/701	92-95	**PA412**		•		77 00 736 091,77 01 633 125
1.7 (L533) (55-68-70 kW) Eng.F3N742/743	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L53B) (55-66-70 kW) Eng.F3N740/741	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L53C, F) (55-66-70 kW) Eng.F3N742/743	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 16v (L539) (99 kW) Eng.F7P704	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (L453A/F) (65-66-70-80-81 kW) Eng.F3P706/760	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (L538) (65-66-70-80-81 kW) Eng.F3P700	92-94	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (L53V, L538) (65-66-70-80-81 kW) Eng.F3P682/764/765	94-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (L53Y) (65 kW) Eng.F3P704/705/706/707/708/760	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 16v (L53D) (99-101 kW) Eng.F7P704	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (L53J) (47-66-68 kW) Eng.F8Q742	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DT (L53K) (68 kW) Eng.F8Q744	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DT (L53T) (47-66-68 kW) Eng.F8Q744	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
R20 (127) '10/75-'12/83						
2.0 (1272) (59-63-76-80-81 kW) Eng.829700/701	77-80	**PA573**	•		Eng 98101-	77 01 461 006
2.0 (1277) (59-63-76-80-81 kW) Eng.829702/703	80-83	**PA573**	•			77 01 461 006
2.1 D (1276) (43-46-50 kW) Eng.852710	80-83	**PA127**				-
	80-83	**PA527**			+RB	77 01 461 336
2.1 TD (1270) (63 kW) Eng.J8S702	82-83	**PA127**				-
	82-83	**PA527**			+RB	77 01 461 336

PA514	**PA531**	**PA543**	**PA550**
PA573	**PA574**	**PA595**	

		GRAF ref.			NOTE	Adaptable for OES
2.2 (1279) (67-70-74-76-79-85-89-91-101 kW) Eng.851700	80-83	**PA573**	•			77 01 461 006
R21 (B48) '3/86-'6/94						
1.4 (B48D) (43-46-50-53 kW) Eng.C2J770	88-93	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	88-93	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 (B48U) (50 kW) Eng.C2J770	88-93	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	88-93	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.7 (B481,484) (55-59-64-68 kW) Eng.F2N712	86-94	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B482) (55 kW) Eng.F2N712/716	86-94	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B48A,F,P) (54 kW) Eng.F2N750/F3N726	86-94	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B48E) (66-69 kW) Eng.F3N722/723	86-94	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (B48H/I) (47 kW) Eng.F8Q710	89-93	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (B483) (86 kW) Eng.J7R750	86-93	**PA543**	•		Eng -F197763	77 01 464 030,77 01 467 223
	86-93	**PA514**			Eng F197764-	77 01 465 513
2.0 (B48C) (88 kW) Eng.J7R746/747	90-93	**PA514**				77 01 465 513
2.0, 4WD (B48Y/R) (99 kW) Eng.J7R740	89-94	**PA514**				77 01 465 513
2.1 D (B480) (43-46-50-53 kW) Eng.J8S784	92-94	**PA543**	•			77 01 464 030,77 01 467 223
2.1 D (B48V, B48O) (44-48-53-66 kW) Eng.J8S600/740	89-94	**PA543**	•			77 01 464 030,77 01 467 223
2.1 TD (B486/B488/B48V) (65 kW) Eng.J8S714/786/788	86-94	**PA543**	•			77 01 464 030,77 01 467 223
2.2, 4WD (B48K) (79 kW) Eng.J7T754	86-94	**PA543**	•		Eng -F241442	77 01 464 030,77 01 467 223
R21 (K48) Nevada '3/86-'9/95						
1.7 (K481) (55 kW) Eng.F2N712	86-93	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (K482) (65 kW) Eng.F2N710	86-88	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (K48E) (66-69 kW) Eng.F3N722/723	86-93	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (K48F) Kat (54 kW) Eng.F3N726	88-93	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (K48M) (54 kW) Eng.F2N750	86-89	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (K48N) (64 kW) Eng.F2N752	87-89	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (K48H/I) (47 kW) Eng.F8Q710	86-94	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (K483) (85 kW) Eng.J7R750/751	86-88	**PA543**	•		Eng -F197763	77 01 464 030,77 01 467 223
	86-88	**PA514**			Eng F197764-	77 01 465 513
2.0 (K489) (74-77-81 kW) Eng.J6R758/759/792/793	86-88	**PA574**	•			77 01 464 538
2.0 (K48R/Y) (99 kW) Eng.J7R740	90-94	**PA543**	•		Eng -F197763	77 01 464 030,77 01 467 223
	90-94	**PA514**			Eng F197764-	77 01 465 513
2.1 D (K480) (44-48-53-66 kW) Eng.J8S784	92-95	**PA543**	•			77 01 464 030,77 01 467 223
2.1 D (K48V,O) (44-48-53-66 kW) Eng.J8S600/740	89-92	**PA543**	•			77 01 464 030,77 01 467 223
2.1 D, 4WD (K486) (48 kW) Eng.J8S704	86-92	**PA543**	•			77 01 464 030,77 01 467 223
2.1 TD (K488) (65 kW) Eng.J8S788	86-93	**PA543**	•			77 01 464 030,77 01 467 223

PA127

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		GRAF ref.			NOTE	Adaptable for OES
2.1 TD (K48A/P/W, K487) (65 kW) Eng.J8S714/786	86-93	**PA543**	•			77 01 464 030,77 01 467 223
2.2 (K48C) (79 kW) Eng.J7T754/755	86-93	**PA543**	•		Eng -F241442	77 01 464 030,77 01 467 223
	86-93	**PA514**			Eng F241443-	77 01 465 513
2.2, 4WD (K48K) (79 kW) Eng.J7T754/755	86-93	**PA543**	•		Eng -F241442	77 01 464 030,77 01 467 223
	86-93	**PA514**			Eng F241443-	77 01 465 513
R21 (L48) '3/86-'6/94						
1.4 (L48D) (43-46-50-53 kW) Eng.C2J770	88-93	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	88-93	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 (L48U) (50 kW) Eng.C2J770	88-93	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	88-93	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.7 (L481) (55 kW) Eng.F2N712	86-87	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L482) (65 kW) Eng.F2N710	86-93	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L484) (65 kW) Eng.F2N710	86-93	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L48A/P/F) (54 kW) Eng.F2N750/F3N726	86-94	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L48E) (66-69 kW) Eng.F3N722/723	86-94	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L48M/N) (44 kW) Eng.F2N752	87-89	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (L48I/H) (47 kW) Eng.F8Q710	89-93	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (78 kW) Eng.J7R747	91-93	**PA543**	•		Eng -F197763	77 01 464 030,77 01 467 223
	91-93	**PA514**			Eng F197764-	77 01 465 513
2.0 (L483) (85 kW) Eng.J7R750/751	86-88	**PA543**	•		Eng -F197763	77 01 464 030,77 01 467 223
	86-88	**PA514**			Eng F197764-	77 01 465 513
2.0 (L48C) (88 kW) Eng.J7R746/747	86-93	**PA514**				77 01 465 513
2.0 (L48J) (64 kW) Eng.F2R702	86-93	**PA543**	•		Eng -F197763	77 01 464 030,77 01 467 223
	86-93	**PA514**			Eng F197764-	77 01 465 513
2.0 (L48Q) (99 kW) Eng.J7R740	89-94	**PA543**	•		Eng -F197763	77 01 464 030,77 01 467 223
	89-94	**PA514**			Eng F197764-	77 01 465 513
2.0 T. (L485) (129 kW) Eng.J7R752	87-93	**PA574**	•		Eng -F209862	77 01 464 538
	87-93	**PA516**			Eng F209863-	77 01 466 152
2.0 T. (L48L) (119 kW) Eng.J7R756	90-92	**PA516**				77 01 466 152
2.0 T. 4WD (L485) (129 kW) Eng.J7R752	87-93	**PA574**	•		Eng -F209862	77 01 464 538
	87-93	**PA516**			Eng F209863-	77 01 466 152
2.0 T. 4WD (L48L) (119 kW) Eng.J7R756	90-92	**PA516**				77 01 466 152
2.0, 4WD (L48Y/R) (99 kW) Eng.J7R740	89-94	**PA514**				77 01 465 513
2.1 D (L480) (49-51 kW) Eng.J8S784	92-94	**PA543**	•			77 01 464 030,77 01 467 223
2.1 D (L48V/O) (53 kW) Eng.J8S600/740	89-94	**PA543**	•			77 01 464 030,77 01 467 223
2.1 TD (L486) (48 kW) Eng.J8S704	86-89	**PA543**	•			77 01 464 030,77 01 467 223
2.1 TD (L48A/W, L487, L488) (65 kW) Eng.J8S714/786/788	86-94	**PA543**	•			77 01 464 030,77 01 467 223
2.2, 4WD (L48K) (79-81 kW) Eng.J7T754/755	86-94	**PA543**	•		Eng -F241442	77 01 464 030,77 01 467 223
R25 (B29) '4/84-'12/93						
2.0 (B292/294) (76-88-99-100-103-119-129 kW) Eng.J7R726	88-93	**PA514**				77 01 465 513
2.0 (B297, B29J) (74-77-81 kW) Eng.J6R706/707/760/762/763	84-92	**PA573**	•		Eng -F308131	77 01 461 006
	84-92	**PA516**			Eng F308132-	77 01 466 152
2.0 (B29H) (76-88-99-103-119 kW) Eng.J7R720/721/726	87-93	**PA573**	•		Eng -F241852	77 01 461 006
	87-93	**PA514**			Eng F241853-	77 01 465 513
2.1 D (44-48-53 kW) Eng.J8S736	84-89	**PA515**				77 01 465 122
2.1 D (B296) (44-48-53 kW) Eng.J8S706	84-89	**PA127**				-

PA047

PA127

PA140

PA142

PA245

PA301

PA353

PA513

PA514

PA527

PA547

PA550

PA573

PA595

		GRAF ref.			NOTE	Adaptable for OES
2.1 D (B296) (44-48-53 kW) Eng.J8S706	84-89	**PA527**			+RB	77 01 461 336
2.1 TD (B290/ B29W) (63 kW) Eng.J8S708	84-92	**PA301**			Eng -397289	77 01 463 637
	84-92	**PA513**			Eng 397290-	77 01 465 643
2.2 (B29B) (67-70-74-76-79-85-89-91-101 kW) Eng.J7T708/732/733	86-92	**PA573**	•		Eng -F259468	77 01 461 006
	86-92	**PA514**			Eng F259469-	77 01 465 513
2.2 (B29E) (67-70-74-76-79-85-89-91-101 kW) Eng.J7T706/707/714/715	84-89	**PA573**	•			77 01 461 006
2.2 (B29E) (67-70-74-76-79-85-89-91-101 kW) Eng.J7T730/731	84-89	**PA573**	•		Eng -F259571	77 01 461 006
	84-89	**PA514**			Eng F259572-	77 01 465 513
R30 (127) '2/75-'3/86						
2.1 TD (1270) (44-48-53-66 kW) Eng.J8S702	82-86	**PA127**				-
	82-86	**PA527**			+RB	77 01 461 336
R4 (112) '10/62-'6/93						
0.8 (1120) (20 kW) Eng.839	81-82	**PA047**				77 01 452 782,77 01 457 595/ 771
	81-82	**PA547**				77 01 461 173,77 01 467 546
0.8 (1123) (21 kW) Eng.800705/81302/B1B707	62-88	**PA047**				77 01 452 782,77 01 457 595/ 771
	62-88	**PA547**				77 01 461 173,77 01 467 546
0.8 (1124) (21 kW) Eng.B1B705/707	83-88	**PA047**				77 01 452 782,77 01 457 595/ 771
	83-88	**PA547**				77 01 461 173,77 01 467 546
0.8 (1126) (21 kW) Eng.B1B705/707	76-82	**PA047**				77 01 452 782,77 01 457 595/ 771
	76-82	**PA547**				77 01 461 173,77 01 467 546
0.8 (1129) (21 kW) Eng.B1B705/707	76-82	**PA047**				77 01 452 782,77 01 457 595/ 771
	76-82	**PA547**				77 01 461 173,77 01 467 546
0.95 (112C) (25-30-31-32-33 kW) Eng.C1C708	87-93	**PA353**				77 01 463 014,77 01 467 915
1.1 (1128) (25-33-35 kW) Eng.688712/C1E714/719	78-90	**PA142**				77 01 457 671,77 01 505 397
	78-90	**PA353**			Switzerland, Sweden, Germany	77 01 463 014,77 01 467 915
R5 '7/71-'12/85						
0.8 (1220) (19-21-25-26-27 kW) Eng.800710	72-84	**PA140**				77 01 457 451,77 01 461 174,77 01 508 975
0.8 (1221) (27 kW) Eng.800710	82-84	**PA140**				77 01 457 451,77 01 461 174,77 01 508 975
0.8 (1391) (27 kW) Eng.800710	82-84	**PA140**				77 01 457 451,77 01 461 174,77 01 508 975
0.95 (1222) (25-30-31-32-33 kW) Eng.689710	72-85	**PA142**				77 01 457 671,77 01 505 397
0.95 (1392) (25-30-31-32-33 kW) Eng.689710	72-85	**PA142**				77 01 457 671,77 01 505 397
1.1 (1226/1227) (25-30-31-32-33 kW) Eng.688713/C1E726	80-85	**PA142**				77 01 457 671,77 01 505 397
1.1 (1397) (25-33-35 kW) Eng.688713/C1E726	80-85	**PA142**				77 01 457 671,77 01 505 397
1.3 (1224) (29-31-32-33-37-40-44-47 kW) Eng.810725	75-84	**PA142**				77 01 457 671,77 01 505 397
1.3 (1225), Autom. (29-31-32-33-37-40-44-47 kW) Eng.810719/726/729	78-79	**PA142**				77 01 457 671,77 01 505 397
1.3 (1394) (29-31-32-33-37-40-44-47 kW) Eng.810725	75-84	**PA142**				77 01 457 671,77 01 505 397
1.3 (1395/1396), Autom. (33 kW) Eng.810719/729	76-79	**PA245**			A/T	77 01 460 696
	80-84	**PA142**				77 01 457 671,77 01 505 397
1.4 (1229) (35-43-46 kW) Eng.847725/C2J713	82-85	**PA245**			Eng. 84712, A/T	77 01 460 696
	82-85	**PA142**			Eng. C2J13, A/T	77 01 457 671,77 01 505 397
1.4 (1399) (43-46-50-53 kW) Eng.847725/C2J713	82-85	**PA245**			Eng. 84712, A/T	77 01 460 696
	82-85	**PA142**			Eng. C2J13, A/T	77 01 457 671,77 01 505 397
1.4 Alpine (1223) (68 kW) Eng.840725	77-81	**PA142**				77 01 457 671,77 01 505 397
1.4 Alpine T. (122B) (79-81 kW) Eng.840726/C6J750	81-85	**PA142**				77 01 457 671,77 01 505 397
1.4 T. (8220) (118 kW) Eng.840730	6/80-1/85	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
R6 '10/69-'4/87						
0.8 (1180) (19-21-25-26-27 kW) Eng.B1B800	69-80	**PA047**				77 01 452 782,77 01 457 595/ 771
	69-80	**PA547**				77 01 461 173,77 01 467 546
1.1 (1181) (25-32-33-35 kW) Eng.688711/712/713	70-87	**PA142**				77 01 457 671,77 01 505 397
R9 (L42) '9/81-'12/89						
1.1 (L421) (25-33-35 kW) Eng.C1E715/720	81-87	**PA550**	•			77 01 462 145/ 491,77 01 463 377/77 01 466 419
	81-87	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377/77 01 466 419
1.2 (L42S) (40 kW) Eng.C1G700/710	85-88	**PA550**	•			77 01 462 145/ 491,77 01 463 377/77 01 466 419
	85-88	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377/77 01 466 419

PA503

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PA532

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PA550

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PA724A

PA960

PA1019

KP1019-1

KP1019-3

		GRAF ref.			NOTE	Adaptable for OES
1.4 (L422/L42C) (44 kW) Eng.C1J715/792/796/C2J730	81-88	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	81-88	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 (L423) (43-46-50-53 kW) Eng.C2J718/757	81-85	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	81-85	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 (L423, L42R) (49-53 kW) Eng.C2J717/720/755/766/767/768	81-88	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	81-88	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 T. (77-85-88 kW) Eng.C1J760/764	86-89	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	86-89	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 T. (L425) (77-85-88 kW) Eng.C1J760/764	84-86	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	84-86	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.6 D, TD (L424) (40 kW) Eng.F8M700/720/730	82-88	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L426) (55-59-64-68 kW) Eng.F2N700/704	84-88	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L42E) (55-66-70 kW) Eng.F3N708	87-88	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L42F) (55-66-70 kW) Eng.F3N718	86-88	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L42L) (55-59-64-68 kW) Eng.F2N730	86-88	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L42N) (55-59-64-68 kW) Eng.F2N708/710/798	86-88	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
Safrane I (B54) '4/92-'7/96						
2.0 (B540) (76-88-99-119-129 kW) Eng.J7R732/733	92-96	**PA532**				77 01 466 788/ 778/ 779
2.0 (B542, B54E) (97 kW) Eng.J7R734/735	92-96	**PA532**				77 01 466 788/ 778/ 779
2.1 TD (B546) (65 kW) Eng.J8S760	93-96	**PA533**			Eng -920501	
	93-96	**PA534**			Eng 920502-	
2.2 (B541) (79 kW) Eng.J7T762	92-96	**PA532**				77 01 466 788/ 778/ 779
2.2 (B543) (101 kW) Eng.J7T760/761	92-96	**PA532**				77 01 466 788/ 778/ 779
2.5 DT (B548) (83 kW) Eng.S8U762/763	92-96	**PA503**				77 01 467 278
3.0 V6, 4WD (B54B, B544) (123 kW) Eng.Z7X721/722/723	92-96	**PA636**	•			77 01 466 850,77 01 468 802
Safrane II (B54) '7/96-'12/00						
2.0 16v (B54L) (100-102 kW) Eng.N7Q710/711	96-00	**PA1019**		•		74 38 610 006,74 38 610 035
	1/98-	**KP1019-1**		•	Belt:142x23, PA1019	74 38 610 006/ 035/ 040,77 01 471 520
	-12/97	**KP1019-3**		•	Belt:148x23, PA1019	74 38 610 006/ 035/ 041,77 01 471 519
2.2 DT (B54G) (83 kW) Eng.G8T714/716/740/760	96-00	**PA723**		•		77 00 106 101,77 00 107 845,77 00 861 627 82 00 042 514
2.5 20v (B54F) (121 kW) Eng.N7U700/701	96-00	**PA1019**		•		74 38 610 006,74 38 610 035
	1/98-	**KP1019-1**		•	Belt:142x23, PA1019	74 38 610 006/ 035/ 040,77 01 471 520
	-12/97	**KP1019-3**		•	Belt:148x23, PA1019	74 38 610 006/ 035/ 041,77 01 471 519
2.9 24v (B54N) (140 kW) Eng.L7X713	99-00	**PA653**		•	Ch -08441	96 37 506 680,96 40 344 280
	99-00	**PA960**		•	Ch 08442-	96 35 018 180
3.0 V6 (123 kW) Eng.Z7X721/722/723	96-00	**PA636**	•			77 01 466 850,77 01 468 802
Scenic I (JA) '9/99-'6/03						
1.4 16v (JA0 D/W, JA1H/0) (70-72 kW) Eng.K4J714/750	9/99-03	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297

PA531

PA724A

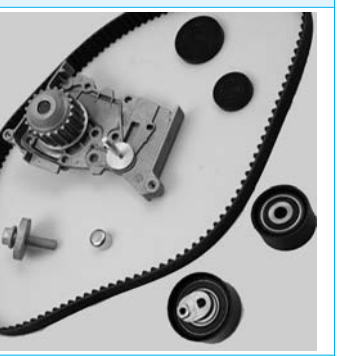
PA821

PA822

PA977

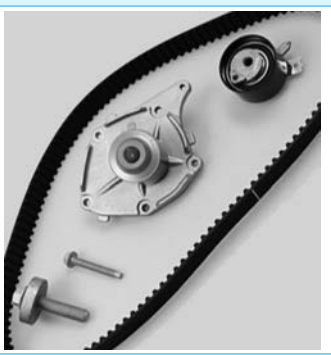
PA1035

PA1043



KP724-1

KP821-1



KP977-1

		GRAF ref.			NOTE	Adaptable for OES
1.4 16v (JA0 D/W, JA1H/0) (70-72 kW) Eng.K4J714/750	9/99-6/03	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.6 16v (JA0B/4, JA11) (75-79 kW) Eng.K4M700/701/704/708/709	9/99-03	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	9/99-6/03	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.6 e (JA0F) (66 kW) Eng.K7M702/703	99-03	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298
1.6 i (JA0L) (55 kW) Eng.K7M720	99-03	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298
1.8 16v (JA12/R/M/A) (85-88 kW) Eng.F4P720/722	1/01-03	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DCi (JA05, JA1F) (75 kW) Eng.F9Q732/733	00-03	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DCi RX4 (74-75 kW) Eng.F9Q740	00-03	**PA822**		•		77 00 111 675,77 01 472 182
1.9 DTi (JA0N) (72 kW) Eng.F9Q731/734/736	99-03	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DTi (JA1U) (59 kW) Eng.F9Q744	01-03	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v (JA1B/D) (102-103 kW) Eng.F4R740/741	00-03	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v IDE (103 kW) Eng.F5R740	99-03	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v RX4 (102 kW) Eng.F4R744	00-03	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
						Scenic II (JM) '6/03-'5/09
1.4 16v (72 kW) Eng.K4J730	03-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.5 DCi (60 kW) Eng.K9K702/710/722	03-3/05	**PA821**		•		77 01 473 327,77 01 476 496
	4/05-	**PA977**		•		77 01 475 995,77 01 478 031
	-3/04	**KP821-1**		•	+screw/vite, Belt:123x27, PA821	77 01 473 120/ 327,77 01 475 115/ 995 77 01 476 496/ 571,77 01 477 012/ 028 77 01 478 031,77 01 774 435,82 00 035 221 86 71 019 519
	4/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (63 kW) Eng.K9K722	05-	**PA977**		•		77 01 475 995,77 01 478 031
	5/05-5/09	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (74 kW) Eng.K9K728	03-05	**PA821**		•		77 01 473 327,77 01 476 496
	4/05-	**PA977**		•		77 01 475 995,77 01 478 031
	-3/04	**KP821-1**		•	+screw/vite, Belt:123x27, PA821	77 01 473 120/ 327,77 01 475 115/ 995 77 01 476 496/ 571,77 01 477 012/ 028 77 01 478 031,77 01 774 435,82 00 035 221 86 71 019 519
	-4/04	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (76 kW) Eng.K9K734	07-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (78 kW) Eng.K9K732/764	05-	**PA977**		•		77 01 475 995,77 01 478 031
	5/05-5/09	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.6 (77 kW) Eng.K4M788	06-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297

PA530

PA531

PA550

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PA595

PA724A

PA822

PA907

PA977

PA1037

PA1043

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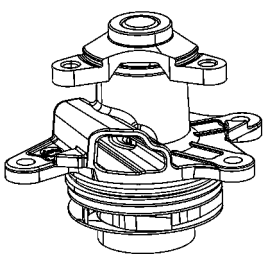
PA1095

PA1097



PA1185

		GRAF ref.			NOTE	Adaptable for OES
1.6 (77 kW) Eng.K4M788	06-09	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 16v (82 kW) Eng.K4M766	1/07-11/07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	11/07-09	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 16v (83 kW) Eng.K4M761/782	03-07	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.9 DCi (81 kW) Eng.F9Q800	05-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
1.9 DCi (85 kW) Eng.F9Q803	06-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
1.9 DCi (88 kW) Eng.F9Q812	03-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
1.9 DCi (92 kW) Eng.F9Q804	02-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
1.9 DCi (96 kW) Eng.F9Q804	07-	**PA907**		•		77 01 474 435
	07-	**PA1097**		•	+RB	77 01 479 114
2.0 (99-101 kW) Eng.F4R770/771	03-	**PA822**		•		77 00 111 675,77 01 472 182
	05-	**PA1087**		•	+RB	77 01 479 043
2.0 16v T. (120 kW) Eng.F4R776	04-	**PA822**		•		77 00 111 675,77 01 472 182
	05-	**PA1087**		•	+RB	77 01 479 043
2.0 DCi (110 kW) Eng.M9R700	05-09	**PA1037**		•		82 00 332 040
Scenic III (JZ) '2/09-						
1.2 TCE (85 kW) Eng.H5F400	12-	**PA1065**				21 01 080 30R,210100906R
1.2 TCe (97 kW) Eng.H5F404	13-	**PA1065**				21 01 080 30R,210100906R
1.4 16v (96 kW) Eng.HJ4700	09-	**PA1065**				21 01 080 30R,210100906R
1.5 DCi (63 kW) Eng.K9K830	09-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (70 kW) Eng.K9K846	10-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (78 kW) Eng.K9K832	09-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (81 kW) Eng.K9K836	09-	**PA1091**		•		77 01 478 830
1.6 16v (81 kW) Eng.K4M858/866	09-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.6 DCi (96 kW) Eng.R9M402/404	11-	**PA1185**				21 01 087 96R
1.6 GPL (81 kW) Eng.K4M866	12-	**PA1043**		•	+RB	210105296R,82 00 582 675
1.9 DCi (96 kW) Eng.F9Q870/872	09-	**PA1095**		•		77 01 478 846
2.0 DCi (110 kW) Eng.M9R615	09-12	**PA1037**		•		82 00 332 040
2.0 DCi (118 kW) Eng.M9R610	09-12	**PA1037**		•		82 00 332 040
Sport Spider (EF0) '3/95-'10/99						
2.0 16v (110 kW) Eng.F7R7710/712/720	95-99	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
Super 5 (B/C40) '10/84-'12/96						
0.95 (B/C/400) (30 kW) Eng.C1C700	84-88	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	84-88	**PA530**	•		+Air	77 01 464 054,77 01 466 420
	84-88	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	84-88	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420
1.1 (B/C/401) (25-33-35 kW) Eng.C1E750/752/754	84-88	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	84-88	**PA530**	•		+Air	77 01 464 054,77 01 466 420
	84-88	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	84-88	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420
1.1 (B/C/401/H) (34-35 kW) Eng.C1E750/752/756/760	86-95	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	86-95	**PA530**	•		+Air	77 01 464 054,77 01 466 420
	86-95	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	86-95	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420
1.2 (B/C40F) (40 kW) Eng.C1G702/720/722	87-90	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	87-90	**PA530**	•		+Air	77 01 464 054,77 01 466 420

PA530

PA531

PA550

PA594

PA595

PA724A

PA821

PA983

PA1043

KP724-1

KP821-1

KP983-1

KIT595

		GRAF ref.			NOTE	Adaptable for OES
1.2 (B/C40F) (40 kW) Eng.C1G702/720/722	87-90	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	87-90	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420
1.4 (B/C402/407), Kat (35-43-44 kW) Eng.C1J/C3J700/702/760/768/780	84-88	**PA550**	•		+KIT595	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	84-88	**PA530**	•		+KIT595, +Air	77 01 464 054,77 01 466 420
	84-88	**KIT595**				-
	84-88	**PA595**			+KIT595, +BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	84-88	**PA594**			+KIT595, +BH, +Air	77 01 464 054,77 01 466 420
1.4 (B/C403) (43-46-50-53 kW) Eng.C2J700/780/781/788/798	84-89	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	84-89	**PA530**	•		+Air	77 01 464 054,77 01 466 420
	84-89	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	84-89	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420
1.4 (B/C40J) (43-46-50-53 kW) Eng.C2J782	87-89	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	87-89	**PA530**	•		+Air	77 01 464 054,77 01 466 420
	87-89	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	87-89	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420
1.4 (B/C40M) (43-46-50-53 kW) Eng.C2J784	87-90	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	87-90	**PA530**	•		+Air	77 01 464 054,77 01 466 420
	87-90	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	87-90	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420
1.4 T. (C405) (77-85-88 kW) Eng.C1J782/784/788	85-90	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	85-90	**PA530**	•		+Air	77 01 464 054,77 01 466 420
	85-90	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	85-90	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420
1.6 D (B/C/404) (40 kW) Eng.F8M720/730	85-96	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B/C408) (54 kW) Eng.F3N716/717	86-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B/C40K/G) (64-66 kW) Eng.F2N740/742	87-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (C409) (69 kW) Eng.F3N702/722	86-91	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
						Thalia '2/98-
1.2 16v (55 kW) Eng.D4F722/728/712	02-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	02-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.4 16v (72 kW) Eng.K4J712/713	00-	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
	8/00-	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.5 DCi (48 kW) Eng.K9K700/704	02-	**PA821**		•		77 01 473 327,77 01 476 496
	-3/04	**KP821-1**		•	+screw/vite, Belt:123x27, PA821	77 01 473 120/ 327,77 01 475 115/ 995 77 01 476 496/ 571,77 01 477 012/ 028 77 01 478 031,77 01 774 435,82 00 035 221 86 71 019 519

PA529

PA597

PA632

PA721

PA722

PA724A

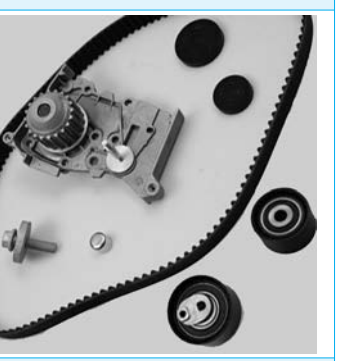
PA820

PA983

PA1043

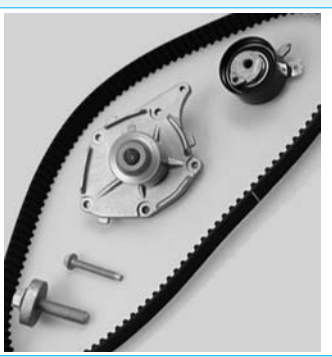
PA1075

KP632-1



KP724-1

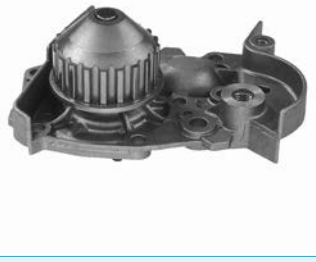
KP821-1



KP977-1

KP983-1

		GRAF ref.			NOTE	Adaptable for OES
1.5 DCi (48 kW) Eng.K9K700/704	4/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (50 kW) Eng.K9K752	-3/04	**KP821-1**		•	+screw/vite, Belt:123x27, PA821	77 01 473 120/ 327,77 01 475 115/ 995 77 01 476 496/ 571,77 01 477 012/ 028 77 01 478 031,77 01 774 435,82 00 035 221 86 71 019 519
	4/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (60 kW) Eng.K9K702/710/722	-3/04	**KP821-1**		•	+screw/vite, Belt:123x27, PA821	77 01 473 120/ 327,77 01 475 115/ 995 77 01 476 496/ 571,77 01 477 012/ 028 77 01 478 031,77 01 774 435,82 00 035 221 86 71 019 519
	4/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.6 16v (79 kW) Eng.K4M740	02-	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
	4/02-	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
Twingo I (C06) '3/93-'6/07						
1.2 (C063/64) (40 kW) Eng.C3G700/702	93-96	**PA529**	•			77 01 467 153
	93-96	**PA722**	•		+Air	77 01 467 642
	93-96	**PA597**			+BH	77 01 467 153
	93-96	**PA721**			+BH, +Air	77 01 467 642
1.2 (C066/68) (43-44 kW) Eng.D7F702/703/704	96-	**PA632**		•		77 00 864 596,77 01 041 348,82 00 037 686 82 00 088 660/ 663,82 00 266 947
	5/96-6/07	**KP632-1**		•	Belt:87x17, PA632	77 00 864 596,77 01 041 348 77 01 472 644/ 675,77 01 477 013 77 01 478 924,77 03 002 053,82 00 037 686 82 00 088 660/ 663,82 00 266 947 82 00 397 735,82 00 702 755,86 71 019 520
1.2 (C067) (40 kW) Eng.D7F700/701	96-	**PA632**		•		77 00 864 596,77 01 041 348,82 00 037 686 82 00 088 660/ 663,82 00 266 947
	5/96-6/07	**KP632-1**		•	Belt:87x17, PA632	77 00 864 596,77 01 041 348 77 01 472 644/ 675,77 01 477 013 77 01 478 924,77 03 002 053,82 00 037 686 82 00 088 660/ 663,82 00 266 947 82 00 397 735,82 00 702 755,86 71 019 520
1.2 16v (44 kW) Eng.D4F708	04-07	**PA820**		•		82 00 042 880,82 00 238 333,82 00 266 950
1.2 16v (C06C/ D/K) (55 kW) Eng.D4F702/704	01-	**PA820**		•		82 00 042 880,82 00 238 333,82 00 266 950
Twingo II (CN0) '7/07-						
1.2 (43 kW) Eng.D7F800	07-	**PA1075**		•		210109189R,77 01 478 925,82 00 702 762
1.2 16v (55 kW) Eng.D4F722/772	09-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	09-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.2 16v (56 kW) Eng.D4F772	7/08-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	7/08-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.2 16v TCE (74 kW) Eng.D4F780	07-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	07-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394



PA412

PA531

PA550

PA595

PA632

PA803

PA821

PA822

PA977

PA983

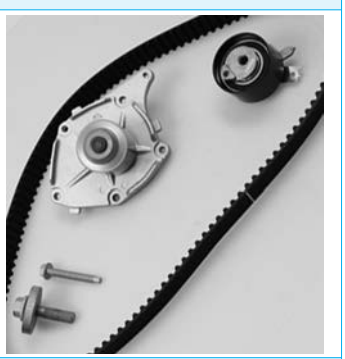
PA1037

PA1043

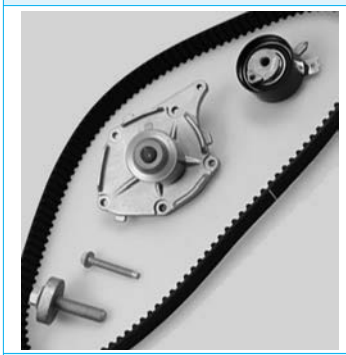
PA1087

PA1091

KP632-1



KP821-1



KP977-1

KP983-1

		GRAF ref.			NOTE	Adaptable for OES
1.5 DCi (47 kW) Eng.K9K740	07-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (55 kW) Eng.K9K770	10-	**PA1091**		•		77 01 478 830
1.5 DCi (62 kW) Eng.K9K718	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.6 RS (98 kW) Eng.K4M854	07-	**PA1043**		•	+RB	210105296R,82 00 582 675
Vel Satis (BJ0) '6/02-						
2.0 (108 kW) Eng.F4R867	05-	**PA1087**		•	+RB	77 01 479 043
2.0 16v T. (125 kW) Eng.F4R762/764/766	04-	**PA822**		•		77 00 111 675,77 01 472 182
	05-	**PA1087**		•	+RB	77 01 479 043
2.0 DCi (110 kW) Eng.M9R760	05-12	**PA1037**		•		82 00 332 040
2.0 DCi (127 kW) Eng.M9R760	06-12	**PA1037**		•		82 00 332 040
2.0, 16v, T. (BJ0K) (120 kW) Eng.F4R762/763	05-	**PA1087**		•	+RB	77 01 479 043
	6/02-	**PA822**		•		77 00 111 675,77 01 472 182
2.2 DCi (102 kW) Eng.G9T600/606	04-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
2.2 DCi (BJ0E) (110 kW) Eng.G9T702/742/743	6/02-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
2.2 DCi (BJOH) (83-85 kW) Eng.G9T702	04-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
Wind (E4M) '7/10-						
1.2 (74 kW) Eng.D4F782	10-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	10-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.6 (98 kW) Eng.K4M854	10-	**PA1043**		•	+RB	210105296R,82 00 582 675

RENAULT LCV, TRUCK

Clio Van I (S57) '1/91-'9/98						
1.1 (S571) (35 kW) Eng.C1E700	91-98	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	91-98	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.2 (S572, S57A,R) (40 kW) Eng.E7F706	91-98	**PA412**		•		77 00 736 091,77 01 633 125
1.2 (S573) (43-44 kW) Eng.E7F750	91-98	**PA412**		•		77 00 736 091,77 01 633 125
1.9 D (S57L, I, S575,576) (47-66-68 kW) Eng.F8Q730/732	91-98	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
Clio Van II (SB0) '9/98-'5/05						
1.2 (SB0A) (43 kW) Eng.D7F720/722	98-	**PA632**		•		77 00 864 596,77 01 041 348,82 00 037 686 82 00 088 660/ 663,82 00 266 947
	3/03-	**KP632-1**		•	Belt:87x17, PA632	77 00 864 596,77 01 041 348 77 01 472 644/ 675,77 01 477 013 77 01 478 924,77 03 002 053,82 00 037 686 82 00 088 660/ 663,82 00 266 947 82 00 397 735,82 00 702 755,86 71 019 520
1.5 DCi (48 kW) Eng.K9K700/704	01-	**PA821**		•		77 01 473 327,77 01 476 496
	-3/04	**KP821-1**		•	+screw/vite, Belt:123x27, PA821	77 01 473 120/ 327,77 01 475 115/ 995 77 01 476 496/ 571,77 01 477 012/ 028 77 01 478 031,77 01 774 435,82 00 035 221 86 71 019 519
	4/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.9 D (SB0E) (40-44-47 kW) Eng.F8Q606/630/662	98-	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
Clio Van III '6/05-						
1.2 16v (55 kW) Eng.D4F740	05-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750

PA531

PA632

PA633

PA724A

PA820

PA821

PA977

PA983

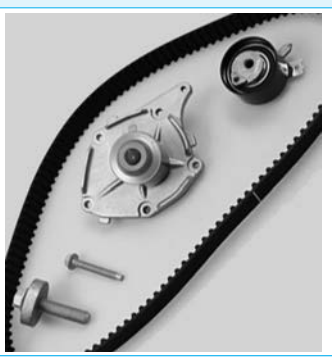
PA1035

PA1043

KP632-1

KP724-1

KP821-1



KP977-1

KP983-1

		GRAF ref.			NOTE	Adaptable for OES
1.2 16v (55 kW) Eng.D4F740	05-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.5 DCi (50 kW) Eng.K9K768	05-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (63 kW) Eng.K9K766	09-	**PA977**		•		77 01 475 995,77 01 478 031
						Kangoo I (FC0) Van '3/98-'1/08
1.0 (40 kW) Eng.CG10DE	03-	**PA983**		•	+RB	210101832R,210108845R,77 01 478 923 82 00 397 732,82 00 702 750
	03-	**KP983-1**		•	Belt:95x23,4, PA983	210101832R,210108845R,77 01 478 923 77 11 115 394,82 00 035 827/ 834 82 00 103 069,82 00 106 085,82 00 397 732 82 00 454 895,82 00 702 750,82 00 704 394
1.2 (44 kW) Eng.D7F764	98-	**PA632**		•		77 00 864 596,77 01 041 348,82 00 037 686 82 00 088 660/ 663,82 00 266 947
1.2 (FC01,0A,0F) (43 kW) Eng.D7F710/720/722/744/746	98-	**PA632**		•		77 00 864 596,77 01 041 348,82 00 037 686 82 00 088 660/ 663,82 00 266 947
	3/98-1/08	**KP632-1**		•	Belt:87x17, PA632	77 00 864 596,77 01 041 348 77 01 472 644/ 675,77 01 477 013 77 01 478 924,77 03 002 053,82 00 037 686 82 00 088 660/ 663,82 00 266 947 82 00 397 735,82 00 702 755,86 71 019 520
1.2 16v (FC05) (55 kW) Eng.D4F712/714	01-	**PA820**		•		82 00 042 880,82 00 238 333,82 00 266 950
1.4 (FC0C,0B,0H,0M) (55 kW) Eng.E7J634/635/780/K7J700/701	98-	**PA633**		•	Eng. E7J	77 00 866 518,82 00 146 301
	98-08	**PA1035**		•	Eng. K7J	77 00 861 686,77 01 478 018,82 00 146 298
1.5 DCi (42 kW) Eng.K9K710	02-	**PA821**		•		77 01 473 327,77 01 476 496
	-3/04	**KP821-1**		•	+screw/vite, Belt:123x27, PA821	77 01 473 120/ 327,77 01 475 115/ 995 77 01 476 496/ 571,77 01 477 012/ 028 77 01 478 031,77 01 774 435,82 00 035 221 86 71 019 519
	4/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (50 kW) Eng.K9K714	05-	**PA821**		•		77 01 473 327,77 01 476 496
	6/05-1/08	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (60 kW) Eng.K9K702/710/722	03-	**PA821**		•		77 01 473 327,77 01 476 496
	4/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (62 kW) Eng.K9K718	05-	**PA821**		•		77 01 473 327,77 01 476 496
	6/05-1/08	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.5 DCi (FC07) (48 kW) Eng.K9K700/704	01-	**PA821**		•		77 01 473 327,77 01 476 496
	-3/04	**KP821-1**		•	+screw/vite, Belt:123x27, PA821	77 01 473 120/ 327,77 01 475 115/ 995 77 01 476 496/ 571,77 01 477 012/ 028 77 01 478 031,77 01 774 435,82 00 035 221 86 71 019 519
	4/04-	**KP977-1**		•	+screw/vite, Belt:123x27, PA977	77 01 473 120,77 01 475 115/ 995 77 01 476 571,77 01 477 012/ 028 77 01 478 031/ 830,86 71 019 519
1.6 16v, 4WD (FC0L, FC0P, FC0S) (70 kW) Eng.K4M750/752/753	01-06	**PA724A**		•		77 00 105 176/ 378,77 00 274 330 82 00 146 297
	07-08	**PA1043**		•	+RB	210105296R,82 00 582 675
	10/01-1/08	**KP724-1**		•	Belt:132x27, PA724A	77 00 105 176,77 00 105 378,77 00 274 330 77 01 471 382/ 974,77 01 477 014 82 00 146 297,82 00 428 447,82 00 582 675
1.9 D (FC0E,02,0J,0N) (47 kW) Eng.F8Q630/632	98-	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D 55 (FC0D) (40 kW) Eng.F8Q606/630/662	98-	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

PA178

PA247

PA499

PA514

PA516

PA531

PA573

PA750

PA751

PA803

PA822

PA913

PA915

PA977

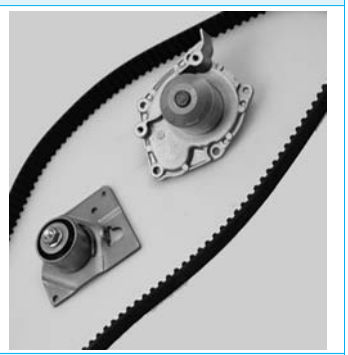
PA1035

PA1043

PA1091

PA1147

PA1176



KP822-1

		GRAF ref.			NOTE	Adaptable for OES
1.9 DCi (62 kW) Eng.F9Q790	03-	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DCi 4WD (62 kW) Eng.F9Q790	03-	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DCi 4WD (FC0V) (59 kW) Eng.F9Q782/790	01-08	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 DTi (FC0U) (59 kW) Eng.F9Q780	00-	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
Kangoo II Van (FW0/1) '2/08-						
1.5 DCi (50 kW) Eng.K9K840	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (55 kW) Eng.K9K800	10-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (63 kW) Eng.K9K800/802	08-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (66 kW) Eng.K9K808	09-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (76 kW) Eng.K9K806	07-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi 110 (80 kW) Eng.K9K804	10-	**PA1091**		•		77 01 478 830
1.6 (66 kW) Eng.K7M	08-	**PA1035**		•		77 00 861 686,77 01 478 018,82 00 146 298
1.6 16v (78 kW) Eng.K4M830	2/08-	**PA1043**		•	+RB	210105296R,82 00 582 675
Mascott '1/99-						
110 (78 kW) Eng.8140.43B/C	99-04	**PA915**				500362859,77 01 474 551
	99-04	**PA913**			1 Hole	500316451,500362834
	99-04	**PA1176**			2 Hole	50 01 851 798
120.35 (85 kW) Eng.ZD3A600/DXi3	04-	**PA1147**				77 01 057 952
120.55 (85 kW) Eng.ZD3A600	04-	**PA1147**				77 01 057 952
120.65 (85 kW) Eng.ZD3A600	04-	**PA1147**				77 01 057 952
130 (92 kW) Eng.8140.43S	99-04	**PA915**				500362859,77 01 474 551
140 (103 kW) Eng.8140.43K	01-04	**PA915**				500362859,77 01 474 551
150.35 (107 kW) Eng.8140.43N	01-004	**PA915**				500362859,77 01 474 551
150.55/ .65 (107 kW) Eng.8140.43N	01-04	**PA915**				500362859,77 01 474 551
160.35 (115 kW) Eng.ZD3A604	04-	**PA1147**				77 01 057 952
160.55 (115 kW) Eng.ZD3A604	04-	**PA1147**				77 01 057 952
160.65 (115 kW) Eng.ZD3A604	04-	**PA1147**				77 01 057 952
90 (63-78 kW) Eng.8140.63	99-01	**PA915**				500362859,77 01 474 551
Master I '8/80-'7/98						
2.0 28-35 (58-60 kW) Eng.J5R718/728	86-98	**PA573**	•		Eng -F029328	77 01 461 006
	86-98	**PA516**			Eng F029329-	77 01 466 152
2.0 28-35 (59-63-76-80-81 kW) Eng.829731/730	80-86	**PA573**	•			77 01 461 006
2.1 D 28-35 (44-48-53-66 kW) Eng.J8S330	80-98	**PA247**				77 01 461 405,77 01 463 182
2.2 30 (67-70-74-76-79-85-89-91-101 kW) Eng.J7T782/788	80-98	**PA573**	•		Eng -F305272	77 01 461 006
	80-98	**PA514**			Eng F305273-	77 01 465 513
2.4 D 28-35 (52-55-59 kW) Eng.Sofim-8140.61.2300/S8U731	80-89	**PA178**				50 01 001 274,77 01 462 808,77 01 468 342
	80-89	**PA499**				77 01 473 784
2.5 D 28-35 (55 kW) Eng.Sofim-8140.67.2510/S8U742	89-98	**PA178**				50 01 001 274,77 01 462 808,77 01 468 342
	89-98	**PA499**				77 01 473 784
2.5 TD 28-35 (72 kW) Eng.Sofim-8140.27.2580/S9U702	89-98	**PA750**			Eng. S8U	77 01 470 879
	89-98	**PA751**			Eng. S9W	77 01 470 880
2.5 TD 35 (55-69-73 kW) Eng.Sofim-8140.27.2500/.2510/S9U714	89-98	**PA750**			Eng. S8U	77 01 470 879
	89-98	**PA751**			Eng. S9W	77 01 470 880
Master II '7/98-'9/03						
1.9 DCi 80 (60 kW) Eng.F9Q772	01-03	**PA822**		•		77 00 111 675,77 01 472 182
	11/01-9/03	**KP822-1**		•	Belt:132x26, PA822	77 00 111 675,77 01 472 182/ 185 77 01 473 312,77 01 477 048,77 01 479 043
1.9 DTi (59 kW) Eng.F9Q770	00-03	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.2 DCi 90 (66 kW) Eng.G9T722	00-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780

PA531

PA550

PA595

PA750

PA751

PA803

PA820

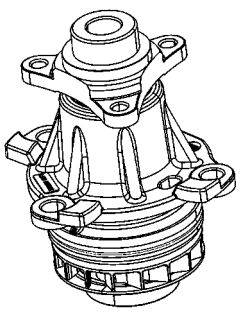
PA821

PA977

PA1037

PA1066

PA1147



PA1182

		GRAF ref.			NOTE	Adaptable for OES
2.5 D (59 kW) Eng.S8U770	98-01	**PA750**				77 01 470 879
2.5 DCi 120 (84 kW) Eng.G9U720/754	01-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
2.8 DTi (84 kW) Eng.S9W702	98-01	**PA751**				77 01 470 880
Master III '10/03-'1/10						
2.5 DCi (107 kW) Eng.G9U630	06-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
2.5 DCi (74 kW) Eng.G9U650	06-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
2.5 DCi (84 kW) Eng.G9U750	04-10	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
2.5 DCi (88 kW) Eng.G9U632	06-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
2.5 DCi 100 (73 kW) Eng.G9U754	03-10	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
3.0 DCi 120 (85 kW) Eng.ZD3A600	05-10	**PA1147**				77 01 057 952
3.0 DCi 160 (115 kW) Eng.ZD3A604	05-10	**PA1147**				77 01 057 952
Master IV '2/10-						
2.3 DCi (107 kW) Eng.M9T698/680	10-	**PA1037**		•		82 00 332 040
	10-	**PA1182**				8200944976
2.3 DCi FWD, RWD (74 kW) Eng.M9T670/676	10-	**PA1037**		•		82 00 332 040
2.3 DCi, FWD (92 kW) Eng.M9T690/692	10-	**PA1037**		•		82 00 332 040
	10-	**PA1182**				8200944976
Maxity '5/06-						
110.28 (81 kW) Eng.DXi2,5	06-	**PA1066**				-
110.32 (81 kW) Eng.DXi2,5	06-	**PA1066**				-
110.35 (81 kW) Eng.DXi2,5	06-	**PA1066**				-
130.35 (96 kW) Eng.DXi2,5	06-	**PA1066**				-
130.45 (96 kW) Eng.DXi2,5	06-	**PA1066**				-
Megane II Van '11/02-'12/07						
1.5 DCi (63 kW) Eng.K9K724	4/05-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (78 kW) Eng.K9K764	4/05-	**PA977**		•		77 01 475 995,77 01 478 031
Modus Van '12/04-						
1.2 16v (55 kW) Eng.D4F740	12/04-	**PA820**		•		82 00 042 880,82 00 238 333,82 00 266 950
1.5 DCi (50 kW) Eng.K9K752	12/04-3/05	**PA821**		•		77 01 473 327,77 01 476 496
	4/05-	**PA977**		•		77 01 475 995,77 01 478 031
1.5 DCi (63 kW) Eng.K9K750	12/04-3/05	**PA821**		•		77 01 473 327,77 01 476 496
	4/05-	**PA977**		•		77 01 475 995,77 01 478 031
R11 Van '3/83-'12/88						
1.1 (S371) (35 kW) Eng.C1E715/720	83-86	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	83-86	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.2 (S37S) (40 kW) Eng.C1G700/710	84-88	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	84-88	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 (S372) (35-43-44 kW) Eng.C1J715/792/796/C2J730	83-86	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	83-86	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.4 (S373) (43-46-50-53 kW) Eng.C2J768	83-86	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	83-86	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.6 D (S374) (40 kW) Eng.F8M700/720/730	83-88	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

PA047

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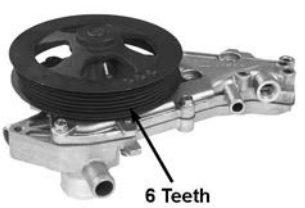
PA550

PA581



PA594

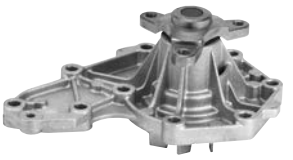
PA595

		GRAF ref.			NOTE	Adaptable for OES
R12 Van '7/75-'4/80						
1.3 (2360) (29-31-32-33-37-40-44-47 kW) Eng.81002	75-80	**PA081**				77 01 457 416,77 01 459 435,77 01 502 962
	75-80	**PA581**			+BH	77 01 452 155,77 01 457 415,77 01 502 963
R18 Van '5/79-'7/86						
1.4 (2350) (35-43-46 kW) Eng.847720/722	79-84	**PA110**			Eng -538513	77 01 460 697
	85-86	**PA282**			Eng 538514-	77 01 462 389
2.1 D (2354) (43-46-50-53 kW) Eng.852710/J8S711	81-86	**PA247**				77 01 461 405,77 01 463 182
R19 I Van '1/88-'12/92						
1.2 (S530) (40 kW) Eng.C1G730	88-92	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	88-92	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.9 D (S534, I, J) (47-66-68 kW) Eng.F8Q706/742	88-92	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
R19 II Van '3/92-'12/95						
1.2 (S530) (40 kW) Eng.C1G730	92-95	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	92-95	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
1.9 D (S534) (47-66-68 kW) Eng.F8Q706/742	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 TD (S53K) (47-66-68 kW) Eng.F8Q706/742	92-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
R21 Van '6/86-'4/95						
1.7 (S481,482) (65 kW) Eng.F2N710	86-95	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (S48H) (47 kW) Eng.F8Q710	86-94	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.1 D (S486) (48 kW) Eng.J8S704	86-94	**PA543**	•			77 01 464 030,77 01 467 223
R4 Van '9/66-'12/93						
0.8 (2105,2102,2104) (19 kW) Eng.839	71-82	**PA047**				77 01 452 782,77 01 457 595/ 771
	71-82	**PA547**				77 01 461 173,77 01 467 546
0.8 (2106) (25 kW) Eng.80001	74-88	**PA047**				77 01 452 782,77 01 457 595/ 771
	74-88	**PA547**				77 01 461 173,77 01 467 546
0.8 (210B) (25 kW) Eng.80001	76-89	**PA047**				77 01 452 782,77 01 457 595/ 771
0.8 (2391/2392) (21 kW) Eng.800705/B1B707	83-89	**PA047**				77 01 452 782,77 01 457 595/ 771
	83-89	**PA547**				77 01 461 173,77 01 467 546
1.1 (2370) (25-32-33-35 kW) Eng.688711/712/C1E714/718/719	76-89	**PA142**				77 01 457 671,77 01 505 397
1.1 (239B) (26 kW) Eng.C1E718/719	82-89	**PA142**				77 01 457 671,77 01 505 397
1.1 (3C2370) (25 kW) Eng.688711/712/C1E714/718/719	76-89	**PA353**				77 01 463 014,77 01 467 915
1.1 (S128) (25 kW) Eng.688712/C1E714/719	76-89	**PA142**				77 01 457 671,77 01 505 397
R5 Van '1/72-'12/85						
0.8 (2381) (19-21-25-26-27 kW) Eng.800710	72-84	**PA140**				77 01 457 451,77 01 461 174,77 01 508 975
1.1 (2386) (25-33-35 kW) Eng.688711/712/713/C1E726	80-85	**PA142**				77 01 457 671,77 01 505 397
1.3 (2387) (29-31-32-33-37-40-44-47 kW) Eng.810726	76-82	**PA142**				77 01 457 671,77 01 505 397
Rapid/Express (F40, G40) Van '7/85-'8/98						
0.95 (F400) (25-30-31-32-33 kW) Eng.C1C706	86-92	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	86-92	**PA530**	•		+Air	77 01 464 054,77 01 466 420
	86-92	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	86-92	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420

PA412

PA529

PA530



PA531

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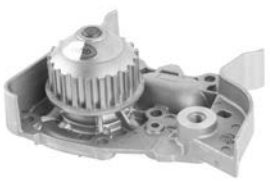

PA633

KIT595

		GRAF ref.			NOTE	Adaptable for OES
1.1 (F401) (34 kW) Eng.C1E750/752/760/762/792	85-95	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	85-95	**PA530**	•		+Air	77 01 464 054,77 01 466 420
	85-95	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	85-95	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420
1.1 (F40H) (25-33-35 kW) Eng.C1E756	87-91	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	87-91	**PA530**	•		+Air	77 01 464 054,77 01 466 420
	87-91	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	87-91	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420
1.2 (F406, G40A) (40 kW) Eng.C3G710/712	91-98	**PA529**	•			77 01 467 153
	91-98	**PA597**			+BH	77 01 467 153
1.2 (F40F) (40-55 kW) Eng.C1G726	91-98	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	91-98	**PA530**	•		+Air	77 01 464 054,77 01 466 420
	91-98	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	91-98	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420
1.4 (F40) (55 kW) Eng.E7J770/771	96-98	**PA633**		•		77 00 866 518,82 00 146 301
1.4 (F402) (35-43-44 kW) Eng.C1J768/780	85-91	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	85-91	**PA530**	•		+Air	77 01 464 054,77 01 466 420
	85-91	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	85-91	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420
1.4 (F407) Kat (43 kW) Eng.C3J700/702/760/762	88-98	**PA550**	•		+KIT595	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	88-98	**PA530**	•		+KIT595, +Air	77 01 464 054,77 01 466 420
	88-98	**KIT595**				-
	88-98	**PA595**			+KIT595, +BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	88-98	**PA594**			+KIT595, +BH, +Air	77 01 464 054,77 01 466 420
1.4 (F40D) (58 kW) Eng.E7J728	94-98	**PA412**		•		77 00 736 091,77 01 633 125
1.4 (F40M) (43-46-50-53 kW) Eng.C2J784	86-91	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	86-91	**PA530**	•		+Air	77 01 464 054,77 01 466 420
	86-91	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	86-91	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420
1.4 (F40U, F40V) (43-52-55 kW) Eng.E7J720/724/726/773	91-98	**PA412**		•		77 00 736 091,77 01 633 125
1.6 D (F404) (40 kW) Eng.F8M730/736/760	86-98	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (F40P/N/E) (47-66-68 kW) Eng.F8Q722/724/774/776	91-98	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (F40R) (40 kW) Eng.F8Q640/682	94-98	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
Super 5 (S40) Van '10/84-'12/96						
0.95 (S400) (30 kW) Eng.C1C688/689/700	84-88	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	84-88	**PA530**	•		+Air	77 01 464 054,77 01 466 420
	84-88	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	84-88	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420
1.1 (S401) (34 kW) Eng.C1E750/752/754	84-96	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	84-96	**PA530**	•		+Air	77 01 464 054,77 01 466 420
	84-96	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	84-96	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420

PA110

PA127

PA178

PA282

PA511

PA514

PA527

PA530

PA531

PA550

PA573

PA576

PA594

PA595

KIT595

		GRAF ref.			NOTE	Adaptable for OES
1.2 (S40F) (40 kW) Eng.C1G702/720/722	87-96	**PA550**	•			77 01 462 145/ 491,77 01 463 377 77 01 466 419
	87-96	**PA530**	•		+Air	77 01 464 054,77 01 466 420
	87-96	**PA595**			+BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	87-96	**PA594**			+BH, +Air	77 01 464 054,77 01 466 420
1.2 (S40F, S407) (44 kW) Eng.C1G702	87-96	**PA550**	•		+KIT595	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	87-96	**PA530**	•		+KIT595, +Air	77 01 464 054,77 01 466 420
	87-96	**KIT595**				-
	87-96	**PA595**			+KIT595, +BH	77 01 462 145/ 491,77 01 463 377 77 01 466 419
	87-96	**PA594**			+KIT595, +BH, +Air	77 01 464 054,77 01 466 420
1.6 D (S404) (40 kW) Eng.F8M720/730	84-96	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
Trafic I (P6) '3/80-'4/89						
1.4 (35-43-44 kW) Eng.847700/701/C1J700	80-89	**PA110**			Eng -538513	77 01 460 697
	80-89	**PA282**			Eng 538514-	77 01 462 389
1.6, 4WD (47-66-68 kW) Eng.841705/A1M705/707/708	84-86	**PA511**	•			77 01 460 698,77 01 461 101
	84-86	**PA576**	•			77 01 462 085/ 6
1.7 (50 kW) Eng.F1N720/722/724	86-89	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (63 kW) Eng.829720/721	80-86	**PA127**				-
	80-86	**PA527**			+RB	77 01 461 336
2.0, 4WD (58-63-76-81 kW) Eng.J5R716/722/726	80-89	**PA573**	•		Eng -F029328	77 01 461 006
	80-89	**PA514**			Eng F029329-	77 01 465 513
2.1 D, 4WD (43-49 kW) Eng.852720/750	80-89	**PA127**				-
	80-89	**PA527**			+RB	77 01 461 336
2.4 D (51 kW) Eng.Sofim-8140.61.240/S8U720/722	80-89	**PA178**				50 01 001 274,77 01 462 808,77 01 468 342
Trafic I Bus '3/80-'4/89						
1.4 (35 kW) Eng.847700/701/C1J700	80-89	**PA110**			Eng -538513	77 01 460 697
	80-89	**PA282**			Eng 538514-	77 01 462 389
1.6, 4WD (47-66-68 kW) Eng.841705/A1M705/707/708	84-86	**PA511**	•			77 01 460 698,77 01 461 101
	84-86	**PA576**	•			77 01 462 085/ 6
1.7 (50 kW) Eng.F1N720/722/724	86-89	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0, 4WD (58-63-76-81 kW) Eng.J5R716/722/726	80-89	**PA573**	•		Eng -F029328	77 01 461 006
	80-89	**PA514**			Eng F029329-	77 01 465 513
2.1 D (43-49 kW) Eng.852720/750	80-89	**PA127**				-
	80-89	**PA527**			+RB	77 01 461 336
Trafic I Van '3/80-'4/89						
1.4 (35 kW) Eng.847700/701/C1J700	80-89	**PA110**			Eng -538513	77 01 460 697
	80-89	**PA282**			Eng 538514-	77 01 462 389
1.6, 4WD (47-66-68 kW) Eng.841705/A1M705/707/708	84-86	**PA511**	•			77 01 460 698,77 01 461 101
	84-86	**PA576**	•			77 01 462 085/ 6
1.7 (50 kW) Eng.F1N720/722/724	86-89	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0, 4WD (58-63-76-81 kW) Eng.J5R716/722/726	80-89	**PA573**	•		Eng -F029328	77 01 461 006
	80-89	**PA514**			Eng F029329-	77 01 465 513
2.1 D, 4WD (43 kW) Eng.852720/750	80-89	**PA127**				-
	80-89	**PA527**			+RB	77 01 461 336
Trafic II (PXX) '5/89-'3/01						
1.7 (50 kW) Eng.F1N720/722/724	89-94	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (59 kW) Eng.J5R716/726	89-97	**PA573**	•		Eng -F029328	77 01 461 006
	89-97	**PA514**			Eng F029329-	77 01 465 513
2.1 D (43 kW) Eng.852720/750	89-94	**PA127**				-

PA110

PA127

PA178

PA282

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PA573

PA722

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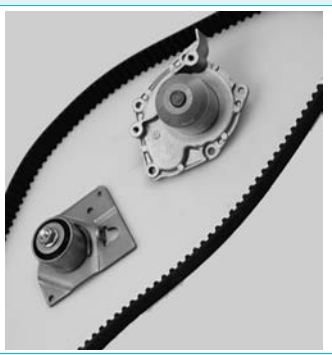
PA1087



KP822-1

		GRAF ref.			NOTE	Adaptable for OES
2.1 D (43 kW) Eng.852720/750	89-94	**PA527**			+RB	77 01 461 336
2.1 D (47 kW) Eng.J8S620/758	94-97	**PA543**	•			77 01 464 030,77 01 467 223
2.4 D (51 kW) Eng.Sofim-8140.61.240/S8U720/722	89-01	**PA178**				50 01 001 274,77 01 462 808,77 01 468 342
	89-01	**PA499**				77 01 473 784
2.5 D (55 kW) Eng.Sofim-8140.67.2500/.2550/.2580/S8U750/752	89-98	**PA499**				77 01 473 784
Trafic II Bus (TXW) '5/89-'3/01						
1.7 (50 kW) Eng.F1N720/722/724	89-94	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (44 kW) Eng.F8Q606/630/662	97-01	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (59 kW) Eng.J5R716/726	89-97	**PA573**	•		Eng -F029328	77 01 461 006
	89-97	**PA514**			Eng F029329-	77 01 465 513
2.1 D (43 kW) Eng.852720/750	89-94	**PA127**				-
	89-94	**PA527**			+RB	77 01 461 336
2.1 D (47 kW) Eng.J8S620/758	94-97	**PA543**	•			77 01 464 030,77 01 467 223
2.2, 4WD (70 kW) Eng.J7T780	89-94	**PA573**	•		Eng -F305272	77 01 461 006
	89-94	**PA514**			Eng F305273-	77 01 465 513
2.2, 4WD (74 kW) Eng.J7T600	94-97	**PA573**	•		Eng -F305272	77 01 461 006
	94-97	**PA514**			Eng F305273-	77 01 465 513
2.5 D, 4WD (55 kW) Eng.Sofim-8140.67/S8U750/752	89-01	**PA178**				50 01 001 274,77 01 462 808,77 01 468 342
Trafic II Van (TXX) '5/89-'3/01						
1.4 (35 kW) Eng.C1J700	89-91	**PA110**			Eng -538513	77 01 460 697
	89-91	**PA282**			Eng 538514-	77 01 462 389
1.7 (50 kW) Eng.F1N720/722/724	89-94	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (44 kW) Eng.F8Q606/630/662	97-01	**PA531**				77 01 462 809,77 01 463 111/ 397 77 01 464 736,77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (59 kW) Eng.J5R716/726	89-97	**PA573**	•		Eng -F029328	77 01 461 006
	89-97	**PA514**			Eng F029329-	77 01 465 513
2.1 D (43 kW) Eng.852720/750	89-94	**PA127**				-
	89-94	**PA527**			+RB	77 01 461 336
2.1 D (47 kW) Eng.J8S620/758	94-97	**PA543**	•			77 01 464 030,77 01 467 223
2.2, 4WD (70 kW) Eng.J7T780	89-94	**PA573**	•		Eng -F305272	77 01 461 006
	89-94	**PA514**			Eng F305273-	77 01 465 513
2.2, 4WD (74 kW) Eng.J7T600	94-97	**PA573**	•		Eng -F305272	77 01 461 006
	94-97	**PA514**			Eng F305273-	77 01 465 513
2.5 D, 4WD (55 kW) Eng.Sofim-8140.67/S8U750/752	89-01	**PA178**				50 01 001 274,77 01 462 808,77 01 468 342
Trafic III (EL, FL, JL) '3/01-						
1.9 DCi (60 kW) Eng.F9Q762	01-	**PA822**		•		77 00 111 675,77 01 472 182
	3/01-	**KP822-1**		•	Belt:132x26, PA822	77 00 111 675,77 01 472 182/ 185 77 01 473 312,77 01 477 048,77 01 479 043
1.9 DCi (74 kW) Eng.F9Q760	01-	**PA822**		•		77 00 111 675,77 01 472 182
	3/01-	**KP822-1**		•	Belt:132x26, PA822	77 00 111 675,77 01 472 182/ 185 77 01 473 312,77 01 477 048,77 01 479 043
2.0 (88 kW) Eng.F4R720/722	01-	**PA822**		•		77 00 111 675,77 01 472 182
	05-	**PA1087**		•	+RB	77 01 479 043
2.0 16v (86 kW) Eng.F4R820	06-	**PA1087**		•	+RB	77 01 479 043
2.0 DCi (66 kW) Eng.M9R780	06-	**PA1037**		•		82 00 332 040
2.0 DCi (84 kW) Eng.M9R780	06-12	**PA1037**		•		82 00 332 040
2.5 DCi (84 kW) Eng.G9U630	09-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
2.5 DCi 150 (107 kW) Eng.G9U630	06-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
2.5 DTi (99 kW) Eng.G9U730	03-	**PA803**				77 01 472 625,77 01 474 190,82 00 129 206 82 01 013 780
Twingo (S06) Van '3/93-						
1.2 (S063, S064) (40 kW) Eng.C3G700/702	93-96	**PA529**	•			77 01 467 153
	93-96	**PA722**	•		+Air	77 01 467 642

PA374

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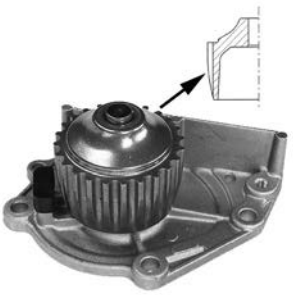
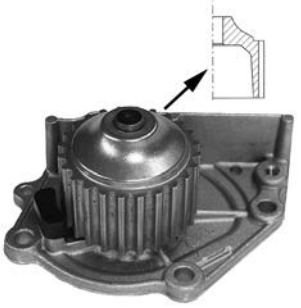
PA393



PA426



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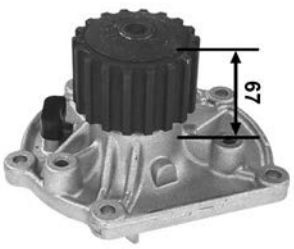
PA491



PA561A

PA562

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PA632

PA721

KP632-1

		GRAF ref.			NOTE	Adaptable for OES
1.2 (S063, S064) (40 kW) Eng.C3G700/702	93-96	**PA597**			+BH	77 01 467 153
	93-96	**PA721**			+BH, +Air	77 01 467 642
1.2 (S066, S068) (40-43 kW) Eng.D7F700/701/702/703/704/706	96-	**PA632**		•		77 00 864 596,77 01 041 348,82 00 037 686 82 00 088 660/ 663,82 00 266 947
	-8/00	**KP632-1**		•	Belt:87x17, PA632	77 00 864 596,77 01 041 348 77 01 472 644/ 675,77 01 477 013 77 01 478 924,77 03 002 053,82 00 037 686 82 00 088 660/ 663,82 00 266 947 82 00 397 735,82 00 702 755,86 71 019 520

ROVER

100 (METRO) (Xp) '3/90-'12/98

111, Cabrio (44 kW) Eng.11K2A/D	90-98	**PA426**		•		GWP336,PEB000080
114 D (38 kW) Eng.TUD3	92-94	**PA628**		•		GWP195/ 341
114 GTI 16v, GSi, Cabrio (76 kW) Eng.14K4F	91-98	**PA427**		•		GWP333,PEB10051,PEB102510L
114 GTI/GT 16v, Kat (66-69-70 kW) Eng.14K4C/D	90-98	**PA427**		•		GWP333,PEB10051,PEB102510L
114, Cabrio (55 kW) Eng.14K2A/D	90-98	**PA426**		•		GWP336,PEB000080
115 D (42 kW) Eng.TUD5	94-98	**PA491**		•		GWP346

200 I (XH) '3/85-'9/89

213 (54 kW) Eng.EV2	85-89	**PA385**		•		GWP1143
216 EFi (61 kW) Eng.16H	85-89	**PA374**		•		GWP157/ 173/ 183
216 Vitesse (75 kW) Eng.16H	85-89	**PA374**		•		GWP157/ 173/ 183

200 II (XW), Coupe '10/89-'11/99

214 (55 kW) Eng.14K2A/D	93-95	**PA426**		•		GWP336,PEB000080
214 16v Si, GSi, Cabrio (76 kW) Eng.14K4F	93-99	**PA427**		•		GWP333,PEB10051,PEB102510L
214 Si, Gsi, Cabrio (66-70 kW) Eng.14K4C	90-95	**PA427**		•		GWP333,PEB10051,PEB102510L
214, Si, GSi, Cabrio (66 kW) Eng.14K4C/D	89-99	**PA427**		•		GWP333,PEB10051,PEB102510L
216 16v Cabrio (82 kW) Eng.16K4F	96-99	**PA428**		•		GWP2157/ 2161/ 2163
216 GSi (82 kW) Eng.D16Z2	89-95	**PA428**		•		GWP2157/ 2161/ 2163
216 GSi (85 kW) Eng.D16A7	89-95	**PA428**		•		GWP2157/ 2161/ 2163
216 GTi (96 kW) Eng.D16A9	90-95	**PA428**		•		GWP2157/ 2161/ 2163
216, GTi, Cabrio (90 kW) Eng.D16A8	90-99	**PA428**		•		GWP2157/ 2161/ 2163
218 D (49-52 kW) Eng.XUD9AL	91-95	**PA393**		•	Eng -10CU4N4014119	GWP337/ 8
	91-95	**PA391**		•	Eng 10CU4N4014120-	GWP2513,GWP344
218 TD (65 kW) Eng.XUD7TE	91-95	**PA393**		•	Eng -10CV2L4016153	GWP337/ 8
	91-95	**PA391**		•	Eng 10CV2L4016154-	GWP2513,GWP344
220 GTi (103 kW) Eng.20M4F	91-95	**PA561A**		•	Ch -605481	GWP2166,GWP2707
	91-95	**PA562**			Ch 605482-	GWP193/ 347,PEB102420
220 GTi, GSi (100 kW) Eng.20T4H	93-99	**PA562**				GWP193/ 347,PEB102420
220 T. (147 kW) Eng.20T4G	93-95	**PA562**				GWP193/ 347,PEB102420

200 III (RF) '11/95-'3/00

211 (44 kW) Eng.11K2A/D	98-00	**PA426**		•		GWP336,PEB000080
214 (55 kW) Eng.14K2F	95-00	**PA426**		•		GWP336,PEB000080
214 Si (76 kW) Eng.14K4F	95-00	**PA427**		•		GWP333,PEB10051,PEB102510L
216 Si (82 kW) Eng.16K4F	95-00	**PA427**		•		GWP333,PEB10051,PEB102510L
218 (88-107 kW) Eng.18K4K(VVC)	95-00	**PA427**		•		GWP333,PEB10051,PEB102510L
220 D/SD (63 kW) Eng.20T2R	95-00	**PA562**				GWP193/ 347,PEB102420
220 SDi (74-77 kW) Eng.20T2N	95-00	**PA562**				GWP193/ 347,PEB102420

25 (RF) '10/99-

1.1 16v (55 kW) Eng.11K4F	04-	**PA427**		•		GWP333,PEB10051,PEB102510L
1.4 (62 kW) Eng.14K4M	99-	**PA426**		•		GWP336,PEB000080
1.4 16v (76 kW) Eng.14K4F	99-	**PA427**		•		GWP333,PEB10051,PEB102510L
1.6 16v (80 kW) Eng.16K4F/16	99-	**PA427**		•		GWP333,PEB10051,PEB102510L
1.8 16v (85-107 kW) Eng.18K4K/F(VVC)	00-	**PA427**		•		GWP333,PEB10051,PEB102510L
2.0 i DT (74-77-83 kW) Eng.20T2N	99-	**PA562**				GWP193/ 347,PEB102420

400 I (XW) '4/90-'4/95

414 GSI/SI Kat (76 kW) Eng.14K4F	93-95	**PA427**		•		GWP333,PEB10051,PEB102510L
414 Si, Gsi, Cabrio (66-69-70 kW) Eng.14K4C/D	90-95	**PA427**		•		GWP333,PEB10051,PEB102510L

PA187

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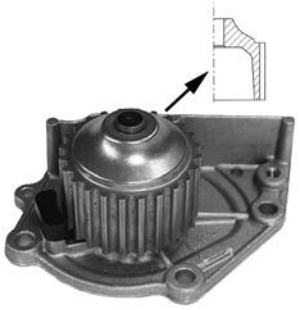
PA420A



PA427

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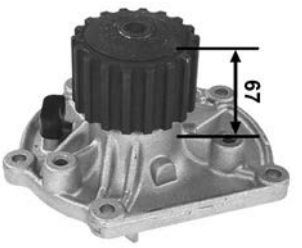

PA561A

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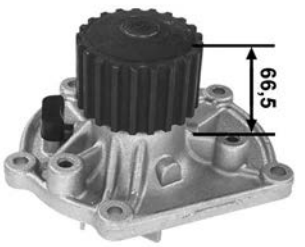

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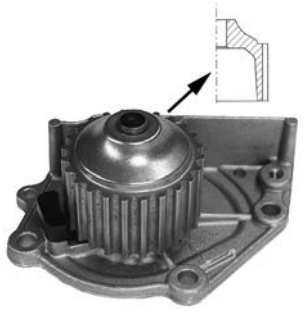
		GRAF ref.			NOTE	Adaptable for OES
416 GSI, SW (82 kW) Eng.D16Z2	90-95	**PA428**		•		GWP2157/ 2161/ 2163
416 GSI/GSE (85 kW) Eng.16K16	90-95	**PA428**		•		GWP2157/ 2161/ 2163
416 GTI, SW (90-96 kW) Eng.D16A8/ A9	90-95	**PA428**		•		GWP2157/ 2161/ 2163
418 D (49 kW) Eng.XUD9AL	91-95	**PA393**		•	Eng -10CU4N4014119	GWP337/ 8
	91-95	**PA391**		•	Eng 10CU4N4014120-	GWP2513,GWP344
418 TD, SW (65 kW) Eng.XUD7TE	91-95	**PA393**		•	Eng -10CV2L4016153	GWP337/ 8
	91-95	**PA391**		•	Eng 10CV2L4016154-	GWP2513,GWP344
420 GSI/SLI/GTI/Vitesse, SW (100-132 kW) Eng.20T4H	93-95	**PA562**				GWP193/ 347,PEB102420
420 GTI/GSI/Vitesse (103 kW) Eng.20M4F	92-95	**PA561A**		•	Ch -605481	GWP2166,GWP2707
	92-95	**PA562**			Ch 605482-	GWP193/ 347,PEB102420
420 T. (147 kW) Eng.20T4G	93-95	**PA562**				GWP193/ 347,PEB102420
400 II (RT) '5/95-'3/00						
414 Si (76 kW) Eng.14K4F	95-00	**PA427**		•		GWP333,PEB10051,PEB102510L
416 Si (82-83 kW) Eng.16K4F/ D16Y2	95-00	**PA427**		•		GWP333,PEB10051,PEB102510L
418 SW (88-107 kW) Eng.18K4K(VVC)	96-98	**PA427**		•		GWP333,PEB10051,PEB102510L
420 D (63-74-77 kW) Eng.20T2R/ 20T2N	95-00	**PA562**				GWP193/ 347,PEB102420
420 Si Lux (100 kW) Eng.20T4H/T16	95-00	**PA562**				GWP193/ 347,PEB102420
45 (RT) '2/00-						
1.4 16v (76 kW) Eng.14K4F	00-	**PA427**		•		GWP333,PEB10051,PEB102510L
1.6 16v (80 kW) Eng.16K4F/16	00-	**PA427**		•		GWP333,PEB10051,PEB102510L
1.8 16v (85-86 kW) Eng.18K4F/16	00-	**PA427**		•		GWP333,PEB10051,PEB102510L
2.0 i DT (74-77-83 kW) Eng.20T2N	00-	**PA562**				GWP193/ 347,PEB102420
2.0 V6 (110 kW) Eng.20K4F	00-	**PA884**		•		GWP2602,PEB102240
600 (RH) '8/93-'2/99						
618 (85 kW) Eng.F18A3	96-99	**PA943**		•		GWP342/ 345
620 (85-96 kW) Eng.F20Z1/Z2	93-96	**PA943**		•		GWP342/ 345
620 (96 kW) Eng.F20Z1	93-99	**PA943**		•		GWP342/ 345
620 Di (77 kW) Eng.20T2N	94-99	**PA562**				GWP193/ 347,PEB102420
620 SDi (74 kW) Eng.20T2N	94-99	**PA562**				GWP193/ 347,PEB102420
620 Ti Vitesse (147 kW) Eng.20T4G	94-99	**PA562**				GWP193/ 347,PEB102420
623 (116 kW) Eng.H23A3	93-99	**PA564**		•		GWP343
75 (RJ), SW '2/99-						
1.8 (88 kW) Eng.18K16	99-	**PA427**		•		GWP333,PEB10051,PEB102510L
1.8 T. (110 kW) Eng.18K4K	03-	**PA427**		•		GWP333,PEB10051,PEB102510L
2.0 CDT (85 kW) Eng.M47R	99-	**PA883**				GWP2604,PEB102440,PEB102470L
2.0 CDTi (96 kW) Eng.204D2	03-	**PA883**				GWP2604,PEB102440,PEB102470L
2.0 V6 (110 kW) Eng.20K4F	99-	**PA884**		•		GWP2602,PEB102240
2.5 V6 (129-130 kW) Eng.25K4F/KV6	99-	**PA884**		•		GWP2602,PEB102240
800 '10/86-'2/99						
820 (100 kW) Eng.20T4H/T16	92-99	**PA562**				GWP193/ 347,PEB102420
820 (74 kW) Eng.20H	88-91	**PA569A**	•	•	Ch 200605-	GWP2156
820 16v (103 kW) Eng.20HD	86-88	**PA561A**		•	Ch -200604	GWP2166,GWP2707
820 16v T. (132 kW) Eng.20T4G	92-99	**PA562**				GWP193/ 347,PEB102420
820 Si (98 kW) Eng.20HDM16	88-91	**PA561A**		•	Ch -200604	GWP2166,GWP2707
820 Sport (145 kW) Eng.20T4G	94-96	**PA561A**		•		GWP2166,GWP2707
820e, SE/Si (88 kW) Eng.20HS	86-91	**PA561A**		•		GWP2166,GWP2707
825 D/SD, Coupe (87 kW) Eng.425SL1RR/4924SHIRG	90-99	**PA420A**	•		Eng. 425SL/4924SH	GWP2162
	90-99	**PA802**	•		Impeller Ø 71mm	GWP2523
	90-99	**PA671**	•		Impeller Ø 76mm	GWP2523
825 Si Lux, Coupe (129 kW) Eng.25K4F	96-99	**PA420A**	•			GWP2162
825 SI/Sterling (123-127 kW) Eng.C25A2	86-88	**PA420A**	•			GWP2162
825 SI/Sterling Kat (110 kW) Eng.C25A1	86-91	**PA420A**	•			GWP2162
A40 '1/61-'12/67						
1.1 (33-36-40-41 kW) Eng.10H	61-67	**PA187**				GWP101/ 102/ 132/ 134
Acclaim '1/82-'12/85						
1.3 (51-52 kW) Eng.EJ	82-85	**PA549**				GWP1104,GWP1140

			
PA187	**PA374**	**PA375**	**PA427**
PA562	**PA587**	**PA883**	**PA884**

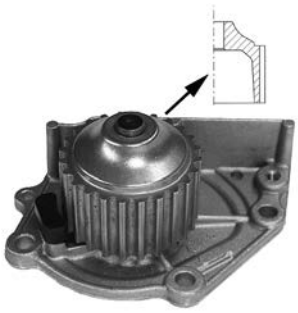
		GRAF ref.			NOTE	Adaptable for OES
Allegro (ADO 67) '5/73-						
1.0 (31-33-41 kW) Eng.A1.0	80-83	**PA187**				GWP101/ 102/ 132/ 134
1.1 (33-36-40-41 kW) Eng.10H	73-81	**PA187**				GWP101/ 102/ 132/ 134
1.3 (46-56 kW) Eng.A1.3	79-83	**PA187**				GWP101/ 102/ 132/ 134
1.3, SW (40-43 kW) Eng.12H	73-82	**PA187**				GWP101/ 102/ 132/ 134
Coupe '3/96-'11/99						
1.6 16v (82 kW) Eng.16K4F	96-99	**PA427**		•		GWP333,PEB10051,PEB102510L
1.8 16v (107 kW) Eng.18K4K(VVC)	96-99	**PA427**		•		GWP333,PEB10051,PEB102510L
Maestro I (XC) '3/83-'1/91						
1.3 (45-46 kW) Eng.12H/12HC32/12H999AA	83-85	**PA375**				GWP151/ 158
1.3 LS (49 kW) Eng.12H	83-90	**PA375**				GWP151/ 158
1.6 Mayfair HLS (61 kW) Eng.16HC37	83-90	**PA374**		•		GWP157/ 173/ 183
Marina I '4/71-'9/75						
1.3, Coupe (42-44 kW)	71-75	**PA187**				GWP101/ 102/ 132/ 134
Marina II '3/75-'10/78						
1.3 (42 kW) Eng.12H	75-78	**PA187**				GWP101/ 102/ 132/ 134
Marina III '9/78-'10/80						
1.3, SW (42-43 kW) Eng.12V	78-80	**PA187**				GWP101/ 102/ 132/ 134
Metro MG '10/80-'9/90						
1.0 (30-31-41 kW) Eng.A1.0	80-90	**PA587**				GWP154
1.0 (31-33-41 kW) Eng.99H	80-90	**PA587**				GWP154
1.0 (35 kW) Eng.99HA65P	80-90	**PA587**				GWP154
1.3 (39-45-51 kW) Eng.12HA83AA	80-90	**PA587**				GWP154
1.3 (39-45-51 kW) Eng.12HL	80-83	**PA587**				GWP154
1.3 (44 kW) Eng.12HC21AA	85-90	**PA587**				GWP154
1.3 (52 kW) Eng.12H996AA	80-85	**PA587**				GWP154
1.3 (54-56 kW) Eng.A1.3	82-90	**PA587**				GWP154
1.3 T. (66-69 kW) Eng.12HA85AA	82-90	**PA587**				GWP154
Metro Van '10/80-'9/90						
1.0 (30-33 kW) Eng.99H	80-90	**PA587**				GWP154
1.0 (35 kW) Eng.99HA65P	80-90	**PA587**				GWP154
1.3 (44 kW) Eng.12HC21AA	85-90	**PA587**				GWP154
1.3 (46 kW) Eng.12HL	80-83	**PA587**				GWP154
1.3 (51 kW) Eng.12HA83AA	80-90	**PA587**				GWP154
1.3 (52 kW) Eng.12H996AA	80-85	**PA587**				GWP154
1.3 (54 kW)	82-90	**PA587**				GWP154
1.3 T. (66-69 kW) Eng.12HA85AA	82-90	**PA587**				GWP154
MG TF '3/02-						
1.6 16v (85 kW) Eng.16K4F	02-	**PA427**		•		GWP333,PEB10051,PEB102510L
1.8 (100 kW) Eng.18K4F	02-	**PA427**		•		GWP333,PEB10051,PEB102510L
1.8 (118 kW) Eng.18K4K	02-	**PA427**		•		GWP333,PEB10051,PEB102510L
1.8 (88 kW) Eng.18K4F	02-	**PA427**		•		GWP333,PEB10051,PEB102510L
MG ZR, Express '6/01-						
1.4 16v (76 kW) Eng.14K4F	01-	**PA427**		•		GWP333,PEB10051,PEB102510L
1.8 (118 kW) Eng.18K4K	01-	**PA427**		•		GWP333,PEB10051,PEB102510L
1.8 (86 kW) Eng.18K4F	01-	**PA427**		•		GWP333,PEB10051,PEB102510L
2.0 TD (74 kW) Eng.20T2N	01-	**PA562**				GWP193/ 347,PEB102420
MG ZS '7/01-						
180 2.5 (130 kW) Eng.25K4F	01-	**PA884**		•		GWP2602,PEB102240
MG ZT, ZT-T '6/01-						
2.0 CDTi (85 kW) Eng.204D2	02-03	**PA883**				GWP2604,PEB102440,PEB102470L
2.0 CDTi (96 kW) Eng.204D2	02-	**PA883**				GWP2604,PEB102440,PEB102470L

PA187

PA284

PA374

PA375



PA427

PA562

PA636

		GRAF ref.			NOTE	Adaptable for OES
MGF (RD) '3/95-'3/02						
1.6 16v (82 kW) Eng.16K4F	00-02	**PA427**		•		GWP333,PEB10051,PEB102510L
1.8 (118 kW) Eng.K18VVC	01-02	**PA427**		•		GWP333,PEB10051,PEB102510L
1.8 16v (107 kW) Eng.18K4K(VVC)	95-02	**PA427**		•		GWP333,PEB10051,PEB102510L
1.8 16v (88-107 kW) Eng.18K4F	95-02	**PA427**		•		GWP333,PEB10051,PEB102510L
Midget '1/64-'12/79						
1.3 (39-45-48-51 kW) Eng.A1275	67-74	**PA187**				GWP101/ 102/ 132/ 134
Mini Mk I '1/67-						
0.8 (25-30 kW) Eng.BMCSerieA	67-79	**PA187**				GWP101/ 102/ 132/ 134
1.0 (26 kW)	67-84	**PA187**				GWP101/ 102/ 132/ 134
1.0 Mayfair (31-41 kW) Eng.99H997P/99HA53P/99HC20P	82-93	**PA187**				GWP101/ 102/ 132/ 134
1.0, Mayfair Sport (30 kW) Eng.99HD81	88-93	**PA187**				GWP101/ 102/ 132/ 134
1.1 Special (33-36-40-41 kW) Eng.10H	76-81	**PA187**				GWP101/ 102/ 132/ 134
1.3 (37 kW) Eng.12A2B	92-	**PA187**				GWP101/ 102/ 132/ 134
1.3 (39 kW) Eng.12A2D	92-95	**PA187**				GWP101/ 102/ 132/ 134
1.3 (44-45 kW) Eng.12A2A	67-91	**PA187**				GWP101/ 102/ 132/ 134
1.3, Cabrio (46 kW) Eng.12A2E/L	92-	**PA187**				GWP101/ 102/ 132/ 134
Mini Mk I Cooper '1/67-'12/91						
0.8 Cooper S (25 kW) Eng.BMCSerieA	67-79	**PA187**				GWP101/ 102/ 132/ 134
1.0 Cooper (29 kW) Eng.99H	67-84	**PA187**				GWP101/ 102/ 132/ 134
1.3 Cooper S (44 kW) Eng.12A2A	67-91	**PA187**				GWP101/ 102/ 132/ 134
Mini Mk I Van, Pick-Up '1/67-'6/93						
0.8 (25 kW) Eng.BMCSerieA	67-79	**PA187**				GWP101/ 102/ 132/ 134
1.0 (26 kW)	67-84	**PA187**				GWP101/ 102/ 132/ 134
1.0 Mayfair (31 kW) Eng.99H997P/99HA53P/99HC20P	82-93	**PA187**				GWP101/ 102/ 132/ 134
1.0, Mayfair Sport (30 kW) Eng.99HD81	88-93	**PA187**				GWP101/ 102/ 132/ 134
1.1 Special (33-36-40-41 kW) Eng.10H	76-81	**PA187**				GWP101/ 102/ 132/ 134
Montego (XE), SW '4/84-'10/95						
1.3, SW (39-45-50-51 kW) Eng.12H	84-85	**PA375**				GWP151/ 158
1.6 LS,HL (61 kW) Eng.16HC37	84-88	**PA374**		•		GWP157/ 173/ 183
Streetwise '8/03-						
1.4 (62-76 kW) Eng.14K4M/ F	03-	**PA427**		•		GWP333,PEB10051,PEB102510L
2.0 TD (74 kW) Eng.20T2N	03-	**PA562**				GWP193/ 347,PEB102420

SAAB

90 '8/84-'8/87						
2.0 (74 kW) Eng.B20I	84-87	**PA284**				7501547,7507460,8817900,9307893
900 I, SW Coupe '9/78-'6/94						
2.0 c (74-79-80-85-87-93-107 kW) Eng.B20/B201/BI20/BS120BT20	78-84	**PA284**				7501547,7507460,8817900,9307893
2.0 c (74 kW) Eng.B20/B201XC	79-88	**PA284**				7501547,7507460,8817900,9307893
2.0 EMS (Exc. SW) (74-79-80-85-87-93-107 kW) Eng.B20/B201/BI20/BS120BT20	79-80	**PA284**				7501547,7507460,8817900,9307893
2.0 i (74-79-80-85-87-93-107 kW) Eng.B20/B201/BI20/BS120BT20	78-90	**PA284**				7501547,7507460,8817900,9307893
2.0 i (85 kW) Eng.B201XI	80-90	**PA284**				7501547,7507460,8817900,9307893
2.0 T. (110 kW) Eng.B201X/XL	86-88	**PA284**				7501547,7507460,8817900,9307893
2.0 T. (92-118-129 kW) Eng.B202X/I	86-91	**PA284**				7501547,7507460,8817900,9307893
2.0-16 (92-118-129 kW) Eng.B202X/I	86-88	**PA284**				7501547,7507460,8817900,9307893
2.0-16 T. (96-104-118-129 kW) Eng.B202S	91-94	**PA284**				7501547,7507460,8817900,9307893
2.0-16 T. (96-118-129 kW) Eng.B202L	93-94	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.0-16 T., Cabrio, kat (92-118-125-129 kW) Eng.B202XL	84-93	**PA284**				7501547,7507460,8817900,9307893
2.0-16, Cabrio (87-93-98 kW) Eng.B202I	89-94	**PA284**				7501547,7507460,8817900,9307893
2.1-16, Cabrio (100 kW) Eng.B212I	89-93	**PA284**				7501547,7507460,8817900,9307893

PA413

PA636

PA637

PA638

PA672

PA727

PA730

PA957

Cuscinetto rinforzato
Reinforced bearing

PA1085

KP727-1

KP1085-2

		GRAF ref.			NOTE	Adaptable for OES
900 II, Coupe, Cabrio '7/93-'2/98						
2.0-16 (96 kW) Eng.B204I	94-98	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.0-16 (Exc. Cabrio) (98 kW) Eng.B206I	93-94	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.0-16 T. (136 kW) Eng.B204L	93-98	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.3-16 (110 kW) Eng.B234I	93-98	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.5-24 V6 (125 kW) Eng.B258I	93-98	**PA637**				4770970,8821944
9000 '9/84-'12/98						
2.0-16 (110 kW) Eng.B204E/B202S	93-98	**PA638**	•			9321688
2.0-16 (92-94-118-129 kW) Eng.B202I	89-98	**PA413**				4610176,4610192,8817918,9321670
2.0-16 (96-110 kW) Eng.B204I/L	93-98	**PA638**	•			9321688
2.0-16 T. (127 kW) Eng.B202	89-92	**PA413**				4610176,4610192,8817918,9321670
2.0-16 T. (92-94-118-129 kW) Eng.B202X/XI/XL	84-93	**PA413**				4610176,4610192,8817918,9321670
2.0-16 T. (96-108-118-129 kW) Eng.B202S	92-98	**PA638**	•			9321688
2.0-16 T. (96-118-129-136 kW) Eng.B202L	88-98	**PA413**				4610176,4610192,8817918,9321670
2.3 16 T. (147 kW) Eng.B234L	90-98	**PA638**	•			9321688
2.3-16 (107-108-110 kW) Eng.B234I	89-98	**PA638**	•			9321688
2.3-16 Aero (162-165 kW) Eng.B234R	93-98	**PA638**	•			9321688
2.3-16 T. (143 kW) Eng.B234L	90-98	**PA638**	•			9321688
2.3-16, Eco-Power (125-143 kW) Eng.B234E	93-98	**PA638**	•			9321688
3.0-24 V6 (155 kW) Eng.B308I	94-98	**PA637**				4770970,8821944
9-3 I (YS3D), Cabrio '2/98-'9/02						
2.0 T. (110-113 kW) Eng.B204E	98-02	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.0 T. (110 kW) Eng.B205E	01-02	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.0 T. (136 kW) Eng.B204L	98-02	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.0 T. (147 kW) Eng.B204R	98-02	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.0 T. (151 kW) Eng.B205L/R	99-02	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.0-16 (96 kW) Eng.B204I	98-02	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.2 TiD (Exc. Cabrio) (85 kW) Eng.X22DTH	98-00	**PA730**				4772711,90502378
2.2 TiD (Exc. Cabrio) (92 kW) Eng.D223L	98-00	**PA730**				4772711,90502378
2.3 i (108-110 kW) Eng.B234I	98-02	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.3 T. (165-169 kW) Eng.B235R	98-02	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
9-3 II (YS3F), SW, Cabrio '9/02-						
1.8 i (90 kW) Eng.Z18XE	04-	**PA727**		•		90543935
	1/04-	**KP727-1**		•	Belt:162x20, PA727	90543935
1.8 T. (110 kW) Eng.B207E	02-	**PA957**	•			93181118,93195308
1.9 TiD (110 kW) Eng.Z19DTH	04-	**PA1085**		•	+RB	55568637,93179114
	9/04-	**KP1085-2**		•	Belt:199x24, PA1085	55568637,93179114
1.9 TiD (88 kW) Eng.Z19DT	04-	**PA672**		•		93178713
1.9 TTiD (118 kW) Eng.A19DTR	11-	**PA1085**		•	+RB	55568637,93179114
1.9 TTiD (132 kW) Eng.Z19DTR	08-	**PA1085**		•	+RB, Eng 17376049-	55568637,93179114
	08-	**KP1085-2**		•	Belt:199x24, PA1085	55568637,93179114
1.9 TTiD (96 kW) Eng.A19DTR	07-	**PA1085**		•	+RB	55568637,93179114
2.0 (143 kW)	06-07	**PA957**	•			93181118,93195308
2.0 T (185 kW)	04-	**PA957**	•			93181118,93195308
2.0 T, XWD (120 kW) Eng.B207G	07-	**PA957**	•			93181118,93195308
2.0 T, XWD (162 kW) Eng.A20NFT	11-	**PA957**	•			93181118,93195308
2.0 T, XWD (177 kW)	09-	**PA957**	•			93181118,93195308
2.0 T. (129 kW) Eng.B207L	02-	**PA957**	•			93181118,93195308
2.0 T. (147 kW) Eng.B207L	07-	**PA957**	•			93181118,93195308
2.0 T. (154 kW) Eng.B207R	02-	**PA957**	•			93181118,93195308

PA036

PA284

PA636

PA637

PA730

PA957

PA959

PA991

Cuscinetto rinforzato
Reinforced bearing

PA1085

KP1085-2

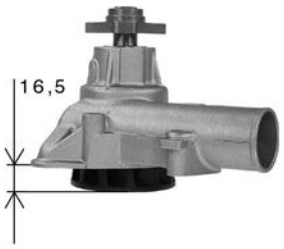
		GRAF ref.			NOTE	Adaptable for OES
2.2 TiD (85-88-92 kW) Eng.D223L	02-	**PA730**				4772711,90502378
2.8 T V6 (188 kW) Eng.B284L	07-	**PA991**				12566029,12588982
2.8 T V6 (203 kW) Eng.B284R	08-	**PA991**				12566029,12588982
2.8 T. V6 (169 kW) Eng.LP9	05-	**PA991**				12566029,12588982
2.8 T. V6 (184 kW) Eng.B638R	05-	**PA991**				12566029,12588982
2.8 T. V6 XWD (206 kW) Eng.B284R	08-	**PA991**				12566029,12588982
						9-4x '1/11-
2.8 T XWD (224 kW) Eng.LAU/LP9	11-	**PA991**				12566029,12588982
						9-5 I (YS3E), SW '9/97-'4/10
1.9 TiD (110 kW) Eng.Z19DTH	06-	**PA1085**		•	+RB	55568637,93179114
	1/06-4/10	**KP1085-2**		•	Belt:199x24, PA1085	55568637,93179114
1.9 TiD (129 kW) Eng.Z19DTR	07-10	**PA1085**		•	+RB	55568637,93179114
2.0 (136 kW) Eng.B205L	00-01	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.0 T (129 kW) Eng.B205F	98-	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.0 T. (110 kW) Eng.B205E	97-	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.0 T. (132 kW) Eng.B205E	07-	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.0 T. (141 kW) Eng.B204L	98-	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.2 TiD (85-88-92 kW) Eng.D223L	02-	**PA730**				4772711,90502378
2.3 SW (224 kW)	03-05	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.3 T. (125-169 kW) Eng.B235E	97-	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.3 T. (134 kW) Eng.B235E	08-10	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.3 T. (136 kW) Eng.B235E	01-	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.3 T. (154 kW) Eng.B235R	07-10	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.3 T. (162 kW) Eng.B235L	03-	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.3 T. (169 kW) Eng.B235R	99-01	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.3 T. (184 kW) Eng.B235R	01-	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.3 T. (188 kW) Eng.B235R	08-10	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
2.3 T. (191 kW) Eng.B235R	05-	**PA636**	•			5960414,8822710,8822744,8822793,93166829 9321951
3.0 V6t (147 kW) Eng.B308E	98-	**PA637**				4770970,8821944
						9-5 II (YS3G), SW '5/10-
1.6 T (132 kW) Eng.A16LET	10-	**PA959**				24405895
2.0 T (162 kW) Eng.A20NHT	10-	**PA957**	•			93181118,93195308
2.0 TiD (118 kW) Eng.A20DTH	10-	**PA1085**		•	+RB	55568637,93179114
2.0 TTiD (140 kW) Eng.A20DTR	10-	**PA1085**		•	+RB	55568637,93179114
2.8 T V6 XWD (221 kW) Eng.A28NER	10-	**PA991**				12566029,12588982
						95 SW '10/65-'12/78
1.5 V4 (46-48-50 kW) Eng.FordV4	65-78	**PA036**				5005036,6036362
						96 '10/65-'8/80
1.5 GT (50 kW) Eng.FordV4	65-80	**PA036**				5005036,6036362
1.5 V4 (46-48-50 kW) Eng.FordV4	65-80	**PA036**				5005036,6036362
						99 '4/72-'12/84
2.0 (70 kW) Eng.B20P	72-74	**PA284**				7501547,7507460,8817900,9307893
2.0 (74-85-87-80-93 kW) Eng.B20C/B20I	74-84	**PA284**				7501547,7507460,8817900,9307893
2.0 (74-85-87-80-93 kW) Eng.B20I	74-78	**PA284**				7501547,7507460,8817900,9307893

PA016

PA017

PA020

PA088



PA162

PA554

PA559

PA869

PA938

		GRAF ref.			NOTE	Adaptable for OES
300/350 '9/98-						
1.6 D, Cabrio (66 kW) Eng.DV6ATED4	98-	**PA938**		•		17400-69K00

SCANIA

112 H '1/81-'12/86						
280 (206 kW) Eng.DS11.14	81-86	**PA869**				1314406
305 (224 kW) Eng.DS11.15	81-86	**PA869**				1314406
112 M '1/81-'12/86						
305 (224-232 kW) Eng.DS11.15	81-86	**PA869**				1314406
113 E '11/91-						
320 (235-239 kW) Eng.DSC11.16/ 17	91-	**PA869**				1314406
320 (235-239 kW) Eng.DSC11.21	91-	**PA869**				1314406
360 (265-267 kW) Eng.DSC11.13	91-	**PA869**				1314406
360 (265-267 kW) Eng.DSC11.18	91-	**PA869**				1314406
360 (265-267 kW) Eng.DSC11.23	91-	**PA869**				1314406
360 (265-267 kW) Eng.DSC11.30	91-	**PA869**				1314406
380 (280 kW) Eng.DSC11.22	94-	**PA869**				1314406
380 (280 kW) Eng.DSC11.70	91-	**PA869**				1314406
113 H '5/88-						
310 (228-229 kW) Eng.DSC11.06	88-	**PA869**				1314406
310 (228-229 kW) Eng.DSC11.08	90-	**PA869**				1314406
320 (235-239 kW) Eng.DSC11.16/ 17	91-	**PA869**				1314406
320 (235-239 kW) Eng.DSC11.21	91-	**PA869**				1314406
360 (265-267 kW) Eng.DSC11.13	91-	**PA869**				1314406
360 (265-267 kW) Eng.DSC11.18	91-	**PA869**				1314406
360 (265-267 kW) Eng.DSC11.23	91-	**PA869**				1314406
360 (265-267 kW) Eng.DSC11.30	91-	**PA869**				1314406
380 (280 kW) Eng.DSC11.22	94-	**PA869**				1314406
380 (280 kW) Eng.DSC11.70	91-	**PA869**				1314406
113 M '11/91-						
320 (235-239 kW) Eng.DSC11.16	91-	**PA869**				1314406
320 (235-239 kW) Eng.DSC11.17	91-	**PA869**				1314406
320 (235-239 kW) Eng.DSC11.21	91-	**PA869**				1314406
360 (265-267 kW) Eng.DSC11.13	91-	**PA869**				1314406
360 (265-267 kW) Eng.DSC11.18	91-	**PA869**				1314406
360 (265-267 kW) Eng.DSC11.23	91-	**PA869**				1314406
360 (265-267 kW) Eng.DSC11.30	91-	**PA869**				1314406
380 (280 kW) Eng.DSC11.22	94-	**PA869**				1314406
380 (280 kW) Eng.DSC11.70	91-	**PA869**				1314406

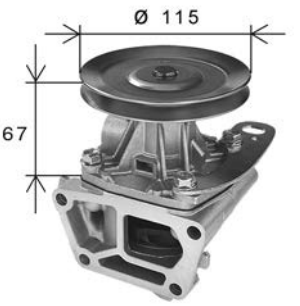
SEAT

124 '1/68-'10/80						
1.2, SW (44 kW) Eng.124A/B	68-76	**PA016**				FA03200000
	75-76	**PA020**				FA03200003
1.2, SW (48 kW) Eng.021A1/FA	68-78	**PA016**				FA03200000
	78-80	**PA020**				FA03200003
1.43 (55 kW) Eng.124B2.000	70-76	**PA162**				FL032000 00
	70-76	**PA017**			Sport, Coupe, Spider	FD032000 00,FD032001 00
1.43 Especial (70 kW)	70-76	**PA017**			Sport, Coupe, Spider	FD032000 00,FD032001 00
	75-76	**PA162**				FL032000 00
127 (127A) '4/72-'12/82						
0.9 (33 kW) Eng.A112A5	72-82	**PA088**				HB032000 01,SE020032000A
1.0 (38 kW) Eng.127A.000	72-82	**PA559**			+RB	4336009,5882691,5890406
128 '1/76-'12/80						
1.2 (49 kW)	76-80	**PA554**	•			5882695

PA006

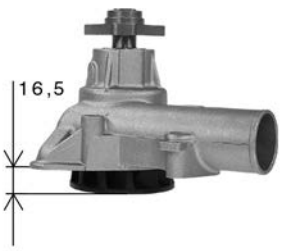
PA008

PA020

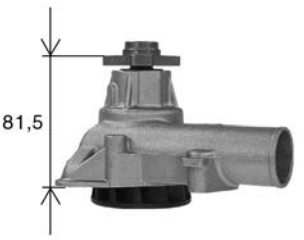


PA054

PA161



PA162



PA163

PA178

PA279

PA554

PA579

PA878

PA879

PA947

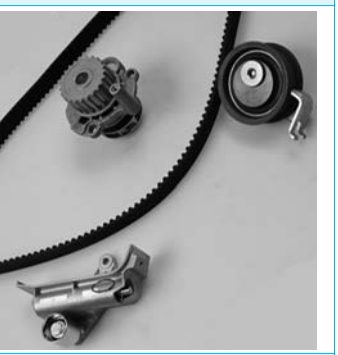
PA1104

PA1105

KP762-2

KP878-1

KP947-2



KP947-4

		GRAF ref.			NOTE	Adaptable for OES
1.2 (49 kW)	76-80	**PA054**			+BH	5882695
1.4 (57 kW)	76-80	**PA554**	•			5882695
	76-80	**PA054**			+BH	5882695
131 '10/74-'12/86						
1.5 (55-62 kW) Eng.021A.2000	82-85	**PA020**				FA03200003
1.6 (71 kW) Eng.132BBOAO	82-85	**PA162**			II Serie, Supermirafiori	FL032000 00
2.4 D (53 kW) Eng.8144.61	78-86	**PA161**				4755003,4764782,7303050
	78-86	**PA178**				4714636,4754850,4764761,7303009
132 '5/73-'12/82						
1.6 (72 kW) Eng.132AB	73-80	**PA163**			II Serie	GE032000 02
1.8 (77 kW) Eng.132A/B/C1	73-80	**PA163**				GE032000 02
1.9 (80 kW)	79-82	**PA163**				GE032000 02
600 '3/55-'4/70						
0.8 D (17 kW) Eng.100D	63-70	**PA006**				BA03209901,BD03200102
850 '1/66-'7/75						
0.9 (25-27 kW) Eng.100G	66-75	**PA008**				EA03200101,ED03200100
0.9 (35 kW) Eng.100GB	66-74	**PA008**				EA03200101,ED03200100
Alhambra I (7V8, 7V9) '4/96-'9/10						
1.8 T. 20v (110 kW) Eng.AJH/AWC	97-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	10/97-9/10	**KP947-2**		•	Eng.AJH, Belt:150x23, PA947	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	10/97-9/10	**KP947-4**		•	Eng.AWC, Belt:150x23, PA947	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.9 TDi (110 kW) Eng.BTB	05-	**PA879**		•		045 121 011F/ H
1.9 TDi (66 kW) Eng.1Z/AHU/ANU	96-	**PA279**	•		Eng. 1H, AHU	026 121 005A/ C/ E/ G/ H
	96-	**PA1104**	•		+RB, Eng. 1H, AHU,, +PS	037 121 005C
	96-	**PA579**			+BH, Eng. 1H, AHU	026 121 010F,037 121 010/ A
	96-	**PA878**		•	Eng. ANU	038 121 011G/ J
	96-	**PA1105**			+RB, +BH, Eng. 1H, AHU, +PS	037 121 010C
	1/03-	**KP878-1**		•	Eng.ANU, Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
	-11/02	**KP762-2**		•	Eng.ANU, Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B

PA279

PA579

PA617

PA674

PA878

PA879

PA904

PA947

PA1051

PA1071

PA1072

PA1089

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

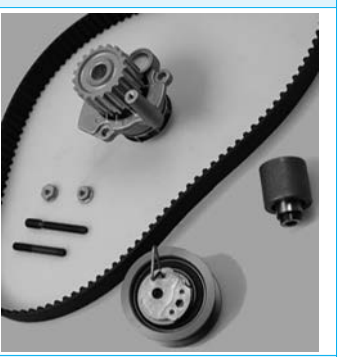
PA1137

PA1167

KP762-1

KP762-2

KP878-1



KP879-1

		GRAF ref.			NOTE	Adaptable for OES
1.9 TDi (66 kW) Eng.1Z/AHU/ANU	-12/02	**KP762-1**		•	Eng.ANU, Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B 038 198 119A/ C
1.9 TDi (81 kW) Eng.AFN	96-00	**PA279**	•			026 121 005A/ C/ E/ G/ H
	96-00	**PA1104**	•		+RB, +PS	037 121 005C
	96-00	**PA579**			+BH	026 121 010F,037 121 010/ A
	96-00	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.9 TDi, 4motion (85 kW) Eng.AUY/BVK	6/00-	**PA878**		•		038 121 011G/ J
	1/03-	**KP878-1**		•	Eng.BVK, Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
	-12/02	**KP762-1**		•	Eng.BVK, Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B 038 198 119A/ C
	-5/02	**KP762-2**		•	Eng.AUY, Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B
	6/02-	**KP878-1**		•	Eng.AUY, Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
1.9 TDi, 4x4 (96 kW) Eng.ASZ	11/02-	**PA879**		•		045 121 011F/ H
	11/02-9/10	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
2.0 i (85 kW) Eng.ADY/ATM	96-	**PA279**	•		Eng. ADY	026 121 005A/ C/ E/ G/ H
	96-	**PA1104**	•		+RB, Eng. ADY,, +PS	037 121 005C
	96-	**PA579**			+BH, Eng. ADY	026 121 010F,037 121 010/ A
	96-	**PA947**		•	Eng. ATM	06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	96-	**PA1105**			+RB, +BH, Eng. ADY, +PS	037 121 010C
2.0 TDi (103 kW) Eng.BRT	05-10	**PA878**		•		038 121 011G/ J
	12/05-9/10	**KP762-1**		•	Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B 038 198 119A/ C
2.8 V6 (150 kW) Eng.AYL	6/00-	**PA617**	•		Ch -7M2525000	021 121 004/ A
Alhambra II (710) '10/10-						
1.8 TFSi (118 kW) Eng.CDAA	12-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TDi (100 kW) Eng.CFFA	10-11	**PA1089**		•		03L 121 011/ H
2.0 TDi (125 kW) Eng.CFGB	10-	**PA1137**				03L 121 011C/ J
2.0 TDi (130 kW) Eng.CFGC	13-	**PA1137**				03L 121 011C/ J
2.0 TDi (85 kW) Eng.CFFE	10-	**PA1089**		•		03L 121 011/ H
2.0 TDi, 4x4 (103 kW) Eng.CFFB	10-	**PA1089**		•		03L 121 011/ H
2.0 TSi (147 kW) Eng.CCZA	10-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
Altea (5P1) / Altea XL '3/04-						
1.2 TSi (77 kW) Eng.CBZB	10-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.4 16v (63 kW) Eng.BXW/CGGB	07-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
1.4 TSi (92 kW) Eng.CAXA/CAXC	07-	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 (75 kW) Eng.BGU/BSE/BSF/CCSA/CMXA	04-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.6 LPG (75 kW) Eng.CHGA	09-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.6 Multifuel (75 kW) Eng.CCSA	06-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.6 TDi (66 kW) Eng.CAYB	10-	**PA1137**				03L 121 011C/ J
1.6 TDi (77 kW) Eng.CAYC	10-	**PA1137**				03L 121 011C/ J
1.8 16v TFSI (118 kW) Eng.BYT/BZB/CDAA	07-	**PA1072**	•		Eng. BYT/ BZB	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
	07-	**PA1071**	•		Eng. CDAA	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L

PA603

PA674

PA676

PA804

PA878

PA879

PA904

PA905

PA980

PA1072

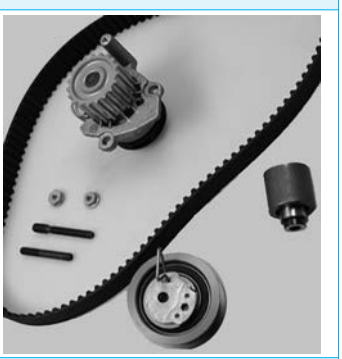
PA1089

PA1090

KP603-1

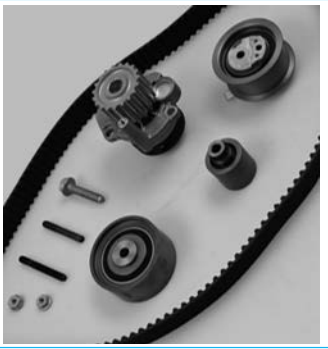
KP674-1

KP676-1



KP878-1

KP879-1



KP905-1

KP905-2

KP980-1

		GRAF ref.			NOTE	Adaptable for OES
1.9 TDi (66 kW) Eng.BXF	10-	**PA879**		•		045 121 011F/ H
1.9 TDi (77 kW) Eng.BKC/BJB/BLS/BXE	04-	**PA879**		•		045 121 011F/ H
	4/04-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
2.0 FSI (110 kW) Eng.BLR/BLY/BVY/BVZ	04-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 TDi (100 kW) Eng.AZV	04-	**PA905**		•		038 121 011H/ K,03G 121 011
	04-	**KP905-2**		•	Belt:141x30, PA905, Ch 5P7032501-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
	3/04-	**KP905-1**		•	Belt:141x30, PA905, Ch -5P7032500	038 120 011H/ HX,038 121 011H/ K/ KX 03G 198 119
2.0 TDi DPF, 4WD (125 kW) Eng.BMN/CEGA	05-	**PA905**		•	Eng. BMN	038 121 011H/ K,03G 121 011
	05-	**PA1090**		•	Eng. CEGA	03L 121 011G
	05-	**KP905-2**		•	Eng.BMN, Belt:141x30, PA905	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TDi,4WD (103 kW) Eng.BKD/BMM/CFHC	04-	**PA905**		•	Eng. BKD	038 121 011H/ K,03G 121 011
	04-	**PA878**		•	Eng. BMM	038 121 011G/ J
	10-	**PA1089**		•	Eng. CFHC	03L 121 011/ H
	04-	**KP905-2**		•	Eng.BKD, Belt:141x30, PA905, Ch 5P7032501-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
	3/04-	**KP905-1**		•	Eng.BKD, Belt:141x30, PA905, Ch -5P7032500	038 120 011H/ HX,038 121 011H/ K/ KX 03G 198 119
	3/04-	**KP878-1**		•	Eng.BMM, Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 TFSi 4WD (155 kW) Eng.CCZB	09-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TFSi FR, 4WD (147 kW) Eng.BWA	05-	**PA980**		•		06A 121 011R,06F 121 011
	1/05-	**KP980-1**		•	Belt:148x23, PA980	06F 121 011/ X,06F 198 119A
Arosa (6H) '5/97-						
1.0 (37 kW) Eng.AHT	97-	**PA804**				047 121 013J
1.0 i (37 kW) Eng.AER/ALD/ALL/ANV/AUC	97-	**PA676**		•		030 121 005S,030 121 008A/ C
	5/97-	**KP676-1**		•	Eng.ALD,ANV,AUC, Ch 6HY014001-	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 (44 kW) Eng.AEX/AKV/APQ	97-	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	5/97-	**KP603-1**		•	Belt:135x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,030 198 119A 6K0 198 001A
1.4 (44 kW) Eng.AKK/AUD	97-	**PA676**		•		030 121 005S,030 121 008A/ C
	5/97-	**KP676-1**		•	Belt:135x19, PA676, Ch 6HY014001-	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 (44 kW) Eng.ANW	97-	**PA676**		•		030 121 005S,030 121 008A/ C
	5/97-	**KP676-1**		•	Belt:135x19, PA676, Ch 6HY014001-	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 16v (74 kW) Eng.AFK/ANM/AQQ/AUB	00-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	1/00-	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E

PA279

30 teeth pulley

PA425

PA579

PA603

PA609

PA676

PA879

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

KP425-1

KP603-1

KP603-2

KP761-1

		GRAF ref.			NOTE	Adaptable for OES
1.4 TDi (55 kW) Eng.AMF	00-	**PA879**		•		045 121 011F/ H
	1/00-	**KP761-1**		•	Belt:120x30, PA761, Ch 6H2023001-	038 198 119A/ C,045 121 011B/ BV/ BX
1.7 SDi (44 kW) Eng.AKU	97-	**PA609**				028 121 004/ V/ X
Cordoba I (6K2/C2/6K5), Vario '2/93-'6/99						
1.0 i (37 kW) Eng.AER/ALD/ALL/ANV/AUC	96-99	**PA425**		•	30 Teeth pulley	030 121 005L
1.4 (44 kW) Eng.AEX/AKV/ANX/APQ	96-99	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	1/96-12/99	**KP603-1**		•	Belt:135x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,030 198 119A 6K0 198 001A
1.4 (44 kW) Eng.AKK/AUD	1/96-99	**PA676**		•		030 121 005S,030 121 008A/ C
	9/93-12/95	**PA425**		•	30 Teeth pulley	030 121 005L
1.4 (44 kW) Eng.ANW	96-99	**PA676**		•		030 121 005S,030 121 008A/ C
1.4 i (44 kW) Eng.ABD	12/95-99	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	94-12/95	**PA425**		•	30 Teeth pulley	030 121 005L
	6/94-6/99	**KP425-1**		•	Belt:128x19, PA425	030 121 004A/ B,030 121 005H/ L
1.4 i 16v (74 kW) Eng.AFH	96-99	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
1.6 i (74 kW) Eng.AFT	96-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	96-99	**PA1104**	•		+RB, +PS	037 121 005C
	96-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	96-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.6i (52-54-55 kW) Eng.1F	96-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	96-99	**PA1104**	•		+RB, +PS	037 121 005C
	96-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	96-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
	9/96-6/99	**KP603-2**		•	Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.6i (55 kW) Eng.ABU	96-99	**PA425**		•	30 Teeth pulley	030 121 005L
1.6i (55 kW) Eng.AEE/ALM	96-99	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	9/96-6/99	**KP603-2**		•	Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.8 i (66 kW) Eng.ABS/ADZ	93-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	93-99	**PA1104**	•		+RB, +PS	037 121 005C
	93-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	93-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.8 i 16v (95 kW) Eng.ADL	93-96	**PA279**	•			026 121 005A/ C/ E/ G/ H
	93-96	**PA1104**	•		+RB, +PS	037 121 005C
	93-96	**PA579**			+BH	026 121 010F,037 121 010/ A
	93-96	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.9 SDi (47 kW) Eng.1Y/ AEF/AEY	93-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	93-99	**PA1104**	•		+RB, +PS	037 121 005C
	93-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	93-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.9 TD (50-55 kW) Eng.AAZ	93-96	**PA279**	•			026 121 005A/ C/ E/ G/ H
	93-96	**PA1104**	•		+RB, +PS	037 121 005C
	93-96	**PA579**			+BH	026 121 010F,037 121 010/ A
	93-96	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.9 TDi (66 kW) Eng.1Z/AHU/ANU	96-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	96-99	**PA1104**	•		+RB, +PS	037 121 005C
	96-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	96-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.9 TDi (81 kW) Eng.AFN	97-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	97-99	**PA1104**	•		+RB, +PS	037 121 005C
	97-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	97-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
2.0 i (85 kW) Eng.2E/AGG/ADY	93-99	**PA279**	•			026 121 005A/ C/ E/ G/ H

PA279

PA579

PA603

PA654

PA674

PA676

PA731

PA855

PA879

PA904

PA947

PA1104

PA1105

KP603-2

KP674-1

KP676-1

KP731-1

KP879-1

KP904-1

KP947-4

		GRAF ref.			NOTE	Adaptable for OES
2.0 i (85 kW) Eng.2E/AGG/ADY	93-99	PA1104	•		+RB, +PS	037 121 005C
	93-99	PA579			+BH	026 121 010F,037 121 010/ A
	93-99	PA1105			+RB, +BH,, +PS	037 121 010C
2.0 i 16v (110 kW) Eng.ABF	96-99	PA279	•			026 121 005A/ C/ E/ G/ H
	96-99	PA1104	•		+RB, +PS	037 121 005C
	96-99	PA579			+BH	026 121 010F,037 121 010/ A
	96-99	PA1105			+RB, +BH,, +PS	037 121 010C
Cordoba II (6K2/6K5), Vario '6/99-'10/02						
1.0 (37 kW) Eng.ALD/ANV/AUC	99-02	PA676		•		030 121 005S,030 121 008A/ C
	6/99-10/02	KP676-1		•	Eng.ALD, Belt:135x19, PA676, Eng 127807-	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.0 16v (51 kW) Eng.AST/AVZ	00-02	PA654		•		036 121 005M
1.4 (44 kW) Eng.AEX/AKV/APQ	99-02	PA603		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	6/99-10/02	KP676-1		•	Eng.AKK, Belt:135x19, PA676, Eng 127807-	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 (44 kW) Eng.AKK/AUD/ANW	99-02	PA676		•		030 121 005S,030 121 008A/ C
	6/99-10/02	KP676-1		•	Belt:135x19, PA676, Eng 127807-	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 16v (55 kW) Eng.APE/AUA	00-02	PA674		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	5/00-10/02	KP674-1		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 16v (74 kW) Eng.AFK/ANM/AQQ/AUB	00-02	PA654		•		036 121 005M
1.6 (55 kW) Eng.ALM	99-02	PA603		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	6/99-10/02	KP603-2		•	Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.6 (74 kW) Eng.AEH/AKL/APF/AUR	99-02	PA904		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	6/99-10/02	KP904-1		•	Belt:138x23, PA904	06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q
1.8 T. 20v Cupra (115 kW) Eng.AQX/AYP	00-02	PA947		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	7/00-10/02	KP947-4		•	Belt:150x23, PA947	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.9 SDi (50 kW) Eng.AGP/AQM	99-02	PA731		•		038 121 011/ A/ AV/ AX
	6/99-10/02	KP731-1		•	Belt:141x25, PA731, Eng 229903-	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (66 kW) Eng.AGR/ALH	99-02	PA731		•		038 121 011/ A/ AV/ AX
	6/99-10/02	KP731-1		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (81 kW) Eng.ASK/ASV	99-02	PA731		•		038 121 011/ A/ AV/ AX
	6/99-10/02	KP731-1		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
Cordoba III (6L2) '10/02-						
1.2 (47 kW) Eng.AZQ	02-	PA855				03D 121 005,03D 121 013B
1.2 12v (51 kW) Eng.BXV	07-	PA855				03D 121 005,03D 121 013B
1.4 16v (55 kW) Eng.BBY	02-	PA674		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	10/02-	KP674-1		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 16v (63 kW) Eng.BXW	07-	PA674		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
1.4 16v (74 kW) Eng.BBZ	02-	PA674		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	10/02-	KP674-1		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 TDi (51 kW) Eng.BNM	05-	PA879		•		045 121 011F/ H
	5/05-	KP879-1		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX

PA088

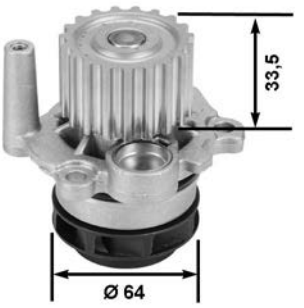
PA230

PA304

PA425

PA603

PA761



PA762

PA806

PA875

PA878

PA879

PA904

PA947

PA954

PA980

PA1071

PA1072

KP425-1

KP879-1

		GRAF ref.			NOTE	Adaptable for OES
1.4 TDi (55 kW) Eng.AMF	02-	**PA879**		•		045 121 011F/ H
	10/02-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.4 TDi (59 kW) Eng.BMS	05-	**PA879**		•		045 121 011F/ H
	6/05-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.6 (74 kW) Eng.BAH	03-	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
1.6 16v (77 kW) Eng.BTS	06-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.9 SDi (47 kW) Eng.ASY	02-	**PA806**		•	Ch -9N2100000	045 121 011C
	02-	**PA875**		•	Ch 9N2100001-	045 121 011G/ J
1.9 TDi (74 kW) Eng.ATD	02-	**PA761**		•	Ch -6L3000000	045 121 011B
	10/02-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi (96 kW) Eng.ASZ	02-	**PA762**		•	Ch -6L3000000	038 121 011C/ D,03L 121 011B
	02-	**PA878**		•	Ch 6L3000001-	038 121 011G/ J
	10/02-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
2.0 (85 kW) Eng.AZL/BBX	02-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
Exeo, ST (3R) '4/09-						
1.6 (75 kW) Eng.ALZ	09-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.8 T (110 kW) Eng.CFMA	09-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
1.8 TSi (118 kW) Eng.CDHB	10-	**PA1071**	•			06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
1.8 TSi (88 kW) Eng.CDHA	10-	**PA1071**	•			06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
2.0 TDi (105 kW) Eng.CAGA/CJCA	09-	**PA762**		•		038 121 011C/ D,03L 121 011B
2.0 TDi (125 kW) Eng.CAHA/CGLB	09-	**PA762**		•		038 121 011C/ D,03L 121 011B
2.0 TDi (88 kW) Eng.CAGC/CJCC	09-	**PA762**		•		038 121 011C/ D,03L 121 011B
2.0 TFSi (155 kW) Eng.CDND	10-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TSi (147 kW) Eng.BWE	09-	**PA980**		•		06A 121 011R,06F 121 011
Fura (025A) '1/82-'12/86						
0.9 (29 kW) Eng.09NCA/100GL7000	84-86	**PA088**				HB032000 01,SE020032000A
0.9 (31 kW) Eng.HB90	82-86	**PA088**				HB032000 01,SE020032000A
0.9 (33 kW) Eng.100GL	82-86	**PA088**				HB032000 01,SE020032000A
1.4 (55 kW) Eng.127B7.000	82-86	**PA088**				HB032000 01,SE020032000A
Ibiza I (021A) '6/84-'12/93						
0.9 (29 kW) Eng.09NCA/A112A5	90-93	**PA088**				HB032000 01,SE020032000A
0.9 (32 kW) Eng.146A.000	86-93	**PA088**				HB032000 01,SE020032000A
1.2 (44-46 kW) Eng.021A.1000	84-93	**PA304**		•		SE021032000A
1.2 i (52 kW) Eng.021C.1000	89-93	**PA304**		•		SE021032000A
1.5 (62-63 kW) Eng.021A.2000	84-93	**PA304**		•		SE021032000A
1.5 i (65 kW) Eng.021D.2000	86-93	**PA304**		•		SE021032000A
1.5 i (74 kW) Eng.021B.2000	86-93	**PA304**		•		SE021032000A
1.5 i Kat (66 kW) Eng.021C.2000	86-93	**PA304**		•		SE021032000A
1.7 (72 kW) Eng.021A.3000	91-93	**PA230**				SE700032000A
1.7 (76 kW) Eng.021B.3000	91-93	**PA230**				SE700032000A
1.7 D (40-42 kW) Eng.022A.5000	84-93	**PA230**				SE700032000A
Ibiza II (6K1) '3/93-'8/99						
1.0 (33 kW) Eng.AAU	2/93-96	**PA425**		•	30 Teeth pulley	030 121 005L
	3/93-9/96	**KP425-1**		•	Belt:128x19, PA425	030 121 004A/ B,030 121 005H/ L
1.0 i (37 kW) Eng.AER/ALD/ALL/ANV/AUC	96-99	**PA425**		•	30 Teeth pulley	030 121 005L
1.3 i (40 kW) Eng.AAV	93-99	**PA425**		•	30 Teeth pulley	030 121 005L
	-6/96	**KP425-1**		•	Belt:128x19, PA425	030 121 004A/ B,030 121 005H/ L
1.4 (40 kW) Eng.ANX	12/97-4/99	**KP425-1**		•	Belt:128x19, PA425	030 121 004A/ B,030 121 005H/ L
1.4 (44 kW) Eng.AEX/AKV/APQ	12/95-99	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	9/93-12/95	**PA425**		•	30 Teeth pulley	030 121 005L

PA279

30 teeth pulley

PA425

PA579

PA603

PA654

PA676

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

KP603-1

KP603-2

KP731-1

		GRAF ref.			NOTE	Adaptable for OES
1.4 (44 kW) Eng.AEX/AKV/APQ	1/97-12/99	**KP603-1**		•	Eng.APQ, Belt:135x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,030 198 119A 6K0 198 001A
1.4 (44 kW) Eng.AKK/AUD/ANW	1/96-	**PA676**		•		030 121 005S,030 121 008A/ C
	9/93-12/95	**PA425**		•	30 Teeth pulley	030 121 005L
1.4 i (44 kW) Eng.ABD	12/95-99	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	9/93-12/95	**PA425**		•	30 Teeth pulley	030 121 005L
1.4 i 16v (74 kW) Eng.AFH	96-99	**PA654**		•		036 121 005M
1.6 i (55 kW) Eng.AEE/ALM	93-99	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	3/93-8/99	**KP603-2**		•	Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.6 i (74 kW) Eng.AFT	96-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	96-99	**PA1104**	•		+RB, +PS	037 121 005C
	96-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	96-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.6i (52-54-55 kW) Eng.1F	93-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	93-99	**PA1104**	•		+RB, +PS	037 121 005C
	93-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	93-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.6i (55 kW) Eng.ABU	93-99	**PA425**		•	30 Teeth pulley	030 121 005L
1.8 i (66 kW) Eng.ABS/ADZ	93-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	93-99	**PA1104**	•		+RB, +PS	037 121 005C
	93-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	93-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.8 i 16v (95 kW) Eng.ADL	93-96	**PA279**	•			026 121 005A/ C/ E/ G/ H
	93-96	**PA1104**	•		+RB, +PS	037 121 005C
	93-96	**PA579**			+BH	026 121 010F,037 121 010/ A
	93-96	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.9 D (47-50 kW) Eng.1Y/AEF/AEY	93-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	93-99	**PA1104**	•		+RB, +PS	037 121 005C
	93-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	93-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.9 TD (50-55 kW) Eng.AAZ	93-96	**PA279**	•			026 121 005A/ C/ E/ G/ H
	93-96	**PA1104**	•		+RB, +PS	037 121 005C
	93-96	**PA579**			+BH	026 121 010F,037 121 010/ A
	93-96	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.9 TDi (66 kW) Eng.1Z/AHU/ANU	96-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	96-99	**PA1104**	•		+RB, +PS	037 121 005C
	96-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	96-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
	8/96-8/99	**KP731-1**		•	Eng.1Z, Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (81 kW) Eng.AFN	97-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	97-99	**PA1104**	•		+RB, +PS	037 121 005C
	97-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	97-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
	2/97-8/99	**KP731-1**		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
2.0 i (85 kW) Eng.2E/AGG	93-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	93-99	**PA1104**	•		+RB, +PS	037 121 005C
	93-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	93-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
2.0 i 16v (110 kW) Eng.ABF	96-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	96-99	**PA1104**	•		+RB, +PS	037 121 005C
	96-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	96-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
Ibiza III (6K1) '8/99-'2/02						
1.0 (37 kW) Eng.ALD/ANV/AUC	99-02	**PA676**		•		030 121 005S,030 121 008A/ C

PA603

PA674

PA676

PA731

PA855

PA904

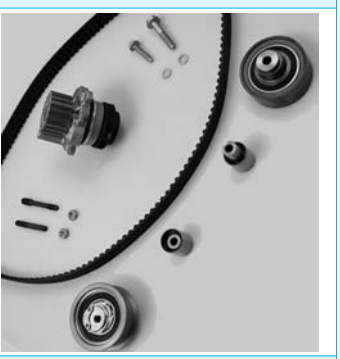
PA947

KP603-2

KP674-1

KP674-2

KP676-1



KP731-1

KP904-1

KP947-4

		GRAF ref.			NOTE	Adaptable for OES
1.0 (37 kW) Eng.ALD/ANV/AUC	8/99-2/02	**KP676-1**		•	Eng.ALD, Belt:135x19, PA676, Eng 127807-	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 (44 kW) Eng.AKK/AUD	99-02	**PA676**		•		030 121 005S,030 121 008A/ C
	8/99-2/02	**KP676-1**		•	Eng.AUD, Belt:135x19, PA676, Eng 127807-	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 (44 kW) Eng.ANW	99-02	**PA676**		•		030 121 005S,030 121 008A/ C
	8/99-2/02	**KP676-1**		•	Belt:135x19, PA676, Eng 127807-	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 16v (55 kW) Eng.APE	00-02	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	5/00-2/02	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 16v (55 kW) Eng.AUA	00-02	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	1/00-12/00	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 16v (74 kW) Eng.AFK/ANM/AQQ/AUB	99-02	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	8/99-2/02	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.6 (55 kW) Eng.ALM	99-02	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	8/99-2/02	**KP603-2**		•	Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.6 (74 kW) Eng.AEH/AKL/APF/AUR	99-02	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	8/99-2/02	**KP904-1**		•	Belt:138x23, PA904	06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q
1.8 T. 20v Cupra (115 kW) Eng.AQX/AYP	00-02	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	7/00-2/02	**KP947-4**		•	Belt:150x23, PA947	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.9 SDi (50 kW) Eng.AGP/AQM	99-02	**PA731**		•		038 121 011/ A/ AV/ AX
	8/99-2/02	**KP731-1**		•	Eng.AQM, Belt:141x25, PA731, Eng 004132-	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (66 kW) Eng.AGR/ALH/ALK	99-02	**PA731**		•		038 121 011/ A/ AV/ AX
	8/99-2/02	**KP731-1**		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (81 kW) Eng.ASK/ASV	99-02	**PA731**		•		038 121 011/ A/ AV/ AX
	8/99-2/02	**KP731-1**		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
Ibiza IV (6L1) '2/02-'6/08						
1.2 (44 kW) Eng.BBM	07-08	**PA855**				03D 121 005,03D 121 013B
1.2 (47 kW) Eng.AZQ/BME	02-	**PA855**				03D 121 005,03D 121 013B
1.2 12v (51 kW) Eng.BXV	3/07-6/08	**PA855**				03D 121 005,03D 121 013B
1.4 16v (55 kW) Eng.BBY/BKY	02-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	02-08	**KP674-2**		•	Belt:130x20, PA674, Ch 6L6000001-	036 109 119AG/ M/ P/ Q 036 109 243AB/ AC/ AD/ AE/ AG/ E/ K/ L/ R/ S 036 109 244C/ D/ J 036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	2/02-6/08	**KP674-1**		•	Belt:130x20/58x17, PA674, Ch -6L6000001	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 16v (63 kW) Eng.BXW	07-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	07-	**KP674-1**		•	Belt:130x20/58x17, PA674, Ch -6L6000001	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E

PA603

PA674

PA761

PA806

PA855

PA875

PA879

PA905

PA947

PA954

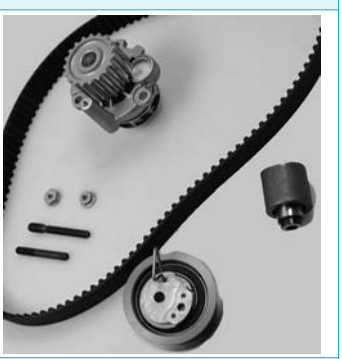
PA1089

PA1137

PA1167

KP674-1

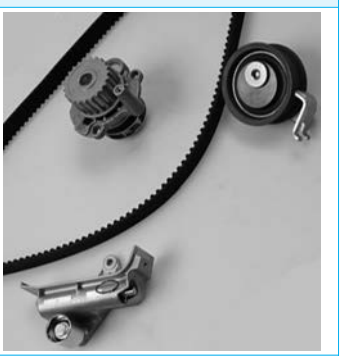
KP674-2



KP761-1

KP879-1

		GRAF ref.			NOTE	Adaptable for OES
1.4 16v (63 kW) Eng.BXW	07-	**KP674-2**		•	Belt:130x20, PA674, Ch 6L6000001-	036 109 119AG/ M/ P/ Q 036 109 243AB/ AC/ AD/ AE/ AG/ E/ K/ L/ R/ S 036 109 244C/ D/ J 036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
1.4 16v (74 kW) Eng.AUB/BBZ	02-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	2/02-6/08	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 TDi (51 kW) Eng.BNM	05-08	**PA879**		•		045 121 011F/ H
	5/05-6/08	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.4 TDi (55 kW) Eng.AMF	02-08	**PA879**		•		045 121 011F/ H
	5/02-6/08	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.4 TDi (59 kW) Eng.BMS/BNV	05-	**PA879**		•		045 121 011F/ H
	6/05-6/08	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.6 (74 kW) Eng.BAH	03-	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
1.6 16v (77 kW) Eng.BTS	06-08	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.8 T. Cupra R (132 kW) Eng.BBU/BLZ	04-08	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
1.8 T. FR (110 kW) Eng.BKV/BJX	03-08	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
1.9 SDi (47 kW) Eng.ASY	02-	**PA806**		•	Ch -9N2100000	045 121 011C
	02-	**PA875**		•	Ch 9N2100001-	045 121 011G/ J
1.9 TDi (74 kW) Eng.ATD/AXR/BMT	02-	**PA761**		•	Ch -6L3000000	045 121 011B
	-5/02	**KP761-1**		•	Belt:120x30, PA761	038 198 119A/ C,045 121 011B/ BV/ BX
	6/02-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi (96 kW) Eng.ASZ	02-	**PA761**		•	Ch -6L3000000	045 121 011B
	02-	**PA879**		•	Ch 6L3000001-	045 121 011F/ H
	2/02-6/08	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi Cupra R (110 kW) Eng.ARL	04-	**PA905**		•		038 121 011H/ K,03G 121 011
1.9 TDi Cupra R (118 kW) Eng.BPX	04-	**PA905**		•		038 121 011H/ K,03G 121 011
2.0 (85 kW) Eng.AZL/BBX	4/02-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
Ibiza V (6J5,1,8), Sportcoupe, ST SW '7/08-						
1.2 (44 kW) Eng.CGPB/CHFA	09-	**PA855**				03D 121 005,03D 121 013B
1.2 12v (51 kW) Eng.BXV/BZG/CGPA	08-	**PA855**				03D 121 005,03D 121 013B
1.2 TDi (55 kW) Eng.CFWA	10-	**PA1089**		•		03L 121 011/ H
1.2 TSi (63 kW) Eng.CBZA	12-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.2 TSi (77 kW) Eng.CBZB	10-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.4 16v (63 kW) Eng.BXW/CGGB	08-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	08-	**KP674-2**		•	Belt:130x20, PA674	036 109 119AG/ M/ P/ Q 036 109 243AB/ AC/ AD/ AE/ AG/ E/ K/ L/ R/ S 036 109 244C/ D/ J 036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
1.4 TDi (59 kW) Eng.BMS/BNV	08-	**PA879**		•		045 121 011F/ H
1.6 16v (77 kW) Eng.BTS	08-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.6 LPG (60 kW) Eng.CNKA	11-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.6 TDi (55 kW) Eng.CAYA	10-	**PA1089**		•		03L 121 011/ H
1.6 TDi (66 kW) Eng.CAYB	09-	**PA1089**		•		03L 121 011/ H
1.6 TDi (77 kW) Eng.CAYC/CLNA	10-	**PA1089**		•		03L 121 011/ H
1.9 TDi (66 kW) Eng.BXJ	08-	**PA879**		•		045 121 011F/ H
1.9 TDi (77 kW) Eng.BLS	08-	**PA879**		•		045 121 011F/ H
2.0 (85 kW) Eng.CEKA	08-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
2.0 TDi (105 kW) Eng.CFHD	10-	**PA1137**				03L 121 011C/ J

PA674	**PA765**	**PA904**	**PA947**
			
KP674-1	**KP904-1**	**KP947-2**	**KP947-4**

		GRAF ref.			NOTE	Adaptable for OES
						Leon I (1M1) '11/99-'9/05
1.4 16v (55 kW) Eng.AHW/AXP/BCA	99-05	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	11/99-9/05	**KP674-1**		•	Eng.AHW, Belt:130x20/58x17, PA674, Eng 160001-	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 16v (55 kW) Eng.APE	99-05	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
1.6 (74 kW) Eng.AEH/AKL	99-05	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	11/99-9/05	**KP904-1**		•	Belt:138x23, PA904	06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q
1.6 (75 kW) Eng.BFQ	05-06	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.6 16v (77 kW) Eng.AUS/AZD/BCB	99-05	**PA765**		•		036 121 005F/ P,036 121 008G
1.8 20v (92 kW) Eng.AGN/APG	99-05	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	11/99-9/05	**KP947-2**		•	Belt:150x23, PA947, Ch -1MYB088000	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	11/99-9/05	**KP947-4**		•	Belt:150x23, PA947, Ch 1MYR016501-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 20v T. (132 kW) Eng.APP/AUQ	99-05	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	11/99-9/05	**KP947-2**		•	Belt:150x23, PA947, Ch -1MYB088000	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	11/99-9/05	**KP947-4**		•	Belt:150x23, PA947, Ch 1MYB088001-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 20v T4 (132 kW) Eng.AJQ/ARY	99-05	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	11/99-9/05	**KP947-4**		•	Belt:150x23, PA947, Ch 1MYR016501-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
	11/99-9/05	**KP947-2**		•	Belt:150x23, PA947, Ch -1MYR019500	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
1.8 T. Cupra R (154 kW) Eng.AMK	02-05	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	2/02-9/05	**KP947-4**		•	Belt:150x23, PA947	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 T. Cupra R (165 kW) Eng.BAM	03-05	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G

PA617

PA658

PA674

PA731

PA762

PA878

PA879

PA904

PA905

PA947

PA1051

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PA1072

PA1089

PA1167

KP731-1

KP762-1

KP879-1

KP905-2

KP947-4

		GRAF ref.			NOTE	Adaptable for OES
1.8 T. Cupra R (165 kW) Eng.BAM	7/03-9/05	**KP947-4**		•	Belt:150x23, PA947	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.9 SDi (50 kW) Eng.AGP/AQM	99-02	**PA731**		•		038 121 011/ A/ AV/ AX
	11/99-9/05	**KP731-1**		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (66 kW) Eng.AGR/ALH	99-05	**PA731**		•		038 121 011/ A/ AV/ AX
	11/99-9/05	**KP731-1**		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (81 kW) Eng.AHF/ASV	99-05	**PA731**		•		038 121 011/ A/ AV/ AX
	11/99-9/05	**KP731-1**		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (96 kW) Eng.ASZ	03-05	**PA762**		•		038 121 011C/ D,03L 121 011B
	5/03-9/05	**KP762-1**		•	Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B 038 198 119A/ C
1.9 TDi, Syncro (110 kW) Eng.ARL	01-05	**PA905**		•		038 121 011H/ K,03G 121 011
2.3 VR5 (125 kW) Eng.AQN	00-03	**PA658**				066 121 011C/ D,071 121 005
2.8 Cupra 4 (150 kW) Eng.AUE/BDE	01-05	**PA617**	•			021 121 004/ A
Leon II (1P1) '9/05-						
1.2 TSi (77 kW) Eng.CBZB	10-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.4 16v (55 kW) Eng.BBY	05-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
1.4 16v (63 kW) Eng.BXW/CGGB	07-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
1.4 TSi (92 kW) Eng.CAXA/CAXC	07-	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 (75 kW) Eng.BSE/BSF	05-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.6 16v (77 kW) Eng.AZD	05-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.6 LPG (75 kW) Eng.CHGA/CMXA	09-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.6 TDi (66 kW) Eng.CAYB	10-	**PA1089**		•		03L 121 011/ H
1.6 TDi (77 kW) Eng.CAYC	10-	**PA1089**		•		03L 121 011/ H
1.8 16v TFSI (118 kW) Eng.BZB/CDAA	07-	**PA1072**	•		Eng. BZB	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
	07-	**PA1071**	•		Eng. CDAA	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
1.8 T. 20v (132 kW) Eng.AUQ	05-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
1.8 T. 20v (165 kW) Eng.BAM	05-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
1.9 TDi (110 kW) Eng.ARL	05-	**PA731**		•		038 121 011/ A/ AV/ AX
1.9 TDi (66 kW) Eng.BXF	07-	**PA879**		•		045 121 011F/ H
1.9 TDi (74 kW) Eng.AXR	05-	**PA762**		•		038 121 011C/ D,03L 121 011B
1.9 TDi (77 kW) Eng.BKC/BLS/BXE	05-	**PA879**		•		045 121 011F/ H
	9/05-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi (81 kW) Eng.AFN/ASV	05-	**PA731**		•		038 121 011/ A/ AV/ AX
2.0 FSi (110 kW) Eng.BLR/BLY/BVY/BVZ	05-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 TDi (100 kW) Eng.AZV	05-	**PA905**		•		038 121 011H/ K,03G 121 011
	05-	**KP905-2**		•	Belt:141x30, PA905, Ch 1P7000001-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TDi (103 kW) Eng.BKD/BMM/CFHC/CLCB	05-	**PA905**		•	Eng. BKD	038 121 011H/ K,03G 121 011
	05-	**PA878**		•	Eng. BMM	038 121 011G/ J

PA088

PA230

PA279

PA304

PA332

PA423

PA579

PA905

PA980

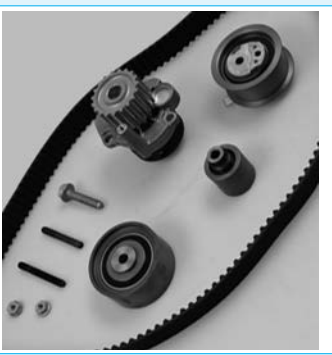
PA1072

PA1090

PA1104

KP878-1

KP904-1



KP905-1

KP905-2

		GRAF ref.			NOTE	Adaptable for OES
2.0 TDi (103 kW) Eng.BKD/BMM/CFHC/CLCB	05-	**KP905-2**		•	Eng.BKD, Belt:141x30, PA905, Ch 1P7000001-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
	9/05-	**KP905-1**		•	Eng.BKD, Belt:141x30, PA905	038 120 011H/ HX,038 121 011H/ K/ KX 03G 198 119
	9/05-	**KP878-1**		•	Eng.BMM, Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 TDi DPF (125 kW) Eng.BMN/CEGA/CFJA	06-	**PA905**		•	Eng. BMN	038 121 011H/ K,03G 121 011
	06-	**PA1090**		•	Eng. CEGA	03L 121 011G
	06-	**KP905-2**		•	Eng.BMN, Belt:141x30, PA905	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TFSI (136 kW) Eng.BWA	05-	**PA980**		•		06A 121 011R,06F 121 011
	9/05-	**KP904-1**		•	Belt:138x23, PA904	06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q
2.0 TFSi (147 kW) Eng.BWA	05-	**PA980**		•		06A 121 011R,06F 121 011
	9/05-	**KP904-1**		•	Belt:138x23, PA904	06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q
2.0 TFSi Cupra (177 kW) Eng.BWJ/CDLD	06-	**PA980**		•		06A 121 011R,06F 121 011
2.0 TSi (155 kW) Eng.CCZB	09-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TSi (195 kW) Eng.CDLA	10-	**PA980**		•		06A 121 011R,06F 121 011
Malaga (023A) '11/84-'12/93						
1.2 (44-46 kW) Eng.021A.1000	84-93	**PA304**		•		SE021032000A
1.2 i (52 kW) Eng.021C.1000	89-93	**PA304**		•		SE021032000A
1.5 (63 kW) Eng.021A.2000	85-93	**PA304**		•		SE021032000A
1.5 i (74 kW) Eng.021B.2000	87-93	**PA304**		•		SE021032000A
1.5 i Kat (66 kW) Eng.021C.2000	86-93	**PA304**		•		SE021032000A
1.7 D (40-42 kW) Eng.022A.5000	85-93	**PA230**				SE700032000A
Marbella (28) '8/86-'10/98						
0.8 (25 kW) Eng.08NCA/100GB	86-93	**PA088**				HB032000 01,SE020032000A
0.9, Kat (29 kW) Eng.09NCA/B	87-96	**PA088**				HB032000 01,SE020032000A
0.9, Kat (30-32 kW) Eng.08NCB/146A	96-98	**PA088**				HB032000 01,SE020032000A
Panda (141A) '10/80-'8/98						
0.8 (25 kW) Eng.100GL6.000	81-85	**PA088**				HB032000 01,SE020032000A
0.9 (31-33 kW) Eng.100GL3.000/146A.000	80-94	**PA088**				HB032000 01,SE020032000A
Ritmo (138) '7/78-'9/83						
1.2 (44-46 kW) Eng.021A.1000	78-83	**PA332**				RF03200001
1.4 (57 kW)	78-83	**PA332**				RF03200001
1.7 D (41 kW) Eng.022A.5000	79-83	**PA230**				SE700032000A
Ronda (022A) '6/82-'11/88						
1.2 (44-46 kW) Eng.021A.1000	84-86	**PA304**		•		SE021032000A
1.2 (47 kW) Eng.124B6.000	83-85	**PA304**		•		SE021032000A
1.4 (54 kW) Eng.124B7.000	82-88	**PA304**		•		SE021032000A
1.5 (62-63 kW) Eng.021A.2000	84-86	**PA304**		•		SE021032000A
1.6 (68 kW) Eng.022A000/138AR6000	83-85	**PA304**		•		SE021032000A
1.7 D (40-42 kW) Eng.022A.5000	82-86	**PA304**		•		SE021032000A
Terra (24) '2/87-'12/96						
0.9, Kat (29 kW) Eng.09NCA/B	87-12/96	**PA088**				HB032000 01,SE020032000A
1.3 D (33 kW) Eng.MN	90-94	**PA423**		•		031 121 004/ A/ AV/ AX/ X 031 121 005A/ C/ CV/ CX
1.4 D (35 kW) Eng.1W	90-95	**PA423**		•		031 121 004/ A/ AV/ AX/ X 031 121 005A/ C/ CV/ CX
Toledo I (1L) '5/91-'3/99						
1.6 i (54 kW) Eng.EZ/ABN	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010F,037 121 010/ A

PA279

PA579

PA674

PA765

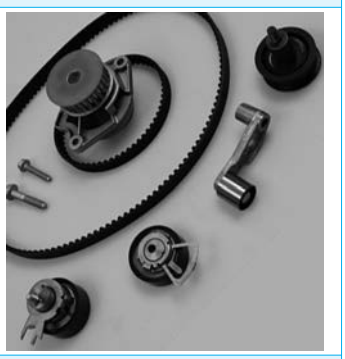
PA904

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105



KP674-1

KP904-1

		GRAF ref.			NOTE	Adaptable for OES
1.6 i (54 kW) Eng.EZ/ABN	91-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.6 i (74 kW) Eng.AFT	96-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	96-99	**PA1104**	•		+RB, +PS	037 121 005C
	96-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	96-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.6i (52-54-55 kW) Eng.1F	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	91-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.8 16v (92 kW) Eng.PL	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	91-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.8 16v (98 kW) Eng.KR	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	91-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.8 i (65 kW) Eng.RP	91-96	**PA279**	•			026 121 005A/ C/ E/ G/ H
	91-96	**PA1104**	•		+RB, +PS	037 121 005C
	91-96	**PA579**			+BH	026 121 010F,037 121 010/ A
	91-96	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.8 i (66 kW) Eng.ABS/ADZ	93-96	**PA279**	•			026 121 005A/ C/ E/ G/ H
	93-96	**PA1104**	•		+RB, +PS	037 121 005C
	93-96	**PA579**			+BH	026 121 010F,037 121 010/ A
	93-96	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.9 D (47-50 kW) Eng.1Y	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	91-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.9 SDi (47 kW) Eng.AEF/AEY	95-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	95-99	**PA1104**	•		+RB, +PS	037 121 005C
	95-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	95-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.9 TD (50-55 kW) Eng.AAZ	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	91-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.9 TDi (66 kW) Eng.1Z/AHU/ANU	95-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	95-99	**PA1104**	•		+RB, +PS	037 121 005C
	95-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	95-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
2.0 i (85 kW) Eng.2E/AGG	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	91-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
2.0 i 16v (110 kW) Eng.ABF	93-99	**PA279**	•			026 121 005A/ C/ E/ G/ H
	93-99	**PA1104**	•		+RB, +PS	037 121 005C
	93-99	**PA579**			+BH	026 121 010F,037 121 010/ A
	93-99	**PA1105**			+RB, +BH,, +PS	037 121 010C
Toledo II (1M2) '4/99-'9/04						
1.4 16v (55 kW) Eng.AHW/AXP	99-04	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	7/99-9/04	**KP674-1**		•	Eng.AXP, Belt:130x20/58x17, PA674, Eng 160001-	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.6 (74 kW) Eng.AEH/AKL	99-00	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	4/99-9/00	**KP904-1**		•	Belt:138x23, PA904	06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q
1.6 (75 kW) Eng.BFQ	05-06	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.6 16v (77 kW) Eng.AUS/AZD/BCB	00-04	**PA765**		•		036 121 005F/ P,036 121 008G

PA279

PA579

PA658

PA731

PA762

PA878

PA879

PA904

PA905

PA947

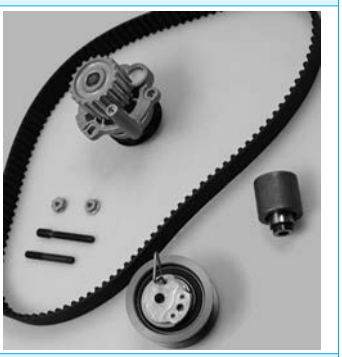
PA1071

PA1072

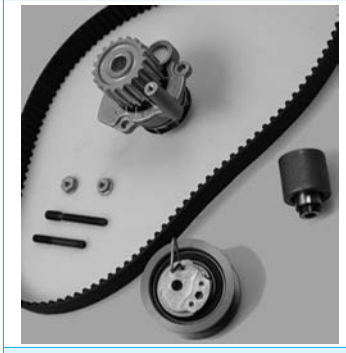
PA1104

PA1105

KP731-1

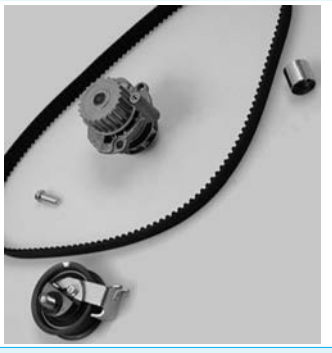


KP762-1

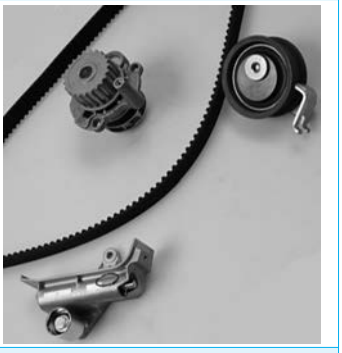


KP879-1

KP905-2



KP947-2



KP947-4

		GRAF ref.			NOTE	Adaptable for OES
1.8 20v (92 kW) Eng.AGN/APG	99-04	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	4/99-9/04	**KP947-2**		•	Belt:150x23, PA947, Ch -1MYB088000	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	4/99-9/04	**KP947-4**		•	Belt:150x23, PA947, Ch 1MYR016501-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 20v T. (132 kW) Eng.ARY/AUQ	01-04	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	5/01-9/04	**KP947-2**		•	Belt:150x23, PA947, Ch -1MYB088000	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	5/01-9/04	**KP947-4**		•	Belt:150x23, PA947, Ch 1MYB088001-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 T (154 kW) Eng.AMK	02-03	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
1.8 T (165 kW) Eng.BAM	03-05	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
1.9 SDi (50 kW) Eng.AQM	99-04	**PA279**	•			026 121 005A/ C/ E/ G/ H
	99-04	**PA1104**	•		+RB, +PS	037 121 005C
	99-04	**PA579**			+BH	026 121 010F,037 121 010/ A
	99-04	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.9 TDi (110 kW) Eng.ARL	00-04	**PA905**		•		038 121 011H/ K,03G 121 011
1.9 TDi (66 kW) Eng.AGR/ALH	99-04	**PA731**		•		038 121 011/ A/ AV/ AX
	4/99-9/04	**KP731-1**		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (74 kW) Eng.AXR	05-06	**PA878**		•		038 121 011G/ J
1.9 TDi (81 kW) Eng.AHF/ASV	99-04	**PA731**		•		038 121 011/ A/ AV/ AX
	4/99-9/04	**KP731-1**		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (96 kW) Eng.ASZ	03-04	**PA762**		•		038 121 011C/ D,03L 121 011B
	5/03-9/04	**KP762-1**		•	Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B 038 198 119A/ C
2.3 V5 (110 kW) Eng.AGZ	99-01	**PA658**				066 121 011C/ D,071 121 005
2.3 V5 20v (125 kW) Eng.AQN	01-04	**PA658**				066 121 011C/ D,071 121 005
2.8, 4WD (150 kW) Eng.AUE/BDE	00-04	**PA658**				066 121 011C/ D,071 121 005
						Toledo III (5P2) '10/04-
1.6 (75 kW) Eng.BGU/BSF/BSE/CCSA	04-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.8 TFSi (118 kW) Eng.BYT/BZB/CDAA	07-	**PA1072**	•		Eng. BYT, BZB	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
	07-	**PA1071**	•		Eng. CDAA	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
1.9 TDi (77 kW) Eng.BKC/BJB/BLS/BXE	04-	**PA879**		•		045 121 011F/ H
	10/04-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
2.0 FSI (110 kW) Eng.BLR/BLY/BVY/BVZ	04-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 TDi (100 kW) Eng.AZV	04-	**PA905**		•		038 121 011H/ K,03G 121 011
	04-	**KP905-2**		•	Belt:141x30, PA905, Ch 5P032501-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011

PA279

PA579

PA603

PA674

PA676

PA731

PA855

PA905

PA954

PA980

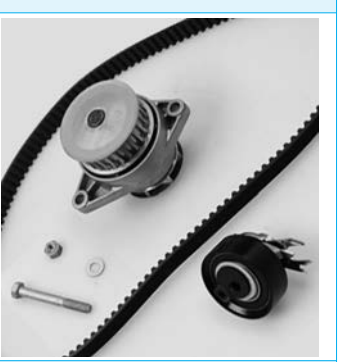
PA1051

PA1090

PA1104

PA1105

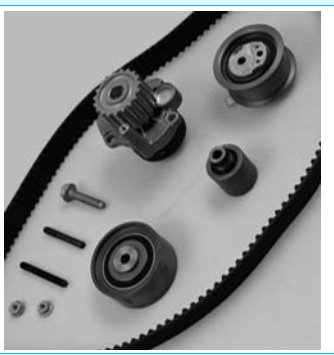
PA1137



KP603-1

KP603-2

KP676-1



KP905-1

KP905-2

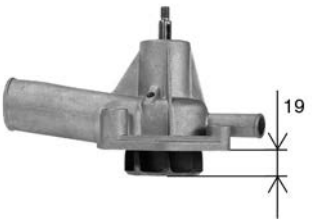
		GRAF ref.			NOTE	Adaptable for OES
2.0 TDi (103 kW) Eng.BKD/BMM	04-	**PA905**		•		038 121 011H/ K,03G 121 011
	04-	**KP905-2**		•	Belt:141x30, PA905, Ch 5P7032501-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
	10/04-	**KP905-1**		•	Belt:141x30, PA905, Ch -5P7032500	038 120 011H/ HX,038 121 011H/ K/ KX 03G 198 119
2.0 TDi (125 kW) Eng.BMN/CEGA	06-	**PA905**		•	Eng. BMN	038 121 011H/ K,03G 121 011
	06-	**PA1090**		•	Eng. CEGA	03L 121 011G
	06-	**KP905-2**		•	Eng.BMN, Belt:141x30, PA905	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TFSi (147 kW) Eng.BWA	05-06	**PA980**		•		06A 121 011R,06F 121 011
Toledo IV (KG3) '2/13-						
1.2 (55 kW) Eng.CGPC	13-	**PA855**				03D 121 005,03D 121 013B
1.4 TSi (90 kW) Eng.CAXA	12-	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 (77 kW) Eng.CFNA	13-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.6 TDI (77 kW) Eng.CAYC/CLNA	13-	**PA1137**				03L 121 011C/ J

Inca (6K9) '11/95-						
1.4 (44 kW) Eng.AEX/AKV/APQ	11/95-	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	11/95-	**KP603-1**		•	Belt:135x19, PA603	030121005N/ NV/ NX/ T/ TX 030121008D/ DX/ J/ K,030198119A 6K0198001A
1.4 (44 kW) Eng.AKK/AUD	95-	**PA676**		•		030 121 005S,030 121 008A/ C
	11/95-	**KP676-1**		•	Eng.AUD, Belt:135x19, PA676	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 (44 kW) Eng.ANW	95-	**PA676**		•		030 121 005S,030 121 008A/ C
1.4 16v (55 kW) Eng.AUA	00-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
1.6 i (55 kW) Eng.AEE	11/95-98	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	11/95-5/98	**KP603-2**		•	Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.6i (52-54-55 kW) Eng.1F	11/95-	**PA279**	•			026 121 005A/ C/ E/ G/ H
	11/95-	**PA1104**	•		+RB, +PS	037 121 005C
	11/95-	**PA579**			+BH	026 121 010F,037 121 010/ A
	11/95-	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.7 D (42 kW) Eng.AHB	96-	**PA279**	•			026 121 005A/ C/ E/ G/ H
	96-	**PA1104**	•		+RB, +PS	037 121 005C
	96-	**PA579**			+BH	026 121 010F,037 121 010/ A
	96-	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.9 D (47 kW) Eng.1Y	11/95-	**PA279**	•			026 121 005A/ C/ E/ G/ H
	11/95-	**PA1104**	•		+RB, +PS	037 121 005C
	11/95-	**PA579**			+BH	026 121 010F,037 121 010/ A
	11/95-	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.9 SDi (47 kW) Eng.AEY/AYQ	12/95-	**PA279**	•		Eng. AEY	026 121 005A/ C/ E/ G/ H
	12/95-	**PA1104**	•		+RB, Eng. AEY, +PS	037 121 005C
	12/95-	**PA579**			+BH, Eng. AEY	026 121 010F,037 121 010/ A
	12/95-	**PA1105**			+RB, +BH, Eng. AEY, +PS	037 121 010C
	95-	**PA731**		•	Eng. AYQ	038 121 011/ A/ AV/ AX

PA088

PA263

PA279



PA316

PA423

PA579

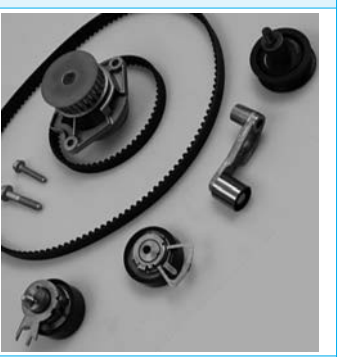
PA674

PA805

PA855

PA1104

PA1105



KP674-1

KP674-2

KP731-1

		GRAF ref.			NOTE	Adaptable for OES
1.9 SDi (47 kW) Eng.AEY/AYQ	11/95-	**KP731-1**		•	Eng.AYQ, Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (66 kW) Eng.1Z/AHU/ALH/ANU	96-	**PA279**	•			026 121 005A/ C/ E/ G/ H
	96-	**PA1104**	•		+RB, +PS	037 121 005C
	96-	**PA579**			+BH	026 121 010F,037 121 010/ A
	96-	**PA1105**			+RB, +BH,, +PS	037 121 010C
Marbella (028A) Van '1/87-'12/93						
0.8 (25 kW) Eng.08NCA/100GB	87-93	**PA088**				HB032000 01,SE020032000A
0.9 (29 kW) Eng.09NCA/B	87-93	**PA088**				HB032000 01,SE020032000A
Terra (024A) Van '1/87-'12/95						
0.9, Kat (29 kW) Eng.09NCA/B	87-95	**PA088**				HB032000 01,SE020032000A
1.3 D (33 kW) Eng.MN	90-92	**PA423**		•		031 121 004/ A/ AV/ AX/ X 031 121 005A/ C/ CV/ CX
1.4 D (35 kW) Eng.1W	90-92	**PA423**		•		031 121 004/ A/ AV/ AX/ X 031 121 005A/ C/ CV/ CX

SKODA

105 (742,744) '8/76-'12/90						
1.0 (32-33 kW) Eng.742/10	76-90	**PA263**				113 050 000
1.05 (34 kW) Eng.742/10	76-90	**PA263**				113 050 000
120 (742,744) '8/76-'12/90						
1.2 (35 kW) Eng.742/12	87-90	**PA263**				113 050 000
1.2 (38 kW) Eng.742/12	76-90	**PA263**				113 050 000
1.2 (43 kW) Eng.742/12X	76-90	**PA263**				113 050 000
130 '2/85-'10/91						
1.3 (45 kW) Eng.742/13	85-91	**PA316**				113 050 001
1.3 G,GL (46 kW) Eng.781136	88-91	**PA316**				113 050 001
1.3 GL (39 kW)	87-91	**PA316**				113 050 001
Fabia I (6Y2, 3, 5), SW '12/99-'5/07						
1.0 (Exc. SW) (37 kW) Eng.AQV/ARV/ATY	99-02	**PA805**				047 121 013L/ M/ P/ R
1.2 (40 kW) Eng.AWY/BMD	02-	**PA855**				03D 121 005,03D 121 013B
1.2 (47 kW) Eng.AZQ/BME	03-	**PA855**				03D 121 005,03D 121 013B
1.4 (44 kW) Eng.AZE/AZF	00-	**PA805**				047 121 013L/ M/ P/ R
1.4 (50 kW) Eng.AME/AQW/ATZ	00-	**PA805**				047 121 013L/ M/ P/ R
1.4 16v (55 kW) Eng.AUA/BBY/BKY	99-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	06-	**KP674-2**		•	Belt:130x20, PA674, Ch 6Y5B050002/6Y54421760-	036 109 119AG/ M/ P/ Q 036 109 243AB/ AC/ AD/ AE/ AG/ E/ K/ L/ R/ S 036 109 244C/ D/ J 036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	12/99-5/07	**KP674-1**		•	Belt:130x20/58x17, PA674, Ch -6Y5B050001/6Y54421759	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 16v (59 kW) Eng.BUD	06-07	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	06-07	**KP674-2**		•	Belt:130x20, PA674, Ch 6Y5B050002/6Y54421760-	036 109 119AG/ M/ P/ Q 036 109 243AB/ AC/ AD/ AE/ AG/ E/ K/ L/ R/ S 036 109 244C/ D/ J 036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	4/06-5/07	**KP674-1**		•	Belt:130x20/58x17, PA674, Ch -6Y54421759	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 16v (74 kW) Eng.AUB/BBZ	99-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	06-	**KP674-2**		•	Belt:130x20, PA674, Ch 6Y5B050002/6Y54421760-	036 109 119AG/ M/ P/ Q 036 109 243AB/ AC/ AD/ AE/ AG/ E/ K/ L/ R/ S 036 109 244C/ D/ J 036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	12/99-5/07	**KP674-1**		•	Belt:130x20/58x17, PA674, Ch -6Y54421759	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E

PA663

PA674

PA761

PA806

PA855

PA875

PA879

PA947

PA954

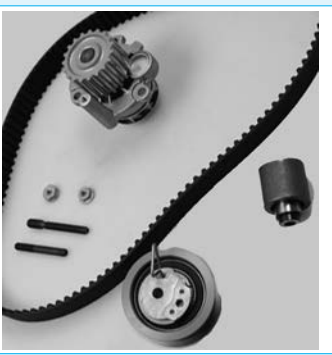
PA966

PA1089

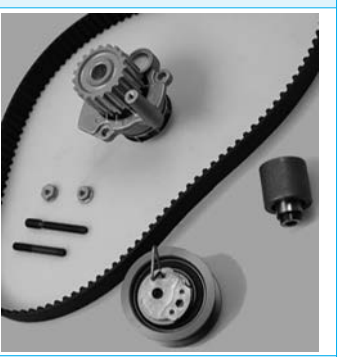
PA1137

PA1167

KP674-2



KP761-1



KP879-1

		GRAF ref.			NOTE	Adaptable for OES
1.4 TDi (51 kW) Eng.BNM	05-	**PA879**		•		045 121 011F/ H
	10/05-5/07	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.4 TDi (55 kW) Eng.AMF	03-07	**PA879**		•		045 121 011F/ H
	4/03-5/07	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.4 TDi (59 kW) Eng.BNV	05-	**PA879**		•		045 121 011F/ H
	10/05-5/07	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 SDi (47 kW) Eng.ASY	99-	**PA806**		•	Ch -9N2100000	045 121 011C
	99-	**PA875**		•	Ch 9N2100001-	045 121 011G/ J
1.9 TDi (74 kW) Eng.ATD/AXR	00-	**PA761**		•	Ch -9N2100000	045 121 011B
	00-	**PA879**		•	Ch 9N2100001-	045 121 011F/ H
	-1/01	**KP761-1**		•	Belt:120x30, PA761, Ch 6Y3740480-	038 198 119A/ C,045 121 011B/ BV/ BX
	-1/01	**KP761-1**		•	Eng.AXR, Belt:120x30, PA761, Ch -6Y1X013283	038 198 119A/ C,045 121 011B/ BV/ BX
	2/01-	**KP879-1**		•	Eng.ATD, Belt:120x30, PA879, Ch 6Y1X013284-	038 198 119A/ C,045 121 011F/ FX/ H/ HX
	2/01-	**KP879-1**		•	Eng.AXR, Belt:120x30, PA879, Ch 6Y23306085-	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi (Exc. SW) (96 kW) Eng.ASZ	03-07	**PA879**		•		045 121 011F/ H
	9/03-5/07	**KP879-1**		•	Belt:120x30, PA879, Ch 6Y2412299-	038 198 119A/ C,045 121 011F/ FX/ H/ HX
2.0 (85 kW) Eng.AQY/AZL/AZH	99-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
Fabia II (5J2), SW '5/07-						
1.2 (40 kW) Eng.AWY/BMD	07-	**PA855**			Eng. AWY	03D 121 005,03D 121 013B
1.2 (44 kW) Eng.BBM/CHFA	07-	**PA855**				03D 121 005,03D 121 013B
1.2 12v (51 kW) Eng.BZG/CEVA/CGPA/CHTA	07-	**PA855**				03D 121 005,03D 121 013B
1.2 16v (44 kW) Eng.CGPB	11-	**PA855**				03D 121 005,03D 121 013B
1.2 TDi (55 kW) Eng.CFWA	10-	**PA1089**		•		03L 121 011/ H
1.2 TSi (63 kW) Eng.CBZA	10-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.2 TSi (77 kW) Eng.CBZB	10-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.4 16v (63 kW) Eng.BXW/CGGB	07-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	07-	**KP674-2**		•	Belt:130x20, PA674	036 109 119AG/ M/ P/ Q 036 109 243AB/ AC/ AD/ AE/ AG/ E/ K/ L/ R/ S 036 109 244C/ D/ J 036 121 005B/ E/ Q/ QX/ S/ 036 121 008K/ L/ M
1.4 TDi (51 kW) Eng.BNM	07-	**PA879**		•		045 121 011F/ H
	5/07-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.4 TDi (59 kW) Eng.BMS/BNV	07-	**PA879**		•		045 121 011F/ H
	5/07-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.6 16v (77 kW) Eng.BTS/CFNA	07-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.6 TDi (55 kW) Eng.CAYA	10-	**PA1089**		•		03L 121 011/ H
1.6 TDi (66 kW) Eng.CAYB	10-	**PA1137**				03L 121 011C/ J
1.6 TDi (77 kW) Eng.CAYC	10-	**PA1137**				03L 121 011C/ J
1.9 TDi (77 kW) Eng.BLS/BSW	07-	**PA879**		•		045 121 011F/ H
Favorit (781) '5/89-'9/94						
1.3 (40 kW) Eng.781.135E	90-94	**PA663**				047 121 011A,115 050 001
1.3 (42-43-44 kW) Eng.781.135	89-94	**PA663**				047 121 011A,115 050 001
1.3 (45 kW) Eng.136L	90-94	**PA663**				047 121 011A,115 050 001
1.3 (50 kW) Eng.136B	1/94-9/94	**PA663**				047 121 011A,115 050 001
Favorit Forman (785) '8/91-'6/95						
1.3 (40-42-43-44 kW) Eng.781.135/ E	10/94-95	**PA966**				007 070 243
	91-9/94	**PA663**				047 121 011A,115 050 001
1.3 (45 kW) Eng.OHC	10/94-95	**PA966**				007 070 243
	91-9/94	**PA663**				047 121 011A,115 050 001
1.3 (50 kW) Eng.136B	9/94-95	**PA966**				007 070 243
	94--9/94	**PA663**				047 121 011A,115 050 001
Favorit Pick-Up (787) '12/92-'6/97						
1.3 (40-42-43 kW) Eng.781.135	92-97	**PA663**				047 121 011A,115 050 001
1.3 (40 kW) Eng.135B	92-97	**PA663**				047 121 011A,115 050 001

PA603

PA609

PA619

PA674

PA691

PA904

PA966

PA988

KP603-2

KP674-1

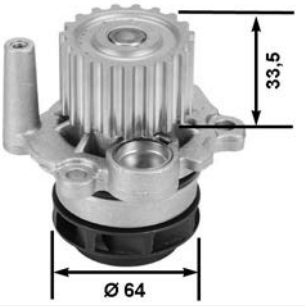
KP904-1

		GRAF ref.			NOTE	Adaptable for OES
1.3 (50 kW) Eng.136B	92-97	**PA966**				007 070 243
Felicia I (6U1, 6U5), SW '10/94-'3/98						
1.3 (40 kW) Eng.135B/AMG	94-98	**PA619**				007 070 246,047 121 011
	94-98	**PA691**			+Air	007 070 251,047 121 011B
1.3 (43 kW) Eng.135L/AMJ	94-98	**PA619**				007 070 246,047 121 011
	94-98	**PA691**			+Air	007 070 251,047 121 011B
1.3 (50 kW) Eng.136B/AMH	94-98	**PA619**				007 070 246,047 121 011
	94-98	**PA691**			+Air	007 070 251,047 121 011B
1.6 (55 kW) Eng.AEE	95-98	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	8/95-3/98	**KP603-2**		•	Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.9 D (47 kW) Eng.AEF	95-98	**PA609**				028 121 004/ V/ X
Felicia I (797) Pick-Up '1/95-'2/98						
1.3 (40 kW) Eng.135M	95-01	**PA619**				007 070 246,047 121 011
	95-01	**PA691**			+Air	007 070 251,047 121 011B
1.3 (50 kW) Eng.136B/136M	95-01	**PA619**				007 070 246,047 121 011
	95-01	**PA691**			+Air	007 070 251,047 121 011B
1.6 (55 kW) Eng.AEE	95-01	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	1/95-2/98	**KP603-2**		•	Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.9 D (47 kW) Eng.AEF	95-01	**PA609**				028 121 004/ V/ X
Felicia II (6U1, 6U5), SW '3/98-'6/01						
1.3 (50 kW) Eng.AMH	98-01	**PA619**				007 070 246,047 121 011
	98-01	**PA691**			+Air	007 070 251,047 121 011B
1.3 (Exc. SW) (40 kW) Eng.AMG	98-01	**PA619**				007 070 246,047 121 011
	98-01	**PA691**			+Air	007 070 251,047 121 011B
1.3 (Exc. SW) (43 kW) Eng.AMJ	98-01	**PA619**				007 070 246,047 121 011
	98-01	**PA691**			+Air	007 070 251,047 121 011B
1.6 (55 kW) Eng.AEE	98-01	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	3/98-6/01	**KP603-2**		•	Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.9 D (47 kW) Eng.AEF	98-01	**PA609**				028 121 004/ V/ X
Octavia II (1U2, 1U5), SW '9/96-'6/04						
1.4 (55 kW) Eng.AXP/BCA	9/00-04	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	9/00-6/04	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 (Exc. SW) (44 kW) Eng.AMD	99-04	**PA988**				047 121 013K
1.6 (55 kW) Eng.AEE	96-9/00	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	9/96-6/04	**KP603-2**		•	Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.6 (74 kW) Eng.AEH/AKL/APF	97-04	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	2/97-6/04	**KP904-1**		•	Belt:138x23, PA904	06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q
1.6 (75 kW) Eng.AVU/BFQ	00-04	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	11/00-6/04	**KP904-1**		•	Belt:138x23, PA904	06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q

PA279

PA579

PA731



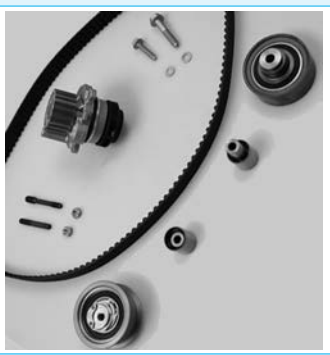
PA762

PA878

PA947

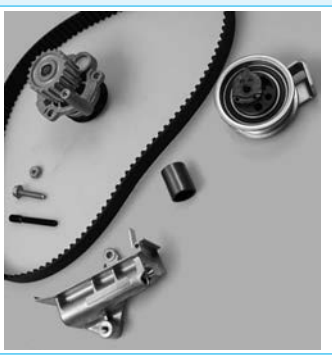
PA1104

PA1105



KP731-1

KP762-1



KP762-2

KP878-1

KP947-1

KP947-2

KP947-4

		GRAF ref.			NOTE	Adaptable for OES
1.8 20v (92 kW) Eng.AGN	96-04	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	9/96-6/04	**KP947-2**		•	Belt:150x23, PA947, Ch -1UY390000	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	9/96-6/04	**KP947-4**		•	Belt:150x23, PA947, Ch 1UY390001-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 T. RS (132 kW) Eng.AUQ	01-04	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	5/01-6/04	**KP947-4**		•	Belt:150x23, PA947	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 T., 4WD (110 kW) Eng.AGU/ARX/ARZ/AUM	97-04	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	8/97-6/04	**KP947-2**		•	Eng.AGU, ARZ, Belt:150x23, PA947, Ch -1UY390000	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	8/97-6/04	**KP947-4**		•	Eng.ARX, AUM, Belt:150x23, PA947, Ch 1UY390001-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.9 SDi (50 kW) Eng.AGP/AQM	97-04	**PA731**		•		038 121 011/ A/ AV/ AX
	6/97-6/04	**KP731-1**		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 SDi (Exc. SW) (47 kW) Eng.AEY	96-04	**PA279**	•			026 121 005A/ C/ E/ G/ H
	96-04	**PA1104**	•		+RB, +PS	037 121 005C
	96-04	**PA579**			+BH	026 121 010F,037 121 010/ A
	96-04	**PA1105**			+RB, +BH,, +PS	037 121 010C
1.9 TDi (81 kW) Eng.AHF/ASV	97-04	**PA731**		•		038 121 011/ A/ AV/ AX
	8/97-6/04	**KP731-1**		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (96 kW) Eng.ASZ	03-04	**PA878**		•		038 121 011G/ J
	1/03-6/04	**KP878-1**		•	Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
1.9 TDi 4WD SW (74 kW) Eng.ATD/AXR	00-04	**PA762**		•	Ch -1U3634881/38569351	038 121 011C/ D,03L 121 001B
	00-04	**PA878**		•	Ch 1U3634882/38569352-	038 121 011G/ J
	00-04	**KP762-2**		•	Belt:120x30, PA762, Eng -211245/ Ch -1U3634881	038 121 011C/ CX/ D/ DX,03L 121 011B
	00-04	**KP762-1**		•	Belt:120x30, PA762, Eng 211246-/ Ch -1U3634881	038 121 011C/ CX/ D/ DX,03L 121 011B 038 198 119A/ C,03L 121 011B
	00-04	**KP878-1**		•	Belt:120x30, PA878, Ch 1U6634882-	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
1.9 TDi, 4WD (66 kW) Eng.AGR/ALH	96-04	**PA731**		•		038 121 011/ A/ AV/ AX
	9/96-6/04	**KP731-1**		•	Belt:141x25, PA731, Eng 044442-	038 121 011/ A/ AV/ AX,038 198 119D/ E
2.0 SW (88 kW) Eng.ATF	00-04	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	1/00-6/04	**KP947-1**		•	Belt:138x23, PA947	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X,06A 198 119 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
2.0, 4WD (85 kW) Eng.AEG/APK/AQY/AZH/AZJ	99-04	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G

PA674

PA878

PA879

PA904

PA905

PA954

PA980

PA1051

PA1071

PA1072

PA1090

PA1137

PA1167

KP674-1

KP674-2

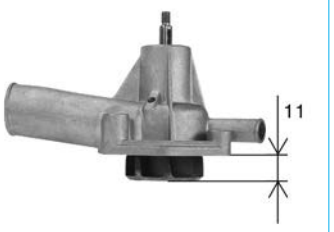
KP879-1

KP904-1

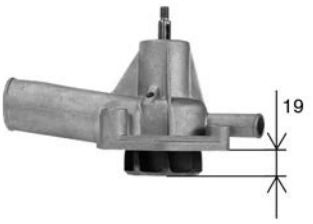
KP905-2

KP947-1

		GRAF ref.			NOTE	Adaptable for OES
2.0, 4WD (85 kW) Eng.AEG/APK/AQY/AZH/AZJ	4/99-6/04	**KP947-1**		•	Belt:138x23, PA947	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X,06A 198 119 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
Octavia III (1Z3, 1Z5), SW '6/04-						
1.2 TSi (77 kW) Eng.CBZB	10-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.4 (55 kW) Eng.AXP/BCA	04-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	6/04-	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 (59 kW) Eng.BUD/CGGA	04-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	04-5/06	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
	6/06-	**KP674-2**		•	Belt:130x20, PA674	036 109 119AG/ M/ P/ Q 036 109 243AB/ AC/ AD/ AE/ AG/ E/ K/ L/ R/ S 036 109 244C/ D/ J 036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
1.4 TSi (90 kW) Eng.CAXA	09-	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 (75 kW) Eng.BGU/BSE/BSF	04-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	6/04-	**KP904-1**		•	Belt:138x23, PA904	06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q
1.6 (75 kW) Eng.CCSA/CMXA	08-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	08-	**KP904-1**		•	Belt:138x23, PA904	06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q
1.6 FSI (85 kW) Eng.BLF	04-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.6 LPG (75 kW) Eng.CHGA/CCSA	08-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.6 TDi, 4WD (77 kW) Eng.CAYC	09-	**PA1137**				03L 121 011C/ J
1.8 16v TFSI (118 kW) Eng.BZB/CDAA	07-	**PA1072**	•		Eng. BZB	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
	07-	**PA1071**	•		Eng. CDAA	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
1.9 TDi (77 kW) Eng.BKC/BJB/BLS/BXE	04-	**PA879**		•		045 121 011F/ H
	6/04-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi 4WD SW (77 kW) Eng.BKC/BJB	04-	**PA879**		•		045 121 011F/ H
2.0 16v TFSi RS (147 kW) Eng.BWA/CCZA	04-	**PA1071**	•		Eng. CCZA	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
	04-	**PA980**		•	Eng. BWA	06A 121 011R,06F 121 011
2.0 FSI (110 kW) Eng.BLR/BLY/BVX/BVY/BVZ	04-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 FSI 4WD SW (110 kW) Eng.BLR/BLY	04-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 TDi (100 kW) Eng.AZV	04-	**PA905**		•		038 121 011H/ K,03G 121 011
	04-	**KP905-2**		•	Belt:141x30, PA905, Ch 1Z62272756-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TDi 16v RS (125 kW) Eng.BMN/CEGA	06-	**PA905**		•	Eng. BMN	038 121 011H/ K,03G 121 011
	06-	**PA1090**		•	Eng. CEGA	03L 121 011G
	06-	**KP905-2**		•	Eng.BMN, Belt:141x30, PA905	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TDi, 4WD (103 kW) Eng.BKD/BMM/CFHC	04-	**PA905**		•	Eng. BKD	038 121 011H/ K,03G 121 011
	04-	**PA878**		•	Eng. BMM	038 121 011G/ J



PA263



PA316

PA674

PA762

PA855

PA878

PA879

PA947

PA954

PA1089

PA1137

PA1167

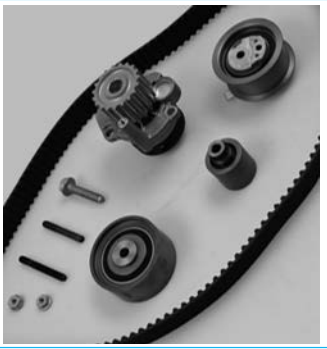
KP674-1

KP762-1

KP762-2

KP878-1

KP879-1



KP905-1

KP905-2

		GRAF ref.			NOTE	Adaptable for OES
2.0 TDi, 4WD (103 kW) Eng.BKD/BMM/CFHC	10-	**PA1089**		•	Eng. CFHC	03L 121 011/ H
	04-	**KP905-2**		•	Eng.BKD, Belt:141x30, PA905, Ch 1Z62272756-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
	6/04-	**KP905-1**		•	Eng.BKD, Belt:141x30, PA905, Ch -1Z72008057	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
	6/04-	**KP878-1**		•	Eng.BMM, Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 TDi, 4WD (81 kW) Eng.CLCA/CFHF	10-	**PA1089**		•		03L 121 011/ H
						Rapid (120G, 130G, 135G) '2/83-'10/91
1.2 (43 kW)	83-90	**PA263**				113 050 000
1.3 (39 kW)	87-91	**PA316**				113 050 001
1.3 (43 kW) Eng.135-8	84-90	**PA316**				113 050 001
1.3 (45 kW) Eng.742/13	85-88	**PA316**				113 050 001
						Rapid II, SW '1/13-
1.2 (55 kW) Eng.CGPC	13-	**PA855**				03D 121 005,03D 121 013B
1.2 TSi (63 kW) Eng.CBZA	13-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.2 TSi (77 kW) Eng.CBZB	13-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.6 (77 kW) Eng.CFNA	13-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.6 TDi (66 kW) Eng.CAYB	13-	**PA1137**				03L 121 011C/ J
1.6 TDi (77 kW) Eng.CAYC	13-	**PA1137**				03L 121 011C/ J
						Roomster (5J7) '9/06-
1.2 12v (47 kW) Eng.BME	06-	**PA855**				03D 121 005,03D 121 013B
1.2 12v (51 kW) Eng.BZG/CGPA	06-	**PA855**				03D 121 005,03D 121 013B
1.2 TDi (55 kW) Eng.CFWA	10-	**PA1089**		•		03L 121 011/ H
1.2 TSi (63 kW) Eng.CBZA	10-	**PA855**				03D 121 005,03D 121 013B
1.2 TSi (77 kW) Eng.CBZB	10-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.4 16v (63 kW) Eng.BXW/CGGB	06-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	9/06-	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 TDi (51 kW) Eng.BNM	06-	**PA879**		•		045 121 011F/ H
	9/06-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.4 TDi (59 kW) Eng.BMS	06-	**PA879**		•		045 121 011F/ H
1.6 16v (77 kW) Eng.BTS/CFNA	06-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
	9/06-	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.6 TDi (66 kW) Eng.CAYB	10-	**PA1137**				03L 121 011C/ J
1.6 TDi (77 kW) Eng.CAYC	10-	**PA1137**				03L 121 011C/ J
1.9 TDi (74 kW) Eng.AXR	06-	**PA879**		•		045 121 011F/ H
1.9 TDi (77 kW) Eng.BLS/BSW	06-	**PA879**		•		045 121 011F/ H
						Superb I (3U4) '2/02-'8/08
1.8 T. (110 kW) Eng.AWT	7/02-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
1.9 TDi (74 kW) Eng.AVB	7/02-	**PA762**		•	Ch -3U3015228	038 121 011C/ D,03L 121 001B
	7/02-	**PA878**		•	Ch 3U3015229-	038 121 011G/ J
	8/02-8/08	**KP762-2**		•	Belt:120x30, PA762, Ch -3U3009506	038 121 011C/ CX/ D/ DX,03L 121 011B
	8/02-8/08	**KP762-1**		•	Belt:120x30, PA762, Ch 3U3009507-3U3015228	038 121 011C/ CX/ D/ DX,03L 121 011B 038 198 119A/ C,03L 121 011B
	8/02-8/08	**KP878-1**		•	Belt:120x30, PA878, Ch 3U3015229-	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
1.9 TDi (77 kW) Eng.BSV	05-	**PA762**		•		038 121 011C/ D,03L 121 001B
	12/05-8/08	**KP878-1**		•	Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
1.9 TDi (85 kW) Eng.BPZ	07-08	**PA878**		•		038 121 011G/ J
	1/07-8/08	**KP878-1**		•	Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
1.9 TDi (96 kW) Eng.AWX/AVF	7/02-	**PA762**		•	Ch -3U3015228	038 121 011C/ D,03L 121 001B
	7/02-	**PA878**		•	Ch 3U3015229-	038 121 011G/ J
	2/02-8/08	**KP878-1**		•	Belt:120x30, PA878, Ch 3U29009507-	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX

PA618A

PA805

PA806

PA855

girante/impeller
h 27,4 mm on ø 55

PA868

PA878

PA879

8 Pale / Vane

PA905

PA947

PA1041

PA1051

PA1071

PA1072

PA1089

PA1090

PA1137

PA1167

KP868-1

KP879-1

KP905-2

		GRAF ref.			NOTE	Adaptable for OES
2.0 (85 kW) Eng.AZM	7/02-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
2.0 TDi (103 kW) Eng.BSS	05-	**PA878**		•		038 121 011G/ J
2.5 TDi (114 kW) Eng.AYM	7/02-	**PA868**		•		059 121 004B/ C/ D/ E
	2/02-8/08	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.5 TDi (120 kW) Eng.BDG	6/03-	**PA868**		•		059 121 004B/ C/ D/ E
	6/03-8/08	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.8 V6 (142 kW) Eng.AMX	7/02-	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
Superb II (3T4, 3T5), SW '9/08-						
1.4 TSi (92 kW) Eng.CAXC	08-	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 TDi (77 kW) Eng.CAYC	10-	**PA1137**				03L 121 011C/ J
1.8 TSi, 4WD (112 kW) Eng.CDAB	09-	**PA1071**	•			06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
1.8 TSi, 4WD (118 kW) Eng.BZB/CDAA	08-	**PA1072**	•		Eng. BZB	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
	08-	**PA1071**	•		Eng. CDAA	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
1.9 TDi (77 kW) Eng.BLS/BXE	08-	**PA879**		•		045 121 011F/ H
2.0 TDi 16V, 4WD (103 kW) Eng.BKD/BSS/BMP/CFFB/CLJA	08-	**PA905**		•		038 121 011H/ K,03G 121 011
	08-	**PA1089**		•	Eng. CFFB	03L 121 011/ H
	08-	**KP905-2**		•	Eng.BKD, Belt:141x30, PA905	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TDi, 4WD (125 kW) Eng.BMN/CBBB/CFGB	08-	**PA1090**		•	Eng. CBBB	03L 121 011G
	08-	**PA1089**		•	Eng. CFGB	03L 121 011/ H
2.0 TSi (147 kW) Eng.CCZA	10-	**PA1071**	•			06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
3.6 TSi, 4WD (191 kW) Eng.CDVA	09-	**PA1041**		•		022 121 011/ A/ L/ V
Yeti (5L) '9/09-						
1.2 TSi (77 kW) Eng.CBZB	09-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.4 TSi (90 kW) Eng.CAXA	10-	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 TDi (77 kW) Eng.CAYC	10-	**PA1137**				03L 121 011C/ J
1.8 TSi 4WD (112 kW) Eng.CDAB	09-	**PA1071**	•			06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
1.8 TSi, 4WD (118 kW) Eng.CDAA	09-	**PA1071**	•			06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
2.0 TDi, 4WD (103 kW) Eng.CBDB/CFHC	09-	**PA1089**		•	Eng. CBDB/ CFHC	03L 121 011/ H
	09-	**PA1137**			Eng. CLCB	03L 121 011C/ J
2.0 TDi, 4WD (125 kW) Eng.CEGA/CFJA	09-	**PA1090**		•	Eng. CEGA	03L 121 011G
	09-	**PA1137**			Eng. CFJA	03L 121 011C/ J
2.0 TDi, 4WD (81 kW) Eng.CFHA/CFHF	09-	**PA1089**		•		03L 121 011/ H

SKODA LCV

Fabia Praktik '4/02-						
1.2 (40 kW) Eng.AWY/BMD	02-	**PA855**				03D 121 005,03D 121 013B
1.2 (47 kW) Eng.AZQ/BME	03-	**PA855**				03D 121 005,03D 121 013B
1.4 (50 kW) Eng.AME/AQW/ATZ	00-	**PA805**				047 121 013L/ M/ P/ R
1.4 TDi (51 kW) Eng.BNM	05-	**PA879**		•		045 121 011F/ H
	10/05-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 SDi (47 kW) Eng.ASY	99-	**PA806**		•	Ch -9N2100000	045 121 011C

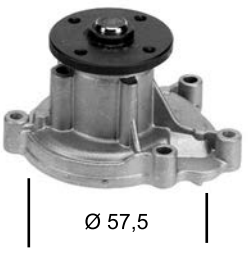
PA674

PA819

PA855

PA875

PA879



PA978

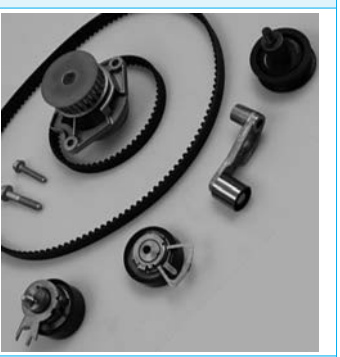
PA986

PA1000

PA1089

PA1142

PA1167



KP674-1

KP879-1

		GRAF ref.			NOTE	Adaptable for OES
1.9 SDi (47 kW) Eng.ASY	99-	**PA875**		•	Ch 9N2100001-	045 121 011G/ J
Roomster Van, Praktik (5J) '3/07-						
1.2 (51 kW) Eng.BZG/CGPA	07-	**PA855**				03D 121 005,03D 121 013B
1.2 TDi (55 kW) Eng.CFWA	10-	**PA1089**		•		03L 121 011/ H
1.2 TSi (63 kW) Eng.CBZA	10-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.4 (63 kW) Eng.BXW/CGGB	07-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	3/07-	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 TDi (51 kW) Eng.BNM	07-	**PA879**		•		045 121 011F/ H
	3/07-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.4 TDi (59 kW) Eng.BMS/BNV	07-	**PA879**		•		045 121 011F/ H
	07-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.6 TDi (66 kW) Eng.CAYB	10-	**PA1089**		•		03L 121 011/ H

SMART

Cabrio (450) '3/00-'1/04						
0.6 (40 kW) Eng.M160E6ALB03	00-04	**PA819**				3165V003000,4681V002000,6602000120
0.6 (45 kW) Eng.M160E6ALB05	01-04	**PA819**				3165V003000,4681V002000,6602000120
0.6 (52 kW) Eng.Suprex	02-04	**PA819**				3165V003000,4681V002000,6602000120
0.7 (45 kW) Eng.M160R3	03-04	**PA819**				3165V003000,4681V002000,6602000120
0.7 (55 kW) Eng.M160.910/920	03-04	**PA819**				3165V003000,4681V002000,6602000120
0.8 CDi (30 kW) Eng.OM660DE8LA	01-04	**PA819**				3165V003000,4681V002000,6602000120
City-Coupe (450) '7/98-'1/04						
0.6 (33 kW) Eng.M160E6ALB04	98-04	**PA819**				3165V003000,4681V002000,6602000120
0.6 (40 kW) Eng.M160E6ALB03	98-04	**PA819**				3165V003000,4681V002000,6602000120
0.6 (45 kW) Eng.M160E6ALB05	01-04	**PA819**				3165V003000,4681V002000,6602000120
0.6 (52 kW) Eng.Suprex	02-04	**PA819**				3165V003000,4681V002000,6602000120
0.7 (37 kW) Eng.M170	03-04	**PA819**				3165V003000,4681V002000,6602000120
0.7 (45 kW) Eng.M170	03-04	**PA819**				3165V003000,4681V002000,6602000120
0.7 (55 kW) Eng.M170	03-04	**PA819**				3165V003000,4681V002000,6602000120
0.8 CDi (30 kW) Eng.OM660DE8LA	99-04	**PA819**				3165V003000,4681V002000,6602000120
Crossblade '6/02-						
0.6 (52 kW) Eng.Suprex	02-	**PA819**				3165V003000,4681V002000,6602000120
Forfour (454) '4/04-						
1.1 (47 kW) Eng.M134.910	06-	**PA986**				1352000001
1.1 (55 kW) Eng.M134.910	04-	**PA986**				1352000001
1.3 (70 kW) Eng.M135.930	04-	**PA986**				1352000001
1.5 (80 kW) Eng.M135.950	04-	**PA986**				1352000001
1.5 (90 kW) Eng.M135.950	04-06	**PA986**				1352000001
1.5 BRABUS (130 kW) Eng.4G15	5/05-	**PA1000**				1222000001
1.5 CDi (50 kW) Eng.OM639.939	04-	**PA978**				6402000301
1.5 CDi (70 kW) Eng.OM639.939	04-	**PA978**				6402000301
Fortwo I (450) '1/04-'2/07						
0.7 (37-45-55 kW) Eng.M170	04-	**PA819**				3165V003000,4681V002000,6602000120
0.7 (37 kW) Eng.M160.910/920	04-	**PA819**				3165V003000,4681V002000,6602000120
0.7 (55 kW) Eng.M160.910/920	04-	**PA819**				3165V003000,4681V002000,6602000120
0.8 CDi (30 kW) Eng.OM660DE8LA	04-	**PA819**				3165V003000,4681V002000,6602000120
Fortwo II, Cabrio, Coupe (451) '3/07-						
0.8 CDi (30 kW) Eng.OM660.940	07-	**PA819**				3165V003000,4681V002000,6602000120
0.8 CDi (33 kW) Eng.OM660.950	07-	**PA819**				3165V003000,4681V002000,6602000120
0.8 CDi (40 kW) Eng.OM660.951	07-	**PA819**				3165V003000,4681V002000,6602000120
1.0 (45 kW) Eng.M132.910	07-	**PA1142**				1322000201,1322010000
1.0 (52 kW) Eng.M132.910	07-	**PA1142**				1322000201,1322010000
1.0 T. (62 kW) Eng.M132.930	07-	**PA1142**				1322000201,1322010000
1.0 T. (75 kW) Eng.M132.930	10-	**PA1142**				1322000201,1322010000
1.0, Brabus (72 kW) Eng.3B21	07-	**PA1142**				1322000201,1322010000

PA448	**PA495**	**PA519A**	**PA582**
PA584	**PA819**	**PA924**	**PA1008**
PA1150	**PA1169**	**PA1190**	

		GRAF ref.			NOTE	Adaptable for OES
Roadster, Coupe (452) '4/03-						
0.7 (45 kW) Eng.M160.921	03-	**PA819**				3165V003000,4681V002000,6602000120
0.7 (60 kW) Eng.M160.922	03-	**PA819**				3165V003000,4681V002000,6602000120
0.7 Brabus (74 kW) Eng.M160.923	03-	**PA819**				3165V003000,4681V002000,6602000120

SSANGYONG

Actyon '1/07-						
2.0 Xd, 4WD (114 kW) Eng.D20DTR	11-	**PA1190**			Euro 4	664 200 06 01
2.0 Xdi, 4WD (100 kW) Eng.D20DT	07-	**PA1150**			Euro 3	665 200 10 01/ 12 01
	07-	**PA1190**			Euro 4	664 200 06 01
2.0 XDi, Sport (104 kW) Eng.OM664.951	07-	**PA1150**			Euro 3	665 200 10 01/ 12 01
	07-	**PA1190**			Euro 4	664 200 06 01
2.3 4WD (110 kW) Eng.M161.951	07-	**PA582**				161 200 37 01
Korando II (KJ) '12/96-						
2.3 D (58 kW) Eng.OM601.940	96-	**PA448**				602 200 02 20
2.3, Cabrio (103-105 kW) Eng.M161.970/.973	97-	**PA495**				102 200 62 01
2.9 D, Cabrio (73 kW) Eng.OM602.940/.942	96-	**PA448**				602 200 02 20
2.9 TD, Cabrio (88 kW) Eng.OM662.920	98-	**PA448**				602 200 02 20
3.2, Cabrio (154 kW) Eng.M104.995	96-	**PA584**				104 200 46 01
Kyron '5/05-						
2.0 XDi, 4WD (100 kW) Eng.D20DT	10-	**PA1190**			Euro 4	664 200 06 01
2.0 XDi, 4WD (104 kW) Eng.OM664.950	05-	**PA1150**			Euro 3	665 200 10 01/ 12 01
	05-	**PA1190**			Euro 4	664 200 06 01
2.7 XDi, AWD (121 kW) Eng.OM665.950	07-	**PA1150**				665 200 10 01/ 12 01
Musso (FJ) '10/95-						
2.3 (103 kW) Eng.M111.970	95-	**PA495**				102 200 62 01
2.3 D (59 kW) Eng.OM601.940	95-	**PA448**				602 200 02 20
2.9 D (73 kW) Eng.OM602.940/.942	96-	**PA448**				602 200 02 20
2.9 TD (88 kW) Eng.OM662.920	98-	**PA448**				602 200 02 20
3.2 (162 kW) Eng.M104.992	96-	**PA584**				104 200 46 01
Rexton I '4/02-						
2.3 4WD (110 kW) Eng.M111	02-	**PA582**				161 200 37 01
2.7 XDi (120 kW) Eng.OM665.926	04-	**PA1150**				665 200 10 01/ 12 01
2.7 Xdi Turbo 4WD (132 kW) Eng.D27DTP	11-	**PA1150**				665 200 10 01/ 12 01
2.9 TD (88 kW) Eng.OM662.920	02-	**PA448**				602 200 02 20
3.2 (162 kW) Eng.M162.995	02-	**PA584**				104 200 46 01
Rodius I '5/05-						
2.7 XDi, 4WD (120 kW) Eng.OM665.926	05-	**PA1150**				665 200 10 01/ 12 01
Stavic '2/05-						
2.7 XDi, 4WD (121 kW) Eng.D27DT	05-	**PA1150**				665 200 10 01/ 12 01

SUBARU

Forester I (SF) '8/97-'9/02						
2.0 (90-92 kW) Eng.EJ20	98-02	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.0 16v (130 kW) Eng.EJ205	98-02	**PA1008**		•		21111-AA060/ 1/ 5 21111-AA250/ 270/ 340/ 360,X2111-AA250
2.0 16v (85 kW) Eng.EJ20J	97-98	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.0 S Turbo (125 kW) Eng.EJ20	98-01	**PA924**		•		21111-AA020/ 1/ 2/ 6/ 240,X2111-AA240
2.0 T. 16v (155 kW) Eng.EJ20G	97-00	**PA924**		•		21111-AA020/ 1/ 2/ 6/ 240,X2111-AA240
Forester II (SG) '9/02-'5/08						
2.0 (116 kW) Eng.EJ20	05-08	**PA1169**		•		21111-AA310
2.0 16v (92 kW) Eng.EJ20J	02-03	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.0 T. (130 kW) Eng.EJ20T	02-03	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.5 (155 kW) Eng.EJ25	03-	**PA924**		•		21111-AA020/ 1/ 2/ 6/ 240,X2111-AA240
2.5 (169 kW) Eng.EJ25	05-	**PA924**		•		21111-AA020/ 1/ 2/ 6/ 240,X2111-AA240

PA519A	**PA773**	**PA924**	**PA946**
PA1008	**PA1020**	**PA1120**	

		GRAF ref.			NOTE	Adaptable for OES
2.5 AWD (112 kW) Eng.EJ251		**PA1008**		•		21111-AA060/ 1/ 5 21111-AA250/ 270/ 340/ 360,X2111-AA250
Forester III (SH) '6/08-						
2.0 (110 kW) Eng.FB20	08-	**PA1120**		•		21111-AA084/ 280/ 320/ 330/ 331 X2111-AA260/ 280
2.5 (130 kW) Eng.EJ25J	08-	**PA1120**		•		21111-AA084/ 280/ 320/ 330/ 331 X2111-AA260/ 280
Impreza I (GC, GF), SW '8/92-'12/00						
1.6 i, 4WD (66 kW) Eng.EJ16	92-00	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
1.6 i, 4WD (70 kW) Eng.EJ16	98-00	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
1.8, 4WD (76 kW) Eng.EJ18E	92-00	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.0 16v 4WD (85-92 kW) Eng.EJ20E/EJ20J/EJ201	95-00	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.0 T. 16v (155 kW) Eng.EJ20G	94-00	**PA924**		•		21111-AA020/ 1/ 2/ 6/ 240,X2111-AA240
2.0 T. GT 4WD (130 kW) Eng.EJ205	94-00	**PA1008**		•		21111-AA060/ 1/ 5 21111-AA250/ 270/ 340/ 360,X2111-AA250
2.0 T. GT 4WD (160 kW) Eng.EJ20	98-00	**PA924**		•		21111-AA020/ 1/ 2/ 6/ 240,X2111-AA240
Impreza II (GD, GG), SW '12/00-'12/07						
1.5 R (77 kW) Eng.EJ150	06-07	**PA1008**		•		21111-AA060/ 1/ 5 21111-AA250/ 270/ 340/ 360,X2111-AA250
1.6 i, 4WD (66-70 kW) Eng.EJ16	00-	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.0 (92 kW) Eng.EJ20	00-	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.0 R, 4x4 (118 kW) Eng.EJ202	05-07	**PA1008**		•	A/T	21111-AA060/ 1/ 5 21111-AA250/ 270/ 340/ 360,X2111-AA250
	05-07	**PA1120**		•	M/T	21111-AA084/ 280/ 320/ 330/ 331 X2111-AA260/ 280
2.0 WRX STi (Exc. SW) (195 kW) Eng.EJ207	01-	**PA924**		•		21111-AA020/ 1/ 2/ 6/ 240,X2111-AA240
2.0 WRX STi (Exc. SW) (235 kW) Eng.EJ207	04-	**PA924**		•		21111-AA020/ 1/ 2/ 6/ 240,X2111-AA240
2.0 WRX T. (160 kW) Eng.EJ205	00-	**PA924**		•		21111-AA020/ 1/ 2/ 6/ 240,X2111-AA240
2.0 WRX T. (165 kW) Eng.EJ20T	02-	**PA924**		•		21111-AA020/ 1/ 2/ 6/ 240,X2111-AA240
2.5 (112 kW) Eng.EJ251	02-05	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.5 AWD (130 kW) Eng.EJ251	01-04	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.5 AWD (221 kW) Eng.EJ257	05-	**PA924**		•		21111-AA020/ 1/ 2/ 6/ 240,X2111-AA240
2.5 WRX (169 kW) Eng.EJ25	05-	**PA924**		•		21111-AA020/ 1/ 2/ 6/ 240,X2111-AA240
2.5 WRX STi (Exc. SW) (206 kW) Eng.EJ25	05-	**PA924**		•		21111-AA020/ 1/ 2/ 6/ 240,X2111-AA240
Impreza III (GH, GR) '1/08-						
1.5 R (79 kW) Eng.EL154	08-	**PA1120**		•		21111-AA084/ 280/ 320/ 330/ 331 X2111-AA260/ 280
2.0 R (110 kW) Eng.EJ204	08-	**PA1008**		•	A/T	21111-AA060/ 1/ 5 21111-AA250/ 270/ 340/ 360,X2111-AA250
2.5 (169 kW) Eng.EJ255	08-	**PA924**		•		21111-AA020/ 1/ 2/ 6/ 240,X2111-AA240
2.5 WRX (221 kW) Eng.EJ257	08-	**PA924**		•		21111-AA020/ 1/ 2/ 6/ 240,X2111-AA240
Justy II (JMA, MS) '10/95-'8/03						
1.3 4WD (50 kW) Eng.EF13	95-	**PA773**				17400-82823/ 3 / 4/ -82850/ 1
1.3 4WD (63 kW) Eng.G13BB	3/96-	**PA773**				17400-82823/ 3 / 4/ -82850/ 1
Justy III (G3X) '9/03-'10/08						
1.3 (69 kW) Eng.M13A	03-	**PA946**				17400-69G01
1.5 (73 kW) Eng.M15A	03-08	**PA946**				17400-69G01
Justy IV (JDA) '11/08-						
1.0 (51 kW) Eng.1KRFE	08-	**PA1020**				16100-80003
Legacy I (BC, BJF), SW '1/89-'7/94						
1.8 (76 kW) Eng.EJ18SPI	89-91	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
1.8 4WD (76 kW) Eng.EJ18SPI	89-91	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.0 (85 kW) Eng.EJ20EMPI	91-94	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.0 4WD (85-92 kW) Eng.EJ20EMPI	91-94	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.0 T. 4WD (147 kW) Eng.EJ20GN	92-94	**PA924**		•		21111-AA020/ 1/ 2/ 6/ 240,X2111-AA240
2.2 i 4WD (94-96-100 kW) Eng.EJ22EMPI	89-94	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11

PA333

PA519A

PA744

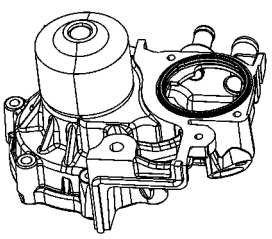
PA774

PA1008

PA1086

PA1120

PA1132



PA1168

		GRAF ref.			NOTE	Adaptable for OES
Legacy II (BD, BG), SW '9/94-'3/99						
1.8, 4WD (76 kW) Eng.EJ18E	94-99	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.0 16v 4WD (85-92 kW) Eng.EJ20E/J	94-99	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.2 i 4WD (94 kW) Eng.EJ22EMPI	94-99	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.2 i 4WD (96 kW) Eng.EJ22EMPI	96-99	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.5 4WD (110 kW) Eng.EJ25D	96-99	**PA1120**		•		21111-AA084/ 280/ 320/ 330/ 331 X2111-AA260/ 280
Legacy III (BE, BH), SW '10/98-'9/03						
2.0 16v (85-92 kW) Eng.EJ20J	99-	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
2.5 (110-115 kW) Eng.EJ25	98-	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
Legacy IV (BL, BP), SW '9/03-'12/07						
2.0 (101 kW) Eng.EJ20	9/03-	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
	9/03-	**PA1008**		•		21111-AA060/ 1/ 5 21111-AA250/ 270/ 340/ 360,X2111-AA250
2.0 (110 kW) Eng.EJ20	03-	**PA1008**		•	A/T	21111-AA060/ 1/ 5 21111-AA250/ 270/ 340/ 360,X2111-AA250
2.5 (121 kW) Eng.EJ251	03-	**PA1008**		•		21111-AA060/ 1/ 5 21111-AA250/ 270/ 340/ 360,X2111-AA250
Legacy V, SW '1/08-						
2.0 i (110 kW) Eng.EJ204	09-	**PA1168**		•		21111-AA460
2.0i (110 kW) Eng.EJ204	12-	**PA1008**		•	A/T	21111-AA060/ 1/ 5 21111-AA250/ 270/ 340/ 360,X2111-AA250
2.5 (123 kW) Eng.EJ253	09-	**PA1008**		•		21111-AA060/ 1/ 5 21111-AA250/ 270/ 340/ 360,X2111-AA250
2.5 T R AWD (127 kW) Eng.EJ25	08-	**PA1008**		•		21111-AA060/ 1/ 5 21111-AA250/ 270/ 340/ 360,X2111-AA250
Leone I (AB), SW '3/79-'10/84						
1.8, 4WD (59-66-74 kW) Eng.EA81	80-84	**PA744**				21110-AA060,41076-7100/ -7300
Leone II, SW '11/84-'2/92						
1.8 4WD (70 kW) Eng.EA82	86-92	**PA333**				21110-AA012/ 3/ 4/ 5/ 6/ 7
1.8 4WD (72 kW) Eng.EA82	86-91	**PA333**				21110-AA012/ 3/ 4/ 5/ 6/ 7
1.8 4WD (88 kW) Eng.EA82	88-90	**PA333**				21110-AA012/ 3/ 4/ 5/ 6/ 7
1.8 4WD (96 kW) Eng.EA82	89-90	**PA333**				21110-AA012/ 3/ 4/ 5/ 6/ 7
1.8 T. 4WD (100 kW) Eng.EA82T	84-90	**PA333**				21110-AA012/ 3/ 4/ 5/ 6/ 7
1.8, 4WD (66 kW) Eng.EA82	84-90	**PA333**				21110-AA012/ 3/ 4/ 5/ 6/ 7
Outback I (BE, BH) '10/00-'10/03						
2.5 (115 kW) Eng.EJ25	00-	**PA519A**		•		21111-AA000/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 11
Outback II (BP) '11/03-'8/09						
2.5 (121 kW) Eng.EJ25	03-	**PA1008**		•		21111-AA060/ 1/ 5 21111-AA250/ 270/ 340/ 360,X2111-AA250
2.5i 16v (127 kW) Eng.EJ251	08-	**PA1008**		•		21111-AA060/ 1/ 5 21111-AA250/ 270/ 340/ 360,X2111-AA250
Outback III (BM, BR) '9/09-						
2.5i (123 kW) Eng.EJ253	09-	**PA1120**		•		21111-AA084/ 280/ 320/ 330/ 331 X2111-AA260/ 280
Trezia '4/11-						
1.3i (73 kW) Eng.1NRFE	11-	**PA1086**				16100-80004
1.4 D (66 kW) Eng.1ND-TV	11-	**PA1132**				16100-39525

SUZUKI

Alto I (SS80) '6/82-'12/85						
0.5 Eng.F5A	81-88	**PA774**				17400-73001/ 2 / 3/ -73012/ 3/ -73810/ 1 17400-73870/ -78820/ 1
0.8 (29 kW) Eng.F8B	82-85	**PA774**				17400-73001/ 2 / 3/ -73012/ 3/ -73810/ 1 17400-73870/ -78820/ 1

PA442

PA726

PA738

PA747

PA773

PA774

PA786

PA907

PA911

PA926

PA946

PA975

PA991

PA1017

PA1036

PA1052

PA1083

PA1095

PA1097

KP747-1

		GRAF ref.			NOTE	Adaptable for OES
Alto II (EC) '1/86-'11/93						
0.8 (SB308/CA) (29 kW) Eng.F8B	86-93	**PA774**				17400-73001/ 2 / 3/ -73012/ 3/ -73810/ 1 17400-73870/ -78820/ 1
Alto III (EF) '9/94-'6/02						
0.6, 4WD (47 kW) Eng.F6A	94-	**PA738**		•		17400-50812/ -60D01/ -61810/ -70B00
1.0 (39 kW) Eng.G10B	94-02	**PA773**				17400-M82632
1.0 (43 kW) Eng.G10B	00-02	**PA773**				17400-M82632
1.3 (50-52-60 kW) Eng.G13B	94-02	**PA773**				17400-M82632
Alto IV (FF) '6/02-'12/08						
1.1 (46 kW) Eng.F10D	9/02-	**PA773**				17400-M82632
Alto V (GF) '1/09-						
1.0 (50 kW) Eng.K10B	09-	**PA1052**				17400-51K00/ -69L00/ -M51K00
Baleno (EG), SW '7/95-						
1.3 (52 kW) Eng.G13BA	96-	**PA773**				17400-M82632
1.3 (63 kW) Eng.G13B	95-	**PA773**				17400-M82632
1.6i 16v (72 kW) Eng.G16B	95-	**PA726**				17400-60810/ 1/ 3/ 4/ 5,17400-60A02/ 4
1.8 GT (89 kW) Eng.J18A	96-	**PA726**				17400-60810/ 1/ 3/ 4/ 5,17400-60A02/ 4
1.9 TD (55 kW) Eng.XUD9TE	98-	**PA911**		•		17410-66G00/ 1
Cappucino '2/92-'8/95						
0.6 (47 kW) Eng.F6A	92-95	**PA738**		•		17400-50812/ -60D01/ -61810/ -70B00
Fun '4/03-						
1.4 (63 kW) Eng.C14SE	03-	**PA442**		•		-
Grand Vitara I (FT, GT) '3/98-'9/05						
1.6i 16v, 4WD (69-73 kW) Eng.G16B	98-	**PA926**				17400-61820
2.0 (94-97 kW) Eng.J20A	98-	**PA1017**	•			17400-77810/ 1/ 2/ 3/ 4/ 5/ 6
2.0 AWD (103 kW) Eng.J20A	98-05	**PA1017**	•			17400-77810/ 1/ 2/ 3/ 4/ 5/ 6
2.0 HDi (80 kW) Eng.RHW/RHZ(DW10ATED4)	01-	**PA747**		•		17410-67G00
	7/01-9/05	**KP747-1**		•	Belt:141x25,4 , PA747	17410-67G00,12761-67G00,12810-67G00/ 1 12823-67G10
2.0 TD (64 kW) Eng.RF	98-	**PA786**	•	•		17400-78E00/ 1
2.5 V6 24v (106 kW) Eng.H25A	98-	**PA1036**				17400-85381,17400-85830
2.5 V6 24v (116 kW) Eng.H25A	04-	**PA1036**				17400-85381,17400-85830
2.7 (135 kW) Eng.H27B	03-	**PA1036**				17400-85381,17400-85830
2.7 V6 (127 kW) Eng.H27A	01-	**PA1036**				17400-85381,17400-85830
Grand Vitara II (JT) '10/05-						
1.6 (78 kW) Eng.M16A	05-	**PA946**				17400-69G00/ 1/ 2/ 4
1.9 DDiS (95 kW) Eng.F9Q	05-09	**PA907**		•		17410-67JG0/ 1
	07-09	**PA1097**		•	+RB	17410-67JG1
	10-	**PA1095**		•		17410-80KA0
2.0 (103 kW) Eng.J20A	05-	**PA1017**	•			17400-77810/ 1/ 2/ 3/ 4/ 5/ 6
2.7 4WD (135 kW) Eng.H27A	07-	**PA1036**				17400-85381,17400-85830
2.7 4WD (138 kW) Eng.H27A	07-	**PA1036**				17400-85381,17400-85830
3.2 AWD (165 kW) Eng.N32A	08-	**PA991**				17400-78J00
3.2 V6 (171 kW) Eng.N32A	09-	**PA991**				17400-78J00
Ignis I (FH) '10/00-'9/03						
1.3, 4WD (60-61-66 kW) Eng.M13A	00-03	**PA946**				17400-69G00/ 1/ 2/ 4
Ignis II (MH) '9/03-						
1.3 16v (69 kW) Eng.M13A	03-	**PA946**				17400-69G00/ 1/ 2/ 4
1.3 DDis 16v (51 kW) Eng.Z13DT	03-	**PA1083**				17400-86J00/ 30/ -N86J00,17410-85E00
1.5 Sport (80 kW) Eng.M15A	03-	**PA946**				17400-69G00/ 1/ 2/ 4
1.5, 4WD (73 kW) Eng.M15A	03-	**PA946**				17400-69G00/ 1/ 2/ 4
Jimny (FJ) '9/98-						
1.3 16v, 4WD (59 kW) Eng.G13BB	3/98-	**PA975**				17400-83815

PA725

PA726

PA773

PA774

PA821

n° 21 Denti / Teeth

PA859

PA946

PA975

PA977

PA1052

PA1083

Cuscinetto rinforzato
Reinforced bearing

PA1085

		GRAF ref.			NOTE	Adaptable for OES
1.3 16v, 4WD (60-66 kW) Eng.M13A	01-	**PA946**				17400-69G00/ 1/ 2/ 4
1.3 4WD (63 kW) Eng.G13BB	3/98-	**PA975**				17400-83815
1.5 DDiS (63 kW) Eng.K9K760	05-	**PA977**		•		17410-84A11
1.5 DDiS 4WD (48 kW) Eng.K9K700	03-	**PA821**		•		17410-84A00/ 20
Liana (ER), SW '7/01-						
1.3 (60-66 kW) Eng.M13A	01-	**PA946**				17400-69G00/ 1/ 2/ 4
1.4 DDiS (66 kW) Eng.RB414D	05-	**PA859**		•		17400-73J00
1.5 (81 kW) Eng.M15A	07-	**PA946**				17400-69G00/ 1/ 2/ 4
1.6, 4WD (76-78 kW) Eng.M16A	02-	**PA946**				17400-69G00/ 1/ 2/ 4
LJ 80 '1/80-'1/84						
0.8 (29 kW) Eng.F8A	80-84	**PA774**				17400-73001/ 2 / 3/ -73012/ 3/ -73810/ 1 17400-73870/ -78820/ 1
Mighty Boy '1/80-						
0.5 Eng.F5	2/83-	**PA774**				17400-73001/ 2 / 3/ -73012/ 3/ -73810/ 1 17400-73870/ -78820/ 1
Samurai (SJ) '11/88-						
1.0 (SJ410) (30-31-33 kW) Eng.F10A	88-	**PA774**				17400-73001/ 2 / 3/ -73012/ 3/ -73810/ 1 17400-73870/ -78820/ 1
1.3 (SJ413) (44-47-50-52-54 kW) Eng.G13A	88-	**PA725**				17400-82811/ 2/ -83810/ 1/ 2/ 4
1.3 (SJ413) (50-51-58-63-74 kW) Eng.G13BA	88-	**PA725**				17400-82811/ 2/ -83810/ 1/ 2/ 4
S-Cross '10/13-						
1.6 DDiS, 4WD (88 kW) Eng.D16AA	13-	**PA1085**		•	+RB	17400-79J80/ 1
1.6 VVT, 4WD (88 kW) Eng.M16A	13-	**PA946**				17400-69G00/ 1/ 2/ 4
SJ 410 '9/81-'12/90						
1.0, Cabrio (33 kW) Eng.F10A	81-90	**PA774**				17400-73001/ 2 / 3/ -73012/ 3/ -73810/ 1 17400-73870/ -78820/ 1
SJ 413 '9/84-'8/90						
1.3 (44-47 kW) Eng.G13A	84-90	**PA725**				17400-82811/ 2/ -83810/ 1/ 2/ 4
Splash '4/08-						
1.0 (50 kW) Eng.K10B	08-	**PA1052**				17400-51K00/ -69L00/ -M51K00
1.2 (63 kW) Eng.K12B	08-	**PA1052**				17400-51K00/ -69L00/ -M51K00
1.2 VVT (66-69 kW) Eng.K12B	10-	**PA1052**				17400-51K00/ -69L00/ -M51K00
1.3 DDiS (55 kW) Eng.D13A	08-	**PA1083**				17400-86J00/ 30/ -N86J00,17410-85E00
Swift I (AA) '10/83-'12/89						
1.0 (SA310, AA41/43) (37-39-40 kW) Eng.G10A	83-89	**PA975**				17400-83815
1.0 T. (SA310) (52 kW) Eng.G10T	85-89	**PA773**				17400-M82632
1.3 (SA413, AA51/53) (44-47-50-52-54 kW) Eng.G13A	84-89	**PA773**				17400-M82632
1.3 GTi/GXi (SA413, AA33) (50-51-58-63-74 kW) Eng.G13B	86-89	**PA773**				17400-M82632
Swift II (AH, AJ, EA, MA) '3/89-'12/03						
1.0 (39-40 kW) Eng.G10A	89-	**PA773**				17400-M82632
1.0 (SF310, AA44) (37 kW) Eng.G10A	89-	**PA773**				17400-M82632
1.3 (SF413, AH35, MA), Cabrio (50-51-52-63 kW) Eng.G13A	89-	**PA726**				17400-60810/ 1/ 3/ 4/ 5,17400-60A02/ 4
1.3 GTi (SF413, AA34) (74 kW) Eng.G13B	89-	**PA773**			Mod. AA/AB/AF34S	17400-M82632
	89-	**PA774**			Mod. SA413	17400-73001/ 2 / 3/ -73012/ 3/ -73810/ 1 17400-73870/ -78820/ 1
1.6 (59-60 kW) Eng.G16A	89-	**PA726**				17400-60810/ 1/ 3/ 4/ 5,17400-60A02/ 4
1.6i 16v, 4WD (SF416, AH, AJ14) (68-70 kW) Eng.G16B	89-	**PA726**				17400-60810/ 1/ 3/ 4/ 5,17400-60A02/ 4
Swift III (SG) '9/05-						
1.3 4WD (66 kW) Eng.M13A	06-	**PA946**				17400-69G00/ 1/ 2/ 4
1.3 DDis (55 kW) Eng.D13A	05-	**PA1083**				17400-86J00/ 30/ -N86J00,17410-85E00
1.3 DDis 16v (51 kW) Eng.Z13DT	05-	**PA1083**				17400-86J00/ 30/ -N86J00,17410-85E00
1.3, 4WD (68 kW) Eng.M13A	05-	**PA946**				17400-69G00/ 1/ 2/ 4
1.5, 4WD (75 kW) Eng.M15A	05-	**PA946**				17400-69G00/ 1/ 2/ 4
1.6 16v (92 kW) Eng.M16A	07-	**PA946**				17400-69G00/ 1/ 2/ 4

PA197

PA391

PA672

PA726

PA747

PA773

PA774

PA786

PA938

PA946

PA958

PA1014

PA1017

PA1036

PA1052

PA1083

PA1085

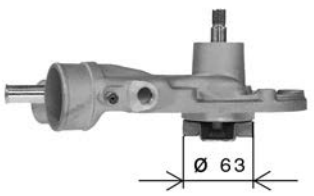
		GRAF ref.			NOTE	Adaptable for OES
Swift IV (FZ, NZ) '10/10-						
1.2, 4WD (69 kW) Eng.K12B	10-	**PA1052**				17400-51K00/ -69L00/ -M51K00
1.3 DDiS (55 kW) Eng.D13A	10-	**PA1083**				17400-86J00/ 30/ -N86J00,17410-85E00
1.6 (100 kW) Eng.M16A	12-	**PA946**				17400-69G00/ 1/ 2/ 4
Sx4 (GY) '6/06-						
1.5 (73 kW) Eng.M15A	06-	**PA946**				17400-69G00/ 1/ 2/ 4
1.5 16v (82 kW) Eng.M15A	09-	**PA946**				17400-69G00/ 1/ 2/ 4
1.6 16v, 4WD (82-88 kW) Eng.M16A	09-	**PA946**				17400-69G00/ 1/ 2/ 4
1.6 DDiS (66 kW) Eng.9HX	07-	**PA938**		•		17400-69K00
1.6 DDiS, 4WD (88 kW)	13-	**PA938**		•		17400-69K00
1.6, 4WD (79 kW) Eng.M16A	06-	**PA946**				17400-69G00/ 1/ 2/ 4
1.9 DDiS, 4WD (88 kW) Eng.D19AA	06-	**PA672**		•		17400-79J50
2.0 16v, 4WD (112 kW) Eng.J20B	12-	**PA1017**	•			17400-77810/ 1/ 2/ 3/ 4/ 5/ 6
2.0 DDiS, 4WD (99 kW) Eng.D20AA	09-	**PA1085**		•	+RB	17400-79J80/ 1
2.0, 4WD (107 kW) Eng.J20A	06-	**PA1017**	•			17400-77810/ 1/ 2/ 3/ 4/ 5/ 6
Vitara (ET, TA) '7/88-'3/99						
1.6, Cabrio (59-60 kW) Eng.G16A	88-95	**PA726**				17400-60810/ 1/ 3/ 4/ 5,17400-60A02/ 4
1.6i 16v , Cabrio (68-69-70-71-72 kW) Eng.G16B	90-99	**PA726**				17400-60810/ 1/ 3/ 4/ 5,17400-60A02/ 4
1.9 D, Cabrio (50 kW) Eng.XUD9/A	95-98	**PA391**		•		17400-86CB0
1.9 D, Cabrio (55 kW) Eng.XUD9SD	96-99	**PA391**		•		17400-86CB0
2.0 16v, Cabrio (97 kW) Eng.J20A	96-99	**PA1036**				17400-85381,17400-85830
2.0 TD (52 kW) Eng.RF	94-98	**PA786**	•	•		17400-78E00/ 1
2.0 TD (64 kW) Eng.RF	95-98	**PA786**	•	•		17400-78E00/ 1
2.0 V6 24v (100 kW) Eng.H20A	94-98	**PA1036**				17400-85381,17400-85830
2.5 V6 24v (FT) (118 kW) Eng.H25A	95-98	**PA1036**				17400-85381,17400-85830
Vitara II (ET) Germany, Spain '12/03-'12/05						
2.0 HDi, Cabrio (64 kW) Eng.RHP(DW10TD)	03-05	**PA747**		•		17410-67G00
Wagon R+ I (EM) '2/93-'5/00						
1.0 (48 kW) Eng.K10A	98-00	**PA1014**	•			17400-73831/ 2/ 3/ 4
1.2, 4WD (51 kW) Eng.K12A	98-00	**PA1014**	•			17400-73831/ 2/ 3/ 4
Wagon R+ II (MM) '5/00-						
1.0 (39 kW) Eng.G10A	03-05	**PA773**				17400-M82632
1.0 (44 kW) Eng.Z10XEP	04-	**PA958**				17400-84E00
1.2 (59 kW) Eng.Z12XEP	04-	**PA958**				17400-84E00
1.3 16v, 4WD (56 kW) Eng.G13BB	00-	**PA773**				17400-M82632
1.3 DDis 16v (51 kW) Eng.Z13DT	03-	**PA1083**				17400-86J00/ 30/ -N86J00,17410-85E00
1.3, 4WD (69 kW) Eng.M13A	03-	**PA946**				17400-69G00/ 1/ 2/ 4
X-90 (EL) '9/95-						
1.6i 16v, 4WD (68-69-70-71-72 kW) Eng.G16B	9/95-	**PA726**				17400-60810/ 1/ 3/ 4/ 5,17400-60A02/ 4

SUZUKI LCV

Carry I (ST90V) Van '11/80-'10/85						
0.8 (27 kW) Eng.F8A	80-85	**PA774**				17400-73001/ 2 / 3/ -73012/ 3/ -73810/ 1 17400-73870/ -78820/ 1
Carry II (FD) Van '3/99-						
1.3 16v (50-51-58-63-74 kW) Eng.G13BB	99-	**PA773**				17400-82823/ 3 / 4/ -82850/ 1 17400-M82632
Super Carry II (ED) Bus '10/85-'3/99						
1.0 (30-31-33 kW) Eng.F10A	94-99	**PA774**				17400-73001/ 2 / 3/ -73012/ 3/ -73810/ 1 17400-73870/ -78820/ 1

TALBOT

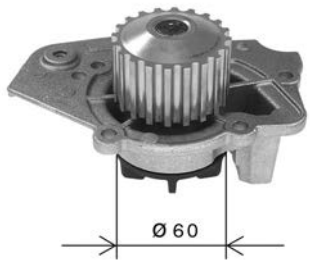
1307-1510 '7/75-'4/84						
1.3 Simca 1307 (40 kW) Eng.6G1D	78-81	**PA197**				1201.45,32461Q,44854W,49152500
1.3 Simca 1307 (44 kW) Eng.371	75-80	**PA197**				1201.45,32461Q,44854W,49152500



PA129

PA147

PA197



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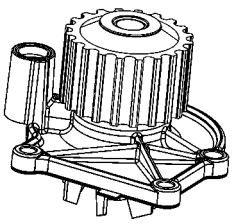
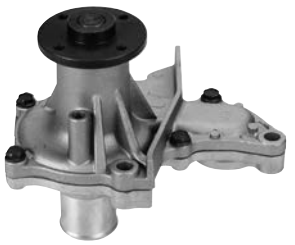


PA1192

		GRAF ref.			NOTE	Adaptable for OES
1.3 Simca 1307 (50 kW) Eng.6G1	75-80	PA197				1201.45,32461Q,44854W,49152500
1.3 Simca 1307 S (60 kW) Eng.1G4	75-78	PA197				1201.45,32461Q,44854W,49152500
1.4 Simca 1308 (51 kW) Eng.6G1	80-84	PA197				1201.45,32461Q,44854W,49152500
1.4 Simca 1308 (55 kW) Eng.6Y2/6Y2D	80-81	PA197				1201.45,32461Q,44854W,49152500
1.4 Simca 1308 (63 kW) Eng.6Y2	78-81	PA197				1201.45,32461Q,44854W,49152500
1.6 Simca 1510 (54-65 kW) Eng.6J1	78-83	PA197				1201.45,32461Q,44854W,49152500
1.6 Simca 1510 (66 kW) Eng.6J2A	81-82	PA197				1201.45,32461Q,44854W,49152500
Alpine '1/75-						
1.3 (49 kW)	75-	PA197				1201.45,32461Q,44854W,49152500
1.5 (62 kW)	75-	PA197				1201.45,32461Q,44854W,49152500
1.6 Minx, Rapier (65 kW)	75-	PA197				1201.45,32461Q,44854W,49152500
Horizon '2/78-'6/86						
1.1 (40 kW) Eng.E1B	79-84	PA197				1201.45,32461Q,44854W,49152500
1.1 (43-48 kW) Eng.E1	79-84	PA197				1201.45,32461Q,44854W,49152500
1.3 (40-43 kW) Eng.2G1-BTC	78-86	PA197				1201.45,32461Q,44854W,49152500
1.3 (47-50 kW) Eng.G1/G2	78-80	PA197				1201.45,32461Q,44854W,49152500
1.3 (50 kW) Eng.2G1	78-80	PA197				1201.45,32461Q,44854W,49152500
1.4 (48 kW) Eng.2Y1B	82-84	PA197				1201.45,32461Q,44854W,49152500
1.4 (51 kW) Eng.2Y1	79-86	PA197				1201.45,32461Q,44854W,49152500
1.4 (61 kW) Eng.2Y2/Y2	79-86	PA197				1201.45,32461Q,44854W,49152500
1.6 (54-66 kW) Eng.6J2A/J2A	82-86	PA197				1201.45,32461Q,44854W,49152500
1.9 D (47-48 kW) Eng.XUD9	82-86	PA256		•		1201.39/ .63
Matra Bagheera (X) '1/74-'9/80						
1.3 (62 kW) Eng.3G4	74-78	PA197				1201.45,32461Q,44854W,49152500
1.4 (66 kW) Eng.3Y4	75-80	PA197				1201.45,32461Q,44854W,49152500
Murena '9/80-'1/85						
1.6 (66 kW) Eng.X5J2A	81-85	PA197				1201.45,32461Q,44854W,49152500
Rancho '1/77-'7/84						
1.4 (59 kW) Eng.X3Y2	77-84	PA197				1201.45,32461Q,44854W,49152500
Samba (51A) '1/81-'10/86						
0.9 (31 kW) Eng.5C1(XV5/8)	81-85	PA147				1202.58
1.1 (37 kW) Eng.XW7	81-86	PA147				1202.58
1.2 Rallye (65 kW) Eng.129D/XZ7R	83-86	PA147				1202.58
1.4 (44 kW) Eng.150D	83-86	PA147				1202.58
1.4 (53 kW) Eng.XY7/XY8	81-86	PA147				1202.58
Simca '10/61-'12/80						
1.1 LE,LX,LS,GLS,ES, SW (44 kW) Eng.350/351/3E1A	76-80	PA197				1201.45,32461Q,44854W,49152500
Solara '2/80-'7/86						
1.3 (40 kW) Eng.6G1D-VP	80-86	PA197				1201.45,32461Q,44854W,49152500
1.4 (51 kW) Eng.6Y1	82-84	PA197				1201.45,32461Q,44854W,49152500
1.6 (51-66 kW) Eng.J1B	82-84	PA197				1201.45,32461Q,44854W,49152500
1.6 (54 kW) Eng.6J1	81-84	PA197				1201.45,32461Q,44854W,49152500
1.6 (65 kW) Eng.6J2	80-81	PA197				1201.45,32461Q,44854W,49152500
Tagora '6/80-'12/87						
2.3 TD (59 kW) Eng.XD2S	81-87	PA129				1202.96

TATA

Indica/ Vista '1/98-						
1.4 (44 kW)	98-02	PA1192		•		279020100108
1.4 (55 kW) Eng.475Si	98-	PA1192		•		279020100108
1.4 (63-65 kW) Eng.475MPFI	03-	PA1192		•		279020100108
1.4 D (37 kW)	03-	PA1192		•		279020100108
1.4 D (39 kW) Eng.475DL	98-	PA1192		•		279020100108
1.4 D (52 kW) Eng.475DTI	98-03	PA1192		•		279020100108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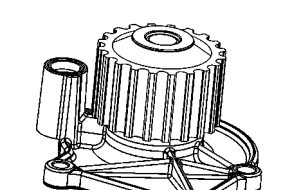
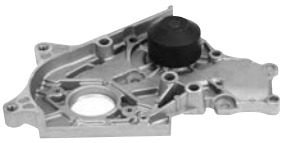
PA767	**PA864**	**PA890**	**PA912**
PA919	**PA944**	**PA953**	**PA1001**
PA1047	**PA1080**	**PA1086**	**PA1132**
			
PA1134	**PA1144**	**PA1154**	**PA1192**

		GRAF ref.			NOTE	Adaptable for OES
Indigo, SW '1/03-						
1.4 (63 kW) Eng.475MPFI	05-	**PA1192**		•		279020100108
1.4 D (46 kW) Eng.475DL	03-	**PA1192**		•		279020100108
1.4 D (52 kW) Eng.475DTI	03-	**PA1192**		•		279020100108

TOYOTA

1000 '1/69-						
1.0 (33-43 kW) Eng.2K	69-	**PA351**				16100-19015/ 6/ 7
4 Runner II (N13) '8/87-'3/96						
2.4 TD 4WD (66 kW) Eng.2LT	89-95	**PA767**				16100-59155
3.0 TD (KZN130) (92 kW) Eng.1KZT	88-95	**PA1080**			+BH	16100-09260,16100-69355/ 6
4 Runner III (N18) '11/95-						
3.0 TD (92 kW) Eng.1KZT	95-	**PA1080**			+BH	16100-09260,16100-69355/ 6
Auris I (ZZE15) '4/07-						
1.3 VVTi (74 kW) Eng.1NRFE	09-	**PA1086**				16100-80004
1.4 (71-74 kW) Eng.4ZZFE	07-	**PA953**				16100-29175,16100-29415
1.4 D-4D (66 kW) Eng.1NDTV	07-	**PA890**				16100-39395
1.5 (81 kW) Eng.1NZFE	09-	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
1.5 4WD (77 kW) Eng.1NZFE	09-	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
1.6 (91 kW) Eng.1ZRFE	07-	**PA1134**			Made in Japan	16100-39465/ 6
1.6 (97 kW) Eng.1ZRFAE	09-	**PA1134**			Made in Japan	16100-39465/ 6
1.8 (106-108 kW) Eng.2ZRFAE	09-	**PA1134**			Made in Japan	16100-39465/ 6
1.8 4WD (100 kW) Eng.2ZRFAE	09-	**PA1134**				16100-39465/ 6
1.8 VVTi (100 kW) Eng.2ZRFE	06-	**PA1134**				16100-39465/ 6
2.0 D-4D (93 kW) Eng.1ADFTV	07-	**PA1001**		•		16100-09340
2.2 D (130 kW) Eng.2ADFHV	4/07-	**PA1001**		•		16100-09340
2.4 VVTi, 4WD (123 kW) Eng.2AZFE	07-	**PA912**				16100-0H030,16100-28040/ 1
Auris II (NZ18), SW '2/13-						
1.3 (73 kW) Eng.1NRFE	13-	**PA1086**				16100-80004
1.4 D-4D (66 kW) Eng.1NDTV	13-	**PA1132**				16100-09610,16100-39525
1.6 (97 kW) Eng.1ZRFAE	13-	**PA1134**			Made in Japan	16100-39465/ 6
1.8 (106 kW) Eng.2ZRFAE	13-	**PA1134**				16100-39465/ 6
Avalon '10/96-						
3.0 V6 24v (135-140-150 kW) Eng.1MZFE	96-	**PA1144**		•		16100-09070,16100-29085
Avensis I (T22), SW '9/97-'3/03						
1.6 (AT220) (66-70-74-78-81-85 kW) Eng.4AFE	97-00	**PA713**	•			16110-09020/ 1
	97-00	**PA1154**			+BH	16100-09051
1.6 VVT-i (81 kW) Eng.3ZZFE	00-01	**PA919**				16100-09080/ 130,16100-29095
1.8 16v (AT221) (79-81-85-86 kW) Eng.7AFE	8/99-00	**PA944**	•		Imp. Aisin	16110-19175/ 6/ 185
	8/99-00	**PA717**			+BH Imp. Aisin	16100-19265,16100-19305
	97-7/99	**PA719**	•		Imp. Sem	16110-09030/ 1
	97-7/99	**PA1047**			+BH Imp. Sem	16100-09060/ 1

PA479



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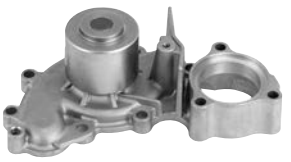

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KP859-1

		GRAF ref.			NOTE	Adaptable for OES
1.8 16v VVTi (92-95-99-103 kW) Eng.1ZZFE	00-01	**PA919**				16100-09080/ 130,16100-29095
2.0 16v (ST220) (90-95-98 kW) Eng.3SFE	97-00	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
2.0 D (61 kW) Eng.2CT	97-98	**PA714**		•		16100-69295/ 6,16100-69435
2.0 D-4D (81 kW) Eng.1CDFTV	99-03	**PA963**		•		16100-29135
2.0 D4-D (85 kW) Eng.1CDFTV	02-03	**PA963**		•		16100-29135
2.0 TD (CT220) (66 kW) Eng.2CTE	97-03	**PA714**		•		16100-69295/ 6,16100-69435
2.0 VVT-i (110 kW) Eng.1AZFE/FSE	00-03	**PA912**				16100-0H030,16100-28040/ 1
Avensis II (T25), SW '4/03-'1/09						
1.6 VVT-i (81 kW) Eng.3ZZFE	03-09	**PA953**				16100-29175,16100-29415
1.8 16v VVTi (95 kW) Eng.1ZZFE	03-09	**PA953**				16100-29175,16100-29415
2.0 (108 kW) Eng.1AZFSE	03-09	**PA912**				16100-0H030,16100-28040/ 1
2.0 D-4D (85 kW) Eng.1CDFTV	03-09	**PA961**		•		16100-29185
2.0 D-4D (93 kW) Eng.1ADFTV	06-09	**PA1001**		•		16100-09340
2.0 VVTi (114 kW) Eng.1AZFE	03-09	**PA912**				16100-0H030,16100-28040/ 1
2.2 D-4D (110 kW) Eng.2ADFTV	05-09	**PA1001**		•		16100-09340
2.2 D-CAT (130 kW) Eng.2ADFHV	05-09	**PA1001**		•		16100-09340
2.4 (120 kW) Eng.2AZFSE	03-09	**PA912**				16100-0H030,16100-28040/ 1
2.4 (125 kW) Eng.2AZFSE	03-09	**PA912**				16100-0H030,16100-28040/ 1
Avensis III (T27), SW '2/09-						
1.6 (97 kW) Eng.1ZRFAE	09-	**PA1134**			Made in Japan	16100-39465/ 6
1.8 (108 kW) Eng.2ZRFAE	09-	**PA1134**			Made in Japan	16100-39465/ 6
2.0 (112 kW) Eng.3ZRFAE	09-	**PA1134**			Made in Japan	16100-39465/ 6
2.0 D (93 kW) Eng.1ADFTV	09-	**PA1001**		•		16100-09340
2.0 D-4D (91 kW) Eng.1ADFTV	12-	**PA1001**		•		16100-09340
2.2 D (110-130 kW) Eng.2ADFTV/FHV	09-	**PA1001**		•		16100-09340
Avensis Verso (M20) '8/01-						
2.0 D4-D (85 kW) Eng.1CDFTV	01-	**PA963**		•		16100-29135
2.0 VVT-i (110 kW) Eng.1AZFE/FSE	01-	**PA912**				16100-0H030,16100-28040/ 1
2.2 D-4D (100 kW) Eng.2ADFTV	08-	**PA1001**		•		16100-09340
2.4 VVTi, 4WD (115 kW) Eng.2AZFE	03-06	**PA912**				16100-0H030,16100-28040/ 1
Aygo (KGB,WNB) '10/05-						
1.0 GPL (50 kW) Eng.1KRFE	05-	**PA1020**				16100-09240/ 450/ 530,16100-49895 16100-80003
1.0 VVT-i (50 kW) Eng.1KRFE	05-	**PA1020**				16100-09240/ 450/ 530,16100-49895 16100-80003
1.4 HDi (40 kW) Eng.DV4D	05-	**PA859**		•		SU001-00596
	7/05-	**KP859-1**		•	Belt:144x25, PA859	SU001-00542/ 3 / 4/ 5/ 596/ 877
Camry (V1)/ Vista/ Scepter '2/83-'8/96						
1.8 (66-74 kW) Eng.1SL	83-86	**PA479**		•		16110-63010,16110-69035/ 6
1.8 TD (48-54 kW) Eng.1CTL	83-88	**PA714**		•		16100-69295/ 6,16100-69435
2.0 (73-89 kW) Eng.2SE/2SELC	86-88	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
2.0 (79 kW) Eng.2SEL	83-86	**PA479**		•		16110-63010,16110-69035/ 6
2.2 (SXV10), SW (100 kW) Eng.5SFE	91-96	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
3.0 (VCV10), SW (138 kW) Eng.3VZFE	91-96	**PA936**		•		16100-69205/ 6/ 298/ 305/ 335
Camry (V2), SW '10/86-'5/91						
1.8 i (SV20) (66-74 kW) Eng.1SL	86-8/88	**PA479**		•		16110-63010,16110-69035/ 6
2.0 16v, 4WD (SV21, SV25) (90-95-98 kW) Eng.3SFE	86-91	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
2.0 TD (CV20) (62-63 kW) Eng.2CT	86-91	**PA714**		•		16100-69295/ 6,16100-69435
2.5 V6 GXI (VZV21) (118 kW) Eng.2VZFE	88-91	**PA936**		•		16100-69205/ 6/ 298/ 305/ 335
3.0 V6 24v (135 kW) Eng.1MZFE	88-91	**PA1144**		•		16100-09070,16100-29085
Camry (V20) '8/96-'11/01						
2.2 (93 kW) Eng.5SFE	00-01	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
2.2 (96 kW) Eng.5SFE	96-01	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
3.0 V6 24v (135-140 kW) Eng.1MZFE	96-01	**PA1144**		•		16100-09070,16100-29085
Camry (V30) '11/01-'12/05						
2.0 VVTi (110 kW) Eng.1AZFE	01-05	**PA912**				16100-0H030,16100-28040/ 1

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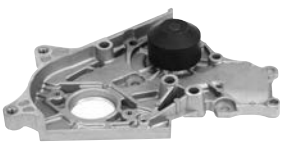

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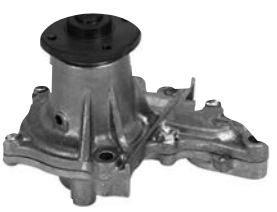

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		GRAF ref.			NOTE	Adaptable for OES
2.4 VVTi (112-117 kW) Eng.2AZFE	01-	**PA912**				16100-0H030,16100-28040/ 1
3.0 (141 kW) Eng.1MZFE	02-05	**PA1144**		•		16100-09070,16100-29085
3.0 V6 24v (137 kW) Eng.1MZFE	01-05	**PA1144**		•		16100-09070,16100-29085
Camry (V40) '1/06-						
2.4 VVTi (116 kW) Eng.2AZFE	06-	**PA912**				16100-0H030,16100-28040/ 1
2.4 VVTi (123-127 kW) Eng.2AZFE	06-	**PA912**				16100-0H030,16100-28040/ 1
2.4 VVTi Hybrid (105 kW) Eng.2AZFXE	06-	**PA912**				16100-0H030,16100-28040/ 1
2.4 VVTi Hybrid (110 kW) Eng.2AZFXE	06-	**PA912**				16100-0H030,16100-28040/ 1
Carina I (TA1) '5/73-'3/78						
1.6 (55 kW) Eng.2T	76-78	**PA210**				16100-25010/ 1/ 2
1.6 (63 kW) Eng.2TB	75-78	**PA210**				16100-25010/ 1/ 2
1.6 (TA12) (58 kW) Eng.2T	73-78	**PA210**				16100-25010/ 1/ 2
Carina I (TA4, TA6), SW '8/77-'2/87						
1.6 ST (TA4C, TA60) (Exc. SW) (63-66 kW) Eng.2TB/4AL	77-85	**PA352**				16110-28010
1.6, LT Coupe (55 kW) Eng.2T	78-83	**PA352**				16110-28010
1.8 (57 kW) Eng.3TC	78-83	**PA352**				16110-28010
1.8 (63-70 kW) Eng.3T	82-87	**PA352**				16110-28010
1.8 D (48 kW) Eng.1C	82-83	**PA714**		•		16100-69295/ 6,16100-69435
Carina II (T15) '10/83-'11/87						
1.5 (AT150) (61 kW) Eng.3AL	5/84-4/88	**PA772**	•			16110-19045/ 6/ 7
	5/84-4/88	**PA791**			+BH	16100-19105/ 6
1.6 (AT151) (55-89 kW) Eng.4ALC	83-87	**PA772**	•			16110-19045/ 6/ 7
	83-87	**PA791**			+BH	16100-19105/ 6
1.6 (AT151) (62-63 kW) Eng.4AL	83-87	**PA772**	•			16110-19045/ 6/ 7
	83-87	**PA791**			+BH	16100-19105/ 6
1.8 GLI (ST150) (74 kW) Eng.1SL	83-87	**PA479**		•		16110-63010,16110-69035/ 6
2.0 (ST162) Eng.3SGEL	85-87	**PA794**	•	•		16100-79095
2.0 D (CT150) (50-51-53 kW) Eng.2C/L	85-87	**PA714**		•		16100-69295/ 6,16100-69435
Carina II (T17), SW '12/87-'6/93						
1.5 (AT170) Eng.5AF	5/88-92	**PA768**	•			16100-19205 16110-15070/- 19076/ -19085/ 6
1.6 (AT171) (66 kW) Eng.4AF	87-89	**PA768**	•			16100-19205 16110-15070/- 19076/ -19085/ 6
1.6 (AT171) (72-75 kW) Eng.4AFE	87-92	**PA768**	•			16100-19205 16110-15070/- 19076/ -19085/ 6
2.0 16v (ST182/3) (115 kW) Eng.3SGE	89-93	**PA794**	•	•		16100-79095
2.0 D (53-54 kW) Eng.2C/L	88-93	**PA714**		•		16100-69295/ 6,16100-69435
2.0 GLI (ST171) (90-95-98 kW) Eng.3SFE	87-92	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
Carina III E (T19), SW '4/92-'9/97						
1.5 (T196) (77 kW) Eng.5EFE	92-94	**PA766A**			h. impeller 15,30mm	16110-19106
	92-94	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	92-94	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.6 (AT190) (73-85 kW) Eng.4AFE	12/94-97	**PA713**	•			16110-09020/ 1
	93-12/94	**PA712**	•			16110-19205
	93-12/94	**PA945**		•	+BH	16100-09120/ -19255/ 295/ 6/ 355
	93-97	**PA1154**			+BH	16100-09051
1.6 16v (AT190) (Exc. SW) (78 kW) Eng.4AFE	12/94-97	**PA713**	•			16110-09020/ 1
	93-12/94	**PA712**	•			16110-19205
	93-12/94	**PA945**		•	+BH	16100-09120/ -19255/ 295/ 6/ 355
	93-97	**PA1154**			+BH	16100-09051
1.6 GLi (Exc. SW) (79 kW) Eng.4AFE	95-97	**PA713**	•			16110-09020/ 1
	95-97	**PA1154**			+BH	16100-09051
1.8 (T190) Eng.4SFE	92-94	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
1.8 16v (AT191) (79-81-85-86 kW) Eng.7AFE	2/96-97	**PA944**	•			16110-19175/ 6/ 185
	2/96-97	**PA717**			+BH Imp. Aisin	16100-19265,16100-19305

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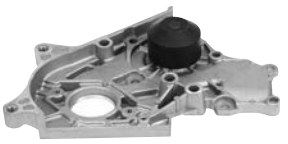

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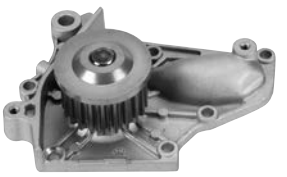
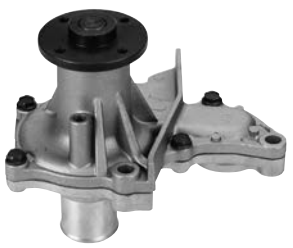


PA716



PA717

PA719

7 Pale /Blades

PA720

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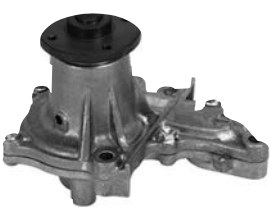

PA791

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PA919

PA944

PA953

PA1047

		GRAF ref.			NOTE	Adaptable for OES
1.8 16v (AT191) (79-81-85-86 kW) Eng.7AFE	95-1/96	**PA719**	•		Imp. Sem	16110-09030/ 1
	95-1/96	**PA1047**			+BH Imp. Sem	16100-09060/ 1
2.0 16v (ST191) (93 kW) Eng.3SFE	93-97	**PA794**	•	•	Mod. ST195	16100-79095
	93-97	**PA715**	•	•	Mod. ST202/3	16100-79075/ -79185/ -79025/ 6
2.0 D (CT190) (53 kW) Eng.2C	92-96	**PA714**		•		16100-69295/ 6,16100-69435
2.0 GLI (ST191) (90-95-98 kW) Eng.3SFE	92-97	**PA794**	•	•	Mod. ST195	16100-79095
	92-97	**PA715**	•	•	Mod. ST202/3	16100-79075/ -79185/ -79025/ 6
2.0 GTi (ST191) (Exc. SW) (116 kW) Eng.3SGE	92-94	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
2.0 GTi 16v (ST191) (Exc. SW) (115-125-129 kW) Eng.3SGE	94-97	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
2.0 TD (CT190) (61-62 kW) Eng.2CT	96-97	**PA714**		•		16100-69295/ 6,16100-69435
Celica I (TA2) '5/73-'3/78						
1.6 (TA2) (55 kW) Eng.2T	76-78	**PA210**				16100-25010/ 1/ 2
1.6 ST (TA2, TA22) (55-63 kW) Eng.2TB	73-78	**PA210**				16100-25010/ 1/ 2
Celica II (TA60, RA40, RA6) '8/77-'10/86						
1.6 GT 16v Coupe (91 kW) Eng.4AGE	83-86	**PA793**	•			16100-19115,16110-19165
1.6 ST (TA60) (63-66-80 kW) Eng.2TB	77-85	**PA352**				16110-28010
2.0 Eng.2SC	83-84	**PA479**		•		16110-63010,16110-69035/ 6
2.0 Coupe, XT (77 kW) Eng.21R/21RC	8/84-86	**PA486**				16100-39345/ 6
	82-8/84	**PA535**				16100-39315/ 6/ 7
2.2 (81 kW) Eng.20R/RU	80-84	**PA486**				16100-39345/ 6
2.4i Eng.22R	8/84-85	**PA486**				16100-39345/ 6
	80-8/84	**PA535**				16100-39315/ 6/ 7
Celica III (T16) '8/85-'8/90						
1.6 (63 kW) Eng.4AL	86-90	**PA772**	•			16110-19045/ 6/ 7
	86-90	**PA791**			+BH	16100-19105/ 6
1.6 GT (85-89 kW) Eng.4AGELC	87-89	**PA793**	•			16100-19115,16110-19165
1.6 GT 16v (91 kW) Eng.4AGEL	85-89	**PA772**	•			16110-19045/ 6/ 7
	85-89	**PA791**			+BH	16100-19105/ 6
1.8 (ST160) (66-74 kW) Eng.1SLU	85-89	**PA479**		•		16110-63010,16110-69035/ 6
1.8 (ST162/3) Eng.4SF	88-89	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
2.0 (ST162) Eng.3SF	87-89	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
2.0 GT, Cabrio (ST162), Coupe (103 kW) Eng.3SGELC	85-90	**PA794**	•	•		16100-79095
2.0 T. 4WD Coupe (136 kW) Eng.3SGTE	88-90	**PA794**	•	•		16100-79095
2.0, GT, Cabrio (ST162) (110 kW) Eng.3SGEL	85-90	**PA794**	•	•		16100-79095
Celica IV (T18) '10/89-'1/94						
1.6 STI (AT180) Coupe (66-70-74-78-81-85 kW) Eng.4AFE	89-94	**PA768**	•			16100-19205 16110-15070/- 19076/ -19085/ 6
2.0 GTi (ST182) Coupe, Cabrio (115-118 kW) Eng.3SGE	89-94	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
2.0 T. 4WD (ST185) Coupe (150-153 kW) Eng.3SGTE	89-94	**PA794**	•	•		16100-79095
2.2 (ST184) (100 kW) Eng.5SFE	89-	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
Celica V (T20) '11/93-'11/99						
1.8 16v (AT200/ST) (79-81-85-86 kW) Eng.7AFE	5/96-99	**PA944**	•			16110-19175/ 6/ 185
	5/96-99	**PA717**			+BH Imp. Aisin	16100-19265,16100-19305
2.0 i T. 4WD (ST205) (178 kW) Eng.3SGTE	94-99	**PA716**	•	•		16100-79235/ 6/ -79125
2.0i 16v (ST202/GT) (129 kW) Eng.3SGE	93-99	**PA720**	•	•		16100-79225
2.0i 16v, Cabrio (115-125 kW) Eng.3SGE	96-99	**PA720**	•	•		16100-79225
Celica VI (ZZT23) '11/99-						
1.8 16v VVTi (92-95-99-103-105 kW) Eng.1ZZFE	02-	**PA953**				16100-29175,16100-29415
	99-02	**PA919**				16100-09080/ 130,16100-29095

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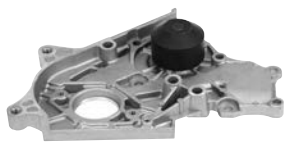

PA714

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PA766

PA766A

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PA952

		GRAF ref.			NOTE	Adaptable for OES
1.8 VVTLi TS (ZZT231) (141-165 kW) Eng.2ZZGE	99-	**PA952**				16100-29145/ 6
Corolla I (KE, TE) '11/66-'12/80						
1.0 (33 kW) Eng.2K	11/66-4/74	**PA212**				16100-22010,16100-29016
1.2 (57 kW) Eng.3K	11/66-7/70	**PA212**				16100-22010,16100-29016
	7/70-4/74	**PA209**				16100-29025/ 6
1.2, Coupe, SW (40-43 kW) Eng.3KB/C/H	74-80	**PA213**			Mod. KE2	16100-29027/ 8/ 9
	74-80	**PA211**			Mod. KE30/50	16100-29045/ 6/ 7
1.6 LiftB. (55 kW) Eng.2T	76-80	**PA210**				16100-25010/ 1/ 2
1.6 LiftB. (62 kW) Eng.2TB	76-80	**PA352**				16110-28010
Corolla II (E7) '9/79-'9/83						
1.3 (KE70), SW, LiftB. (43-48 kW) Eng.4KC	82-83	**PA351**				16100-19015/ 6/ 7
1.6 (TE71) LiftB. (63 kW) Eng.2TB	79-83	**PA352**				16110-28010
1.6 (TE71), LiftB. (55 kW) Eng.2T	79-83	**PA352**				16110-28010
1.8 (70 kW) Eng.3T	80-82	**PA352**				16110-28010
1.8 (TE72) LiftB. (57 kW) Eng.3TC	79-82	**PA352**				16110-28010
1.8 D (CE70), SW (43-48 kW) Eng.1C	1/83-9/83	**PA714**		•		16100-69295/ 6,16100-69435
Corolla III (E8) '5/83-'5/88						
1.3 (AE80), LiftB. (51 kW) Eng.2AL	83-12/84	**PA772**	•			16110-19045/ 6/ 7
	83-12/84	**PA791**			+BH	16100-19105/ 6
1.3 (AE80/EE80), LiftB., Compact FX (55-68 kW) Eng.2EL/2ELC	84-87	**PA766A**			h. impeller 15,30mm	16110-19106
	84-87	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	84-87	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.5 (AE81) (52 kW) Eng.3AC/LU/U	83-87	**PA772**	•			16110-19045/ 6/ 7
1.6 (AE82), LiftB. (62 kW) Eng.4AL	83-87	**PA772**	•			16110-19045/ 6/ 7
	83-87	**PA791**			+BH	16100-19105/ 6
1.6 (AE82), LiftB., Compact FX (53-58 kW) Eng.4ALC	85-88	**PA772**	•			16110-19045/ 6/ 7
	85-88	**PA791**			+BH	16100-19105/ 6
1.6 16v Coupe (85 kW) Eng.4AGEC	85-87	**PA793**	•			16100-19115,16110-19165
1.6 GT 16v Compact FX (85-89-91 kW) Eng.4AGEL	85-87	**PA793**	•			16100-19115,16110-19165
1.6 GT 16v Coupe (91 kW) Eng.4AGE	83-87	**PA793**	•			16100-19115,16110-19165
1.6 LiftB. (63 kW) Eng.4AL	85-88	**PA772**	•			16110-19045/ 6/ 7
	85-88	**PA791**			+BH	16100-19105/ 6
1.8 D, LiftB., Compact FX (43 kW) Eng.1C	83-88	**PA714**		•		16100-69295/ 6,16100-69435
1.8 D, LiftB., Compact FX (48 kW) Eng.1CL	83-88	**PA714**		•		16100-69295/ 6,16100-69435
Corolla IV (E9), SW, Compact, Liftback '8/87-'6/93						
1.3 12v (EE90) (55 kW) Eng.2E/2EE	87-92	**PA766A**			h. impeller 15,30mm	16110-19106
	87-92	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	87-92	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.5 (AE91) Eng.5AF/FE	87-92	**PA768**	•			16100-19205 16110-15070/- 19076/ -19085/ 6
1.5 (AE98) Eng.3E	87-93	**PA766A**			h. impeller 15,30mm	16110-19106
	87-93	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	87-93	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.6 (AE92) (66 kW) Eng.4AF	87-92	**PA768**	•			16100-19205 16110-15070/- 19076/ -19085/ 6
1.6 (AE92) (Exc. Compact) (70 kW) Eng.4AF	87-92	**PA768**	•			16100-19205 16110-15070/- 19076/ -19085/ 6
1.6 GTi (AE92) (Exc. SW) (85-89-92-95 kW) Eng.4AGE	87-93	**PA793**	•			16100-19115,16110-19165
1.6i, 4WD (74-78-81 kW) Eng.4AFE	87-93	**PA768**	•			16100-19205 16110-15070/- 19076/ -19085/ 6
1.8 D (CE90) (47-48 kW) Eng.1C	87-93	**PA714**		•		16100-69295/ 6,16100-69435
Corolla V (E10), SW, Compact, Liftback '7/92-'4/97						
1.3 12v (EE100) (53-68 kW) Eng.2E	92-97	**PA766A**			h. impeller 15,30mm	16110-19106
	92-97	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	92-97	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.3 XLI (EE101) (55 kW) Eng.4EFE	95-97	**PA766A**			h. impeller 15,30mm	16110-19106

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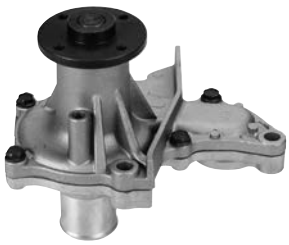

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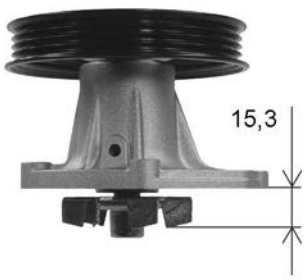

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KP747-3

		GRAF ref.			NOTE	Adaptable for OES
1.3 XLI (EE101) (55 kW) Eng.4EFE	95-97	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	95-97	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.3 XLI 16v (EE101) (65 kW) Eng.4EFE	92-97	**PA766A**			h. impeller 15,30mm	16110-19106
	92-97	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	92-97	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.5 (AE103,104) Eng.5EFE	92-94	**PA766A**			h. impeller 15,30mm	16110-19106
	92-94	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	92-94	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.5 (AE107,108) Eng.3E	92-94	**PA766A**			h. impeller 15,30mm	16110-19106
	92-94	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	92-94	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.6 Si, GLi (AE101) (66-70-74-78-81-85 kW) Eng.4AFE	92-97	**PA712**	•			16110-19205
	92-97	**PA945**		•	+BH	16100-09120/ -19255/ 295/ 6/ 355
1.8 16v 4WD, GT (AE102, 103) (79-81-85-86-88-92 kW) Eng.7AFE	92-97	**PA944**	•			16110-19175/ 6/ 185
	92-97	**PA717**			+BH Imp. Aisin	16100-19265,16100-19305
2.0 D (CE100) (53 kW) Eng.2C	92-97	**PA714**		•		16100-69295/ 6,16100-69435
Corolla VI (E11), SW, Compact, Liftback '4/97-'1/02						
1.3 (55 kW) Eng.2E	97-01	**PA718**				16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
1.4 (EE111) (63 kW) Eng.4EFE	97-00	**PA766A**			h. impeller 15,30mm	16110-19106
	97-00	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	97-00	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.4 16v (ZZE111) (71 kW) Eng.4ZZFE	00-02	**PA919**				16100-09080/ 130,16100-29095
1.6 (AE111) (81 kW) Eng.4AFE	97-00	**PA712**	•		Exc. SW	16110-19205
	97-00	**PA945**		•	Exc. SW, +BH	16100-09120/ -19255/ 295/ 6/ 355
	97-99	**PA1005**			SW	16110-19185
1.6 16v (81 kW) Eng.3ZZFE	00-02	**PA919**				16100-09080/ 130,16100-29095
1.6 Aut. (AE111) (79 kW) Eng.4AFE	97-00	**PA945**		•	+BH	16100-09120/ -19255/ 295/ 6/ 355
1.8, AWD (AE115) (Only SW) (79-81-85-86 kW) Eng.7AFE	97-02	**PA944**	•			16110-19175/ 6/ 185
	97-02	**PA717**			+BH Imp. Aisin	16100-19265,16100-19305
1.9 D (WZE110) (51 kW) Eng.1WZ	00-02	**PA747**		•		SU001-00204
	2/00-1/02	**KP747-3**		•	Belt:140x25,4, PA747	SU001-00085/ 88,SU001-00204
2.0 D (CE110) (53 kW) Eng.2CE	97-00	**PA714**		•		16100-69295/ 6,16100-69435
2.0 D-4D (66-85 kW) Eng.1CDFTV	97-02	**PA963**		•		16100-29135
Corolla VII (E12) Verso '1/02-'5/04						
1.4 VVT-i (71 kW) Eng.4ZZFE	02-04	**PA953**				16100-29175,16100-29415
1.6 VVT-i (81 kW) Eng.3ZZFE	02-04	**PA953**				16100-29175,16100-29415
1.8 16v VVTi (99 kW) Eng.1ZZFE	02-04	**PA953**				16100-29175,16100-29415
2.0 D-4D (66 kW) Eng.1CDFTV	02-04	**PA963**		•		16100-29135
2.0 D-4D (85 kW) Eng.1CDFTV	01-04	**PA961**		•		16100-29185
Corolla VII (E12), SW '1/02-						
1.3 (74 kW) Eng.1NRFE	08-	**PA1086**				16100-80004
1.3 VVTi (64 kW) Eng.2NZFE	01-	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
1.4 D-4D (55 kW) Eng.1NDTV	04-	**PA890**				16100-39395
1.4 D-4D (66 kW) Eng.1NDTV	04-	**PA890**				16100-39395
1.4 VVT-i (71 kW) Eng.4ZZFE	02-04	**PA919**				16100-09080/ 130,16100-29095
	04-	**PA953**				16100-29175,16100-29415
1.5 (80 kW) Eng.1NZFE	02-	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
1.6 (97 kW) Eng.1ZRFAE	09-	**PA1134**				16100-39465/ 6
1.6 VVTi (91 kW) Eng.1ZRFE	06-	**PA1134**				16100-39465/ 6
1.6 VVT-i (81 kW) Eng.3ZZFE	02-04	**PA919**				16100-09080/ 130,16100-29095
	04-	**PA953**				16100-29175,16100-29415
1.8 (106 kW) Eng.2ZRFAE	10-	**PA1134**				16100-39465/ 6
1.8 (92-96-100 kW) Eng.1ZZFE	02-	**PA919**				16100-09080/ 130,16100-29095
1.8 VVTL-i (100 kW) Eng.2ZRFE	07-	**PA1134**				16100-39465/ 6

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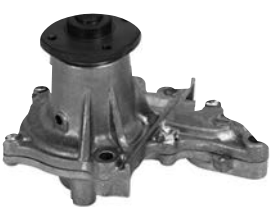

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		GRAF ref.			NOTE	Adaptable for OES
1.8 VVTLi TS (160-165 kW) Eng.2ZZGE	05-	**PA952**				16100-29145/ 6
1.8 VVTLi TS (Exc. SW) (141 kW) Eng.2ZZGE	02-	**PA952**				16100-29145/ 6
2.0 D-4D (66 kW) Eng.1CDFTV	02-	**PA963**		•		16100-29135
2.0 D-4D (81 kW) Eng.1CDFTV	02-	**PA963**		•		16100-29135
2.0 D-4D (85 kW) Eng.1CDFTV	03-	**PA961**		•		16100-29185
Corolla VIII Verso (R1) '4/04-						
1.3 VVTi (64 kW) Eng.8AFE	04-	**PA945**		•		16100-09120/ -19255/ 295/ 6/ 355
1.5 (80 kW) Eng.1NZFE	04-09	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
1.6 VVT-i (81 kW) Eng.3ZZFE	04-	**PA953**				16100-29175,16100-29415
1.8 16v VVTi (95 kW) Eng.1ZZFE	04-	**PA953**				16100-29175,16100-29415
2.0 D-4D (85 kW) Eng.1CDFTV	04-	**PA961**		•		16100-29185
2.2 D (130 kW) Eng.2ADFHV	05-	**PA1001**		•		16100-09340
2.2 D-4D (100 kW) Eng.2ADFTV	05-	**PA1001**		•		16100-09340
Corona I (RX, RT) '12/75-'1/81						
1.8, LiftB. (63-70 kW) Eng.3T	79-81	**PA352**				16110-28010
Corona II '1/82-'12/92						
1.5 (AT150) (61 kW) Eng.3ALU	83-87	**PA772**	•			16110-19045/ 6/ 7
	83-87	**PA791**			+BH	16100-19105/ 6
1.5 (AT170) (78 kW) Eng.5AFE	87-92	**PA768**	•			16100-19205 16110-15070/- 19076/ -19085/ 6
1.5 (ET176) Eng.3E	87-92	**PA766A**			h. impeller 15,30mm	16110-19106
	87-92	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	87-92	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.6 (AT160) (85 kW) Eng.4AGELU	85-89	**PA793**	•			16100-19115,16110-19165
1.6 (AT175) (77-84 kW) Eng.4AFE	88-92	**PA768**	•			16100-19205 16110-15070/- 19076/ -19085/ 6
1.8 (ST140,150,160) (74 kW) Eng.1SEL	82-88	**PA479**		•		16110-63010,16110-69035/ 6
1.8 (ST163,170,180) Eng.4SF	87-93	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
1.8 (YT140) Eng.2YPU	89-92	**PA771**				16100-79035/ 6/ 7
2.0 (90-98 kW) Eng.3SFE	86-92	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
2.0 (RT133) (77 kW) Eng.21RU	82-84	**PA535**				16100-39315/ 6/ 7
2.0 (ST162) Eng.3GE/SG	85-89	**PA794**	•	•		16100-79095

PA479

PA486

PA535

PA715

PA767

PA771

PA775

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PA1080

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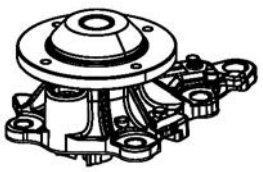
PA1094



PA1160

PA1170

		GRAF ref.			NOTE	Adaptable for OES
Cressida III (X6), SW '9/80-'3/85						
1.8 Eng.1SU	82-85	**PA479**		•		16110-63010,16110-69035/ 6
2.0 (77 kW) Eng.21R/21RC	81-85	**PA535**				16100-39315/ 6/ 7
2.2 D (49 kW) Eng.L	80-85	**PA775**				16100-59135/ 6 / 7/ 8
2.4 D (63-66 kW) Eng.2LT	82-85	**PA775**				16100-59135/ 6 / 7/ 8
Cressida IV (X7), SW '3/85-'1/88						
1.8 Eng.1SU	85-88	**PA479**		•		16110-63010,16110-69035/ 6
1.8 Eng.2YPUJE	85-88	**PA771**				16100-79035/ 6/ 7
2.4 D (63-66 kW) Eng.2LT	85-88	**PA775**				16100-59135/ 6 / 7/ 8
Cressida V (X8), SW '1/88-'1/93						
1.8 Eng.4SFI	88-93	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
2.0 (65 kW) Eng.3YP	88-93	**PA771**				16100-79035/ 6/ 7
2.4 D (63-66 kW) Eng.2LT	88-93	**PA767**				16100-59155
Crown I (S1) '1/61-'12/94						
2.0 (MS112) (65 kW) Eng.3YPU/PE/3YC	83-94	**PA771**				16100-79035/ 6/ 7
2.2 (69 kW) Eng.4Y	88-94	**PA771**				16100-79035/ 6/ 7
2.4 TD (LS130) (71 kW) Eng.2LTE/EH	8/89-94	**PA767**				16100-59155
	84-8/89	**PA775**				16100-59135/ 6 / 7/ 8
Crown II (CRS, JZS, UZS) '9/04-						
3.0 (170 kW) Eng.3GRFE	04-	**PA1170**				16100-39435/ 6
Dyna I 100 '8/77-'12/89						
1.8 (58 kW) Eng.2Y	86-89	**PA771**				16100-79035/ 6/ 7
2.0 (79 kW) Eng.3Y	84-87	**PA771**				16100-79035/ 6/ 7
2.4 D (55 kW) Eng.2J	84-87	**PA775**				16100-59135/ 6 / 7/ 8
2.4 D (71 kW) Eng.2L	86-89	**PA767**				16100-59155
	86-89	**PA775**				16100-59135/ 6 / 7/ 8
Dyna I 150 '8/77-'12/89						
1.8 (58 kW) Eng.2Y	86-89	**PA771**				16100-79035/ 6/ 7
2.0 (79 kW) Eng.3Y	84-87	**PA771**				16100-79035/ 6/ 7
2.4 D (71 kW) Eng.2L	8/88-89	**PA767**				16100-59155
	86-8/88	**PA775**				16100-59135/ 6 / 7/ 8
Dyna II '8/88-'12/94						
2.8 D (66 kW) Eng.3L	8/88-94	**PA767**				16100-59155
Dyna IV (KD, LY) '8/01-						
2.5 D-4D (65-75 kW) Eng.2KDFTV	01-	**PA1080**			+BH	16100-09260,16100-69355/ 6
3.0 D-4D (80-100 kW) Eng.1KDFTV	06-	**PA1080**			+BH	16100-09260,16100-69355/ 6
iQ (AJ1) '3/09-						
1.0 (50 kW) Eng.1KRFE	09-	**PA1094**				16100-80005
1.3 (69-72-74 kW) Eng.1NRFE	09-	**PA1160**				16100-80008
1.4 D-4D (66 kW) Eng.1NDTV	09-	**PA1093**				16100-39535
Land Cruiser III (J7) '11/84-						
2.4 (RJ70, RJ73) (77 kW) Eng.22R	84-93	**PA486**				16100-39345/ 6
2.4 (RJ70, RJ73) (81 kW) Eng.22R	84-93	**PA486**				16100-39345/ 6
2.4 (RJ70V, RJ73_V) (84 kW) Eng.22RE	88-96	**PA486**				16100-39345/ 6
2.4 D (LJ70) (53-71 kW) Eng.2L	84-85	**PA775**				16100-59135/ 6 / 7/ 8
2.4 TD (LJ70, LJ73) (63 kW) Eng.2LT	85-90	**PA775**				16100-59135/ 6 / 7/ 8
2.4 TD (LJ70,77), Hardtop (66 kW) Eng.2LT	90-93	**PA767**				16100-59155
3.0 TD (KZJ70, 73, 77), Hardtop (92 kW) Eng.1KZT	93-96	**PA1080**			+BH	16100-09260,16100-69355/ 6
4.2 TD (HZJ7_V), 4WD (96-100 kW) Eng.1HZ	90-	**PA923**				16100-19235
Land Cruiser IV 80 (J8) '1/90-'12/97						
4.2 D (HZJ80) (99 kW) Eng.1HZ	90-97	**PA923**				16100-19235
4.2 TD (118 kW) Eng.1HDT	92-97	**PA923**				16100-19235

PA714

PA715

PA718

PA766

PA766A

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PA1080

		GRAF ref.			NOTE	Adaptable for OES
4.2 TD (123 kW) Eng.1HDT	90-97	**PA923**				16100-19235
4.2 TD 24v (HDJ80) (125 kW) Eng.1HDFE/FT	95-97	**PA923**				16100-19235
Land Cruiser V 90 (J9) '4/96-						
3.0 D-4D (120 kW) Eng.1KDFTV	00-	**PA1080**			+BH	16100-09260,16100-69355/ 6
3.0 TD (103 kW) Eng.1KZTE	96-00	**PA1080**			+BH	16100-09260,16100-69355/ 6
3.0 TD (KZJ90, KZJ95) (92 kW) Eng.1KZTE	96-	**PA1080**			+BH	16100-09260,16100-69355/ 6
Land Cruiser VI 100 (J10) '1/98-'12/07						
4.2 TD (HDJ100) (150 kW) Eng.1HDFTE	98-	**PA923**				16100-19235
Land Cruiser VII (J12) '9/02-						
3.0 D (96-98 kW) Eng.1KZTE	05-	**PA1080**			+BH	16100-09260,16100-69355/ 6
3.0 D-4D (120-122 kW) Eng.1KDFTV	03-	**PA1080**			+BH	16100-09260,16100-69355/ 6
3.0 D-4D (127 kW) Eng.1KDFTV	07-	**PA1080**			+BH	16100-09260,16100-69355/ 6
3.0 D-4D (92 kW) Eng.1KZTE	02-	**PA1080**			+BH	16100-09260,16100-69355/ 6
Land Cruiser IX (J15) Prado '1/10-						
3.0 D-4D (127 kW) Eng.1KDFTV	1/10-	**PA1080**			+BH	16100-09260,16100-69355/ 6
3.0 D-4D (140 kW) Eng.1KDFTV	1/10-	**PA1080**			+BH	16100-09260,16100-69355/ 6
3.0 TDi (120 kW) Eng.1KDFTV	1/10-	**PA1080**			+BH	16100-09260,16100-69355/ 6
MR 2 I (W1) '11/84-'6/90						
1.5 Eng.3ALU	84-89	**PA772**	•			16110-19045/ 6/ 7
1.6 16v (AW11) (85-89-91 kW) Eng.4AGEL/GELC	84-90	**PA793**	•			16100-19115,16110-19165
MR 2 II (W2) '12/89-'5/00						
2.0 (88 kW) Eng.3SFE	12/89-11/93	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
2.0 16v (115-125-129 kW) Eng.3SGE	12/89-11/93	**PA794**	•	•		16100-79095
MR 2 III (W3) '4/00-						
1.8 16v VVTi (92-95-99-103 kW) Eng.1ZZFE	00-	**PA919**				16100-09080/ 130,16100-29095
Paseo II (EL54) '8/95-'7/99						
1.3 (65 kW) Eng.4EFE	95-00	**PA766A**			h. impeller 15,30mm	16110-19106
	95-00	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	95-00	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.5 (81 kW) Eng.5EFE	8/95-00	**PA766A**			h. impeller 15,30mm	16110-19106
	8/95-00	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	8/95-00	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.5 (85 kW) Eng.5EFE	8/95-7/99	**PA766A**			h. impeller 15,30mm	16110-19106
	8/95-7/99	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	8/95-7/99	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.5 16v, Cabrio (66 kW) Eng.5EFE	8/95-7/99	**PA766A**			h. impeller 15,30mm	16110-19106
	8/95-7/99	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	8/95-7/99	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
Picnic I (XM10) '5/96-'4/01						
2.0 (90 kW) Eng.3SFE	1/01-4/01	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
2.0 16v (SXM10) (94 kW) Eng.3SFE	96-	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
2.2 D (CMX10) (66 kW) Eng.3CTE	97-	**PA714**		•		16100-69295/ 6,16100-69435
Picnic II '5/01-'8/06						
2.0 (110 kW) Eng.1AZFE	01-06	**PA912**				16100-0H030,16100-28040/ 1
2.4 VVTi (115 kW) Eng.2AZFE	01-06	**PA912**				16100-0H030,16100-28040/ 1
Previa I (TCR1, 2) '5/90-'8/00						
2.4, 4WD (97 kW) Eng.2TZFE	90-00	**PA929**	•			16100-76030,16100-79165
Previa II (ACR3) '8/00-						
2.0 D-4D (66-81-85 kW) Eng.1CDFTV	01-	**PA963**		•		16100-29135
2.4 (125 kW) Eng.2AZFE	05-	**PA912**				16100-0H030,16100-28040/ 1

PA209

PA210

PA211

PA213

PA351

PA715

PA718

PA766

PA766A

PA864

PA912

PA953

PA963

PA1001

PA1134

PA1144

		GRAF ref.			NOTE	Adaptable for OES
2.4 16v (115 kW) Eng.2AZFE	00-	**PA912**				16100-0H030,16100-28040/ 1
3.0 VVTi (162 kW) Eng.1MZFE	00-05	**PA1144**		•		16100-09070,16100-29085
Prius I (NHW11) '5/00-'1/04						
1.5 (53 kW) Eng.1NZFXE	00-04	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
Prius II (NHW20) '1/04-'12/08						
1.5 (57 kW) Eng.1NZFXE	04-	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
Rav 4 I (XA1) '6/94-'6/00						
2.0 16v, Cabrio (90-95-98 kW) Eng.3SFE	4/94-6/00	**PA715**	•	•		16100-79075/ -79185/ -79025/ 6
Rav 4 II (XA2) '6/00-'2/06						
1.8 16v VVTi (92-95-99-103 kW) Eng.1ZZFE	01-06	**PA953**				16100-29175,16100-29415
2.0 D-4D 4WD (66-81-85 kW) Eng.1CDFTV	01-	**PA963**		•		16100-29135
2.0 VVTi 4WD (110 kW) Eng.1AZFE/FSE	00-	**PA912**				16100-0H030,16100-28040/ 1
2.4 VVTi 4WD (112 kW) Eng.2AZFE	03-05	**PA912**				16100-0H030,16100-28040/ 1
Rav 4 III (XA3) '3/06-						
2.0 (116 kW) Eng.3ZRFAE	09-	**PA1134**			Made in Japan	16100-39465/ 6
2.0 VVT-i (112 kW) Eng.1AZFE/FSE	06-	**PA912**				16100-0H030,16100-28040/ 1
2.0 VVTi, 4WD (109 kW) Eng.3ZRFAE	09-	**PA1134**				16100-39465/ 6
2.2 D-4D (100 kW) Eng.2ADFTV	06-	**PA1001**		•		16100-09340
2.2 D-CAT (130 kW) Eng.2ADFHV	06-	**PA1001**		•		16100-09340
2.4 VVTi, 4WD (125 kW) Eng.2AZFE	05-	**PA912**				16100-0H030,16100-28040/ 1
Rav 4 IV (SA4) '4/13-						
2.0 4WD (111 kW) Eng.3ZRFAE	13-	**PA1134**				16100-39465/ 6
2.2 D-4D 4WD (110 kW) Eng.2ADFHV	13-	**PA1001**		•		16100-09340
Sprinter I '1/74-'12/79						
1.2 (57 kW) Eng.3K	74-78	**PA211**				16100-29045/ 6/ 7
1.6 GT (65 kW) Eng.2TG	74-79	**PA210**				16100-25010/ 1/ 2
Starlet I (P), SW '11/74-'8/78						
1.0 (33 kW) Eng.2K	74-78	**PA351**				16100-19015/ 6/ 7
Starlet II (P6) '2/78-'9/84						
1.0 (KP60), SW (33-43 kW) Eng.2K	78-84	**PA351**				16100-19015/ 6/ 7
1.2 S (KP62), SW (39-41-57 kW) Eng.3KH	78-82	**PA351**				16100-19015/ 6/ 7
1.3 (KP61) (41-43-48 kW) Eng.4K	82-84	**PA351**				16100-19015/ 6/ 7
Starlet III (P7) '10/84-'12/89						
1.0 (EP70L) (40 kW) Eng.1EL	84-89	**PA351**				16100-19015/ 6/ 7
1.3 (EP71L) (55-68 kW) Eng.2ELC	84-89	**PA351**				16100-19015/ 6/ 7
Starlet IV (P8) '12/89-'3/96						
1.0 (EP80) (40 kW) Eng.1E	89-92	**PA766A**			h. impeller 15,30mm	16110-19106
	89-92	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	89-92	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.3 12v (EP81), Kat (55 kW) Eng.2E/2EE	89-96	**PA766A**			h. impeller 15,30mm	16110-19106
	89-96	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	89-96	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
Starlet V (P9) '4/96-'3/99						
1.3 (EP91) (55 kW) Eng.4EFE	96-3/99	**PA766A**			h. impeller 15,30mm	16110-19106
	96-3/99	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	96-3/99	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
Tercel I (L1, L2) '3/79-'4/86						
1.3 (AL20, AL11) (48 kW) Eng.2A	79-84	**PA209**				16100-29025/ 6
1.5, 4WD (AL25) (52 kW) Eng.3AC/LU/U	83-	**PA213**				16100-29027/ 8/ 9

PA718

PA766

PA766A

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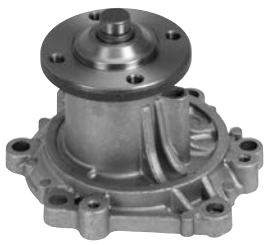
		GRAF ref.			NOTE	Adaptable for OES
Tercel II (L3) '5/86-'6/90						
1.3 12v Eng.2E	5/86-9/90	**PA766A**			h. impeller 15,30mm	16110-19106
	5/86-9/90	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	5/86-9/90	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.5 Eng.3E	5/86-89	**PA766A**			h. impeller 15,30mm	16110-19106
	5/86-89	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	5/86-89	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
Tercel III (L4) '9/90-'12/94						
1.3 (65 kW) Eng.4EFE	9/90-94	**PA766A**			h. impeller 15,30mm	16110-19106
	9/90-94	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	9/90-94	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.5 Eng.3E/3EE	9/90-8/92	**PA766A**			h. impeller 15,30mm	16110-19106
	9/90-8/92	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	9/90-8/92	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
1.5 Eng.5EFE	9/90-94	**PA766A**			h. impeller 15,30mm	16110-19106
	9/90-94	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	9/90-94	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
Tercel IV (L5) '11/94-'9/99						
1.5, 4WD (70 kW) Eng.5EFE	94-99	**PA766A**			h. impeller 15,30mm	16110-19106
	94-99	**PA718**			h. impeller 17,30mm	16100-19195/ -19225/ 6 16110-19055/ -19095/ -19105/ 6/ 7
	94-99	**PA766**			w/o pulley, h. impeller 15,30mm	16110-19055/ -19065/ -19095/ -19105
Urban Cruiser '6/09-						
1.3 (74 kW) Eng.1NRFE	09-	**PA1086**				16100-80004
1.4 D-4D, 4WD (66 kW) Eng.1NDTV	09-	**PA1132**				16100-09610,16100-39525
1.5 VVTi 4WD (76-80 kW) Eng.1NZFE	09-	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
Verso '7/09-						
1.6 (97 kW) Eng.1ZRFAE	09-	**PA1134**			Made in Japan	16100-39465/ 6
1.8 (108 kW) Eng.2ZRFAE	09-	**PA1134**			Made in Japan	16100-39465/ 6
2.0 D (93 kW) Eng.1ADFTV	09-	**PA1001**		•		16100-09340
2.2 D-Cat (110 kW) Eng.2ADFTV	09-	**PA1001**		•		16100-09340
2.2 D-Cat (130 kW) Eng.2ADFHV	09-	**PA1001**		•		16100-09340
Verso-S '6/11-						
1.3 VVTi (73 kW) Eng.1NRFE	11-	**PA1086**				16100-80004
1.4 D MT (66 kW) Eng.1NDTV	11-	**PA1132**				16100-09610,16100-39525
1.5i (80 kW) Eng.1NZFE	10-	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
Yaris I (CP10)/ Vitz/Platz '4/99-'12/05						
1.0 16v (48 kW) Eng.1SZFE	03-	**PA826**			3 fori mozzo, hub hole	16100-29115/ 6/ 7
	03-	**PA827**			4 fori mozzo, hub hole	16100-09140/ 1,16100-29125
1.0 16v (50 kW) Eng.1SZFE	4/99-	**PA826**			3 fori mozzo, hub hole	16100-29115/ 6/ 7
	4/99-	**PA827**			4 fori mozzo, hub hole	16100-09140/ 1,16100-29125
1.3 (64 kW) Eng.2SZFE	02-	**PA827**				16100-09140/ 1,16100-29125
1.3 16v (NCP10) (63 kW) Eng.2NZFE	99-	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
1.4 D-4D (55 kW) Eng.1NDTV	01-	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
1.5 TS (NCP13) (77 kW) Eng.1NZFE	03-	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
1.5 VVT-i TS (110 kW) Eng.1NZFE	03-05	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
1.5 VVT-i TS (78 kW) Eng.1NZFE	01-	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
Yaris I (NC/LP2) Verso '11/99-'12/05						
1.3 16v (NCP22) (63 kW) Eng.2NZFE	11/99-	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
1.4 D-4D (55 kW) Eng.1NDTV	12/01-	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
1.5 (NCP21) (78 kW) Eng.1NZFE	3/00-	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6

PA213

PA486



PA767

PA771

PA775

PA827

PA864

PA890

PA1020

PA1080

PA1086

PA1132

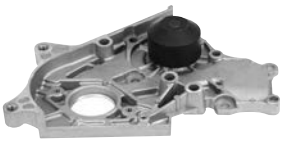
PA1134

		GRAF ref.			NOTE	Adaptable for OES
Yaris II (C/SP9) '1/06-						
1.0 VVT-i (51 kW) Eng.1KRFE	06-	**PA1020**				16100-09240/ 450/ 530,16100-49895 16100-80003
1.3 VVT-i (74 kW) Eng.1NRFE	09-	**PA1086**				16100-80004
1.3 VVT-i, 4WD (64 kW) Eng.2SZFE/2NZFE	06-	**PA827**				16100-09140/ 1,16100-29125
1.4 D-4D (66 kW) Eng.1NDTV	06-	**PA890**				16100-39395
	09-	**PA1132**				16100-09610,16100-39525
1.5 (80 kW) Eng.1NZFE	05-	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
1.8 (98 kW) Eng.2ZRFE	07-	**PA1134**			Made in Japan	16100-39465/ 6
Yaris III (P13) '10/11-						
1.0 (51 kW) Eng.1KRFE	11-	**PA1020**				16100-09240/ 450/ 530,16100-49895 16100-80003
1.3 (70-73 kW) Eng.1NRFE	11-	**PA1086**				16100-80004
1.3 VVTi (63 kW) Eng.2NZFE	10-	**PA864**				16100-29155/ 6/ 7,16100-29195/ 6
1.4 D-4D (66 kW) Eng.1NDTV	11-	**PA1132**				16100-09610,16100-39525

TOYOTA LCV

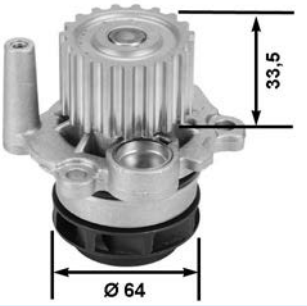
Auris Van '3/07-						
1.4 D-4D (66 kW) Eng.1NDTV	07-	**PA890**				16100-39395
Hiace II (H5) '3/83-'11/89						
1.8 (58 kW) Eng.2Y	83-89	**PA771**				16100-79035/ 6 / 7
2.0 (65 kW) Eng.3Y/3YC	84-89	**PA771**				16100-79035/ 6 / 7
2.2 D (49-72 kW) Eng.L	83-89	**PA775**				16100-59135/ 6/ 7/ 8
2.4 D, 4WD (55 kW) Eng.2L	84-89	**PA775**				16100-59135/ 6/ 7/ 8
Hiace III (H10) '8/89-'8/95						
2.4 D (LH102), 4WD (55-57-71 kW) Eng.2L	89-95	**PA767**				16100-59155
2.8 D (61 kW) Eng.3L	89-95	**PA767**				16100-59155
Hiace IV (H1, H2) '8/95-						
2.4 D (55 kW) Eng.2L	7/99-	**PA767**				16100-59155
2.4 D (57-61-71 kW) Eng.2L	8/95-	**PA767**				16100-59155
2.4 TD, 4WD (63-66 kW) Eng.2LT	95-	**PA767**				16100-59155
2.5 D-4D (65-70-75 kW) Eng.2KDFTV	01-	**PA1080**			+BH	16100-09260,16100-69355/ 6
Hilux I (N) '1/72-'1/89						
2.0 (65 kW) Eng.3Y/3YC	83-89	**PA771**				16100-79035/ 6 / 7
2.4 D (57-71 kW) Eng.2L	83-89	**PA775**				16100-59135/ 6/ 7/ 8
Hilux I (N) Pick-Up '1/84-						
1.8 (58-61 kW) Eng.2Y	88-94	**PA771**				16100-79035/ 6 / 7
1.8 Eng.1Y	8/93-	**PA771**				16100-79035/ 6 / 7
2.0, 4WD (65 kW) Eng.3Y/3YC	84-86	**PA771**				16100-79035/ 6 / 7
2.2 4WD (69-72 kW) Eng.4Y/4YEC	87-89	**PA771**				16100-79035/ 6 / 7
2.4 D (55 kW) Eng.2L	98-02	**PA767**				16100-59155
2.4 D, 4WD (58-61 kW) Eng.2L	94-	**PA767**				16100-59155
2.4 i 4WD (84 kW) Eng.22R	89-	**PA486**				16100-39345/ 6
2.4 TD 4WD (66 kW) Eng.2LT	98-02	**PA767**				16100-59155
2.5 D-4D (65 kW) Eng.2KDFTV	01-	**PA1080**			+BH	16100-09260,16100-69355/ 6
2.5 D-4D 4WD (75 kW) Eng.2KDFTV	01-	**PA1080**			+BH	16100-09260,16100-69355/ 6
2.8 D (60-61 kW) Eng.3L	88-94	**PA767**				16100-59155
Hilux II '1/05-						
2.5 D-4D 4WD (106 kW) Eng.2KDFTV	10-	**PA1080**			+BH	16100-09260,16100-69355/ 6
2.5 D-4D 4WD (88 kW) Eng.2KDFTV	05-	**PA1080**			+BH	16100-09260,16100-69355/ 6
Liteace I '10/79-'1/95						
1.3 (42-43 kW) Eng.4KC/4K	79-86	**PA213**				16100-29027/ 8 / 9
1.6 Eng.1YJ	82-86	**PA771**				16100-79035/ 6 / 7
1.8 (58-62 kW) Eng.2Y	82-92	**PA771**				16100-79035/ 6 / 7
2.0 (65-79 kW) Eng.3Y/3YC	85-92	**PA771**				16100-79035/ 6 / 7

PA674



PA714

PA731



PA762

PA765

PA771

PA904

PA905

PA947

KP674-1

KP731-1

KP904-1

KP947-2

KP947-4

		GRAF ref.			NOTE	Adaptable for OES
2.0 D (51-53 kW) Eng.2C	92-94	**PA714**		•		16100-69295/ 6
2.2 (72 kW) Eng.4YEC	92-95	**PA771**				16100-79035/ 6 / 7
Modell F (R2, 31) Bus '11/82-'1/90						
1.8 (YR20) (58 kW) Eng.2Y/2YC	82-90	**PA771**				16100-79035/ 6 / 7
2.0 (65 kW) Eng.3Y/3YC	84-88	**PA771**				16100-79035/ 6 / 7
2.0 (66 kW) Eng.3Y	88-90	**PA771**				16100-79035/ 6 / 7
2.0 D (53 kW) Eng.2C	83-	**PA714**		•		16100-69295/ 6
2.2 (YR22LG, YR31LG) (72 kW) Eng.4Y/4YEC	87-90	**PA771**				16100-79035/ 6 / 7

VOLKSWAGEN

Bora (1J2, 1J6), Variant '10/98-						
1.4 16v (55 kW) Eng.AHW/AKQ/APE/AUA/AXP/BCA	98-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	10/98-	**KP674-1**		•	Eng.APE, AXP, BCA, Belt:130x20/58x17, PA674, Eng 160001-	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.6 (74 kW) Eng.AEH/AKL/APF	98-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	98-	**KP904-1**		•	Belt:138x23, PA904	
1.6 (75 kW) Eng.AVU/BFQ/BJH	98-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	98-	**KP904-1**		•	Belt:138x23, PA904	
1.6 16v (77 kW) Eng.ATN/AUS/AZD/BCB	00-	**PA765**		•		036 121 005F/ P,036 121 008G
1.6 FSI (81 kW) Eng.BAD	02-	**PA765**		•		036 121 005F/ P,036 121 008G
1.8 T. (110 kW) Eng.AGU/ARX/AUM/BAE	00-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	5/00-	**KP947-2**		•	Belt:150x23, PA947, Ch -1JY850000	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	5/00-	**KP947-4**		•	Belt:150x23, PA947, Ch 1JY850001-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 T. (132 kW) Eng.AUQ	02-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	5/02-	**KP947-4**		•	Belt:150x23, PA947	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8, 4motion (92 kW) Eng.AGN/BAF	98-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	10/98-	**KP947-2**		•	Belt:150x23, PA947, Ch -1JY850000	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	10/98-	**KP947-4**		•	Belt:150x23, PA947, Ch 1JY850001-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.9 SDi (Exc. SW) (50 kW) Eng.AGP/AQM	98-	**PA731**		•		038 121 011/ A/ AV/ AX
	10/98-	**KP731-1**		•	Eng.AGP, Belt:141x25, PA731, Eng 030001-	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (81 kW) Eng.AHF/ASV	98-01	**PA731**		•		038 121 011/ A/ AV/ AX
	10/98-6/01	**KP731-1**		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi, 4motion (110 kW) Eng.ARL	00-	**PA905**		•		038 121 011H/ K,03G 121 011
1.9 TDi, 4motion (66 kW) Eng.AGR/ALH/ANU	98-01	**PA731**		•		038 121 011/ A/ AV/ AX
	98-01	**KP731-1**		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi, 4motion (74 kW) Eng.ATD/AXR	00-	**PA762**		•		038 121 011C/ D,03L 121 011B

28 teeth pulley

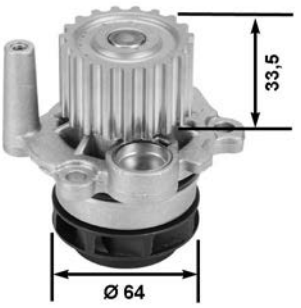
PA148

PA279

PA579

PA617

PA658



PA762

PA878

PA947

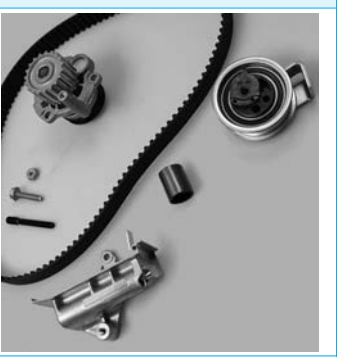
Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

KP762-1



KP762-2

KP878-1

KP947-1

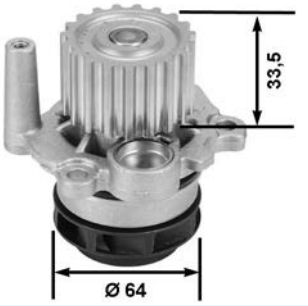
		GRAF ref.			NOTE	Adaptable for OES
1.9 TDi, 4motion (74 kW) Eng.ATD/AXR	9/00-	**KP762-2**		•	Belt:120x30, PA762, Eng -010000/ Ch -1J2592782	038 121 011C/ CX/ D/ DX,03L 121 011B
	9/00-	**KP762-1**		•	Belt:120x30, PA762, Eng 010001-/ Ch 1J2592783-	038 121 011C/ CX/ D/ DX,03L 121 011B 038 198 119A/ C
1.9 TDi, 4motion (85 kW) Eng.AJM/AUY	98-01	**PA762**		•		038 121 011C/ D,03L 121 011B
	12/98-6/01	**KP762-2**		•	Belt:120x30, PA762, Eng 185671-	038 121 011C/ CX/ D/ DX,03L 121 011B
1.9 TDi, 4motion (96 kW) Eng.ASZ	00-03	**PA762**		•		038 121 011C/ D,03L 121 011B
	03-	**PA878**		•		038 121 011G/ J
	-4/02	**KP762-2**		•	Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B
	5/02-	**KP878-1**		•	Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 4motion (88 kW) Eng.ATF	99-03	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
2.0, 4motion (85 kW) Eng.APK/AQY/AZH/AZG/AZJ	98-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	10/98-	**KP947-1**		•	Belt:138x23, PA947	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X,06A 198 119 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
2.3 V5, 4motion (125 kW) Eng.AQN	00-	**PA658**				066 121 011C/ D,071 121 005
2.3 VR5, 4motion (110 kW) Eng.AGZ	98-00	**PA658**				066 121 011C/ D,071 121 005
2.8 V6, 4motion (150 kW) Eng.AQP/AUE/BDE	99-	**PA617**	•			021 121 004/ A
Corrado (53I) '9/88-'12/95						
1.8 16v (100 kW) Eng.KR	89-92	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	89-92	**PA1104**	•		+RB, +PS	037 121 005C
	89-92	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	89-92	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 G60 (118 kW) Eng.1H/PG	89-92	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	89-92	**PA1104**	•		+RB, +PS	037 121 005C
	89-92	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	89-92	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 (85 kW) Eng.2E/ADY/AKR	93-95	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	93-95	**PA1104**	•		+RB, +PS	037 121 005C
	93-95	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	93-95	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 16v (100 kW) Eng.9A	91-95	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-95	**PA1104**	•		+RB, +PS	037 121 005C
	91-95	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-95	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.9 VR6 (140 kW) Eng.ABV	91-95	**PA617**	•			021 121 004/ A
Derby I (86) '2/77-'12/81						
0.9 (29 kW) Eng.HA	77-81	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.1 (37 kW) Eng.HB	77-81	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (43 kW) Eng.HJ	77-81	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (44 kW) Eng.HH	77-81	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
Derby II (86C, 80) '8/81-'12/88						
1.0 (29 kW) Eng.GL	81-88	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.0 (33 kW) Eng.HZ	81-88	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.1 (37 kW) Eng.HB	81-88	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019

PA146

28 teeth pulley

PA148

PA603



PA762

PA855

PA875

PA878

PA879

PA904

PA954

PA980

PA1041

PA1051

PA1071

PA1072

PA1137

KP878-1

KP879-1

		GRAF ref.			NOTE	Adaptable for OES
1.3 (37-40 kW) Eng.2G/HK/HW/MH	83-84	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (40 kW) Eng.HK/NZ	83-88	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (44 kW) Eng.HH	81-88	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (55 kW) Eng.3F/GK	82-88	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
Eos I '3/06-						
1.4 TSi (90 kW) Eng.CAXA	08-	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 FSI (85 kW) Eng.BLF	06-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
2.0 16v TSi (155 kW) Eng.CCZB	09-	**PA1071**	•		Ch -1FZBV006059	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
	11-	**PA1072**	•		Ch 1FZBV006377-	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 FSI (110 kW) Eng.BVY/BVZ	06-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 TDi (100 kW) Eng.CFFA	08-	**PA1137**				03L 121 011C/ J
2.0 TDi (103 kW) Eng.BMM	06-	**PA878**		•		038 121 011G/ J
	6/06-	**KP878-1**		•	Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 TDI 16v (103 kW) Eng.CBAB/CFFB	09-	**PA762**		•	Eng. CBAB	038 121 011C/ D,03L 121 011B
	09-	**PA1137**			Eng. CFFB	03L 121 011C/ J
2.0 TFSI (147 kW) Eng.BWA/CCTA/CCZA	06-	**PA1071**	•		Eng. CCTA, CCZA, Ch -1FZBV006059	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
	06-	**PA980**		•	Eng. BWA	06A 121 011R,06F 121 011
	11-	**PA1072**	•		Eng. CCTA, CCZA, Ch 1FZBV006377-	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
3.2 FSI (184 kW) Eng.BUB/CBRA	06-	**PA1041**		•		022 121 011/ A/ L/ V
3.2 V6 (191 kW)	09-	**PA1041**		•		022 121 011/ A/ L/ V
3.6 V6 (191 kW) Eng.CDVA	09-	**PA1041**		•		022 121 011/ A/ L/ V
Fox (5Z1) '4/05-						
1.0 (52 kW)	05-	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
1.0 (53 kW) Eng.AQZ/BJE/BNX	05-	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
1.0 (54 kW) Eng.CCNA	08-	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
1.2 (40 kW) Eng.BMD	05-	**PA855**				03D 121 005,03D 121 013B
1.2 (44 kW) Eng.CHFA	10-	**PA855**				03D 121 005,03D 121 013B
1.4 (55 kW) Eng.BKR	05-	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
1.4 TDi (51 kW) Eng.BNM	05-	**PA879**		•		045 121 011F/ H
	4/05-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.6 (73-74 kW) Eng.BAH/BLH/BPA/CCRA/CFZA	03-	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
1.9 D (47 kW) Eng.ASY	07-	**PA875**		•		045 121 011G/ J
Golf I (17, 155) '4/74-'4/93						
1.1 (37 kW) Eng.FA/GG	74-83	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.1 (38 kW) Eng.FJ	81-83	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.1 (44 kW) Eng.HC	81-83	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (43 kW) Eng.GS	82-83	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (44 kW) Eng.GF	79-83	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 Cabrio (44 kW) Eng.GF	79-86	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.5 (51 kW) Eng.FH	74-75	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X

PA146

PA279

PA546

PA579

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

		GRAF ref.			NOTE	Adaptable for OES
1.5 (51 kW) Eng.FH	74-75	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.5 D (37 kW) Eng.CK	76-7/80	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	76-7/80	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 (51 kW) Eng.FT/EWA	75-77	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	75-77	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 (55 kW) Eng.FP	75-77	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	75-77	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 Cabrio (53 kW) Eng.RE	86-90	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-90	**PA1104**	•		+RB, +PS	037 121 005C
	86-90	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-90	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 D (40 kW) Eng.CR/JK	80-81	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	80-81	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	82-83	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	82-83	**PA1104**	•		+RB, +PS	037 121 005C
	82-83	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	82-83	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 TD (51 kW) Eng.CY	82-83	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	82-83	**PA1104**	•		+RB, +PS	037 121 005C
	82-83	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	82-83	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6, Cabrio (55 kW) Eng.EW/HN	83-92	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	83-92	**PA1104**	•		+RB, +PS	037 121 005C
	83-92	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	83-92	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6, Cabrio, GTi (81 kW) Eng.EG	76-82	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	76-82	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.8 Cabrio (66 kW) Eng.EX	83-92	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	83-92	**PA1104**	•		+RB, +PS	037 121 005C
	83-92	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	83-92	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 Cabrio (70 kW) Eng.JH	83-93	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	83-93	**PA1104**	•		+RB, +PS	037 121 005C
	83-93	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	83-93	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 Cabrio (72 kW) Eng.2H	89-93	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	89-93	**PA1104**	•		+RB, +PS	037 121 005C
	89-93	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	89-93	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GTI (82 kW) Eng.DX/EV/PB	82-89	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	82-89	**PA1104**	•		+RB, +PS	037 121 005C
	82-89	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	82-89	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GTI Cabrio (82 kW) Eng.DX/EV/PB	82-89	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	82-89	**PA1104**	•		+RB, +PS	037 121 005C

PA146

28 teeth pulley

PA148

PA279

30 teeth pulley

PA425

PA546

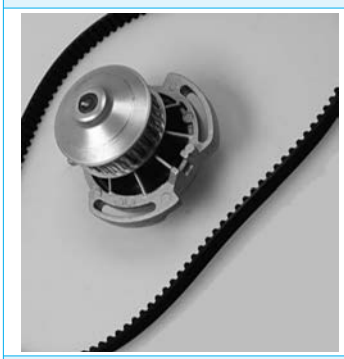
PA579

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105



KP425-1

		GRAF ref.			NOTE	Adaptable for OES
1.8 GTI Cabrio (82 kW) Eng.DX/EV/PB	82-89	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	82-89	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
Golf II (19E, 1G1) '8/83-'12/92						
1.0 (33 kW) Eng.GN	85-91	**PA148**		•	26 Teeth pulley, Eng -786022	052 121 004/ V/ X,052 121 005/ A 052 121 019
	85-91	**PA425**		•	30 Teeth pulley, Eng 786023-	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.0 (37 kW) Eng.HZ	85-91	**PA148**		•	26 Teeth pulley, Eng -786022	052 121 004/ V/ X,052 121 005/ A 052 121 019
	85-91	**PA425**		•	30 Teeth pulley, Eng 786023-	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.3 (37 kW) Eng.NU	85-87	**PA148**		•	26 Teeth pulley, Eng -200000	052 121 004/ V/ X,052 121 005/ A 052 121 019
	85-87	**PA425**		•	30 Teeth pulley, Eng 200001-	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.3 (44 kW) Eng.GT	83-86	**PA148**		•	26 Teeth pulley, Eng -200000	052 121 004/ V/ X,052 121 005/ A 052 121 019
	83-86	**PA425**		•	30 Teeth pulley, Eng 200001-	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.3, Kat (40 kW) Eng.2G/HK/MH/NZ	83-92	**PA148**		•	26 Teeth pulley, Eng -262739	052 121 004/ V/ X,052 121 005/ A 052 121 019
	83-92	**PA425**		•	30 Teeth pulley, Eng 262740-	030 121 004A/ B,030 121 005H/ L/ LV/ LX
	8/83-12/92	**KP425-1**		•	Eng.2G, Belt:128x19, PA425, Eng 262 740-	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.6 (51 kW) Eng.PN/EZA	86-92	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-92	**PA1104**	•		+RB, +PS	037 121 005C
	86-92	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-92	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (53 kW) Eng.RF(KAT)	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C
	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (55 kW) Eng.EZ/HM	83-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	83-91	**PA1104**	•		+RB, +PS	037 121 005C
	83-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	83-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 D (37 kW) Eng.CS	83-91	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	83-91	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 D (40 kW) Eng.JP/ME	83-91	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	83-91	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 TD (44 kW) Eng.1V	89-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	89-91	**PA1104**	•		+RB, +PS	037 121 005C
	89-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	89-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 TD (51 kW) Eng.JR/MF	83-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	83-91	**PA1104**	•		+RB, +PS	037 121 005C
	83-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	83-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 TD (59 kW) Eng.RA/SB	89-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	89-91	**PA1104**	•		+RB, +PS	037 121 005C
	89-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	89-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (62 kW) Eng.RH	86-90	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-90	**PA1104**	•		+RB, +PS	037 121 005C
	86-90	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-90	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (66 kW) Eng.HV/GU/GX	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C

PA279

30 teeth pulley

PA425

PA579

PA603

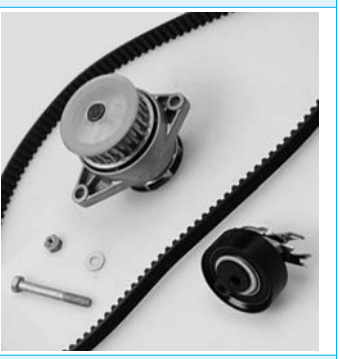
Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

KP425-1



KP603-1

		GRAF ref.			NOTE	Adaptable for OES
1.8 (66 kW) Eng.HV/GU/GX	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 16v (102 kW) Eng.KR	86-90	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-90	**PA1104**	•		+RB, +PS	037 121 005C
	86-90	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-90	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 16v GTi (95 kW) Eng.PL	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C
	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 G60, Syncro (118 kW) Eng.1H/PG	88-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	88-91	**PA1104**	•		+RB, +PS	037 121 005C
	88-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	88-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GTI (77 kW) Eng.HT	85-	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	85-	**PA1104**	•		+RB, +PS	037 121 005C
	85-	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	85-	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GTI (82 kW) Eng.DX/EV/GZ/PB	83-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	83-91	**PA1104**	•		+RB, +PS	037 121 005C
	83-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	83-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GTI, Kat (79 kW) Eng.PF/RD	85-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	85-91	**PA1104**	•		+RB, +PS	037 121 005C
	85-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	85-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 Syncro (66 kW) Eng.GU/GX	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C
	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 Syncro (72 kW) Eng.1P	88-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	88-91	**PA1104**	•		+RB, +PS	037 121 005C
	88-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	88-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8, Syncro (66 kW) Eng.RP	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C
	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 (57 kW)	85-92	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	85-92	**PA1104**	•		+RB, +PS	037 121 005C
	85-92	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	85-92	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
						Golf III (1H1) '10/91-'4/99
1.4 (40 kW) Eng.ABD	91-99	**PA425**		•	30 Teeth pulley	030 121 004A/ B,030 121 005H/ L/ LV/ LX
	93-95	**KP425-1**		•	Belt:128x19, PA425	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.4 (44 kW) Eng.AEX/APQ	91-99	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	10/91-4/99	**KP603-1**		•	Belt:135x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,030 198 119A 6K0 198 001A
1.6 (55 kW) Eng.ABU	92-9/94	**PA425**		•	30 Teeth pulley	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.6 (55 kW) Eng.AEA/AEE	7/94-97	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K

PA279

PA579

PA609

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

KP603-2

		GRAF ref.			NOTE	Adaptable for OES
1.6 (55 kW) Eng.AEA/AEE	9/92-8/97	**KP603-2**		•	Eng.AEA, Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.6, Cabrio (74 kW) Eng.AEK/AFT/AKS	94-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	94-99	**PA1104**	•		+RB, +PS	037 121 005C
	94-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	94-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (55 kW) Eng.AAM	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (66 kW) Eng.ABS/ADZ	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 Cabrio (55 kW) Eng.AAM	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 Cabrio (66 kW) Eng.ABS/ADZ	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GT (66 kW) Eng.ABS/ACC/ADZ	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 Syncro (66 kW) Eng.ADZ	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 D (48 kW) Eng.1Y	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 SDi (47 kW) Eng.AEY	97-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	97-99	**PA1104**	•		+RB, +PS	037 121 005C
	97-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	97-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TD (55 kW) Eng.AAZ	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TDi (66 kW) Eng.1Z	93-95	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	93-95	**PA1104**	•		+RB, +PS	037 121 005C
	93-95	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	93-95	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
	95-99	**PA609**				028 121 004/ V/ X
1.9 TDi (66 kW) Eng.AHU/ALE	93-95	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	93-95	**PA1104**	•		+RB, +PS	037 121 005C
	93-95	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	93-95	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
	95-99	**PA609**				028 121 004/ V/ X
1.9 TDi (81 kW) Eng.AFN	96-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A

			Cuscietto Rinforzato Reinforced Bearing
PA279	**PA579**	**PA609**	**PA1104**
Cuscietto Rinforzato/Reinforced Bearing			
PA1105			

		GRAF ref.			NOTE	Adaptable for OES
1.9 TDi (81 kW) Eng.AFN	96-99	**PA1104**	•		+RB, +PS	037 121 005C
	96-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	96-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TDi Cabrio (66 kW) Eng.1Z	93-95	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	93-95	**PA1104**	•		+RB, +PS	037 121 005C
	93-95	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	93-95	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
	95-99	**PA609**				028 121 004/ V/ X
1.9 TDi Cabrio (66 kW) Eng.AHU/ALE	93-95	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	93-95	**PA1104**	•		+RB, +PS	037 121 005C
	93-95	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	93-95	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
	95-99	**PA609**				028 121 004/ V/ X
1.9 TDi Cabrio (81 kW) Eng.AFN	96-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	96-99	**PA1104**	•		+RB, +PS	037 121 005C
	96-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	96-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TDi Syncro (66 kW) Eng.1Z	93-95	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	93-95	**PA1104**	•		+RB, +PS	037 121 005C
	93-95	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	93-95	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
	95-99	**PA609**				028 121 004/ V/ X
1.9 TDi Syncro (66 kW) Eng.AHU/ALE	93-95	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	93-95	**PA1104**	•		+RB, +PS	037 121 005C
	93-95	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	93-95	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
	95-99	**PA609**				028 121 004/ V/ X
2.0 (85 kW) Eng.2E	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 (85 kW) Eng.ADY/AGG/AKR	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 Cabrio (85 kW) Eng.2E	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 Cabrio (85 kW) Eng.ADY/AGG/AKR	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 GTi 16v (110 kW) Eng.ABF	92-97	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	92-97	**PA1104**	•		+RB, +PS	037 121 005C
	92-97	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	92-97	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 Syncro (85 kW) Eng.2E	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 Syncro (85 kW) Eng.ADY/AGG/AKR	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C

PA279

30 teeth pulley

PA425

PA579

PA603

PA609

PA617

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

KP425-1

KP603-1

KP603-2

		GRAF ref.			NOTE	Adaptable for OES
2.0 Syncro (85 kW) Eng.ADY/AGG/AKR	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.8 VR6 (120-128 kW) Eng.AAA	92-97	**PA617**	•			021 121 004/ A
2.9 VR6 (140 kW) Eng.ABV	94-99	**PA617**	•			021 121 004/ A
2.9 VR6 Syncro (140 kW) Eng.ABV	94-99	**PA617**	•			021 121 004/ A
Golf III (1H5) Variant '10/91-'4/99						
1.4 (40 kW) Eng.ABD	91-99	**PA425**		•	30 Teeth pulley	030 121 004A/ B,030 121 005H/ L/ LV/ LX
	-7/95	**KP425-1**		•	Belt:128x19, PA425	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.4 (44 kW) Eng.AEX/APQ	91-99	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	10/91-4/99	**KP603-1**		•	Eng.AEX, Belt:135x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,030 198 119A 6K0 198 001A
1.6 (55 kW) Eng.ABU	92-9/94	**PA425**		•	30 Teeth pulley	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.6 (55 kW) Eng.AEA/AEE	7/94-97	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	9/92-8/97	**KP603-2**		•	Eng.AEA, Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.6 (74 kW) Eng.AEK/AFT/AKS	94-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	94-99	**PA1104**	•		+RB, +PS	037 121 005C
	94-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	94-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (55 kW) Eng.AAM	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (66 kW) Eng.ABS/ADZ	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 Syncro (66 kW) Eng.ABS/ADZ	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 D (48 kW) Eng.1Y	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 SDi (47 kW) Eng.AEY	97-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	97-99	**PA1104**	•		+RB, +PS	037 121 005C
	97-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	97-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TD (55 kW) Eng.AAZ	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TDi (66 kW) Eng.1Z	93-95	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	93-95	**PA1104**	•		+RB, +PS	037 121 005C
	93-95	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	93-95	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
	95-99	**PA609**				028 121 004/ V/ X
1.9 TDi (66 kW) Eng.AHU/ALE	93-95	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	93-95	**PA1104**	•		+RB, +PS	037 121 005C
	93-95	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX

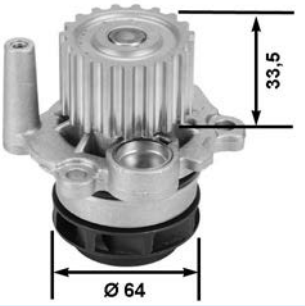
PA279	**PA579**	**PA609**	**PA617**
PA674	**PA765**	**PA904**	**PA954**
Cuscietto Rinforzato Reinforced Bearing	Cuscietto Rinforzato/Reinforced Bearing		
PA1104	**PA1105**	**KP674-1**	**KP904-1**

		GRAF ref.			NOTE	Adaptable for OES
1.9 TDi (66 kW) Eng.AHU/ALE	93-95	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
	95-99	**PA609**				028 121 004/ V/ X
1.9 TDi (81 kW) Eng.AFN	96-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	96-99	**PA1104**	•		+RB, +PS	037 121 005C
	96-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	96-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TDi Syncro (66 kW) Eng.1Z	93-95	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	93-95	**PA1104**	•		+RB, +PS	037 121 005C
	93-95	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	93-95	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
	95-99	**PA609**				028 121 004/ V/ X
1.9 TDi Syncro (66 kW) Eng.AHU/ALE	93-95	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	93-95	**PA1104**	•		+RB, +PS	037 121 005C
	93-95	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	93-95	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
	95-99	**PA609**				028 121 004/ V/ X
2.0 (85 kW) Eng.2E	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 (85 kW) Eng.ADY/AGG/AKR	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 Syncro (85 kW) Eng.2E	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 Syncro (85 kW) Eng.ADY/AGG/AKR	91-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-99	**PA1104**	•		+RB, +PS	037 121 005C
	91-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.9 VR6 (140 kW) Eng.ABV	94-99	**PA617**	•			021 121 004/ A
2.9 VR6 Syncro (140 kW) Eng.ABV	94-99	**PA617**	•			021 121 004/ A
Golf IV (1J1, 5), Variant '8/97-'9/03						
1.4 16v (55 kW) Eng.AHW/AKQ/APE/AXP/BCA	97-03	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	8/97-9/03	**KP674-1**		•	Eng.AHW/APE/AXP, Belt:130x20/58x17, PA674, Ch -1J6050000	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.6 (74 kW) Eng.AEH/AKL/APF	97-00	**PA904**		•	Eng. AEH, AKL, APF	06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	8/97-2/00	**KP904-1**		•	Belt:138x23, PA904	
1.6 (75 kW) Eng.AVU/BFQ	00-03	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	98-	**KP904-1**		•	Belt:138x23, PA904	
1.6 16v (77 kW) Eng.ATN/AUS/AZD/BCB	00-03	**PA765**		•		036 121 005F/ P,036 121 008G
1.6 16v (78 kW) Eng.AWB	00-03	**PA765**		•		036 121 005F/ P,036 121 008G
1.6 Cabrio (74 kW) Eng.AFT/AKS	97-00	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	97-00	**PA1104**	•		+RB, +PS	037 121 005C
	97-00	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	97-00	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 FSI (81 kW) Eng.BAD	02-03	**PA765**		•		036 121 005F/ P,036 121 008G
1.6 FSI (85 kW) Eng.BAG	03-04	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.8 Cabrio (Exc. SW) (55 kW) Eng.AAM/ANN	98-03	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	98-03	**PA1104**	•		+RB, +PS	037 121 005C

PA279

PA579

PA731



PA762

PA878

PA905

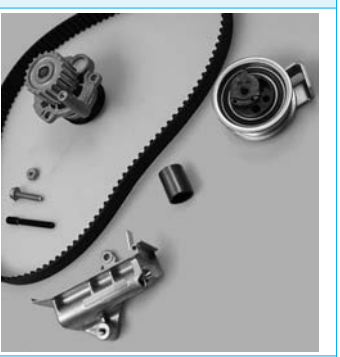
PA947

PA1104

PA1105

KP731-1

KP762-1



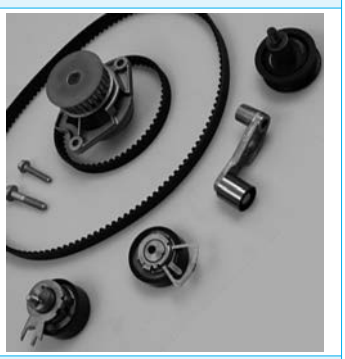
KP762-2

KP878-1

KP947-2

KP947-4

		GRAF ref.			NOTE	Adaptable for OES
1.8 Cabrio (Exc. SW) (55 kW) Eng.AAM/ANN	98-03	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	98-03	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 T. (110 kW) Eng.AGU/ARZ/AUM	97-03	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	8/97-9/03	**KP947-2**		•	Belt:150x23, PA947, Ch -1JY850000	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	8/97-9/03	**KP947-4**		•	Belt:150x23, PA947, Ch 1JY850001-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8 T. (Exc. SW) (132 kW) Eng.AUQ	01-03	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	8/01-9/03	**KP947-4**		•	Belt:150x23, PA947	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8, 4motion (92 kW) Eng.AGN/BAF	97-03	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	8/97-9/03	**KP947-2**		•	Belt:150x23, PA947, Ch -1JY850000	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	8/97-9/03	**KP947-4**		•	Belt:150x23, PA947, Ch 1JY850001-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.8, Cabrio (Exc. SW) (66 kW) Eng.ACC/ADZ/ANP	98-03	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	98-03	**PA1104**	•		+RB, +PS	037 121 005C
	98-03	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	98-03	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 SDi (50 kW) Eng.AGP/AQM	97-03	**PA731**		•		038 121 011/ A/ AV/ AX
	8/97-9/03	**KP731-1**		•	Eng.AGP, Belt:141x25, PA731, Eng 400001-	038 121 011/ A/ AV/ AX,038 198 119D/ E
	8/97-9/03	**KP731-1**		•	Eng.AQM, Belt:141x25, PA731, Eng 030001-	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (81 kW) Eng.AFN/AHF/ASV/AVG	97-01	**PA731**		•		038 121 011/ A/ AV/ AX
	8/97-6/01	**KP731-1**		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi Cabrio (66 kW) Eng.AGR/AHU/ALH/ALE	98-01	**PA731**		•		038 121 011/ A/ AV/ AX
1.9 TDi Cabrio (81 kW) Eng.AFN/AHF/ASV/AVG	97-01	**PA731**		•		038 121 011/ A/ AV/ AX
1.9 TDi, 4motion (66 kW) Eng.AGR/AHU/ALH/ALE	98-01	**PA731**		•		038 121 011/ A/ AV/ AX
	4/98-6/01	**KP731-1**		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi, 4motion (74 kW) Eng.ATD/AXR	00-03	**PA762**		•		038 121 011C/ D,03L 121 011B
	9/00-9/03	**KP762-2**		•	Belt:120x30, PA762, Eng -010000	038 121 011C/ CX/ D/ DX,03L 121 011B
	9/00-9/03	**KP762-1**		•	Belt:120x30, PA762, Eng 010001-	038 121 011C/ CX/ D/ DX,03L 121 011B 038 198 119A/ C
1.9 TDi, 4motion (85 kW) Eng.AJM/AUY	98-01	**PA762**		•		038 121 011C/ D,03L 121 011B
	12/98-6/01	**KP762-2**		•	Belt:120x30, PA762, Eng 185671-	038 121 011C/ CX/ D/ DX,03L 121 011B
1.9 TDi, 4motion (96 kW) Eng.ASZ	00-1/03	**PA762**		•		038 121 011C/ D,03L 121 011B
	1/03-10/03	**PA878**		•		038 121 011G/ J
	1/03-	**KP878-1**		•	Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
	-12/02	**KP762-2**		•	Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B
1.9 TDi, 4motion (Exc. SW) (110 kW) Eng.ARL	00-03	**PA905**		•		038 121 011H/ K,03G 121 011
2.0 (Exc. SW) (85 kW) Eng.APK/AQY/AZG/AZJ	98-03	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G

PA617	**PA654**	**PA658**	**PA674**
PA806	**PA879**	**PA904**	**PA939**
			
PA947	**PA954**	**PA1051**	**KP674-1**
KP674-2	**KP879-1**	**KP904-1**	**KP947-1**

		GRAF ref.			NOTE	Adaptable for OES
2.0 (Exc. SW) (85 kW) Eng.APK/AQY/AZG/AZJ	7/98-9/03	**KP947-1**		•	Belt:138x23, PA947	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X,06A 198 119 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
2.0 4motion (85 kW) Eng.AZH/AZJ	00-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	10/00-9/03	**KP947-1**		•	Belt:138x23, PA947	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X,06A 198 119 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
2.0 4motion (88 kW) Eng.ATF	99-06	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
2.0 Bi-Fuel (Exc. SW) (85 kW) Eng.BEH	02-03	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	2/02-9/03	**KP947-1**		•	Belt:138x23, PA947	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X,06A 198 119 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
2.0 Cabrio (Exc. SW) (85 kW) Eng.AGG/AKR/ATU/AWF/AWG	98-03	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
2.3 V5, 4motion (125 kW) Eng.AQN	00-03	**PA658**				066 121 011C/ D,071 121 005
2.3 VR5, 4motion (110 kW) Eng.AGZ	97-00	**PA658**				066 121 011C/ D,071 121 005
2.8 (128 kW) Eng.AAA	97-99	**PA617**	•			021 121 004/ A
2.8 V6 4motion (150 kW) Eng.AQP/AUE/BDE	99-03	**PA617**	•			021 121 004/ A
2.8 VR6 (130 kW)	00-02	**PA617**	•			021 121 004/ A
2.8 VR6 (147 kW) Eng.BDF	02-05	**PA617**	•			021 121 004/ A
3.2 R32 4motion (Exc. SW) (177 kW) Eng.BFH	02-03	**PA617**	•			021 121 004/ A
Golf V (1K1), Variant '10/03-'12/08						
1.0 (48 kW)	05-	**PA654**		•		036 121 005/ D/ J/ M
1.0 (53 kW)	05-	**PA654**		•		036 121 005/ D/ J/ M
1.4 16v (55 kW) Eng.BCA	03-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	03-	**KP674-2**		•	Belt:130x20, PA674, Ch 1K6650001-	036 109 119AG/ M/ P/ Q 036 109 243AB/ AC/ AD/ AE/ AG/ E/ K/ L/ R/ S 036 109 244C/ D/ J 036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	10/03-12/08	**KP674-1**		•	Belt:130x20/58x17, PA674, Ch -1K6250000	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 16v (59 kW) Eng.BUD	06-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
		KP674-2		•	Belt:130x20, PA674, Ch 1K6250001-	036 109 119AG/ M/ P/ Q 036 109 243AB/ AC/ AD/ AE/ AG/ E/ K/ L/ R/ S 036 109 244C/ D/ J 036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	5/06-12/08	**KP674-1**		•	Belt:130x20/58x17, PA674, Ch -1K6250000	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 FSi (66 kW) Eng.BKG/BLN	03-	**PA939**				03C 121 005B/ C/ L
1.4 TSi (90 kW) Eng.CAXA	07-08	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 (75 kW) Eng.BGU/BSE/BSF/CCSA	04-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	1/04-12/08	**KP904-1**		•	Belt:138x23, PA904	
1.6 FSi (85 kW) Eng.BAG/BLF/BLP	03-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.9 SDi (47 kW) Eng.BGG	05-08	**PA806**		•		045 121 011C
1.9 TDi (66 kW) Eng.BRU	04-	**PA879**		•		045 121 011F/ H
	5/04-12/08	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX

PA654

PA674

PA878

PA879

PA904

PA905

PA980

PA1041

PA1071

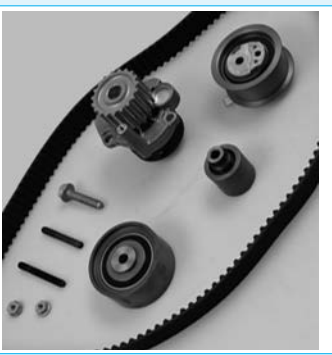
PA1084

KP674-1

KP674-2

KP878-1

KP879-1



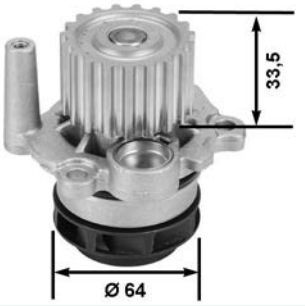
KP905-1

KP905-2

KP980-1

		GRAF ref.			NOTE	Adaptable for OES
1.9 TDi (77 kW) Eng.BKC/BJB/BLS/BXE	03-	**PA879**		•		045 121 011F/ H
	10/03-12/08	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi 4motion (77 kW) Eng.BKC/BJB/BLS	03-	**PA879**		•		045 121 011F/ H
	10/03-12/08	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
2.0 FSI (110 kW) Eng.AXW/BLR/BLX/BLY/BVX/BVY/BVZ	04-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 FSI 4motion (110 kW) Eng.AXW	04-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 SDi (55 kW) Eng.BDK	04-	**PA879**		•		045 121 011F/ H
	1/04-12/08	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
2.0 TDi (100 kW) Eng.AZV	03-08	**PA905**		•		038 121 011H/ K,03G 121 011
	03-	**KP905-2**		•	Belt:141x30, PA905, Ch 1K7000001-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TDi (103 kW) Eng.BKD/BMM/CBDB	03-	**PA905**		•	Eng. BKD	038 121 011H/ K,03G 121 011
	03-	**PA878**		•	Eng. BMM	038 121 011G/ J
	03-08	**KP905-2**		•	Eng.BKD, Belt:141x30, PA905, Ch 1K7000001-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
	10/03-12/08	**KP905-1**		•	Eng.BKD, Belt:141x30, PA905, Ch 1K6000001-1K6250000	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
	10/03-12/08	**KP878-1**		•	Eng.BMM, Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 TDi 16v (125 kW) Eng.BMN	05-	**PA905**		•		038 121 011H/ K,03G 121 011
	05-08	**KP905-2**		•	Belt:141x30, PA905	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TDi 4motion (100 kW) Eng.AZV	07-08	**PA905**		•		038 121 011H/ K,03G 121 011
2.0 TDi 4motion (103 kW) Eng.BKD/BMM	03-	**PA905**		•	Eng. BKD	038 121 011H/ K,03G 121 011
	03-	**PA878**		•	Eng. BMM	038 121 011G/ J
	03-	**KP905-2**		•	Eng.BKD, Belt:141x30, PA905, Ch 1K7000001-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
	10/03-12/08	**KP905-1**		•	Eng.BKD, Belt:141x30, PA905, Ch 1K6000001-1K6250000	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
	10/03-12/08	**KP878-1**		•	Eng.BMM, Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 TFSI (147 kW) Eng.AXX/BWA/CCTA/CAWB	04-	**PA980**		•	Eng. BWA, AXX	06A 121 011R,06F 121 011
	04-08	**PA1071**	•		Eng. CCTA, CAWB	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
	10/04-12/08	**KP980-1**		•	Eng.AXX, BWA, BPY, Belt:148x23, PA980	06F 121 011/ X,06F 198 119A
2.0 TFSi GTI Ed. 30 (169 kW) Eng.BYD	2/07-	**PA980**		•		06A 121 011R,06F 121 011
2.5 FSi VR5 (110 kW) Eng.BGQ/BGP	05-08	**PA1084**				07K 121 011B/ BX
3.2 R32 4motion (184 kW) Eng.BUB	05-08	**PA1041**		•		022 121 011/ A/ L/ V
Golf V Plus (1KP) '1/05-'12/08						
1.0 (48 kW)	05-	**PA654**		•		036 121 005/ D/ J/ M
1.0 (53 kW)	05-	**PA654**		•		036 121 005/ D/ J/ M
1.4 16v (55 kW) Eng.BCA	05-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	05-	**KP674-2**		•	Belt:130x20, PA674, Ch 1K6650001-	036 109 119AG/ M/ P/ Q 036 109 243AB/ AC/ AD/ AE/ AG/ E/ K/ L/ R/ S 036 109 244C/ D/ J 036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	1/05-12/08	**KP674-1**		•	Belt:130x20/58x17, PA674, Ch -1K6650000	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 16v (59 kW) Eng.BUD	05-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	05-	**KP674-2**		•	Belt:130x20, PA674, Ch 1K6650001-	036 109 119AG/ M/ P/ Q 036 109 243AB/ AC/ AD/ AE/ AG/ E/ K/ L/ R/ S 036 109 244C/ D/ J 036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M

PA674



PA762

PA806

PA878

PA879

PA904

PA905

PA939

PA954

PA1041

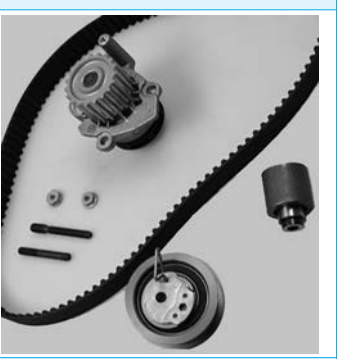
PA1051

PA1089

PA1167

KP674-1

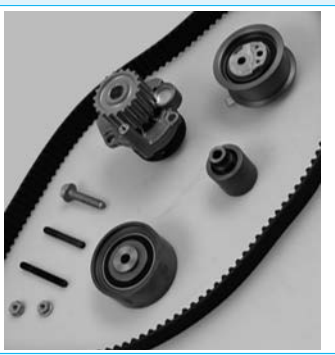
KP674-2



KP878-1

KP879-1

KP904-1



KP905-1

KP905-2

		GRAF ref.			NOTE	Adaptable for OES
1.4 16v (59 kW) Eng.BUD	1/05-12/08	**KP674-1**		•	Belt:130x20/58x17, PA674, Ch -1K6650000	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 FSi (66 kW) Eng.BLN	05-06	**PA939**				03C 121 005B/ C/ L
1.4 TSi (90 kW) Eng.CAXA	07-08	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 (75 kW) Eng.BSE/BSF	05-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	5/05-12/08	**KP904-1**		•	Belt:138x23, PA904	
1.6 (75 kW) Eng.CCSA	07-08	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	07-08	**KP904-1**		•	Belt:138x23, PA904	
1.6 FSi (85 kW) Eng.BAG/BLF	05-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.9 SDi (47 kW) Eng.BGG	05-08	**PA806**		•		045 121 011C
1.9 TDi (66 kW) Eng.BRU	05-	**PA879**		•		045 121 011F/ H
	5/05-12/08	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi (77 kW) Eng.BKC	05-	**PA879**		•		045 121 011F/ H
	1/05-12/08	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
2.0 FSi (110 kW) Eng.BLR/BLY/BVY/BVZ	05-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 TDi (100 kW) Eng.AZV	05-	**PA905**		•		038 121 011H/ K,03G 121 011
	05-08	**KP905-2**		•	Eng.AZV, Belt:141x30, PA905, Ch 1K7500001-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
	5/05-12/08	**KP905-1**		•	Eng.AZV, Belt:141x30, PA905, Ch -1K6650000	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
2.0 TDi (103 kW) Eng.BKD/BMM	05-	**PA905**		•	Eng. BKD	038 121 011H/ K,03G 121 011
	05-	**PA878**		•	Eng. BMM	038 121 011G/ J
	05-08	**KP905-2**		•	Eng.BKD, Belt:141x30, PA905, Ch 1K7500001-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
	1/05-12/08	**KP905-1**		•	Eng.BKD, Belt:141x30, PA905, Ch -1K6650000	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
	1/05-12/08	**KP878-1**		•	Eng.BMM, Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 TDi PF (96 kW) Eng.BEE	05-08	**PA762**		•		038 121 011C/ D,03L 121 011B
3.2 FSi (184 kW) Eng.BUB	05-08	**PA1041**		•		022 121 011/ A/ L/ V

Golf VI (5K1), Variant '10/08-

1.2 TSi (63 kW) Eng.CBZA	10-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.2 TSi (77 kW) Eng.CBZB	09-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.4 (59 kW) Eng.BUD/CGGA	08-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	08-	**KP674-2**		•	Belt:130x20, PA674	036 109 119AG/ M/ P/ Q 036 109 243AB/ AC/ AD/ AE/ AG/ E/ K/ L/ R/ S 036 109 244C/ D/ J 036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
1.4 TSi (90 kW) Eng.CAXA	08-	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 (75 kW) Eng.BSE/BSF/CCSA/CHGA	08-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.6 (75 kW) Eng.CMXA	08-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.6 TDi (66 kW) Eng.CAYB	09-	**PA1089**		•		03L 121 011/ H

PA146

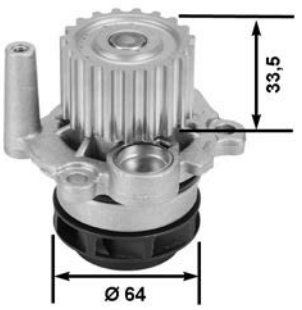
28 teeth pulley

PA148

PA279

PA546

PA579



PA762

PA904

PA980

PA1051

PA1071

PA1072

PA1084

PA1089

PA1090

PA1104

PA1105

PA1137

PA1167

		GRAF ref.			NOTE	Adaptable for OES
1.6 TDi, 4motion (77 kW) Eng.CAYC	09-	**PA1089**		•		03L 121 011/ H
1.8 TSi (118 kW) Eng.CDAA	09-	**PA1071**	•			06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
2.0 R 4motion (188 kW) Eng.CDLC	09-	**PA980**		•		06A 121 011R,06F 121 011
2.0 R 4motion (195 kW) Eng.CDLA	09-	**PA980**		•		06A 121 011R,06F 121 011
2.0 R, 4motion (199 kW) Eng.CDLF	10-	**PA980**		•		06A 121 011R,06F 121 011
2.0 TDi (100 kW) Eng.CFFA/CBAA	08-	**PA762**		•	Eng. CBAA	038 121 011C/ D,03L 121 011B
	08-	**PA1089**		•	Eng. CFFA	03L 121 011/ H
2.0 TDi (125 kW) Eng.CBBB/CFGB	09-	**PA1090**		•		03L 121 011G
	09-	**PA1137**			Eng. CFGB	03L 121 011C/ J
2.0 TDi (81 kW) Eng.CBDC/CLCA	08-	**PA762**		•	Eng. CBDC	038 121 011C/ D,03L 121 011B
	08-	**PA1089**		•	Eng. CLCA	03L 121 011/ H
2.0 TDi, 4motion (103 kW) Eng.CBAB/CBDB/CFFB	08-	**PA762**		•		038 121 011C/ D,03L 121 011B
	09-	**PA1089**		•	Eng. CFFB	03L 121 011/ H
2.0 TSi (147 kW) Eng.CBFA/CCTA	09-	**PA1071**	•		Ch -1KZ9200000	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
	09-	**PA1072**	•		Ch 1KZ9400001-	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TSi (155 kW) Eng.CCZB	09-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TSi (173 kW) Eng.CDLG	11-	**PA980**		•		06A 121 011R,06F 121 011
2.5 FSi (125 kW) Eng.CBTA/CBUA	09-	**PA1084**				07K 121 011B/ BX
Golf VI Plus (5M1) '1/09-						
1.2 TSi, Cabrio (77 kW) Eng.CBZB	09-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.4 TSi, Cabrio (90 kW) Eng.CAXA	09-	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 (75 kW) Eng.CCSA/CHGA	09-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.6 TDi (66 kW) Eng.CAYB	09-	**PA1089**		•		03L 121 011/ H
1.6 TDi, Cabrio (77 kW) Eng.CAYC/CBAA	09-	**PA1089**		•		03L 121 011/ H
2.0 TDi (100 kW) Eng.CFHB	09-	**PA1089**		•		03L 121 011/ H
2.0 TDi (81 kW) Eng.CBDC/CLCA	09-	**PA762**		•		038 121 011C/ D,03L 121 011B
2.0 TDi, 4motion, Cabrio (103 kW) Eng.CFHC	09-	**PA1089**		•		03L 121 011/ H
2.0 TSi Cabrio (155 kW) Eng.CCZB	11-	**PA980**		•		06A 121 011R,06F 121 011
Golf VII (5G1), Variant '11/12-						
1.2 TSi (77 kW) Eng.CAZA/CAZB/CJZA	12-	**PA1167**			Only Eng. CAZA, CAZB	03F 121 004A/ B/ D/ E/ F
2.0 R Cabrio (195 kW) Eng.CDLA	13-	**PA980**		•		06A 121 011R,06F 121 011
Iltis (183) '3/79-'12/88						
1.6 TD (51 kW) Eng.1C	87-88	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	87-88	**PA1104**	•		+RB, +PS	037 121 005C
	87-88	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	87-88	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.7 (55 kW) Eng.WL/YX	1/83-88	**PA279**	•		Ch 18G000001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	1/83-88	**PA1104**	•		+RB, Ch 18G000001-, +PS	037 121 005C
	1/83-88	**PA579**			+BH, Ch 18G000001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	1/83-88	**PA1105**			+RB, +BH,, Ch 18G000001-, +PS	026 121 010CX,037 121 010C
	79-12/82	**PA146**			Ch -18C000887	056 121 005/ A,068 121 005/ B/ C/ X
	79-12/82	**PA546**			+BH, Ch -18C000887	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
Jetta I (17) '8/79-'12/83						
1.1 (37 kW) Eng.FA/GG	79-83	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (43 kW) Eng.GS	82-	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (44 kW) Eng.GF	79-83	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.5 (51 kW) Eng.JB	79-83	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	79-83	**PA1104**	•		+RB, +PS	037 121 005C

PA146

28 teeth pulley

PA148

PA279

PA546

PA579

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

		GRAF ref.			NOTE	Adaptable for OES
1.5 (51 kW) Eng.JB	79-83	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	79-83	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.5 D (37 kW) Eng.CK	79-80	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	79-80	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 (63 kW) Eng.FR	80-83	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	80-83	**PA1104**	•		+RB, +PS	037 121 005C
	80-83	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	80-83	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (81 kW) Eng.EG	79-82	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	79-82	**PA1104**	•		+RB, +PS	037 121 005C
	79-82	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	79-82	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 D (40 kW) Eng.CR/JK	80-83	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	80-83	**PA1104**	•		+RB, +PS	037 121 005C
	80-83	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	80-83	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 TD (51 kW) Eng.CY	82-83	**PA279**	•		Ch 16C630001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	82-83	**PA1104**	•		+RB, Ch 16C630001-, +PS	037 121 005C
	82-83	**PA146**			Ch -16C630000	056 121 005/ A,068 121 005/ B/ C/ X
	82-83	**PA546**			+BH, Ch -16C630000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	82-83	**PA579**			+BH, Ch 16C630001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	82-83	**PA1105**			+RB, +BH,, Ch 16C630001-, +PS	026 121 010CX,037 121 010C
1.8 (82 kW) Eng.DX	82-83	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	82-83	**PA1104**	•		+RB, +PS	037 121 005C
	82-83	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	82-83	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
Jetta II (19E, 1G2) '1/84-'12/91						
1.0 (33-37 kW) Eng.HZ	84-91	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (44 kW) Eng.GT	84-86	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3, Kat (40 kW) Eng.2G/HK/MH/NZ	84-91	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.6 (51 kW) Eng.PN	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C
	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (53 kW) Eng.RF(KAT)	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C
	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (55 kW) Eng.EZ/HM	84-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	84-91	**PA1104**	•		+RB, +PS	037 121 005C
	84-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	84-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 D (40 kW) Eng.JP/ME	84-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	84-91	**PA1104**	•		+RB, +PS	037 121 005C
	84-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	84-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 TD (44 kW) Eng.1V	90-91	**PA279**	•		Ch 16C630001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	90-91	**PA1104**	•		+RB, Ch 16C630001-, +PS	037 121 005C

PA146

PA279

PA546

PA579

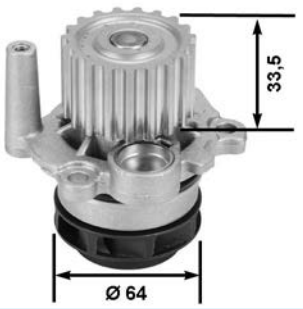
Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

		GRAF ref.			NOTE	Adaptable for OES
1.6 TD (44 kW) Eng.1V	90-91	**PA146**			Ch -16C630000	056 121 005/ A,068 121 005/ B/ C/ X
	90-91	**PA546**			+BH, Ch -16C630000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	90-91	**PA579**			+BH, Ch 16C630001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-91	**PA1105**			+RB, +BH,, Ch 16C630001-, +PS	026 121 010CX,037 121 010C
1.6 TD (51 kW) Eng.JR/MF	84-91	**PA279**	•		Ch 16C630001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	84-91	**PA1104**	•		+RB, Ch 16C630001-, +PS	037 121 005C
	84-91	**PA146**			Ch -16C630000	056 121 005/ A,068 121 005/ B/ C/ X
	84-91	**PA546**			+BH, Ch -16C630000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	84-91	**PA579**			+BH, Ch 16C630001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	84-91	**PA1105**			+RB, +BH,, Ch 16C630001-, +PS	026 121 010CX,037 121 010C
1.6 TD (59 kW) Eng.RA/SB	89-91	**PA279**	•		Ch 16C630001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	89-91	**PA1104**	•		+RB, Ch 16C630001-, +PS	037 121 005C
	89-91	**PA146**			Ch -16C630000	056 121 005/ A,068 121 005/ B/ C/ X
	89-91	**PA546**			+BH, Ch -16C630000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	89-91	**PA579**			+BH, Ch 16C630001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	89-91	**PA1105**			+RB, +BH,, Ch 16C630001-, +PS	026 121 010CX,037 121 010C
1.8 (62 kW) Eng.RH	86-90	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-90	**PA1104**	•		+RB, +PS	037 121 005C
	86-90	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-90	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 16v (102 kW) Eng.KR	87-89	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	87-89	**PA1104**	•		+RB, +PS	037 121 005C
	87-89	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	87-89	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 16v GTi (95 kW) Eng.PL	86-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-91	**PA1104**	•		+RB, +PS	037 121 005C
	86-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GT, Syncro, Kat (66 kW) Eng.HV/GU/GX	84-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	84-91	**PA1104**	•		+RB, +PS	037 121 005C
	84-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	84-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GTi (82 kW) Eng.EV/GZ/PB	84-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	84-91	**PA1104**	•		+RB, +PS	037 121 005C
	84-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	84-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GTi, Kat (79 kW) Eng.PF/RD	85-87	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	85-87	**PA1104**	•		+RB, +PS	037 121 005C
	85-87	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	85-87	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 Syncro (72 kW) Eng.1P	88-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	88-91	**PA1104**	•		+RB, +PS	037 121 005C
	88-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	88-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8, Syncro (66 kW) Eng.RP	84-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	84-91	**PA1104**	•		+RB, +PS	037 121 005C
	84-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	84-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C



PA762

PA879

PA904

PA905

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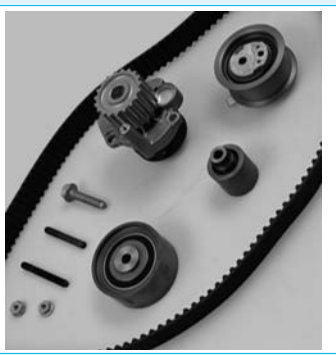
PA1167

KP878-1

KP879-1

KP904-1



KP905-1

KP905-2

		GRAF ref.			NOTE	Adaptable for OES
Jetta III (1KM) '8/05-'1/11						
1.4 TSi (90 kW) Eng.CAXA	07-	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 (75 kW) Eng.BSE/BSF/CCSA	05-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	10/05-1/11	**KP904-1**		•	Belt:138x23, PA904	
1.6 (75 kW) Eng.CCSA	08-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	08-	**KP904-1**		•	Belt:138x23, PA904	
1.6 FSI (85 kW) Eng.BAG/BLF	05-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.6 TDi (66 kW) Eng.CAYB	09-10	**PA1089**		•		03L 121 011/ H
1.6 TDi (77 kW) Eng.CAYC	09-5/10	**PA1089**		•		03L 121 011/ H
	5/10-	**PA1137**				03L 121 011C/ J
1.9 TDi (77 kW) Eng.BKC/BLS	05-	**PA879**		•		045 121 011F/ H
	9/05-1/11	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
2.0 FSI (110 kW) Eng.BLR/BLY	05-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 TDi (100 kW) Eng.AZV	05-	**PA905**		•		038 121 011H/ K,03G 121 011
	05-	**KP905-2**		•	Eng.AZV, Belt:141x30, PA905, Ch 1K7500001-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TDi (103 kW) Eng.BKD/BMM	05-	**PA905**		•		038 121 011H/ K,03G 121 011
	05-	**KP905-2**		•	Eng.BKD, Belt:141x30, PA905, Ch 1K7000001-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
	8/05-1/11	**KP905-1**		•	Eng.BKD, Belt:141x30, PA905, Ch -1K6899000	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
	8/05-1/11	**KP878-1**		•	Eng.BMM, Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 TDi (125 kW) Eng.BMN	06-	**PA905**		•		038 121 011H/ K,03G 121 011
	06-	**KP905-2**		•	Belt:141x30, PA905	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TFSi (125 kW) Eng.CAWA	08-10	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TFSI (147 kW) Eng.BWA/BPY/CCTA	05-	**PA1072**	•		Eng. CCTA	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
	05-	**PA980**		•	Eng. BWA, BPY	06A 121 011R,06F 121 011
2.5 (110 kW) Eng.BGP/BTK	06-	**PA1084**				07K 121 011B/ BX
2.5 FSi (125 kW) Eng.CBTA	08-	**PA1084**				07K 121 011B/ BX
Jetta IV (162) '2/11-						
1.2 TSi (77 kW) Eng.CBZB	11-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.4 TSi (90 kW) Eng.CAXA/CMSB	11-8/13	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 (77 kW) Eng.CLRA	11-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.6 TDi (77 kW) Eng.CAYC	11-	**PA1089**		•		03L 121 011/ H
2.0 (85 kW) Eng.CBPA/CKJA	10-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
2.0 TDi (103 kW) Eng.CFFB/CFHC/CJAA/CLCB	11-	**PA1137**			Eng. CFHC/ CLCB/ CFFB	03L 121 011C/ J
	11-4/12	**PA762**		•	Eng. CJAA	038 121 011C/ D,03L 121 011B
	4/12-	**PA1090**		•	Eng. CJAA	03L 121 011G
2.0 TDi (81 kW) Eng.CLCA	10-	**PA1137**				03L 121 011C/ J
2.0 TSi (147 kW) Eng.CBFA/CCTA/CCZA	10-	**PA1072**	•		Eng. CCTA/ CCZA	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
	10-5/12	**PA1071**	•		Eng. CBFA	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L

PA609

PA674

PA676

PA761

PA762

PA765

PA804

PA879

PA904

PA947

PA1071

PA1072

PA1084

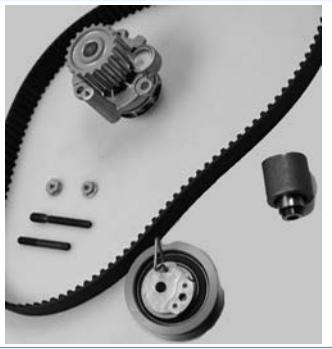
PA1090

PA1137

PA1167

KP674-1

KP676-1



KP761-1

KP904-1

		GRAF ref.			NOTE	Adaptable for OES
2.5 FSI (125 kW) Eng.CBTA/CBUA/CCCA	10-	**PA1084**				07K 121 011B/ BX
Lupo (6X1, 6E1) '9/98-						
1.0 (37 kW) Eng.AER/AHT/ALD/ALL/ANV/AUC	98-	**PA676**		•		030 121 005S,030 121 008A/ C
	98-	**PA804**			Eng. AHT	047 121 013J
	9/98-	**KP676-1**		•	Eng.AER,ALL,ANV,ALD,AUC, Belt:135x19, PA676, Ch 6XY060001-	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.2 TDi 3L (45 kW) Eng.ANY/AYZ	99-	**PA761**		•	Ch -6E2010000	045 121 011B
	99-	**PA879**		•	Ch 6E2010001-	045 121 011F/ H
1.4 (44 kW) Eng.AKK/AUD	00-	**PA676**		•		030 121 005S,030 121 008A/ C
	10/00-	**KP676-1**		•	Belt:135x19, PA676	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 16v (55 kW) Eng.AHW/AKQ/APE/AUA/BBY	98-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	9/98-	**KP674-1**		•	Eng.APE, AUA, BBY, Belt:130x20/58x17, PA674, Eng 242 001-	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 16v (74 kW) Eng.AFK/ANM/AQQ/AUB	99-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	8/99-	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 FSI (77 kW) Eng.ARR	01-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	2/01-	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 TDi (55 kW) Eng.AMF	99-	**PA879**		•	Ch 6E2010001-	045 121 011F/ H
	99-	**PA761**		•	Ch -6E2010000	045 121 011B
	1/99-	**KP761-1**		•	Belt:120x30, PA761, Ch 6X2015001-	038 198 119A/ C,045 121 011B/ BV/ BX
1.6 16v GTI (92 kW) Eng.ARC/AVY	00-	**PA765**		•		036 121 005F/ P,036 121 008G
1.7 SDi (44 kW) Eng.AKU	98-	**PA609**				028 121 004/ V/ X
Maggiolino (5C1) '10/11-						
1.2 TSi, Cabrio (77 kW) Eng.CBZB	11-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.6 TDi, Cabrio (77 kW) Eng.CAYC	11-	**PA1137**				03L 121 011C/ J
2.0 TDi, Cabrio (103 kW) Eng.CJAA/CFFB		**PA1137**			Eng. CFFB	03L 121 011C/ J
	-4/12	**PA762**		•	Eng. CJAA	038 121 011C/ D,03L 121 011B
	5/12-	**PA1090**		•	Eng. CJAA	03L 121 011G
2.0 TSi, Cabrio (147 kW) Eng.CBFA/CCTA/CCZA	11-	**PA1072**	•		Eng. CCTA, CCZA	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
	11-5/12	**PA1071**	•		Eng. CBFA	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
2.5 FSi (125 kW) Eng.CBUA/CBTA/CCCA	11-	**PA1084**				07K 121 011B/ BX
New Beetle (9C1, 1C1) '1/98-'9/11						
1.4 16v, Cabrio (55 kW) Eng.BCA	01-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	11/01-	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.6 (74 kW) Eng.AWH	99-00	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	10/99-9/00	**KP904-1**		•	Belt:138x23, PA904	
1.6 (75 kW) Eng.BSE/BSF	00-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	9/00-	**KP904-1**		•	Belt:138x23, PA904	
1.6, Cabrio (75 kW) Eng.AYD	00-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	9/00-	**KP904-1**		•	Belt:138x23, PA904	
1.8 T (132 kW) Eng.BBU	01-05	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G

PA146

28 teeth pulley

PA148

PA279

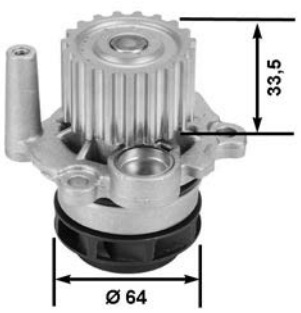
PA546

PA579

PA617

PA658

PA731



PA762

PA878

PA947

PA1084

PA1104

PA1105

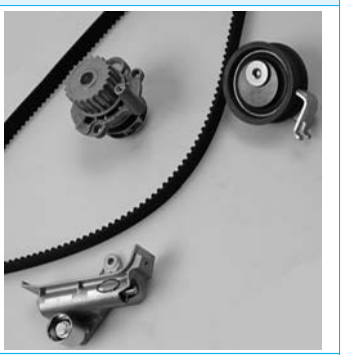
KP731-1

KP762-1

KP762-2

KP878-1

KP947-2



KP947-4

		GRAF ref.			NOTE	Adaptable for OES
1.8 T., Cabrio (110 kW) Eng.APH/AVC/AWU/AWV/BKF	99-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	10/99-	**KP947-2**		•	Eng.APH, Belt:150x23, PA947, Eng -028500	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	10/99-	**KP947-4**		•	Eng.APH/AVC, Belt:150x23, PA947, Eng 028501-	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.9 TDi (66 kW) Eng.ALH	98-01	**PA731**		•		038 121 011/ A/ AV/ AX
	1/98-2/01	**KP731-1**		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi, Cabrio (74 kW) Eng.ATD/AXR	01-	**PA762**		•		038 121 011C/ D,03L 121 011B
	2/01-	**KP762-2**		•	Eng.ATD, Belt:120x30, PA762, Ch -9C2613920	038 121 011C/ CX/ D/ DX,03L 121 011B
	2/01-	**KP762-1**		•	Eng.ATD, Belt:120x30, PA762, Ch 9C2613921-	038 121 011C/ CX/ D/ DX,03L 121 011B 038 198 119A/ C
	2/01-	**KP878-1**		•	Eng.AXR, Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
1.9 TDi, Cabrio (77 kW) Eng.BSW	05-	**PA878**		•		038 121 011G/ J
	7/05-	**KP878-1**		•	Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0, Cabrio (85 kW) Eng.AEG/AQY/AVH/AZJ/BEJ/BER/BHP/CBPA	98-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
2.3 V5 (125 kW) Eng.AQN	00-	**PA658**				066 121 011C/ D,071 121 005
2.5, Cabrio (110 kW) Eng.BPR/BPS	05-	**PA1084**				07K 121 011B/ BX
3.2 RSI (165 kW) Eng.AXJ	00-	**PA617**	•			021 121 004/ A
Passat I (32, 33), Variant '5/73-'7/80						
1.3 (40 kW) Eng.FY	73-80	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (40 kW) Eng.ZA	73-80	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	73-80	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.3 (44 kW) Eng.ZF/FZ	73-78	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	73-78	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.5 (55 kW) Eng.YJ/ZB	73-75	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	73-75	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.5 (63 kW) Eng.ZC	73-75	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	73-75	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.5 D (37 kW) Eng.CK	77-80	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	77-80	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 (63 kW) Eng.YP	75-80	**PA279**	•		Ch 32B100001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	75-80	**PA1104**	•		+RB, Ch 32B100001-, +PS	037 121 005C
	75-80	**PA146**			Ch -32B100000	056 121 005/ A,068 121 005/ B/ C/ X
	75-80	**PA546**			+BH, Ch -32B100000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	75-80	**PA579**			+BH, Ch 32B100001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	75-80	**PA1105**			+RB, +BH,, Ch 32B100001-, +PS	026 121 010CX,037 121 010C

PA146

28 teeth pulley

PA148

PA279

PA546

PA579

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

		GRAF ref.			NOTE	Adaptable for OES
1.6 (Exc. SW) (53 kW) Eng.FS	75-80	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	75-80	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 D SW (40 kW) Eng.CR	79-80	**PA279**	•		Ch 32B100001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	79-80	**PA1104**	•		+RB, Ch 32B100001-, +PS	037 121 005C
	79-80	**PA146**			Ch -32B100000	056 121 005/ A,068 121 005/ B/ C/ X
	79-80	**PA546**			+BH, Ch -32B100000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	79-80	**PA579**			+BH, Ch 32B100001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	79-80	**PA1105**			+RB, +BH,, Ch 32B100001-, +PS	026 121 010CX,037 121 010C
1.6 i SW (81 kW) Eng.YS	78-80	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	78-80	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 SW (55 kW) Eng.YN/WY/WZ	76-80	**PA279**	•		Ch 32B100001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	76-80	**PA1104**	•		+RB, Ch 32B100001-, +PS	037 121 005C
	76-80	**PA146**			Ch -32B100000	056 121 005/ A,068 121 005/ B/ C/ X
	76-80	**PA546**			+BH, Ch -32B100000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	76-80	**PA579**			+BH, Ch 32B100001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	76-80	**PA1105**			+RB, +BH,, Ch 32B100001-, +PS	026 121 010CX,037 121 010C
Passat II (32B), Variant '8/80-'3/88						
1.3 (40 kW) Eng.FY	80-83	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (44 kW) Eng.EP	80-86	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	80-86	**PA1104**	•		+RB, +PS	037 121 005C
	80-86	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	80-86	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.3 (44 kW) Eng.EU/FZ	80-86	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.6 (51 kW) Eng.PP	87-88	**PA279**	•		Ch 32B100001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	87-88	**PA1104**	•		+RB, Ch 32B100001-, +PS	037 121 005C
	87-88	**PA146**			Ch -32B100000	056 121 005/ A,068 121 005/ B/ C/ X
	87-88	**PA546**			+BH, Ch -32B100000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	87-88	**PA579**			+BH, Ch 32B100001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	87-88	**PA1105**			+RB, +BH,, Ch 32B100001-, +PS	026 121 010CX,037 121 010C
1.6 (53 kW) Eng.RF/RL	86-88	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-88	**PA1104**	•		+RB, +PS	037 121 005C
	86-88	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-88	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (55 kW) Eng.DT/WV/YN	80-88	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	80-88	**PA1104**	•		+RB, +PS	037 121 005C
	80-88	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	80-88	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (63 kW) Eng.YP	81-83	**PA279**	•		Ch 32B100001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	81-83	**PA1104**	•		+RB, Ch 32B100001-, +PS	037 121 005C
	81-83	**PA146**			Ch -32B100000	056 121 005/ A,068 121 005/ B/ C/ X
	81-83	**PA546**			+BH, Ch -32B100000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	81-83	**PA579**			+BH, Ch 32B100001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	81-83	**PA1105**			+RB, +BH,, Ch 32B100001-, +PS	026 121 010CX,037 121 010C
1.6 D (40 kW) Eng.CR/JK	80-88	**PA279**	•		Ch 32B100001-	026 121 005A/ C/ E/ G/ H,068 121 005A

PA103

PA146

PA279

PA546

PA579

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

		GRAF ref.			NOTE	Adaptable for OES
1.6 D (40 kW) Eng.CR/JK	80-88	**PA1104**	•		+RB, Ch 32B100001-, +PS	037 121 005C
	80-88	**PA146**			Ch -32B100000	056 121 005/ A,068 121 005/ B/ C/ X
	80-88	**PA546**			+BH, Ch -32B100000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	80-88	**PA579**			+BH, Ch 32B100001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	80-88	**PA1105**			+RB, +BH,, Ch 32B100001-, +PS	026 121 010CX,037 121 010C
1.6 TD (51 kW) Eng.CY	82-88	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	82-88	**PA1104**	•		+RB, +PS	037 121 005C
	82-88	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	82-88	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 TD (Exc. SW) (59 kW) Eng.RA	86-88	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-88	**PA1104**	•		+RB, +PS	037 121 005C
	86-88	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-88	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (64 kW) Eng.RM	86-88	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-88	**PA1104**	•		+RB, +PS	037 121 005C
	86-88	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-88	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (66 kW) Eng.DS/JN/JV	86-88	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-88	**PA1104**	•		+RB, +PS	037 121 005C
	86-88	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-88	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (82 kW) Eng.DZ	83-88	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	83-88	**PA1104**	•		+RB, +PS	037 121 005C
	83-88	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	83-88	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 Syncro (66 kW) Eng.DS/JN/JV	86-88	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-88	**PA1104**	•		+RB, +PS	037 121 005C
	86-88	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-88	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 (85 kW) Eng.WN	81-83	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.0, Syncro (85 kW) Eng.HP/JS	83-88	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.1 (85 kW) Eng.WE	81-83	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 (85 kW) Eng.KX	85-88	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2 Syncro SW (88 kW) Eng.JT	85-88	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.2, Syncro (100 kW) Eng.KV/HY	77-88	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
Passat III (3A2, 3A5, 35I), Variant '2/88-'5/97						
1.6 (53 kW) Eng.1F	88-91	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	88-91	**PA1104**	•		+RB, +PS	037 121 005C
	88-91	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	88-91	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (55 kW) Eng.EZ/HM	4/88-12/88	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	4/88-12/88	**PA1104**	•		+RB, +PS	037 121 005C
	4/88-12/88	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	4/88-12/88	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (74 kW) Eng.AEK/AFT	94-96	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	94-96	**PA1104**	•		+RB, +PS	037 121 005C
	94-96	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	94-96	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 TD (59 kW) Eng.RA/SB	88-93	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	88-93	**PA1104**	•		+RB, +PS	037 121 005C
	88-93	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	88-93	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C

			Cuscietto Rinforzato Reinforced Bearing
PA279	**PA579**	**PA609**	**PA1104**
Cuscietto Rinforzato/Reinforced Bearing			
PA1105			

		GRAF ref.			NOTE	Adaptable for OES
1.8 (55 kW) Eng.AAM	90-96	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	90-96	**PA1104**	•		+RB, +PS	037 121 005C
	90-96	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-96	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (66 kW) Eng.ABS/ADZ	88-97	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	88-97	**PA1104**	•		+RB, +PS	037 121 005C
	88-97	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	88-97	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (79 kW) Eng.PF	88-93	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	88-93	**PA1104**	•		+RB, +PS	037 121 005C
	88-93	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	88-93	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (82 kW) Eng.PB(KAT)	88-92	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	88-92	**PA1104**	•		+RB, +PS	037 121 005C
	88-92	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	88-92	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 16v (100-102 kW) Eng.KR	88-89	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	88-89	**PA1104**	•		+RB, +PS	037 121 005C
	88-89	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	88-89	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 G60 Syncro (118 kW) Eng.1H/PG	88-97	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	88-97	**PA1104**	•		+RB, +PS	037 121 005C
	88-97	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	88-97	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TD (55 kW) Eng.AAZ	91-97	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-97	**PA1104**	•		+RB, +PS	037 121 005C
	91-97	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-97	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TDi (66 kW) Eng.1Z/AHU	93-97	**PA279**	•		Eng. 1Z	026 121 005A/ C/ E/ G/ H,068 121 005A
	93-97	**PA1104**	•		+RB, Eng. 1Z, +PS	037 121 005C
	93-97	**PA579**			+BH, Eng. 1Z	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	93-97	**PA609**			Eng. AHU	028 121 004/ V/ X
	93-97	**PA1105**			+RB, +BH, Eng. 1Z, +PS	026 121 010CX,037 121 010C
1.9 TDi (81 kW) Eng.AFN	96-97	**PA279**	•		Ch -3AV300000	026 121 005A/ C/ E/ G/ H,068 121 005A
	96-97	**PA1104**	•		+RB, Ch -3AV300000, +PS	037 121 005C
	96-97	**PA579**			+BH, Ch -3AV300000	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	96-97	**PA609**			Ch 3AV300001-	028 121 004/ V/ X
	96-97	**PA1105**			+RB, +BH,, Ch -3AV300000, +PS	026 121 010CX,037 121 010C
2.0 (79 kW) Eng.AEP	95-96	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	95-96	**PA1104**	•		+RB, +PS	037 121 005C
	95-96	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	95-96	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 (85 kW) Eng.2E	90-96	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	90-96	**PA1104**	•		+RB, +PS	037 121 005C
	90-96	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-96	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 (85 kW) Eng.ADY/AGG/AKR	90-96	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	90-96	**PA1104**	•		+RB, +PS	037 121 005C
	90-96	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-96	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 16v (100 kW) Eng.9A	88-93	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	88-93	**PA1104**	•		+RB, +PS	037 121 005C
	88-93	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX

PA279

PA579

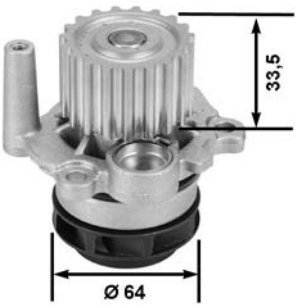
PA609

PA617

PA618A

PA658

PA679



PA762

PA779

PA868

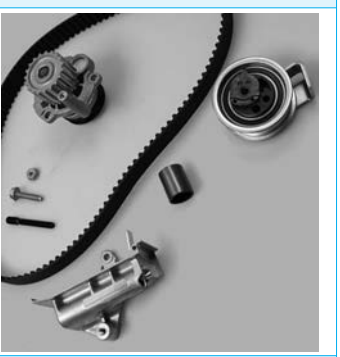
PA904

PA905

PA947

PA1104

PA1105



KP762-2

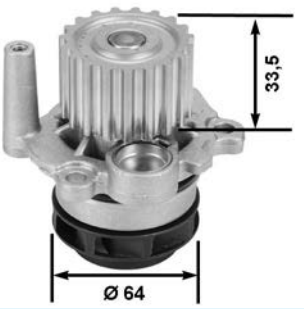
KP868-1

KP904-1

		GRAF ref.			NOTE	Adaptable for OES
2.0 16v (100 kW) Eng.9A	88-93	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 GTi 16v (110 kW) Eng.ABF	94-97	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	94-97	**PA1104**	•		+RB, +PS	037 121 005C
	94-97	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	94-97	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 Syncro (85 kW) Eng.2E	90-96	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	90-96	**PA1104**	•		+RB, +PS	037 121 005C
	90-96	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-96	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 Syncro (85 kW) Eng.ADY/AGG/AKR	90-96	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	90-96	**PA1104**	•		+RB, +PS	037 121 005C
	90-96	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-96	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.8 VR6 (128 kW) Eng.AAA	91-96	**PA617**	•			021 121 004/ A
2.9 VR6 Syncro SW (135-140 kW) Eng.ABV	94-97	**PA617**	•			021 121 004/ A
Passat IV (3B2, 3B5), Variant '8/96-'11/00						
1.6 (74 kW) Eng.ADP	96-00	**PA679**				026 121 005F/ K/ L
	96-00	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
	11/97-	**KP904-1**		•	Belt:138x23, PA904	
1.6 (74 kW) Eng.AHL/ANA/ARM	96-00	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	11/97-	**KP904-1**		•	Belt:138x23, PA904	
1.8 (85 kW) Eng.AFY	97-00	**PA679**				026 121 005F/ K/ L
	97-00	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.8 20v (92 kW) Eng.ADR/APT/ARG	96-00	**PA679**				026 121 005F/ K/ L
	96-00	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.8 20v Syncro (92 kW) Eng.ADR/APT/ARG	96-00	**PA679**				026 121 005F/ K/ L
	96-00	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.8 T. (110-112 kW) Eng.AEB/ANB/APU	96-00	**PA679**				026 121 005F/ K/ L
	96-00	**PA779**			+BH	050 121 010/ A/ AV/ AX/ C/ X
1.9 TDi (66 kW) Eng.AHH/AHU	96-00	**PA609**				028 121 004/ V/ X
1.9 TDi (74 kW) Eng.AVB	2/00-11/00	**PA762**		•		038 121 011C/ D,03L 121 011B
	2/00-11/00	**KP762-2**		•	Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B
1.9 TDi (81 kW) Eng.AFN/AVG	96-00	**PA609**				028 121 004/ V/ X
1.9 TDi Syncro (81 kW) Eng.AFN/AVG	96-00	**PA609**				028 121 004/ V/ X
1.9 TDi, 4motion (85 kW) Eng.AJM/ATJ	98-00	**PA905**		•		038 121 011H/ K,03G 121 011
	98-00	**PA609**				028 121 004/ V/ X
	8/98-11/00	**KP762-2**		•	Belt:120x30, PA762, Eng 185671-	038 121 011C/ CX/ D/ DX,03L 121 011B
2.0, 4motion (88 kW) Eng.ASU/AUZ	4/00-11/00	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
2.3 VR5 (110 kW) Eng.AGZ	96-00	**PA658**				066 121 011C/ D,071 121 005
2.3 VR5 Syncro (110 kW) Eng.AGZ	96-00	**PA658**				066 121 011C/ D,071 121 005
2.5 TDi, Syncro (110 kW) Eng.AFB/AKN	98-00	**PA868**		•		059 121 004B/ C/ D/ E
	7/98-11/00	**KP868-1**		•	Belt:207x30/87x24, PA868 Exc. Eng.AFB	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.8 V6 (132 kW) Eng.AGE	97-99	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.8 V6 Syncro (132 kW) Eng.AGE	97-99	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.8 V6, 4motion (140 kW) Eng.ATX	99-00	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
2.8 V6, 4motion (142 kW) Eng.ACK/ALG/APR/AQD	96-00	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006
Passat V (3B3, 3B6), Variant '11/00-'3/05						
1.6 (75 kW) Eng.ALZ	00-05	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	11/00-3/05	**KP904-1**		•	Belt:138x23, PA904	

PA618A

PA658



PA762

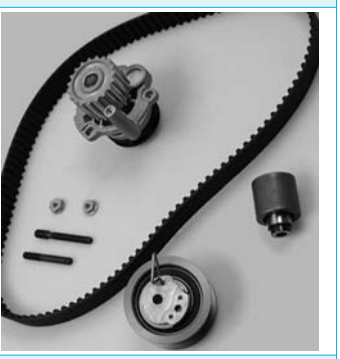
girante/impeller
h 27,4 mm on ø 55

PA868

PA878

PA904

PA947

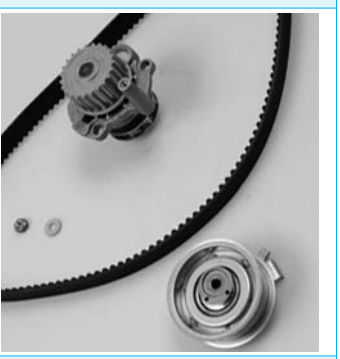


KP762-1

KP762-2

KP868-1

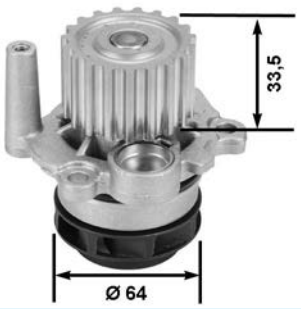
KP878-1



KP947-1

KP947-3

		GRAF ref.			NOTE	Adaptable for OES
1.8 T. (Exc. SW), 4motion (125 kW) Eng.AWM	01-05	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
1.8 T. 20v (110 kW) Eng.AWL/AWT	00-05	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	11/00-3/05	**KP947-3**		•	Belt:150x23, PA947	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X
1.9 TDi (74 kW) Eng.AVB	00-02	**PA762**		•		038 121 011C/ D,03L 121 011B
	03-05	**PA878**		•		038 121 011G/ J
	1/03-	**KP762-1**		•	Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B 038 198 119A/ C
	-12/02	**KP762-2**		•	Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B
1.9 TDi (96 kW) Eng.AVF/AWX	00-02	**PA762**		•		038 121 011C/ D,03L 121 011B
	03-05	**PA878**		•		038 121 011G/ J
	1/03-	**KP878-1**		•	Belt:120x30, PA878, Ch 3B3000001-	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
	-12/02	**KP762-1**		•	Belt:120x30, PA762, Ch 3B3000001-	038 121 011C/ CX/ D/ DX,03L 121 011B 038 198 119A/ C
	-12/02	**KP762-2**		•	Belt:120x30, PA762, Ch -3B3500000	038 121 011C/ CX/ D/ DX,03L 121 011B
1.9 TDi 4motion (96 kW) Eng.AVF/AWX	00-02	**PA762**		•		038 121 011C/ D,03L 121 011B
	03-05	**PA878**		•		038 121 011G/ J
	1/03-	**KP878-1**		•	Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
	-12/02	**KP762-2**		•	Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B
2.0 (85 kW) Eng.AZM/BFF	00-05	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	11/00-3/05	**KP947-1**		•	Belt:138x23, PA947	068 121 011E 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X,06A 198 119 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
2.0 (96 kW) Eng.ALT	01-05	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 4motion (85 kW) Eng.AZM	00-05	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
2.0 TDi (100 kW) Eng.BGW	03-05	**PA762**		•		038 121 011C/ D,03L 121 011B
	12/03-3/05	**KP878-1**		•	Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.3 VR5, 4motion (125 kW) Eng.AZX	00-05	**PA658**			Ch -3B2315000	066 121 011C/ D,071 121 005
2.5 TDi (110 kW) Eng.AKN	00-05	**PA868**		•		059 121 004B/ C/ D/ E
	11/00-3/05	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.5 TDi (120 kW) Eng.BDG	03-05	**PA868**		•		059 121 004B/ C/ D/ E
	5/03-3/05	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.5 TDi 4motion (110 kW) Eng.AKN	00-05	**PA868**		•		059 121 004B/ C/ D/ E
	11/00-3/05	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.5 TDi 4motion (132 kW) Eng.BAU/BDH	03-05	**PA868**		•		059 121 004B/ C/ D/ E
	1/03-3/05	**KP868-1**		•	Belt:207x30/87x24, PA868	059 109 119A,059 109 243D/ F/ G/ J/ L 059 109 244/ A/ B/ D 059 121 004B/ C/ D/ E,059 130 113/ A/ B
2.5 TDi, 4motion (110 kW) Eng.AFB	00-05	**PA868**		•		059 121 004B/ C/ D/ E
2.8 30v 4motion (142 kW) Eng.AMX/ATQ	00-05	**PA618A**		•		078 121 004H/ HV/ HX/ J/ JV/ JX/ Q/ QX 078 121 006



PA762

PA878

PA879

PA904

PA905

PA954

PA980

PA1041

PA1051

PA1071

PA1072

PA1090

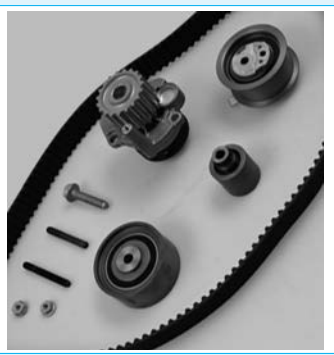
PA1137

KP762-1

KP878-1

KP879-1

KP904-1



KP905-1

KP905-2

KP980-1

		GRAF ref.			NOTE	Adaptable for OES
Passat VI (3C2, 3C5), Variant '3/05-'12/10						
1.4 TSi (90 kW) Eng.CAXA	07-	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 (75 kW) Eng.BSE/BSF	05-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	8/05-12/10	**KP904-1**		•	Belt:138x23, PA904	
1.6 FSI (85 kW) Eng.BAG/BLF	05-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.6 TDi (77 kW) Eng.CAYC	09-10	**PA1137**				03L 121 011C/ J
1.8 16v TSi (118 kW) Eng.BZB	07-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
1.8 TSi (112 kW) Eng.CDAB/CGYA	09-	**PA1071**	•			06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
1.9 TDi (77 kW) Eng.BKC/BLS/BXE	05-	**PA879**		•		045 121 011F/ H
	3/05-12/10	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
2.0 FSI (125 kW) Eng.CCTB	07-	**PA1071**	•			06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
2.0 FSI, 4motion (110 kW) Eng.BLR/BLY/BVY/BVX/BVZ	05-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 TDi (105 kW) Eng.CBAC	09-	**PA762**		•		038 121 011C/ D,03L 121 011B
2.0 TDi (120 kW) Eng.BUZ	05-	**PA905**		•		038 121 011H/ K,03G 121 011
	05-	**KP905-2**		•	Belt:141x30, PA905, Ch 3C7000001-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TDi (81 kW) Eng.CBDC	09-	**PA762**		•		038 121 011C/ D,03L 121 011B
2.0 TDi (88 kW) Eng.BWV	05-06	**PA905**		•		038 121 011H/ K,03G 121 011
	05-06	**KP905-2**		•	Belt:141x30, PA905, Ch 3C7000001-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
2.0 TDi Variant (100 kW) Eng.BMA/CBA	05-	**PA878**		•	Eng. CBA	038 121 011G/ J
	05-	**PA905**		•	Eng. BMA	038 121 011H/ K,03G 121 011
	05-	**KP905-2**		•	Eng.BMA, Belt:141x30, PA905, Ch 3C7000001-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
	8/05-12/10	**KP905-1**		•	Eng.BMA, Belt:141x30, PA905, Ch -3C6300000	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
2.0 TDi Variant (90 kW) Eng.BVD/BVE	05-	**PA878**		•	Eng. BVD	038 121 011G/ J
	05-	**PA905**		•	Eng. BVE	038 121 011H/ K,03G 121 011
	05-	**KP905-2**		•	Eng.BVE, Belt:141x30, PA905, Ch 3C7000001-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
	8/05-12/10	**KP905-1**		•	Eng BVE, Belt:141x30, PA905, Ch -3C6300000	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
2.0 TDi, 4motion (103 kW) Eng.BKP/BMP/CBAB	05-	**PA878**		•		038 121 011G/ J
	05-10	**KP905-2**		•	Eng.BKP, Belt:141x30, PA905, Ch 3C7000001-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
	3/05-12/10	**KP905-1**		•	Eng.BKP, Belt:141x30, PA905, Ch -3C6300000	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
	3/05-12/10	**KP762-1**		•	Eng.BMP, Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B 038 198 119A/ C
	3/05-12/10	**KP878-1**		•	Eng.BMP, Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 TDi, 4motion (125 kW) Eng.BMR/CBBB	05-	**PA905**		•	Eng. BMR	038 121 011H/ K,03G 121 011
	05-	**PA1090**		•	Eng. CBBB	03L 121 011G
	05-	**KP905-2**		•	Eng.BMR, Belt:141x30, PA905, Ch 3C7000001-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
	8/05-12/10	**KP905-1**		•	Eng.BMR, Belt:141x30, PA905, Ch -3C6300000	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
2.0 TFSI (147 kW) Eng.AXX/BPY/BWA/CAWB/CBFA/CCTA	05-	**PA980**		•	Eng. AXX, BPY, BWA	06A 121 011R,06F 121 011
	08-	**PA1071**	•		Eng. CAWB, CCTA, CBFA	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
	8/05-12/10	**KP980-1**		•	Belt:148x23, PA980	06F 121 011/ X,06F 198 119A
3.2 FSI, 4motion (184 kW) Eng.AXZ	05-	**PA1041**		•		022 121 011/ A/ L/ V

28 teeth pulley

PA148

PA762

PA764

PA905

PA979

PA1041

PA1051

PA1071

PA1072

PA1089

PA1090

PA1137

		GRAF ref.			NOTE	Adaptable for OES
3.6 FSi, 4motion (206 kW) Eng.BLV	05-	**PA1041**		•		022 121 011/ A/ L/ V
3.6 V6 FSI (220 kW) Eng.BWS/BLV	08-	**PA1041**		•		022 121 011/ A/ L/ V
Passat VII Coupe CC (357, 358) '6/08-						
1.8 TSi (112 kW) Eng.CDAB/CGYA	08-	**PA1071**	•		Eng. CDAB	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
1.8 TSi (118 kW) Eng.BZB/CDAA	08-	**PA1072**	•		Eng. BZB	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
	08-	**PA1071**	•		Eng. CDAA	06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
2.0 BlueTDi (105 kW) Eng.CBAC	09-	**PA762**		•		038 121 011C/ D,03L 121 011B
2.0 TDi (100 kW) Eng.CBAA/CFFA	08-	**PA762**		•	Eng. CBAA	038 121 011C/ D,03L 121 011B
	08-	**PA1137**			Eng. CFFA	03L 121 011C/ J
2.0 TDi (120 kW) Eng.CBBA	08-	**PA905**		•		038 121 011H/ K,03G 121 011
2.0 TDi , 4motion (103 kW) Eng.CBAB/CFFB	08-	**PA762**		•	Eng. CBAB	038 121 011C/ D,03L 121 011B
	08-	**PA1137**			Eng. CFFB	03L 121 011C/ J
2.0 TDi, 4motion (125 kW) Eng.CBBB/CFGB/CLLA	08-	**PA1090**		•	Eng. CBBB/ CLLA	03L 121 011G
	08-	**PA1137**			Eng. CFGB	03L 121 011C/ J
2.0 TDi, 4motion (130 kW) Eng.CFGC	12-	**PA1137**				03L 121 011C/ J
2.0 TSi (147 kW) Eng.CAWB/CCTA	08-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TSi (155 kW) Eng.CCZB	10-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
3.6 Fsi V6, 4motion (220 kW) Eng.BWS/BLV	08-	**PA1041**		•		022 121 011/ A/ L/ V
3.6 FSi, 4motion (206 kW) Eng.BLV/CNNA	12-	**PA1041**		•		022 121 011/ A/ L/ V
Passat VII, Variant (362, 365) '8/10-						
1.4 TSi (90 kW) Eng.CAXA	11-	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
1.6 TDi (77 kW) Eng.CAYC	11-	**PA1137**				03L 121 011C/ J
1.8 TSi (112 kW) Eng.CDAB	11-	**PA1071**	•			06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
1.8 TSi (118 kW) Eng.CDAA	11-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TDi (100 kW) Eng.CFFA	10-	**PA1137**				03L 121 011C/ J
2.0 TDi, 4motion (103 kW) Eng.CFFB	11-	**PA1089**		•		03L 121 011/ H
2.0 TDi, 4motion (125 kW) Eng.CFGB/CLLA	11-	**PA1137**				03L 121 011C/ J
2.0 TDi, 4motion (130 kW) Eng.CFGC	13-	**PA1137**				03L 121 011C/ J
2.0 TSi (155 kW) Eng.CCZB	10-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
3.6 FSi (206 kW)	12-	**PA1041**		•		022 121 011/ A/ L/ V
3.6 FSi 4motion (220 kW) Eng.BWS	11-	**PA1041**		•		022 121 011/ A/ L/ V
Phaeton (3D2) '4/02-						
3.0 V6 TDi 4motion (165 kW) Eng.BMK	04-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 V6 TDi 4motion (171 kW) Eng.ASB/CARA	07-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 V6 TDi, 4motion (176 kW) Eng.CARB/CEXA	08-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.2 V6, 4motion (177 kW) Eng.AYT/BKL/BRK	04-	**PA1041**		•		022 121 011/ A/ L/ V
3.6 V6 (206 kW) Eng.CHNA	09-	**PA1041**		•		022 121 011/ A/ L/ V
4.2 V8 4motion (246 kW) Eng.BGH/BGJ	03-	**PA764**		•		077 121 004M/ MX/ N/ P
Polo I (86) '3/75-'9/81						
0.8 (25 kW) Eng.HE	75-81	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
0.9 (29 kW) Eng.HA	75-81	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.1 (37 kW) Eng.HB	75-81	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.1 (44 kW) Eng.HC	75-81	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (44 kW) Eng.HH	75-81	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019

28 teeth pulley

PA148

PA423

30 teeth pulley

PA425

PA603

PA609

PA654

PA676

PA765

KP425-1

KP603-1

KP603-2

		GRAF ref.			NOTE	Adaptable for OES
Polo II (86C, 80), Classic, Coupe '10/81-'9/94						
0.9 (Exc. Classic) (29 kW) Eng.HA	10/81-12/81	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.0 (29 kW) Eng.GL	81-86	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.0, Kat (33-37 kW) Eng.AAK/AAU/ACM/HZ	86-92	**PA148**		•	26 Teeth pulley, Eng -015867	052 121 004/ V/ X,052 121 005/ A 052 121 019
	92-94	**PA425**		•	30 Teeth pulley, Eng 015868-	030 121 004A/ B,030 121 005H/ L/ LV/ LX
	11/86-9/94	**KP425-1**		•	Belt:128x19, PA425, Eng 015868-	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.1 (Exc. Classic) (37 kW) Eng.HB	81-89	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (37 kW) Eng.HW	83-85	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (57 kW) Eng.3F	91-92	**PA148**		•	26 Teeth pulley, Eng -008526	052 121 004/ V/ X,052 121 005/ A 052 121 019
	92-94	**PA425**		•	30 Teeth pulley, Eng 008527-	030 121 004A/ B,030 121 005H/ L/ LV/ LX
	3/91-9/94	**KP425-1**		•	Belt:128x19, PA425	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.3 (Exc. Classic) (44 kW) Eng.HH	81-83	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (Exc. Coupe) (43 kW) Eng.HJ	81-82	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 D (33 kW) Eng.MN	86-90	**PA423**		•		031 121 004/ A/ AV/ AX/ X 031 121 005A/ C/ CV/ CX
1.3 G40 (Exc. Classic) (83 kW) Eng.PY	87-92	**PA148**		•	26 Teeth pulley, Eng -002177	052 121 004/ V/ X,052 121 005/ A 052 121 019
	92-94	**PA425**		•	30 Teeth pulley, Eng 002178-	030 121 004A/ B,030 121 005H/ L/ LV/ LX
	1/87-9/94	**KP425-1**		•	Belt:128x19, PA425, Eng 002178-	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.3, Kat (40 kW) Eng.2G/AAV/HK/MH/NZ	83-94	**PA148**		•	26 Teeth pulley, Eng -200000	052 121 004/ V/ X,052 121 005/ A 052 121 019
	83-94	**PA425**		•	30 Teeth pulley, Eng 200001-	030 121 004A/ B,030 121 005H/ L/ LV/ LX
	90-	**KP425-1**		•	30 Teeth pulley, , Belt:128x19, PA425, Eng 200001-/262740-	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.3, Kat (Exc. Classic) (55 kW) Eng.3F/GK	89-92	**PA148**		•	26 Teeth pulley, Eng -008526	052 121 004/ V/ X,052 121 005/ A 052 121 019
	92-94	**PA425**		•	30 Teeth pulley, Eng 008527-	030 121 004A/ B,030 121 005H/ L/ LV/ LX
	10/89-9/94	**KP425-1**		•	Belt:128x19, PA425, Eng 008527-	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.4 D (35 kW) Eng.1W	90-94	**PA423**		•		031 121 004/ A/ AV/ AX/ X 031 121 005A/ C/ CV/ CX
Polo III (6N1) '10/94-'10/99						
1.0 (33 kW) Eng.AEV	94-96	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
1.0 (37 kW) Eng.AER/ALL	96-99	**PA676**		•		030 121 005S,030 121 008A/ C
1.3 (40 kW) Eng.ADX	94-95	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	10/94-7/95	**KP603-1**		•	Belt:135x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,030 198 119A 6K0 198 001A
1.4 (40-44 kW) Eng.AEX/AKV/ANX/APQ	95-99	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	7/95-10/99	**KP603-1**		•	Belt:135x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,030 198 119A 6K0 198 001A
1.4 16v (74 kW) Eng.AFH	96-99	**PA654**		•		036 121 005/ D/ J/ M
1.6 (55 kW) Eng.AEA/AEE/AHS	94-99	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	10/94-10/99	**KP603-2**		•	Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.6 16v GTI (88 kW) Eng.AJV	98-99	**PA765**		•		036 121 005F/ P,036 121 008G
1.7 SDi (42 kW) Eng.AHG	97-99	**PA609**				028 121 004/ V/ X
1.7 SDi (44 kW) Eng.AKU	97-99	**PA609**				028 121 004/ V/ X
1.9 D (47 kW) Eng.AEF	94-99	**PA609**				028 121 004/ V/ X
1.9 SDi (47 kW) Eng.AGD	96-99	**PA609**				028 121 004/ V/ X

PA279

PA579

PA603

PA674

PA676

PA731

PA904

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

KP603-1

KP603-2

KP674-1

KP676-1

KP731-1

KP904-1

		GRAF ref.			NOTE	Adaptable for OES
Polo III-IV (6KV2) Classic '11/95-'9/01						
1.0 (37 kW) Eng.AER	96-01	**PA676**		•		030 121 005S,030 121 008A/ C
1.4 (40-44 kW) Eng.AEX/AKV/ANX/APQ	95-01	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	12/95-9/01	**KP603-1**		•	Eng.APQ, Belt:135x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,030 198 119A 6K0 198 001A
1.4 (44 kW) Eng.AKK/AUD	95-01	**PA676**		•		030 121 005S,030 121 008A/ C
	12/95-9/01	**KP676-1**		•	Eng.AUD, Belt:135x19, PA676	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 (44 kW) Eng.ANW	95-01	**PA676**		•		030 121 005S,030 121 008A/ C
	12/95-9/01	**KP676-1**		•	Belt:135x19, PA676	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 16v (55 kW) Eng.AHW/AKQ/APE/AUA	99-01	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	10/99-9/01	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.6 (53-55 kW) Eng.1F	95-01	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	95-01	**PA1104**	•		+RB, +PS	037 121 005C
	95-01	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	95-01	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (55 kW) Eng.AEE/ALM	95-01	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	11/95-9/01	**KP603-2**		•	Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.6 (74 kW) Eng.AEH/AKL/APF/AUR	95-01	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	12/95-9/01	**KP904-1**		•	Belt:138x23, PA904	
1.6 (74 kW) Eng.AFT	95-99	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	95-99	**PA1104**	•		+RB, +PS	037 121 005C
	95-99	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	95-99	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.7 SDi (42 kW) Eng.AKW	97-01	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	97-01	**PA1104**	•		+RB, +PS	037 121 005C
	97-01	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	97-01	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (66 kW) Eng.ADD/ADZ	97-01	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	97-01	**PA1104**	•		+RB, +PS	037 121 005C
	97-01	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	97-01	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 D (47-50 kW) Eng.1Y/AEY	95-01	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	95-01	**PA1104**	•		+RB, +PS	037 121 005C
	95-01	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	95-01	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 SDi (50 kW) Eng.AGP/AQM	99-01	**PA731**		•		038 121 011/ A/ AV/ AX
	8/99-9/01	**KP731-1**		•	Eng.AQM, Belt:141x25, PA731, Eng 229903-	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (66 kW) Eng.AGR/AHU/ALH/ALE	96-01	**PA279**	•		Eng. AHU, ALE	026 121 005A/ C/ E/ G/ H,068 121 005A
	96-01	**PA1104**	•		+RB, Eng. AHU, ALE, +PS	037 121 005C
	96-01	**PA579**			+BH, Eng. AHU, ALE	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	96-01	**PA731**		•	Eng. AGR/ ALH	038 121 011/ A/ AV/ AX
	96-01	**PA1105**			+RB, +BH, Eng. AHU, ALE, +PS	026 121 010CX,037 121 010C
	9/96-9/01	**KP731-1**		•	Eng.AGR, Belt:141x25, PA731, Eng 565001-	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (81 kW) Eng.AFN/ASV	98-01	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	98-01	**PA1104**	•		+RB, +PS	037 121 005C
	98-01	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	98-01	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C

PA279

PA579

PA603

PA609

PA674

PA676

PA731

PA904

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

KP603-1

KP603-2

KP674-1

KP676-1

KP731-1

KP904-1

		GRAF ref.			NOTE	Adaptable for OES
1.9 TDi (81 kW) Eng.AFN/ASV	6/98-9/01	**KP731-1**		•	Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
Polo IV (6KV5) Variant '5/97-'9/01						
1.4 (40 kW) Eng.AKP	99-01	**PA676**		•		030 121 005S,030 121 008A/ C
	10/99-9/01	**KP676-1**		•	Belt:135x19, PA676, Ch 6NY600001-	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 (44 kW) Eng.AEX/AKV/ANX/APQ	97-01	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	5/97-9/01	**KP603-1**		•	Eng.AEX, Belt:135x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,030 198 119A 6K0 198 001A
1.4 (44 kW) Eng.AKK/AUD	97-01	**PA676**		•		030 121 005S,030 121 008A/ C
	5/97-9/01	**KP676-1**		•	Eng.AKK, Belt:135x19, PA676, Eng 127807-	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 (44 kW) Eng.ANW	97-01	**PA676**		•		030 121 005S,030 121 008A/ C
1.4 16v (55 kW) Eng.AHW/AKQ/APE/AUA	99-01	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	10/99-9/01	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.6 (55 kW) Eng.AEE/ALM	97-01	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	5/97-9/01	**KP603-2**		•	Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.6 (74 kW) Eng.AEH/AKL/APF/AUR	99-01	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	10/99-9/01	**KP904-1**		•	Eng.APF, Belt:138x23, PA904	
1.7 SDi (44 kW) Eng.AKU/AKW	99-01	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	99-01	**PA1104**	•		+RB, +PS	037 121 005C
	99-01	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	99-01	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (66 kW) Eng.ADD/ADZ	97-01	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	97-01	**PA1104**	•		+RB, +PS	037 121 005C
	97-01	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	97-01	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 SDi (47 kW) Eng.AEY	99-01	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	99-01	**PA1104**	•		+RB, +PS	037 121 005C
	99-01	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	99-01	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 SDi (47 kW) Eng.AGD/ASX	99-01	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	99-01	**PA1104**	•		+RB, +PS	037 121 005C
	99-01	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	99-01	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 SDi (50 kW) Eng.AGP/AQM	99-01	**PA731**		•		038 121 011/ A/ AV/ AX
	8/99-9/01	**KP731-1**		•	Eng.AQM, Belt:141x25, PA731, Eng 229903-	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (66 kW) Eng.AGR/AHU/ALH/ALE	97-01	**PA609**				028 121 004/ V/ X
	5/97-9/01	**KP731-1**		•	Eng.ALH, Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (81 kW) Eng.AFN/ASV	6/98-9/01	**KP731-1**		•	Eng.ASV, Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
Polo IV (6N2) '10/99-'9/01						
1.0 (37 kW) Eng.ALD/ALL/ANV/AUC	99-01	**PA676**		•		030 121 005S,030 121 008A/ C
	10/99-9/01	**KP676-1**		•	Belt:135x19, PA676, Ch 6NY600001-	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 (40 kW) Eng.AKP	99-01	**PA676**		•		030 121 005S,030 121 008A/ C
	10/99-9/01	**KP676-1**		•	Belt:135x19, PA676, Ch 6NY600001-	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 (44 kW) Eng.AEX/AKV/ANX/APQ	99-01	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
1.4 (44 kW) Eng.AKK/AUD	99-01	**PA676**		•		030 121 005S,030 121 008A/ C
	10/99-9/01	**KP676-1**		•	Belt:135x19, PA676, Ch 6NY600001-	030 121 005S,030 121 008A/ C/ CX 030 198 119B

PA603

PA609

PA674

PA676

PA731

PA761

PA765

PA806

PA855

PA875

PA879

PA939

PA947

PA954

KP674-1

KP674-2

KP761-1

KP879-1

		GRAF ref.			NOTE	Adaptable for OES
1.4 (44 kW) Eng.ANW	99-01	**PA676**		•		030 121 005S,030 121 008A/ C
1.4 16v (55 kW) Eng.AHW/AKQ/APE/AUA	99-01	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	10/99-9/01	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 16v (74 kW) Eng.AFK/AUB	99-01	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	10/99-9/01	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 TDi (55 kW) Eng.AMF	99-01	**PA761**		•	Ch -9N2100000	045 121 011B
	99-01	**PA879**		•	Ch 9N2100001-	045 121 011F/ H
1.6 16v GTI (92 kW) Eng.ARC/AVY	99-01	**PA765**		•		036 121 005F/ P,036 121 008G
1.7 SDi (44 kW) Eng.AKU/AKW	99-01	**PA609**				028 121 004/ V/ X
1.9 D (47 kW) Eng.AEF	99-01	**PA609**				028 121 004/ V/ X
1.9 SDi (47 kW) Eng.AEY/AGD/ASX	99-01	**PA609**				028 121 004/ V/ X
1.9 SDi (50 kW) Eng.AGP	99-01	**PA731**		•		038 121 011/ A/ AV/ AX
						Polo V (9N) '10/01-'6/09
1.2 (40 kW) Eng.AWY/BHD/BMD	02-	**PA855**				03D 121 005,03D 121 013B
1.2 (44 kW) Eng.BBM	07-	**PA855**				03D 121 005,03D 121 013B
1.2 12v (47 kW) Eng.AZQ/BME	01-	**PA855**				03D 121 005,03D 121 013B
1.2 12v (51 kW) Eng.BZG	07-	**PA855**				03D 121 005,03D 121 013B
1.4 16v (55 kW) Eng.AHW/AKQ/APE/AUA/BBY/BKY	01-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	05-	**PA939**				03C 121 005B/ C/ L
	01-09	**KP674-1**		•	Belt:130x20/58x17, PA674, Ch -9N6P027500	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
	01-09	**KP674-1**		•	Eng.BKY, Belt:130x20/58x17, PA674, Ch -9N6300000	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
	01-09	**KP674-2**		•	Eng.BKY, Belt:130x20, PA674, Ch 9N6300001-	036 109 119AG/ M/ P/ Q 036 109 243AB/ AC/ AD/ AE/ AG/ E/ K/ L/ R/ S 036 109 244C/ D/ J 036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
1.4 16v (59 kW) Eng.BUD	06-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	5/06-6/09	**KP674-1**		•	Belt:130x20/58x17, PA674, Ch -9N6300000	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 16v (74 kW) Eng.AUB/BBZ	01-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	10/01-6/09	**KP674-1**		•	Belt:130x20/58x17, PA674, Ch -9N6P027500	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 FSI (63 kW) Eng.AXU	02-	**PA939**				03C 121 005B/ C/ L
1.4 TDi (51 kW) Eng.BNM/BWB	05-09	**PA879**		•		045 121 011F/ H
	4/05-6/09	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.4 TDi (55 kW) Eng.AMF/BAY	01-	**PA761**		•	Ch -9N2100000	045 121 011B
	01-	**PA879**		•	Ch 9N2100001-	045 121 011F/ H
	10/01-6/09	**KP761-1**		•	Belt:120x30, PA761, Ch 9N2050001-9N2100000	038 198 119A/ C,045 121 011B/ BV/ BX
	10/01-6/09	**KP879-1**		•	Belt:120x30, PA879, Ch 9N2100001-	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.4 TDi (59 kW) Eng.BMS/BNV	05-	**PA879**		•		045 121 011F/ H
	4/05-6/09	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.6 (74 kW) Eng.BAH/BPA	02-09	**PA603**		•	Eng. BAH	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
1.6 (77 kW) Eng.BTS	06-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.8 GTI (110 kW) Eng.BJX	05-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
1.8 GTi Cup (132 kW) Eng.BBU	06-09	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
1.9 SDi (47 kW) Eng.ASY	01-	**PA806**		•	Ch -9N2100000	045 121 011C
	01-	**PA875**		•	Ch 9N2100001-	045 121 011G/ J
1.9 TDi (74 kW) Eng.ATD/AXR	01-	**PA761**		•	Ch -9N2100000	045 121 011B
	01-	**PA879**		•	Ch 9N2100001-	045 121 011F/ H
	10/01-6/09	**KP761-1**		•	Belt:120x30, PA761, Ch -9N2100000	038 198 119A/ C,045 121 011B/ BV/ BX
	10/01-6/09	**KP879-1**		•	Belt:120x30, PA879, Ch 9N2100001-	038 198 119A/ C,045 121 011F/ FX/ H/ HX

PA146

28 teeth pulley

PA148

PA279

PA546

PA579

PA674

PA855

PA879

PA947

PA954

PA1089

Cuscietto Rinforzato
Reinforced Bearing

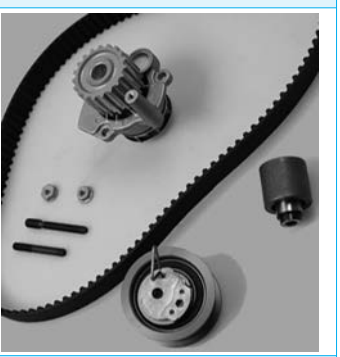
PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

PA1167

KP674-2



KP879-1

		GRAF ref.			NOTE	Adaptable for OES
1.9 TDi (96 kW) Eng.ASZ/BLT	03-	**PA879**		•		045 121 011F/ H
	11/03-6/09	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
2.0 (85 kW) Eng.BBX	02-09	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
Polo VI (6R) '7/09-						
1.2 (44 kW) Eng.CHFA/CGPB	09-	**PA855**				03D 121 005,03D 121 013B
1.2 (51 kW) Eng.CGPA	09-	**PA855**				03D 121 005,03D 121 013B
1.2 (55 kW) Eng.CJLA	11-	**PA855**				03D 121 005,03D 121 013B
1.2 TDi (55 kW) Eng.CFWA	09-	**PA1089**		•		03L 121 011/ H
1.2 TSi (63 kW) Eng.CBZA	09-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.2 TSi (66 kW) Eng.CBZC	11-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.2 TSi (77 kW) Eng.CBZB	10-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.4 (63 kW) Eng.CGGB	09-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	09-	**KP674-2**		•	Belt:130x20, PA674	036 109 119AG/ M/ P/ Q 036 109 243AB/ AC/ AD/ AE/ AG/ E/ K/ L/ R/ S 036 109 244C/ D/ J 036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
1.4 BiFuel (60 kW) Eng.CMAA	10-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	10-	**KP674-2**		•	Belt:130x20, PA674	036 109 119AG/ M/ P/ Q 036 109 243AB/ AC/ AD/ AE/ AG/ E/ K/ L/ R/ S 036 109 244C/ D/ J 036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
1.6 (63 kW) Eng.CFNB	10-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.6 BiFuel (60 kW) Eng.CNKA	11-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.6 TDi (55 kW) Eng.CAYA	09-	**PA1089**		•		03L 121 011/ H
1.6 TDi (66 kW) Eng.CAYB	09-	**PA1089**		•		03L 121 011/ H
1.6 TDi (77 kW) Eng.CAYC	09-	**PA1089**		•		03L 121 011/ H
Santana I (32, 33), Variant '5/73-'7/80						
1.3 (40 kW) Eng.FY	73-80	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (40 kW) Eng.ZA	73-80	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	73-80	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.3 (44 kW) Eng.ZF	73-78	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	73-78	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.5 (55 kW) Eng.YJ/ZB	73-75	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	73-75	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.5 (63 kW) Eng.ZC	73-75	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	73-75	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.5 D (37 kW) Eng.CK	77-80	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	77-80	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 (63 kW) Eng.YP	75-80	**PA279**	•		Ch 32B100001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	75-80	**PA1104**	•		+RB, Ch 32B100001-, +PS	037 121 005C
	75-80	**PA146**			Ch -32B100000	056 121 005/ A,068 121 005/ B/ C/ X
	75-80	**PA546**			+BH, Ch -32B100000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	75-80	**PA579**			+BH, Ch 32B100001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	75-80	**PA1105**			+RB, +BH,, Ch 32B100001-, +PS	026 121 010CX,037 121 010C

PA103

PA146

28 teeth pulley

PA148

PA279

PA546

PA579

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

		GRAF ref.			NOTE	Adaptable for OES
1.6 (Exc. SW) (53 kW) Eng.FS	75-80	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	75-80	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 D SW (40 kW) Eng.CR	79-80	**PA279**	•		Ch 32B100001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	79-80	**PA1104**	•		+RB, Ch 32B100001-, +PS	037 121 005C
	79-80	**PA146**			Ch -32B100000	056 121 005/ A,068 121 005/ B/ C/ X
	79-80	**PA546**			+BH, Ch -32B100000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	79-80	**PA579**			+BH, Ch 32B100001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	79-80	**PA1105**			+RB, +BH,, Ch 32B100001-, +PS	026 121 010CX,037 121 010C
1.6 i SW (81 kW) Eng.YS	78-80	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	78-80	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 SW (55 kW) Eng.YN	76-80	**PA279**	•		Ch 32B100001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	76-80	**PA1104**	•		+RB, Ch 32B100001-, +PS	037 121 005C
	76-80	**PA146**			Ch -32B100000	056 121 005/ A,068 121 005/ B/ C/ X
	76-80	**PA546**			+BH, Ch -32B100000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	76-80	**PA579**			+BH, Ch 32B100001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	76-80	**PA1105**			+RB, +BH,, Ch 32B100001-, +PS	026 121 010CX,037 121 010C
Santana II (32B) '8/81-'12/84						
1.3 (44 kW) Eng.FZ	81-83	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.6 (55 kW) Eng.DT/WV	81-84	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	81-84	**PA1104**	•		+RB, +PS	037 121 005C
	81-84	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	81-84	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (63 kW) Eng.YP	81-82	**PA279**	•		Ch 32B100001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	81-82	**PA1104**	•		+RB, Ch 32B100001-, +PS	037 121 005C
	81-82	**PA146**			Ch -32B100000	056 121 005/ A,068 121 005/ B/ C/ X
	81-82	**PA546**			+BH, Ch -32B100000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	81-82	**PA579**			+BH, Ch 32B100001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	81-82	**PA1105**			+RB, +BH,, Ch 32B100001-, +PS	026 121 010CX,037 121 010C
1.6 D (40 kW) Eng.CR/JK	81-84	**PA279**	•		Ch 32B100001-	026 121 005A/ C/ E/ G/ H,068 121 005A
	81-84	**PA1104**	•		+RB, Ch 32B100001-, +PS	037 121 005C
	81-84	**PA146**			Ch -32B100000	056 121 005/ A,068 121 005/ B/ C/ X
	81-84	**PA546**			+BH, Ch -32B100000	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	81-84	**PA579**			+BH, Ch 32B100001-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	81-84	**PA1105**			+RB, +BH,, Ch 32B100001-, +PS	026 121 010CX,037 121 010C
1.6 TD (51 kW) Eng.CY	81-84	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	81-84	**PA1104**	•		+RB, +PS	037 121 005C
	81-84	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	81-84	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (66 kW) Eng.DS	83-84	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	83-84	**PA1104**	•		+RB, +PS	037 121 005C
	83-84	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	83-84	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 (85 kW) Eng.WN	81-83	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.0, Syncro (85 kW) Eng.HP/JS	83-84	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E
2.1 (85 kW) Eng.WE	82-83	**PA103**		•		035 121 004/ A/ AV/ AX,035 121 005E

PA146

28 teeth pulley

PA148

PA279

PA546

PA579

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

		GRAF ref.			NOTE	Adaptable for OES
Scirocco I (53) '2/74-'7/80						
1.1 (37 kW) Eng.FA/GG	74-79	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (44 kW) Eng.GF	79-80	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.5 (51 kW) Eng.FH	74-80	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	74-80	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.5 (51 kW) Eng.JB	74-80	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	74-80	**PA1104**	•		+RB, +PS	037 121 005C
	74-80	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	74-80	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.5 (55 kW) Eng.YJ/ZB	74-75	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	74-75	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.5 (63 kW) Eng.ZC	74-77	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	74-77	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 (51 kW) Eng.FT	75-77	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	75-77	**PA1104**	•		+RB, +PS	037 121 005C
	75-77	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	75-77	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (55 kW) Eng.FP	75-77	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	75-77	**PA1104**	•		+RB, +PS	037 121 005C
	75-77	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	75-77	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (63 kW) Eng.FR	75-80	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	75-80	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 (81 kW) Eng.EG	76-80	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	76-80	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
Scirocco II (53B) '8/80-'7/92						
1.1 (37 kW) Eng.FA	80-83	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.1 (37 kW) Eng.FJ	80-83	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.3 (44 kW) Eng.GF	80-83	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
1.5 (51 kW) Eng.JB	80-83	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	80-83	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 (63 kW) Eng.FR	80-84	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	80-84	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.6 (81 kW) Eng.EG	80-82	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	80-82	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
1.8 (66 kW) Eng.EX	83-92	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	83-92	**PA1104**	•		+RB, +PS	037 121 005C
	83-92	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	83-92	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C

PA279

PA579

PA762

PA879

PA947

PA980

PA1051

PA1072

PA1090

PA1104

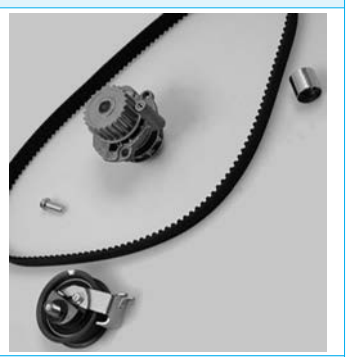
PA1105

PA1137

KP762-2

KP878-1

KP879-1



KP947-2

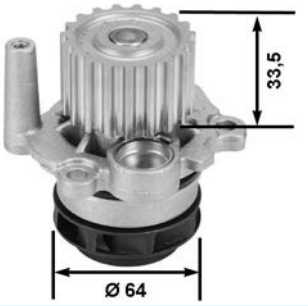
KP947-4

		GRAF ref.			NOTE	Adaptable for OES
1.8 (70 kW) Eng.JH	85-92	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	85-92	**PA1104**	•		+RB, +PS	037 121 005C
	85-92	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	85-92	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 16v (102 kW) Eng.KR	85-89	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	85-89	**PA1104**	•		+RB, +PS	037 121 005C
	85-89	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	85-89	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 16v GTi (95 kW) Eng.PL	86-92	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	86-92	**PA1104**	•		+RB, +PS	037 121 005C
	86-92	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	86-92	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 GTI (82 kW) Eng.DX/EV/PB	82-89	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	82-89	**PA1104**	•		+RB, +PS	037 121 005C
	82-89	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	82-89	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
Scirocco III (137) '10/08-						
1.4 TSi (90 kW) Eng.CAXA/CMSB	08-	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
2.0 R (188 kW) Eng.CDLC	09-	**PA980**		•		06A 121 011R,06F 121 011
2.0 TDi (100 kW) Eng.CFHB	10-	**PA1137**				03L 121 011C/ J
2.0 TDi (103 kW) Eng.CBDB/CFHC	08-	**PA762**		•	Eng. CBDB	038 121 011C/ D,03L 121 011B
	08-	**PA1137**			Eng. CFHC	03L 121 011C/ J
2.0 TDi (125 kW) Eng.CBBB/CFGB	09-	**PA1090**		•	Eng. CBBB	03L 121 011G
	09-	**PA1137**			Eng. CFGB	03L 121 011C/ J
2.0 TDi (130 kW) Eng.CFGC	13-	**PA1137**				03L 121 011C/ J
2.0 TFSI (147 kW) Eng.CAWB	08-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TFSi R (195 kW) Eng.CDLA	09-	**PA980**		•		06A 121 011R,06F 121 011
2.0 TSi (155 kW) Eng.CCZB	09-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
Sharan I (7M8, 7M9) '9/95-'9/10						
1.8 T. 20v (110 kW) Eng.AJH/AWC	97-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	9/97-9/10	**KP947-2**		•	Eng.AJH, Belt:150x23, PA947	068 121 011E,06A 109 119A 06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H 06A 121 011HV/ HX/ L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ E/ G/ X 06B 121 011EX/ HX/ L/ LX/ MX/ N/ NX/ Q/ QX
	9/97-9/10	**KP947-4**		•	Eng.AWC, Belt:150x23, PA947	06A 121 011C/ E/ EV/ EX/ F/ FV/ FX/ G/ H/ HX 06A 121 011L/ LV/ LX/ Q/ T/ TV/ TX 06A 121 012/ B/ D/ G/ X
1.9 TDi (110 kW) Eng.BTB	05-	**PA879**		•		045 121 011F/ H
	6/05-9/10	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi (66 kW) Eng.1Z	95-	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	95-	**PA1104**	•		+RB, +PS	037 121 005C
	95-	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	95-	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TDi (66 kW) Eng.AHU/ANU	95-	**PA762**		•		038 121 011C/ D,03L 121 011B
	1/03-	**KP878-1**		•	Eng.ANU, Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
	-12/02	**KP762-2**		•	Eng.ANU, Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B
1.9 TDi (81 kW) Eng.AFN/AVG	96-00	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	96-00	**PA1104**	•		+RB, +PS	037 121 005C
	96-00	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	96-00	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TDi (96 kW) Eng.ASZ	02-03	**PA762**		•		038 121 011C/ D,03L 121 011B

PA279

PA579

PA617



PA762

PA878

PA879

PA947

PA982

PA1051

PA1071

PA1072

PA1089

PA1090

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

PA1137

KP762-2

KP878-1

KP879-1

		GRAF ref.			NOTE	Adaptable for OES
1.9 TDi (96 kW) Eng.ASZ	03-	**PA879**		•		045 121 011F/ H
	11/02-9/10	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi, 4motion (85 kW) Eng.AUY/BVK	00-	**PA762**		•		038 121 011C/ D,03L 121 011B
	1/03-	**KP878-1**		•	Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
	-12/02	**KP762-2**		•	Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B
2.0 (85 kW) Eng.ADY/ATM	00-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
	95-00	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	95-00	**PA1104**	•		+RB, +PS	037 121 005C
	95-00	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	95-00	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 GTi 16v (110 kW) Eng.ABF	96-00	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	96-00	**PA1104**	•		+RB, +PS	037 121 005C
	96-00	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	96-00	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 TDi (100 kW) Eng.BVH	05-10	**PA878**		•		038 121 011G/ J
2.0 TDi (103 kW) Eng.BKD/BRT	06-	**PA878**		•		038 121 011G/ J
	8/06-9/10	**KP878-1**		•	Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.8 V6 24v, 4motion (150 kW) Eng.AYL	00-	**PA617**	•		Ch -7M2035000	021 121 004/ A
2.8 VR6, Syncro (128 kW) Eng.AAA/AMY	96-00	**PA617**	•			021 121 004/ A
Sharan II (7N) '10/10-						
1.8 TSi (118 kW) Eng.CDAA	12-	**PA1071**	•			06H 121 026AB/ AF/ BE/ BF/ CC 06J 121 026AN/ G/ L
2.0 TDi (125 kW) Eng.CBBB	10-	**PA1089**		•		03L 121 011/ H
	10-	**PA1090**		•		03L 121 011G
2.0 TDi (130 kW) Eng.CFGC	13-	**PA1137**				03L 121 011C/ J
2.0 TDi (85 kW) Eng.CFFE	11-	**PA1137**				03L 121 011C/ J
2.0 TDi, 4motion (100 kW) Eng.CFFA	10-	**PA1137**				03L 121 011C/ J
2.0 TDi, 4motion (103 kW) Eng.CFFB	10-	**PA1137**				03L 121 011C/ J
2.0 TSi (147 kW) Eng.CCZA	10-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
Tiguan I (5N1) '11/07-'8/11						
1.4 TSi (90 kW) Eng.CAXA	10-	**PA1051**				03C 121 005N/ R,03C 121 008B/ E
2.0 TDi 16v 4motion (125 kW) Eng.CBBB/CCZC	07-	**PA1072**	•		Eng. CCZC	06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
	07-	**PA1090**		•	Eng. CBBB	03L 121 011G
2.0 TDi 16v, 4motion (103 kW) Eng.CBAB/CFFB	07-	**PA762**		•	Eng. CBAB	038 121 011C/ D,03L 121 011B
	07-	**PA1089**		•	Eng. CFFB	03L 121 011/ H
2.0 TDi 4motion (100 kW) Eng.CBAA	07-	**PA1090**		•		03L 121 011G
2.0 TDi 4motion (120 kW) Eng.CBBA	08-09	**PA1090**		•		03L 121 011G
2.0 TFSi 4motion (125 kW) Eng.CAWA/CCZC	07-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 TFSi 4motion (147 kW) Eng.CAWB/CCTA	07-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
Tiguan II (5N2) '8/11-						
2.0 TDi (103 kW) Eng.CFFB/CLJA	11-	**PA1137**				03L 121 011C/ J
2.0 TDi (125 kW) Eng.CBBB/CFGB	11-	**PA1090**		•	Eng. CBBB	03L 121 011G
	11-	**PA1137**			Eng. CFGB	03L 121 011C/ J
2.0 TDi (81 kW) Eng.CFFD	11-	**PA1089**		•		03L 121 011/ H
2.0 TDi 4motion (130 kW) Eng.CFGC	13-	**PA1137**				03L 121 011C/ J
2.0 TSi 4motion (132 kW) Eng.CCZD	11-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
2.0 Tsi, 4motion (155 kW) Eng.CCZB	11-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F
Touareg I (7LA) '10/02-'4/10						
2.5 R5 TDi (128 kW) Eng.BAC/BPE	03-	**PA982**				070 121 011A/ C/ D
2.5 TDi (120 kW) Eng.BLK/BPD	03-	**PA982**				070 121 011A/ C/ D

PA764

PA878

PA879

PA904

PA905

PA947

PA954

PA979

PA1041

PA1137

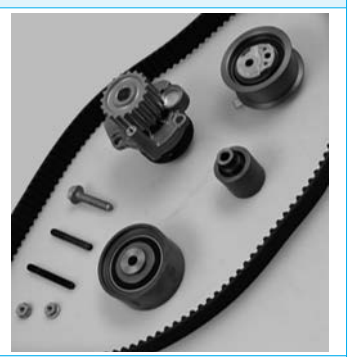
PA1141

PA1151

PA1167

KP879-1

KP904-1



KP905-1

KP905-2

		GRAF ref.			NOTE	Adaptable for OES
3.0 TDi (155 kW) Eng.BUN	06-10	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 V6 TDi (165 kW) Eng.BKS	04-10	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 V6 TDi (176 kW) Eng.CAS	07-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.2 V6 (162 kW) Eng.AZZ/BKJ	02-	**PA1041**		•		022 121 011/ A/ L/ V
3.2 V6 (177 kW) Eng.BMV/BMX	04-	**PA1041**		•		022 121 011/ A/ L/ V
3.6 V6 FSI (206 kW) Eng.BHK/BHL	06-	**PA1041**		•		022 121 011/ A/ L/ V
4.2 FSi V8 (257 kW) Eng.BAR	06-10	**PA1151**				079 121 012D,079 121 014F
4.2 V8 (228 kW) Eng.AXQ/BHX	02-	**PA764**		•		077 121 004M/ MX/ N/ P
Touareg II (7P5) '5/10-						
3.0 TDi V6 (150 kW) Eng.CASD/CJMA	10-	**PA979**			Eng. CASD	06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi V6 (165 kW) Eng.CATA	10-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 TDi V6 (180 kW) Eng.CJGD	11-	**PA1141**				059 121 005T,059 121 008A
3.0 V6 TDi (176 kW) Eng.CASA/CNRB	10-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.0 V6 TSi (213 kW) Eng.CJTA	10-	**PA979**				06E 121 005D/ F/ N,06E 121 008N 06E 121 018A
3.6 V6 FSi (183 kW) Eng.CMTA	10-	**PA1041**		•		022 121 011/ A/ L/ V
4.2 FSi (265 kW) Eng.CGNA	10-	**PA1151**				079 121 012D,079 121 014F
Touran (1T1, 1T2) '2/03-						
1.2 TFSi (77 kW) Eng.CBZB	10-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.6 (75 kW) Eng.BGU	03-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	7/03-	**KP904-1**		•	Belt:138x23, PA904	
1.6 (75 kW) Eng.BSE/BSF	03-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	7/03-	**KP904-1**		•	Belt:138x23, PA904	
1.6 FSI (85 kW) Eng.BAG/BLF/BLP	03-	**PA954**				03C 121 005D/ S,03C 121 008C/ F
1.6 TDi (66 kW) Eng.CAYB	10-	**PA1137**				03L 121 011C/ J
1.6 TDi (77 kW) Eng.CAYC	10-	**PA1137**				03L 121 011C/ J
1.9 TDi (66 kW) Eng.BRU/BXF	04-	**PA879**		•		045 121 011F/ H
	11/04-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi (74 kW) Eng.AVQ	03-	**PA879**		•		045 121 011F/ H
	2/03-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi (77 kW) Eng.BKC	03-	**PA879**		•		045 121 011F/ H
	8/03-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
2.0 EcoFuel (80 kW) Eng.BSX	06-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
2.0 FSI (110 kW) Eng.AXW/BLR/BLX/BLY	03-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 FSI (85 kW) Eng.BJZ	04-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
2.0 TDi (100 kW) Eng.AZV	03-	**PA905**		•		038 121 011H/ K,03G 121 011
	03-	**KP905-2**		•	Belt:141x30, PA905, Ch 1T6185467-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
	2/03-	**KP905-1**		•	Belt:141x30, PA905, Ch -1T6185466	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
2.0 TDi (103 kW) Eng.BKD/BMM/CFHC	03-	**PA905**		•	Eng. BKD	038 121 011H/ K,03G 121 011
	03-	**PA878**		•	Eng. BMM	038 121 011G/ J
	03-	**PA1137**			Eng. CFHC	03L 121 011C/ J
	03-	**KP905-2**		•	Eng.BKD, Belt:141x30, PA905, Ch 1T6185467-	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011

PA279

PA425

PA579

PA603

PA609

PA905

PA1104

PA1105

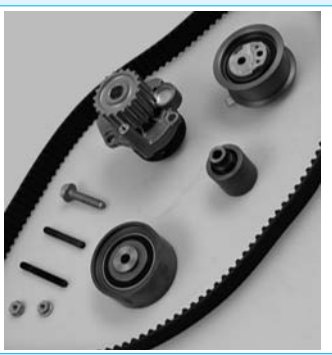
PA1137

KP425-1

KP603-1

KP603-2

KP878-1



KP905-1

KP905-2

		GRAF ref.			NOTE	Adaptable for OES
2.0 TDi (103 kW) Eng.BKD/BMM/CFHC	8/03-	**KP905-1**		•	Eng.BKD, Belt:141x30, PA905, Ch -1T6185466	038 120 011H/ HX,038 121 011H/ HX/ K/ KX 03G 198 119
	8/03-	**KP878-1**		•	Eng.BMM, Belt:120x30, PA878	038 121 011G/ GX/ J/ JX,038 198 119A/ C 03L 121 011B/ BX
2.0 TDi (130 kW) Eng.CFJB	13-	**PA1137**				03L 121 011C/ J
2.0 TDi (81 kW) Eng.CLCA	10-	**PA1137**				03L 121 011C/ J
2.0 TDi (96 kW) Eng.CFJB	13-	**PA1137**				03L 121 011C/ J
2.0 TDi 16v (125 kW) Eng.BMN/CFJA	05-	**PA905**		•	Eng. BMN	038 121 011H/ K,03G 121 011
	10-	**PA1137**			Eng. CFJA	03L 121 011C/ J
	05-	**KP905-2**		•	Eng.BMN, Belt:141x30, PA905	038 109 244J/ N,038 121 011H/ K 03G 109 119,03G 109 243,03G 109 244A 03G 121 011
Vento (1H2) '11/91-'9/98						
1.4 (40 kW) Eng.ABD	91-98	**PA425**		•	30 Teeth pulley	030 121 004A/ B,030 121 005H/ L/ LV/ LX
	11/91-9/98	**KP425-1**		•	Belt:128x19, PA425	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.4 (44 kW) Eng.AEX	91-98	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	11/91-9/98	**KP603-1**		•	Belt:135x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,030 198 119A 6K0 198 001A
1.6 (55 kW) Eng.ABU	92-98	**PA425**		•	30 Teeth pulley	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.6 (55 kW) Eng.AEA/AEE	92-98	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	9/92-9/98	**KP603-2**		•	Eng.AEA, Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.6 (74 kW) Eng.AEK/AFT	94-98	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	94-98	**PA1104**	•		+RB, +PS	037 121 005C
	94-98	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	94-98	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (55 kW) Eng.AAM	91-98	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-98	**PA1104**	•		+RB, +PS	037 121 005C
	91-98	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-98	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (66 kW) Eng.ABS/ADZ	91-98	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-98	**PA1104**	•		+RB, +PS	037 121 005C
	91-98	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-98	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 D (47-50 kW) Eng.1Y	91-98	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-98	**PA1104**	•		+RB, +PS	037 121 005C
	91-98	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-98	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 SDi (47 kW) Eng.AEY	97-98	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	97-98	**PA1104**	•		+RB, +PS	037 121 005C
	97-98	**PA609**				028 121 004/ V/ X
	97-98	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	97-98	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TD (55 kW) Eng.AAZ	91-98	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-98	**PA1104**	•		+RB, +PS	037 121 005C
	91-98	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-98	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TDi (66 kW) Eng.1Z	10/93-95	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	10/93-95	**PA1104**	•		+RB, +PS	037 121 005C
	10/93-95	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	10/93-95	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
	95-98	**PA609**				028 121 004/ V/ X
1.9 TDi (66 kW) Eng.AHU/ALE	93-98	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	93-98	**PA1104**	•		+RB, +PS	037 121 005C

PA279

PA579

PA603

PA617

PA674

PA676

PA1072

PA1089

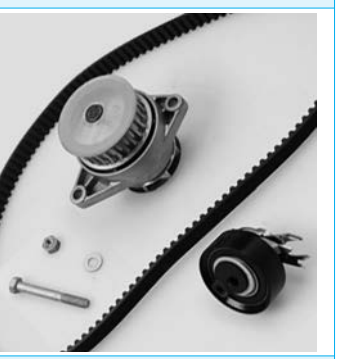
Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

PA1137



KP603-1

KP603-2

KP676-1

		GRAF ref.			NOTE	Adaptable for OES
1.9 TDi (66 kW) Eng.AHU/ALE	93-98	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	93-98	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TDi (81 kW) Eng.AFN	96-98	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	96-98	**PA1104**	•		+RB, +PS	037 121 005C
	96-98	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	96-98	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 (85 kW) Eng.2E/ADY/AGG/AKR	91-98	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-98	**PA1104**	•		+RB, +PS	037 121 005C
	91-98	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-98	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 GTi 16v (110 kW) Eng.ABF	91-98	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	91-98	**PA1104**	•		+RB, +PS	037 121 005C
	91-98	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	91-98	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.8 VR6 (128 kW) Eng.AAA	92-98	**PA617**	•			021 121 004/ A

VOLKSWAGEN LCV

Amarok '10/10-

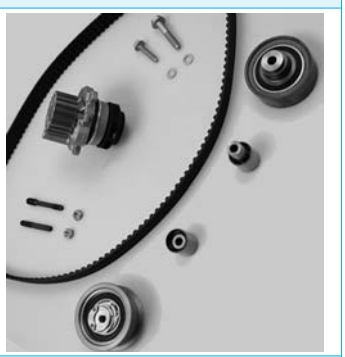
2.0 BiTDi, 4motion (120 kW) Eng.CDCA	10-	**PA1137**				03L 121 011C/ J
2.0 TDi (132 kW) Eng.CNEA/CSHA	11-	**PA1137**				03L 121 011C/ J
2.0 TDI, 4motion (103 kW) Eng.CNFB	12-	**PA1137**				03L 121 011C/ J
2.0 TDi, 4motion (90 kW) Eng.CDBA/CNFA	10-	**PA1089**		•		03L 121 011/ H
2.0 TSi (118 kW) Eng.CFPA	10-	**PA1072**	•			06H 121 026AG/ B/ BA/ BP/ CF/ N 06J 121 026F

Caddy I (14) '8/82-'7/92

1.5 (51 kW) Eng.JB	82-83	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	82-83	**PA1104**	•		+RB, +PS	037 121 005C
	82-83	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	82-83	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (55 kW) Eng.EM/EW	83-92	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	83-92	**PA1104**	•		+RB, +PS	037 121 005C
	83-92	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	83-92	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 D (40 kW) Eng.JK/ME	82-92	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	82-92	**PA1104**	•		+RB, +PS	037 121 005C
	82-92	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	82-92	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.8 (70 kW) Eng.JH	85-92	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	85-92	**PA1104**	•		+RB, +PS	037 121 005C
	85-92	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	85-92	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C

Caddy II (9K9) '11/95-'1/04

1.4 (44 kW) Eng.AEX/AKV/APQ	95-04	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	11/95-1/04	**KP603-2**		•	Eng.AEX, Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
	11/95-1/04	**KP603-1**		•	Eng.APQ, Belt:135x19, PA603	030121005N/ NV/ NX/ T/ TX 030121008D/ DX/ J/ K,030198119A 6K0198001A
1.4 (44 kW) Eng.AUD	95-	**PA676**		•		030 121 005S,030 121 008A/ C
	11/95-1/04	**KP676-1**		•	Belt:135x19, PA676	030 121 005S,030 121 008A/ C/ CX 030 198 119B
1.4 16v (55 kW) Eng.AHW/AKQ/APE/AUA	00-04	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M

PA279	**PA579**	**PA603**	**PA609**
			Cuscietto Rinforzato Reinforced Bearing
PA674	**PA676**	**PA731**	**PA1104**
Cuscietto Rinforzato/Reinforced Bearing			
PA1105	**KP603-2**	**KP674-1**	**KP731-1**

		GRAF ref.			NOTE	Adaptable for OES
1.4 16v (55 kW) Eng.AHW/AKQ/APE/AUA	8/00-1/04	**KP674-1**		•	Belt:130x20/58x17, PA674	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.6 (53-55 kW) Eng.1F	95-00	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	95-00	**PA1104**	•		+RB, +PS	037 121 005C
	95-00	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	95-00	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (55 kW) Eng.AEE	95-00	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	11/95-9/00	**KP603-2**		•	Belt:137x19, PA603	030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ DX/ J/ K,032 198 119 6K0 198 001D
1.7 SDi (42 kW) Eng.AHB	96-00	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	96-00	**PA1104**	•		+RB, +PS	037 121 005C
	96-00	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	96-00	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 D (47 kW) Eng.1Y	95-04	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	95-04	**PA1104**	•		+RB, +PS	037 121 005C
	95-04	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	95-04	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 D (47 kW) Eng.AEF	95-04	**PA609**				028 121 004/ V/ X
1.9 SDi (47 kW) Eng.AEY/AYQ	95-04	**PA279**	•		Eng. AEY	026 121 005A/ C/ E/ G/ H,068 121 005A
	95-04	**PA1104**	•		+RB, Eng. AEY,, +PS	037 121 005C
	95-04	**PA579**			Eng. AEY, +BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	95-04	**PA731**		•	Eng. AYQ	038 121 011/ A/ AV/ AX
	95-04	**PA1105**			+RB, Eng. AEY, +BH,, +PS	026 121 010CX,037 121 010C
	11/95-1/04	**KP731-1**		•	Eng.AYQ, Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
1.9 TDi (66 kW) Eng.AHU/ALE/ALH	96-04	**PA279**	•		Eng. AHU, ALE	026 121 005A/ C/ E/ G/ H,068 121 005A
	96-04	**PA1104**	•		+RB, Eng. AHU, ALE,, +PS	037 121 005C
	96-04	**PA579**			+BH, Eng. AHU, ALE	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	96-04	**PA731**		•	Eng. ALH	038 121 011/ A/ AV/ AX
	96-04	**PA1105**			+RB, +BH, Eng. AHU, ALE, +PS	026 121 010CX,037 121 010C
	9/96-1/04	**KP731-1**		•	Eng.ALH, Belt:141x25, PA731	038 121 011/ A/ AV/ AX,038 198 119D/ E
Caddy II (9U7) Pick-Up '11/95-'2/04						
1.4 (44 kW) Eng.AEX/AKV/APQ	95-04	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
1.4 (44 kW) Eng.AUD	95-	**PA676**		•		030 121 005S,030 121 008A/ C
1.4 (55 kW) Eng.AUA	00-04	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
1.6 (53-55 kW) Eng.1F	95-04	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	95-04	**PA1104**	•		+RB, +PS	037 121 005C
	95-04	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	95-04	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 (55 kW) Eng.AEE	95-04	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
1.7 SDi (42 kW) Eng.AHB	96-04	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	96-04	**PA1104**	•		+RB, +PS	037 121 005C
	96-04	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	96-04	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 D (47 kW) Eng.1Y	95-04	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	95-04	**PA1104**	•		+RB, +PS	037 121 005C
	95-04	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	95-04	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 D (47 kW) Eng.AEF	95-04	**PA609**				028 121 004/ V/ X
1.9 SDi (47 kW) Eng.AEY/AYQ	95-04	**PA279**	•		Eng. AEY	026 121 005A/ C/ E/ G/ H,068 121 005A
	95-04	**PA1104**	•		+RB, Eng. AEY,, +PS	037 121 005C
	95-04	**PA579**			Eng. AEY, +BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX

PA279

PA579

PA674

PA731

PA758

PA878

PA879

PA904

PA947

PA1089

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

PA1137

PA1167

KP674-1

KP762-1

KP879-1

KP904-1

		GRAF ref.			NOTE	Adaptable for OES
1.9 SDi (47 kW) Eng.AEY/AYQ	95-04	**PA731**		•	Eng. AYQ	038 121 011/ A/ AV/ AX
	95-04	**PA1105**			+RB, Eng. AEY, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TDi (66 kW) Eng.AHU/ALE	96-04	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	96-04	**PA1104**	•		+RB, +PS	037 121 005C
	96-04	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	96-04	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
Caddy III (2KA, KB) '3/04-						
1.2 TSi (63 kW) Eng.CBZA	10-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.2 TSi (77 kW) Eng.CBZB	10-	**PA1167**				03F 121 004A/ B/ D/ E/ F
1.4 16v (55 kW) Eng.BCA	04-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	3/04-	**KP674-1**		•	Belt:130x20/58x17, PA674, Ch -2K6150000	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.4 16v (59 kW) Eng.BUD	06-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	5/06-	**KP674-1**		•	Belt:130x20/58x17, PA674, Ch -2K6150000	036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M,036 198 119E
1.6 (74 kW) Eng.BRY	05-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.6 (75 kW) Eng.BGU/BSE/BSF	04-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
	4/04-	**KP904-1**		•	Belt:138x23, PA904	06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q 06A 198 119,06B 121 011/ A/ B/ BV/ BX 06B 121 011C/ CV/ CX/ E/ EV/ EX/ H/ HX 06B 121 011L/ LX/ M/ MX/ N/ NX/ Q
1.6 BiFuel (75 kW) Eng.CHGA	11-	**PA904**		•		06B 121 011/ A/ B/ BV/ BX/ C/ CV/ CX/ E/ EV 06B 121 011EX/ H/ L/ M/ N/ Q
1.6 TDi (55 kW) Eng.CAYE	10-	**PA1089**		•		03L 121 011/ H
1.6 TDi (75 kW) Eng.CAYD	10-	**PA1089**		•		03L 121 011/ H
1.9 TDi (55 kW) Eng.BSU	05-	**PA879**		•		045 121 011F/ H
	9/05-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi (77 kW) Eng.BJB	04-	**PA879**		•		045 121 011F/ H
	4/04-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi 4motion (77 kW) Eng.BLS	08-	**PA879**		•		045 121 011F/ H
2.0 EcoFuel (80 kW) Eng.BSX	06-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
2.0 SDi (51 kW) Eng.BDJ/BST	04-	**PA879**		•		045 121 011F/ H
	3/04-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
2.0 TDI (125 kW) Eng.CFJA	12-	**PA1137**				03L 121 011C/ J
2.0 TDi 16v 4motion (103 kW) Eng.BMM/CFHC	07-	**PA674**		•		036 121 005B/ E/ Q/ QX/ S 036 121 008K/ L/ M
	07-	**PA878**		•	Eng. BMM	038 121 011G/ J
	07-	**PA1089**		•	Eng. CFHC	03L 121 011/ H
	07-	**KP762-1**		•	Belt:120x30, PA762	038 121 011C/ CX/ D/ DX,03L 121 011B 038 198 119A/ C
2.0 TDi 4motion (81 kW) Eng.CFHF/CLCA	10-	**PA1089**		•		03L 121 011/ H
2.0 TDi, 4motion (62 kW) Eng.CFHE	10-	**PA1089**		•		03L 121 011/ H
Crafter (2E) '4/06-						
2.0 TDi (100 kW) Eng.CKTC	11-	**PA1137**				03L 121 011C/ J
2.0 TDi (105 kW) Eng.CKUC	11-	**PA1137**				03L 121 011C/ J
2.0 TDi (120 kW) Eng.CKUB	11-	**PA1137**				03L 121 011C/ J
2.0 TDi (80 kW) Eng.CKTB	11-	**PA1137**				03L 121 011C/ J
2.5 TDi (100 kW) Eng.BJL	06-	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
2.5 TDi (120 kW) Eng.BJM	06-	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A

PA233	**PA384**	**PA422**	**PA677**
PA758	**PA879**	**KP758-1**	

		GRAF ref.			NOTE	Adaptable for OES
2.5 TDi (65 kW) Eng.BJJ	06-	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
2.5 TDi (80 kW) Eng.BJK	06-	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
Fox Van II '4/05-						
1.4 TDi (51 kW) Eng.BNM	05-	**PA879**		•		045 121 011F/ H
LT I 28-35 (281-363) '4/75-'6/96						
2.0 (55 kW) Eng.CH	75-83	**PA233**				048 121 011,060 121 011
2.4 (66 kW) Eng.DL	82-92	**PA384**		•		073 121 004V/ X,073 121 005
2.4 D (51 kW) Eng.1S/ACT	89-96	**PA422**		•		069 121 004/ V/ X,069 121 005D
2.4 D (55 kW) Eng.CP/DW	79-92	**PA422**		•		069 121 004/ V/ X,069 121 005D
2.4 i (69 kW) Eng.1E	94-96	**PA384**		•		073 121 004V/ X,073 121 005
2.4 TD (68 kW) Eng.1G	88-92	**PA422**		•		069 121 004/ V/ X,069 121 005D
2.4 TD (70 kW) Eng.ACL	92-96	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
2.4 TD (75 kW) Eng.DV	86-92	**PA422**		•		069 121 004/ V/ X,069 121 005D
2.7 D (48 kW) Eng.CG	75-80	**PA233**				048 121 011,060 121 011
LT I 40-55 (291-293-512-909) '4/75-'6/96						
2.0 (55 kW) Eng.CH	75-9/83	**PA233**				048 121 011,060 121 011
2.4 D (51 kW) Eng.1S/ACT	90-96	**PA422**		•		069 121 004/ V/ X,069 121 005D
2.4 D, 4WD (55 kW) Eng.CP/DW	78-91	**PA422**		•		069 121 004/ V/ X,069 121 005D
2.4 i (69 kW) Eng.1E	94-96	**PA384**		•		073 121 004V/ X,073 121 005
2.4 TD (68 kW) Eng.1G	88-92	**PA422**		•		069 121 004/ V/ X,069 121 005D
2.4 TD (70 kW) Eng.ACL	92-96	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
2.4 TD, 4WD (75 kW) Eng.DV	78-92	**PA422**		•		069 121 004/ V/ X,069 121 005D
2.4, 4WD (66 kW) Eng.DL	82-92	**PA384**		•		073 121 004V/ X,073 121 005
LT II 28-46 (2DX0AE, FE, 2DM) '5/96-						
2.3 (105 kW) Eng.AGL	96-	**PA677**				00A 121 010/ A
2.5 SDi (55 kW) Eng.AGX	96-	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
2.5 TDi (61 kW) Eng.BBE	96-	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
	5/01-	**KP758-1**		•	+RB, Belt:122x21/81x26,5, PA758	046 109 119/ E 074 109 119A/ B/ E/ J/ L/ P/ R 074 109 243F/ G/ J/ R 074 121 004/ A/ V/ X,074 121 005M/ N/ P 074 130 113E/ J,074 130 195/ B 074 130 245
2.5 TDi (66 kW) Eng.APA	96-	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
	5/99-	**KP758-1**		•	+RB, Belt:122x21/81x26,5, PA758	046 109 119/ E 074 109 119A/ B/ E/ J/ L/ P/ R 074 109 243F/ G/ J/ R 074 121 004/ A/ V/ X,074 121 005M/ N/ P 074 130 113E/ J,074 130 195/ B 074 130 245
2.5 TDi (70 kW) Eng.BBF	96-	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
	5/01-	**KP758-1**		•	+RB, Belt:122x21/81x26,5, PA758	046 109 119/ E 074 109 119A/ B/ E/ J/ L/ P/ R 074 109 243F/ G/ J/ R 074 121 004/ A/ V/ X,074 121 005M/ N/ P 074 130 113E/ J,074 130 195/ B 074 130 245
2.5 TDi (75 kW) Eng.AHD	96-99	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A

28 teeth pulley

PA148

PA423

30 teeth pulley

PA425

PA603

PA609

PA758

PA879

PA947

PA982

PA1010

PA1011

PA1041

PA1137

KP425-1

KP603-1

KP758-1

KP879-1

		GRAF ref.			NOTE	Adaptable for OES
2.5 TDi (75 kW) Eng.AHD	5/96-8/99	**KP758-1**		•	+RB, Belt:122x21/81x26,5, PA758	046 109 119/ E 074 109 119A/ B/ E/ J/ L/ P/ R 074 109 243F/ G/ J/ R 074 121 004/ A/ V/ X,074 121 005M/ N/ P 074 130 113E/ J,074 130 195/ B 074 130 245
2.5 TDi (80 kW) Eng.ANJ/AVR	96-	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
	5/99-	**KP758-1**		•	+RB, Belt:122x21/81x26,5, PA758	046 109 119/ E 074 109 119A/ B/ E/ J/ L/ P/ R 074 109 243F/ G/ J/ R 074 121 004/ A/ V/ X,074 121 005M/ N/ P 074 130 113E/ J,074 130 195/ B 074 130 245
2.8 TDi (116 kW) Eng.AUH/BCQ	02-	**PA1011**	•			
2.8 TDi (92 kW) Eng.AGK	97-98	**PA1010**	•			062 121 010/ A
2.8 TDi (96 kW) Eng.ATA	99-	**PA1010**	•			062 121 010/ A
Multivan V (7HM) '4/03-						
1.9 TDi (62 kW) Eng.BRR	06-	**PA879**		•		045 121 011F/ H
1.9 TDi (63 kW) Eng.AXC	03-09	**PA879**		•		045 121 011F/ H
1.9 TDi (75 kW) Eng.BRS	06-	**PA879**		•		045 121 011F/ H
	6/06-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi (77 kW) Eng.AXB	03-	**PA879**		•		045 121 011F/ H
	03-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
2.0 (85 kW) Eng.AXA	03-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
2.0 BiTDi, 4motion (132 kW) Eng.CFCA	09-	**PA1137**				03L 121 011C/ J
2.0 TDi (62 kW) Eng.CAAA	09-	**PA1137**				03L 121 011C/ J
2.0 TDi (75 kW) Eng.CAAB	09-	**PA1137**				03L 121 011C/ J
2.0 TDi (84 kW) Eng.CAAD	11-	**PA1137**				03L 121 011C/ J
2.0 TDi, 4motion (100 kW) Eng.CAAE/CCHB	10-	**PA1137**				03L 121 011C/ J
2.0 TDi, 4motion (103 kW) Eng.CAAC	09-	**PA1137**				03L 121 011C/ J
2.5 TDi (120 kW) Eng.BLJ	03-	**PA982**				070 121 011A/ C/ D
2.5 TDi, 4motion (128 kW) Eng.AXE/BPC	04-	**PA982**				070 121 011A/ C/ D
2.5 TDi, 4motion (96 kW) Eng.AXD/BNZ	04-	**PA982**				070 121 011A/ C/ D
3.2 V6 (170 kW) Eng.BDL	03-	**PA1041**		•		022 121 011/ A/ L/ V
3.2 V6, 4motion (173 kW) Eng.BKK/CFLA	04-	**PA1041**		•		022 121 011/ A/ L/ V
Polo Van I (86CF) '1/81-'9/94						
1.0 (33 kW) Eng.AAU	81-92	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
	92-94	**PA425**		•	30 Teeth pulley	030 121 004A/ B,030 121 005H/ L/ LV/ LX
	1/81-9/94	**KP425-1**		•	Belt:128x19, PA425, Eng 015868-	030121004A/ B,030121005H/ L/ LV/ LX
1.3 (40 kW) Eng.AAV	81-92	**PA148**		•	26 Teeth pulley	052 121 004/ V/ X,052 121 005/ A 052 121 019
	92-94	**PA425**		•	30 Teeth pulley	030 121 004A/ B,030 121 005H/ L/ LV/ LX
	1/81-9/94	**KP425-1**		•	Belt:128x19, PA425, Eng 015868-	030121004A/ B,030121005H/ L/ LV/ LX
1.4 D (35 kW) Eng.1W	81-94	**PA423**		•		031 121 004/ A/ AV/ AX/ X 031 121 005A/ C/ CV/ CX
Polo Van II (6NF) '10/94-						
1.0 (33 kW) Eng.AAU	94-	**PA425**		•	30 Teeth pulley	030 121 004A/ B,030 121 005H/ L/ LV/ LX
1.4 (44 kW) Eng.AEX/AKV/ANX/APQ	98-	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
	5/98-	**KP603-1**		•	Belt:135x19, PA603	030121005N/ NV/ NX/ T/ TX 030121008D/ DX/ J/ K,030198119A 6K0198001A
1.6 (55 kW) Eng.AEA	94-95	**PA603**		•		030 121 005N/ NV/ NX/ T/ TX 030 121 008D/ K
1.7 SDi (44 kW) Eng.AKU	97-	**PA609**				028 121 004/ V/ X
1.9 D (47 kW) Eng.AEF	94-	**PA609**				028 121 004/ V/ X
1.9 SDi (47 kW) Eng.AGD	96-	**PA609**				028 121 004/ V/ X

PA146	**PA279**	**PA319**	**PA320**
PA344	**PA486**	**PA546**	**PA579**
		Cuscietto Rinforzato Reinforced Bearing	Cuscietto Rinforzato/Reinforced Bearing
PA767	**PA771**	**PA1104**	**PA1105**

		GRAF ref.			NOTE	Adaptable for OES
Taro '4/89-'3/97						
1.8 (61 kW) Eng.2Y	89-94	**PA771**				J16100-79035/ 6 / 7
2.2, 4WD (69 kW) Eng.4Y	89-94	**PA771**				J16100-79035/ 6 / 7
2.4 D, 4WD (58-61 kW) Eng.2L	89-97	**PA767**				J1610059257
2.4 i, 4WD (84 kW) Eng.22R	89-97	**PA486**				J16100 39346
Transporter II '8/67-'7/79						
1.6 (37 kW) Eng.AD/AH/AS	68-79	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	68-79	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
Transporter III '5/79-'7/92						
1.6 (37 kW) Eng.CT	79-81	**PA146**				056 121 005/ A,068 121 005/ B/ C/ X
	79-81	**PA546**			+BH	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	82-12/82	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	82-12/82	**PA1104**	•		+RB, +PS	037 121 005C
	82-12/82	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	82-12/82	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.6 D (37 kW) Eng.CS	81-87	**PA279**	•		Eng 215896-	026 121 005A/ C/ E/ G/ H,068 121 005A
	81-87	**PA1104**	•		+RB, Eng 215896-, +PS	037 121 005C
	81-87	**PA146**			Eng -215895	056 121 005/ A,068 121 005/ B/ C/ X
	81-87	**PA546**			+BH, Eng -215895	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	81-87	**PA579**			+BH, Eng 215896-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	81-87	**PA1105**			+RB, +BH,, Eng 215896-, +PS	026 121 010CX,037 121 010C
1.6 TD, Syncro (51 kW) Eng.JX	84-92	**PA279**	•		Eng 012053-	026 121 005A/ C/ E/ G/ H,068 121 005A
	84-92	**PA1104**	•		+RB, Eng 012053-, +PS	037 121 005C
	84-92	**PA146**			Eng -012052	056 121 005/ A,068 121 005/ B/ C/ X
	84-92	**PA546**			+BH, Eng -012052	026 121 010A/ AV/ D/ DV/ DX 055 121 010/ X,056 121 011,056 121 013A 068 121 010
	84-92	**PA579**			+BH, Eng 012053-	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	84-92	**PA1105**			+RB, +BH,, Eng 012053-, +PS	026 121 010CX,037 121 010C
1.7 D (42 kW) Eng.KY	89-92	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	89-92	**PA1104**	•		+RB, +PS	037 121 005C
	89-92	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	89-92	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 (44 kW) Eng.DF	8/85-92	**PA320**				025 121 010B/ BV/ BX
	82-7/85	**PA319**				025 121 010A/ AV/ AX/ D
1.9 (61 kW) Eng.DH	8/85-89	**PA320**				025 121 010B/ BV/ BX
	83-7/85	**PA319**				025 121 010A/ AV/ AX/ D
1.9 (66 kW) Eng.GW	8/85-89	**PA320**				025 121 010B/ BV/ BX
	83-7/85	**PA319**				025 121 010A/ AV/ AX/ D
1.9, Syncro (44-57 kW) Eng.DF/DG	8/85-92	**PA320**				025 121 010B/ BV/ BX
	82-7/85	**PA319**				025 121 010A/ AV/ AX/ D
2.0 (51 kW) Eng.CU/CV	79-86	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	79-86	**PA1104**	•		+RB, +PS	037 121 005C
	79-86	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	79-86	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.1 i (68 kW) Eng.SS	89-92	**PA344**				025 121 010C/ CV/ CX
2.1, Syncro (64 kW) Eng.SR	86-92	**PA344**				025 121 010C/ CV/ CX
2.1, Syncro (70 kW) Eng.MV	85-92	**PA344**				025 121 010C/ CV/ CX
2.1, Syncro (82 kW) Eng.DJ	85-92	**PA344**				025 121 010C/ CV/ CX
Transporter IV (70XA/B/C/D, DB, 7DW) '7/90-'3/03						
1.8 (49 kW) Eng.PD	90-92	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A

PA279

PA424

PA579

PA617

PA758

PA879

Cuscietto Rinforzato
Reinforced Bearing

PA1104

Cuscietto Rinforzato/Reinforced Bearing

PA1105

KP758-1

KP879-1

		GRAF ref.			NOTE	Adaptable for OES
1.8 (49 kW) Eng.PD	90-92	**PA1104**	•		+RB, +PS	037 121 005C
	90-92	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-92	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 D (44-45 kW) Eng.1X	90-03	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	90-03	**PA1104**	•		+RB, +PS	037 121 005C
	90-03	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-03	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
1.9 TD (50 kW) Eng.ABL	92-03	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	92-03	**PA1104**	•		+RB, +PS	037 121 005C
	92-03	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	92-03	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.0 (62 kW) Eng.AAC	90-03	**PA279**	•			026 121 005A/ C/ E/ G/ H,068 121 005A
	90-03	**PA1104**	•		+RB, +PS	037 121 005C
	90-03	**PA579**			+BH	026 121 010/ C/ CV/ F/ FV/ FX/ V/ X 037 121 010/ A,068 121 010A/ AX
	90-03	**PA1105**			+RB, +BH,, +PS	026 121 010CX,037 121 010C
2.4 D (55 kW) Eng.AJA	97-	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
2.4 D, Syncro (57 kW) Eng.AAB	9/90-96	**PA424**		•	Eng -320128	023 121 004/ V/ X
	96-4/03	**PA758**		•	+RB, Eng 320128-	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
2.5 (81 kW) Eng.AAF/ACU	90-03	**PA424**		•	Ch -F70N014000	023 121 004/ V/ X
	90-03	**PA758**		•	+RB, Ch F70N014001-	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
2.5 (81 kW) Eng.AEN/AEU	90-03	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
2.5 (85 kW) Eng.AET/APL/AVT	96-03	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
2.5 Syncro (81 kW) Eng.AAF/ACU	90-03	**PA424**		•	Ch -F70N014000	023 121 004/ V/ X
	90-03	**PA758**		•	+RB, Ch F70N014001-	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
2.5 Syncro (81 kW) Eng.AEN/AEU	90-03	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
2.5 Syncro (85 kW) Eng.AET/APL/AVT	96-03	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
2.5 TDi (111 kW) Eng.AHY/AXG	98-	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
2.5 TDi (65 kW) Eng.AJT/AYY	98-03	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
2.5 TDi (75 kW) Eng.ACV/AUF/AYC	95-03	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
	9/95-3/03	**KP758-1**		•	+RB, Belt:122x21/81x26,5, PA758	046 109 119/ E 074 109 119A/ B/ E/ J/ L/ P/ R 074 109 243F/ G/ J/ R 074 121 004/ A/ V/ X,074 121 005M/ N/ P 074 130 113E/ J,074 130 195/ B 074 130 245
2.5 TDi Syncro (75 kW) Eng.ACV/AXL	95-03	**PA758**		•	+RB	074 121 004/ A/ F/ V/ X 074 121 005M/ N/ P,076 121 005A
	9/95-3/03	**KP758-1**		•	Eng.ACV, +RB, Belt:122x21/81x26,5, PA758	046 109 119/ E 074 109 119A/ B/ E/ J/ L/ P/ R 074 109 243F/ G/ J/ R 074 121 004/ A/ V/ X,074 121 005M/ N/ P 074 130 113E/ J,074 130 195/ B 074 130 245
2.8 V6 (150 kW) Eng.AMV	00-	**PA617**	•			021 121 004/ A
2.8 VR6 (103 kW) Eng.AES	95-00	**PA617**	•			021 121 004/ A
Transporter V (7HA/B/H/J, JD/E/L) '4/03-						
1.9 TDi (62 kW) Eng.BRR	06-	**PA879**		•		045 121 011F/ H
	1/06-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi (63 kW) Eng.AXC	03-	**PA879**		•		045 121 011F/ H
	4/03-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX

PA081

PA085

PA114

PA282

PA312

PA360

PA422

PA581

PA879

PA947

PA982

PA1041

PA1137

KP879-1

		GRAF ref.			NOTE	Adaptable for OES
1.9 TDi (75 kW) Eng.BRS	06-	**PA879**		•		045 121 011F/ H
	6/06-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
1.9 TDi (77 kW) Eng.AXB	03-	**PA879**		•		045 121 011F/ H
	4/03-	**KP879-1**		•	Belt:120x30, PA879	038 198 119A/ C,045 121 011F/ FX/ H/ HX
2.0 (85 kW) Eng.AXA	03-	**PA947**		•		06A 121 011C/ E/ F/ G/ H/ HV/ HX/ L/ LV/ LX/ T 06A 121 012/ E/ G
2.0 BiTDi, 4motion (132 kW) Eng.CFCA	09-	**PA1137**				03L 121 011C/ J
2.0 TDi (62-75-84 kW) Eng.CAAA/ B/ D	09-	**PA1137**				03L 121 011C/ J
2.0 TDi, 4motion (100 kW) Eng.CAAE/CCHB	10-	**PA1137**				03L 121 011C/ J
2.0 TDi, 4motion (103 kW) Eng.CAAC	09-	**PA1137**				03L 121 011C/ J
2.5 TDi (120 kW) Eng.BLJ	03-	**PA982**				070 121 011A/ C/ D
2.5 TDi, 4motion (128 kW) Eng.AXE/BPC	03-	**PA982**				070 121 011A/ C/ D
2.5 TDi, 4motion (96 kW) Eng.AXD/BNZ	03-	**PA982**				070 121 011A/ C/ D
3.2 V6 (170 kW) Eng.BDL	03-	**PA1041**		•		022 121 011/ A/ L/ V
3.2 V6, 4motion (173 kW) Eng.BKK/CFLA	03-	**PA1041**		•		022 121 011/ A/ L/ V

VOLVO

140 (142, 144, 145), SW '8/66-'8/75

1.8 (50-55 kW) Eng.B18A	-74	**PA085**				418327,419689,419691
1.8 S (74 kW) Eng.B18B	-74	**PA085**				418327,419689,419691
2.0 (60 kW) Eng.B20A	-74	**PA085**				418327,419689,419691
2.0 (70 kW) Eng.B20D	-74	**PA085**				418327,419689,419691
2.0 (73-74 kW) Eng.B20B	-74	**PA085**				418327,419689,419691
2.0 (85 kW) Eng.B20F	-74	**PA085**				418327,419689,419691
2.0 (91 kW) Eng.B20E	-74	**PA085**				418327,419689,419691

240 (P242, 244, 245), SW '8/74-'8/93

1.8 Eng.B17A	79-84	**PA114**				270681,275619,463425
2.0 (100 kW) Eng.B19ET	77-93	**PA114**				270681,275619,463425
2.0 (60 kW) Eng.B20A	74-76	**PA312**				1326342,270559,271275,271830,271975
2.0 (66-70-71 kW) Eng.B19A/K	77-93	**PA114**				270681,275619,463425
2.0 (75-76-77 kW) Eng.B200K	85-93	**PA312**				1326342,270559,271275,271830,271975
2.0 (82-89 kW) Eng.B200F/ E	88-93	**PA312**				1326342,270559,271275,271830,271975
2.0 SW (86 kW) Eng.B200E	85-93	**PA312**				1326342,270559,271275,271830,271975
2.1 (71-74-79 kW) Eng.B21A	75-85	**PA114**				270681,275619,463425
2.1 (90 kW) Eng.B21E	75-85	**PA114**				270681,275619,463425
2.1 SW (80 kW) Eng.B21F	75-85	**PA114**				270681,275619,463425
2.1 T. (114 kW) Eng.B21ET	75-85	**PA114**				270681,275619,463425
2.3 (81-85-86 kW) Eng.B230A/ K	84-91	**PA312**				1326342,270559,271275,271830,271975
2.3 (82-84 kW) Eng.B23A	79-84	**PA114**				270681,275619,463425
2.3 (95-98-100 kW) Eng.B23E	79-84	**PA114**				270681,275619,463425
2.3 (96 kW) Eng.B230E	84-91	**PA312**				1326342,270559,271275,271830,271975
2.3 (Exc. SW) (103 kW) Eng.B23E	79-84	**PA114**				270681,275619,463425
2.3 16v (83-85 kW) Eng.B230F	84-91	**PA312**				1326342,270559,271275,271830,271975
2.4 D (58-60 kW) Eng.D24	79-90	**PA422**		•		1257185,271613
2.7 (Exc. SW) (104 kW) Eng.B27E	79-82	**PA360**				1218158
2.8 (114 kW) Eng.B28E	80-82	**PA360**				1218158
2.8 (95 kW) Eng.B28A	81-82	**PA360**				1218158

260 (P262, 264, 265), SW '8/74-'7/82

2.7 (109 kW) Eng.B27F	78-82	**PA360**				1218158
2.7 (92 kW) Eng.B27A	79-82	**PA360**				1218158
2.7, Coupe (104 kW) Eng.B27E	79-82	**PA360**				1218158
2.8 (114 kW) Eng.B28E	80-82	**PA360**				1218158
2.8 (Exc. SW) (95 kW) Eng.B28A	80-82	**PA360**				1218158

340-360 (343, 345, 344) '8/75-'7/91

1.4 (46-47 kW) Eng.B14.3E	76-82	**PA081**			Ch -609999	3267343
	76-82	**PA581**			+BH, Ch -609999	3100979
	-91	**PA282**			Ch 610000-	3287335,3344250

PA081

PA114

PA282

PA314

PA331

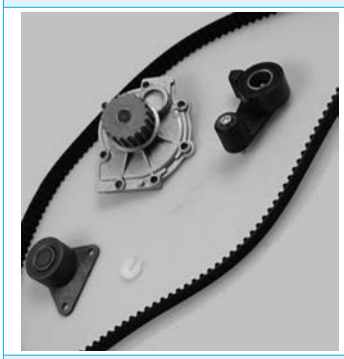
PA531

PA581

		GRAF ref.			NOTE	Adaptable for OES
1.4 (50-51-52 kW) Eng.B14.4S	76-82	**PA081**			Ch -609999	3267343
	76-82	**PA581**			+BH, Ch -609999	3100979
	-91	**PA282**			Ch 610000-	3287335,3344250
1.6 D (40 kW) Eng.D16	85-90	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.7 (59-60-67 kW) Eng.B172K	83-90	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
2.0 (65-66-68-70 kW) Eng.B19A	80-84	**PA114**			Ch -810500	270681,275619,463425
2.0 (75-77 kW) Eng.B200K	85-90	**PA314**				1336029,3344252
2.0 (80-81-82 kW) Eng.B200F/EA	85-90	**PA314**				1336029,3344252
2.0 (83-85 kW) Eng.B19E	-84	**PA331**			Ch 810501-	3283043
2.0 (85-87 kW) Eng.B200E	85-90	**PA314**				1336029,3344252
440 K (445) '8/88-'12/96						
1.6 (44-61 kW) Eng.B16/A/B/F	88-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.7 (58 kW) Eng.B18KD	88-92	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.7 (64 kW) Eng.B18K/KP	88-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.7 (70 kW) Eng.B18F	88-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.7 (75-78 kW) Eng.B18EP	88-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.7 (75 kW) Eng.B18FP	88-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.7 T. (88-90 kW) Eng.B18FT	88-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.8 (66 kW) Eng.B18U	88-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.9 TD (66 kW) Eng.D19T	94-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
2.0 (80-81 kW) Eng.B20F	88-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
460 L (464) '9/88-'7/96						
1.6 (44-61 kW) Eng.B16/A/B/F	92-63	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.7 (58 kW) Eng.B18KD	89-91	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.7 (64 kW) Eng.B18KP	88-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.7 (66 kW) Eng.B18KP	90-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.7 (70-75-78 kW) Eng.B18EP	89-92	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.7 T. (88 kW) Eng.B18FT	89-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.7 T. (90 kW) Eng.B18FT	91-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.8 (66 kW) Eng.B18U	91-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.9 TD (66 kW) Eng.D19T	94-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
2.0 (80-81 kW) Eng.B20F	92-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
480 E '4/86-'7/96						
1.7 (70 kW) Eng.B18F	87-89	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.7 (75 kW) Eng.B18EP	89-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.7 (78-80 kW) Eng.B18E	86-89	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.7 T. (88-90 kW) Eng.B18FT	87-96	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626

PA081	**PA114**	**PA312**	**PA422**
PA531	**PA581**		

		GRAF ref.			NOTE	Adaptable for OES
2.0 (80-81 kW) Eng.B20F	92-95	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
						66, SW '10/75-'11/79
1.1 DL (33 kW) Eng.B11	75-79	**PA081**				3267343
	75-79	**PA581**			+BH	3100979
1.3 GL (42 kW) Eng.B130	75-79	**PA081**				3267343
	75-79	**PA581**			+BH	3100979
						740 (744, 745) '8/83-'8/92
2.0 (100 kW) Eng.B204E	88-90	**PA312**				1326342,270559,271275,271830,271975
2.0 (110 kW) Eng.B19ET	83-84	**PA114**				270681,275619,463425
2.0 (118-120 kW) Eng.B200ET	83-90	**PA312**				1326342,270559,271275,271830,271975
2.0 (76 kW) Eng.B200K	88-90	**PA312**				1326342,270559,271275,271830,271975
2.0 (82 kW) Eng.B200F	90-92	**PA312**				1326342,270559,271275,271830,271975
2.0 (86 kW) Eng.B200E	87-88	**PA312**				1326342,270559,271275,271830,271975
2.0 (89 kW) Eng.B200G	85-92	**PA312**				1326342,270559,271275,271830,271975
2.0 T (114 kW) Eng.B200FT	90-91	**PA312**				1326342,270559,271275,271830,271975
2.3 (111-114-117 kW) Eng.B234F	87-92	**PA312**				1326342,270559,271275,271830,271975
2.3 (82 kW) Eng.B230A	85-86	**PA312**				1326342,270559,271275,271830,271975
2.3 (82 kW) Eng.B23A	84-90	**PA312**				1326342,270559,271275,271830,271975
2.3 (85 kW) Eng.B230F	87-92	**PA312**				1326342,270559,271275,271830,271975
2.3 (86 kW) Eng.B230K	85-90	**PA312**				1326342,270559,271275,271830,271975
2.3 (95-98-100 kW) Eng.B23E	83-84	**PA312**				1326342,270559,271275,271830,271975
2.3 (96 kW) Eng.B230E	84-88	**PA312**				1326342,270559,271275,271830,271975
2.3 16v (83-85 kW) Eng.B230F	85-92	**PA312**				1326342,270559,271275,271830,271975
2.3 16v (96-100 kW) Eng.B230FB	88-90	**PA312**				1326342,270559,271275,271830,271975
2.3 T. (115-121-126 kW) Eng.B230FT	86-89	**PA312**				1326342,270559,271275,271830,271975
2.3 T. (121 kW) Eng.B230FT/GT	89-90	**PA312**				1326342,270559,271275,271830,271975
2.3 T. (134 kW) Eng.B230ET	85-88	**PA312**				1326342,270559,271275,271830,271975
2.3 T. (140-121-126 kW) Eng.B230FT	89-90	**PA312**				1326342,270559,271275,271830,271975
2.4 D (60 kW) Eng.D24	84-92	**PA422**		•		1257185,271613
2.4 TD (80-83 kW) Eng.D24T	85-92	**PA422**		•		1257185,271613
2.4 TDi (85-90 kW) Eng.D24TIC	86-88	**PA422**		•		1257185,271613
						740 (744, 745) SW '8/84-'8/92
2.0 (76-80-81-82 kW) Eng.B200F/ K	88-91	**PA312**				1326342,270559,271275,271830,271975
2.0 (86-89 kW) Eng.B200E/G	85-92	**PA312**				1326342,270559,271275,271830,271975
2.0 16v (100 kW) Eng.B204E	87-90	**PA312**				1326342,270559,271275,271830,271975
2.0 T (114 kW) Eng.B200FT	90-91	**PA312**				1326342,270559,271275,271830,271975
2.0 T. (118-121 kW) Eng.B200ET	85-87	**PA312**				1326342,270559,271275,271830,271975
2.3 (111-114-117 kW) Eng.B234F	87-92	**PA312**				1326342,270559,271275,271830,271975
2.3 (82 kW) Eng.B230A	85-86	**PA312**				1326342,270559,271275,271830,271975
2.3 (86 kW) Eng.B230K	85-90	**PA312**				1326342,270559,271275,271830,271975
2.3 (96 kW) Eng.B230E	84-88	**PA312**				1326342,270559,271275,271830,271975
2.3 16v (83-85-87 kW) Eng.B230F	85-92	**PA312**				1326342,270559,271275,271830,271975
2.3 16v (96-100 kW) Eng.B230FB	88-90	**PA312**				1326342,270559,271275,271830,271975
2.3 T. (115-121-125 kW) Eng.B230FT/GT	86-90	**PA312**				1326342,270559,271275,271830,271975
2.3 T. (134 kW) Eng.B230ET	85-88	**PA312**				1326342,270559,271275,271830,271975
2.3 T. (140-126 kW) Eng.B230FT	89-90	**PA312**				1326342,270559,271275,271830,271975
2.4 D (60 kW) Eng.D24	84-92	**PA422**		•		1257185,271613
2.4 TD (80-83 kW) Eng.D24T	85-92	**PA422**		•		1257185,271613
2.4 TDi (85-90 kW) Eng.D24TIC	86-88	**PA422**		•		1257185,271613
						760 (704, 764, 765) '8/81-'7/92
2.3 (115-119 kW) Eng.B230FT	88-92	**PA312**				1326342,270559,271275,271830,271975
2.3 (84 kW) Eng.B230K	84-87	**PA312**				1326342,270559,271275,271830,271975
2.3 T. (127 kW) Eng.B23ET	82-84	**PA114**				270681,275619,463425
2.3 T. (1KP134 kW) Eng.B230ET	84-90	**PA312**				1326342,270559,271275,271830,271975
2.4 D (60 kW) Eng.D24	82-92	**PA422**		•		1257185,271613
2.4 TD (80-83 kW) Eng.D24T	87-92	**PA422**		•		1257185,271613
2.4 TDi (85-90 kW) Eng.D24TIC	87-92	**PA422**		•		1257185,271613

PA312	**PA422**	**PA1019**	**KP1019-3**
			
KP1019-4			

		GRAF ref.			NOTE	Adaptable for OES
760 (704, 764, 765) SW '8/81-'7/92						
2.3 16v (83-85 kW) Eng.B230F	86-92	**PA312**				1326342,270559,271275,271830,271975
2.3 16v (96-110 kW) Eng.B230FB	86-92	**PA312**				1326342,270559,271275,271830,271975
2.3 T (115 kW) Eng.B230FT	87-	**PA312**				1326342,270559,271275,271830,271975
2.3 T. (134 kW) Eng.B230ET	84-90	**PA312**				1326342,270559,271275,271830,271975
2.4 D (60 kW) Eng.D24	82-92	**PA422**		•		1257185,271613
2.4 TD (80-83 kW) Eng.D24T	87-92	**PA422**		•		1257185,271613
2.4 TDi (85-90 kW) Eng.D24TIC	87-92	**PA422**		•		1257185,271613
780 '8/86-'7/90						
2.4 D (90 kW) Eng.D24TIC	86-	**PA422**		•		1257185,271613
850 (LS, LW), SW '6/91-'12/96						
2.0 (93 kW) Eng.B5202S	94-96	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	8/94-12/96	**KP1019-4**		•	Belt:144x23, PA1019, Eng 131155-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,8694626,9161910/ 20,9471841 9496428,9497290
2.0 20v (105 kW) Eng.B5204F	91-96	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	6/91-12/96	**KP1019-3**		•	Belt:148x23, PA1019, Eng 131035-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.0 T (132 kW) Eng.B5204T2	93-96	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.0 T. (155 kW) Eng.B5204T/FT	93-96	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	2/93-12/96	**KP1019-3**		•	Belt:148x23, PA1019, Eng 131035-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.3 (106 kW) Eng.B5234FS	96-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.3 T R (177 kW) Eng.B5234T5	95-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.3 T5 (166 kW) Eng.B5234FT	93-96	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.3 T5-R (184 kW) Eng.B5234T4	95-96	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	8/95-12/96	**KP1019-3**		•	Belt:148x23, PA1019	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.4 AWD (142 kW) Eng.B5254T	4/96-12/96	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	4/96-12/96	**KP1019-3**		•	Belt:148x23, PA1019	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.5 (103 kW) Eng.B5252	91-94	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	6/91-7/94	**KP1019-4**		•	Belt:144x23, PA1019, Eng 131155-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,8694626,9161910/ 20,9471841 9496428,9497290
2.5 (106 kW) Eng.B5252S	94-96	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	8/94-12/96	**KP1019-4**		•	Belt:144x23, PA1019, Eng 131155-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,8694626,9161910/ 20,9471841 9496428,9497290
2.5 (125 kW) Eng.B5254S	92-96	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700

PA312

PA422

PA612

PA666

PA758

PA861

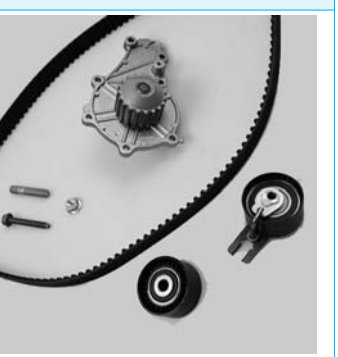
PA903

PA938

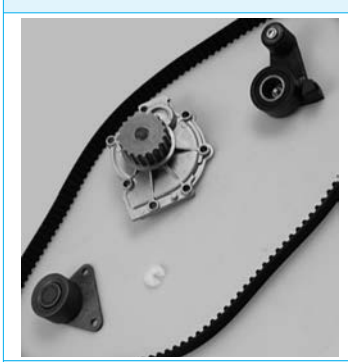
PA990

PA1019

KP861-2



KP938-1



KP1019-3

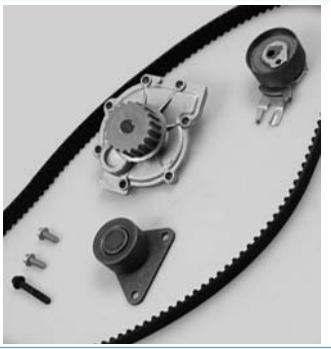
KP1019-4

		GRAF ref.			NOTE	Adaptable for OES
2.5 (125 kW) Eng.B5254S	9/92-12/96	**KP1019-4**		•	Belt:144x23, PA1019, Eng 131155-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,8694626,9161910/ 20,9471841 9496428,9497290
	9/92-12/96	**KP1019-3**		•	Belt:148x23, PA1019	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.5 TDi (103 kW) Eng.D5252T	95-96	**PA758**		•	+RB	271768,274155
940 I (944, 945), SW '8/90-'7/95						
2.0 (80-81-82-89 kW) Eng.B200E/F/G	92-94	**PA312**				1326342,270559,271275,271830,271975
2.0 T. (114 kW) Eng.B200FT	91-95	**PA312**				1326342,270559,271275,271830,271975
2.3 (111-114-118 kW) Eng.B234F	90-91	**PA312**				1326342,270559,271275,271830,271975
2.3 (85 kW) Eng.B230FD	92-94	**PA312**				1326342,270559,271275,271830,271975
2.3 (90 kW) Eng.B230E/B230G	90-94	**PA312**				1326342,270559,271275,271830,271975
2.3 16v (96-100 kW) Eng.B230FB/G	90-94	**PA312**				1326342,270559,271275,271830,271975
2.3 T. (115-121-126 kW) Eng.B230FT	90-94	**PA312**				1326342,270559,271275,271830,271975
2.3 T. (140 kW) Eng.B230FT+	91-93	**PA312**				1326342,270559,271275,271830,271975
2.4 D (60 kW) Eng.D24	90-95	**PA422**		•		1257185,271613
2.4 TD (80-83 kW) Eng.D24T	90-94	**PA422**		•		1257185,271613
2.4 TDi (85-90 kW) Eng.D24TIC	90-94	**PA422**		•	Ch -30003	1257185,271613
	90-94	**PA758**		•	+RB, Ch 30004-	271768,274155
940 II (944, 945), SW '8/94-'10/98						
2.0 T. (114 kW) Eng.B200FT	96-98	**PA312**				1326342,270559,271275,271830,271975
2.3 (85 kW) Eng.B230FD	94-95	**PA312**				1326342,270559,271275,271830,271975
2.3 16v (96-100 kW) Eng.B230FB	94-98	**PA312**				1326342,270559,271275,271830,271975
2.3 T. (115-121-126-140 kW) Eng.B230FT	94-98	**PA312**				1326342,270559,271275,271830,271975
2.3 ti (99 kW) Eng.B230FK	95-98	**PA312**				1326342,270559,271275,271830,271975
2.4 TDi (85-90 kW) Eng.D24TIC	94-98	**PA422**		•	Ch -30003	1257185,271613
	94-98	**PA758**		•	+RB, Ch 30004-	271768,274155
960 I (964, 965), SW '8/90-'7/94						
2.0 (103 kW) Eng.B204E	90-93	**PA312**				1326342,270559,271275,271830,271975
2.0 T. (140-147 kW) Eng.B204FT	90-93	**PA312**				1326342,270559,271275,271830,271975
2.3 T (121 kW) Eng.B230FT	90-93	**PA312**				1326342,270559,271275,271830,271975
2.4 TDi (85-90 kW) Eng.D24TIC	91-94	**PA422**		•	Ch -30003	1257185,271613
	91-94	**PA758**		•	+RB, Ch 30004-	271768,274155
2.9 (150 kW) Eng.B6304F/S	90-94	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	8/90-7/94	**KP1019-3**		•	Belt:148x23, PA1019	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
960 II (964, 965), SW '7/94-'12/96						
2.5 (125 kW) Eng.B6254S	94-96	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	7/94-12/96	**KP1019-3**		•	Belt:148x23, PA1019	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.9 (150 kW) Eng.B6304S	94-96	**PA666**		•		271984,2719847,272482,8694628
C30 '12/06-						
1.6 (74 kW) Eng.B4164S3	06-07	**PA612**				30711622,30735758
	07-	**PA990**		•		31219176,31330943,31368353
1.6 D (80 kW) Eng.D4164T	06-	**PA938**		•		30711527,30751971
	12/06-	**KP938-1**		•	Belt:137x25,4, PA938	30711066,30711527,30751971,30777865
1.6 D2 (84 kW) Eng.D4162T	10-	**PA938**		•		30711527,30751971
1.8 (92 kW) Eng.B4184S11/S8	06-	**PA903**				30731312,30777590,31319266,31375289
2.0 (107 kW) Eng.B4204S3/S4	06-	**PA903**				30731312,30777590,31319266,31375289
2.0 D 20v (100 kW) Eng.D4204T	06-	**PA861**		•		30725831,30788221,8653806
	06-	**KP861-2**		•	Belt:116x25, PA861	30725831,30788221,8653649,8653806

PA824

PA1019

KP1019-1



KP1019-2

KP1019-3

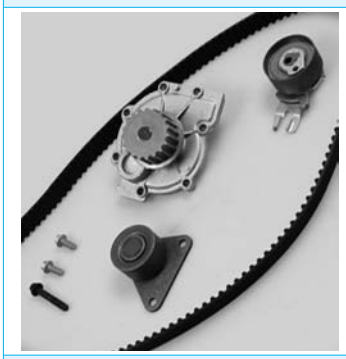
		GRAF ref.			NOTE	Adaptable for OES
2.0 D3 (110 kW) Eng.D5204T5	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 D4 (130 kW) Eng.D5204T	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 (125 kW) Eng.B5244S	06-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.4 D5 (120 kW) Eng.D5244T9	06-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5 (132 kW) Eng.D5244T8	06-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.5 T5 (162 kW) Eng.B5254T3	06-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	12/06-	**KP1019-2**		•	Belt:142x23, PA1019	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,3068443 2 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.5 T5 (169 kW) Eng.B5254T	08-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	6/08-	**KP1019-2**		•	Belt:142x23, PA1019	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,3068443 2 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
C70 I Coupe, Cabrio '3/97-'2/06						
2.0 T. (120 kW) Eng.B5204T4	00-02	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	3/00-9/02	**KP1019-1**		•	Belt:142x23, PA1019	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
2.0 T. (166 kW) Eng.B5204T3	97-02	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	3/97-9/02	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	3/97-9/02	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.0 T. Cabrio (132 kW) Eng.B5204T2	97-02	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	3/97-9/02	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	3/97-9/02	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.3 T5 (176 kW) Eng.B5234T3	97-02	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	3/97-9/02	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	3/97-9/02	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.3 T5 Cabrio (180 kW) Eng.B5234T9	02-09	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	7/02-2/06	**KP1019-1**		•	Belt:142x23, PA1019	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290

PA824

PA861

PA1019

KP1019-1



KP1019-2

KP1019-3

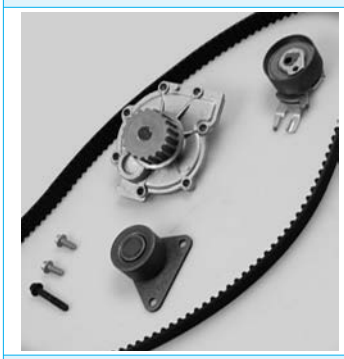
		GRAF ref.			NOTE	Adaptable for OES
2.4 T Cabrio (147 kW) Eng.B5244T7	02-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	7/02-2/06	**KP1019-1**		•	Belt:142x23, PA1019	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
2.4 T. (142 kW) Eng.B5254T	97-02	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	3/97-9/02	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	3/97-9/02	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.5 Coupe (121 kW) Eng.B5254S	99-02	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	3/99-9/02	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	3/99-9/02	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.5, Cabrio (125 kW) Eng.B5254S	99-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	11/99-9/02	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	11/99-9/02	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
C70 II Coupe, Cabrio '3/06-						
2.0 D3 (110 kW) Eng.D5204T5	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 D4 (130 kW) Eng.D5204T	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 D5 20v (100 kW) Eng.D4204T	08-	**PA861**		•		30725831,30788221,8653806
2.4 (125 kW) Eng.B5244S4	06-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	3/06-	**KP1019-2**		•	Belt:142x23, PA1019, Ch -1186	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.4 Cabrio (103 kW) Eng.B5244S59	06-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	3/06-	**KP1019-2**		•	Belt:142x23, PA1019, Ch -1186	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.4 D (120 kW) Eng.D5244T9	07-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5 Cabrio (132 kW) Eng.D5244T8	06-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.5 T5 Cabrio (162 kW) Eng.B5254T3	06-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	3/06-	**KP1019-2**		•	Belt:142x23, PA1019, Ch -1186	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290

PA085

PA732

PA1019

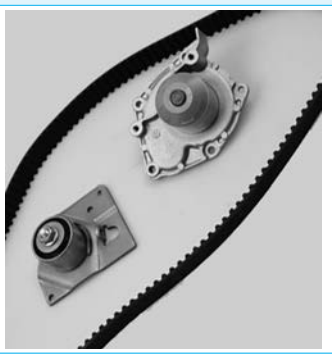
KP1019-1



KP1019-2

KP1019-3

		GRAF ref.			NOTE	Adaptable for OES
2.5 T5 Cabrio (169 kW) Eng.B5254T	07-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	3/07-	**KP1019-2**		•	Belt:142x23, PA1019, Ch -1186	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
Duett '8/61-'7/67						
1.8 (50-55 kW) Eng.B18A	61-67	**PA085**				418327,419689,419691
P 121 '5/59-'5/71						
1.8 (50-55 kW) Eng.B18A	61-66	**PA085**				418327,419689,419691
1.8 (55-59-63-76 kW) Eng.B18	67-71	**PA085**				418327,419689,419691
2.0 (60 kW) Eng.B20A	68-71	**PA085**				418327,419689,419691
P 122 S Amazon '5/59-'5/71						
1.8 (63 kW) Eng.B18	66-71	**PA085**				418327,419689,419691
1.8 (66 kW) Eng.B18D	67-71	**PA085**				418327,419689,419691
1.8 (76 kW) Eng.B18	66-71	**PA085**				418327,419689,419691
1.8, SW (55-59 kW) Eng.B18	61-67	**PA085**				418327,419689,419691
2.0 (74 kW) Eng.B20B	68-71	**PA085**				418327,419689,419691
P 2200 SW '9/64-'8/70						
1.8 (50 kW)	64-70	**PA085**				418327,419689,419691
1.8 (59 kW)	64-70	**PA085**				418327,419689,419691
1.8 (63 kW)	64-70	**PA085**				418327,419689,419691
P 544 '8/61-'7/67						
1.6 (44 kW) Eng.B16/A/B/F	61-66	**PA085**				418327,419689,419691
1.6 (61 kW) Eng.B16B	61-67	**PA085**				418327,419689,419691
1.8 (50-55 kW) Eng.B18A	61-67	**PA085**				418327,419689,419691
1.8 (59-66 kW) Eng.B18D	61-67	**PA085**				418327,419689,419691
S40 I / V40 (VW, VS) '7/95-'1/04						
1.6 (77 kW) Eng.B4164S	95-99	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	9/95-8/99	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1219111-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	9/95-8/99	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1219110	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
1.6 (80 kW) Eng.B4164S2	99-03	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	3/99-12/03	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1219111-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	3/99-12/03	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1219110	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
1.8 (85 kW) Eng.B4184S/S3	95-99	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	7/95-8/99	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1219111-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	7/95-8/99	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1219110	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
1.8 i (92 kW) Eng.B4184SM	98-04	**PA732**		•		30874316

PA531	**PA822**	**PA861**	**PA1019**
			
PA1087	**KP822-1**	**KP1019-1**	**KP1019-3**

		GRAF ref.			NOTE	Adaptable for OES
1.8, i (85-88-90 kW) Eng.B4184S2/S9/SJ	99-04	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	3/99-1/04	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1219111-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	3/99-1/04	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1219110	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
1.9 Di (70 kW) Eng.D4192T2	99-00	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
1.9 Di (75 kW) Eng.D4192T4	00-03	**PA822**		•		30620725
	00-03	**PA1087**		•	+RB	31303112
	7/00-12/03	**KP822-1**		•	Belt:132x26, PA822	274557,30620725,30621589,30777408 31303112
1.9 Di (85 kW) Eng.D4192T3	00-03	**PA822**		•		30620725
	00-03	**PA1087**		•	+RB	31303112
	7/00-12/03	**KP822-1**		•	Belt:132x26, PA822	274557,30620725,30621589,30777408 31303112
1.9 T4 (147 kW) Eng.B4194T/T2	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	5/97-7/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1219111-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	5/97-7/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1219110	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
1.9 TD (66 kW) Eng.D4192T	95-99	**PA531**				30621264,30855991,3287751,3343093,3344251 3345626
2.0 (100 kW) Eng.B4204S	95-04	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	7/95-1/04	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1219111-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	7/95-1/04	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1219110	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.0 (103 kW) Eng.B4204S	95-99	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	7/95-8/99	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1219111-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	7/95-8/99	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1219110	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.0 D (100 kW) Eng.D4204T	02-04	**PA861**		•		30725831,30788221,8653806
2.0 T. (118 kW) Eng.B4204T	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	10/97-7/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1219111-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	10/97-7/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1219110	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.0 T. (120-121 kW) Eng.B4204T3	01-03	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700

PA612

PA824

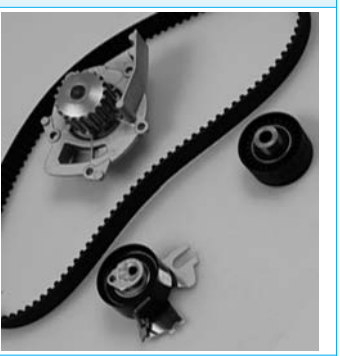
PA861

PA903

PA938

PA990

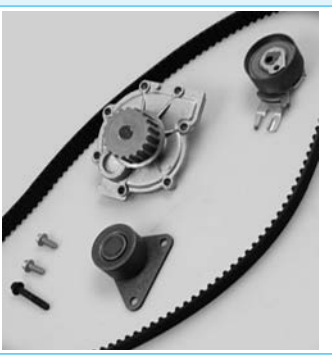
PA1019



KP861-2

KP938-1

KP1019-1

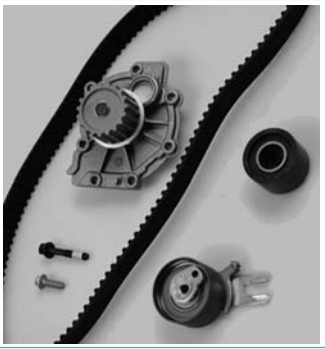


KP1019-2

		GRAF ref.			NOTE	Adaptable for OES
2.0 T. (120-121 kW) Eng.B4204T3	6/00-12/03	**KP1019-1**		•	Belt:142x23, PA1019	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
2.0 T4 (147 kW) Eng.B4204T5	00-04	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	7/00-1/04	**KP1019-1**		•	Belt:142x23, PA1019	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
S40 II / V50 (MW, MS) '1/04-						
1.6 (74 kW) Eng.B4164S3	05-06	**PA612**				30711622,30735758
	07-	**PA990**		•		31219176,31330943,31368353
1.6 D (80 kW) Eng.D4164T	05-	**PA938**		•		30711527,30751971
	05-	**KP938-1**		•	Belt:137x25,4, PA938	30711066,30711527,30751971,30777865
1.6 D2 (84 kW) Eng.D4162T	10-	**PA938**		•		30711527,30751971
1.8 (92 kW) Eng.B4184S11/S8	04-	**PA903**				30731312,30777590,31319266,31375289
2.0 (107 kW) Eng.B4204S3/S4	08-	**PA903**				30731312,30777590,31319266,31375289
2.0 D 20v (100 kW) Eng.D4204T	04-	**PA861**		•		30725831,30788221,8653806
	04-	**KP861-2**		•	Belt:116x25, PA861	30725831,30788221,8653649,8653806
2.0 D3 (110 kW) Eng.D5204T5	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 D4 (130 kW) Eng.D5204T	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 D4 (96 kW) Eng.D4204T2	05-	**PA861**		•		30725831,30788221,8653806
2.4 (103 kW) Eng.B5244S5	04-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	4/04-	**KP1019-2**		•	Belt:142x23, PA1019, Ch -202464/206721	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.4 D5 (132 kW) Eng.D5244T8	07-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 TDi (120 kW) Eng.D5244T9	07-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4, AWD (125 kW) Eng.B5244S	04-	**PA1019**		•	Exc. V50	271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/04-	**KP1019-2**		•	Belt:142x23, PA1019, Ch -202464/206721	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.5 T5 (162 kW) Eng.B5254T3	04-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	4/04-	**KP1019-2**		•	Belt:142x23, PA1019, Ch -202464/206721	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.5 T5 AWD (162 kW) Eng.B5254T3	04-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	4/04-	**KP1019-2**		•	Belt:142x23, PA1019, Ch -202464/206721	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.5i T5, AWD (169 kW) Eng.B5254T7	08-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	6/08-	**KP1019-2**		•	Belt:142x23, PA1019, Ch -202464/206721	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
S60 I '11/00-'3/10						
2.0 T. (132 kW) Eng.B5204T5	01-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700

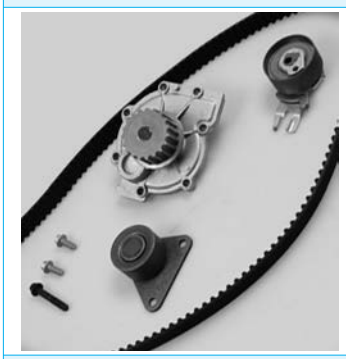
PA824

PA1019



KP824-1

KP1019-1



KP1019-2

		GRAF ref.			NOTE	Adaptable for OES
2.0 T. (132 kW) Eng.B5204T5	9/01-	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	9/01-	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.3 T5 (184 kW) Eng.B5234T3	00-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	11/00-	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	11/00-	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.3 T5 (195 kW) Eng.B5234T7	00-02	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.4 (125 kW) Eng.B5244S	00-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	11/00-	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	11/00-	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.4 (132 kW) Eng.B5244T4	05-06	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.4 D (90 kW) Eng.D5244T6	05-06	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D (93 kW) Eng.D5244T	05-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D (96 kW) Eng.D5244T2	01-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5 (120 kW) Eng.D5244T5	01-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
	7/01-	**KP824-1**		•	Belt:132x28, PA824	274216,31258305,8694629,8694630
2.4 D5 (136 kW) Eng.D5244T4	05-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 T. (147 kW) Eng.B5244T3	00-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	11/00-	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	11/00-	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.4 T. AWD (147 kW) Eng.B5244T3	01-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	11/01-	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	11/01-	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.4 T5 (184-191 kW) Eng.B5244T5	04-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700

PA824

PA903

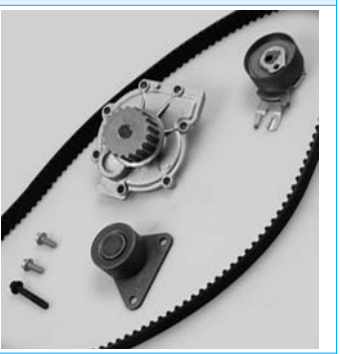
PA938

PA990

PA1019

PA1139

KP1019-1

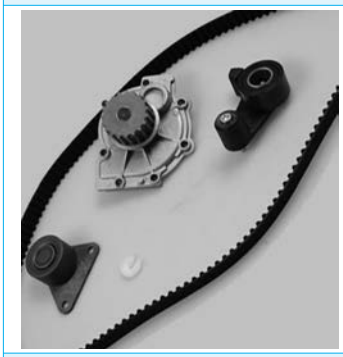


KP1019-2

		GRAF ref.			NOTE	Adaptable for OES
2.4 T5 (184-191 kW) Eng.B5244T5	4/04-	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	4/04-	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.4, Bifuel (103 kW) Eng.B5244S2/SG	00-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	11/00-	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	11/00-	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.5 T. (154 kW) Eng.B5254T2	04-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	2/04-	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	2/04-	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.5 T. AWD (154 kW) Eng.B5254T2	04-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	4/04-	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	4/04-	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.5 T. AWD (221-224 kW) Eng.B5254T4	03-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	3/03-	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	3/03-	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
						S60 II '4/10-
1.6 D2 (84 kW) Eng.D4162T	11-	**PA938**		•		30711527,30751971
1.6 T3 (110 kW) Eng.B4164T3	10-	**PA990**		•		31219176,31330943,31368353
1.6 T4 (132 kW) Eng.B4164T	10-	**PA990**		•		31219176,31330943,31368353
2.0 D3 (100 kW) Eng.D5204T7	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 D4 (120 kW) Eng.D5204T2	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 T (149 kW) Eng.B4204T6	10-	**PA903**				30731312,30777590,31319266,31375289
2.0 T5 (176 kW) Eng.B4204T7	10-	**PA903**				30731312,30777590,31319266,31375289
2.4 D5, AWD (151 kW) Eng.D5244T10	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5, AWD (158 kW) Eng.D5244T11/D5244T15	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
3.0 T6 AWD (224 kW) Eng.B6304T4	10-	**PA1139**				31293303

PA1019	**KP1019-1**	**KP1019-3**	**KP1019-4**

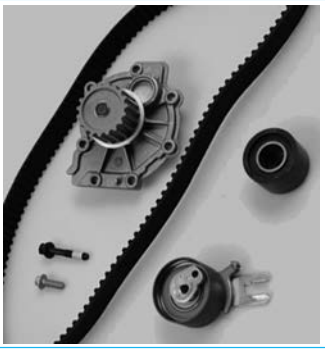
		GRAF ref.			NOTE	Adaptable for OES
						S70 '1/97-'11/00
2.0 (93 kW) Eng.B5202S	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-11/00	**KP1019-4**		•	Belt:144x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,8694626,9161910/ 20,9471841 9496428,9497290
2.0 20v (105 kW) Eng.B5204F	97-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-11/00	**KP1019-4**		•	Belt:144x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,8694626,9161910/ 20,9471841 9496428,9497290
2.0 T. (120 kW) Eng.B5204T4	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-11/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/97-11/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.0 T. (132 kW) Eng.B5204T2	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-11/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/97-11/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.0 T. (155 kW) Eng.B5204T	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-11/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/97-11/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.0 T. (166 kW) Eng.B5204T3	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-11/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/97-11/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.3 (195 kW) Eng.B5234T7	4/99-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	4/99-9/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	4/99-9/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.3 T. (184 kW) Eng.B5234FT+	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700

PA758	**PA1019**	**KP1019-1**	**KP1019-3**
			
KP1019-4			

		GRAF ref.			NOTE	Adaptable for OES
2.3 T5 (176 kW) Eng.B5234T3	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-11/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/97-11/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.4 (125 kW) Eng.B5254S	97-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-11/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/97-11/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.4 AWD (125 kW) Eng.B5244S	99-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.4 T. (142 kW) Eng.B5254T	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-11/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/97-11/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.4, AWD (121 kW) Eng.B5254S	98-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	6/98-11/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	6/98-11/00	**KP1019-4**		•	Belt:144x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,8694626,9161910/ 20,9471841 9496428,9497290
2.4, AWD, Bifuel (103 kW) Eng.B5244S2/SG	99-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	7/99-11/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	7/99-11/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.4, AWD, Bifuel (106 kW) Eng.GB/B5252S/FS	98-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	10/98-11/00	**KP1019-4**		•	Belt:144x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,8694626,9161910/ 20,9471841 9496428,9497290
2.5 TDi, AWD (103 kW) Eng.D5252T	97-00	**PA758**		•	+RB	271768,274155
						S80 I (TS, XY) '5/98-'7/06
2.0 T. (120 kW) Eng.B5204T4	98-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700

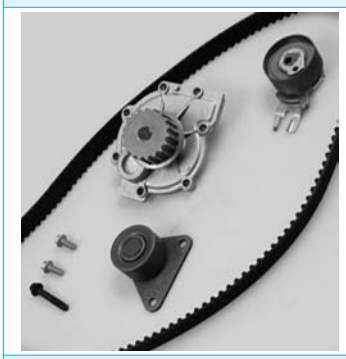
PA824

PA1019



KP824-1

KP1019-1



KP1019-2

		GRAF ref.			NOTE	Adaptable for OES
2.0 T. (120 kW) Eng.B5204T4	6/98-7/06	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	6/98-7/06	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.0 T. (132 kW) Eng.B5204T5	99-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	12/99-7/06	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	12/99-7/06	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.0 T. (166 kW) Eng.B5204T3	98-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	6/98-7/06	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	6/98-7/06	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.3 R (195 kW) Eng.B5234T7	00-05	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	4/00-8/05	**KP1019-2**		•	Belt:142x23, PA1019	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.3 T5 (176 kW) Eng.B5234T3	99-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.4 (125 kW) Eng.B5244S	99-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/99-7/06	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/99-7/06	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.4 D (96 kW) Eng.D5244T2	01-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
	10/01-7/06	**KP824-1**		•	Belt:132x28, PA824	274216,31258305,8694629,8694630
2.4 D5 (120 kW) Eng.D5244T	01-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
	8/01-7/06	**KP824-1**		•	Belt:132x28, PA824	274216,31258305,8694629,8694630
2.4 LTP (132 kW) Eng.B5244T4	04-06	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.4 T5 (147 kW) Eng.B5244T3	00-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	6/00-7/06	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	6/00-7/06	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.4 T5 AWD (147 kW) Eng.B5254T3	00-03	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700

PA758

PA824

PA861

PA865

PA898

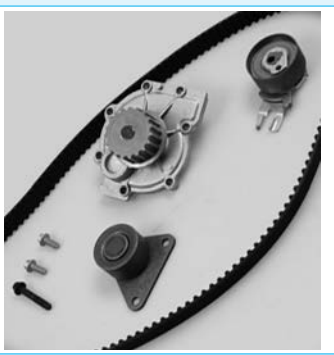
PA903

PA938

PA990

PA1019

KP1019-1



KP1019-2

		GRAF ref.			NOTE	Adaptable for OES
2.4 T5 AWD (147 kW) Eng.B5254T3	4/00-9/03	**KP1019-2**		•	Belt:142x23, PA1019	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.4, Bifuel (103 kW) Eng.B5244S2/SG2	99-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/99-7/06	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/99-7/06	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.5 T., AWD (154 kW) Eng.B5254T2	03-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	7/03-7/06	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	7/03-7/06	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.5 TDi (103 kW) Eng.D5252T	1/03-	**PA898**		•		8692839
	99-12/02	**PA758**		•	+RB	271768,274155
2.8 T6 (200 kW) Eng.B6284T	02-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
	5/98-02	**PA865**		•		272334,8694627
2.9 (147 kW) Eng.B6294S	02-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
	3/99-02	**PA865**		•		272334,8694627
2.9 (150 kW) Eng.B6304S3	02-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
	5/98-02	**PA865**		•		272334,8694627
3.0 (144 kW) Eng.B6294S2	01-02	**PA865**		•		272334,8694627
	02-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
3.0 T6 (200 kW) Eng.B6294T	01-02	**PA865**		•		272334,8694627
	02-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
S80 II (AS) '3/06-						
1.6 D Drive (80 kW) Eng.D4164T	10-	**PA938**		•		30711527,30751971
1.6 D2 (84 kW) Eng.D4162T	11-	**PA938**		•		30711527,30751971
1.6 T4 (132 kW) Eng.B4164T	10-	**PA990**		•		31219176,31330943,31368353
2.0 (107 kW) Eng.B4204S3	08-	**PA903**				30731312,30777590,31319266,31375289
2.0 D3 (100 kW) Eng.D5204T7	12-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 D4 (120 kW) Eng.D5204T2	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 T. (149 kW) Eng.B4204T6	10-	**PA903**				30731312,30777590,31319266,31375289
2.0 T5 (177 kW) Eng.B4204T7	10-	**PA903**				30731312,30777590,31319266,31375289
2.0 TD 20v (100 kW) Eng.D4204T	07-	**PA861**		•		30725831,30788221,8653806
2.4 D (120 kW) Eng.D5244T5	06-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D (129 kW) Eng.D5244T14	09-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5, AWD (136 kW) Eng.D5244T4	06-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5, AWD (151 kW) Eng.D5244T10	09-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5, AWD (158 kW) Eng.D5244T15/D5244T15	11-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.5 T. (147 kW) Eng.B5254T6/T8	06-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700

PA666

PA824

PA903

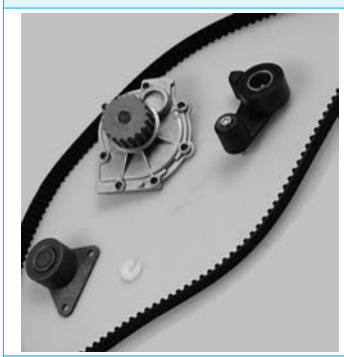
PA938

PA990

PA1019

PA1111

PA1139



KP1019-4

		GRAF ref.			NOTE	Adaptable for OES
2.5 T. (170 kW) Eng.B5254T10	09-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
3.0 T6 AWD (210 kW) Eng.B6304T		**PA1139**			Ch 134001-	31293303
3.0 T6 AWD (224 kW) Eng.B6304T4	10-	**PA1139**				31293303
3.2, AWD (179 kW) Eng.B6324S5	10-	**PA1139**				31293303
4.4 V8 (232 kW) Eng.B8444S	06-	**PA1111**				30731384
						S90 '1/97-'5/98
2.5 (125 kW) Eng.B6254FS	97-98	**PA666**		•		271984,2719847,272482,8694628
2.5 (132 kW) Eng.B6244FS	97-	**PA666**		•		271984,2719847,272482,8694628
2.9 (132 kW) Eng.B6304S2	97-98	**PA666**		•		271984,2719847,272482,8694628
2.9 (150 kW) Eng.B6304G	97-98	**PA666**		•		271984,2719847,272482,8694628
						V40 III '5/12-
1.6 D2 (84 kW) Eng.D4162T	12-	**PA938**		•		30711527,30751971
1.6 T2 GTDi (88 kW) Eng.B4164T4	13-	**PA990**		•		31219176,31330943,31368353
1.6 T3 (110 kW) Eng.B4164T3	12-	**PA990**		•		31219176,31330943,31368353
1.6 T4 (132 kW) Eng.B4164T	12-	**PA990**		•		31219176,31330943,31368353
2.0 D3 (110 kW) Eng.D5204T6	12-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 D4 (130 kW) Eng.D5204T4	12-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 T4, AWD (132 kW) Eng.B5204T8	13-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.0 T5, AWD (157 kW) Eng.B5204T9	13-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.5 T5, AWD (187 kW) Eng.B5254T12	12-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
						V40 III crossover '12/12-
1.6 D2 (84 kW) Eng.D4162T	12-	**PA938**		•		30711527,30751971
1.6 T4 (132 kW) Eng.B4164T	12-	**PA990**		•		31219176,31330943,31368353
2.0 D3 (110 kW) Eng.D5204T6	12-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 D4 (130 kW) Eng.D5204T4	12-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.5 T5 (187 kW) Eng.B5254T12	12-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
						V60 '4/10-
1.6 D2 (84 kW) Eng.D4162T	11-	**PA938**		•		30711527,30751971
1.6 T3 (110 kW) Eng.B4164T3	10-	**PA990**		•		31219176,31330943,31368353
1.6 T4 (132 kW) Eng.B4164T	10-	**PA990**		•		31219176,31330943,31368353
2.0 D3 (100 kW) Eng.D5204T7	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 D4, AWD (120 kW) Eng.D5204T2	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 T (149 kW) Eng.B4204T6	10-	**PA903**				30731312,30777590,31319266,31375289
2.0 T5 (176 kW) Eng.B4204T7	10-	**PA903**				30731312,30777590,31319266,31375289
2.4 D5 (120 kW) Eng.D5244T17	12-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5, AWD (151 kW) Eng.D5244T10	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5, AWD (158 kW) Eng.D5244T11/D5244T15	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 Hybrid (158 kW) Eng.D5244T15	12-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
3.0 T6 AWD (224 kW) Eng.B6304T4	10-	**PA1139**				31293303
						V70 I SW (LV) '1/97-'3/00
2.0 (93 kW) Eng.B5202S	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-3/00	**KP1019-4**		•	Belt:144x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,8694626,9161910/ 20,9471841 9496428,9497290

PA1019	**KP1019-1**	**KP1019-3**	

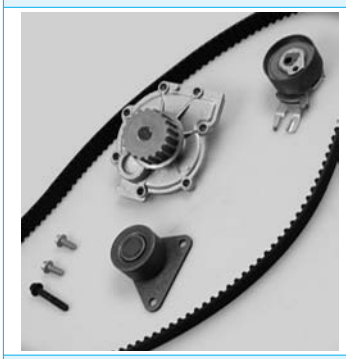
		GRAF ref.			NOTE	Adaptable for OES
2.0 20v (105 kW) Eng.B5204F	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-3/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/97-3/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.0 T. (120 kW) Eng.B5204T4	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-3/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/97-3/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.0 T. (132 kW) Eng.B5204T2	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-3/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/97-3/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.0 T. (155 kW) Eng.B5204T	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-3/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/97-3/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.0 T., AWD (166 kW) Eng.B5204T3	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-3/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/97-3/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.3 AWD (195 kW) Eng.B5234T7/8	98-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.3 T., AWD (184 kW) Eng.B5234FT+	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.3 T5, AWD (176 kW) Eng.B5234T3	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-3/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/97-3/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.4, Bifuel (103 kW) Eng.B5244SG/GB5244SG	99-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700

PA758

PA898

PA1019

KP1019-1



KP1019-2

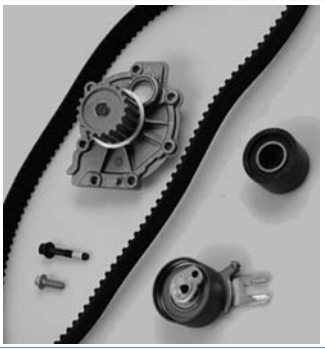
KP1019-3

KP1019-4

		GRAF ref.			NOTE	Adaptable for OES
2.4, Bifuel (103 kW) Eng.B5244SG/GB5244SG	8/99-3/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	8/99-3/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.5 (121 kW) Eng.B5254S	98-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	6/98-3/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	6/98-3/00	**KP1019-4**		•	Belt:144x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,8694626,9161910/ 20,9471841 9496428,9497290
2.5 (125 kW) Eng.B5254S	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-3/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/97-3/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.5 AWD (195 kW) Eng.B5244T2	99-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.5 T., AWD (142 kW) Eng.B5254T	97-00	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	1/97-3/00	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	1/97-3/00	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.5 TDi (103 kW) Eng.D5252T	97-00	**PA898**		•	18 teeth pulley	8692839
	97-00	**PA758**		•	+RB, 20 teeth pulley	271768,274155
2.5, Bifuel (106 kW) Eng.GB/B5252S	98-99	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	10/98-8/99	**KP1019-4**		•	Belt:144x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,8694626,9161910/ 20,9471841 9496428,9497290
						V70 II SW (SW) '3/00-'6/07
2.0 T. (132 kW) Eng.B5204T2	01-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	7/01-6/07	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	7/01-6/07	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.3 (195 kW) Eng.B5234T7	00-04	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	10/00-9/04	**KP1019-2**		•	Belt:142x23, PA1019	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290

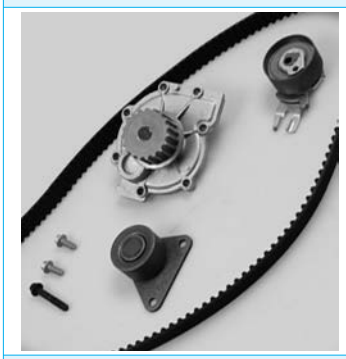
PA824

PA1019



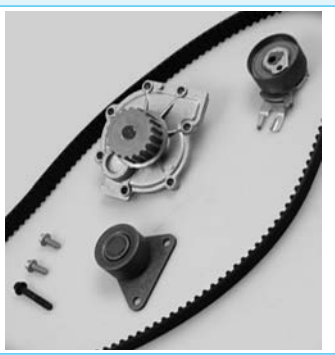
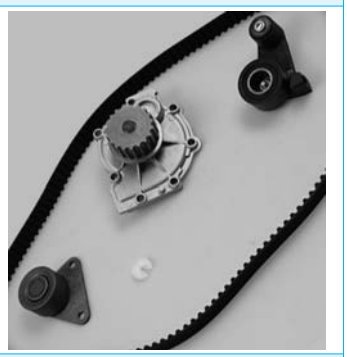
KP824-1

KP1019-1



KP1019-2

		GRAF ref.			NOTE	Adaptable for OES
2.3 T5 (184 kW) Eng.B5234T4	00-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	3/00-6/07	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	3/00-6/07	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.4 (125 kW) Eng.B5244S2	00-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	3/00-6/07	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	3/00-6/07	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.4 AWD (121 kW) Eng.B5254S	00-03	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.4 D (93 kW) Eng.D5244T	05-07	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D (96 kW) Eng.D5244T2	01-07	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
	12/01-6/07	**KP824-1**		•	Belt:132x28, PA824	274216,31258305,8694629,8694630
2.4 D5, AWD (120 kW) Eng.D5244T	03-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
	3/03-6/07	**KP824-1**		•	Belt:132x28, PA824	274216,31258305,8694629,8694630
2.4 D5, AWD (136 kW) Eng.D5244T4	05-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 T. AWD (147 kW) Eng.B5244T3	01-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	9/01-6/07	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	9/01-6/07	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.4 T5 (191 kW) Eng.B5244T5	04-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	4/04-6/07	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	4/04-6/07	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.4, Bifuel (103 kW) Eng.B5244SG	01-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	9/01-6/07	**KP1019-1**		•	Belt:142x23, PA1019, Eng 1266128-	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	9/01-6/07	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	9/01-6/07	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290

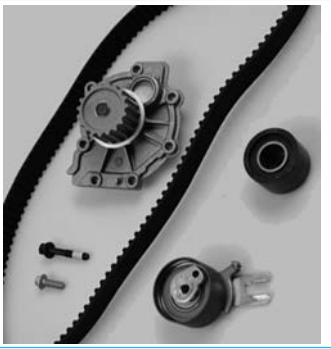
PA666	**PA824**	**PA861**	**PA898**
PA903	**PA938**	**PA990**	**PA1019**
			
PA1139	**KP1019-1**	**KP1019-2**	**KP1019-3**

		GRAF ref.			NOTE	Adaptable for OES
2.4, Bifuel (103 kW) Eng.B5244SG	9/01-6/07	**KP1019-3**		•	Belt:148x23, PA1019, Eng -1266127	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758260,8610041,8694626 9161910/ 20,9471841,9496428,9497290
2.5 T. AWD R (221 kW) Eng.B5254T4	03-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	3/03-6/07	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	3/03-6/07	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.5 T., AWD (154 kW) Eng.B5254T2	02-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	9/02-6/07	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	9/02-6/07	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.5 TDi (103 kW) Eng.D5252T	00-	**PA898**		•		8692839
V70 III SW (BW) '7/07-						
1.6 D (80 kW) Eng.D4164T	10-	**PA938**		•		30711527,30751971
1.6 D2 (84 kW) Eng.D4162T	11-	**PA938**		•		30711527,30751971
1.6 T4 (132 kW) Eng.B4164T	10-	**PA990**		•		31219176,31330943,31368353
2.0 (107 kW) Eng.B4204S3	08-	**PA903**				30731312,30777590,31319266,31375289
2.0 D 20v (100 kW) Eng.D4204T	07-	**PA861**		•		30725831,30788221,8653806
2.0 D3 (100 kW) Eng.D5204T7	12-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 D4, AWD (120 kW) Eng.D5204T2/T3	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D (129 kW) Eng.D5244T14	09-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D4 AWD (120 kW) Eng.D5244T5	07-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5 (136 kW) Eng.D5244T4	07-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5, AWD (151 kW) Eng.D5244T10	09-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5, AWD (158 kW) Eng.D5244T11/D5244T15	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.5 T. (147 kW) Eng.B5254T6	07-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
2.5 T. (170 kW) Eng.B5254T10	09-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
3.0 T6 AWD (224 kW) Eng.B6304T4	10-	**PA1139**			Ch 167001-	31293303
V90 SW '1/97-'12/98						
2.5 (125 kW) Eng.B6254FS	97-98	**PA666**		•		271984,2719847,272482,8694628
2.9 (132 kW) Eng.B6304S2	97-98	**PA666**		•		271984,2719847,272482,8694628
2.9 (150 kW) Eng.B6304G	97-98	**PA666**		•		271984,2719847,272482,8694628
XC60 '7/08-						
2.0 D3 (100 kW) Eng.D5204T7	12-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 D3 (120 kW) Eng.D5204T2	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.0 T (149 kW) Eng.B4204T6	10-	**PA903**				30731312,30777590,31319266,31375289
2.0 T5 (177 kW) Eng.B4204T7	10-	**PA903**				30731312,30777590,31319266,31375289
2.4 D (129 kW) Eng.D5244T14	09-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30

PA824

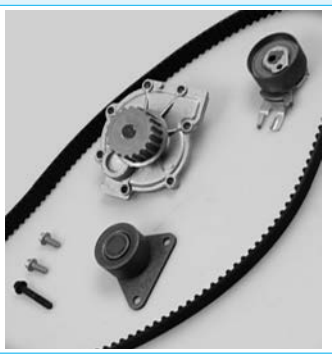
PA1019

PA1139



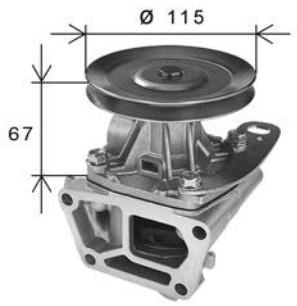
KP824-1

KP1019-1



KP1019-2

		GRAF ref.			NOTE	Adaptable for OES
2.4 D4 (120 kW) Eng.D5244T5/T16	08-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5 (136 kW) Eng.D5244T4	08-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5 (151 kW) Eng.D5244T10	09-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5 (158 kW) Eng.D5244T11	11-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
3.0 T6 (210 kW) Eng.B6304T2	08-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
3.0 T6 AWD (224 kW) Eng.B6304T4	10-	**PA1139**				31293303
3.2 AWD (175 kW) Eng.B6324S	09-	**PA1139**			Ch 135000-	31293303
3.2 AWD (179 kW) Eng.B6324S5	10-	**PA1139**				31293303
XC70 I Cross Country '9/00-'6/07						
2.4 D5 AWD (120 kW) Eng.D5244T	02-06	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
	9/02-6/07	**KP824-1**		•	Belt:132x28, PA824	274216,31258305,8694629,8694630
2.4 D5 AWD (136 kW) Eng.D5244T4	05-07	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
	12/05-6/07	**KP824-1**		•	Belt:132x28, PA824	274216,31258305,8694629,8694630
2.4 T. AWD (147 kW) Eng.B5244T3	00-02	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	9/00-9/02	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	9/00-9/02	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
2.5 T. AWD (154 kW) Eng.B5254T2	02-	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	9/02-6/07	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	9/02-6/07	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
XC70 II Cross Country '7/07-						
2.0 D4 (120 kW) Eng.D5204T2	10-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D (129 kW) Eng.D5244T14	09-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D4 AWD (120 kW) Eng.D5244T5	07-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5 (136 kW) Eng.D5244T4	07-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5 AWD (158 kW) Eng.D5244T11/D5244T15	11-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5, AWD (151 kW) Eng.D5244T10	09-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
3.0 T6, AWD (224 kW) Eng.B6304T4	10-	**PA1139**				31293303
XC70 III Polar '1/14-						
2.4 D4 (133 kW) Eng.D5244T12	14-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5 (158 kW) Eng.D5244T11,D5244T15	14-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
XC90 '10/02-						
2.4 D4 (120 kW)	12-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30



PA054

PA088

PA554

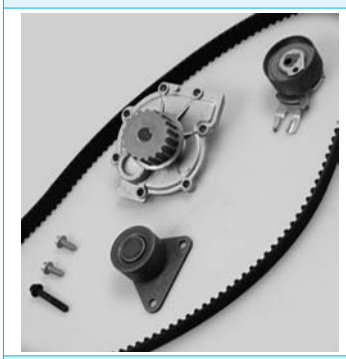
PA824

PA1019

PA1111

KP824-1

KP1019-1



KP1019-2

		GRAF ref.			NOTE	Adaptable for OES
2.4 D5 (120 kW) Eng.D5244T	02-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
	10/02-	**KP824-1**		•	Belt:132x28, PA824	274216,31258305,8694629,8694630
2.4 D5 (120 kW) Eng.D5244T5	09-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5 (147 kW) Eng.D5244T18	11-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5 AWD (136 kW) Eng.D5244T4	05-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.4 D5 AWD (158 kW) Eng.D5244T11/D5244T15	11-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
2.5 T. (154 kW) Eng.B5254T2	02-06	**PA1019**		•		271647,271855,271985/ 6,272457,272474/ 6 272481,30684432,30751700
	10/02-	**KP1019-1**		•	Belt:142x23, PA1019, Eng -3188688	271647,271985/ 6,272457,272474/ 6,272481 272954,30650751,306508034,30684432 30751700,30758261,8610040,8694626 9161910/ 20,9471841,9496428,9497290
	10/02-	**KP1019-2**		•	Belt:142x23, PA1019, Eng 3188689-	271647,271985/ 6,272457,272474/ 6,272481 272954,274518,30650751,306508034,30684432 30731727,30751700,8694626,9161910/ 20 9471841,9496428,9497290
3.0 T6 (200 kW) Eng.B6294T	02-	**PA824**		•		274216,30751022,31293177,31293668 8694629/ 30
4.4 V8 (232 kW) Eng.B8444S	05-	**PA1111**				30731384

ZASTAVA

101 (1100) '6/73-'12/93

1.1 (37 kW) Eng.128A.000	75-80	**PA554**	•			5882695
	75-80	**PA054**			+BH	5882695
1.1 (40 kW) Eng.128A.000	73-90	**PA554**	•			5882695
	73-90	**PA054**			+BH	5882695
1.1 (41 kW) Eng.128A.064	75-93	**PA554**	•			5882695
	75-93	**PA054**			+BH	5882695
1.1 Super (47 kW) Eng.128AC.5000	79-81	**PA554**	•			5882695
	79-81	**PA054**			+BH	5882695
1.3 (48 kW) Eng.128A.6064	81-93	**PA554**	•			5882695
	81-93	**PA054**			+BH	5882695

311 Van '1/83-'1/93

All models	81-90	**PA554**	•			5882695
	81-90	**PA054**			+BH	5882695

Yugo 45/55/65 '4/80-'6/95

0.9 (33 kW) Eng.100GL/064	80-92	**PA088**				4471378
1.1 60 EFI (44 kW) Eng.11E1.064	91-95	**PA554**	•			5882695
	91-95	**PA054**			+BH	5882695
1.3 65 EFI (48 kW) Eng.13E1.064	91-95	**PA554**	•			5882695

ALFA ROMEO

Adaptable to	GRAF ref.
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105260702400	PA051
105440702400	PA051
105480702400	PA086
113050702400	PA557
113050702401	PA557
116080702400	PA171
116080702401	PA171
116080702402	PA171
116090702400	PA171
116460702400	PA306
116550702400	PA257
117010702400	PA557
119000702402	PA306
162060702401	PA453
162060702402	PA453
195150702400	PA306
195150702401	PA306
195320702402	PA346
195360702400	PA381
195510702400	PA345
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46520401	PA866
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46791189	KP1085-3
46804051	PA1085
46804051	KP1085-1
46804051	KP1085-2
46804051	KP1085-3
46815125	PA1083
510485	PA098
532912	PA101
546329	PA528
547815	PA101
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55184081	PA866
55186602	PA866
55187100	KP672-2
55191315	KP672-2
55191315	KP1085-3
55192323	KP672-2
55192323	KP1085-3
55192896	KP672-2
55192898	PA673
55198357	PA673
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55205557	PA866
55209993	PA1085
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55212159	KP672-2
55212159	KP1085-3
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55233943	PA1155
5973319	PA293
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60513151	PA346
60513470	PA345
60513608	PA347
60518083	PA557
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60533509	PA453
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60534758	PA381
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60537381	PA528
60555345	PA306
60555347	PA346
60555348	PA346
60555999	PA347
60558613	PA528
60559067	PA492
60561800	PA346
60561806	PA453
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60564004	PA420A
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60565229	PA345
60565727	PA101
60579797	PA492
60585358	PA494
60585362	PA494
60586222	PA621
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60586467	PA101
60597487	PA494
60604181	PA673
60608898	PA631
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60624553	PA101
60630271	PA673
60668486	PA892
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60712573	PA051
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60725766	PA171
60730469	PA257
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60778982	PA802
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ALFA ROMEO LCV

Adaptable to	GRAF ref.
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4754850	PA178
4764761	PA178
7301300	PA275
7303009	PA178
7303030	PA275

AUDI

Adaptable to	GRAF ref.
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022 121 011A	PA1041
022 121 011L	PA1041
022 121 011V	PA1041
026 121 005A	PA279
026 121 005C	PA279
026 121 005E	PA279
026 121 005F	PA679
026 121 005G	PA279
026 121 005H	PA279
026 121 005K	PA679
026 121 005L	PA679
026 121 010	PA579
026 121 010A	PA546
026 121 010AV	PA546
026 121 010C	PA579
026 121 010CV	PA579
026 121 010CX	PA1105
026 121 010D	PA546
026 121 010DV	PA546
026 121 010DX	PA546
026 121 010F	PA579
026 121 010FV	PA579
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026 121 010V	PA579
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028 121 004V	PA609
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034 121 005D	PA383
035 121 004	PA103
035 121 004A	PA103
035 121 004AV	PA103
035 121 004AX	PA103
035 121 005E	PA103
036 121 005B	PA674
036 121 005B	KP674-1
036 121 005E	PA674
036 121 005E	KP674-1
036 121 005EX	KP674-1
036 121 005F	PA765
036 121 005P	PA765
036 121 005Q	PA674
036 121 005Q	KP674-1
036 121 005QX	PA674
036 121 005QX	KP674-1
036 121 005R	KP674-1
036 121 005S	PA674
036 121 005S	KP674-1
036 121 005SX	KP674-1
036 121 008G	PA765
036 121 008K	PA674
036 121 008KX	KP674-1
036 121 008L	PA674
036 121 008L	KP674-1
036 121 008LX	KP674-1
036 121 008M	PA674
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038 121 011AV	KP731-1
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11 51 7 807 311	**PA1039**
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0831.78	**KP747-2**
0831.79	**KP747-2**
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0831.83	**KP747-1**
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0831.85	**KP837-2**
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0831.87	**KP837-1**
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0831.L7	**KP683-1**
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0831.N3	**KP747-3**
0831.N5	**KP747-2**
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0831.Q4	**KP628-1**
0831.R2	**KP628-1**
0831.R7	**KP747-3**
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1201.61	**PA348**
1201.63	**PA256**
1201.65	**PA391**
1201.67	**PA393**
1201.69	**PA147**
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1201.91	**PA391**
1201.93	**PA641**
1201.97	**KP491-1**
1201.98	**PA642**
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1201.A2	**PA683**
1201.A2	**KP683-1**
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1201.A4	**PA391**
1201.A6	**PA653**
1201.A7	**PA542**
1201.A8	**PA911**
1201.C4	**PA747**
1201.C4	**KP747-1**
1201.C4	**KP747-2**
1201.C4	**KP747-3**
1201.C4	**KP747-4**
1201.C5	**PA542**
1201.C6	**PA542**
1201.C7	**PA653**
1201.E1	**PA862**
1201.E3	**PA628**
1201.E3	**KP628-1**
1201.E3	**KP628-2**
1201.E4	**PA491**
1201.E4	**KP491-1**
1201.E5	**PA683**
1201.E5	**KP683-1**
1201.E6	**PA491**
1201.E6	**KP491-1**
1201.E7	**PA863**
1201.E8	**PA861**
1201.E8	**KP861-2**
1201.F2	**PA960**
1201.F4	**PA862**
1201.F5	**PA863**
1201.F6	**PA886**
1201.F9	**PA859**
1201.F9	**KP859-1**
1201.G0	**PA837**
1201.G0	**KP837-1**
1201.G0	**KP837-2**
1201.G1	**PA938**
1201.G1	**KP938-1**
1201.G2	**PA941**
1201.G4	**PA862**
1201.G5	**PA863**
1201.G6	**PA1067**
1201.G8	**PA859**
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1201.G9	**PA938**
1201.G9	**KP938-1**
1201.H0	**PA1020**
1201.H4	**KP683-1**
1201.H7	**PA1049**
1201.H8	**PA994**
1201.J0	**PA1020**
1201.J1	**PA862**
1201.J2	**PA863**
1201.J6	**PA1049**
1201.J9	**PA1082**

Adaptable to	GRAF ref.
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1201.K1	**PA1045**
1201.K2	**PA1110**
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1201.K5	**PA1158**
1201.K6	**PA1020**
1201.K8	**PA938**
1201.L2	**PA1044**
1201.L2	**PA1045**
1201.L3	**PA1020**
1204.34	**KP628-1**
1204.34	**KP628-2**
1207.18	**KP628-1**
1207.18	**KP628-2**
1207.23	**PA628**
1207.23	**KP628-1**
1207.23	**KP628-2**
1207.25	**PA491**
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1607854280	**PA986**
1609402180	**PA861**
1609402380	**PA747**
1609402380	**KP747-1**
1609402380	**KP747-2**
1609402380	**KP747-3**
1609402380	**KP747-4**
1609417080	**PA837**
1609417180	**PA941**
1609417280	**PA683**
1609417380	**PA859**
1609417380	**KP859-1**
1609417480	**PA862**
1609417680	**PA938**
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75530147	**PA315**
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91511136	**PA256**
9401201390	**PA256**
9401201480	**PA393**
9451001263	**PA628**
9451001263	**KP628-1**
9451001263	**KP628-2**
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95625017	**PA348**
95641148	**PA256**
95641149	**PA393**
95643824	**PA393**
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95655207	**PA256**
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95656568	**PA393**
95656569	**PA393**
95666768	**PA391**
96047088	**PA542**
9608564280	**PA491**
9608564280	**KP491-1**
9617376980	**PA628**
9617376980	**KP628-1**
9617376980	**KP628-2**
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0831.03	**KP628-1**

Adaptable to	GRAF ref.
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0831.58	**KP747-3**
0831.59	**KP747-3**
0831.62	**KP747-1**
0831.73	**KP747-4**
0831.74	**KP747-4**
0831.78	**KP747-2**
0831.79	**KP747-2**
0831.82	**KP747-1**
0831.83	**KP747-1**
0831.86	**KP837-1**
0831.87	**KP837-1**
0831.K0	**KP861-2**
0831.N2	**KP747-3**
0831.N3	**KP747-3**
0831.N5	**KP747-2**
0831.P2	**KP938-1**
0831.Q3	**KP628-2**
0831.Q4	**KP628-1**
0831.R2	**KP628-1**
0831.R7	**KP747-3**
0831.R8	**KP747-1**
0831.S2	**KP747-4**
0831.V3	**KP747-2**
1201.00	**KP628-1**
1201.00	**KP628-2**
1201.18	**KP628-1**
1201.18	**KP628-2**
1201.34	**PA544**
1201.36	**PA315**
1201.37	**PA315**
1201.40	**PA544**
1201.45	**PA197**
1201.47	**KP628-1**
1201.47	**KP628-2**
1201.50	**PA348**
1201.52	**PA391**
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1201.55	**PA542**
1201.58	**PA491**
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1201.61	**PA348**
1201.63	**PA256**
1201.65	**PA391**
1201.67	**PA391**
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1201.91	**PA391**
1201.95	**PA685**
1201.96	**PA686**
1201.A2	**PA683**
1201.A3	**PA643**
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1201.A8	**PA911**
1201.C4	**PA747**
1201.C4	**KP747-1**
1201.C4	**KP747-2**
1201.C4	**KP747-3**
1201.C4	**KP747-4**
1201.C5	**PA542**
1201.C6	**PA542**
1201.C9	**PA607**
1201.E1	**PA862**
1201.E3	**PA628**
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1201.E5	**PA683**
1201.E6	**PA491**
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Adaptable to	GRAF ref.
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1201.G9	**PA938**
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1201.H7	**PA1049**
1201.H8	**PA994**
1201.J1	**PA862**
1201.J4	**PA1026**
1201.J6	**PA1049**
1201.K0	**PA1026**
1201.K1	**PA1044**
1201.K1	**PA1045**
1201.K2	**PA1110**
1201.K4	**PA1135**
1201.K8	**PA938**
1201.L2	**PA1044**
1201.L2	**PA1045**
1201.L9	**PA1083**
1204.34	**KP628-1**
1204.34	**KP628-2**
1207.18	**KP628-1**
1207.18	**KP628-2**
1207.23	**PA628**
1207.23	**KP628-1**
1207.23	**KP628-2**
1207.25	**PA491**
1336.L5	**PA542**
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1609402380	**PA747**
1609402380	**KP747-1**
1609402380	**KP747-2**
1609402380	**KP747-3**
1609402380	**KP747-4**
1609417080	**PA837**
1609417280	**PA683**
1609417380	**PA859**
1609417680	**PA938**
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75530147	**PA315**
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9401201400	**PA544**
9401201480	**PA393**
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96518977	**KP738-2**
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96518977	**KP738-2**
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16100-19016	**PA351**
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68000693AC	**PA905**
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68027359AA	**PA1076**
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4081489	**PA019**
4129810	**PA016**
4172066	**PA008**
4186267	**PA017**
4194951	**PA054**
4243593	**PA054**
4243679	**PA088**
4296890	**PA088**
4297101	**PA054**
4314160	**PA163**
4314162	**PA163**
4328136	**PA168**
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4329406	**PA554**
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4332090	**PA162**
4336009	**PA559**
4336188	**PA020**
4364117	**PA230**
4384128	**PA054**
4384128	**PA554**
4384129	**PA088**
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46410551	**PA622**
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46512248	**KP672-1**
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46515970	**KP672-1**
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46515970	**KP672-3**
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46515972	**PA672**
46515972	**KP672-1**
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46515972	**KP672-3**
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46531183	**KP286-1**
46531183	**KP286-2**
46531183	**KP286-3**
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46757573	**PA880**
46757574	**PA880**
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46804051	**KP1085-1**
46804051	**KP1085-2**
46805736	**PA739**
46805736	**KP739-1**
46805736	**KP739-2**
46815125	**PA1083**
46819138	**PA1083**
4720031	**PA161**
4755003	**PA161**
4764782	**PA161**
55183446	**KP866-1**
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55192323	**KP672-2**
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55212159	**KP672-2**
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55225394	**PA1155**
55233943	**PA1155**
5882684	**PA016**
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5882691	**PA559**
5882693	**PA337**
5882694	**PA088**

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5894255	**PA054**
5894394	**PA397**
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5896813	**PA378A**
5896818	**PA365**
5896819	**PA365**
5896820	**PA659**
5896821	**PA659**
5896822	**PA659**
5924366	**PA596**
5936404	**PA394**
5936404	**PA554**
5936494	**PA337**
5939200	**PA088**
5960469	**PA394**
5960469	**PA554**
5973319	**PA293**
5973713	**PA286A**
5973713	**KP286-1**
5973713	**KP286-2**
5973713	**KP286-3**
5983960	**PA054**
5983960	**PA554**
5984047	**PA230**
5990701	**PA596**
5992593	**PA394**
5992593	**PA554**
5996594	**PA285**
5996594	**PA585**
5999790	**PA298**
60586222	**PA621**
60586222	**KP621-1**
60810426	**PA496**
60811328	**PA621**
60811328	**KP621-1**
60813592	**KP672-2**
60814609	**PA672**
60814609	**KP672-1**
60814609	**KP672-3**
60815559	**KP672-1**
60815559	**KP672-3**
60816231	**PA631**
71713045	**PA346**
71713727	**PA286A**
71713727	**KP286-1**
71713727	**KP286-2**
71713727	**KP286-3**
71713728	**PA693**
71716878	**PA620**
71716893	**PA552**
71719665	**PA623**
71719666	**PA599**
71719668	**PA559**
71719696	**PA585**
71719697	**PA398**
71736717	**KP866-2**
71736718	**KP739-1**
71736719	**KP739-2**
71736726	**KP672-1**
71736727	**KP621-1**
71736795	**KP672-3**
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71737967	**PA497**
71737971	**PA599**
71737972	**PA398**
71737974	**PA599**
71737975	**PA605A**
71737977	**PA338A**
71737979	**PA552**
71737981	**PA553**
71737987	**PA659**
71737989	**PA346**
71739137	**PA911**
71739401	**PA957**
71739779	**PA959**
71742124	**PA946**
71745026	**PA1083**
71746353	**KP739-2**
71747799	**KP672-2**
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71753156	**KP866-1**
71769761	**PA957**
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7555039	**PA624**
7565764	**PA285**
7565764	**PA585**
7575827	**PA340**
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7580753	**PA394**
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7580754	**PA285**
7580754	**PA585**
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7597569	**PA378A**
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7609204	**PA399**
7615921	**PA394**
7616151	**PA416**
7617168	**PA398**
7617364	**PA354**
7626604	**PA624**
7629033	**PA365**
7630343	**PA366**
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7770038	**PA598**	1131878	**PA742**	1518096	**PA440**	5013320	**PA321**	A790X8591RLA	**PA117**
7781232	**PA553**	1132607	**PA612**	1518115	**PA548**	5018437	**PA232**	A810X8591FA	**PA174**
7784979	**PA398**	1142005	**PA903**	1518910	**PA429A**	5019394	**PA303**	A810X8591GA	**PA083**
7784979	**PA598**	1142427	**PA903**	1518911	**PA639**	5020121	**PA400**	A810X8591HA	**PA174**
7784981	**PA285**	1143851	**PA807**	1527289	**PA174**	5020242	**PA640**	A810X8591SA	**PA232**
7784981	**PA585**	1143851	**PA839**	1528548	**PA131**	5020437	**PA401**	A820X8591BA	**PA517**
9400831409	**KP747-1**	1147585	**PA859**	1538706	**PA1083**	5020651	**PA321**	A830X8591CTA	**PA322**
9400831589	**KP747-3**	1147585	**KP859-1**	1559259	**PA1049**	5020713	**PA976**	A830X8591KA	**PA517**
9400831629	**KP747-1**	1197940	**PA1041**	1562255	**PA861**	5020717	**PA091**	A830X8591TA	**PA278**
9400831739	**KP747-4**	1211185	**KP859-1**	1566239	**PA612**	5023817	**PA278**	A840X8591AUA	**PA131**
9400831789	**KP747-1**	1213357	**PA617**	1566241	**PA509**	5024297	**PA589A**	A840X8591BAA	**PA117**
9400831829	**KP747-1**	1225896	**KP762-1**	1581511	**PA1030**	5024603	**PA153**	A840X8591BCA	**PA321**
9400831929	**KP861-2**	1225896	**KP762-2**	1582105	**PA189**	5024638	**PA297**	A840X8591JA	**PA278**
9401201340	**PA544**	1227902	**PA741**	1582106	**PA189**	5025607	**PA501**	A840X8591KA	**PA295**
9401201400	**PA544**	1229571	**PA902**	1584043	**PA903**	5025832	**PA083**	A840X8591MA	**PA548**
9463623088	**PA861**	1229768	**KP938-1**	1589055	**PA990**	5025833	**PA130**	CM5Q8201FA	**PA1247**
9463623088	**KP861-2**	1231979	**KP861-2**	1651816	**PA429A**	5025908	**PA401**	D0RY8501A	**PA091**
9565095580	**PA391**	1232179	**KP938-1**	1669335	**PA807**	5026076	**PA322**	D1FZ8501B	**PA091**
9566945680	**PA391**	1232499	**PA861**	1674083	**PA589A**	5026783	**PA401**	D8RZ8501A	**PA153**
9566945688	**PA391**	1232499	**KP861-2**	1688697	**PA990**	5028472	**PA590**	EPW076	**PA509**
9567521488	**PA391**	1233202	**PA976**	1694898	**PA1110**	5207379	**PA903**	EPW14	**PA548**
9569147388	**PA747**	1233205	**PA321**	1707009	**PA861**	603089	**PA036**	EPW15	**PA189**
9569147388	**KP747-1**	1233208	**PA278**	1715121	**PA1121**	6036362	**PA036**	EPW16	**PA189**
9569147388	**KP747-2**	1233219	**PA296**	1727556	**PA1110**	6039328	**PA153**	EPW19	**PA083**
9569147388	**KP747-3**	1250684	**PA879**	1760659	**PA1247**	6041801	**PA091**	EPW33	**PA232**
9569147388	**KP747-4**	1250685	**PA879**	1778516	**PA990**	6043064	**PA130**	EPW40	**PA640**
9627667988	**PA391**	1250685	**KP879-1**	1798955	**PA902**	6043065	**PA174**	EPW44	**PA266**
9627667988	**PA911**	1310015	**PA878**	1953221	**PA932**	6049790	**PA174**	EPW45	**PA297**
9631169188	**PA837**	1310015	**KP762-1**	19BBX8591FA	**PA741**	6050034	**PA153**	EPW50	**PA117**
9654514780	**PA938**	1310015	**KP762-2**	1S7G8501BC	**PA903**	6050907	**PA153**	EPW51	**PA517**
9654531880	**PA862**	1310015	**KP878-1**	2S6G8591AA	**PA902**	6065711	**PA117**	EPW52	**PA589A**
9659248280	**PA996**	1313842	**PA938**	3006897	**PA974**	6189520	**PA588**	EPW538	**PA036**
9663654980	**PA1044**	1313842	**KP859-1**	3667653	**PA974**	6457409	**PA429A**	EPW55	**PA501**
9663654980	**PA1045**	1313842	**KP938-1**	3715703	**PA974**	6683522	**PA440**	EPW56	**PA174**
9670557580	**PA1044**	1317021	**PA501**	3800766	**PA974**	6878045	**PA509**	EPW57	**PA083**
9670557580	**PA1045**	1317038	**PA741**	3M218501AA	**KP879-1**	7072641	**PA420A**	EPW58	**PA174**
9682360280	**PA1110**	1317913	**PA640**	3M5Q8591BB	**KP938-1**	7087382	**PA429A**	EPW60	**PA440**
98473452	**PA607**	1318354	**PA590**	4096620	**PA974**	7087383	**PA588**	EPW61	**PA278**
99440717	**PA607**	1320086	**PA588**	4356532	**PA974**	71F8501AA	**PA130**	EPW63	**PA131**

FORD EUROPE

Adaptable to	GRAF ref.
EPW64	PA322
EPW65	PA278
EPW66	PA295
EPW67	PA131
EPW68	PA117
EPW69	PA117
EPW7	PA131
EPW70	PA321
EPW71	PA401
EPW730	PA091
EPW74	PA429A
EPW743	PA131
EPW746	PA131
EPW75	PA588
EPW80	PA612
EPW81	PA639
EPW82	PA640
EPW85	PA589A
EPW97	PA400
EPW980	PA130
EPW981	PA174
EPW985	PA153
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RM3M218501BA	KP762-2
RXM218501AA	KP762-1
RXM218501AA	KP762-2
V94DD8501AA	PA420A
XS4J8591AC	PA742
XS4J8591DB	PA742

FORD LCV, TRUCK

Adaptable to	GRAF ref.
1020567	PA639
1020988	PA640
1023645	PA640
1025656	PA548
1031279	PA589A
1053054	PA976
1053879	PA741
1079085	PA742
1094596	PA741
1096556	PA832
1096556	PA1121
1104115	PA742
1109341	PA639
1114354	PA741
1116996	PA807
1116996	PA839
1126041	PA321
1126044	PA278
1130582	PA741
1131878	PA742
1136393	PA832
1136393	PA1121
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1146965	PA1121
1147585	PA859
1147585	KP859-1
1211185	KP859-1
1227902	PA741
1233202	PA976
1233205	PA321
1233208	PA278
1308452	PA832
1308452	PA1121
1308453	PA832
1308453	PA1121
1313842	PA938
1313842	KP859-1
1317038	PA741
1320876	PA741
1341835	PA807
1341835	PA839
1347102	PA807
1347102	PA839
1348648	KP859-1
1359942	PA859
1359942	KP859-1
1364681	PA938
1366614	PA859
1381796	PA996
1385824	PA832
1385824	PA1121
1385827	PA832
1385827	PA1121
1406479	PA990
1417825	PA807
1417825	PA839
1452907	PA1100
1452907	PA1123
1455679	PA832
1455679	PA1121
1459513	PA1096
1459513	PA1122
1472867	PA990
1477444	PA807
1477444	PA839
1480869	PA903
1511175	PA193
1517732	PA741
1517749	PA640
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1589055	PA990
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1688697	PA990
1701415	PA1100
1701415	PA1123
1713348	PA832
1713348	PA1121
1715121	PA832
1778516	PA990
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4772935	PA1096
4772935	PA1122
5004972	PA131
5004988	PA193
5004995	PA117
5005036	PA036
5005058	PA131
5005197	PA153
5005916	PA118
5006043	PA117
5006046	PA517
5008470	PA232
5009286	PA117
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5010876	PA131
5010878	PA517
5010880	PA131
5011012	PA296
5011013	PA278
5011863	PA517
5011864	PA131
5012322	PA278
5012359	PA295
5012434	PA548
5012773	PA323
5013267	PA131
5013268	PA117
5013274	PA117
5013320	PA321
5018437	PA232
5020242	PA640
5020424	PA193
5020437	PA401
5020651	PA321
5020713	PA976
5020823	PA118
5023817	PA278
5024297	PA589A
5024545	PA323
5024546	PA296
5024603	PA153
5025908	PA401
5026783	PA401
603089	PA036
6031236	PA193
6036362	PA036
6039328	PA153
6050034	PA153
6050907	PA153
6065711	PA117
6093389	PA296
6457409	PA429A
6683522	PA440
7087382	PA429A
715F8501AAD	PA193
88BX8591AA	PA401
88FX8591AA	PA640
88FX8591AB	PA640
88FX8591B1A	PA976
88FX8591B2B	PA976
88FX8591BA	PA976
88WF8501AB	PA429A
914FX8591AA	PA323
914FX8591BA	PA296
91FX8591AA	PA589A
91WM8501AA	PA429A
92BX8591AA	PA440
92BX8591BA	PA401
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A790X8591ALA	PA117
A790X8591ANA	PA117
A790X8591DA	PA131
A790X8591DAA	PA036
A790X8591EFA	PA131
A790X8591HFA	PA153
A790X8591RJA	PA118
A790X8591RLA	PA117
A810X8591SA	PA232
A820X8591BA	PA517
A830X8591KA	PA517
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A840X8591ATA	PA323
A840X8591AUA	PA131
A840X8591BAA	PA117
A840X8591BCA	PA321
A840X8591JA	PA278
A840X8591KA	PA295
A840X8591MA	PA548
D8RZ8501A	PA153
EPW13	PA296
EPW14	PA548
EPW20	PA323
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EPW33	PA232
EPW38	PA323
EPW40	PA640
EPW43	PA296
EPW48	PA118
EPW50	PA117
EPW51	PA517
EPW52	PA589A
EPW538	PA036
EPW60	PA440
EPW61	PA278
EPW63	PA131
EPW65	PA278
EPW66	PA295
EPW67	PA131
EPW68	PA117
EPW69	PA117
EPW7	PA131
EPW70	PA321
EPW71	PA401
EPW74	PA429A
EPW743	PA131
EPW746	PA131
EPW81	PA639
EPW82	PA640
EPW85	PA589A
EPW985	PA153
XS4J8591AC	PA742
XS4J8591DB	PA742

FORD USA

Adaptable to	GRAF ref.
3382081	PA917
3396916	PA917
4370488	PA917

FORD USA TRUCK

Adaptable to	GRAF ref.
1119276	PA903
1142005	PA903
1142427	PA903
1336008	PA903
1361486	PA903
1364152	PA903
1584043	PA903
1S7G8501BC	PA903
5207379	PA903

FSO

Adaptable to	GRAF ref.
40 81 489	PA019

HONDA

Adaptable to	GRAF ref.
19200-P01-003	PA428
19200-P08-003	PA925
19200-P08-004	PA925
19200-P08-A01	PA925
19200-P0A-003	PA943
19200-P0B-A01	PA943
19200-P10-A02	PA925
19200-P13-003	PA896
19200-P14-A00	PA564
19200-P14-A01	PA564
19200-P1G-E02	PA668
19200-P1J-E02	PA428
19200-P2A-004	PA669
19200-P2A-A01	PA669
19200-P2A-A02	PA669
19200-P2A-A03	PA669
19200-P5T-G00	PA562
19200-P5T-G01	PA562
19200-P72-A01	PA670
19200-P75-003	PA897
19200-P7A-003	PA668
19200-PA1-010	PA549
19200-PA1-020	PA549
19200-PA1-030	PA549
19200-PA6-000	PA456
19200-PA6-010	PA456
19200-PA6-020	PA456
19200-PA6-030	PA456
19200-PC1-000	PA456
19200-PC1-010	PA456
19200-PC1-080	PA456
19200-PCX-003	PA1018
19200-PDA-E01	PA943
19200-PDF-E01	PA669
19200-PE0-010	PA385
19200-PE0-515	PA385
19200-PE0-660	PA385
19200-PG6-000	PA778
19200-PG6-405	PA778
19200-PG6-600	PA778
19200-PH1-000	PA459
19200-PH1-020	PA459
19200-PH1-305	PA459
19200-PH1-505	PA459
19200-PLE-005	PA876
19200-PLM-A01	PA876
19200-PLZ-D00	PA948
19200-PM3-003	PA428
19200-PM3-013	PA428
19200-PNA-003	PA970
19200-PNL-E01	PA970
19200-PT0-013	PA943
19200-PWA-003	PA949
19200-R1P-U01	PA1092
19200-RB0-003	PA1119
19200-RBB-003	PA971
19200-RBB-013	PA971
19200-RBD-E01	PA1013
19200-RBJ-003	PA1149
19200-RFE-003	PA971
19200-RL0-G01	PA1175
19200-RNA-A01	PA1062
19200-RNA-A02	PA1062
19200-RSR-E01	PA1013
19200-RSR-E02	PA1013
19200-RZP-003	PA1092
19200-RZP-013	PA1092
19200-TL6-G01	PA1191
19210-PG6-305	PA778
GWP344	PA391

HYUNDAI

Adaptable to	GRAF ref.
0K88R-15-100	PA1022
24312-27000	KP829-1
24312-27250	KP829-1
25100-02500	PA877
25100-02501	PA877
25100-02502	PA877
25100-02555	PA877
25100-02566	PA1021
25100-02577	PA1021
25100-03010	PA1125
25100-04010	PA1196
25100-22010	PA697
25100-22012	PA697
25100-22650	PA697
25100-23001	PA698
25100-23002	PA698
25100-23010	PA972
25100-23011	PA972
25100-23511	PA972
25100-23513	PA972
25100-23530	PA972
25100-24030	PA697
25100-24040	PA697
25100-24060	PA697
25100-26900	PA950
25100-26901	PA950
25100-26902	PA950
25100-27000	PA829
25100-27000	KP829-1
25100-27010	PA829
25100-27010	KP829-1

HYUNDAI

Adaptable to	GRAF ref.
25100-27400	PA1063
25100-2A000	PA1023
25100-2A001	PA1023
25100-2A200	PA1078
25100-2A201	PA1203
25100-2A300	PA1177
25100-2B000	PA1088
25100-2B010	PA1088
25100-2B700	PA1136
25100-2E000	PA1184
25100-2F000	PA1174
25100-2F700	PA1174
25100-2G100	PA1186
25100-2G200	PA1186
25100-32033	PA780
25100-32515	PA922
25100-33112	PA702
25100-33132	PA702
25100-35020	PA795
25100-35030	PA795
25100-35050	PA795
25100-36010	PA795
25100-37102	PA1024
25100-37200	PA1024
25100-37201	PA1024
25100-37202	PA1024
25100-38002	PA934
25100-38200	PA934
25100-39800	PA1002
25100-39802	PA1002
25100-3E000	PA1187
25100-3E001	PA1187
25100-42501	PA701
25100-42540	PA701
25100-42541	PA701
25100-42700	PA701
25100-4A000	PA1055
25100-4A100	PA1055
25100-4A200	PA1055
25100-4A300	PA1055
25100-4X800	PA1022
25110-25002	PA1186
25111-29000	PA391

HYUNDAI LCV

Adaptable to	GRAF ref.
25100-32033	PA780
25100-38450	PA1106
25100-42000	PA700
25100-42001	PA700
25100-42501	PA701
25100-42540	PA701
25100-42541	PA701
25100-4A000	PA1055
25100-4A100	PA1055
25100-4A200	PA1055
25100-4A300	PA1055
25100-4A710	PA1257

INNOCENTI

Adaptable to	GRAF ref.
38402022	PA187
38402024	PA187
38406025	PA187
4336009	PA559
4471378	PA088
46409136	PA338A
46437911	PA626
46437911	PA630
46525058	PA733
554021207	PA305
5882691	PA559
5882695	PA054
5882695	PA554
5890406	PA559
71737972	PA398
71737977	PA338A
7580754	PA285
7608844	PA338A
7635148	PA398
7635148	PA598
7651586	PA398
7651586	PA598
7691043	PA285
7691047	PA398
7691047	PA598
7693966	PA338A
7719921	PA285
7752928	PA626
7752928	PA630
7770038	PA398
7770038	PA598
7784979	PA398
7784979	PA598
7784981	PA285

ISUZU

Adaptable to	GRAF ref.
8-94118501-0	PA811
8-94240089-0	PA810
8-94240378-0	PA810
8-94310251-0	PA809
8-94376837-0	PA797
8-94376841-0	PA809
8-94376844-0	PA809
8-94419461-2	PA809
8-94461173-0	PA809
8-97010200-0	PA810
8-97010201-0	PA811
8-97018560-1	PA809

IVECO

Adaptable to	GRAF ref.
2995624	PA916
2995627	PA317
2995629	PA498
42530032	PA854
42530033	PA848
42532082	PA846
42532083	PA845
42535615	PA846
4606023	PA077
4639182	PA031
4655010	PA031
4655054	PA031
4679242	PA031
4714636	PA178
4754850	PA178
4764761	PA178
4813370	PA840
4838676	PA844
4952496	PA077
5001833230	PA161
500300476	PA914
500316451	PA913
500350785	PA969
500350797	PA849
500350798	PA850
500356553	PA942
500361203	PA914
500361455	PA916
500361919	PA914
500362834	PA913
500362859	PA915
504029280	PA1199
504033770	PA900
504062854	PA1060
504093706	PA1198
504102572	PA1026
504113544	PA967
504248581	PA1026
504360207	PA1156
504369725	PA1156
61318939	PA849
7303009	PA178
7303050	PA161
7303056	PA317
93190284	PA850
93190285	PA969
93190286	PA854
93191101	PA031
98415831	PA843
98435994	PA498
98437726	PA499
98438356	PA914
98439407	PA914
98439476	PA845
98468830	PA853
98468832	PA847
98479675	PA852
98497115	PA842
98497117	PA841
99438900	PA914
99440728	PA499
99445447	PA852
99448068	PA914
99458098	PA853
99458099	PA847
99459755	PA317
99459757	PA498
99476298	PA1161
99483937	PA968

JAGUAR

Adaptable to	GRAF ref.
C2C37824	PA1048
C2S18139	PA974
C2S29888	PA1048
C2S40055	PA807
C2S40055	PA839
C2S42747	PA974
C2S43292	PA974
C2S43330	PA807
C2S43330	PA839
C2S48033	PA807
C2S48033	PA839
C2S5120	PA974
C2S51205	PA1048
C2S51449	PA1049

JEEP

Adaptable to	GRAF ref.
05072697AA	PA1108
05072697AB	PA1108
05175580AA	PA992
4864566	PA671
4864566	PA802
4864566AB	PA671
4864566AB	PA802
4864688	PA527
5086581AA	PA891
5093911AB	PA1108
665 200 02 01	PA891
68000693AA	PA905
68000693AB	PA905
68000693AC	PA905
68027359AA	PA1076
68046026AA	PA1082
K68046026AA	PA1082

KIA

Adaptable to	GRAF ref.
0FE1H-15-010H	PA783
0FE3N-15-010E	PA1015
0FE3N-15-010F	PA1015
0K04R-15-010	PA786
0K04R-15-010A	PA786
0K247-15-010A	PA1143
0K247-15-010B	PA1143
0K247-15-010C	PA1143
0K4R-15-010	PA786
0K4R-15-010A	PA786
0K551-15-100B	PA816
0K930-15-010A	PA437A
0K937-15-010	PA439
0K9BV-15-010	PA1113
24312-27000	KP829-1
24312-27250	KP829-1
25100-02566	PA1021
25100-02577	PA1021
25100-03010	PA1125
25100-04010	PA1196
25100-23530	PA972
25100-26902	PA950
25100-27000	PA829
25100-27000	KP829-1
25100-27010	PA829
25100-27010	KP829-1
25100-27400	PA1063
25100-2A000	PA1023
25100-2A001	PA1023
25100-2A200	PA1078
25100-2A201	PA1203
25100-2A300	PA1177
25100-2B000	PA1088
25100-2B010	PA1088
25100-2B700	PA1136
25100-2E000	PA1184
25100-2F000	PA1174
25100-2F700	PA1174
25100-2G100	PA1186
25100-2G200	PA1186
25100-2X100	PA1157
25100-2Y000	PA1143
25100-2Y001	PA1143
25100-37102	PA1024
25100-37200	PA1024
25100-37201	PA1024
25100-37202	PA1024
25100-38002	PA934
25100-38200	PA934
25100-38450	PA1106
25100-39800	PA1002
25100-39802	PA1002
25100-3E000	PA1187
25100-3E001	PA1187
25100-42541	PA701
25100-4A000	PA1055
25100-4A100	PA1055
25100-4A200	PA1055
25100-4A300	PA1055
25100-4X300	PA816
25100-4X700	PA1117
25100-4X900	PA1195
25110-25002	PA1186
KKY01-15-010D	PA437A

KIA LCV

Adaptable to	GRAF ref.
25100-42541	PA701

LADA

Adaptable to	GRAF ref.
2101-1307010	PA575
2108-1307010.00	PA404
2108-1307010.10	PA704
2112-1307010	PA833
4197598	PA575

LANCIA

Adaptable to	GRAF ref.
2287515	PA568
2306857	PA568
4192732	PA088
4243679	PA088
4296890	PA088
4328136	PA168
4336009	PA559
4384129	PA088
46400058	PA620
46400058	PA629
46410549	PA552
46410549	PA601
46422512	PA693
46423351	PA286A
46423351	KP286-1
46423351	KP286-2
46423351	KP286-3
46432248	KP672-1
46432248	KP672-3
46435858	PA667
46437912	PA552
46437912	PA601
46437916	PA552
46437916	PA601
46444355	PA620
46444355	PA629
46515970	PA672
46515970	KP672-1
46515970	KP672-3
46515971	PA690
46515972	PA672
46515972	KP672-1
46515972	KP672-3
46520401	PA866
46520401	KP866-1
46520401	KP866-2
46526243	PA739
46526243	KP739-1
46526243	KP739-2
46531183	KP286-1
46531183	KP286-2
46531183	KP286-3
46791189	KP1085-3
46804051	PA1085
46804051	KP1085-1
46804051	KP1085-3
46805736	PA739
46805736	KP739-1
46805736	KP739-2
46815125	PA1083
46819138	PA1083
55183446	KP866-1
55183497	KP866-1
55183527	KP1085-3
55184080	PA739
55184080	KP739-1
55184080	KP739-2
55184081	PA866
55184081	KP866-1
55184081	KP866-2
55186602	PA866
55186602	KP866-1
55191315	KP1085-3
55192323	KP1085-3
55192898	PA673

Adaptable to	GRAF ref.
LANCIA	
55198357	**PA673**
55198547	**PA866**
55198547	**KP866-1**
55198547	**KP866-2**
55203785	**KP866-1**
55204538	**PA1030**
55205557	**PA866**
55205557	**KP866-1**
55209993	**PA1085**
55209993	**KP1085-1**
55209993	**KP1085-3**
55212159	**KP1085-3**
55217612	**KP866-1**
55221397	**PA1030**
55225394	**PA1155**
55233943	**PA1155**
5882688	**PA168**
5882691	**PA559**
5882694	**PA088**
5890406	**PA559**
5894394	**PA397**
5896818	**PA365**
5896819	**PA365**
5936404	**PA394**
5936404	**PA554**
5939200	**PA088**
5960469	**PA394**
5960469	**PA554**
5973713	**PA286A**
5973713	**KP286-1**
5973713	**KP286-2**
5973713	**KP286-3**
5992593	**PA394**
5992593	**PA554**
5996594	**PA285**
5996594	**PA585**
5999790	**PA298**
60586222	**PA621**
60586222	**KP621-1**
60604181	**PA673**
60630271	**PA673**
60668487	**PA673**
60809209	**PA496**
60811328	**PA621**
60811328	**KP621-1**
60813207	**PA673**
60813590	**KP1085-3**
60813592	**KP1085-3**
60814609	**PA672**
60814609	**KP672-1**
60814609	**KP672-3**
68027359AA	**PA1076**
68046026AA	**PA1082**
71713727	**PA286A**
71713727	**KP286-1**
71713727	**KP286-2**
71713727	**KP286-3**
71713728	**PA693**
71716878	**PA620**
71716893	**PA552**
71719666	**PA599**
71719668	**PA559**
71719697	**PA398**
71736493	**KP1085-3**
71736717	**KP866-2**
71736726	**KP672-1**
71736727	**KP621-1**
71736795	**KP672-3**
71737960	**PA559**
71737965	**PA496**
71737967	**PA497**
71737971	**PA599**
71737972	**PA398**
71737974	**PA599**
71737988	**PA667**
71745026	**PA1083**
71747799	**KP1085-3**
71753156	**KP866-1**
7565764	**PA285**
7565764	**PA585**
7566185	**PA341A**
7580753	**PA394**
7580753	**PA554**
7580754	**PA285**
7580754	**PA585**
7580756	**PA394**
7580756	**PA554**
7589778	**PA341A**
7609204	**PA399**
7629033	**PA365**
7631379	**PA365**
7635148	**PA398**
7635148	**PA598**
7635180	**PA397**
7640163	**PA286A**
7640163	**KP286-1**
7640163	**KP286-2**
7640163	**KP286-3**
7651586	**PA398**
7651586	**PA598**
7658591	**PA341A**
7661811	**PA399**
7661813	**PA298**
7671811	**PA599**
7691043	**PA285**
7691043	**PA585**
7691047	**PA398**
7691047	**PA598**
7691820	**PA286A**
7691820	**KP286-1**
7691820	**KP286-2**
7691820	**KP286-3**
7693570	**PA365**
7694229	**PA397**
7695557	**PA298**
7695559	**PA399**
7696226	**PA365**
7701137	**PA497**
7708187	**PA496**
7710471	**PA667**
7715242	**PA286A**
7715242	**KP286-1**
7715242	**KP286-2**
7715242	**KP286-3**
7719921	**PA285**
7719921	**PA585**
7720987	**PA599**
7737200	**PA599**
7747386	**PA399**
7747388	**PA496**
7750698	**PA552**
7750698	**PA601**
7762924	**PA614**
7762925	**PA615**
7762926	**PA616**
7763644	**KP1085-3**
7770034	**PA599**
7770038	**PA398**
7770038	**PA598**
7778565	**KP1085-3**
7783006	**PA497**
7783009	**PA298**
7784977	**PA599**
7784979	**PA398**
7784979	**PA598**
7784988	**PA599**
82287515	**PA568**
82306857	**PA568**
9400831739	**KP747-4**
9400831929	**KP861-2**
9463623088	**PA861**
9463623088	**KP861-2**
9565095580	**PA391**
9566945680	**PA391**
9566945688	**PA391**
9566950080	**PA641**
9567521488	**PA391**
9569147388	**PA747**
9569147388	**KP747-1**
9569147388	**KP747-4**
9569623880	**PA542**
9604708880	**PA542**
9629110980	**PA542**
9640601280	**PA862**
9641117180	**PA886**
9654531880	**PA862**
9663654980	**PA1044**
9663654980	**PA1045**
9670557580	**PA1044**
9670557580	**PA1045**
9684319880	**PA1049**
98430541	**PA452**
98435125	**PA503**
98456197	**PA503**
K68046026AA	**PA1082**
LAND ROVER	
1311325	**PA1048**
8510324	**PA856**
ERR3290	**PA650**
ERR6505	**PA987**
GWP333	**PA427**
GWP336	**PA426**
LR001309	**PA1049**
LR004799	**PA832**
LR004799	**PA1121**
LR005764	**PA1048**
LR007602	**PA1048**
LR009324	**PA1048**
LR009392	**PA1049**
LR011694	**PA1049**
LR013164	**PA1127**
LR025302	**PA903**
PEB000030	**PA856**
PEB000050	**PA1053**
PEB000080	**PA426**
PEB10051	**PA427**
PEB10139SLP	**PA428**
PEB102240	**PA884**
PEB102420	**PA562**
PEB102440	**PA883**
PEB102440L	**PA883**
PEB102510L	**PA427**
PEB500090	**PA650**
PEM500040	**PA987**
RTC6395	**PA565**
STC1086	**PA650**
STC3342	**PA502A**
LEXUS	
16100-09070	**PA1144**
16100-09340	**PA1001**
16100-29085	**PA1144**
16100-39435	**PA1170**
16100-39436	**PA1170**
16100-69205	**PA936**
16100-69206	**PA936**
16100-69298	**PA936**
16100-69305	**PA936**
16100-69335	**PA936**
16100-79167	**PA1133**
16100-79285	**PA1133**
LOMBARDINI	
6584438	**PA1249**
LOTUS	
GWP333	**PA427**
MAZDA	
0324-15-010	**PA208**
0324-15-010C	**PA208**
0324-15-010D	**PA208**
0FE1H-15-010H	**PA783**
1E0-15-010	**PA640**
1E04-15-010	**PA639**
1E05-15-010	**PA612**
1E06-15-010	**PA612**
8AB1-15-010	**PA551**
8AB3-15-010	**PA437A**
8AB3-15-010A	**PA437A**
8AB4-15-010	**PA437A**
8AB4-15-010A	**PA437A**
8AB6-15-010A	**PA921**
8AB7-15-010	**PA437A**
8AB7-15-010A	**PA437A**
8AB8-15-010	**PA439**
8AB9-15-010A	**PA921**
8ABB-15-010	**PA931**
8ABB-15-010A	**PA931**
8AD2-15-010A	**PA437A**
8AG1-15-010B	**PA800**
8AG2-15-010	**PA1015**
8AG2-15-010A	**PA1015**
8AG2-15-010B	**PA1015**
8AG2-15-010C	**PA1015**
8AG3-15-010	**PA790**
8AG4-15-010	**PA928**
8AG4-15-010A	**PA928**
8AG9-15-010	**PA933**
8AGA-15-010	**PA928**
8AH2-15-010A	**PA783**
8AH2-15-010B	**PA783**
8AK1-15-010	**PA783**
8AK2-15-010	**PA917**
B3C7-15-010	**PA437A**
B3C7-15-010A	**PA437A**
B630-15-010	**PA437A**
B630-15-010A	**PA437A**
B6BF-15-010F	**PA931**
B6BFE-15-010A	**PA931**
B6BFE-15-010B	**PA931**
C201-15-010A	**PA612**
C202-15-010A	**PA612**
C401-15-010	**PA612**
C402-15-010	**PA990**
E301-15-010A	**PA551**
FE3P-15-100	**PA1015**
FEMJ-15-100	**PA783**
FP011-15-010C	**PA933**
FP49-15-010	**PA933**
FS01-15-010F	**PA933**
KKY01-15-010	**PA437A**
KL47-15-010C	**PA917**
L327-15-100	**PA903**
L327-15-100A	**PA903**
LF01-15-100	**PA903**
LF01-15-100A	**PA903**
LF94-15-010A	**PA903**
LF94-15-100	**PA903**
LF94-15-100A	**PA903**
R2AA-15-010E	**PA1099**
R2AA-15-010F	**PA1099**
R2AA-15-010H	**PA1099**
R2AA-15-100C	**PA1099**
R2AA-15-100E	**PA1099**
RF01-99-154	**PA786**
RF03-15-010B	**PA786**
RF2A-15-100A	**PA973**
RF2A-15-100B	**PA973**
RF2A-15-100C	**PA973**
RF5C-15-010A	**PA973**
RF5G-15-010B	**PA973**
RF7J-15-010A	**PA973**
RF8G-15-010A	**PA973**
Y401-15-010	**PA859**
Y401-15-010	**KP859-1**
Y401-15-010A	**PA859**
Y401-15-010A	**KP859-1**
Y401-15-010B	**KP859-1**
Y404-15-010	**PA859**
Y404-15-010	**KP859-1**
Y601-15-010	**KP938-1**
Y601-15-010A	**PA938**
Y601-15-010A	**KP938-1**
Y601-15-010B	**PA938**
Y601-15-010B	**KP938-1**
Y601-15-S20	**PA938**
Y601-15-S20	**KP938-1**
Y603-15-100	**KP938-1**
Y610-15-010B	**PA938**
YF09-15-100	**PA741**
ZJ01-15-010A	**PA962**
ZJ01-15-010B	**PA962**
ZJ01-15-010C	**PA962**
ZL01-15-010	**PA931**
MAZDA LCV	
8AG1-15-010B	**PA800**
8AH2-15-010B	**PA783**
8AK1-15-010	**PA783**
FEMJ-15-100	**PA783**
L327-15-100	**PA903**
L327-15-100A	**PA903**
LF01-15-100	**PA903**
LF01-15-100A	**PA903**
LF94-15-010A	**PA903**
LF94-15-100	**PA903**
LF94-15-100A	**PA903**
RF01-99-154	**PA786**
RF03-15-010B	**PA786**
MERCEDES BENZ	
000 200 03 01	**PA617**
102 200 01 20	**PA377**
102 200 03 01	**PA272**
102 200 03 20	**PA272**
102 200 04 01	**PA272**
102 200 04 20	**PA272**
102 200 05 20	**PA495**
102 200 06 20	**PA495**
102 200 08 01	**PA377**
102 200 09 01	**PA377**
102 200 09 20	**PA495**
102 200 11 01	**PA272**
102 200 15 01	**PA272**
102 200 39 01	**PA495**
102 200 41 01	**PA272**
102 200 42 01	**PA377**
102 200 43 01	**PA272**
102 200 49 01	**PA495**
102 200 50 01	**PA495**
102 200 62 01	**PA495**
103 200 04 01	**PA735**
103 200 05 01	**PA414A**

MERCEDES BENZ

Adaptable to	GRAF ref.
103 200 07 01	PA449
103 200 16 01	PA735
103 200 17 01	PA449
103 200 18 01	PA414A
103 200 20 01	PA449
103 200 20 01	PA735
103 200 21 01	PA414A
103 200 26 01	PA449
103 200 27 01	PA414A
103 200 37 01	PA449
103 200 38 01	PA414A
104 200 03 01	PA450
104 200 08 01	PA608
104 200 13 01	PA584
104 200 27 01	PA610
104 200 28 01	PA661
104 200 29 01	PA450
104 200 30 01	PA584
104 200 31 01	PA608
104 200 32 01	PA610
104 200 33 01	PA580
104 200 44 01	PA580
104 200 45 01	PA661
104 200 46 01	PA584
104 200 47 01	PA580
104 200 48 01	PA610
104 200 49 01	PA661
104 200 54 01	PA661
110 200 01 20	PA105
110 200 02 20	PA135
110 200 04 20	PA119
110 200 09 20	PA105
110 200 10 20	PA135
110 200 11 20	PA119
110 200 17 20	PA105
110 200 19 20	PA119
110 200 20 20	PA135
111 200 04 01	PA582
111 200 21 01	PA708
111 200 23 01	PA687
111 200 24 01	PA709
111 200 25 01	PA709
111 200 38 01	PA708
111 200 39 01	PA709
111 200 40 01	PA582
111 200 42 01	PA899
111 200 43 01	PA910
112 200 01 23	PA710
112 200 02 01	PA710
112 200 04 01	PA710
112 200 05 01	PA711
112 200 10 01	PA711
112 200 11 01	PA710
112 200 14 01	PA710
112 200 15 01	PA711
113 200 03 01	PA1173
115 200 01 20	PA133
115 200 12 20	PA133
115 200 15 20	PA134
116 200 11 01	PA447
116 200 12 01	PA447
116 200 13 01	PA447
116 200 14 01	PA447
116 200 16 01	PA447
116 200 17 01	PA447
117 200 02 01	PA106
117 200 03 01	PA106
117 200 08 01	PA106
117 200 17 01	PA567
117 200 28 01	PA106
117 200 29 01	PA567
117 200 33 01	PA567
117 200 38 01	PA106
119 200 04 01	PA578
119 200 09 01	PA578
119 200 15 01	PA578
119 200 21 01	PA613
121 200 11 20	PA133
127 200 02 20	PA133
166 200 03 20	PA678
166 200 04 20	PA678
166 200 05 20	PA678
166 200 06 20	PA736
166 200 07 20	PA736
271 200 02 01	PA885
271 200 04 01	PA1107
271 200 06 01	PA1107
271 200 10 01	PA1107
272 200 04 01	PA1028
272 200 09 01	PA1027
272 200 10 01	PA1038
272 200 13 01	PA1098
272 200 16 01	PA1098
273 200 02 01	PA1029
601 200 02 20	PA446
601 200 09 20	PA446
601 200 11 20	PA583
602 200 00 20	PA448
602 200 02 20	PA448
602 200 04 20	PA448
605 200 01 20	PA706
605 200 03 20	PA706
605 200 05 20	PA706
605 200 08 20	PA706
607 200 00 07	PA1091
611 200 02 01	PA752
611 200 04 01	PA908
611 200 05 01	PA888
611 200 08 01	PA888
611 200 10 01	PA908
611 200 11 01	PA888
611 200 12 01	PA752
613 200 06 01	PA955
613 200 07 01	PA746
613 200 09 01	PA889
640 200 03 01	PA978
640 200 04 20	PA1179
642 200 07 01	PA992
642 200 10 01	PA993
642 200 17 01	PA992
646 200 03 01	PA909
646 200 10 01	PA1006
651 200 23 01	PA1197

MERCEDES BENZ LCV,

Adaptable to	GRAF ref.
102 200 03 01	PA272
102 200 03 20	PA272
102 200 04 01	PA272
102 200 04 20	PA272
102 200 11 01	PA272
102 200 15 01	PA272
102 200 41 01	PA272
102 200 43 01	PA272
110 200 01 20	PA105
110 200 09 20	PA105
110 200 17 20	PA105
111 200 21 01	PA708
111 200 22 01	PA677
111 200 24 01	PA709
111 200 25 01	PA709
111 200 38 01	PA708
111 200 39 01	PA709
111 200 41 01	PA677
111 200 41 01 80	PA677
112 200 01 23	PA710
112 200 02 01	PA710
112 200 04 01	PA710
112 200 11 01	PA710
112 200 14 01	PA710
115 200 15 20	PA134
271 200 05 01	PA1109
271 200 09 01	PA1109
272 200 13 01	PA1098
272 200 16 01	PA1098
353 200 56 01	PA870
366 200 59 01	PA871
403 200 71 01	PA873
403 200 73 01	PA872
422 200 10 01	PA874
602 200 00 20	PA448
602 200 02 20	PA448
602 200 04 20	PA448
603 200 00 20	PA448
607 200 00 07	PA1091
611 200 04 01	PA908
611 200 05 01	PA908
611 200 08 01	PA888
611 200 10 01	PA908
611 200 11 01	PA888
642 200 07 01	PA992
642 200 10 01	PA993
642 200 17 01	PA992
646 200 10 01	PA1006
647 200 01 01	PA1059
651 200 23 01	PA1197

MINI

Adaptable to	GRAF ref.
11 51 1 485 846	PA860
11 51 7 510 803	PA860
11 51 7 513 062	PA860
11 51 7 520 123	PA985
11 51 7 550 484	PA994
11 51 7 790 871	PA890
11 51 7 805 992	PA938
11 51 7 805 992	KP938-1
11 51 7 829 914	PA860
11 51 7 829 922	PA860
11 51 8 512 443	PA1189

MITSUBISHI

Adaptable to	GRAF ref.
1300A045	PA1159
1300A065	PA1145
1300A069	PA1003
1300A082	PA1082
1300A083	PA1135
1300A095	PA986
1300A097	PA1171
25100-33012	PA1025
30621589	KP822-1
M345611	PA531
M855991	PA531
MD009000	PA997
MD009019	PA997
MD011757	PA922
MD030863	PA697
MD050450	PA700
MD168048	PA700
MD168050	PA700
MD180580	PA935
MD300799	PA799
MD301847	PA700
MD302010	PA935
MD309756	PA732
MD313301	PA937
MD323372	PA1009
MD346790	PA732
MD349885	PA1009
MD365087	PA1009
MD370803	PA1009
MD4667660	PA688
MD664616	PA700
MD971538	PA918
MD971539	PA796
MD971582	PA780
MD972001	PA700
MD972002	PA701
MD972003	PA795
MD972004	PA795
MD972050	PA918
MD972052	PA702
MD972053	PA776
MD972054	PA796
MD972440	PA920
MD972934	PA1229
MD974649	PA697
MD974719	PA782
MD974899	PA999
MD974999	PA701
MD976464	PA999
MD976943	PA999
MD977503	PA1012
MD978552	PA1003
MD979171	PA1012
MD979313	PA1145
MD979395	PA1145
MD980000	PA795
MD997076	PA697
MD997077	PA997
MD997079	PA780
MD997080	PA780
MD997081	PA922
MD997084	PA700
MD997150	PA700
MD997151	PA700
MD997160	PA700
MD997170	PA700
MD997244	PA795
MD997515	PA795
MD997609	PA697
MD997610	PA997
MD997611	PA782
MD997612	PA780
MD997613	PA780
MD997614	PA922
MD997615	PA780
MD997618	PA700
MD997619	PA782
MD997621	PA702
MD997622	PA776
MD997634	PA795
MD997686	PA701
MD997692	PA789
MD997699	PA782
ME200411	PA930
ME993473	PA930
ME993474	PA1016
ME996789	PA930
MN143664	PA986
MN155686	PA1000
MN960330	PA978
MN960428	PA978
MN980134	PA905
MN980266	PA905
MN982187	PA1049
MN982325	PA1049
MW30620725	PA822
MW30620725	KP822-1
MW30621589	KP822-1
MW31303112	PA1087

MITSUBISHI LCV

Adaptable to	GRAF ref.
1300A097	PA1171
MD009000	PA997
MD009019	PA997
MD168048	PA700
MD168050	PA700
MD301847	PA700
MD664616	PA700
MD971582	PA780
MD972001	PA700
MD972934	PA1229
MD997077	PA997
MD997079	PA780
MD997080	PA780
MD997084	PA700
MD997150	PA700
MD997151	PA700
MD997160	PA700
MD997170	PA700
MD997610	PA997
MD997612	PA780
MD997613	PA780
MD997615	PA780
MD997618	PA700
ME015217	PA1114
ME995424	PA1114
ME996868	PA1114

NISSAN

Adaptable to	GRAF ref.
11720-00QA0	KP983-1
13070-BN700	KP821-1
13077-00QAG	KP983-1
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16806-00QA8	KP821-1
16806-00QAX	KP821-1
21010-00Q0C	PA1037
21010-00Q0E	PA977
21010-00Q0E	KP821-1
21010-00Q0G	PA983
21010-00Q0G	KP983-1
21010-00Q0L	PA981
21010-00Q0M	PA1091
21010-00Q0N	PA1097
21010-00Q2B	PA981
21010-00Q2C	PA1185
21010-00QAE	KP821-1
21010-00QAS	PA821
21010-00QAS	KP821-1
21010-00QAT	PA821
21010-00QAT	KP821-1
21010-01B25	PA436
21010-01B26	PA436
21010-01B27	PA436
21010-01B28	PA436
21010-01BY9	PA436
21010-01M00	PA434
21010-01M01	PA434
21010-01M25	PA434
21010-05E25	PA788
21010-05E26	PA788
21010-05E27	PA788
21010-06E25	PA435
21010-06E26	PA435
21010-06EY6	PA784
21010-0F001	PA932
21010-0F002	PA932
21010-0F003	PA932
21010-0M300	PA493A
21010-0M301	PA493A
21010-0M302	PA493A
21010-12G26	PA813
21010-12G28	PA813
21010-16E02	PA602
21010-16E25	PA602
21010-16E26	PA602
21010-18025	PA201
21010-19B25	PA611
21010-1KC0A	PA1172
21010-21000	PA202

Adaptable to	GRAF ref.
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21010-21025	**PA202**
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21010-22J00	**PA539**
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21010-24B25	**PA611**
21010-28J25	**PA539**
21010-28J26	**PA539**
21010-31U25	**PA648**
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21010-31U85	**PA648**
21010-40F25	**PA927**
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21010-41B03	**PA537**
21010-43G25	**PA814**
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21010-43G86	**PA814**
21010-44G85	**PA995**
210104A00F	**PA1052**
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21010-4M526	**PA830**
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21010-50A94	**PA434**
21010-50VY5	**PA540**
21010-53J00	**PA508**
21010-53J01	**PA508**
21010-53J03	**PA508**
21010-53J04	**PA508**
21010-53J05	**PA508**
21010-53Y00	**PA493A**
21010-53Y01	**PA493A**
21010-54A26	**PA770**
21010-54A27	**PA770**
21010-57J00	**PA703**
21010-57J01	**PA703**
21010-57J02	**PA703**
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21010-57J25	**PA703**
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21010-61526	**PA781**
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21010-80W27	**PA812**
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21010-9F501	**PA508**
21010-9F600	**PA830**
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21010-AD226	**PA823**
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21010-G5594	**PA635**
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21010-H5000	**PA201**
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B1010-ED00A	**PA1131**
B1010-EN20B	**PA1183**
B1010-VK525	**PA1042**
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BA010-D0126	**PA777**
BA010-G5586	**PA635**
BA010-M6686	**PA201**
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16806-00QAF	**KP822-1**
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21010-00Q2B	**PA981**
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21010-00QAC	**KP822-1**
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21010-12G28	**PA813**
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21010-44G27	**PA995**
21010-44G29	**PA995**
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12591894	**PA957**
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1334006	**PA302**
1334008	**PA325**
1334009	**PA326**
1334010	**PA442**
1334011	**PA443**
1334012	**PA236**
1334013	**PA235**
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1334015	**PA236**
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1334017	**PA409**
1334021	**PA326**
1334023	**PA441**
1334024	**PA443**
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1334025	**KP442-1**
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1334031	**PA571**
1334032	**PA234**
1334034	**PA415**
1334035	**PA234**
1334038	**PA409**
1334041	**PA572**
1334041	**KP572-1**
1334045	**PA121**
1334046	**PA541**
1334046	**KP541-1**
1334046	**KP541-2**
1334050	**PA572**
1334050	**KP572-1**
1334052	**PA571**
1334053	**PA572**
1334054	**PA577**
1334058	**PA150**
1334059	**PA637**
1334065	**PA442**
1334065	**KP442-1**
1334066	**PA541**
1334066	**KP541-1**
1334066	**KP541-2**
1334069	**PA664**
1334070	**PA441**
1334071	**PA108**
1334072	**PA234**
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1334074	**PA121**
1334077	**PA541A**
1334077	**KP541-3**
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1334079	**PA729**
1334081	**PA234**
1334082	**PA1053**
1334084	**PA235**
1334087	**PA121**
1334091	**PA237**
1334097	**PA244**
1334098	**PA442**
1334098	**KP442-1**
1334099	**PA236**
1334102	**PA415**
1334104	**PA809**
1334105	**PA571**
1334107	**PA415**
1334112	**PA502A**
1334113	**PA809**
1334114	**PA728**
1334115	**PA664**
1334117	**PA730**
1334119	**KP572-1**
1334121	**PA665**
1334123	**PA671**
1334123	**PA802**
1334124	**PA502A**
1334128	**PA1124**
1334130	**PA729**
1334132	**KP442-1**
1334135	**PA727**
1334135	**KP727-1**
1334137	**KP572-1**
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1334145	**PA958**

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1334169	**PA1124**
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1334210	**PA1124**
1334268	**PA834**
1334284	**PA1085**
1334284	**KP1085-2**
1334646	**PA572**
1334646	**KP572-1**
1334647	**PA1083**
1334648	**PA991**
1334711	**PA1083**
1606368	**KP442-1**
1606369	**KP442-1**
24405895	**PA959**
24439798	**PA957**
24451896	**KP541-1**
24461382	**PA957**
24467301	**PA957**
24469102	**PA958**
25183429	**PA1068**
2866233	**PA046**
2898355	**PA234**
3469874	**PA121**
4708767	**PA1083**
4709352	**PA1052**
4711549	**PA1052**
4804957	**PA957**
4805174	**PA1068**
4817801	**PA572A**
4817953	**PA1068**
55561623	**PA1124**
55568637	**KP1085-2**
55587345	**PA1124**
55595610	**PA1124**
55779016	**PA1124**
5636357	**KP541-1**
5636456	**KP672-2**
5636463	**KP672-2**
5636475	**KP672-2**
5636743	**KP672-2**
5636745	**KP672-2**
6334000	**PA572**
6334000	**KP572-1**
6334001	**PA1083**
6334002	**PA957**
6334003	**PA672**
6334003	**KP672-1**
6334003	**KP672-2**
6334004	**PA415**
6334005	**PA728**
6334007	**PA571**
6334008	**PA664**
6334009	**PA502A**
6334011	**PA410**
6334019	**PA834**
6334022	**PA729**
6334024	**PA834**
6334025	**PA729**
6334035	**PA541A**
6334035	**KP541-3**
6334036	**PA727**
6334038	**PA664**
6334039	**PA940**
6334040	**PA730**
6334042	**PA957**
6334043	**PA991**
6334048	**PA1077**
6334049	**PA729**
90076952	**PA441**
90091035	**PA108**
90096415	**PA121**
90106450	**PA236**
90106656	**PA235**
90108735	**PA234**
90136224	**PA234**
90136377	**PA237**
90136382	**PA121**
90144227	**PA442**
90144227	**KP442-1**
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90183273	**PA441**
90183665	**PA302**
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90233511	**PA302**
90234200	**PA443**
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90272361	**PA325**
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90284802	**PA235**
90284913	**PA324**
90285418	**PA236**
90295078	**PA324**
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90325660	**KP442-1**
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90349239	**PA442**
90349239	**KP442-1**
90349241	**PA441**
90409912	**PA108**
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90443549	**PA572**
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90444079	**KP541-1**
90444079	**KP541-2**
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90444311	**PA572**
90444359	**PA572A**
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90540478	**PA730**
90541671	**PA502A**
90542606	**PA729**
90543935	**PA727**
90543935	**KP727-1**
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91151669	**PA802**
9128724	**KP541-1**
9192370	**PA572**
9192793	**PA442**
9192793	**KP442-1**
9192797	**PA541**
9192797	**KP541-1**
9192797	**KP541-2**
9194747	**PA957**
9199592	**PA541A**
9199592	**KP541-3**
9199595	**PA940**
92226211	**PA572A**
9292375	**PA150**
93170401	**PA957**
93170697	**PA637**
93172718	**PA957**
93174119	**KP541-2**
93174119	**KP541-3**
93174119	**KP727-1**
93174120	**KP541-1**
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93178602	**PA957**
93178713	**KP672-1**
93178807	**KP672-2**
93178816	**KP672-2**
93179114	**KP1085-2**
93179361	**PA728**
93179364	**PA664**
93179365	**PA502A**
93180218	**KP541-2**
93180218	**KP541-3**
93180218	**KP727-1**
93180219	**KP541-1**
93181966	**KP672-2**
93182026	**PA729**
93182028	**PA834**
93182038	**PA541A**
93182038	**KP541-3**
93182041	**PA664**
93182042	**PA940**
93182043	**PA730**
9318208	**PA834**
93185845	**KP541-2**
93185845	**KP541-3**
93185845	**KP727-1**
93186866	**KP672-2**
93188125	**KP442-1**
93188126	**KP442-1**
93189693	**PA729**
93191278	**KP1085-2**
93191762	**PA1085**
93191762	**KP1085-2**
93194246	**PA1052**
93195466	**PA1083**
93284724	**PA572**
94124093	**PA410**
94341998	**PA571**
94386207	**PA415**
95507627	**PA572A**
96353151	**PA572**
97101319	**PA415**
97101320	**PA571**
97105012	**PA809**
97110386	**PA415**
97110387	**PA571**
97114682	**PA664**
97114683	**PA728**
97123330	**PA809**
97135548	**PA665**
97220278	**PA664**
97251178	**PA834**
97287175	**PA834**
97307468	**PA834**
98003100	**PA1077**
98109416	**PA834**
R1160012	**PA442**
R1160012	**KP442-1**
R1160018	**PA325**
R1160024	**PA324**
R1160025	**PA415**
R1160027	**PA326**
R1160028	**PA571**
R1160030	**PA541**
R1160030	**KP541-1**
R1160030	**KP541-2**
R1160031	**PA577**
R1160032	**PA572**
R1160034	**PA409**
R1160036	**PA664**
R1160037	**PA415**
R1160038	**PA728**
R1160039	**PA665**
R1160043	**PA637**
R1160044	**PA671**
R1160044	**PA802**
OPEL LCV	
1334004	**PA441**
1334008	**PA325**
1334011	**PA443**
1334012	**PA236**
1334014	**PA324**
1334015	**PA236**
1334016	**PA410**
1334023	**PA441**
1334024	**PA443**
1334025	**PA442**
1334025	**KP442-1**
1334027	**PA108**
1334031	**PA571**
1334034	**PA415**
1334041	**PA572**
1334046	**PA541**
1334046	**KP541-1**
1334046	**KP541-2**
1334050	**PA572**
1334052	**PA571**
1334053	**PA572**
1334065	**PA442**
1334065	**KP442-1**
1334066	**PA541**
1334066	**KP541-1**
1334066	**KP541-2**
1334070	**PA441**
1334071	**PA108**
1334073	**PA834**
1334077	**PA541A**
1334077	**KP541-3**
1334078	**PA940**
1334079	**PA729**
1334098	**PA442**
1334098	**KP442-1**
1334099	**PA236**
1334102	**PA415**
1334104	**PA809**
1334105	**PA571**
1334107	**PA415**
1334113	**PA809**
1334114	**PA728**
1334115	**PA664**
1334117	**PA730**
1334128	**PA1124**
1334130	**PA729**
1334132	**KP442-1**
1334142	**PA959**
1334145	**PA958**
1334147	**PA1085**
1334147	**KP1085-2**
1334153	**PA1085**
1334169	**PA1124**
1334190	**PA1030**
1334210	**PA1124**
1334284	**PA1085**
1334284	**KP1085-2**
1334647	**PA1083**
1606368	**KP442-1**
1606369	**KP442-1**
24405895	**PA959**
24451896	**KP541-1**
24469102	**PA958**
4401595	**PA803**
4404088	**PA178**
4408028	**PA822**
4408028	**KP822-1**
4409162	**PA531**
4420987	**PA1182**
4431125	**PA1037**
4449049	**PA1087**
4501293	**PA750**
4501294	**PA751**
4506045	**PA803**
55221397	**PA1030**
55561623	**PA1124**
55568637	**KP1085-2**
55587345	**PA1124**
55595610	**PA1124**
55779016	**PA1124**
5636357	**KP541-1**
6334001	**PA1083**
6334003	**PA672**
6334004	**PA415**
6334005	**PA728**
6334007	**PA571**
6334025	**PA729**
6334035	**PA541A**
6334035	**KP541-3**
6334039	**PA940**
6334040	**PA730**
6334048	**PA1077**
6334049	**PA729**
90076952	**PA441**
90091035	**PA108**
90106450	**PA236**
90144227	**PA442**
90183273	**PA441**
90220568	**PA325**
90234200	**PA443**
90272361	**PA325**
90284913	**PA324**
90285418	**PA236**
90295078	**PA324**
90325660	**PA442**
90325660	**KP442-1**
90325661	**PA443**
90349239	**KP442-1**
90349241	**PA441**
90409912	**PA108**
90443549	**PA572**
90444079	**PA541**
90444079	**KP541-1**
90444079	**KP541-2**
90444311	**PA572**
90540478	**PA730**
90542606	**PA729**
91158706	**KP822-1**
91159773	**PA822**
91159773	**KP822-1**
9128724	**KP541-1**
9192370	**PA572**
9192793	**PA442**
9192797	**PA541**
9192797	**KP541-1**
9192797	**KP541-2**
9199592	**PA541A**
9199592	**KP541-3**
9199595	**PA940**
93161478	**KP822-1**
93161595	**PA1037**
93168730	**PA1182**
93174119	**KP541-2**
93174119	**KP541-3**
93174120	**KP541-1**
93179114	**KP1085-2**
93179361	**PA728**
93180218	**KP541-2**
93180218	**KP541-3**
93180219	**KP541-1**
93180219	**KP541-1**
93181966	**KP672-2**
93182026	**PA729**
93182028	**PA834**
93182038	**PA541A**
93182038	**KP541-3**
93182041	**PA664**
93182042	**PA940**
93182043	**PA730**
9318208	**PA834**
93185845	**KP541-2**
93185845	**KP541-3**
93185845	**KP727-1**
93186866	**KP672-2**
93188125	**KP442-1**
93188126	**KP442-1**
93189693	**PA729**
93191278	**KP1085-2**
93191762	**PA1085**
93191762	**KP1085-2**
94124093	**PA410**
94341998	**PA571**
94386207	**PA415**
97101319	**PA415**
97101320	**PA571**
97105012	**PA809**
97110386	**PA415**
97110387	**PA571**
97114682	**PA664**
97114683	**PA728**
97123330	**PA809**
98003100	**PA1077**

OPEL LCV

Adaptable to	GRAF ref.
R1160012	KP442-1
R1160018	PA325
R1160024	PA324
R1160025	PA415
R1160030	PA541
R1160030	KP541-1
R1160030	KP541-2
R1160032	PA572
R1160037	PA415
R1160038	PA728

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Adaptable to	GRAF ref.
0831.02	KP628-2
0831.03	KP628-1
0831.13	KP628-2
0831.14	KP628-1
0831.24	KP491-1
0831.40	KP747-1
0831.41	KP747-1
0831.58	KP747-3
0831.59	KP747-3
0831.62	KP747-1
0831.73	KP747-4
0831.74	KP747-4
0831.78	KP747-2
0831.79	KP747-2
0831.80	KP859-1
0831.81	KP859-1
0831.82	KP747-1
0831.83	KP747-1
0831.84	KP837-2
0831.85	KP837-2
0831.86	KP837-1
0831.87	KP837-1
0831.K0	KP861-2
0831.L6	KP683-1
0831.L7	KP683-1
0831.N2	KP747-3
0831.N3	KP747-3
0831.N4	KP747-2
0831.P1	KP938-1
0831.Q3	KP628-2
0831.Q4	KP628-1
0831.Q5	KP491-1
0831.R2	KP628-1
0831.R7	KP747-3
0831.R8	KP747-1
0831.S2	KP747-4
0831.V1	KP683-1
0831.V3	KP747-1
1201.00	KP491-1
1201.00	KP628-1
1201.00	KP628-2
1201.18	KP628-1
1201.18	KP628-2
1201.19	PA095
1201.29	PA095
1201.30	PA154
1201.35	PA297
1201.39	PA256
1201.42	PA303
1201.45	PA197
1201.47	KP628-1
1201.47	KP628-2
1201.48	PA393
1201.50	PA348
1201.51	PA393
1201.52	PA391
1201.54	PA542
1201.55	PA542
1201.58	PA491
1201.58	KP491-1
1201.60	PA393
1201.61	PA348
1201.62	PA393
1201.63	PA256
1201.65	PA391
1201.67	PA391
1201.69	PA147
1201.70	PA643
1201.74	PA297
1201.76	PA303
1201.89	PA252
1201.90	PA251
1201.91	PA391
1201.93	PA641
1201.97	KP491-1
1201.98	PA642
1201.A1	PA641
1201.A2	PA683
1201.A2	KP683-1
1201.A3	PA643
1201.A4	PA391
1201.A5	PA684
1201.A6	PA653
1201.A7	PA542
1201.A8	PA911
1201.C4	PA747
1201.C4	KP747-1
1201.C4	KP747-2
1201.C4	KP747-3
1201.C4	KP747-4
1201.C5	PA542
1201.C6	PA542
1201.C7	PA653
1201.E1	PA862
1201.E3	PA628
1201.E3	KP628-1
1201.E3	KP628-2
1201.E4	PA491
1201.E4	KP491-1
1201.E5	PA683
1201.E5	KP683-1
1201.E6	PA491
1201.E6	KP491-1
1201.E7	PA863
1201.E8	PA861
1201.E8	KP861-2
1201.E9	PA906
1201.F2	PA960
1201.F4	PA862
1201.F5	PA863
1201.F6	PA886
1201.F9	PA859
1201.F9	KP859-1
1201.G0	PA837
1201.G0	KP837-1
1201.G0	KP837-2
1201.G1	PA938
1201.G1	KP938-1
1201.G2	PA941
1201.G4	PA862
1201.G5	PA863
1201.G6	PA1067
1201.G8	PA859
1201.G8	KP859-1
1201.G9	PA938
1201.G9	KP938-1
1201.H0	PA1020
1201.H4	KP683-1
1201.H7	PA1049
1201.H8	PA994
1201.J0	PA1020
1201.J1	PA862
1201.J2	PA863
1201.J6	PA1049
1201.J9	PA1082
1201.K1	PA1044
1201.K1	PA1045
1201.K2	PA1110
1201.K4	PA1135
1201.K5	PA1158
1201.K6	PA1020
1201.K8	PA938
1201.L2	PA1044
1201.L2	PA1045
1201.L3	PA1020
1202.13	PA073
1202.37	PA073
1202.39	PA154
1202.40	PA095
1202.44	PA096
1202.48	PA074
1202.50	PA095
1202.55	PA095
1202.56	PA154
1202.58	PA147
1202.59	PA074
1202.60	PA074
1202.67	PA095
1202.68	PA154
1202.70	PA190
1202.71	PA190
1202.73	PA189
1202.74	PA189
1202.84	PA074
1202.85	PA189
1202.86	PA189
1202.90	PA096
1202.93	PA246
1202.94	PA123
1202.96	PA129
1202.97	PA252
1202.98	PA251
1204.34	KP628-1
1204.34	KP628-2
1207.18	PA628
1207.18	KP628-1
1207.18	KP628-2
1207.23	PA628
1207.23	KP628-1
1207.25	PA491
1207.25	KP491-1
1607852880	PA1171
1607854280	PA986
1609402180	PA861
1609402380	PA747
1609402380	KP747-1
1609402380	KP747-2
1609402380	KP747-3
1609402480	PA862
1609417080	PA837
1609417180	PA941
1609417280	PA683
1609417380	PA859
1609417380	KP859-1
1609417480	PA862
1609417680	PA938
9608564280	KP491-1
9801573380	PA994
9803442480	PA1239

PEUGEOT LCV

Adaptable to	GRAF ref.
0831.02	KP628-2
0831.03	KP628-1
0831.13	KP628-2
0831.14	KP628-1
0831.40	KP747-1
0831.41	KP747-1
0831.58	KP747-3
0831.59	KP747-3
0831.62	KP747-1
0831.73	KP747-4
0831.74	KP747-4
0831.78	KP747-2
0831.79	KP747-2
0831.82	KP747-1
0831.83	KP747-1
0831.86	KP837-1
0831.87	KP837-1
0831.K0	KP861-2
0831.L6	KP683-1
0831.L7	KP683-1
0831.N2	KP747-3
0831.N3	KP747-3
0831.N4	KP747-2
0831.P1	KP938-1
0831.Q3	KP628-2
0831.Q4	KP628-1
0831.R2	KP628-1
0831.R7	KP747-3
0831.R8	KP747-1
0831.S2	KP747-4
0831.V1	KP683-1
0831.V3	KP747-1
1201.00	KP628-1
1201.00	KP628-2
1201.62	PA393
1201.62	PA1020
1201.62	KP747-1
1201.62	KP747-2
1201.62	KP747-3
1201.62	KP747-4
1201.C9	PA607
1201.E1	PA862
1201.E3	PA628
1201.E3	KP628-1
1201.E3	KP628-2
1201.E4	PA491
1201.E5	PA683
1201.E5	KP683-1
1201.E6	PA491
1201.E8	PA861
1201.E8	KP861-2
1201.F4	PA862
1201.F9	PA859
1201.G0	PA837
1201.G0	KP837-1
1201.G1	PA938
1201.G1	KP938-1
1201.G4	PA862
1201.G8	PA859
1201.G9	PA938
1201.G9	KP938-1
1201.H4	KP683-1
1201.H5	PA607
1201.H6	PA996
1201.H8	PA994
1201.J1	PA862
1201.J4	PA1026
1201.K0	PA1026
1201.K1	PA1044
1201.K1	PA1045
1201.K2	PA1110
1201.K8	PA938
1201.L2	PA1044
1201.L2	PA1045
1201.L9	PA1083
1202.38	PA158
1202.49	PA157
1202.51	PA336
1202.78	PA157
1202.79	PA158
1202.88	PA309
1202.89	PA308
1202.91	PA309
1202.92	PA308
1202.95	PA309
1202.99	PA309
1204.34	KP628-1
1204.34	KP628-2
1207.18	PA628
1207.18	KP628-1
1207.18	KP628-2
1207.23	PA628
1207.23	KP628-1
1207.23	KP628-2
1207.25	PA491
1609402180	PA861
1609402380	PA747
1609402380	KP747-1
1609402380	KP747-2
1609402380	KP747-3
1609402380	KP747-4
1609417080	PA837
1609417280	PA683
1609417380	PA859
1609417680	PA938
1609944880	PA996
504033770	PA900
75530147	PA315
95548541	PA315
9801573380	PA994

PIAGGIO

Adaptable to	GRAF ref.
493169	PA1200

PORSCHE

Adaptable to	GRAF ref.
048 121 011	PA233
060 121 011	PA233
94810601104	PA1148
95510601100	PA1041
95510603300	PA1041
95510603310	PA979
95810603320	PA979
95810603330	PA1141
99610601151	PA1081
99610601152	PA1081
99610601153	PA1081
99610601154	PA1081
99610601155	PA1081
99610601175	PA1162
99710601102	PA1152

PORSCHE

Adaptable to	GRAF ref.
99710601105	PA1152
99710601170	PA1213
99710601171	PA1213
9A110604800	PA1216
9A110604801	PA1216
9A110604870	PA1214

RENAULT

Adaptable to	GRAF ref.
21 01 027 73R	PA1183
21 01 033 14R	PA981
21 01 080 30R	PA1065
21 01 087 96R	PA1185
210100906R	PA1065
210101832R	PA983
210101832R	KP983-1
210105296R	PA1043
210108845R	PA983
210108845R	KP983-1
210109189R	PA1075
50 01 851 798	PA1176
74 38 610 006	PA1019
74 38 610 006	KP1019-1
74 38 610 006	KP1019-3
74 38 610 035	PA1019
74 38 610 035	KP1019-1
74 38 610 035	KP1019-3
74 38 610 040	KP1019-1
74 38 610 041	KP1019-3
77 00 105 176	PA724A
77 00 105 176	KP724-1
77 00 105 378	PA724A
77 00 105 378	KP724-1
77 00 106 101	PA723
77 00 107 845	PA723
77 00 111 675	PA822
77 00 111 675	KP822-1
77 00 111 675	KP822-2
77 00 274 330	PA724A
77 00 274 330	KP724-1
77 00 736 091	PA412
77 00 859 931	PA627
77 00 861 627	PA723
77 00 861 686	PA1035
77 00 864 596	PA632
77 00 864 596	KP632-1
77 00 866 518	PA633
77 00 871 801	PA627
77 01 041 348	PA632
77 01 041 348	KP632-1
77 01 452 155	PA581
77 01 452 782	PA047
77 01 457 415	PA581
77 01 457 416	PA081
77 01 457 451	PA140
77 01 457 595	PA047
77 01 457 671	PA142
77 01 457 771	PA047
77 01 459 435	PA081
77 01 459 820	PA147
77 01 460 696	PA245
77 01 460 697	PA110
77 01 460 698	PA511
77 01 461 006	PA573
77 01 461 101	PA511
77 01 461 173	PA547
77 01 461 174	PA140
77 01 461 336	PA527
77 01 461 405	PA247
77 01 462 085	PA576
77 01 462 086	PA576
77 01 462 145	PA550
77 01 462 145	PA595
77 01 462 389	PA282
77 01 462 491	PA550
77 01 462 491	PA595
77 01 462 809	PA531
77 01 463 014	PA353
77 01 463 111	PA531
77 01 463 182	PA247
77 01 463 377	PA550
77 01 463 377	PA595
77 01 463 397	PA531
77 01 463 637	PA301
77 01 464 030	PA543
77 01 464 054	PA530
77 01 464 054	PA594
77 01 464 538	PA574
77 01 464 736	PA531
77 01 465 122	PA515
77 01 465 513	PA514
77 01 465 643	PA513
77 01 465 816	PA531
77 01 466 152	PA516
77 01 466 419	PA550
77 01 466 419	PA595
77 01 466 420	PA530
77 01 466 420	PA594
77 01 466 571	PA536
77 01 466 578	PA531
77 01 466 778	PA533
77 01 466 779	PA534
77 01 466 788	PA532
77 01 466 850	PA636
77 01 467 153	PA529
77 01 467 153	PA597
77 01 467 223	PA543
77 01 467 278	PA503
77 01 467 546	PA547
77 01 467 622	PA627
77 01 467 642	PA721
77 01 467 642	PA722
77 01 468 491	PA531
77 01 468 802	PA636
77 01 471 382	KP724-1
77 01 471 519	KP1019-3
77 01 471 520	KP1019-1
77 01 471 974	KP724-1
77 01 472 182	PA822
77 01 472 182	KP822-1
77 01 472 182	KP822-2
77 01 472 185	KP822-1
77 01 472 625	PA803
77 01 472 644	KP632-1
77 01 472 675	KP632-1
77 01 473 120	KP821-1
77 01 473 120	KP977-1
77 01 473 312	KP822-1
77 01 473 327	PA821
77 01 473 327	KP821-1
77 01 473 365	PA531
77 01 473 784	PA499
77 01 474 190	PA803
77 01 474 551	PA915
77 01 475 115	KP821-1
77 01 475 115	KP977-1
77 01 475 995	PA977
77 01 475 995	KP821-1
77 01 475 995	KP977-1
77 01 476 496	PA821
77 01 476 496	KP821-1
77 01 476 571	KP821-1
77 01 476 571	KP977-1
77 01 477 012	KP821-1
77 01 477 012	KP977-1
77 01 477 013	KP632-1
77 01 477 014	KP724-1
77 01 477 028	KP821-1
77 01 477 028	KP977-1
77 01 477 048	KP822-1
77 01 477 050	KP822-2
77 01 478 018	PA1035
77 01 478 031	PA977
77 01 478 031	KP821-1
77 01 478 031	KP977-1
77 01 478 830	PA1091
77 01 478 830	KP977-1
77 01 478 846	PA1095
77 01 478 923	PA983
77 01 478 923	KP983-1
77 01 478 924	PA981
77 01 478 924	KP632-1
77 01 478 925	PA1075
77 01 479 043	PA1087
77 01 479 043	KP822-1
77 01 479 043	KP822-2
77 01 479 114	PA1097
77 01 502 962	PA081
77 01 502 963	PA581
77 01 505 397	PA142
77 01 508 975	PA140
77 01 633 125	PA412
77 01 774 435	KP821-1
77 03 002 053	KP632-1
77 11 115 394	KP983-1
82 00 035 221	KP821-1
82 00 035 827	KP983-1
82 00 035 834	KP983-1
82 00 037 686	PA632
82 00 037 686	KP632-1
82 00 042 514	PA723
82 00 042 880	PA820
82 00 088 660	PA632
82 00 088 660	KP632-1
82 00 088 663	PA632
82 00 088 663	KP632-1
82 00 103 069	KP983-1
82 00 106 085	KP983-1
82 00 129 206	PA803
82 00 146 297	PA724A
82 00 146 297	KP724-1
82 00 146 298	PA1035
82 00 146 301	PA633
82 00 238 333	PA820
82 00 266 947	PA632
82 00 266 947	KP632-1
82 00 266 950	PA820
82 00 332 040	PA1037
82 00 397 732	PA983
82 00 397 732	KP983-1
82 00 397 735	PA981
82 00 397 735	KP632-1
82 00 428 447	KP724-1
82 00 454 895	KP983-1
82 00 582 675	PA1043
82 00 582 675	KP724-1
82 00 702 750	PA983
82 00 702 750	KP983-1
82 00 702 755	PA981
82 00 702 755	KP632-1
82 00 702 762	PA1075
82 00 704 394	KP983-1
82 01 013 780	PA803
86 71 019 519	KP821-1
86 71 019 519	KP977-1
86 71 019 520	KP632-1
96 35 018 180	PA960
96 37 506 680	PA653
96 40 344 280	PA653
96 41 117 180	PA886

RENAULT LCV, TRUCK

Adaptable to	GRAF ref.
210101832R	PA983
210101832R	KP983-1
210105296R	PA1043
210108845R	PA983
210108845R	KP983-1
50 01 001 274	PA178
50 01 851 798	PA1176
500316451	PA913
500362834	PA913
500362859	PA915
77 00 105 176	PA724A
77 00 105 176	KP724-1
77 00 105 378	PA724A
77 00 105 378	KP724-1
77 00 111 675	PA822
77 00 111 675	KP822-1
77 00 274 330	PA724A
77 00 274 330	KP724-1
77 00 736 091	PA412
77 00 861 686	PA632
77 00 864 596	KP632-1
77 00 866 518	PA633
77 01 041 348	PA632
77 01 041 348	KP632-1
77 01 057 952	PA1147
77 01 452 155	PA581
77 01 452 782	PA047
77 01 457 415	PA581
77 01 457 416	PA081
77 01 457 451	PA140
77 01 457 595	PA047
77 01 457 671	PA142
77 01 457 771	PA047
77 01 459 435	PA081
77 01 460 697	PA110
77 01 460 698	PA511
77 01 461 006	PA573
77 01 461 101	PA511
77 01 461 173	PA547
77 01 461 174	PA140
77 01 461 336	PA527
77 01 461 405	PA247
77 01 462 085	PA576
77 01 462 086	PA576
77 01 462 145	PA550
77 01 462 145	PA595
77 01 462 389	PA282
77 01 462 491	PA550
77 01 462 491	PA595
77 01 462 808	PA178
77 01 462 809	PA531
77 01 463 014	PA353
77 01 463 111	PA531
77 01 463 182	PA247
77 01 463 377	PA550
77 01 463 377	PA595
77 01 463 397	PA531
77 01 464 030	PA543
77 01 464 054	PA530
77 01 464 054	PA594
77 01 464 736	PA531
77 01 465 513	PA514
77 01 465 816	PA531
77 01 466 152	PA516
77 01 466 419	PA550
77 01 466 419	PA595
77 01 466 420	PA530
77 01 466 420	PA594
77 01 466 578	PA531
77 01 467 153	PA529
77 01 467 153	PA597
77 01 467 223	PA543
77 01 467 546	PA547
77 01 467 642	PA721
77 01 467 642	PA722
77 01 467 915	PA353
77 01 468 342	PA178
77 01 468 491	PA531
77 01 470 879	PA750
77 01 470 880	PA751
77 01 471 382	KP724-1
77 01 471 974	KP724-1
77 01 472 182	PA822
77 01 472 182	KP822-1
77 01 472 185	KP822-1
77 01 472 625	PA803
77 01 472 644	KP632-1
77 01 472 675	KP632-1
77 01 473 120	KP821-1
77 01 473 120	KP977-1
77 01 473 312	KP822-1
77 01 473 327	PA821
77 01 473 327	KP821-1
77 01 473 365	PA531
77 01 473 784	PA499
77 01 474 190	PA803
77 01 474 551	PA915
77 01 475 115	KP821-1
77 01 475 115	KP977-1
77 01 475 995	PA977
77 01 475 995	KP821-1
77 01 475 995	KP977-1
77 01 476 496	PA821
77 01 476 496	KP821-1
77 01 476 571	KP821-1
77 01 476 571	KP977-1
77 01 477 012	KP821-1
77 01 477 012	KP977-1
77 01 477 013	KP632-1
77 01 477 014	KP724-1
77 01 477 028	KP821-1
77 01 477 028	KP977-1
77 01 477 048	KP822-1
82 00 035 221	KP821-1
82 00 035 827	KP983-1
82 00 035 834	KP983-1
82 00 037 686	PA632
82 00 037 686	KP632-1
82 00 042 880	PA820
82 00 088 660	PA632
82 00 088 660	KP632-1
82 00 088 663	PA632
82 00 088 663	KP632-1
82 00 103 069	KP983-1
82 00 106 085	KP983-1
82 00 129 206	PA803
82 00 146 297	PA724A
82 00 146 297	KP724-1
82 00 146 298	PA1035
82 00 146 301	PA633
82 00 238 333	PA820
82 00 266 947	PA632
82 00 266 947	KP632-1
82 00 266 950	PA820
82 00 332 040	PA1037
82 00 397 732	PA983
82 00 397 732	KP983-1
82 00 397 735	KP632-1
82 00 428 447	KP724-1

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RENAULT LCV, TRUCK	
82 00 454 895	**KP983-1**
82 00 582 675	**PA1043**
82 00 582 675	**KP724-1**
82 00 702 750	**PA983**
82 00 702 750	**KP983-1**
82 00 702 755	**KP632-1**
82 00 704 394	**KP983-1**
82 01 013 780	**PA803**
8200944976	**PA1182**
86 71 019 519	**KP821-1**
86 71 019 519	**KP977-1**
86 71 019 520	**KP632-1**
ROVER	
GWP101	**PA187**
GWP102	**PA187**
GWP1104	**PA549**
GWP1140	**PA549**
GWP1143	**PA385**
GWP132	**PA187**
GWP134	**PA187**
GWP151	**PA375**
GWP154	**PA587**
GWP157	**PA374**
GWP158	**PA375**
GWP173	**PA374**
GWP183	**PA374**
GWP193	**PA562**
GWP195	**PA628**
GWP2156	**PA569A**
GWP2157	**PA428**
GWP2161	**PA428**
GWP2162	**PA420A**
GWP2163	**PA428**
GWP2166	**PA561A**
GWP2513	**PA391**
GWP2523	**PA671**
GWP2523	**PA802**
GWP2602	**PA884**
GWP2604	**PA883**
GWP2707	**PA561A**
GWP333	**PA427**
GWP336	**PA426**
GWP337	**PA393**
GWP338	**PA393**
GWP341	**PA628**
GWP342	**PA943**
GWP343	**PA564**
GWP344	**PA391**
GWP345	**PA943**
GWP346	**PA491**
GWP347	**PA562**
PEB000080	**PA426**
PEB10051	**PA427**
PEB102240	**PA884**
PEB102420	**PA562**
PEB102440	**PA883**
PEB102470L	**PA883**
PEB102510L	**PA427**
SAAB	
12566029	**PA991**
12588982	**PA991**
24405895	**PA959**
4610176	**PA413**
4610192	**PA413**
4770970	**PA637**
4772711	**PA730**
5005036	**PA036**

Adaptable to	GRAF ref.
55568637	**PA1085**
55568637	**KP1085-2**
5960414	**PA636**
6036362	**PA036**
7501547	**PA284**
7507460	**PA284**
8817900	**PA284**
8817918	**PA413**
8821944	**PA637**
8822710	**PA636**
8822744	**PA636**
8822793	**PA636**
90502378	**PA730**
90543935	**PA727**
90543935	**KP727-1**
9307893	**PA284**
93166829	**PA636**
93178713	**PA672**
93179114	**PA1085**
93179114	**KP1085-2**
93181118	**PA957**
93195308	**PA957**
9321670	**PA413**
9321688	**PA638**
9321951	**PA636**
SANTANA	
17400-69K00	**PA938**
SCANIA	
1314406	**PA869**
SEAT	
021 121 004	**PA617**
021 121 004A	**PA617**
026 121 005E	**PA279**
026 121 005F	**PA679**
026 121 005G	**PA279**
026 121 005H	**PA279**
026 121 005K	**PA679**
026 121 005L	**PA679**
026 121 010F	**PA579**
028 121 004	**PA609**
028 121 004V	**PA609**
028 121 004X	**PA609**
030 121 004A	**KP425-1**
030 121 004B	**KP425-1**
030 121 005H	**KP425-1**
030 121 005L	**PA425**
030 121 005L	**KP425-1**
030 121 005N	**PA603**
030 121 005N	**KP603-1**
030 121 005N	**KP603-2**
030 121 005NV	**PA603**
030 121 005NV	**KP603-1**
030 121 005NV	**KP603-2**
030 121 005NX	**PA603**
030 121 005NX	**KP603-1**
030 121 005NX	**KP603-2**
030 121 005S	**PA676**
030 121 005S	**KP676-1**
030 121 005T	**PA603**
030 121 005T	**KP603-1**
030 121 005T	**KP603-2**
030 121 005TX	**KP603-1**
030 121 005TX	**KP603-2**
030 121 008A	**PA676**
030 121 008A	**KP676-1**
030 121 008C	**PA676**

Adaptable to	GRAF ref.
030 121 008C	**KP676-1**
030 121 008CX	**KP676-1**
030 121 008D	**PA603**
030 121 008D	**KP603-1**
030 121 008D	**KP603-2**
030 121 008DX	**KP603-1**
030 121 008DX	**KP603-2**
030 121 008J	**KP603-1**
030 121 008J	**KP603-2**
030 121 008K	**PA603**
030 121 008K	**KP603-1**
030 121 008K	**KP603-2**
030 198 119A	**KP603-1**
030 198 119B	**KP676-1**
031 121 004A	**PA423**
031 121 005C	**PA423**
032 198 119	**KP603-2**
036 109 119AG	**KP674-2**
036 109 119M	**KP674-2**
036 109 119P	**KP674-2**
036 109 119Q	**KP674-2**
036 109 243AB	**KP674-2**
036 109 243AC	**KP674-2**
036 109 243AD	**KP674-2**
036 109 243AE	**KP674-2**
036 109 243AG	**KP674-2**
036 109 243E	**KP674-2**
036 109 243K	**KP674-2**
036 109 243L	**KP674-2**
036 109 243R	**KP674-2**
036 109 243S	**KP674-2**
036 109 244C	**KP674-2**
036 109 244D	**KP674-2**
036 109 244J	**KP674-2**
036 121 005B	**PA674**
036 121 005B	**KP674-1**
036 121 005B	**KP674-2**
036 121 005E	**PA674**
036 121 005E	**KP674-1**
036 121 005E	**KP674-2**
036 121 005EX	**KP674-1**
036 121 005F	**PA765**
036 121 005M	**PA654**
036 121 005P	**PA765**
036 121 005Q	**PA674**
036 121 005Q	**KP674-1**
036 121 005Q	**KP674-2**
036 121 005QX	**PA674**
036 121 005QX	**KP674-1**
036 121 005QX	**KP674-2**
036 121 005R	**KP674-1**
036 121 005S	**PA674**
036 121 005S	**KP674-1**
036 121 005S	**KP674-2**
036 121 005SX	**KP674-1**
036 121 008G	**PA765**
036 121 008K	**PA674**
036 121 008K	**KP674-2**
036 121 008KX	**KP674-1**
036 121 008L	**PA674**
036 121 008L	**KP674-1**
036 121 008L	**KP674-2**
036 121 008LX	**KP674-1**
036 121 008M	**PA674**
036 121 008M	**KP674-2**
036 198 119E	**KP674-1**
037 121 005C	**PA1104**
037 121 010	**PA579**
037 121 010A	**PA579**
037 121 010C	**PA1105**
038 109 244J	**KP905-2**
038 109 244N	**KP905-2**
038 120 011H	**KP905-1**
038 120 011HX	**KP905-1**
038 121 011	**PA731**
038 121 011	**KP731-1**
038 121 011A	**PA731**
038 121 011A	**KP731-1**

Adaptable to	GRAF ref.
038 121 011AV	**PA731**
038 121 011AV	**KP731-1**
038 121 011AX	**PA731**
038 121 011AX	**KP731-1**
038 121 011C	**PA762**
038 121 011C	**KP762-1**
038 121 011C	**KP762-2**
038 121 011CX	**KP762-1**
038 121 011CX	**KP762-2**
038 121 011D	**PA762**
038 121 011D	**KP762-1**
038 121 011D	**KP762-2**
038 121 011DX	**KP762-1**
038 121 011DX	**KP762-2**
038 121 011G	**PA878**
038 121 011G	**KP878-1**
038 121 011GX	**KP878-1**
038 121 011H	**PA905**
038 121 011H	**KP905-1**
038 121 011H	**KP905-2**
038 121 011J	**PA878**
038 121 011J	**KP878-1**
038 121 011JX	**KP878-1**
038 121 011K	**PA905**
038 121 011K	**KP905-1**
038 121 011K	**KP905-2**
038 121 011KX	**KP905-1**
038 198 119A	**KP761-1**
038 198 119A	**KP762-1**
038 198 119A	**KP878-1**
038 198 119A	**KP879-1**
038 198 119C	**KP761-1**
038 198 119C	**KP762-1**
038 198 119C	**KP878-1**
038 198 119C	**KP879-1**
038 198 119D	**KP731-1**
038 198 119E	**KP731-1**
03C 121 005D	**PA954**
03C 121 005N	**PA1051**
03C 121 005R	**PA1051**
03C 121 005S	**PA954**
03C 121 008B	**PA1051**
03C 121 008C	**PA954**
03C 121 008E	**PA1051**
03C 121 008F	**PA954**
03D 121 005	**PA855**
03D 121 013B	**PA855**
03F 121 004A	**PA1167**
03F 121 004B	**PA1167**
03F 121 004D	**PA1167**
03F 121 004E	**PA1167**
03F 121 004F	**PA1167**
03G 109 119	**KP905-2**
03G 109 243	**KP905-2**
03G 109 244A	**KP905-2**
03G 121 011	**PA905**
03G 121 011	**KP905-2**
03G 198 119	**KP905-1**
03L 121 011	**PA1089**
03L 121 011B	**PA762**
03L 121 011B	**KP878-1**
03L 121 011BX	**KP878-1**
03L 121 011C	**PA1137**
03L 121 011G	**PA1090**
03L 121 011H	**PA1089**
03L 121 011J	**PA1137**
045 121 011B	**PA761**
045 121 011B	**KP761-1**
045 121 011BV	**KP761-1**
045 121 011BX	**KP761-1**
045 121 011C	**PA806**
045 121 011F	**PA879**
045 121 011F	**KP879-1**
045 121 011FX	**KP879-1**
045 121 011G	**PA875**
045 121 011H	**PA879**
045 121 011H	**KP879-1**
045 121 011HX	**KP879-1**

Adaptable to	GRAF ref.
045 121 011J	**PA875**
047 121 013J	**PA804**
050 121 010	**PA779**
050 121 010A	**PA779**
050 121 010AV	**PA779**
050 121 010AX	**PA779**
050 121 010C	**PA779**
050 121 010X	**PA779**
066 121 011C	**PA658**
066 121 011D	**PA658**
068 121 011E	**KP947-2**
06A 109 119A	**KP947-2**
06A 121 011C	**KP947-2**
06A 121 011C	**KP947-4**
06A 121 011E	**KP947-2**
06A 121 011E	**KP947-4**
06A 121 011EV	**KP947-2**
06A 121 011EV	**KP947-4**
06A 121 011EX	**KP947-2**
06A 121 011EX	**KP947-4**
06A 121 011F	**PA947**
06A 121 011F	**KP947-2**
06A 121 011F	**KP947-4**
06A 121 011FV	**KP947-2**
06A 121 011FV	**KP947-4**
06A 121 011FX	**KP947-2**
06A 121 011FX	**KP947-4**
06A 121 011G	**PA947**
06A 121 011G	**KP947-2**
06A 121 011G	**KP947-4**
06A 121 011H	**PA947**
06A 121 011H	**KP947-2**
06A 121 011H	**KP947-4**
06A 121 011HV	**KP947-2**
06A 121 011HV	**KP947-4**
06A 121 011HX	**KP947-2**
06A 121 011HX	**KP947-4**
06A 121 011L	**PA947**
06A 121 011L	**KP947-2**
06A 121 011L	**KP947-4**
06A 121 011LV	**KP947-2**
06A 121 011LV	**KP947-4**
06A 121 011LX	**KP947-2**
06A 121 011LX	**KP947-4**
06A 121 011Q	**KP947-2**
06A 121 011Q	**KP947-4**
06A 121 011R	**PA980**
06A 121 011T	**PA947**
06A 121 011T	**KP947-2**
06A 121 011T	**KP947-4**
06A 121 011TV	**KP947-2**
06A 121 011TV	**KP947-4**
06A 121 011TX	**KP947-2**
06A 121 011TX	**KP947-4**
06A 121 012	**PA947**
06A 121 012	**KP947-2**
06A 121 012	**KP947-4**
06A 121 012B	**KP947-2**
06A 121 012B	**KP947-4**
06A 121 012D	**KP947-2**
06A 121 012D	**KP947-4**
06A 121 012E	**PA947**
06A 121 012E	**KP947-2**
06A 121 012G	**PA947**
06A 121 012G	**KP947-2**
06A 121 012G	**KP947-4**
06A 121 012X	**KP947-2**
06A 121 012X	**KP947-4**
06A 198 119	**KP904-1**
06B 121 011	**PA904**
06B 121 011	**KP904-1**
06B 121 011A	**PA904**
06B 121 011A	**KP904-1**
06B 121 011B	**PA904**
06B 121 011B	**KP904-1**
06B 121 011BV	**PA904**
06B 121 011BV	**KP904-1**
06B 121 011BX	**PA904**

Adaptable to	GRAF ref.
SEAT	
06B 121 011BX	**KP904-1**
06B 121 011C	**PA904**
06B 121 011C	**KP904-1**
06B 121 011CV	**PA904**
06B 121 011CV	**KP904-1**
06B 121 011CX	**PA904**
06B 121 011CX	**KP904-1**
06B 121 011E	**PA904**
06B 121 011E	**KP904-1**
06B 121 011EV	**PA904**
06B 121 011EV	**KP904-1**
06B 121 011EX	**PA904**
06B 121 011EX	**KP904-1**
06B 121 011EX	**KP947-2**
06B 121 011H	**KP904-1**
06B 121 011HX	**KP904-1**
06B 121 011HX	**KP947-2**
06B 121 011L	**KP904-1**
06B 121 011L	**KP947-2**
06B 121 011LX	**KP904-1**
06B 121 011LX	**KP947-2**
06B 121 011M	**PA904**
06B 121 011M	**KP904-1**
06B 121 011MX	**KP904-1**
06B 121 011MX	**KP947-2**
06B 121 011N	**PA904**
06B 121 011N	**KP904-1**
06B 121 011N	**KP947-2**
06B 121 011NX	**KP904-1**
06B 121 011NX	**KP947-2**
06B 121 011Q	**KP904-1**
06B 121 011Q	**KP947-2**
06F 121 011	**PA980**
06F 121 011	**KP980-1**
06F 121 011X	**KP980-1**
06F 198 119A	**KP980-1**
06H 121 026AB	**PA1071**
06H 121 026AF	**PA1071**
06H 121 026AG	**PA1072**
06H 121 026B	**PA1072**
06H 121 026BA	**PA1072**
06H 121 026BE	**PA1071**
06H 121 026BF	**PA1071**
06H 121 026BP	**PA1072**
06H 121 026CC	**PA1071**
06H 121 026CF	**PA1072**
06H 121 026N	**PA1072**
06J 121 026AN	**PA1071**
06J 121 026F	**PA1072**
06J 121 026G	**PA1071**
06J 121 026L	**PA1071**
071 121 005	**PA658**
4336009	**PA559**
4714636	**PA178**
4754850	**PA178**
4755003	**PA161**
4764761	**PA178**
4764782	**PA161**
5882691	**PA559**
5882695	**PA054**
5882695	**PA554**
5890406	**PA559**
6K0 198 001A	**KP603-1**
6K0 198 001D	**KP603-2**
7303009	**PA178**
7303050	**PA161**
BA03209901	**PA006**
BD03200102	**PA006**
EA03200101	**PA008**
ED03200100	**PA008**
FA03200000	**PA016**
FA03200003	**PA020**
FD032000 00	**PA017**
FD032001 00	**PA017**
FL032000 00	**PA162**
GE032000 02	**PA163**
HB032000 01	**PA088**
RF03200001	**PA332**
SE020032000A	**PA088**
SE021032000A	**PA304**
SE700032000A	**PA230**
SEAT LCV	
026 121 005E	**PA279**
026 121 005H	**PA279**
026 121 010F	**PA579**
030 121 005N	**PA603**
030 121 005N	**KP603-2**
030 121 005NV	**PA603**
030 121 005NV	**KP603-2**
030 121 005NX	**PA603**
030 121 005NX	**KP603-2**
030 121 005S	**PA676**
030 121 005S	**KP676-1**
030 121 005T	**KP603-2**
030 121 005TX	**PA603**
030 121 005TX	**KP603-2**
030 121 008A	**PA676**
030 121 008A	**KP676-1**
030 121 008C	**PA676**
030 121 008C	**KP676-1**
030 121 008CX	**KP676-1**
030 121 008D	**PA603**
030 121 008D	**KP603-2**
030 121 008DX	**KP603-2**
030 121 008J	**KP603-2**
030 121 008K	**PA603**
030 121 008K	**KP603-2**
030 198 119B	**KP676-1**
030121005N	**KP603-1**
030121005NV	**KP603-1**
030121005NX	**KP603-1**
030121005T	**KP603-1**
030121005TX	**KP603-1**
030121008D	**KP603-1**
030121008DX	**KP603-1**
030121008J	**KP603-1**
030121008K	**KP603-1**
030198119A	**KP603-1**
031 121 004A	**PA423**
031 121 005C	**PA423**
032 198 119	**KP603-2**
036 121 005B	**PA674**
036 121 005E	**PA674**
036 121 005Q	**PA674**
036 121 005QX	**PA674**
036 121 005S	**PA674**
036 121 008K	**PA674**
036 121 008L	**PA674**
037 121 005C	**PA1104**
037 121 010	**PA579**
037 121 010A	**PA579**
037 121 010C	**PA1105**
038 121 011	**PA731**
038 121 011	**KP731-1**
038 121 011A	**PA731**
038 121 011AV	**PA731**
038 121 011AV	**KP731-1**
038 121 011AX	**PA731**
038 121 011AX	**KP731-1**
038 198 119D	**KP731-1**
038 198 119E	**KP731-1**
SKODA	
007 070 243	**PA966**
007 070 246	**PA619**
007 070 251	**PA691**
022 121 011	**PA1041**
022 121 011A	**PA1041**
022 121 011L	**PA1041**
022 121 011V	**PA1041**
026 121 005E	**PA279**
026 121 005G	**PA279**
026 121 005H	**PA279**
026 121 010F	**PA579**
028 121 004	**PA609**
028 121 004V	**PA609**
028 121 004X	**PA609**
030 121 005N	**PA603**
030 121 005N	**KP603-2**
030 121 005NV	**PA603**
030 121 005NV	**KP603-2**
030 121 005NX	**PA603**
030 121 005NX	**KP603-2**
030 121 005T	**PA603**
030 121 005T	**KP603-2**
030 121 005TX	**PA603**
030 121 005TX	**KP603-2**
030 121 008D	**PA603**
030 121 008D	**KP603-2**
030 121 008J	**KP603-2**
030 121 008K	**PA603**
030 121 008K	**KP603-2**
032 198 119	**KP603-2**
036 109 119AG	**KP674-2**
036 109 119M	**KP674-2**
036 109 119P	**KP674-2**
036 109 119Q	**KP674-2**
036 109 243AB	**KP674-2**
036 109 243AC	**KP674-2**
036 109 243AD	**KP674-2**
036 109 243AE	**KP674-2**
036 109 243AG	**KP674-2**
036 109 243E	**KP674-2**
036 109 243K	**KP674-2**
036 109 243L	**KP674-2**
036 109 243R	**KP674-2**
036 109 243S	**KP674-2**
036 109 244C	**KP674-2**
036 109 244D	**KP674-2**
036 109 244J	**KP674-2**
036 121 005B	**PA674**
036 121 005B	**KP674-1**
036 121 005B	**KP674-2**
036 121 005E	**PA674**
036 121 005E	**KP674-1**
036 121 005E	**KP674-2**
036 121 005Q	**PA674**
036 121 005Q	**KP674-1**
036 121 005Q	**KP674-2**
036 121 005QX	**PA674**
036 121 005QX	**KP674-1**
036 121 005QX	**KP674-2**
036 121 005R	**KP674-1**
036 121 005S	**PA674**
036 121 005S	**KP674-1**
036 121 005S	**KP674-2**
036 121 005SX	**KP674-1**
036 121 008K	**PA674**
036 121 008K	**KP674-2**
036 121 008KX	**KP674-1**
036 121 008L	**PA674**
036 121 008L	**KP674-1**
036 121 008L	**KP674-2**
036 121 008LX	**KP674-1**
036 121 008M	**PA674**
036 121 008M	**KP674-2**
036 198 119E	**KP674-1**
037 121 010A	**PA579**
037 121 010C	**PA1105**
038 109 244J	**KP905-2**
038 109 244N	**KP905-2**
038 120 011H	**KP905-1**
038 120 011HX	**KP905-1**
038 121 011	**PA731**
038 121 011	**KP731-1**
038 121 011A	**PA731**
038 121 011A	**KP731-1**
038 121 011AV	**PA731**
038 121 011AV	**KP731-1**
038 121 011AX	**PA731**
038 121 011AX	**KP731-1**
038 121 011C	**PA762**
038 121 011C	**KP762-1**
038 121 011C	**KP762-2**
038 121 011CX	**KP762-1**
038 121 011CX	**KP762-2**
038 121 011D	**PA762**
038 121 011D	**KP762-1**
038 121 011D	**KP762-2**
038 121 011DX	**KP762-1**
038 121 011DX	**KP762-2**
038 121 011G	**PA878**
038 121 011G	**KP878-1**
038 121 011GX	**KP878-1**
038 121 011H	**PA905**
038 121 011H	**KP905-1**
038 121 011H	**KP905-2**
038 121 011HX	**KP905-1**
038 121 011J	**PA878**
038 121 011J	**KP878-1**
038 121 011JX	**KP878-1**
038 121 011K	**PA905**
038 121 011K	**KP905-1**
038 121 011K	**KP905-2**
038 121 011KX	**KP905-1**
038 198 119A	**KP761-1**
038 198 119A	**KP762-1**
038 198 119A	**KP878-1**
038 198 119A	**KP879-1**
038 198 119C	**KP761-1**
038 198 119C	**KP762-1**
038 198 119C	**KP878-1**
038 198 119C	**KP879-1**
038 198 119D	**KP731-1**
038 198 119E	**KP731-1**
03C 121 005B	**PA939**
03C 121 005C	**PA939**
03C 121 005D	**PA954**
03C 121 005L	**PA939**
03C 121 005N	**PA1051**
03C 121 005R	**PA1051**
03C 121 005S	**PA954**
03C 121 008B	**PA1051**
03C 121 008C	**PA954**
03C 121 008E	**PA1051**
03D 121 005	**PA855**
03D 121 013B	**PA855**
03F 121 004A	**PA1167**
03F 121 004B	**PA1167**
03F 121 004D	**PA1167**
03F 121 004E	**PA1167**
03F 121 004F	**PA1167**
03G 109 119	**KP905-2**
03G 109 243	**KP905-2**
03G 109 244A	**KP905-2**
03G 121 011	**PA905**
03G 121 011	**KP905-2**
03G 198 119	**KP905-1**
03L 121 001B	**PA762**
03L 121 011	**PA1089**
03L 121 011B	**KP762-1**
03L 121 011B	**KP762-2**
03L 121 011B	**KP878-1**
03L 121 011BX	**KP878-1**
03L 121 011C	**PA1137**
03L 121 011G	**PA1090**
03L 121 011H	**PA1089**
03L 121 011J	**PA1137**
045 121 011B	**PA761**
045 121 011B	**KP761-1**
045 121 011BV	**KP761-1**
045 121 011BX	**KP761-1**
045 121 011C	**PA806**
045 121 011F	**PA879**
045 121 011F	**KP879-1**
045 121 011FX	**KP879-1**
045 121 011G	**PA875**
045 121 011H	**PA879**
045 121 011H	**KP879-1**
045 121 011HX	**KP879-1**
045 121 011J	**PA875**
047 121 011	**PA619**
047 121 011A	**PA663**
047 121 011B	**PA691**
047 121 013K	**PA988**
047 121 013L	**PA805**
047 121 013M	**PA805**
047 121 013P	**PA805**
047 121 013R	**PA805**
059 109 119A	**KP868-1**
059 109 243D	**KP868-1**
059 109 243F	**KP868-1**
059 109 243G	**KP868-1**
059 109 243J	**KP868-1**
059 109 243L	**KP868-1**
059 109 244	**KP868-1**
059 109 244A	**KP868-1**
059 109 244B	**KP868-1**
059 109 244D	**KP868-1**
059 121 004B	**PA868**
059 121 004B	**KP868-1**
059 121 004C	**PA868**
059 121 004C	**KP868-1**
059 121 004D	**PA868**
059 121 004D	**KP868-1**
059 121 004E	**PA868**
059 121 004E	**KP868-1**
059 130 113	**KP868-1**
059 130 113A	**KP868-1**
059 130 113B	**KP868-1**
068 121 011E	**KP947-1**
068 121 011E	**KP947-2**
06A 109 119A	**KP947-2**
06A 121 011C	**PA947**
06A 121 011C	**KP947-1**
06A 121 011C	**KP947-2**
06A 121 011C	**KP947-4**
06A 121 011E	**PA947**
06A 121 011E	**KP947-1**
06A 121 011E	**KP947-2**
06A 121 011E	**KP947-4**
06A 121 011EV	**KP947-1**
06A 121 011EV	**KP947-2**
06A 121 011EV	**KP947-4**
06A 121 011EX	**KP947-1**
06A 121 011EX	**KP947-2**
06A 121 011EX	**KP947-4**
06A 121 011F	**PA947**
06A 121 011F	**KP947-1**
06A 121 011F	**KP947-2**
06A 121 011F	**KP947-4**
06A 121 011FV	**KP947-1**
06A 121 011FV	**KP947-2**
06A 121 011FV	**KP947-4**
06A 121 011FX	**KP947-1**
06A 121 011FX	**KP947-2**
06A 121 011FX	**KP947-4**
06A 121 011G	**PA947**
06A 121 011G	**KP947-1**
06A 121 011G	**KP947-2**
06A 121 011G	**KP947-4**

SKODA

Adaptable to	GRAF ref.
06A 121 011H	PA947
06A 121 011H	KP947-1
06A 121 011H	KP947-2
06A 121 011H	KP947-4
06A 121 011HV	PA947
06A 121 011HV	KP947-1
06A 121 011HV	KP947-2
06A 121 011HV	KP947-4
06A 121 011HX	PA947
06A 121 011HX	KP947-1
06A 121 011HX	KP947-2
06A 121 011HX	KP947-4
06A 121 011L	PA947
06A 121 011L	KP947-1
06A 121 011L	KP947-2
06A 121 011L	KP947-4
06A 121 011LV	PA947
06A 121 011LV	KP947-1
06A 121 011LV	KP947-2
06A 121 011LV	KP947-4
06A 121 011LX	PA947
06A 121 011LX	KP947-1
06A 121 011LX	KP947-2
06A 121 011LX	KP947-4
06A 121 011Q	KP947-1
06A 121 011Q	KP947-2
06A 121 011Q	KP947-4
06A 121 011R	PA980
06A 121 011T	PA947
06A 121 011T	KP947-1
06A 121 011T	KP947-2
06A 121 011T	KP947-4
06A 121 011TV	KP947-1
06A 121 011TV	KP947-2
06A 121 011TV	KP947-4
06A 121 011TX	KP947-1
06A 121 011TX	KP947-2
06A 121 011TX	KP947-4
06A 121 012	PA947
06A 121 012	KP947-1
06A 121 012	KP947-2
06A 121 012	KP947-4
06A 121 012B	KP947-1
06A 121 012B	KP947-2
06A 121 012B	KP947-4
06A 121 012D	KP947-1
06A 121 012D	KP947-2
06A 121 012D	KP947-4
06A 121 012E	PA947
06A 121 012E	KP947-1
06A 121 012E	KP947-2
06A 121 012G	PA947
06A 121 012G	KP947-1
06A 121 012G	KP947-2
06A 121 012G	KP947-4
06A 121 012X	KP947-1
06A 121 012X	KP947-2
06A 121 012X	KP947-4
06A 198 119	KP904-1
06A 198 119	KP947-1
06B 121 011	PA904
06B 121 011	KP904-1
06B 121 011A	PA904
06B 121 011A	KP904-1
06B 121 011B	PA904
06B 121 011B	KP904-1
06B 121 011BV	PA904
06B 121 011BV	KP904-1
06B 121 011BX	PA904
06B 121 011BX	KP904-1
06B 121 011C	PA904
06B 121 011C	KP904-1
06B 121 011CV	PA904
06B 121 011CV	KP904-1
06B 121 011CX	PA904

Adaptable to	GRAF ref.
06B 121 011CX	KP904-1
06B 121 011E	PA904
06B 121 011E	KP904-1
06B 121 011EV	PA904
06B 121 011EV	KP904-1
06B 121 011EX	PA904
06B 121 011EX	KP904-1
06B 121 011EX	KP947-1
06B 121 011EX	KP947-2
06B 121 011H	KP904-1
06B 121 011HX	KP904-1
06B 121 011HX	KP947-1
06B 121 011HX	KP947-2
06B 121 011L	KP904-1
06B 121 011L	KP947-1
06B 121 011L	KP947-2
06B 121 011LX	KP904-1
06B 121 011LX	KP947-1
06B 121 011LX	KP947-2
06B 121 011M	PA904
06B 121 011M	KP904-1
06B 121 011MX	KP904-1
06B 121 011MX	KP947-1
06B 121 011MX	KP947-2
06B 121 011N	PA904
06B 121 011N	KP904-1
06B 121 011N	KP947-1
06B 121 011N	KP947-2
06B 121 011NX	KP904-1
06B 121 011NX	KP947-1
06B 121 011NX	KP947-2
06B 121 011Q	PA904
06B 121 011Q	KP904-1
06B 121 011Q	KP947-1
06B 121 011Q	KP947-2
06B 121 011QX	KP904-1
06B 121 011QX	KP947-1
06B 121 011QX	KP947-2
06F 121 011	PA980
06H 121 026AB	PA1071
06H 121 026AF	PA1071
06H 121 026AG	PA1072
06H 121 026B	PA1072
06H 121 026BA	PA1072
06H 121 026BE	PA1071
06H 121 026BF	PA1071
06H 121 026BP	PA1072
06H 121 026CC	PA1071
06H 121 026CF	PA1072
06H 121 026N	PA1072
06J 121 026AN	PA1071
06J 121 026F	PA1072
06J 121 026G	PA1071
06J 121 026L	PA1071
078 121 004H	PA618A
078 121 004HV	PA618A
078 121 004HX	PA618A
078 121 004J	PA618A
078 121 004JV	PA618A
078 121 004JX	PA618A
078 121 004Q	PA618A
078 121 004QX	PA618A
078 121 006	PA618A
113 050 000	PA263
113 050 001	PA316
115 050 001	PA663
6K0 198 001D	KP603-2

SKODA LCV

Adaptable to	GRAF ref.
036 121 005B	PA674
036 121 005B	KP674-1
036 121 005E	PA674
036 121 005E	KP674-1
036 121 005Q	PA674
036 121 005Q	KP674-1
036 121 005R	KP674-1
036 121 005S	PA674
036 121 005S	KP674-1
036 121 005SX	KP674-1
036 121 008K	PA674
036 121 008KX	KP674-1
036 121 008L	PA674
036 121 008L	KP674-1
036 121 008LX	KP674-1
036 121 008M	PA674
036 198 119E	KP674-1
038 198 119A	KP879-1
038 198 119C	KP879-1
03D 121 005	PA855
03D 121 013B	PA855
03F 121 004A	PA1167
03F 121 004B	PA1167
03F 121 004D	PA1167
03F 121 004E	PA1167
03F 121 004F	PA1167
03L 121 011	PA1089
03L 121 011H	PA1089
045 121 011C	PA806
045 121 011F	PA879
045 121 011F	KP879-1
045 121 011FX	KP879-1
045 121 011G	PA875
045 121 011H	PA879
045 121 011H	KP879-1
045 121 011HX	KP879-1
045 121 011J	PA875
047 121 013L	PA805
047 121 013M	PA805
047 121 013P	PA805
047 121 013R	PA805

SMART

Adaptable to	GRAF ref.
1222000001	PA1000
1322000201	PA1142
1322010000	PA1142
1352000001	PA986
3165V003000	PA819
4681V002000	PA819
6402000301	PA978
6602000120	PA819

SSANGYONG

Adaptable to	GRAF ref.
102 200 62 01	PA495
104 200 46 01	PA584
161 200 37 01	PA582
602 200 02 20	PA448
664 200 06 01	PA1190
665 200 10 01	PA1150
665 200 12 01	PA1150

SUBARU

Adaptable to	GRAF ref.
16100-39525	PA1132
16100-80003	PA1020
16100-80004	PA1086
17400-69G01	PA946
17400-82823	PA773
21110-AA012	PA333
21110-AA013	PA333
21110-AA014	PA333
21110-AA015	PA333
21110-AA016	PA333
21110-AA017	PA333

Adaptable to	GRAF ref.
21110-AA060	PA744
21111-AA000	PA519A
21111-AA001	PA519A
21111-AA002	PA519A
21111-AA003	PA519A
21111-AA004	PA519A
21111-AA005	PA519A
21111-AA006	PA519A
21111-AA007	PA519A
21111-AA011	PA519A
21111-AA020	PA924
21111-AA021	PA924
21111-AA022	PA924
21111-AA026	PA924
21111-AA060	PA1008
21111-AA061	PA1008
21111-AA065	PA1008
21111-AA084	PA1120
21111-AA240	PA924
21111-AA250	PA1008
21111-AA270	PA1008
21111-AA280	PA1120
21111-AA310	PA1169
21111-AA320	PA1120
21111-AA330	PA1120
21111-AA331	PA1120
21111-AA340	PA1008
21111-AA360	PA1008
21111-AA460	PA1168
41076-7100	PA744
41076-7300	PA744
X2111-AA240	PA924
X2111-AA250	PA1008
X2111-AA260	PA1120
X2111-AA280	PA1120

SUZUKI

Adaptable to	GRAF ref.
12761-67G00	KP747-1
12810-67G00	KP747-1
12810-67G01	KP747-1
12823-67G10	KP747-1
17400-50812	PA738
17400-51K00	PA1052
17400-60810	PA726
17400-60811	PA726
17400-60813	PA726
17400-60814	PA726
17400-60815	PA726
17400-60A02	PA726
17400-60A04	PA726
17400-60D01	PA738
17400-61810	PA738
17400-61820	PA926
17400-69G00	PA946
17400-69G01	PA946
17400-69G02	PA946
17400-69G04	PA946
17400-69K00	PA938
17400-69L00	PA1052
17400-70B00	PA738
17400-73001	PA774
17400-73002	PA774
17400-73003	PA774
17400-73012	PA774
17400-73013	PA774
17400-73810	PA774
17400-73811	PA774
17400-73831	PA1014
17400-73832	PA1014
17400-73833	PA1014
17400-73834	PA1014
17400-73870	PA774
17400-73J00	PA859
17400-77810	PA1017
17400-77811	PA1017

Adaptable to	GRAF ref.
17400-77812	PA1017
17400-77813	PA1017
17400-77814	PA1017
17400-77815	PA1017
17400-77816	PA1017
17400-78820	PA774
17400-78821	PA774
17400-78E00	PA786
17400-78E01	PA786
17400-78J00	PA991
17400-79J50	PA672
17400-79J80	PA1085
17400-79J81	PA1085
17400-82811	PA725
17400-82812	PA725
17400-82823	PA773
17400-82824	PA773
17400-82850	PA773
17400-82851	PA773
17400-83810	PA725
17400-83811	PA725
17400-83812	PA725
17400-83814	PA725
17400-83815	PA975
17400-84E00	PA958
17400-85381	PA1036
17400-85830	PA1036
17400-86CB0	PA391
17400-86J00	PA1083
17400-86J30	PA1083
17400-M51K00	PA1052
17400-M82632	PA773
17400-N86J00	PA1083
17410-66G00	PA911
17410-66G01	PA911
17410-67G00	PA747
17410-67G00	KP747-1
17410-67JG0	PA907
17410-67JG1	PA907
17410-67JG1	PA1097
17410-80KA0	PA1095
17410-84A00	PA821
17410-84A11	PA977
17410-84A20	PA821
17410-85E00	PA1083

SUZUKI LCV

Adaptable to	GRAF ref.
17400-73001	PA774
17400-73002	PA774
17400-73003	PA774
17400-73012	PA774
17400-73013	PA774
17400-73810	PA774
17400-73811	PA774
17400-73870	PA774
17400-78820	PA774
17400-78821	PA774
17400-82823	PA773
17400-82824	PA773
17400-82850	PA773
17400-82851	PA773
17400-M82632	PA773

TALBOT

Adaptable to	GRAF ref.
1201.39	PA256
1201.45	PA197
1201.63	PA256
1202.58	PA147
1202.96	PA129
32461Q	PA197
44854W	PA197
49152500	PA197

Adaptable to	GRAF ref.
TATA	
279020100108	**PA1192**
TOYOTA	
16100-09051	**PA1154**
16100-09060	**PA1047**
16100-09061	**PA1047**
16100-09070	**PA1144**
16100-09080	**PA919**
16100-09120	**PA945**
16100-09130	**PA919**
16100-09140	**PA827**
16100-09141	**PA827**
16100-09240	**PA1020**
16100-09260	**PA1080**
16100-09340	**PA1001**
16100-09450	**PA1020**
16100-09530	**PA1020**
16100-09610	**PA1132**
16100-0H030	**PA912**
16100-19015	**PA351**
16100-19105	**PA791**
16100-19106	**PA791**
16100-19115	**PA793**
16100-19195	**PA718**
16100-19205	**PA768**
16100-19225	**PA718**
16100-19226	**PA718**
16100-19235	**PA923**
16100-19255	**PA945**
16100-19265	**PA717**
16100-19295	**PA945**
16100-19296	**PA945**
16100-19305	**PA717**
16100-19355	**PA945**
16100-22010	**PA212**
16100-25010	**PA210**
16100-25011	**PA210**
16100-25012	**PA210**
16100-28040	**PA912**
16100-28041	**PA912**
16100-29016	**PA212**
16100-29025	**PA209**
16100-29026	**PA209**
16100-29027	**PA213**
16100-29028	**PA213**
16100-29029	**PA213**
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022 121 011V	**PA1041**
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026 121 005C	**PA279**
026 121 005E	**PA279**
026 121 005F	**PA679**
026 121 005G	**PA279**
026 121 005H	**PA279**
026 121 005K	**PA679**
026 121 005L	**PA679**
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026 121 010D	**PA546**
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026 121 010DX	**PA546**
026 121 010F	**PA579**
026 121 010FV	**PA579**
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030 121 005L	**PA425**
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030 121 005TX	**PA603**
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030 121 008D	**KP603-1**
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030 121 008K	**PA603**
030 121 008K	**KP603-1**
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030 198 119A	**KP603-1**
030 198 119B	**KP676-1**
031 121 004	**PA423**
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031 121 004AX	**PA423**
031 121 004X	**PA423**
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035 121 004AX	**PA103**
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036 109 119P	**KP674-2**
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036 109 243AG	**KP674-2**
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036 109 243R	**KP674-2**
036 109 243S	**KP674-2**
036 109 244C	**KP674-2**
036 109 244D	**KP674-2**
036 109 244J	**KP674-2**
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036 121 005D	**PA654**
036 121 005E	**PA674**
036 121 005E	**KP674-1**
036 121 005E	**KP674-2**
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036 121 005M	**PA654**
036 121 005P	**PA765**
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036 121 005Q	**KP674-2**
036 121 005QX	**PA674**
036 121 005QX	**KP674-1**
036 121 005QX	**KP674-2**
036 121 005R	**PA674**
036 121 005R	**KP674-1**
036 121 005R	**KP674-2**
036 121 005S	**PA674**
036 121 005S	**KP674-1**
036 121 005S	**KP674-2**
036 121 005SX	**KP674-1**
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036 121 008K	**KP674-2**
036 121 008KX	**KP674-1**
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036 121 008L	**KP674-1**
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036 121 008LX	**KP674-1**
036 121 008M	**PA674**
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037 121 010C	**PA1105**
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038 109 244N	**KP905-2**
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038 121 011HX	**KP905-1**
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038 121 011KX	**KP905-1**
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038 198 119A	**KP879-1**
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03C 121 005R	**PA1051**
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03C 121 008E	**PA1051**
03C 121 008F	**PA954**
03D 121 005	**PA855**
03D 121 013B	**PA855**
03F 121 004A	**PA1167**
03F 121 004B	**PA1167**
03F 121 004D	**PA1167**
03F 121 004E	**PA1167**
03F 121 004F	**PA1167**
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03G 109 243	**KP905-2**
03G 109 244A	**KP905-2**
03G 121 011	**PA905**
03G 121 011	**KP905-2**
03G 198 119	**KP905-1**
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03L 121 011J	**PA1137**
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055 121 010X	**PA546**
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056 121 013A	**PA546**
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059 109 243L	**KP868-1**
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059 109 244B	**KP868-1**
059 109 244D	**KP868-1**
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059 121 004C	**PA868**
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06E 121 005F	**PA979**
06E 121 005N	**PA979**
06E 121 008N	**PA979**
06E 121 018A	**PA979**
06F 121 011	**PA980**
06F 121 011	**KP980-1**
06F 121 011X	**KP980-1**
06F 198 119A	**KP980-1**
06H 121 026AB	**PA1071**
06H 121 026AF	**PA1071**
06H 121 026AG	**PA1072**
06H 121 026B	**PA1072**
06H 121 026BA	**PA1072**
06H 121 026BE	**PA1071**
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06H 121 026BP	**PA1072**
06H 121 026CC	**PA1071**
06H 121 026CF	**PA1072**
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06J 121 026AN	**PA1071**
06J 121 026F	**PA1072**
06J 121 026G	**PA1071**
06J 121 026L	**PA1071**
070 121 011A	**PA982**
070 121 011C	**PA982**
070 121 011D	**PA982**
071 121 005	**PA658**
077 121 004M	**PA764**
077 121 004MX	**PA764**
077 121 004N	**PA764**
077 121 004P	**PA764**
078 121 004H	**PA618A**
078 121 004HX	**PA618A**
078 121 004J	**PA618A**
078 121 004Q	**PA618A**
078 121 006	**PA618A**
079 121 012D	**PA1151**
079 121 014F	**PA1151**
07K 121 011B	**PA1084**
07K 121 011BX	**PA1084**
6K0 198 001A	**KP603-1**
6K0 198 001D	**KP603-2**

Adaptable to	GRAF ref.
VOLKSWAGEN LCV	
00A 121 010	**PA677**
00A 121 010A	**PA677**
021 121 004	**PA617**
021 121 004A	**PA617**
022 121 011	**PA1041**
022 121 011A	**PA1041**
022 121 011L	**PA1041**
022 121 011V	**PA1041**
023 121 004	**PA424**
023 121 004V	**PA424**
023 121 004X	**PA424**
025 121 010A	**PA319**
025 121 010AV	**PA319**
025 121 010AX	**PA319**
025 121 010B	**PA320**
025 121 010BV	**PA320**
025 121 010BX	**PA320**
025 121 010C	**PA344**
025 121 010CV	**PA344**
025 121 010CX	**PA344**
025 121 010D	**PA319**
026 121 005A	**PA279**
026 121 005C	**PA279**
026 121 005E	**PA279**
026 121 005G	**PA279**
026 121 005H	**PA279**
026 121 010	**PA579**
026 121 010A	**PA546**
026 121 010AV	**PA546**
026 121 010C	**PA579**
026 121 010CV	**PA579**
026 121 010CX	**PA1105**
026 121 010D	**PA546**
026 121 010DV	**PA546**
026 121 010DX	**PA546**
026 121 010F	**PA579**
026 121 010FV	**PA579**
026 121 010FX	**PA579**
026 121 010V	**PA579**
026 121 010X	**PA579**
028 121 004	**PA609**
028 121 004V	**PA609**
028 121 004X	**PA609**
030 121 004A	**PA425**
030 121 004B	**PA425**
030 121 005H	**PA425**
030 121 005L	**PA425**
030 121 005LV	**PA425**
030 121 005LX	**PA425**
030 121 005N	**PA603**
030 121 005N	**KP603-2**
030 121 005NV	**PA603**
030 121 005NV	**KP603-2**
030 121 005NX	**PA603**
030 121 005NX	**KP603-2**
030 121 005S	**PA676**
030 121 005S	**KP676-1**
030 121 005T	**PA603**
030 121 005T	**KP603-2**
030 121 005TX	**PA603**
030 121 005TX	**KP603-2**
030 121 008A	**PA676**
030 121 008A	**KP676-1**
030 121 008C	**PA676**
030 121 008C	**KP676-1**
030 121 008CX	**KP676-1**
030 121 008D	**PA603**
030 121 008D	**KP603-2**
030 121 008DX	**KP603-2**
030 121 008J	**KP603-2**
030 121 008K	**PA603**
030 121 008K	**KP603-2**
030 198 119B	**KP676-1**
030121004A	**KP425-1**
030121004B	**KP425-1**

VOLKSWAGEN LCV

Adaptable to	GRAF ref.
030121005H	KP425-1
030121005L	KP425-1
030121005LV	KP425-1
030121005LX	KP425-1
030121005N	KP603-1
030121005NV	KP603-1
030121005NX	KP603-1
030121005T	KP603-1
030121005TX	KP603-1
030121008D	KP603-1
030121008DX	KP603-1
030121008J	KP603-1
030121008K	KP603-1
030198119A	KP603-1
031 121 004	PA423
031 121 004A	PA423
031 121 004AV	PA423
031 121 004AX	PA423
031 121 004X	PA423
031 121 005A	PA423
031 121 005C	PA423
031 121 005CV	PA423
031 121 005CX	PA423
032 198 119	KP603-2
036 121 005B	PA674
036 121 005B	KP674-1
036 121 005E	PA674
036 121 005E	KP674-1
036 121 005EX	KP674-1
036 121 005Q	PA674
036 121 005Q	KP674-1
036 121 005QX	PA674
036 121 005QX	KP674-1
036 121 005R	KP674-1
036 121 005S	PA674
036 121 005S	KP674-1
036 121 005SX	KP674-1
036 121 008K	PA674
036 121 008KX	KP674-1
036 121 008L	PA674
036 121 008L	KP674-1
036 121 008LX	KP674-1
036 198 119E	KP674-1
037 121 005C	PA1104
037 121 010	PA579
037 121 010A	PA579
037 121 010C	PA1105
038 121 011	PA731
038 121 011	KP731-1
038 121 011A	PA731
038 121 011A	KP731-1
038 121 011AV	PA731
038 121 011AV	KP731-1
038 121 011AX	PA731
038 121 011AX	KP731-1
038 121 011C	KP762-1
038 121 011CX	KP762-1
038 121 011D	KP762-1
038 121 011DX	KP762-1
038 121 011G	PA878
038 121 011J	PA878
038 198 119A	KP762-1
038 198 119A	KP879-1
038 198 119C	KP762-1
038 198 119C	KP879-1
038 198 119D	KP731-1
038 198 119E	KP731-1
03F 121 004A	PA1167
03F 121 004B	PA1167
03F 121 004D	PA1167
03F 121 004E	PA1167
03F 121 004F	PA1167
03L 121 011	PA1089
03L 121 011C	PA1137
03L 121 011H	PA1089
03L 121 011J	PA1137
045 121 011F	PA879
045 121 011F	KP879-1
045 121 011FX	KP879-1
045 121 011H	PA879
045 121 011H	KP879-1
045 121 011HX	KP879-1
046 109 119	KP758-1
046 109 119E	KP758-1
048 121 011	PA233
052 121 004	PA148
052 121 004V	PA148
052 121 004X	PA148
052 121 005	PA148
052 121 005A	PA148
052 121 019	PA148
055 121 010	PA546
055 121 010X	PA546
056 121 005A	PA146
056 121 011	PA546
056 121 013A	PA546
060 121 011	PA233
062 121 010	PA1010
062 121 010A	PA1011
068 121 005	PA146
068 121 005A	PA279
068 121 005B	PA146
068 121 005C	PA146
068 121 005X	PA146
068 121 010	PA546
068 121 010A	PA579
068 121 010AX	PA579
069 121 004	PA422
069 121 004V	PA422
069 121 004X	PA422
069 121 005D	PA422
06A 121 011C	PA947
06A 121 011E	PA947
06A 121 011F	PA947
06A 121 011G	PA947
06A 121 011H	PA947
06A 121 011HV	PA947
06A 121 011HX	PA947
06A 121 011L	PA947
06A 121 011LV	PA947
06A 121 011LX	PA947
06A 121 011T	PA947
06A 121 012	PA947
06A 121 012G	PA947
06A 198 119	KP904-1
06B 121 011	PA904
06B 121 011A	PA904
06B 121 011B	PA904
06B 121 011BV	PA904
06B 121 011BX	PA904
06B 121 011C	PA904
06B 121 011CV	PA904
06B 121 011CX	PA904
06B 121 011E	PA904
06B 121 011EV	PA904
06B 121 011EX	PA904
06B 121 011EX	KP904-1
06B 121 011H	PA904
06B 121 011HX	KP904-1
06B 121 011L	PA904
06B 121 011L	KP904-1
06B 121 011LX	KP904-1
06B 121 011M	PA904
06B 121 011MX	KP904-1
06B 121 011N	PA904
06B 121 011N	KP904-1
06B 121 011NX	KP904-1
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06E 121 005F	PA979
06E 121 005N	PA979
06E 121 008N	PA979
06E 121 018A	PA979
06H 121 026AG	PA1072
06H 121 026B	PA1072
06H 121 026BA	PA1072
06H 121 026BP	PA1072
06H 121 026N	PA1072
06J 121 026F	PA1072
070 121 011A	PA982
070 121 011C	PA982
070 121 011D	PA982
073 121 004V	PA384
073 121 004X	PA384
073 121 005	PA384
074 109 119A	KP758-1
074 109 119B	KP758-1
074 109 119E	KP758-1
074 109 119J	KP758-1
074 109 119L	KP758-1
074 109 119P	KP758-1
074 109 119R	KP758-1
074 109 243F	KP758-1
074 109 243G	KP758-1
074 109 243J	KP758-1
074 109 243R	KP758-1
074 121 004	PA758
074 121 004	KP758-1
074 121 004A	PA758
074 121 004A	KP758-1
074 121 004F	PA758
074 121 004V	PA758
074 121 004V	KP758-1
074 121 004X	PA758
074 121 004X	KP758-1
074 121 005M	PA758
074 121 005M	KP758-1
074 121 005N	PA758
074 121 005N	KP758-1
074 121 005P	PA758
074 121 005P	KP758-1
074 130 113E	KP758-1
074 130 113J	KP758-1
074 130 195	KP758-1
074 130 195B	KP758-1
074 130 245	KP758-1
076 121 005A	PA758
6K0 198 001D	KP603-2
6K0198001A	KP603-1
J16100 39346	PA486
J1610059257	PA767
J16100-79035	PA771
J16100-79036	PA771
J16100-79037	PA771

VOLVO

Adaptable to	GRAF ref.
1218158	PA360
1257185	PA422
1326342	PA312
1336029	PA314
270559	PA312
270681	PA114
271275	PA312
271613	PA422
271647	PA1019
271647	KP1019-1
271647	KP1019-2
271647	KP1019-3
271647	KP1019-4
271768	PA758
271830	PA312
271855	PA1019
271975	PA312
271984	PA666
2719847	PA666
271985	PA1019
271985	KP1019-1
271985	KP1019-2
271985	KP1019-3
271985	KP1019-4
271986	PA1019
271986	KP1019-1
271986	KP1019-2
271986	KP1019-3
271986	KP1019-4
272334	PA865
272457	PA1019
272457	KP1019-1
272457	KP1019-2
272457	KP1019-3
272457	KP1019-4
272474	PA1019
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272474	KP1019-2
272474	KP1019-3
272474	KP1019-4
272476	PA1019
272476	KP1019-1
272476	KP1019-2
272476	KP1019-3
272476	KP1019-4
272481	PA1019
272481	KP1019-1
272481	KP1019-2
272481	KP1019-3
272481	KP1019-4
272482	PA666
272954	KP1019-1
272954	KP1019-2
272954	KP1019-3
272954	KP1019-4
274155	PA758
274216	PA824
274216	KP824-1
274518	KP1019-2
274557	KP822-1
275619	PA114
30620725	PA822
30620725	KP822-1
30621264	PA531
30621589	KP822-1
30650751	KP1019-1
30650751	KP1019-2
30650751	KP1019-3
30650751	KP1019-4
306508034	KP1019-1
306508034	KP1019-2
306508034	KP1019-3
306508034	KP1019-4
30684432	PA1019
30684432	KP1019-1
30684432	KP1019-2
30684432	KP1019-3
30684432	KP1019-4
30711066	KP938-1
30711527	PA938
30711527	KP938-1
30711622	PA612
30725831	PA861
30725831	KP861-2
30731312	PA903
30731384	PA1111
30731727	KP1019-2
30735758	PA612
30751022	PA824
30751700	PA1019
30751700	KP1019-1
30751700	KP1019-2
30751700	KP1019-3
30751700	KP1019-4
30751971	PA938
30751971	KP938-1
30758260	KP1019-3
30758261	KP1019-1
30777408	KP822-1
30777590	PA903
30777865	KP938-1
30788221	PA861
30788221	KP861-2
30855991	PA531
30874316	PA732
3100979	PA581
31219176	PA990
31258305	KP824-1
31293177	PA824
31293303	PA1139
31293668	PA824
31303112	PA1087
31303112	KP822-1
31319266	PA903
31330943	PA990
31368353	PA990
31375289	PA903
3267343	PA081
3283043	PA331
3287335	PA282
3287751	PA531
3343093	PA531
3344250	PA282
3344251	PA531
3344252	PA314
3345626	PA531
418327	PA085
419689	PA085
419691	PA085
463425	PA114
8610040	KP1019-1
8610041	KP1019-3
8653649	KP861-2
8653806	PA861
8653806	KP861-2
8692839	PA898
8694626	KP1019-1
8694626	KP1019-2
8694626	KP1019-3
8694626	KP1019-4
8694627	PA865
8694628	PA666
8694629	PA824
8694629	KP824-1
8694630	PA824
8694630	KP824-1
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9471841	KP1019-3
9471841	KP1019-4
9496428	KP1019-1
9496428	KP1019-2
9496428	KP1019-3
9496428	KP1019-4
9497290	KP1019-1
9497290	KP1019-2
9497290	KP1019-3
9497290	KP1019-4

ZASTAVA

Adaptable to	GRAF ref.
4471378	PA088
5882695	PA054
5882695	PA554

Adaptable to	GRAF ref.
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TKO-904	**KP738-1**
TKO-905	**KP738-2**
WD-002	**PA556**
WE-CI01	**PA491**
WE-FI01	**PA163**
WE-FI02	**PA559**
WE-FI03	**PA088**
WE-FI04	**PA394**
WE-FO01	**PA153**
WE-FO02	**PA232**
WE-FO03	**PA321**
WE-LR01	**PA565**
WE-OP02	**PA664**
WE-OP03	**PA410**
WE-OP04	**PA665**
WE-OP05	**PA728**
WE-OP06	**PA809**
WE-OP07	**PA957**
WE-OP08	**PA1085**
WE-RE01A	**PA822**
WE-RE02A	**PA821**
WE-RE03A	**PA907**
WE-SM01A	**PA986**
WE-VW01	**PA947**
WM-901	**PA937**
WN-076	**PA660**
WO-001	**PA694**
WO-002	**PA443**
WO-002	**PA695**
WO-003	**PA325**
WO-003	**PA441**
WO-004	**PA442**
WO-005	**PA235**
WO-006	**PA696**
WO-008	**PA584**
WO-009	**PA495**
WO-011	**PA572**
WO-013	**PA991**
WP-7801	**PA999**
WPA-001	**PA420A**
WPA-002	**PA671**
WPA-002	**PA802**
WPD-007	**PA798**
WPD-009	**PA305**
WPD-021	**PA555**
WPD-023	**PA1238**
WPD-026	**PA1237**
WPD-036	**PA827**
WPD-905	**PA556**
WPD-906	**PA1200**
WPD-907	**PA1069**
WPF-002	**PA519A**
WPF-003	**PA333**
WPF-005	**PA744**
WPF-006	**PA924**
WPF-008	**PA1008**
WPF-025	**PA1120**
WPG-001	**PA809**
WPG-001V	**PA809**
WPG-004	**PA797**
WPG-014	**PA811**
WPG-018	**PA571**
WPG-021V	**PA809**
WPG-910	**PA810**
WPH-001	**PA943**
WPH-002	**PA428**
WPH-003	**PA459**
WPH-006	**PA668**
WPH-006	**PA925**
WPH-006V	**PA925**
WPH-011	**PA669**
WPH-011A	**PA669**
WPH-013	**PA778**
WPH-014	**PA385**
WPH-015	**PA670**
WPH-017	**PA456**
WPH-018	**PA564**
WPH-024	**PA549**
WPH-042	**PA564**
WPH-043	**PA949**
WPH-044	**PA876**
WPH-050V	**PA897**
WPH-053	**PA1013**
WPH-054	**PA971**
WPH-059	**PA1062**
WPH-901	**PA897**
WPH-902	**PA562**
WPH-903	**PA1018**
WPH-904	**PA896**
WPH-907	**PA876**
WPH-908	**PA668**
WPH-910	**PA971**
WPH-912	**PA970**
WPH-913	**PA669**
WPH-914	**PA1092**
WPK-002	**PA1113**
WPK-003	**PA1157**
WPK-005	**PA1143**
WPK-006	**PA1021**
WPK-008	**PA1195**
WPK-010	**PA1023**
WPK-013	**PA816**
WPK-016	**PA1196**
WPL-001	**PA404**
WPM-001	**PA697**
WPM-002	**PA700**
WPM-002A	**PA700**
WPM-004	**PA780**
WPM-006	**PA997**
WPM-009	**PA782**
WPM-010	**PA922**
WPM-012	**PA702**
WPM-014	**PA795**
WPM-017	**PA789**
WPM-029	**PA701**
WPM-031	**PA920**
WPM-033	**PA732**
WPM-033V	**PA732**
WPM-037	**PA935**
WPM-038	**PA1229**
WPM-040	**PA1114**
WPM-045	**PA799**
WPM-046	**PA796**
WPM-047	**PA930**
WPM-048	**PA918**
WPM-055	**PA1009**
WPM-056	**PA776**
WPM-057V	**PA999**
WPM-058	**PA999**
WPM-066	**PA1003**
WPM-067	**PA1000**
WPM-068V	**PA1159**
WPM-069	**PA1012**
WPM-074	**PA1171**
WPM-902	**PA1145**
WPM-904	**PA531**
WPM-908	**PA1016**
WPM-910	**PA1012**
WPM-911	**PA1003**
WPM-913	**PA702**
WPM-917	**PA905**
WPN-001	**PA493A**
WPN-002	**PA814**
WPN-003	**PA434**
WPN-004	**PA813**
WPN-008	**PA635**
WPN-009	**PA703**
WPN-010	**PA539**
WPN-011	**PA602**
WPN-012	**PA770**
WPN-013	**PA203**
WPN-014	**PA508**
WPN-014V	**PA508**
WPN-015	**PA611**
WPN-018	**PA788**
WPN-020	**PA435**
WPN-021	**PA201**
WPN-024	**PA540**
WPN-026	**PA781**
WPN-027	**PA812**
WPN-032	**PA202**
WPN-033	**PA777**
WPN-035	**PA436**
WPN-054	**PA932**
WPN-054A	**PA932**
WPN-058	**PA538**
WPN-059	**PA927**
WPN-061	**PA784**
WPN-063	**PA537**
WPN-070	**PA648**
WPN-070V	**PA648**
WPN-087	**PA995**
WPN-091	**PA830**
WPN-092	**PA1070**
WPN-099V	**PA1065**
WPN-100V	**PA1131**
WPN-111	**PA823**
WPN-904	**PA932**
WPN-905	**PA1066**
WPN-909	**PA823**
WPN-910	**PA830**
WPN-911	**PA1042**
WPN-912	**PA434**
WPN-913	**PA803**
WPN-916	**PA1183**
WPN-918	**PA882**
WPN-919	**PA821**
WPO-001	**PA738**
WPO-005	**PA1150**
WPO-006	**PA580**
WPO-010	**PA582**
WPPG-001V	**PA628**
WPPG-002V	**PA348**
WPPG-003V	**PA837**
WPS-001	**PA738**
WPS-002	**PA774**
WPS-002A	**PA774**
WPS-004	**PA725**
WPS-004	**PA975**
WPS-006	**PA726**
WPS-007	**PA773**
WPS-007A	**PA773**
WPS-033	**PA926**
WPS-037V	**PA946**
WPS-3711A	**PA1025**
WPS-901	**PA1036**
WPS-902	**PA1017**
WPS-904	**PA1014**
WPS-907	**PA946**
WPS-908	**PA1083**
WPS-909	**PA672**
WPS-910	**PA747**
WPT-001	**PA767**
WPT-001A	**PA767**
WPT-001B	**PA767**
WPT-002	**PA936**
WPT-003	**PA713**
WPT-003	**PA768**
WPT-004	**PA714**
WPT-007	**PA486**
WPT-008	**PA772**
WPT-010	**PA715**
WPT-010A	**PA715**
WPT-013	**PA775**
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WPT-033	**PA1047**
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WPT-046	**PA768**
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GWHO-24A	**PA778**	GWM-65A	**PA1114**	GWO-09A	**PA236**	GWT-134AH	**PA1004**		
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PA741	Ford Europe / Ford Lcv, Truck / Mazda	234, 238, 244, 254, 256, 270, 276, 356
PA742	Ford Europe / Ford Lcv, Truck	232, 242, 244, 246, 250, 256, 264, 270, 276
PA744	Subaru	666
PA746	Mercedes Benz	370
PA747	Citroën / Citroën Lcv / Fiat / Fiat Lcv / Lancia / Peugeot / Peugeot Lcv / Suzuki / Toyota	124, 132, 134, 136, 142, 144, 146, 148, 152, 154, 156, 158, 212, 218, 220, 224, 226, 228, 334, 340, 494, 496, 498, 500, 502, 508, 514, 516, 518, 520, 524, 668, 672, 686
PA750	Opel Lcv / Renault Lcv, Truck	488, 590, 592
PA751	Opel Lcv / Renault Lcv, Truck	488, 590, 592
PA752	Mercedes Benz	362, 364, 368, 370, 376, 382
PA757	Audi	24, 54, 62
PA758	Audi / Volkswagen Lcv / Volvo	24, 54, 780, 782, 784, 788, 798, 816, 820, 826
PA759	Bmw	84, 86, 88, 98
PA761	Audi / Seat / Skoda / Volkswagen	36, 626, 632, 648, 736, 760
PA762	Audi / Seat / Skoda / Volkswagen	38, 42, 46, 50, 56, 626, 636, 642, 652, 656, 700, 702, 704, 720, 726, 728, 734, 736, 738, 746, 748, 750, 752, 768, 770
PA763	Audi	44, 58
PA764	Audi / Volkswagen	58, 62, 752, 772
PA765	Audi / Seat / Volkswagen	36, 634, 640, 700, 718, 736, 754, 760
PA766	Toyota	680, 684, 686, 688, 692, 694, 696
PA766A	Toyota	680, 684, 686, 688, 692, 694, 696
PA767	Toyota / Toyota Lcv / Volkswagen Lcv	676, 690, 698, 786
PA768	Toyota	680, 682, 684, 688
PA770	Nissan	428, 430, 432
PA771	Daihatsu / Toyota / Toyota Lcv / Volkswagen Lcv	168, 688, 690, 698, 700, 786
PA772	Toyota	680, 682, 684, 688, 692
PA773	Subaru / Suzuki / Suzuki Lcv	664, 668, 670, 672
PA774	Suzuki / Suzuki Lcv	666, 668, 670, 672
PA775	Toyota / Toyota Lcv	690, 698
PA776	Hyundai / Mitsubishi	296, 406, 414
PA777	Nissan	418, 424, 426, 430
PA778	Honda	286
PA779	Audi / Volkswagen	38, 42, 44, 54, 56, 62, 746
PA780	Hyundai / Hyundai Lcv / Mitsubishi / Mitsubishi Lcv	296, 298, 404, 406, 410, 412, 414
PA781	Nissan	424
PA782	Mitsubishi	402, 404, 406, 408, 412, 414
PA783	Kia / Mazda / Mazda Lcv	326, 352, 354, 358
PA784	Nissan	418, 426
PA786	Kia / Mazda / Mazda Lcv / Suzuki	324, 326, 348, 352, 358, 668, 672
PA788	Nissan	418, 430
PA789	Mitsubishi	402, 406, 408
PA790	Mazda	352, 354
PA791	Toyota	680, 682, 684, 688
PA793	Toyota	682, 684, 688, 692
PA794	Toyota	680, 682, 688, 692
PA795	Chrysler / Hyundai / Mitsubishi	120, 296, 404, 410, 412
PA796	Mitsubishi	406, 408, 412, 414
PA797	Isuzu	300, 302
PA798	Daihatsu / Daihatsu Lcv	166, 168, 170
PA799	Mitsubishi	404, 406, 408, 412
PA800	Mazda / Mazda Lcv	352, 354, 356, 358

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PA803	Nissan Lcv / Opel Lcv / Renault / Renault Lcv, Truck	434, 436, 488, 526, 536, 546, 548, 586, 590, 592, 600
PA804	Seat / Volkswagen	620, 736
PA805	Skoda / Skoda Lcv	646, 658
PA806	Seat / Skoda / Skoda Lcv / Volkswagen	626, 632, 648, 658, 722, 726, 760
PA807	Ford Europe / Ford Lcv, Truck / Jaguar	256, 274, 316
PA809	Isuzu / Opel / Opel Lcv	300, 302, 458, 484
PA810	Isuzu	302
PA811	Isuzu	302
PA812	Nissan / Nissan Lcv	418, 432, 434
PA813	Nissan / Nissan Lcv	432, 436
PA814	Nissan / Nissan Lcv	432, 436
PA816	Kia	320
PA819	Smart	660, 662
PA820	Nissan Lcv / Renault / Renault Lcv, Truck	434, 530, 540, 558, 584, 588, 592
PA821	Nissan / Nissan Lcv / Renault / Renault Lcv, Truck / Suzuki	416, 422, 434, 530, 538, 540, 556, 560, 578, 582, 586, 588, 592, 670
PA822	Mitsubishi / Nissan Lcv / Opel Lcv / Renault / Renault Lcv, Truck / Volvo	402, 412, 434, 436, 488, 526, 534, 536, 538, 542, 544, 546, 548, 554, 556, 578, 580, 586, 590, 600, 806
PA823	Nissan	416, 426, 428, 432
PA824	Volvo	800, 802, 808, 810, 812, 818, 820, 822, 828, 830, 832, 834
PA826	Daihatsu / Toyota	168, 170, 696
PA827	Toyota	696, 698
PA829	Hyundai / Kia	288, 290, 294, 298, 318, 322, 326
PA830	Nissan	416, 420, 426, 428
PA832	Ford Lcv, Truck / Land Rover	274, 276, 340
PA833	Lada	326, 328
PA834	Chevrolet / Opel / Opel Lcv	116, 118, 446, 448, 450, 456, 458, 466, 468, 480, 482, 484, 486
PA837	Citroën / Citroën Lcv / Fiat Lcv / Peugeot / Peugeot Lcv	122, 124, 128, 138, 144, 146, 152, 154, 158, 222, 224, 488, 490, 494, 496, 500, 518, 522
PA839	Ford Europe / Ford Lcv, Truck / Jaguar	256, 274, 316
PA840	Iveco	302, 304
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PA856	Bmw / Land Rover	98, 100, 108, 110, 112, 342
PA857	Bmw	108
PA858	Chrysler	120
PA859	Citroën / Citroën Lcv / Ford Europe / Ford Lcv, Truck / Mazda / Peugeot / Peugeot Lcv / Suzuki / Toyota	126, 128, 136, 144, 146, 154, 158, 242, 248, 270, 344, 488, 490, 494, 496, 500, 516, 518, 670, 678
PA860	Mini	400
PA861	Citroën / Citroën Lcv / Fiat / Fiat Lcv / Ford Europe / Lancia / Peugeot / Peugeot Lcv / Volvo	130, 132, 134, 156, 158, 212, 226, 228, 232, 244, 246, 250, 254, 256, 264, 266, 334, 502, 504, 508, 510, 514, 516, 518, 520, 798, 802, 806, 808, 820, 830
PA862	Citroën / Citroën Lcv / Fiat / Fiat Lcv / Lancia / Peugeot / Peugeot Lcv	130, 132, 134, 136, 146, 148, 154, 156, 158, 212, 224, 334, 340, 494, 496, 502, 508, 510, 514, 516, 520
PA863	Citroën / Peugeot	130, 132, 134, 496, 502, 508, 510, 514, 516
PA864	Toyota	676, 686, 688, 694, 696, 698
PA865	Volvo	820
PA866	Alfa Romeo / Fiat / Fiat Lcv / Lancia	18, 174, 176, 178, 182, 184, 186, 188, 190, 192, 194, 202, 216, 222, 226, 228, 334, 338, 340
PA867	Bmw	110
PA868	Audi / Skoda / Volkswagen	44, 46, 48, 50, 56, 58, 62, 658, 746, 748
PA869	Scania	614
PA870	Mercedes Benz Lcv, Truck	392, 394, 398
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PA872	Mercedes Benz Lcv, Truck	392
PA873	Mercedes Benz Lcv, Truck	392, 394
PA874	Mercedes Benz Lcv, Truck	394
PA875	Seat / Skoda / Skoda Lcv / Volkswagen	626, 632, 648, 660, 704, 760
PA876	Honda	284, 286, 288
PA877	Hyundai	288, 290
PA878	Audi / Ford Europe / Seat / Skoda / Volkswagen / Volkswagen Lcv	38, 40, 46, 48, 50, 56, 248, 616, 618, 620, 626, 636, 642, 652, 654, 656, 658, 702, 704, 720, 724, 726, 738, 748, 750, 770, 772, 780
PA879	Audi / Ford Europe / Seat / Skoda / Skoda Lcv / Volkswagen / Volkswagen Lcv	36, 40, 42, 248, 616, 618, 620, 622, 624, 626, 632, 636, 642, 648, 654, 656, 658, 660, 704, 722, 724, 726, 734, 736, 750, 760, 762, 768, 770, 772, 780, 782, 784, 788, 790
PA880	Fiat / Fiat Lcv	188, 190, 228
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PA882	Nissan	422, 424
PA883	Land Rover / Rover	342, 604, 606
PA884	Land Rover / Rover	342, 604, 606
PA885	Mercedes Benz	362, 364, 366, 370, 372, 380, 382, 386
PA886	Citroën / Fiat / Lancia / Peugeot / Renault	132, 134, 212, 334, 508, 510, 516, 526, 532, 546, 548
PA888	Mercedes Benz / Mercedes Benz Lcv, Truck	374, 394, 396
PA889	Mercedes Benz	370, 372, 380
PA890	Mini / Toyota / Toyota Lcv	400, 676, 686, 698
PA891	Jeep	318
PA892	Alfa Romeo	18
PA893	Bmw	74, 84, 86, 88, 90, 92, 110, 114
PA896	Honda	280
PA897	Honda	284
PA898	Volvo	820, 826, 830
PA899	Mercedes Benz	362, 364, 368, 370, 380, 382, 386
PA900	Fiat Lcv / Iveco / Peugeot Lcv	220, 308, 518
PA902	Ford Europe	242, 248, 254, 266
PA903	Ford Europe / Ford Lcv, Truck / Ford Usa Truck / Land Rover / Mazda / Mazda Lcv / Mercury / Volvo	232, 242, 244, 246, 248, 250, 254, 256, 258, 264, 266, 274, 276, 342, 346, 350, 352, 354, 356, 358, 398, 798, 808, 812, 820, 822, 830

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PA905	Audi / Dodge / Jeep / Mitsubishi / Seat / Skoda / Volkswagen	40, 44, 50, 58, 60, 170, 318, 406, 408, 410, 620, 632, 636, 638, 642, 644, 654, 658, 700, 720, 724, 726, 734, 746, 750, 752, 772, 774
PA906	Peugeot	508, 516
PA907	Nissan / Renault / Suzuki	426, 538, 544, 546, 556, 580, 668
PA908	Mercedes Benz / Mercedes Benz Lcv, Truck	380, 398
PA909	Mercedes Benz	364, 366, 370, 372, 380, 382
PA910	Mercedes Benz	362, 364
PA911	Citroën / Citroën Lcv / Fiat / Fiat Lcv / Peugeot / Peugeot Lcv / Suzuki	136, 140, 142, 144, 146, 148, 156, 158, 212, 218, 224, 498, 500, 508, 516, 518, 520, 668
PA912	Toyota	676, 678, 680, 692, 694
PA913	Iveco / Renault Lcv, Truck	308, 590
PA914	Iveco	306, 308
PA915	Iveco / Renault Lcv, Truck	308, 590
PA916	Iveco	306
PA917	Ford Usa / Mazda	276, 348, 352, 354, 356
PA918	Mitsubishi	404, 406, 412, 414
PA919	Toyota	676, 678, 682, 686, 692
PA920	Mitsubishi	410
PA921	Mazda	348
PA922	Hyundai / Mitsubishi	296, 404, 412, 414
PA923	Toyota	690, 692
PA924	Subaru	662, 664
PA925	Honda	282, 286
PA926	Suzuki	668
PA927	Nissan / Nissan Lcv	416, 432, 434, 436
PA928	Mazda	352
PA929	Toyota	692
PA930	Mitsubishi	410
PA931	Mazda	348, 354, 356
PA932	Ford Europe / Nissan / Nissan Lcv	254, 424, 432, 436
PA933	Mazda	350, 352, 354, 356
PA934	Hyundai / Kia	294, 296, 298, 322
PA935	Mitsubishi	406
PA936	Lexus / Toyota	342, 678
PA937	Mitsubishi	402, 404
PA938	Citroën / Citroën Lcv / Fiat Lcv / Ford Europe / Ford Lcv, Truck / Mazda / Mini / Peugeot / Peugeot Lcv / Santana / Suzuki / Volvo	124, 128, 130, 132, 134, 136, 148, 152, 154, 158, 226, 230, 232, 234, 242, 244, 246, 248, 250, 256, 266, 272, 276, 344, 346, 350, 400, 488, 490, 494, 496, 502, 504, 506, 508, 510, 512, 518, 520, 522, 524, 614, 672, 798, 808, 812, 820, 822, 830
PA939	Volkswagen	722, 726, 760
PA940	Opel / Opel Lcv	446, 466, 476, 482, 484
PA941	Citroën / Peugeot	128, 130, 488, 494, 496, 500, 502
PA942	Iveco	312, 314, 316
PA943	Acura / Honda / Rover	2, 278, 280, 288, 604
PA944	Toyota	676, 680, 682, 686
PA945	Toyota	680, 686, 688
PA946	Fiat / Subaru / Suzuki	202, 664, 668, 670, 672
PA947	Audi / Seat / Skoda / Volkswagen / Volkswagen Lcv	38, 44, 46, 48, 50, 56, 70, 616, 618, 624, 626, 630, 632, 634, 636, 642, 648, 652, 656, 658, 700, 702, 720, 722, 734, 736, 738, 746, 748, 760, 762, 768, 770, 772, 780, 784, 790
PA948	Honda	284
PA949	Honda	280, 284, 286
PA950	Hyundai / Kia	288, 290, 294, 322, 324
PA952	Toyota	684, 688
PA953	Toyota	676, 678, 682, 686, 688, 694
PA954	Audi / Seat / Skoda / Volkswagen	40, 626, 632, 644, 648, 654, 656, 704, 718, 722, 726, 734, 750, 760, 762, 772
PA955	Mercedes Benz	380
PA956	Ford Europe	256
PA957	Alfa Romeo / Fiat / Opel / Saab	6, 14, 20, 180, 446, 450, 458, 460, 472, 474, 478, 480, 610, 612
PA958	Opel / Opel Lcv / Suzuki	438, 446, 448, 456, 466, 474, 482, 484, 486, 672
PA959	Alfa Romeo / Chevrolet / Fiat / Opel / Opel Lcv / Saab	6, 114, 116, 118, 180, 202, 446, 448, 450, 456, 458, 466, 468, 472, 478, 480, 482, 612
PA960	Citroën / Renault	140, 142, 144, 536, 542, 544, 576
PA961	Toyota	678, 686, 688
PA962	Mazda	344, 346
PA963	Toyota	678, 686, 688, 692, 694
PA964	Bmw	74, 90, 100, 102, 110
PA965	Bmw	74, 84, 86, 88, 90, 92, 98, 100, 102, 106, 112
PA966	Skoda	648, 650
PA967	Iveco	308
PA968	Iveco	312, 314, 316
PA969	Iveco	312, 314
PA970	Honda	284, 286
PA971	Honda	280, 288
PA972	Hyundai / Kia	290, 292, 294, 298, 318, 320, 322, 324, 326
PA973	Mazda	346, 350, 352, 354, 356
PA974	Ford Europe / Jaguar	234, 254, 256, 316
PA975	Suzuki	668, 670
PA976	Ford Europe / Ford Lcv, Truck	238, 240, 258, 264, 270
PA977	Dacia / Dacia Lcv / Nissan / Nissan Lcv / Renault / Renault Lcv, Truck / Suzuki	160, 162, 422, 424, 428, 432, 434, 526, 530, 532, 534, 536, 538, 540, 542, 548, 554, 556, 558, 560, 578, 580, 586, 588, 590, 592, 670
PA978	Mercedes Benz / Mitsubishi / Smart	360, 362, 404, 660
PA979	Audi / Porsche / Volkswagen	48, 50, 52, 58, 60, 62, 68, 526, 752, 772
PA980	Audi / Seat / Skoda / Volkswagen	36, 42, 48, 50, 58, 60, 72, 620, 626, 638, 644, 654, 704, 724, 728, 734, 750, 768
PA981	Nissan Lcv / Renault	434, 528, 532
PA982	Volkswagen / Volkswagen Lcv	770, 784, 790
PA983	Dacia / Nissan Lcv / Renault / Renault Lcv, Truck	160, 162, 434, 528, 530, 532, 534, 538, 558, 582, 584, 586, 588
PA984	Fiat	172, 178
PA985	Mini	400
PA986	Citroën / Mitsubishi / Peugeot / Smart	130, 402, 404, 408, 506, 660
PA987	Land Rover	340
PA988	Skoda	650
PA990	Ford Europe / Ford Lcv, Truck / Mazda / Volvo	230, 232, 242, 244, 246, 248, 250, 254, 256, 266, 272, 276, 344, 798, 808, 812, 820, 822, 830

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PA992	Chrysler / Jeep / Mercedes Benz / Mercedes Benz Lcv, Truck	118, 318, 364, 366, 370, 372, 374, 376, 380, 382, 390, 396, 398
PA993	Mercedes Benz / Mercedes Benz Lcv, Truck	372, 374, 376, 380, 390, 396
PA994	Bmw / Citroën / Citroën Lcv / Mini / Peugeot / Peugeot Lcv	76, 124, 128, 130, 132, 136, 152, 400, 402, 490, 496, 502, 504, 510, 512, 514, 516, 524
PA995	Nissan / Nissan Lcv	432, 434, 436
PA996	Citroën Lcv / Fiat Lcv / Ford Lcv, Truck / Peugeot Lcv	156, 220, 276, 518
PA997	Mitsubishi / Mitsubishi Lcv	402, 404, 406, 412, 414
PA998	Fiat	188, 190
PA999	Mitsubishi	406, 412, 414
PA1000	Mitsubishi / Smart	404, 660
PA1001	Lexus / Toyota	342, 676, 678, 688, 694, 696
PA1002	Hyundai / Kia	298, 320, 322, 324
PA1003	Mitsubishi	408, 410
PA1004	Daihatsu	168, 170
PA1005	Toyota	686
PA1006	Mercedes Benz / Mercedes Benz Lcv, Truck	390, 396, 398
PA1008	Subaru	662, 664, 666
PA1009	Mitsubishi	402, 404, 408, 412
PA1010	Volkswagen Lcv	784
PA1011	Volkswagen Lcv	784
PA1012	Mitsubishi	410, 412
PA1013	Honda	280, 284, 286
PA1014	Suzuki	672
PA1015	Kia / Mazda	326, 352
PA1016	Mitsubishi	410
PA1017	Suzuki	668, 672
PA1018	Honda	288
PA1019	Ford Europe / Renault / Volvo	246, 248, 254, 258, 264, 542, 544, 576, 796, 798, 800, 802, 804, 806, 808, 810, 812, 814, 816, 818, 820, 822, 824, 826, 828, 830, 832, 834
PA1020	Citroën / Daihatsu / Peugeot / Subaru / Toyota	126, 168, 490, 664, 678, 698
PA1021	Hyundai / Kia	290, 292, 322
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PA1023	Hyundai / Kia	288, 290, 292, 294, 320, 322, 324
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PA1025	Mitsubishi	402
PA1026	Citroën Lcv / Fiat Lcv / Iveco / Peugeot Lcv	156, 220, 308, 518
PA1027	Mercedes Benz	364, 366, 370, 372, 374, 376, 380, 382, 386
PA1028	Mercedes Benz	364, 366, 370, 372, 376, 382, 386
PA1029	Mercedes Benz	360, 372, 374, 376, 380, 382, 384, 386
PA1030	Alfa Romeo / Chrysler / Fiat / Fiat Lcv / Ford Europe / Lancia / Opel Lcv	16, 18, 120, 174, 176, 178, 182, 184, 186, 188, 192, 194, 202, 216, 218, 222, 226, 228, 254, 332, 334, 338, 340, 484
PA1035	Dacia / Dacia Lcv / Renault / Renault Lcv, Truck	160, 162, 530, 540, 542, 548, 550, 552, 554, 578, 588, 590
PA1036	Suzuki	668, 672
PA1037	Nissan / Nissan Lcv / Opel Lcv / Renault / Renault Lcv, Truck	428, 432, 436, 488, 536, 538, 542, 546, 548, 556, 558, 580, 586, 592, 600
PA1038	Mercedes Benz	366, 372, 374, 382
PA1039	Bmw	74, 90, 92, 100, 102, 110
PA1040	Bmw	102, 106, 110, 112
PA1041	Audi / Ford Europe / Porsche / Skoda / Volkswagen / Volkswagen Lcv	42, 68, 70, 72, 250, 526, 658, 704, 724, 726, 750, 752, 772, 784, 790
PA1042	Nissan / Nissan Lcv	428, 436
PA1043	Dacia / Dacia Lcv / Nissan Lcv / Renault / Renault Lcv, Truck	160, 162, 434, 532, 534, 536, 538, 540, 542, 544, 546, 548, 554, 556, 558, 560, 578, 580, 582, 584, 586, 588, 590
PA1044	Citroën / Citroën Lcv / Fiat / Fiat Lcv / Lancia / Peugeot / Peugeot Lcv	130, 132, 134, 146, 148, 156, 158, 212, 224, 226, 334, 496, 502, 508, 510, 514, 516, 520
PA1045	Citroën / Citroën Lcv / Fiat / Fiat Lcv / Lancia / Peugeot / Peugeot Lcv	130, 132, 134, 146, 148, 158, 212, 224, 226, 334, 496, 502, 508, 510, 514, 516, 520
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PA1047	Toyota	676, 682
PA1048	Jaguar / Land Rover	316, 340, 342
PA1049	Citroën / Citroën Lcv / Fiat / Ford Europe / Jaguar / Lancia / Land Rover / Mitsubishi / Peugeot	132, 134, 156, 212, 250, 258, 264, 266, 316, 334, 342, 410, 506, 510, 514, 516
PA1050	Audi	52, 58, 60, 62, 68
PA1051	Audi / Seat / Skoda / Volkswagen	36, 40, 618, 636, 644, 654, 658, 704, 722, 726, 728, 734, 750, 752, 768, 770
PA1052	Nissan / Opel / Suzuki	424, 438, 668, 670, 672
PA1053	Bmw / Land Rover / Opel	86, 88, 98, 100, 102, 108, 112, 342, 468
PA1054	Bmw	98, 100, 108
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PA1056	Chrysler	120
PA1058	Bmw	102, 104, 106, 110, 112
PA1059	Mercedes Benz Lcv, Truck	394, 396
PA1060	Iveco	310
PA1061	Chevrolet	116, 118
PA1062	Honda	284, 286
PA1063	Hyundai / Kia	292, 296, 298, 318, 320, 322, 324, 326
PA1065	Dacia / Nissan / Renault	160, 162, 422, 424, 526, 534, 538, 556, 558, 580
PA1066	Nissan / Renault Lcv, Truck	424, 592
PA1067	Citroën / Peugeot	134, 510, 514
PA1068	Chevrolet / Opel	116, 118, 438
PA1069	Daihatsu	168, 170
PA1070	Nissan / Renault	416, 426, 428, 432, 542
PA1071	Audi / Seat / Skoda / Volkswagen	40, 42, 50, 52, 68, 72, 618, 626, 636, 642, 654, 658, 704, 724, 728, 734, 736, 750, 752, 770
PA1072	Audi / Seat / Skoda / Volkswagen / Volkswagen Lcv	40, 42, 50, 52, 60, 62, 68, 72, 618, 620, 626, 636, 638, 642, 654, 658, 704, 728, 734, 736, 750, 752, 768, 770, 776
PA1074	Bmw	110
PA1075	Renault	584
PA1076	Chrysler / Dodge / Jeep / Lancia	118, 120, 170, 318, 336
PA1077	Opel / Opel Lcv	448, 450, 458, 466, 480, 482
PA1078	Hyundai / Kia	288, 292, 294, 320, 322, 324, 326
PA1080	Toyota / Toyota Lcv	676, 690, 692, 698
PA1081	Porsche	524, 526
PA1082	Chrysler / Citroën / Dodge / Jeep / Lancia / Mitsubishi / Peugeot	120, 134, 170, 318, 332, 410, 506

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PA1083	Alfa Romeo / Chevrolet / Chrysler / Citroën Lcv / Fiat / Fiat Lcv / Ford Europe / Lancia / Opel / Opel Lcv / Peugeot Lcv / Suzuki	18, 116, 120, 158, 174, 176, 182, 184, 186, 192, 194, 216, 218, 222, 224, 228, 254, 334, 340, 438, 448, 456, 466, 474, 482, 484, 486, 518, 668, 670, 672
PA1084	Volkswagen	724, 728, 734, 736, 738
PA1085	Alfa Romeo / Chevrolet / Fiat / Fiat Lcv / Lancia / Opel / Opel Lcv / Saab / Suzuki	2, 4, 6, 8, 14, 16, 18, 20, 116, 174, 176, 178, 180, 182, 184, 186, 192, 202, 204, 216, 218, 220, 226, 228, 332, 334, 336, 448, 450, 458, 472, 478, 480, 482, 484, 610, 612, 670, 672
PA1086	Daihatsu / Subaru / Toyota	168, 666, 676, 686, 696, 698
PA1087	Dacia / Mitsubishi / Nissan Lcv / Opel Lcv / Renault / Renault Lcv, Truck / Volvo	160, 402, 412, 436, 488, 534, 536, 538, 544, 546, 548, 556, 558, 580, 586, 600, 806
PA1088	Hyundai / Kia	288, 292, 296, 318, 320, 322, 324, 326
PA1089	Audi / Seat / Skoda / Skoda Lcv / Volkswagen / Volkswagen Lcv	36, 40, 42, 52, 68, 618, 620, 632, 636, 648, 656, 658, 660, 726, 728, 734, 752, 762, 770, 776, 780
PA1090	Audi / Seat / Skoda / Volkswagen	40, 42, 50, 52, 58, 68, 72, 620, 638, 644, 654, 658, 728, 734, 736, 750, 752, 768, 770
PA1091	Dacia / Dacia Lcv / Mercedes Benz / Mercedes Benz Lcv, Truck / Nissan / Renault / Renault Lcv, Truck	160, 162, 360, 362, 390, 420, 424, 428, 532, 534, 536, 538, 542, 548, 556, 558, 560, 580, 586, 590
PA1092	Honda	284, 286
PA1093	Toyota	690
PA1094	Toyota	690
PA1095	Renault / Suzuki	538, 558, 580, 668
PA1096	Ford Lcv, Truck	276
PA1097	Nissan / Renault / Suzuki	426, 538, 544, 546, 556, 580, 668
PA1098	Dodge / Mercedes Benz / Mercedes Benz Lcv, Truck	170, 390, 396, 398
PA1099	Mazda	346, 352, 354
PA1100	Ford Lcv, Truck	276
PA1101	Fiat / Fiat Lcv	216, 228
PA1104	Audi / Ford Europe / Seat / Seat Lcv / Skoda / Volkswagen / Volkswagen Lcv	20, 22, 24, 26, 28, 30, 32, 34, 36, 54, 64, 66, 248, 616, 618, 622, 624, 628, 638, 640, 642, 644, 646, 652, 702, 706, 708, 710, 712, 714, 716, 718, 720, 728, 730, 732, 738, 740, 742, 744, 746, 756, 758, 762, 764, 766, 768, 770, 774, 776, 778, 780, 786, 788
PA1105	Audi / Ford Europe / Seat / Seat Lcv / Skoda / Volkswagen / Volkswagen Lcv	20, 22, 24, 26, 28, 30, 32, 34, 36, 54, 64, 66, 248, 616, 618, 622, 624, 628, 640, 642, 644, 646, 652, 702, 706, 708, 710, 712, 714, 716, 718, 720, 728, 730, 732, 738, 740, 742, 744, 746, 756, 758, 762, 764, 766, 768, 770, 774, 776, 778, 780, 786, 788
PA1106	Hyundai Lcv / Kia	298, 324
PA1107	Mercedes Benz	366, 372, 374, 380, 386
PA1108	Jeep	316, 318
PA1109	Mercedes Benz Lcv, Truck	396
PA1110	Citroën / Citroën Lcv / Fiat Lcv / Ford Europe / Peugeot / Peugeot Lcv	130, 132, 134, 136, 158, 226, 232, 248, 250, 254, 256, 264, 266, 496, 502, 504, 510, 514, 516, 520
PA1111	Volvo	822, 834
PA1113	Kia	320
PA1114	Mitsubishi Lcv	414
PA1116	Bmw	104, 110, 112
PA1117	Kia	320
PA1118	Bmw	90, 92
PA1119	Honda	284, 286
PA1120	Subaru	664, 666
PA1121	Ford Lcv, Truck / Land Rover	274, 276, 340
PA1122	Ford Lcv, Truck	276
PA1123	Ford Lcv, Truck	276
PA1124	Chevrolet / Opel / Opel Lcv	116, 118, 438, 448, 450, 456, 466, 468, 480, 486
PA1125	Hyundai / Kia	292, 322, 324
PA1126	Bmw	90, 92, 112
PA1127	Land Rover	342
PA1128	Chevrolet	114, 118
PA1129	Bmw	110
PA1131	Nissan / Nissan Lcv	420, 422, 424, 428, 432, 434
PA1132	Subaru / Toyota	666, 676, 696, 698
PA1133	Lexus	342
PA1134	Toyota	676, 678, 686, 694, 696, 698
PA1135	Citroën / Citroën Lcv / Fiat / Mitsubishi / Peugeot	130, 134, 156, 182, 402, 408, 410, 506
PA1136	Hyundai / Kia	290, 292, 294, 298, 320, 322, 324, 326
PA1137	Audi / Seat / Skoda / Volkswagen / Volkswagen Lcv	36, 40, 42, 50, 52, 60, 68, 72, 618, 632, 644, 648, 654, 656, 658, 704, 728, 734, 736, 750, 752, 768, 770, 772, 774, 776, 780, 784, 790
PA1139	Volvo	812, 822, 830, 832
PA1141	Audi / Porsche / Volkswagen	52, 60, 62, 68, 526, 772
PA1142	Smart	660
PA1143	Kia	318, 322, 324
PA1144	Lexus / Toyota	342, 344, 676, 678, 680, 694
PA1145	Mitsubishi	406, 408, 410
PA1147	Renault Lcv, Truck	590, 592
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PA1152	Porsche	524, 526
PA1153	Audi	48, 50, 54, 58, 60
PA1154	Toyota	676, 680
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PA1156	Iveco	308, 314
PA1157	Kia	324
PA1158	Citroën / Peugeot	134, 510
PA1159	Mitsubishi	406, 410, 412
PA1160	Aston Martin / Toyota	20, 690
PA1161	Iveco	306, 308
PA1162	Porsche	524
PA1163	Audi	70
PA1164	Bmw	74, 76, 90, 92, 104, 110, 112
PA1167	Audi / Seat / Skoda / Skoda Lcv / Volkswagen / Volkswagen Lcv	36, 40, 42, 618, 632, 636, 648, 654, 656, 658, 660, 726, 728, 734, 736, 762, 772, 780
PA1168	Subaru	666
PA1169	Subaru	662
PA1170	Lexus / Toyota	342, 690
PA1171	Citroën / Mitsubishi / Mitsubishi Lcv / Peugeot	130, 402, 408, 410, 414, 506
PA1172	Nissan	420
PA1173	Mercedes Benz	386
PA1174	Hyundai / Kia	294, 296, 320, 324, 326
PA1175	Honda	280, 286
PA1176	Renault Lcv, Truck	590

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PA1179	Mercedes Benz	360, 362
PA1181	Nissan Lcv	434, 436
PA1182	Nissan Lcv / Opel Lcv / Renault Lcv, Truck	434, 488, 592
PA1183	Nissan / Renault	428, 432, 534, 536, 548
PA1184	Hyundai / Kia	290, 292, 320, 322
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PA1186	Hyundai / Kia	294, 296, 322, 324
PA1187	Hyundai / Kia	296, 320, 322
PA1189	Mini	400, 402
PA1190	Ssangyong	662
PA1191	Honda	280
PA1192	Tata	674, 676
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PA1196	Hyundai / Kia	292, 322
PA1197	Mercedes Benz Lcv, Truck	396
PA1198	Iveco	306, 308, 310, 314
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PA1202	Audi	52, 60, 62, 68
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PA1213	Porsche	524
PA1214	Porsche	524
PA1216	Porsche	524, 526
PA1220	Audi	42, 72
PA1229	Mitsubishi / Mitsubishi Lcv	406, 414
PA1237	Daihatsu	168
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PA1239	Citroën / Peugeot	128, 134, 136, 490, 496, 504
PA1247	Ford Europe	230, 242
PA1249	Aixam / Grecav / Ligier	2, 278, 344
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KP286-2	Autobianchi / Fiat / Fiat Lcv / Lancia	72, 180, 190, 192, 202, 212, 224, 226, 338
KP286-3	Fiat / Fiat Lcv / Lancia	188, 190, 194, 228, 338
KP425-1	Seat / Volkswagen / Volkswagen Lcv	622, 626, 708, 710, 716, 754, 774, 784
KP442-1	Daewoo / Opel / Opel Lcv	164, 440, 442, 444, 446, 452, 454, 460, 462, 464, 474, 476, 482, 484, 486
KP491-1	Citroën / Peugeot	122, 124, 126, 138, 144, 146, 148, 490, 494, 498, 500
KP541-1	Opel / Opel Lcv	442, 444, 454, 474, 476, 482
KP541-2	Opel / Opel Lcv	444, 446, 456, 474, 478, 482
KP541-3	Opel / Opel Lcv	446, 456, 466, 478, 480, 484
KP572-1	Daewoo / Opel	164, 166, 444, 450, 468, 476, 478
KP603-1	Seat / Seat Lcv / Volkswagen / Volkswagen Lcv	620, 622, 628, 644, 710, 716, 754, 756, 758, 774, 776, 784
KP603-2	Seat / Seat Lcv / Skoda / Volkswagen / Volkswagen Lcv	622, 624, 628, 630, 644, 650, 712, 716, 754, 756, 758, 774, 776, 778
KP621-1	Alfa Romeo / Fiat / Lancia	2, 4, 6, 16, 18, 176, 180, 330, 332
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KP632-1	Renault / Renault Lcv, Truck	528, 530, 540, 584, 586, 588, 602
KP672-1	Alfa Romeo / Fiat / Fiat Lcv / Lancia	2, 4, 178, 182, 186, 188, 194, 196, 204, 218, 224, 228, 332, 334
KP672-2	Alfa Romeo / Fiat / Opel	6, 180, 184, 202, 472, 478
KP672-3	Alfa Romeo / Fiat / Lancia	4, 8, 186, 188, 332, 334, 336
KP674-1	Audi / Seat / Skoda / Skoda Lcv / Volkswagen / Volkswagen Lcv	36, 620, 624, 630, 632, 634, 640, 646, 650, 654, 656, 660, 700, 718, 722, 724, 726, 736, 756, 758, 760, 778, 780
KP674-2	Seat / Skoda / Volkswagen	630, 632, 646, 648, 654, 722, 724, 726, 760, 762
KP676-1	Seat / Seat Lcv / Volkswagen / Volkswagen Lcv	620, 624, 630, 644, 736, 756, 758, 776
KP683-1	Citroën / Peugeot / Peugeot Lcv	124, 128, 144, 146, 494, 502, 522
KP724-1	Renault / Renault Lcv, Truck	530, 540, 542, 544, 546, 548, 550, 552, 554, 558, 578, 582, 584, 588
KP727-1	Opel / Saab	442, 446, 448, 456, 466, 472, 478, 480, 610
KP731-1	Audi / Seat / Seat Lcv / Skoda / Volkswagen / Volkswagen Lcv	38, 40, 624, 628, 630, 636, 642, 646, 652, 700, 720, 738, 756, 758, 778
KP738-1	Chevrolet / Daewoo / Daewoo Lcv	116, 118, 164, 166
KP738-2	Chevrolet / Daewoo	114, 116, 118, 164
KP739-1	Fiat / Fiat Lcv / Lancia	180, 188, 190, 192, 194, 216, 224, 228, 338, 340
KP739-2	Fiat / Fiat Lcv / Lancia	190, 192, 202, 224, 226, 338
KP747-1	Citroën / Citroën Lcv / Fiat / Fiat Lcv / Lancia / Peugeot / Peugeot Lcv / Suzuki	124, 132, 136, 142, 146, 148, 152, 156, 158, 212, 218, 220, 224, 226, 340, 496, 500, 502, 508, 516, 518, 520, 524, 668
KP747-2	Citroën / Citroën Lcv / Fiat Lcv / Peugeot / Peugeot Lcv	124, 132, 146, 148, 152, 158, 226, 496, 500, 502, 508, 514, 516, 520, 524
KP747-3	Citroën / Citroën Lcv / Fiat Lcv / Peugeot / Peugeot Lcv / Toyota	124, 146, 148, 152, 156, 224, 494, 498, 500, 520, 524, 686
KP747-4	Citroën / Citroën Lcv / Fiat / Fiat Lcv / Lancia / Peugeot / Peugeot Lcv	132, 134, 158, 212, 226, 334, 340, 516, 520
KP758-1	Volkswagen Lcv	782, 784, 788
KP761-1	Audi / Seat / Skoda / Volkswagen	36, 622, 632, 648, 736, 760
KP762-1	Audi / Ford Europe / Seat / Skoda / Volkswagen / Volkswagen Lcv	38, 40, 46, 56, 248, 618, 636, 642, 652, 656, 702, 720, 738, 748, 750, 780
KP762-2	Audi / Ford Europe / Seat / Skoda / Volkswagen	38, 40, 44, 46, 56, 248, 616, 618, 652, 656, 702, 720, 738, 746, 748, 768, 770
KP821-1	Nissan / Renault / Renault Lcv, Truck	416, 422, 530, 540, 556, 578, 582, 584, 586, 588
KP822-1	Mitsubishi / Nissan Lcv / Opel Lcv / Renault / Renault Lcv, Truck / Volvo	402, 412, 434, 436, 488, 536, 542, 544, 546, 590, 600, 806
KP822-2	Renault	544, 546
KP824-1	Volvo	810, 818, 828, 832, 834
KP829-1	Hyundai / Kia	288, 290, 294, 298, 318, 326
KP837-1	Citroën / Citroën Lcv / Peugeot / Peugeot Lcv	122, 124, 128, 138, 144, 146, 152, 488, 494, 496, 498, 500, 522
KP837-2	Citroën / Peugeot	122, 128, 138, 490, 494
KP859-1	Citroën / Ford Europe / Ford Lcv, Truck / Mazda / Peugeot / Toyota	126, 128, 144, 146, 242, 248, 270, 344, 488, 490, 494, 496, 500, 678
KP861-2	Citroën / Citroën Lcv / Fiat Lcv / Ford Europe / Lancia / Peugeot / Peugeot Lcv / Volvo	130, 132, 134, 158, 226, 232, 244, 246, 250, 264, 266, 334, 502, 510, 514, 520, 798, 808
KP866-1	Fiat / Fiat Lcv / Lancia	182, 184, 218, 334

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KP868-1	Audi / Skoda / Volkswagen	44, 48, 50, 56, 58, 62, 658, 746, 748
KP878-1	Audi / Ford Europe / Seat / Skoda / Volkswagen	38, 40, 42, 46, 48, 50, 56, 248, 616, 618, 620, 638, 652, 656, 702, 704, 720, 724, 726, 734, 738, 748, 750, 768, 770, 774
KP879-1	Audi / Ford Europe / Seat / Skoda / Skoda Lcv / Volkswagen / Volkswagen Lcv	36, 40, 248, 618, 620, 624, 626, 632, 636, 642, 648, 654, 656, 658, 660, 704, 722, 724, 726, 734, 750, 760, 762, 768, 770, 772, 780, 784, 788, 790
KP904-1	Audi / Seat / Skoda / Volkswagen / Volkswagen Lcv	36, 38, 42, 48, 624, 630, 634, 638, 640, 650, 654, 700, 718, 722, 726, 734, 736, 746, 750, 756, 758, 772, 780
KP905-1	Audi / Seat / Skoda / Volkswagen	40, 50, 58, 60, 620, 638, 644, 656, 724, 726, 734, 750, 772, 774
KP905-2	Audi / Seat / Skoda / Volkswagen	40, 620, 636, 638, 642, 644, 654, 656, 658, 724, 726, 734, 750, 772, 774
KP938-1	Citroën / Citroën Lcv / Ford Europe / Mazda / Mini / Peugeot / Peugeot Lcv / Volvo	124, 128, 130, 132, 148, 152, 158, 232, 242, 244, 246, 248, 346, 400, 494, 496, 502, 510, 522, 524, 798, 808
KP947-1	Skoda / Volkswagen	652, 654, 702, 722, 748
KP947-2	Audi / Seat / Skoda / Volkswagen	38, 70, 616, 634, 642, 652, 700, 720, 738, 768
KP947-3	Audi / Volkswagen	44, 46, 48, 50, 56, 748
KP947-4	Audi / Seat / Skoda / Volkswagen	38, 44, 56, 70, 616, 624, 630, 634, 636, 642, 652, 700, 720, 738, 768
KP977-1	Dacia / Renault / Renault Lcv, Truck	160, 530, 532, 538, 540, 548, 556, 560, 578, 584, 586, 588
KP980-1	Audi / Seat / Volkswagen	42, 48, 50, 58, 72, 620, 724, 750
KP983-1	Dacia / Nissan Lcv / Renault / Renault Lcv, Truck	160, 162, 434, 528, 530, 532, 534, 538, 558, 582, 584, 586, 588
KP1019-1	Renault / Volvo	542, 544, 576, 800, 802, 804, 806, 808, 810, 812, 814, 816, 818, 820, 824, 826, 828, 830, 832, 834
KP1019-2	Volvo	800, 802, 804, 808, 810, 812, 818, 820, 826, 828, 830, 832, 834
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