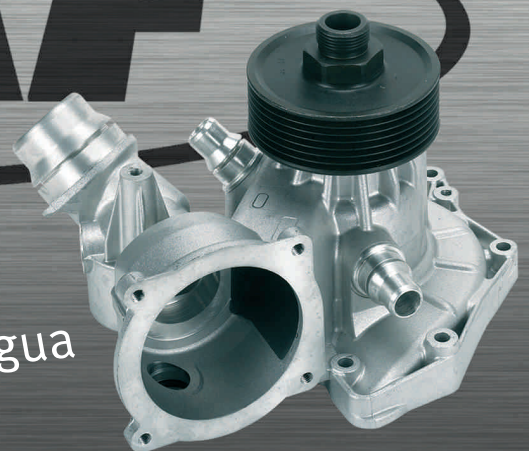
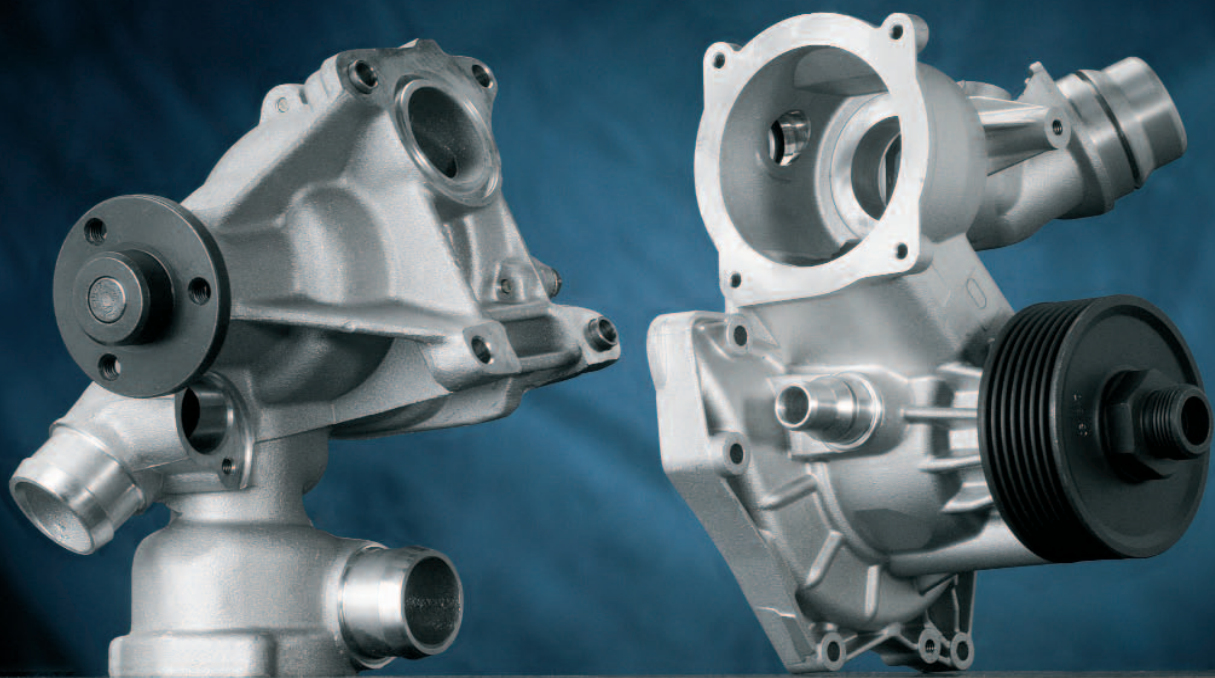


2008



Pompe Acqua
Water Pumps • Pompes a Eau
Wasserpumpen • Bombas de Agua





**POMPE ACQUA - WATER PUMPS
POMPES À EAU - WASSERPUMPEN - BOMBAS DE AGUA**





733 sono le pompe acqua presenti in questo catalogo.

733 are the water pumps in this catalog.

733 est les pompes à eau présentes dans ce catalogue.

733 sind die Wasserpumpe Sachnummer, die in diesem Katalog aufgelistet sind.

733 es las bombas agua presente en este catálogo.



La gamma delle pompe acqua rappresenta la miglior offerta nel mercato del ricambio indipendente in termini di copertura del parco circolante, livello tecnologico e qualità.

The range of the water pumps represents the best offer in the independent aftermarket in terms of circulating parc coverage, technology level and quality.

La gamme des pompes à eau représente la meilleure offre du marché indépendant des pièces détachées en termes de couverture du parc en circulation, avec un niveau technologique de qualité.

Das Wasserpumpensortiment ist das beste Angebot auf dem unabhängigen Ersatzteilemarkt in Bezug auf die Deckung des zirkulierenden Fahrzeugparks, den technologischen Standard und die Qualität.

La gama de bombas de agua representa la mejor oferta del mercado independiente de repuestos en cuanto a cobertura del parque circulante, nivel tecnológico y calidad.

INDICE - INDEX - INDEX - INHLAT - INDICE

Manuale tecnico - Technical handbook	
Manuel technique - Technisches Handbuch - Manual técnico	pag. VII
Abbreviazioni - Abbreviations	
Abréviations - Zeichenerklärung - Abreviaturas	pag. XXII
Simbologia - Symbols	
Symbologie - Symbole - Simbologia	pag. XXIII
Lista dei nuovi riferimenti - New references list	
Liste nouvelles références - Liste neue Sachnummer - Lista nuevas referencias	pag. XXIV
Indice marca e modello - Make and model Index	
Index marque et modèle - Inhalt Marke und Modell - Índice marca y modelo	pag. XXV
Applicazioni - Applications	
Applications - Anwendungen - Aplicaciones	pag. 1-530
Lista dei riferimenti - Cross References List	
Table equivalences - Vergleichsliste - Lista de equivalencias	pag. 531-543
Lista numerica - Numerical list	
Liste numérique - Teilnummerliste - Lista numerica	pag. 544-550
Condizioni di vendita - Conditions of sale	
Conditions de vente - Verkaufsbedingungen - Condiciones de venta	pag. 551



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 omocineticici 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.

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.

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 racheté la totalité de la société GRAF S.p.A., producteur leader de pompes à eau et de disques de frein.

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 Bremscheiben.

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 líder de bombas de agua y discos de freno.



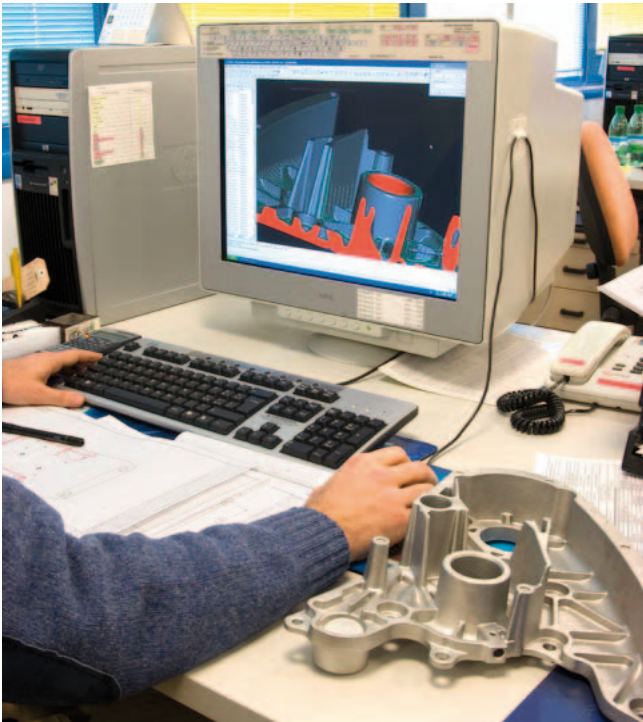
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m2 19.000



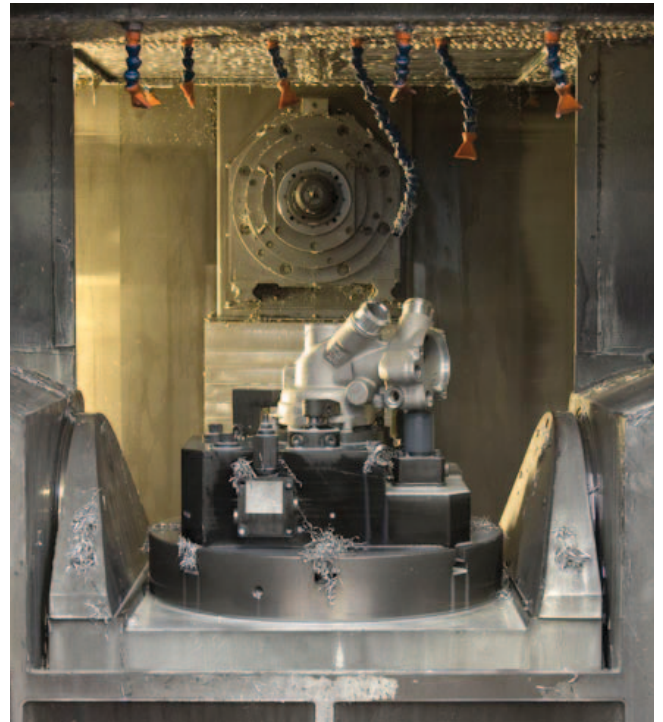
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m2 15.000



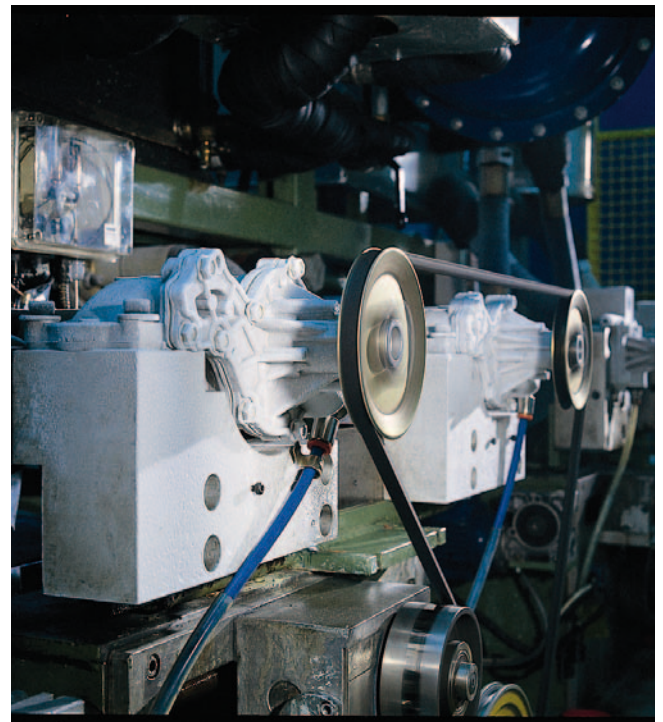
Progettazione tridimensionale
Three-dimensional design
 Tridimensionnel projet
Projekte 3D
 Proyección Tridimensional



Lavorazione meccanica
Mechanical machining
 Usinages mécaniques
Mechanische Bearbeitungen
 Mecanizado



Linea di assemblaggio automatica
Automatic assembling lines
 Ligne automatique de assemblage
Automatische Linie für Montage
 Línea automática de montaje



Test shock termico (-40 C° / +140 C°)
 Thermal shock test
 Choc test thermique
 Thermoschockversuche
 Test shock térmico



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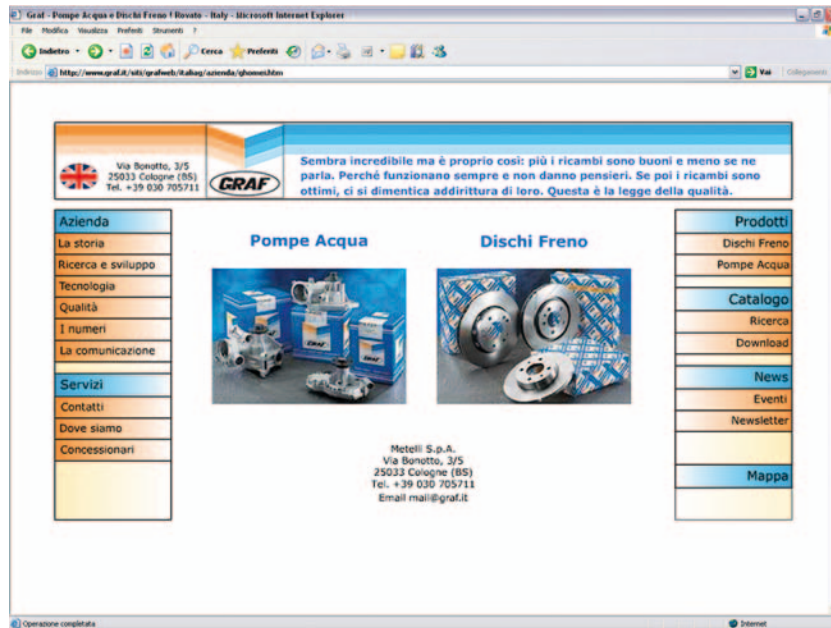
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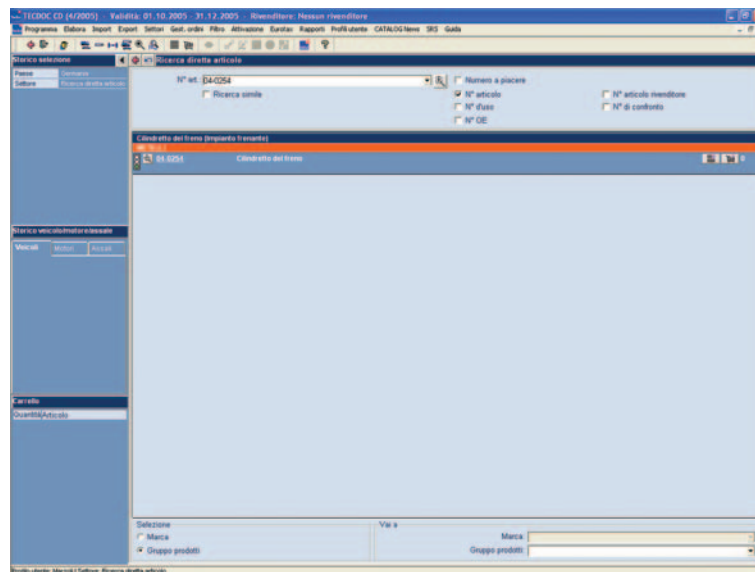
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Manuale tecnico Pompa Acqua

Technical handbook Water Pumps

1) Funzionamento / *Operation*

2) Sezione tipica di una pompa acqua /

Typical Cross-Section of a Water Pump

3) Importanza delle performance /

The Importance of Performance

4) Fluido refrigerante / *Coolant*

5) Affidabilità dei componenti / *Reliability of Components*

5.1) Cuscinetti / *Bearings*

5.2) Tenuta meccanica / *Mechanical Seal*

5.3) Girante / *Impeller*

5.4) Puleggia / *Pulley*

6) Istruzioni di montaggio della pompa acqua /

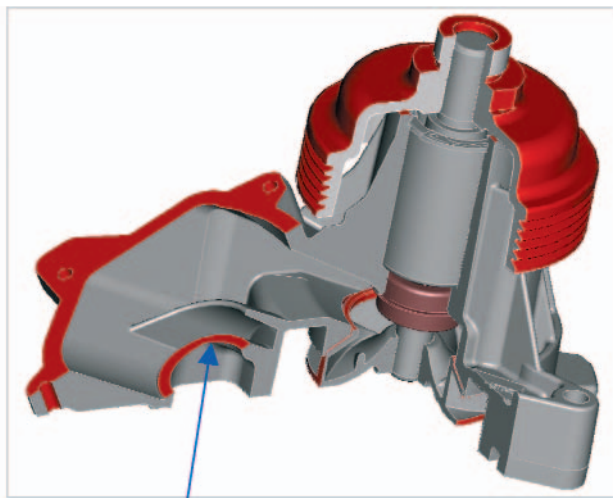
Pump Assembly Instructions

7) Casi frequenti di danneggiamento della pompa acqua /

Common Pump Damage Scenarios

1) Funzionamento / Operation

Nell'automobile la pompa dell'acqua ha il fondamentale scopo di assicurare il flusso appropriato di fluido refrigerante per il raffreddamento del motore. Per rimuovere dal motore il calore generato dalla combustione, il fluido deve essere mosso con la giusta portata, e per vincere le resistenze dell'intero circuito esso deve possedere la giusta prevalenza. La pompa è trascinata da una puleggia mossa da una cinghia, la cui velocità è legata al numero di giri dell'albero motore, quindi normalmente la pompa è sempre funzionante: assorbe potenza meccanica dal motore e cede potenza idraulica al fluido attraverso la girante, proporzionalmente al numero di giri del motore. Dato che la



Seggio del termostato costruito integralmente con la pompa acqua
Thermostat housing integrated in the water pump

pompa funziona sempre, il fatto che il fluido refrigerante sia effettivamente fatto circolare attraverso l'intero motore ed il radiatore, è quindi deciso da un altro organo: il termostato (in qualche caso il suo seggio, costruttivamente, è integrato nel corpo pompa); esso non è in grado di fermare la pompa, ma può fare in modo che dal motore non venga asportato calore quando non è necessario (per esempio quando è ancora freddo).

In automotive engines, the fundamental purpose of the water pump is to assure an appropriate flow of coolant to cool the engine. In order to remove the heat generated by combustion from the engine, the coolant must be moved at the correct flowrate, and it must have the pressure required to overcome the resistance of the entire system. The pump is driven by a pulley powered by a belt, the speed of which is proportional to the drive shaft rpm; therefore, the pump is normally always in operation. It absorbs mechanical energy

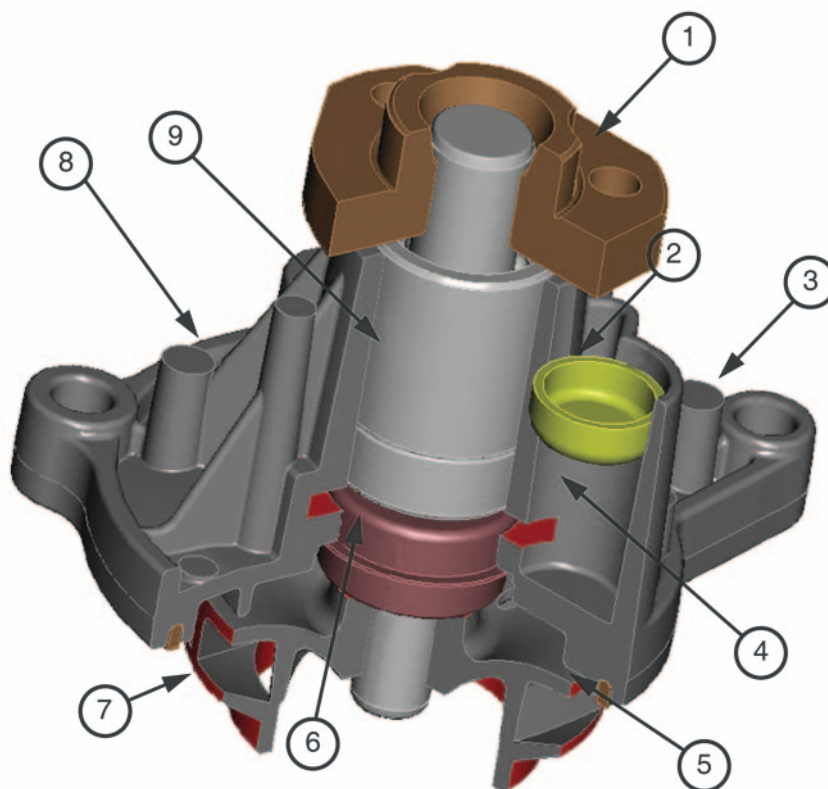
from the engine and transfers hydraulic energy to the fluid by means of the impeller, in proportion to the engine rpm. Since the pump is always running, whether or not the coolant is actually circulated through the engine and the radiator depends on another component, the thermostat (in some cases, its housing is actually incorporated in the body of the pump itself). The thermostat cannot stop the pump, but it can ensure that heat is not removed from the engine when this is not necessary (e.g. when it is still cold).

Compatibilmente con la resistenza dei materiali, è noto che il rendimento del motore è migliore quanto più alta è la sua temperatura di funzionamento; per questo alcune automobili sono equipaggiate con circuiti pressurizzati, in modo da poter far circolare il fluido di raffreddamento a temperature ben superiori ai 100°C, evitando però l'ebollizione dello stesso ed i pericolosi fenomeni di cavitazione sulla girante. A margine, il fatto che la pompa sia di fatto legata al numero di giri sul motore ha degli evidenti svantaggi: in primo luogo la girante non può essere ottimizzata per uno specifico regime, come normalmente avviene nelle grosse pompe idrauliche; in secondo luogo la massa di refrigerante messa in circolazione non è sempre modulata sulle reali necessità del motore nelle varie situazioni; in terzo luogo la pompa non può essere fermata quando non serve. Ecco perché le case automobilistiche ed i costruttori di pompe acqua stanno studiando una pompa che sia mossa da un motore elettrico. Una soluzione alternativa è poi costituita dalla pompa meccanica "sganciabile" dalla cinghia di trascinamento tramite una frizione elettromagnetica.

Within the limits set by the strength of the materials, it is well known that the higher an engine's operating temperature, the greater its efficiency. For this reason, some cars are equipped with pressurised systems, so that the coolant can be circulated at temperatures well over 100°C without boiling, which would cause hazardous cavitation on the impeller. Right: the fact that the pump is actually linked to the engine rpm has obvious disadvantages. Firstly, the impeller cannot be optimised for a specific operating speed, as it is normally the case in large hydraulic pumps. Secondly, the amount of coolant circulated is not always modulated to the engine's real needs in the various situations. Thirdly, the pump cannot be stopped when it is not needed. This is why automotive manufacturers and pump producers are working on the development of a pump driven by an electric motor. Another alternative is a mechanical pump which can be "disengaged" from the drive belt by means of an electromagnetic clutch.

2)

Sezione tipica di una pompa acqua con cuscinetto integrale, tenuta meccanica integrale, girante a vani chiusi / *Typical Cross-Section of a Water Pump with Integrated Bearing, Integrated Mechanical Seal and Closed Impeller*



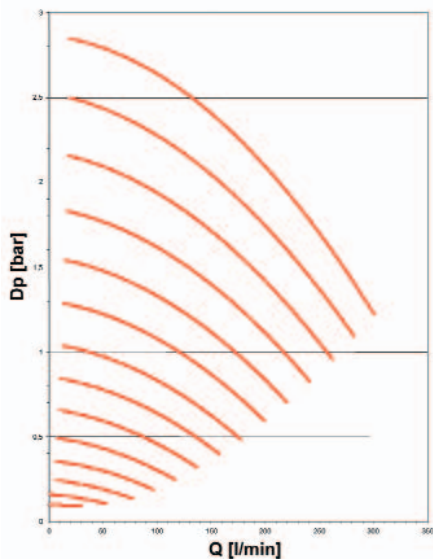
- 1) Mozzo o flangia, sul quale si monta la puleggia che dà il moto alla pompa / *Hub or flange, on which the pulley that drives the pump is installed*
- 2) Tappo del serbatoio perdite dalla tenuta, con relativo foro di uscita / *Cap of leakage drain pot, with drainage hole*
- 3) Sede per una delle viti di fissaggio al motore / *Seat for one of the screws which fixes the pump to the engine*
- 4) Serbatoio per eventuali perdite dalla tenuta meccanica / *Leakage drain pot for any leaks from the mechanical seal*
- 5) OR di tenuta sul piano di attacco della pompa / *O-ring seal on the pump fixing surface*
- 6) Tenuta meccanica (o premistoppa) / *Mechanical seal*
- 7) Girante (in questo caso, del tipo a vani chiusi) / *Impeller (in this case, of closed type)*
- 8) Corpo della pompa / *Pump housing*
- 9) Cuscinetto integrale / *Integrated shaft bearing*

3) Importanza delle prestazioni / The Importance of Performance

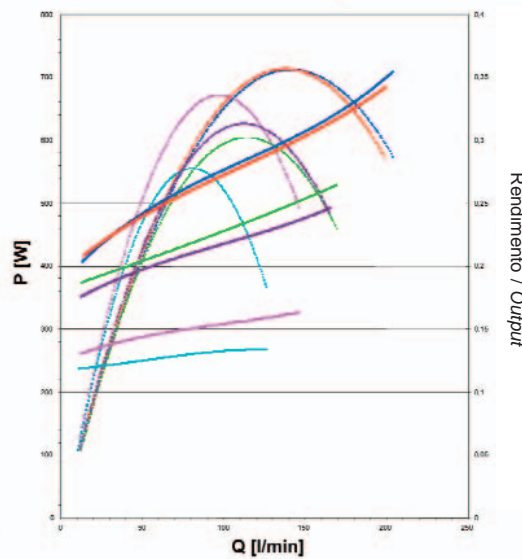
Ogni pompa è caratterizzata dalle sue prestazioni in termini di portata e prevalenza ai vari regimi di rotazione, nonché dalla potenza meccanica assorbita e da quella idraulica resa.

Come spiegato nel primo paragrafo, queste pompe dovrebbero teoricamente essere ottimizzate su tutti i numeri di giri del suo funzionamento: necessariamente la geometria risultante delle giranti sarà un buon compromesso che garantisca comunque prestazioni adeguate per tutto il campo in cui la pompa si troverà ad operare.

Curve Caratteristiche / Characteristic curves



Curve Potenza n=5000 gir/min /
Power curves n=5000 rpm

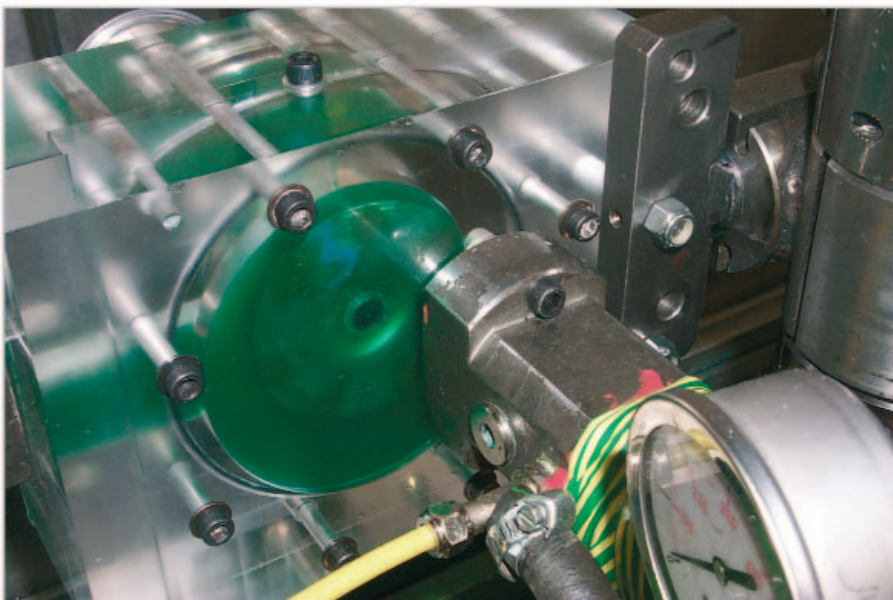


Garantite le prestazioni minime e massime necessarie al raffreddamento del motore ai vari regimi, ci sono altre condizioni che devono essere verificate. In primo luogo che ai minimi regimi di rotazione si abbia l'innescò della pompa, senza il quale avviene la rotazione a secco della tenuta e il suo danneggiamento; in secondo luogo che si evitino problemi di cavitazione, che causano la precocissima erosione della girante.

Each pump is characterised by its performance data in terms of flow rate and pressure at the various rotation speeds, and by the mechanical energy it absorbs and the hydraulic energy it delivers.

As explained in the first section, these pumps should theoretically be optimised for all the rpm within their operating range: by necessity, the resulting impeller shape will be a good compromise that assures acceptable performance throughout the speed range within which the pump will operate.

Once the minimum and maximum performance levels needed to cool the engine at the various speeds have been guaranteed, other conditions also have to be met. First and foremost, the pump must be primed at the minimum rotation speeds, to ensure that the seal is not rotated dry and damaged. Secondly, cavitation must be avoided, since this would cause very premature impeller erosion.





Erosione su attrezzatura di prova
/ Erosion on test equipment

Per evitare questi problemi potenzialmente distruttivi, un'accurata progettazione della geometria della girante è fondamentale; tale progettazione viene testata ben prima della produzione. Secondo un iter ormai collaudato da anni, partendo dalla modellazione tridimensionale, si realizza direttamente il prototipo attraverso le più moderne tecniche del "rapid prototyping" e, mediante l'impiego di uno specifico banco prove, si realizzano curve caratteristiche, curve di confronto e prove di cavitazione per validare la geometria della pompa prima di iniziarne l'industrializzazione. Oltre a ridurre il time-to-market (non a caso la nostra gamma è la più vasta oggi disponibile), possiamo quindi garantire che le nostre pompe offrono prestazioni estremamente vicine ed in molti casi superiori agli originali, e che sono esenti da fenomeni di cavitazione, a patto che il circuito sia correttamente spurgato in fase di installazione della pompa.

To avoid these potentially destructive problems, appropriate impeller design is fundamental, and this design must be tested well before it is put into production. Following a procedure that has now been well established for years, three dimensional modelling is used for direct production of the prototype, with the aid of the

latest rapid prototyping techniques. A special test bench is then used to produce characteristic curves and comparative curves and to perform cavitation tests, in order to assess the pump's geometry before production starts on an industrial scale. Apart from reducing time-to-market (it is no coincidence that our range is the largest currently available), we are therefore able to guarantee that our pumps offer performance levels extremely close that, and in some cases superior to the genuine water pumps, and will not suffer cavitation provided the system is properly bled when the pump is installed.

4) Fluido refrigerante / Coolant

I fluidi refrigeranti sono in generale costituiti da glicole etilenico più acqua in percentuali variabili. La miscela con glicole nella percentuale di circa il 50% ha il punto di congelamento a circa -35°C e quello di ebollizione a circa 110°C . I fluidi raccomandati dalle case costruttrici non sono "solo" un antigelo. Essi sono diversi in primo luogo per le diverse necessità di compatibilità chimico fisica con i diversi materiali del circuito di raffreddamento, che includono diversissimi metalli, polimeri, gomme, ceramiche. Mentre un fluido appropriato protegge efficacemente il circuito, uno errato può addirittura favorire un rapido processo di degrado. Non tutti i fluidi refrigeranti reperibili in commercio sono adatti alla grande varietà dei materiali di un circuito di raffreddamento, in particolare quelli non "di marca". L'utilizzo poi di acqua "pura", come pure dei cosiddetti "lavamotore" o peggio dei "turafalle" indiscutibilmente può portare allo stato di corrosione completa alcune parti metalliche della pompa. Nei motori vecchi possono essere presenti depositi calcarei e/o ruggine. Il fluido refrigerante è in grado di sciogliere o rimuovere parte di essi, ma le particelle in soluzione o in sospensione saranno così in grado di rovinare le superfici di tenuta del premistoppa, che perderà. Ecco perché si raccomanda di ripulire con cura il circuito di raffreddamento, sostituendo il vecchio fluido ed eventuali altri componenti del circuito eventualmente arrugginiti o danneggiati.

Coolants generally consist of ethylene glycol plus water in varying percentages. A mixture containing about 50% glycol has a freezing point of around -35°C and a boiling point of about 110°C . The coolants recommended by automotive manufacturers are not "just" antifreezes. They vary first and foremost due to the different requirements in terms of chemical and physical compatibility with the various materials which make up the cooling system, which include a very wide range of metals, polymers, rubbers and



ceramic materials. While an appropriate coolant effectively protects the system, a wrong one may actually trigger a rapid deterioration process. Not all coolants on the market are suitable for the vast variety of materials in a cooling system, especially those which are not "brand name" products. It is also undeniable that the use of "pure" water, or the so-called engine-cleaners or, even worse, products that claim to unclog valves, may cause the complete corrosion of some metal parts of the pump. Old engines may contain limescale and/or rust deposits. The coolant is able to dissolve or remove some of these, but the particles in solution or suspension may then potentially damage the sealing surfaces of the mechanical seal, which will start to leak. This is why mechanics are advised to wash out the cooling system carefully, changing the old fluid and replacing any other rusty or damaged system components.

5)

Affidabilità dei componenti / Reliability of Components

Và riconosciuto innanzi tutto che la pompa dell'acqua è un organo inevitabilmente soggetto ad una normale usura, almeno per quanto riguarda la tenuta meccanica, mentre la durata di altri componenti come cuscinetti o giranti può essere compromessa da una cattiva progettazione o da cause esterne che analizzeremo.

La nostra tradizione progettuale, per i ricambi delle pompe acqua, ha sempre privilegiato l'affidabilità e la durata dei componenti, arrivando in vari casi a migliorare quella del componente originale.

It must be acknowledged that the water pump is a unit inevitably subject to wear and tear, at least with regard to its mechanical seal, while the lifetime of other components such as bearings or impellers may be reduced by poor design or by external factors which we shall be discussing later.

We have always given top priority to the reliability and durability of components when developing new water pumps; in some cases giving better performance in these areas than the original component.

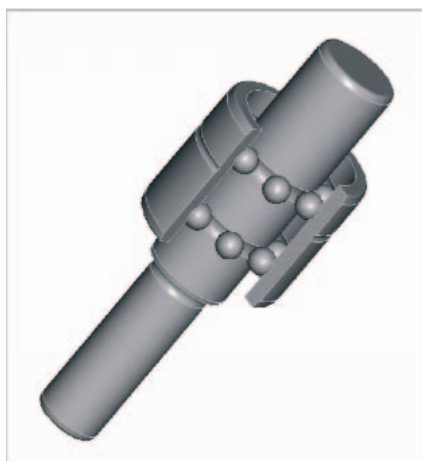
5.1)

Cuscinetti / Bearings

Gran parte delle pompe acqua per automobili utilizza oggi cuscinetti del tipo "integrale", perché questo unico componente è in realtà l'insieme dell'albero della pompa più due cuscinetti.

Questo tipo di cuscinetto offre il vantaggio di poter essere assemblato in modo più veloce e sicuro, limitando il numero di componenti della pompa. Semplificando, essi sono essenzialmente di due tipi, sfera/sfera oppure rullo/sfera, a seconda del tipo degli elementi volventi all'altezza della corona più vicina alla puleggia, dove agisce il tiro della cinghia.

La capacità di sopportare carico di un cuscinetto con la prima corona a rulli è superiore a quella di uno



sfera/sfera: pertanto la scelta della tipologia di cuscinetto appropriata al tiro cinghia è fondamentale nella progettazione della pompa.

Sono molti i casi in cui le nostre pompe sono state progettate migliorando in questo senso un eventuale problema di progettazione del componente originale, ed irrobustendo la pompa nel suo insieme.

L'accuratezza delle tolleranze di lavorazione della sede del cuscinetto nel corpo pompa garantisce poi che il gioco radiale, necessario al corretto rotolamento di sfere e rulli, si mantenga appropriato.

Tutti i cuscinetti montati sulle nostre pompe hanno superato un rigoroso test di durata, durante il quale sono stati sottoposti artificialmente a condizioni di esercizio particolarmente gravose; la prova è strutturata per portare al termine artificialmente la vita teorica calcolata del cuscinetto: la verifica dell'integrità dello stesso al termine di questa prova determina la sua idoneità all'utilizzo.

Tuttavia non sono rari i casi in cui il cuscinetto è condotto a rottura più precocemente del calcolato. Il caso più frequente è una tensione eccessiva della cinghia, che può alterare anche di molto i valori di progetto delle sollecitazioni radiali, conducendo il cuscinetto a rottura molto prima del termine della vita teorica; la regolazione della tensione della cinghia ed in particolare il posizionamento dei galoppini tendicinghia, devono essere condotti in modo accurato seguendo scrupolosamente le indicazioni dei costruttori dell'automobile.

In alcuni casi, specialmente quando l'albero della pompa muove altri organi (giunti viscostatici, ventilatori), il mancato bilanciamento di questi ultimi porta ad usura precoce dei cuscinetti.

Ci sono anche casi di uso inappropriato della pompa, quando si calettano sull'albero ulteriori pulegge per muovere organi ausiliari per i quali la pompa non è stata progettata.

Nowadays, the majority of automotive engine water pumps use “integrated” bearings, so-called because the pump shaft plus two bearings form a single unit.

This type of bearing offers the advantage of faster, more reliable installation and a reduction in the number of pump components.

In the simplest terms, bearings are basically of two types, ball/ball or roller/ball, depending on the type of rolling element used in the ring bearing closest to the pulley on which the traction force of the belt acts.

A bearing with rollers in the first ring has an higher load capacity than that of a ball/ball bearing: therefore, it is fundamental to choose the type of bearing appropriate to the traction force applied by the belt when designing the pump. In many cases, the design of our pumps offers an improvement over the design of original components, and generally speaking such pumps prove stronger .

Another factor is precision machining of the pump housing bearing seat to ensure that the radial clearance needed to allow the balls and rollers to roll correctly is kept within appropriate limits.

All bearings assembled on our pumps have passed stringent endurance tests, during which they have been

artificially subjected to particularly heavy-duty operating conditions.

Tests are designed to artificially complete the bearing’s entire theoretical lifetime, and if the pumps come through undamaged, they are considered suitable for use.

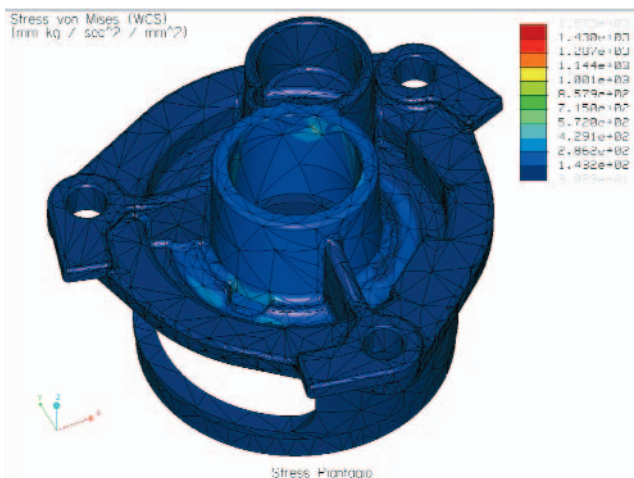
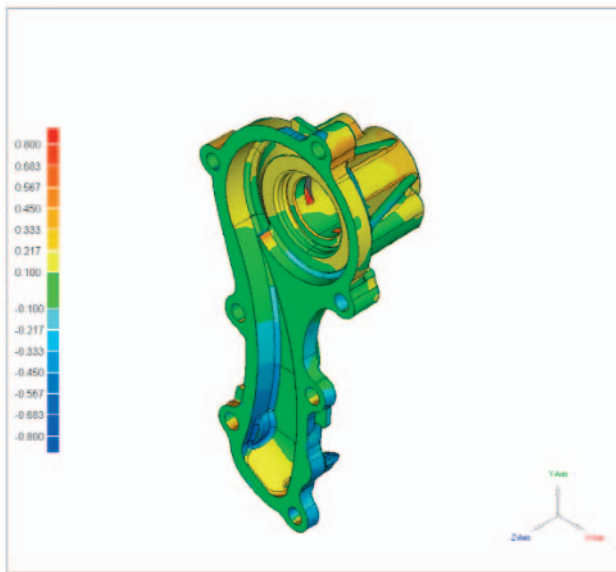
However, there are some rare cases in which the bearing fails before the calculated time.

This is most often due to excessive belt tension, which may cause even large variations in the radial stresses calculated when designing the bearing, and cause it to fail well before the end of its theoretical lifetime.

The belt tension and especially the positioning of the take-up pulleys must be adjusted in strict accordance with the recommendations of the vehicle manufacturer.

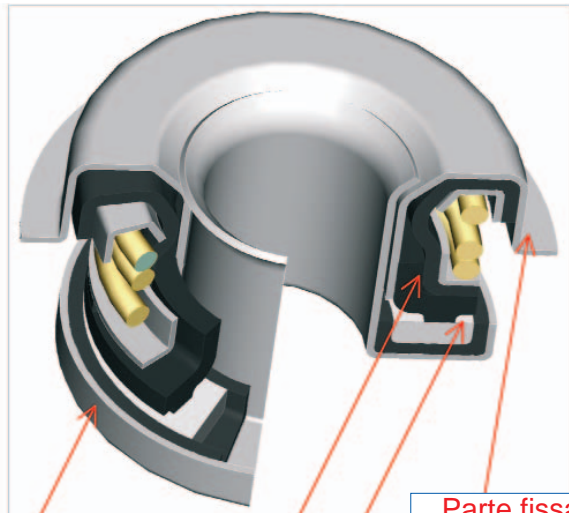
In some cases, especially when the pump shaft also drives other units (viscous joints or fan-clutch), unbalance in these units causes premature bearing wear.

Inappropriate pump use may also occur when additional pulleys are connected to the shaft to drive auxiliary devices for which the pump is not designed.



5.2) Tenuta meccanica / Mechanical Seal

È il componente che garantisce la tenuta idraulica della pompa: è costituito da una parte fissata al corpo ed una piantata sull'albero del cuscinetto; gli anelli di scivolo in rotazione relativa impediscono al fluido di trafilarvi. La sua affidabilità e durata sono pertanto legate principalmente alla scelta dei materiali dei due anelli di scivolo. Un cattivo stato del fluido refrigerante compromette gravemente il componente: i materiali più duri introdotti recentemente riducono di molto il problema, anche se non è ipotizzabile al momento di risolverlo completamente, data la varietà e la pessima qualità di alcuni fluidi non originali in commercio, e dato che ancora oggi molti meccanici purtroppo non sostituiscono il fluido refrigerante secondo le modalità



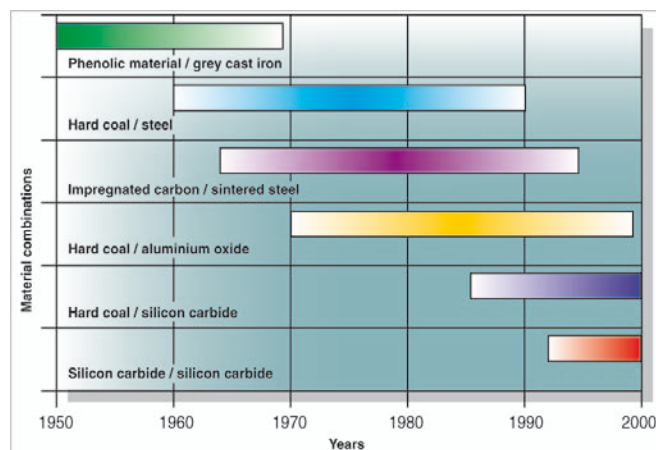
Parte mobile
/ Moving part

Parte fissa /
Fixed part

Anelli di scivolo / Slip rings

raccomandate. La ricerca sui materiali delle tenute è in continua evoluzione. Il nostro personale è costantemente impegnato a testare le nuove tendenze sulle nostre apparecchiature di prova, per qualificare di volta in volta la miglior tenuta da montare sulle pompe. Tutte le tenute meccaniche montate sulle nostre pompe hanno superato il test di funzionamento ininterrotto per 500 ore (che corrispondono ad una percorrenza di oltre 40.000 km in normale utilizzo), con la ripetizione di cicli di 9 ore fra i -25°C e i $+130^{\circ}\text{C}$ di temperatura del fluido refrigerante, a vari e significativi numeri di giri. Riguardo agli altri materiali costituenti le nostre tenute, gli elementi in gomma sono capaci di resistere alle alte temperature (HNBR), cioè costantemente sopra i 110°C , e gli elementi metallici sono in acciaio inossidabile (il che non sarebbe necessario, se si utilizzassero sempre i fluidi refrigeranti raccomandati!). Il funzionamento della tenuta meccanica avviene per equilibrio del fluido evaporante ad un regime di temperatura, determinato dalla frizione delle due superfici di scivolo. Fuori da questo equilibrio si hanno quindi piccole inevitabili perdite, raccolte in genere in un apposito

pozzetto di evaporazione, che ha lo scopo di non allarmare inutilmente l'automobilista. Un cattivo fluido refrigerante danneggia la tenuta: solitamente, se esso non viene sostituito, sostanze calcaree o sporchie rigano le superfici di scivolo compromettendo la tenuta; in casi estremi, purtroppo, si evidenzia persino un attacco chimico a varie superfici della tenuta (e degli altri componenti della pompa). Si evidenzia spesso un'altra difettosità: il danneggiamento delle superfici di scivolo



per eccesso di temperatura; varie parti della tenuta assumono in questo caso la tipica colorazione bluastra. Questa condizione si genera normalmente con la rotazione a secco della pompa. A sua volta questo accade se non viene spurgato correttamente il circuito, lasciando che bolle d'aria ristagnino anche in prossimità della pompa, che non riesce così ad innescarsi. In tutti i casi citati si genera una perdita prematura dalla tenuta, che si evidenzia con la traccia del fluido di raffreddamento sul corpo. Un fenomeno che si è manifestato in modo insistente di recente è la "rumorosità" della tenuta meccanica specialmente ai bassi regimi. Questo fastidioso inconveniente, legato all'introduzione dei materiali più duri come il cosiddetto hard-carbon (materiali che peraltro hanno fortemente ridotto l'incidenza delle perdite), si

manifesta solo in particolari condizioni di funzionamento della pompa. L'insorgenza del fenomeno, detto "stick-slip", avvertibile come una sorta di fischio o cigolio, avviene per intermittenza di incollaggio e distacco delle superfici di tenuta, specialmente in condizioni di rotazione quasi a secco a basso numero di giri. Pertanto anche questo fenomeno è legato ad insoddisfacenti condizioni di spurgo del circuito, peggio se la conformazione originale della girante ostacola l'evacuazione dell'aria intorno alla tenuta. In alcuni casi la pompa non è posizionata sul motore nel punto più idoneo (quello più basso del circuito): questo ostacola l'innescio della pompa aumentando così la probabilità di rotazione a secco.

In ogni caso i produttori delle tenute hanno da tempo orientato la ricerca sui materiali verso la risoluzione del problema della rumorosità.



This is the component which ensures that the pump is watertight: it consists of one part fixed to the pump housing and one part fixed to the bearing shaft. The relative rotating slip rings prevent the coolant from escaping. Its reliability and durability therefore depend mainly on the materials used for the two slip rings. Poor coolant condition puts this component at serious risk: the harder materials introduced recently greatly reduce this problem, although at present no definitive solution is in sight because of the variety of coolants on the market and the very poor quality of some non-original products; also because even today, many mechanics do not change the coolant as recommended. Research into materials for use in seals is constantly evolving.



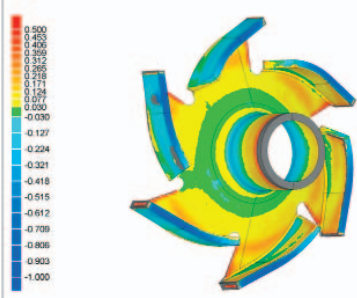
Our staff are continuously at work testing the latest trends on our test equipment, in order to choose the best seal for use on pumps on each occasion. All the mechanical seals installed on our pumps have passed a test involving non-stop operation for 500 hours (equivalent to the vehicle travelling more than 40,000 km in normal use) with repetition of 9 hour cycles at coolant temperatures between -25°C and $+130^{\circ}\text{C}$, at various significant rpm. The other materials used in our seals include rubber elements capable of withstanding high temperatures (HNBR), i.e. constantly above 110°C , while the metal parts are in stainless steel (which would not be necessary if the recommended coolants were always used!). The mechanical seal functions by evaporating coolant equilibrium at a temperature level generated by the friction on the two slip surfaces. If this equilibrium fails, there will inevitably be small leaks. Coolant leaks are generally collected in a special leakage drain pot, fitted so that the driver is not unnecessarily alarmed. Poor quality coolant damages the seal: normally, if it is not changed, lime-scale or dirt score the slip surfaces, damaging the seal. In the worst cases, unfortunately, various surfaces of the seal (and other pump components) actually suffer chemical damage. Another kind of fault also often occurs: the slip surfaces are damaged by excess temperature, in which case various parts of the seal turn a characteristic bluish colour.

This generally occurs if the pump is run dry. This in turn occurs if the system is not bled correctly, so that air bubbles form close to the pump, preventing it from priming. In all these cases the seal starts to leak prematurely, with traces of coolant appearing on the body of the pump housing. Another problem which has recently become common is excessive noise from the mechanical seal, especially at low rpm. This troublesome problem, which is related to the introduction of harder materials, such as hard carbon (which however has greatly reduced the frequency of leaks) only occurs in specific pump operating conditions. Known as "stick-slip". This phenomenon is noticeable as a kind of whistle or squeak, and occurs as the sealing surfaces first stick together then slip apart, especially when the pump is running almost dry at low rpm. This problem is therefore also linked to poor system bleeding, especially if the impeller's shape makes it difficult to remove air from around the seal. In some cases, the original position of the pump in the engine is adequate (the lowest point in the system); this causes pump priming problems, increasing the risk of dry running. However, for some time now, seal manufacturers have been directing their research into materials able to overcome the noise problem.

5.3) Giranti / Impellers

Le giranti in generale hanno le conformazioni più disparate, ma per i numeri di giri caratteristici delle nostre applicazioni esse sono generalmente del tipo "a vani chiusi" (simili a quelli delle illustrazioni nelle prime pagine) oppure del tipo "aperto" (simili a quella raffigurata nella figura sotto); il numero di pale ottimo (generalmente compreso tra un minimo di 4-5 ed un massimo di 10-12), nonché la conformazione della girante, dipendono dal cosiddetto numero di giri caratteristico, un parametro adimensionale che identifica la miglior geometria di massima; il diametro della girante e l'angolo di uscita delle pale sono poi i parametri che determinano più direttamente le caratteristiche idrauliche della girante.

L'utilizzo per le giranti di materiali quali ottone, ghisa, lamiera, lungi dall'essere superato, è viceversa una consapevole scelta volta a dare componenti di durata pressoché eterna nelle normali condizioni di utilizzo. Quando la geometria della girante originale costringe però all'impiego della plastica, si ricorre esclusivamente a tecnopolimeri di primissima qualità, con le caratteristiche meccaniche e chimico-fisiche appropriate a questo delicato utilizzo. L'esperienza di trent'anni, le modernissime macchine di assemblaggio, le lavorazioni sulle giranti consentono comunque un montaggio accuratissimo sul basamento (un buon rasamento migliora le prestazioni ed il rendimento della pompa fino ad un +5%) ed un perfetto



bilanciamento della rotazione. Un problema insospettabilmente diffuso è la presenza di un corpo estraneo che può arrivare a tranciare tutte le pale della girante. Per evitare il problema bisogna drenare il circuito di raffreddamento e sostituire completamente il fluido refrigerante, ispezionando bene l'alloggiamento della pompa. Nelle giranti in plastica originali si può avere in rari casi il



completo distacco del polimero dalla boccola di piantaggio sull'albero. L'accurata progettazione della girante in plastica e il severo controllo dei parametri di fusione limita il problema.

Generally speaking, impellers come in a broad range of shapes and sizes, but for the rpm typical of our applications they are normally of the "closed" type (similar to those in the illustrations on the first few pages), or of the "open" type (similar to the one shown below). The ideal number of blades (generally between a minimum of 4-5 and a maximum of 10-12) and the impeller's shape depend on the rated rpm, a non-dimensional parameter which allows the best general shape to be selected. The impeller's diameter and blade angle are the parameters most directly responsible for the impeller's hydraulic characteristics. Materials such as brass, cast iron and steel plate are still widely used for impellers; far from being out of date, they are ideal components with a virtually endless lifetime in normal working conditions. However, when the shape of the original impeller means that plastic has to be used, only technopolymers of the very highest quality, with mechanical, chemical and physical characteristics suitable for this delicate application, may be utilised.

Thirty years' experience, state-of-the-art assembly machinery and our impeller machining techniques ensure very high-precision assembling on the base (accurate levelling improves the pump's performance and efficiency by up to +5%) and perfectly balanced rotation. One problem which occurs surprisingly often is the presence of a foreign body which may even cut off all the impeller's blades. To prevent this from happening, the cooling system must be drained and all the coolant changed, and the pump seat must be inspected thoroughly. When the original impeller is made of plastic, in some cases the polymer may become completely detached from the bushing on which it is mounted on the shaft. Proper design of the plastic impeller and strict control of moulding parameters reduce this problem.

5.4) Puleggia / Pulley

Per la puleggia, pur essendo un componente molto sollecitato meccanicamente, una buona progettazione, la cura nella realizzazione (per esempio le lavorazioni che ne assicurano il bilanciamento) e la giusta scelta dei materiali, fanno in modo che non si evidenzino normalmente problemi. Le pulegge dentate, spesso realizzate in acciaio sinterizzato, normalmente sono un componente importante, dato che fanno parte del giro della distribuzione. Tuttavia un errore di montaggio (tensione eccessiva) danneggerà più facilmente il cuscinetto della puleggia. Il disallineamento della cinghia danneggia invece eventuali anelli di spallamento saldati: essa non deve mai lavorarvi contro, pena il loro distacco. L'allineamento ed il posizionamento della cinghia in quei casi deve essere fatto partendo dalla puleggia dell'albero motore e da quella della distribuzione. Nei casi in cui la puleggia della pompa fa da guida alla cinghia, l'anello di spallamento è realizzato "di pezzo" nella puleggia anziché saldato.

Although the pulley is a component subjected to intense mechanical stresses, good design, careful production (e.g. care



over the machining procedures which balance it) and the right choice of materials will ensure that normally no problems occur. Toothed pulleys, often in sintered steel, are normally a major component, since they form part of the engine's timing system. However, incorrect installation (excessive tension) will increase the probability of pulley damage. A misaligned belt, on the other hand, damages any welded shim rings: the belt must never rub against them, as they may become detached. In these cases, the belt must be aligned and positioned in relation to the drive shaft and timing pulleys. If the pump pulley acts as a belt guide, instead of a welded shim ring there is a shoulder integrated in the pulley casting itself.

6) Istruzioni di montaggio della pompa

- 1) Montare in ogni caso la pompa attenendosi alle prescrizioni del costruttore.
- 2) Vuotare completamente il circuito di raffreddamento, pulire e risciacquare prima di sostituire il fluido refrigerante con quello nuovo. Attenzione! La presenza di particelle di sporcizia danneggia la tenuta meccanica, causandone la precoce usura per abrasione.
- 3) Dopo aver smontato la vecchia pompa, rimuovere completamente i residui della guarnizione e di sigillante dalla superficie del blocco motore, avendo cura di non danneggiare la stessa.
- 4) Solo nei casi in cui la pompa è priva di guarnizione, stendere un buon sigillante fra la pompa ed il blocco motore.
- 5) Avvitare le viti di fissaggio senza serrarle. Verificare che la pompa sia centrata e che ruoti libera. Serrare le viti uniformemente ed in modo incrociato.
- 6) Attendere che il sigillante faccia presa.
- 7) Sostituire tutte le fascette di fissaggio che possano influenzare la tenuta ermetica del circuito.
- 8) Riempire completamente il circuito con il nuovo fluido refrigerante fino al massimo livello della vaschetta di riempimento. Attenzione! Si garantisce la compatibilità chimico-fisica dei componenti utilizzati nella pompa solamente con i fluidi di raffreddamento raccomandati dalle case costruttrici.
- 9) Posizionare la cinghia di trascinamento e tenderla secondo le prescrizioni del manuale del costruttore. Attenzione! Un tensionamento della cinghia superiore a quello di progetto riduce la durata del cuscinetto conducendo la pompa a rottura precoce.
- 10) Lasciare aperto il circuito di raffreddamento nel punto più alto, in modo da consentire la fuoriuscita dell'aria. Far funzionare l'impianto di riscaldamento posizionandone opportunamente la manopola di comando. Avviare il motore per la prova di funzionamento, seguendo le istruzioni delle case costruttrici. E' possibile che si verifichi, in questa fase, una piccola perdita di assestamento dal foro di drenaggio: essa è normale e cesserà in breve tempo. Attenzione! La presenza di aria nel circuito, così come il funzionamento a secco, compromettono precocemente la tenuta meccanica: sfiatare bene il circuito ed evitare assolutamente il funzionamento della pompa senza fluido refrigerante.
- 11) Dopo aver ben sfiatato il circuito, spegnere il motore ed attenderne il raffreddamento. Rabboccare quindi il circuito e chiuderlo.
- 12) Controllare che la pompa scelta sia intercambiabile con quella sostituita.
- 13) Attenersi all'utilizzo della pompa per il servizio previsto sul motore originale, evitandone utilizzi impropri.
- 14) Contestualmente alla sostituzione della pompa e del liquido refrigerante, per garantire il corretto funzionamento della pompa stessa è necessario verificare il corretto funzionamento dei componenti sottomenzionati; nel caso si verificassero problemi di corretto funzionamento di alcuni degli stessi, è necessaria la sostituzione di:
 - rulli tenditori o avvolgitori
 - cinghia di trascinamento
 - altri organi in rotazione sull'asse della pompa come ventilatori, giunti viscostatici, etc.
 (infatti la loro usura genera un cattivo bilanciamento che danneggia precocemente il cuscinetto della pompa).
 - termostato/termocontatto.

6) Pump Assembly Instructions

- 1) When fitting the pump, always comply with the instructions provided by the vehicle manufacturer .
- 2) Completely drain the cooling system, flush and rinse before replacing the old coolant with the new. Warning! Dirt particles damage the mechanical seal, causing it to wear prematurely due to abrasion.
- 3) After removing the old pump, completely remove any gasket and sealant residues from the surface of the engine block, taking care not to damage it.
- 4) Only if the pump is without a gasket , apply a good sealant between the pump and the engine block.
- 5) Screw in the retention screws without fully tightening them. Check that the pump is properly centred and turns freely. Tighten the screws evenly, proceeding by opposites.
- 6) Wait for the sealant to set.
- 7) Replace all the retention band clamps which may affect the tightness of the system.
- 8) Completely fill the system with the new coolant, up to the top level in the filler tank. Warning! The pump's components are only guaranteed to be physically and chemically compatible with the coolants recommended by the vehicle manufacturer.
- 9) Fit the drive belt and tighten it following the instructions in the manufacturer's manual. Warning! Over-tightening the belt reduces bearing life and causes premature pump failure.
- 10) Leave the cooling system open in its highest point to allow the air to bleed out. Operate the heating system by moving the control knob as appropriate. Start the engine for the operating test, following the manufacturer's instructions. At this point some coolant may leak from the drainage hole as the fluid settles in the system: this is normal and will soon stop. Warning! Air in the system, and dry running of the pump cause premature failure of the mechanical seal: bleed the system properly and never run the pump without coolant.
- 11) After bleeding the system thoroughly, switch off the engine and wait for it to cool. Then top up and close the system.
- 12) Check that the pump chosen is interchangeable with the one being replaced.
- 13) The pump must only be used for the originally intended purpose . No improper use is permitted.
- 14) When the pump and coolant are changed, to ensure that the pump operates correctly, the operating condition of the components listed below must also be checked. If any of the following items are malfunctioning, they must be replaced:
 - stretcher or winder rollers
 - drive belt
 - other rotating organs on the pump shaft, such as fans, viscostatic joints, etc. (when worn they cause balance defects, leading to premature pump bearing damage).
 - thermostat/thermal contact.

7)

Casi frequenti di danneggiamento della pompa / *Common Pump Damage Scenarios*

Come spiegato, la pompa dell'acqua è un organo soggetto ad usura, ed anche per questo sono molti i casi in cui ad essa, condotta a cedimento, viene imputata la rottura di altri organi del motore con danni anche ingenti.

Quasi sempre, invece, si scambia la causa con l'effetto: sono molte le cause esterne che portano a rottura la pompa, ed esse vanno tenute presente per operare il corretto montaggio della pompa stessa e la corretta messa a punto del sistema nel quale essa dovrà operare; oltre quindi a leggere attentamente le istruzioni di montaggio, può essere utile la descrizione di alcuni casi tipici di danneggiamento della pompa per cause esterne.

As already explained, the water pump is a unit subject to wear and tear, and this is one reason why, when it does fail, it may be blamed for the failure of other parts of the engine, sometimes requiring very expensive repairs. However, almost always in these cases people are confusing the cause with the effect.

There are many external factors which may cause the pump to fail, and they must be considered, in order to ensure that the pump itself is installed correctly and that the system in which it has to operate is set up properly. Naturally, the installation instructions must be read carefully, but it may also be useful to describe some typical circumstances in which external factors cause pump failure.

7.1)

Tensione eccessiva o usura della cinghia / *Excessive belt tension or belt wear*

La cinghia si è rotta e si evidenziano vistose tracce di gomma sulla puleggia. Le cause sono: tensione eccessiva oppure non sostituzione della cinghia usurata, che è sempre buona norma sostituire insieme alla pompa.



The belt has snapped and there are obvious rubber marks on the pulley. The causes are: excessive belt tension or failure to replace a worn belt, which should always be changed together with the pump.



7.2)

Cattivo allineamento della cinghia / *Poor belt alignment*



Il distacco dell'anello di spallamento della puleggia è una conseguenza, non una causa del disallineamento della cinghia della distribuzione. Infatti il lato che tiene in guida la cinghia ha lo spallamento integrale con la puleggia.

E' necessario verificare il corretto allineamento di tutti gli organi in rotazione sulla cinghia della distribuzione. Inoltre, a causa delle differenti usure è necessario sostituire insieme alla pompa tutti i rulli tenditori ed avvolgitori, altrimenti l'organo più usurato cederà precocemente a causa della tensione della cinghia nuova, e quello disallineato la farà cadere.

Detachment of the pulley shim ring is a result, and not a cause, of timing belt misalignment. On the side which keeps the belt properly aligned, there is a shoulder integrated in the pulley. Check that all rotating parts on the timing belt are correctly aligned. Because of the different degrees of wear, all the tensioner and winder rollers must be replaced together with the pump. Otherwise, the most worn part may fail prematurely because of the tension of the new belt, and a misaligned part will cause the belt to slip out of place.

7.3)

Sbilanciamento di altri organi rotanti calettati sull'albero / *Unbalance of other rotating parts keyed to the shaft*



La figura mostra la rottura del cuscinetto per sbilanciamento dei gruppi ventilatori montati sulle pompe.

The illustration shows bearing failure due to unbalance of the fan units installed on the pumps.



Caso di giunto viscostatico rotto che ha causato la rottura del cuscinetto.

A fan-clutch failure which has caused bearing failure.

E' necessario sempre controllare, bilanciare od eventualmente sostituire i componenti come giunti viscostatici e ventilatori calettati sull'albero, pena la rottura precoce della pompa.

Components such as viscostatic joints and fans connected to the shaft must always be checked, balanced or if necessary replaced; otherwise, premature pump failure may result.

7.4)

Perdita fisiologica di liquido dalla tenuta meccanica / *Physiological leak of coolant from the mechanical seal*



Una perdita di assestamento dalla tenuta meccanica, che normalmente termina dopo 1-3 ore di funzionamento, è normale ed inevitabile.

Per non rendere visibile la perdita all'utente, le pompe più recenti hanno un apposito serbatoio di accumulo che permette alla perdita di evaporare senza diventare "visibile".

Some leakage from the mechanical seal during the initial system stabilisation period, which normally ends within 1-3 hours of operation, is normal and inevitable. So that the user will not notice this leak, the latest pumps have a leakage drain pot in which the leaked coolant can evaporate without becoming visible.

7.5)

Perdita cospicua di liquido dalla tenuta meccanica / *Significant leak of coolant from the mechanical seal*

Una perdita abbondante e continua dal foro di scarico è invece da indagare. La causa più frequente è l'utilizzo di un liquido refrigerante non idoneo o contaminato da impurità che rigano i piani di scivolo della tenuta.

La contaminazione nei motori più vecchi è dovuta anche alla cattiva tenuta della guarnizione della testa, con trafileamento dei gas di combustione nel circuito di raffreddamento: questo fa variare sia lo stato chimico che la pressione del fluido refrigerante; se ci sono problemi al vaso di espansione in alcuni casi la molla della tenuta meccanica della pompa può arrivare a cedere a causa della pressione superiore a quella di progetto.

Continuous leakage of a large amount of coolant from the draining hole, on the other hand, must be investigated. The most common cause is the use of unsuitable coolant, or coolant contaminated with dirt that scores the seal's slip surfaces.

The contamination in older engines is due also to lack of tightness in the cylinder head gasket, with leakage of combustion gases into the cooling system: this modifies both the chemical state and the pressure of the coolant. If there are problems in the expansion tank, in some cases the spring of the pump's mechanical seal may fail due to the pressure in excess of the rated level.

7.6)

Tranciatura delle palette della girante / *Shearing of impeller blades*

Un corpo estraneo nel circuito ha tranciato le pale. A volte si tratta proprio dei residui della rottura della pompa precedentemente installata. E' necessario accertarsi di aver spurgato e ripulito bene il circuito prima di sostituire il fluido refrigerante.

A foreign body in the system has cut off the blades. Sometimes, foreign bodies are the residues left from the breakage of the pump installed previously. It is essential to ensure that the system has been properly flushed and cleaned out before the new coolant is added.






7.7)

Utilizzo di liquidi di raffreddamento non idonei / *Use of unsuitable coolants*

In questi casi la corrosione di tutte le parti delle pompe indica l'utilizzo di acqua e sali all'interno del circuito. E' evidente il non utilizzo di liquidi conformi alle specifiche del costruttore.

In these circumstances, the corrosion of all pump parts indicates that water and salt are in use inside the system. Obviously, the coolant used is not compliant with the specifications provided by the vehicle manufacturer.



					
	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
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 mec.	Mech.Drehzahlm.	Cuenta revoluc. mec.
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 boîte vit. N.	Bis Getriebe Nr.	Hasta cambio N.
G.Box-	Dal cambio N.	From gear box No.	Depuis boîte 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 direccion
Pulley	Puleggia	Pulley	Poulie	Riemenscheibe	Polea
RB	Cuscinetto rinforz.	Reinforced bearing	Roulement renforcé	Verstaerkt.Lager	Rodamiento reforzado
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 produccion N.
Vett.-	Da produz. N.	From production No.	Depuis production N.	Ab Produktion Nr.	Desde produccion 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
GRAF ref.	GRAF ref.	GRAF part n°	Réf. GRAF	GRAF NR	Ref. GRAF
	Ricambio	Repair kit	Nécessaire	Teilpumpe	Recambio
	Cinghia distribuzione	Timing belt system	Courroie de distribution	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

LISTA NUOVI RIFERIMENTI - NEW REFERENCES LIST

GRAF ref.	MARCA / MAKE	GRAF ref.	MARCA / MAKE
PA944	Toyota	PA987	Land Rover
PA945	Toyota	PA988	Skoda
PA946	Fiat / Suzuki	PA990	Ford Europe
PA948	Honda	PA991	Alfa Romeo / Opel / Vauxhall / Saab
PA949	Honda	PA992	Mercedes Benz
PA950	Hyundai / Kia	PA993	Mercedes Benz
PA952	Toyota	PA994	Mini / Peugeot
PA953	Toyota	PA995	Nissan Lcv
PA954	Audi / Skoda / Volkswagen	PA996	Citroën Lcv / Fiat Lcv / Peugeot Lcv
PA955	Mercedes Benz	PA997	Mitsubishi, Lcv
PA956	Ford Europe	PA998	Fiat
PA957	Alfa Romeo / Fiat / Opel / Vauxhall / Saab	PA999	Mitsubishi
PA958	Opel, Lcv / Vauxhall, Lcv	PA1000	Mitsubishi
PA959	Alfa Romeo / Fiat / Opel / Vauxhall	PA1001	Lexus / Toyota
PA960	Citroën / Peugeot / Renault	PA1002	Hyundai / Kia
PA961	Toyota	PA1003	Mitsubishi
PA962	Mazda	PA1004	Daihatsu
PA963	Toyota	PA1005	Toyota
PA964	Bmw	PA1006	Mercedes Benz, Lcv
PA965	Bmw / Rover	PA1007	Kia
PA966	Skoda	PA1008	Subaru
PA967	Iveco	PA1009	Mitsubishi
PA968	Iveco	PA1010	Volkswagen Lcv
PA969	Iveco	PA1011	Volkswagen Lcv
PA970	Honda	PA1012	Mitsubishi
PA971	Honda	PA1013	Honda
PA972	Hyundai / Kia	PA1014	Suzuki
PA973	Mazda	PA1015	Kia / Mazda
PA974	Ford Europe	PA1016	Mitsubishi
PA975	Suzuki	PA1017	Suzuki
PA976	Ford Europe, Lcv	PA1018	Honda
PA977	Dacia / Renault	PA1020	Citroën / Daihatsu / Peugeot / Toyota
PA978	Mercedes Benz / Mitsubishi / Smart (Mcc)	PA1021	Hyundai / Kia
PA979	Audi / Volkswagen Lcv	PA1022	Hyundai
PA980	Audi / Seat / Skoda / Volkswagen	PA1023	Hyundai / Kia
PA981	Renault	PA1024	Hyundai / Kia
PA982	Volkswagen, Lcv	PA1025	Mitsubishi
PA983	Renault	PA1026	Citroën Lcv / Fiat Lcv / Peugeot Lcv
PA984	Fiat		
PA985	Mini		
PA986	Mitsubishi / Smart (Mcc)		

MAKE - MODEL	PAGE	MAKE - MODEL	PAGE	MAKE - MODEL	PAGE
ALFA ROMEO		BEDFORD		CITROËN	
145, 146 (930) '07/94-'01/01.....	2	Astra Van '01/82-'01/92.....	48	Ax (ZA) '07/86-'12/98.....	78
147 (937) '01/01-.....	2	AstraMax Van '01/85-'01/90.....	48	Berlingo (MF) '07/96-.....	80
155 (167) '01/92-'01/98.....	2	Blitz (CF97) '08/69-'10/87.....	48	Bx (XB) '10/82-'12/94.....	80
156 (932), Sportwagon '09/97-.....	2	CF Van.....	48	C1 '06/05-.....	82
159, SW '09/05-.....	4			C2 '09/03-.....	82
164 '06/87-'09/98.....	4	BMW		C3 '02/02-.....	82
166 (936) '09/98-.....	4	02 (E10) '09/67-'07/77.....	48	C3 Pluriel '05/03-.....	84
33 I (905,A), Sportwagon '05/83-'12/93.....	6	1 (E87) '09/04-.....	48	C4 Picasso '11/06-.....	84
33 II (907A,B), Sportwagon '01/90-'09/94.....	6	1500-1504-1600-1800-2000.....	48	C4, Coupe '11/04-.....	84
6 (119) '04/79-'12/88.....	8	1500-2000 '10/62-'07/72.....	48	C5 I, Break '03/01-'09/04.....	84
75 (162B) '01/85-'09/92.....	8	2000 3.2 Coupe (E9) '10/65-'03/76.....	50	C5 II, Break '09/04-.....	84
90 (162) '10/84-'07/87.....	8	2500 3.3 (E3) '10/68-'04/77.....	50	C8 '07/02-.....	84
Alfasud (901) '06/72-'12/84.....	10	3 I (E21) '06/75-'03/84.....	50	CX I, Break '09/74-'08/85.....	84
Alfasud Sprint (902.A) '09/76-'12/89.....	10	3 II (E30) '09/82-'10/93.....	50	CX II, Break '07/85-'12/92.....	86
Alfetta (116) '01/74-'01/86.....	10	3 II Touring (E30) '07/87-'06/94.....	54	DS '05/59-'08/75.....	86
Arna (920) '03/83-'12/86.....	12	3 III (E36) '09/90-'02/98.....	54	DS Cabrio '08/56-'12/65.....	86
Brera '01/06-.....	12	3 III Cabrio, Coupe (E36) '03/92-'04/99.....	56	Evasion (22,U6) '06/94-'07/02.....	86
GT (105-115) '03/63-'12/77.....	12	3 III Compact (E36) '03/94-'08/00.....	56	ID '08/56-'08/75.....	86
GT (937) '11/03-.....	12	3 III Touring (E36) '01/95-'10/99.....	56	LNA '11/76-'10/86.....	86
GTV (116) '01/78-'02/87.....	12	3 IV (E46) '02/98-.....	58	Saxo (S0,S1) '05/96-.....	86
GTV (916C) '06/95-.....	14	3 IV Cabrio, Coupe (E46) '04/99-.....	58	Visa '09/78-'03/91.....	88
Giulia '06/64-'12/78.....	14	3 IV Compact (E46) '06/01-.....	60	XM I (Y3) '05/89-'06/94.....	88
Giulietta (116) '10/77-'12/85.....	14	3 IV Touring (E46) '10/99-.....	60	XM I (Y3) Break '05/89-'06/94.....	88
Spider (105) '03/66-'12/77.....	14	3 V (E90) '01/05-.....	62	XM II (Y4) '05/94-'10/00.....	88
Spider (115) '03/71-'12/93.....	14	3 V Coupé (E90) '09/06-.....	62	XM II (Y4) Break '05/94-'10/00.....	88
Spider (916S) '06/95-.....	16	3 V Touring (E91) '01/05-.....	62	Xantia I (X1) '03/93-'01/98.....	88
Spider (939) '07/06-.....	16	5 I (E12) '08/72-'08/81.....	62	Xantia I (X1) Break '03/93-'01/98.....	90
		5 II (E28) '06/81-'06/90.....	62	Xantia II (X2) '01/98-.....	90
		5 III (E34) '01/88-'09/95.....	64	Xantia II (X2) Break '01/98-.....	92
		5 III Touring (E34) '11/91-'01/97.....	66	Xsara (N1/0), Coupe '04/97-.....	92
		5 IV (E39) '11/95-'07/03.....	66	Xsara (N2) Break '04/97-.....	92
		5 IV (E39) Touring '11/95-'07/03.....	68	Xsara Picasso (N68) '02/00-.....	92
		5 V (E60,1), Touring '07/03-.....	70	ZX (N2) '03/91-'06/97.....	94
		6 (E24) '04/76-'09/90.....	70	ZX (N2) Break '03/91-'06/97.....	94
		7 I (E23) '05/77-'08/86.....	70		
		7 II (E32) '09/86-'09/94.....	72	CITROËN LCV	
		7 III (E38) '10/94-'11/01.....	72	Berlingo Van (M) '07/96-.....	96
		7 IV (E65, E66) '11/01-.....	74	C15 (VD) '10/84-.....	96
		8 (E31) '04/90-'12/99.....	74	C25 (280, 290) '09/81-'02/94.....	96
		X3 '01/04-.....	74	C35 '11/73-'01/94.....	98
		X5 '05/00-.....	74	Jumper I (230) '03/94-'04/02.....	98
		Z1 '06/88-'06/91.....	76	Jumper II (244) '04/02-.....	98
		Z3 '10/95-'01/03.....	76	Jumper III '04/06-.....	98
		Z4 '02/03-.....	76	Jumpy (U6U) '10/95-.....	98
				Relay '01/95-.....	98
				Synergie '01/94-.....	98
		CHEVROLET			
		Evanda '03/05-.....	76	DACIA	
		Kalos '03/05-.....	76	Logan '09/04-.....	100
		Lacetti '03/05-.....	76		
		Matiz '03/05-.....	76	DAEWOO	
		Nubira, SW '03/05-.....	78	Cielo '02/95-.....	100
		Rezzo '03/05-.....	78	Espero (KLEJ) '10/91-'09/99.....	100
				Evanda (KLAL) '08/02-.....	100
		CHRYSLER		Kalos (KLAS) '09/02-.....	100
		Crossfire, Roadster '07/03-.....	78	Korando, Cabrio (KJ) '01/99-.....	100
		Grand Voyager I '01/91-'01/95.....	78	Lacetti (KLAN) '02/04-.....	100
		Grand Voyager II '01/96-.....	78	Lanos (KLAT) '05/97-.....	100
		Neon I (PL) '05/94-'08/99.....	78	Leganza (KLAV) '06/97-'12/02.....	100
		Neon II '08/99-.....	78	Matiz (KLYA) '09/98-.....	100
		PT Cruiser '06/00-.....	78	Musso (FJ) '01/99-.....	100
		Sebring (JR), Cabrio '04/01-.....	78	Nexia (KLETN) '02/95-'08/97.....	100
		Stratus (JA) '12/95-.....	78	Nubira (KLAJ), SW '05/97-.....	102
		Voyager I (ES) '08/84-'09/95.....	78	Rezzo '01/00-.....	102
		Voyager II (GS) '01/95-'03/01.....	78	Tacuma (KLAU) '09/00-.....	102
ALFA ROMEO LCV					
AR 6 (280) '01/82-'08/90.....	16				
AUDI					
100 I (C1) '11/68-'07/76.....	16				
100 II (43, C2), Avant '06/76-'07/83.....	16				
100 III (44, 44Q, C3), Avant '08/82-'07/91.....	16				
100 IV (4A, C4), Avant '12/90-'06/94.....	18				
200 I (43) '10/79-'09/82.....	20				
200 II (44, 44Q), Avant '08/83-'12/91.....	20				
50 (86) '08/74-'07/78.....	20				
80 I (80, 82, B1) '05/72-'08/78.....	20				
80 II (81, 85, B2) '08/78-'12/86.....	22				
80 III (89, 89Q, 8A, B3) '08/86-'07/92.....	26				
80 IV (8C, B4), Avant '09/91-'01/96.....	28				
90 I (81, 85, B2) '10/84-'03/87.....	30				
90 II (89, 89Q, 8A, B3) '04/87-'09/91.....	30				
A2 (8Z0) '02/00-.....	32				
A3 I (8L1) '09/96-'04/03.....	32				
A3 II (8P1), Sportback '05/03-.....	32				
A4 I (8D2, B5), Avant '01/95-'09/01.....	34				
A4 II (8E2, B6), Avant '11/00-'10/04.....	36				
A4 II Cabrio (8H7) '04/02-.....	36				
A4 III (8EC), Avant '11/04-.....	36				
A6 I (4A, C4), Avant '06/94-'02/97.....	36				
A6 II (4B, C5), Avant '01/97-'02/05.....	38				
A6 II Allroad (4BH) '05/00-.....	40				
A6 III (4F2), Avant '05/04-.....	40				
A6 III Allroad (4FH) '08/06-.....	40				
A8 I (4D2, 4D8) '03/94-'09/02.....	40				
A8 II (4E) '10/02-.....	42				
Cabrio (8G7, B4) '05/91-'08/00.....	42				
Coupe I (81, 85) '07/80-'10/88.....	42				
Coupe II (89, 8B) '10/88-'12/96.....	44				
Q7 '03/06-.....	46				
Quattro (85) '07/80-'07/91.....	46				
TT I (8N3,9), Roadster '10/98-.....	46				
TT II Coupé, Spider '09/06-.....	46				
V8 (D1) '10/88-'02/94.....	48				



MAKE - MODEL	PAGE	MAKE - MODEL	PAGE	MAKE - MODEL	PAGE
DAEWOO		Ritmo II (138A) '10/82-'12/88.....	124	Orion II (AFF) '12/85-'07/90.....	166
Tico (KLY3) '02/95-.....	102	Sedici '01/06-.....	126	Orion III (GAL) '07/90-'12/93.....	166
DAIHATSU		Seicento (187) '01/98-.....	126	Puma (EC) '03/97-.....	168
Applause I '06/89-'07/97.....	102	Stilo (192), Multi Wagon '10/01-.....	126	S-Max '07/06-.....	168
Applause II '07/97-.....	102	Tempira (159) '03/90-'08/96.....	126	Scorpio I (GAE, GGE) '04/85-'09/94.....	168
Charade II (G11, G30) '10/83-'03/87.....	102	Tempira (159) SW '03/90-'08/96.....	130	Scorpio II (GFR,GGR,GNR), SW '10/94-'08/98..	168
Charade III (G100, G101, G102) '03/87-'01/93...	102	Tipo (160) '07/87-'08/96.....	132	Sierra I, SW '08/82-'12/86.....	168
Charade IV (G200, G202) '01/93-.....	102	Ulysse I (220) '06/94-'08/02.....	136	Sierra II, SW '01/87-'02/93.....	170
Charmant (A) '11/81-'07/87.....	102	Ulysse II (179AX) '08/02-.....	136	Street Ka '05/03-.....	172
Cuore VI '10/98-'05/03.....	102	Uno (146A/E) '01/83-.....	136	Taurus I (GBFK) '01/70-'02/76.....	174
Cuore VII '05/03-.....	102	X 1/9 (128 AS) '05/73-'12/89.....	140	Taurus II (GBTS,GBFS,CBTS) '05/75-'07/79....	174
Delta Wide '01/76-'12/79.....	102	FIAT LCV		Taurus III 80 (GBS, GBNS) '07/79-'07/82..	174
Feroza (F300) '10/88-.....	102	238-Serie '09/66-'06/82.....	140	FORD LCV	
Gran Move (G3) '10/96-.....	104	241-Serie '01/67-.....	140	Escort Van III (AVA) '03/81-'02/86.....	176
Hijet I '06/86-'12/89.....	104	242-Serie Van '10/75-'07/82.....	140	Escort Van IV (AVF) '02/86-'07/90.....	176
Hijet II '12/92-.....	104	Doblò Cargo (223) '03/01-.....	140	Escort Van V (AVL) '07/90-'12/94.....	176
Move (L6, L9) '10/96-.....	104	Ducato I (280) '01/82-'08/90.....	140	Escort Van VI (AVL) '01/95-.....	176
Rocky (F7, F8) '04/84-.....	104	Ducato II (290) '03/89-'03/94.....	142	Fiesta I Van '05/76-'08/83.....	176
Sirion (M1) '04/98-.....	104	Ducato III (230) '03/94-'04/02.....	142	Fiesta II Van '03/83-'02/89.....	176
Sparcar '09/83-'05/86.....	104	Ducato IV (244, Z) '04/02-'01/06.....	142	Fiesta III Van '03/89-'07/95.....	176
Sportrak '01/89-.....	104	Ducato V '02/06-.....	142	Fiesta IV Van '08/95-'08/02.....	178
Terios I (J1) '10/97-.....	104	Fiorino (127) '10/77-'12/87.....	142	P 100 I '04/82-'09/87.....	178
YRV (M2) '02/01-.....	104	Fiorino I (147) '01/80-'12/93.....	142	P 100 II '10/87-.....	178
FIAT		Fiorino II (146) '10/92-.....	144	Tourneo Connect '09/02-.....	178
124 '07/66-'07/75.....	104	Panda I (141A) Van '01/86-'08/98.....	144	Transit Connect '09/02-.....	178
124 Coupe '06/67-'02/76.....	104	Punto Van I (176L) '04/96-'02/00.....	144	Transit I '04/55-'04/67.....	178
124 Spider '01/66-'09/85.....	104	Punto Van II (188AX) '02/00-.....	144	Transit II '01/65-'09/78.....	178
125 '07/67-'03/74.....	106	Scudo (220L) '02/96-.....	144	Transit III (V) '11/77-'10/86.....	178
126 '09/72-'09/00.....	106	Strada I (178E) '06/99-'01/05.....	144	Transit IV (T) '11/85-'09/92.....	178
127 '06/71-'12/86.....	106	Strada II (178EXG) '02/05-.....	146	Transit V (E1) '01/91-'09/94.....	180
128 '03/69-'12/84.....	106	Talento (290) '03/89-'03/94.....	146	Transit VI (E2) '07/94-'06/00.....	180
131 '10/74-'12/84.....	108	FORD EUROPE		Transit VII (FA, FD, FM) '01/00-.....	180
132 '04/72-'12/82.....	108	Capri I (ECJ) '12/68-'02/74.....	146	Transit VIII '07/06-.....	182
147 / Spazio '10/76-'12/95.....	108	Capri II (GCEP) '02/74-'12/77.....	146	FORD USA	
1500 Cabrio '06/64-'10/67.....	108	Capri III (GCEP) '01/78-'04/87.....	148	Probe II (ECP) '10/93-'03/98.....	182
1500-2300 '07/62-'12/70.....	108	Consul (GGCL,FL,NL) '01/72-'12/75.....	148	FSO POLSKY	
600 '03/55-'02/72.....	108	Cougar (EC) '08/98-'12/01.....	148	125P, SW '10/67-'08/92.....	182
850 '07/64-'12/72.....	108	Escort I (AFH,ATH) '01/68-'02/76.....	150	HONDA	
Argenta (132A) '06/78-'07/86.....	108	Escort II (ATH) '03/73-'07/81.....	150	Accord I (SJ, SY, SM, SV, SZ) '01/78-'09/83 182	
Barchetta (183) '04/95-.....	110	Escort III (GAA) '09/80-'07/86.....	150	Accord III (CA4, CA5), Aerodeck '11/85-'12/89.. 182	
Brava, Bravo (182) '10/95-'10/01.....	110	Escort IV (GAF,AWF,ABFT) '10/85-'10/90 . 152		Accord IV (CB3, CB7) '01/90-'12/93..... 182	
Bravo '03/07-.....	110	Escort V (GAL) '07/90-'12/92.....	152	Accord V (CC7) '03/93-'02/98..... 182	
Campagnola '06/74-'10/89.....	110	Escort VI (GAL) '09/92-'01/95.....	152	Accord VI (CE, CF) '02/96-'10/98..... 184	
Cinquecento (170) '07/91-'01/98.....	110	Escort VII (GAL,AAL,ABL) '01/95-'08/00.... 154		Accord VII (CG) '02/98-'01/03..... 184	
Coupe (FA/175) '11/93-.....	110	Escort VIII (AAL,ABL) '10/98-'07/00.....	154	Accord VIII '02/03-..... 184	
Croma (154) '12/85-'12/96.....	112	Fiesta I '05/76-'08/83.....	154	Ballade '01/81-'01/92..... 184	
Croma (194) '05/05-.....	112	Fiesta II (FBD) '09/83-'11/89.....	154	Civic I '07/72-'12/84..... 184	
Doblò (223) '03/01-'04/05.....	112	Fiesta III (GFJ) '01/89-'12/95.....	156	Civic I Shuttle (AN, AR) '10/83-'10/87..... 184	
Doblò Restyling (223) '05/05-.....	112	Fiesta IV (JA, JB) '08/95-'01/02.....	156	Civic II '10/83-'10/87..... 184	
Duna (146 B), Weekend '01/87-'12/91.....	114	Fiesta V (JH) '11/01-.....	156	Civic II Shuttle (EE) '01/88-'02/95..... 184	
Grande Punto IV (199) '09/05-.....	114	Focus C-Max '10/03-.....	158	Civic III '09/87-'09/91..... 184	
Idea '01/04-.....	114	Focus I, SW '10/98-'10/04.....	158	Civic IV (EG) '10/91-'11/95..... 186	
Marea (185) '09/96-.....	114	Focus II '11/04-.....	158	Civic IV Coupe (EJ) '01/94-'03/96..... 186	
Marea (185) Weekend '09/96-.....	114	Focus II Cabrio '10/06-.....	158	Civic IV Coupé (MA, MB) '09/94-'01/97..... 186	
Multipla (186) '04/99-.....	116	Focus II SW '11/04-.....	158	Civic V (EJ9, EK1/3/4) '11/95-'02/01..... 186	
Palio Weekend (178DX) '04/96-.....	116	Fusion (JU) '08/02-.....	160	Civic V Aerodeck (MC) '04/98-'02/01..... 186	
Palio/Siena (178BX) '04/96-.....	116	Galaxy I (VX, WGR, VY) '03/95-'08/06.....	160	Civic V Coupe (EJ6, EJ8) '03/96-'03/00.... 188	
Panda I (141A) '10/80-.....	116	Galaxy II '09/06-.....	160	Civic V Coupé (MB) '01/97-'02/01..... 188	
Panda II (169) '09/03-.....	118	Granada I (GGTL,FL), SW '01/72-'08/77.... 160		Civic VI (EU, EP) '02/01-..... 188	
Punto I (176,C), Cabrio '09/93-'09/99.....	118	Granada II (GU), SW '08/77-'08/85.....	160	Civic VI Coupe (EM) '02/01-..... 188	
Punto II (188) '09/99-'07/03.....	118	Granada III (GAE, GGE) '04/85-'09/94.....	162	Civic VII H-Back '01/06-..... 188	
Punto III '10/01-'09/05.....	118	Ka (RB) '09/96-.....	164	Concerto (HW) '08/89-'03/95..... 188	
Regata (138) '09/83-'12/90.....	118	Maverick I '02/93-'04/98.....	164		
Regata Weekend '01/84-'12/90.....	120	Mondeo I (GBP), SW '02/93-'08/96.....	164		
Ritmo Bertone Cabrio '01/80-'07/89.....	122	Mondeo II (BAP), SW '09/96-'11/00.....	164		
Ritmo I (138A) '01/78-'12/87.....	122	Mondeo III (B5Y), SW '11/00-.....	166		
		Orion I (AFD) '07/83-'03/86.....	166		

MAKE - MODEL	PAGE	MAKE - MODEL	PAGE	MAKE - MODEL	PAGE
HONDA		Elf '01/83-.....	198	Pride (DA) '01/90-.....	212
Cr-v I (RD) '10/95-.....	188	Fargo.....	198	Rio I, SW (DC) '08/00-.....	212
Cr-v II '07/02-.....	188	Faster.....	198	Rio II '03/05-.....	212
Crx I (AF, AS) '10/83-'10/87.....	188	Florian (PAD30) '12/79-'08/83.....	198	Sephia, Timor (FA) '09/93-.....	212
Crx II (ED, EE) '10/87-'02/92.....	188	Trooper I (UBS).....	198	Sorento (JC) '08/02-.....	212
Crx III (EH, EG) '03/92-'12/98.....	190	IVECO		Sportage I (K00) '04/94-.....	212
FR-V '02/05-.....	190	100.....	198	Sportage II '09/04-.....	212
HR-V (GH) '03/99-.....	190	109.....	198	LADA	
Integra (DA) '10/85-'08/89.....	190	110.....	198	110 '01/95-.....	212
Jazz (GD) '03/02-.....	190	115.....	198	111 '01/95-.....	212
Logo (GA3) '03/99-'03/02.....	190	135.....	200	112 '01/95-.....	212
Odyssey '01/95-'01/98.....	190	145.....	200	1200-1600 '01/70-'01/87.....	212
Prelude I Coupe (SN) '01/78-'10/83.....	190	150.....	200	Niva (2121) '12/76-.....	212
Prelude IV (BB) '02/92-'09/96.....	190	175.....	200	Nova (2105, 2108, 2109) '05/81-.....	214
Quintet (SU) '02/80-'12/84.....	190	300.....	200	Samara, Forma (2108, 2109).....	214
S2000 (AP) '06/99-.....	190	40.....	200	Toscana.....	214
Shuttle (RA) '10/94-'05/01.....	190	40/35.....	200	Ziguli.....	214
Stream (RN) '05/01-.....	190	50.....	200	LANCIA	
HYUNDAI		55.....	200	A 112 '03/78-'12/86.....	214
Accent I (X-3) '10/94-'01/00.....	192	60.....	200	Beta (828B) '08/73-'07/82.....	214
Accent II (LC) '01/00-'06/06.....	192	615.....	200	Beta Coupe (828BC) '04/76-'12/84.....	214
Atos (MX) '02/98-.....	192	616.....	200	Beta H.P.E. (828BF) '05/76-'09/84.....	214
Atos Prime (MX) '08/99-.....	192	625.....	200	Beta Monte Carlo (137AS, 137BS) '07/80-'05/81.....	214
Coupe I (RD) '08/96-'04/02.....	192	645.....	200	Dedra (835) '04/89-'07/99.....	216
Coupe II (GK) '03/02-.....	192	65.....	202	Delta I (831AB0) '09/79-'01/94.....	216
Elantra (XD) '06/00-.....	192	653.....	202	Delta II (836) '06/93-'08/99.....	218
Excel II '01/90-'05/96.....	192	655.....	202	Fulvia, Coupé '09/68-'07/75.....	218
Galloper II (JK-01) '08/98-.....	192	662.....	202	Kappa (838A,B), SW '08/94-'10/01.....	218
Getz (TB) '09/02-.....	192	672.....	202	Lybra (839AX,BX), SW '07/99-.....	220
Lantra I (J-1) '10/90-'11/95.....	192	684.....	202	Musa '10/04-.....	220
Lantra II (J-2), SW '11/95-'09/00.....	194	690.....	202	Phedra (179) '09/02-.....	220
Matrix (FC) '06/01-.....	194	691.....	202	Prisma (831AB0) '12/82-'02/92.....	220
Pony I '06/74-.....	194	697.....	202	Thema (834) '11/84-'04/97.....	220
Pony II (X-2) '10/89-'01/95.....	194	79.....	202	Thesis (841AX) '07/02-.....	222
S Coupe (SLC) '02/90-'05/96.....	194	90.....	202	Trevi (828DB) '05/80-'01/87.....	222
Santa Fé I (SM) '02/01-.....	194	95.....	202	Y (840A) '11/95-'10/03.....	222
Sonata I (Y-2) '09/88-'10/93.....	194	Autobus.....	202	Y10 (156) '03/85-'12/95.....	222
Sonata II (Y-3) '05/93-'06/98.....	194	Daily - Grinta '01/79-'12/90.....	204	Ypsilon '10/03-.....	222
Sonata III (EF) '03/98-'10/01.....	194	Daily I '01/91-'01/99.....	204	Zeta (220) '05/95-'09/02.....	224
Sonica '07/06-.....	194	Daily II '02/99-.....	204	LAND ROVER	
Starex (H1) '06/97-.....	194	EuroCargo.....	204	Defender (LD) 110 '09/90-.....	224
Terracan (HP) '12/01-.....	194	EuroStar.....	206	Defender (LD) 130 '09/90-.....	224
Trajet (FO) '03/00-.....	194	EuroTech MP.....	206	Defender (LD) 90 '09/90-.....	224
Tucson (JM) '08/04-.....	196	EuroTech MT.....	208	Discovery I '09/89-'06/94.....	224
HYUNDAI LCV		EuroTrakker.....	208	Discovery II (LJ, LT) '06/94-.....	224
H-1 Van, Starex '10/97-.....	196	P / PA '12/79-'12/93.....	208	Freelander I (LN) '02/98-.....	224
H100 Bus (P) '07/93-'03/00.....	196	Stralis.....	208	Range Rover I '07/70-'07/94.....	224
INNOCENTI		Trakker.....	210	Range Rover II (LP) '07/94-'03/02.....	224
990 '01/86-'12/90.....	196	TurboTech '01/90-'01/93.....	210	LEXUS	
Elba (146) '08/91-.....	196	Turbostar '07/84-'12/93.....	210	IS II '10/05-.....	224
IM3 / IM3S '01/62-'12/71.....	196	JEEP		MAZDA	
J4/ J4S / J5 '01/71-'12/76.....	196	CJ7 '01/82-'12/92.....	210	1000 '01/75-'01/77.....	224
Koral '01/90-'12/92.....	196	Cherokee I (XJ) '10/84-.....	210	121 I (DA) '10/87-'10/90.....	224
Mille '01/94-.....	196	Grand Cherokee I (Z) '09/91-'04/99.....	210	121 II (DB) '11/90-'03/96.....	226
Mini I '01/69-'01/77.....	196	Grand Cherokee II (WJ,WG) '04/99-.....	210	121 III (JASM, JBSM) '03/96-.....	226
Mini II '01/77-'10/85.....	196	KIA		2 (DY) '04/03-.....	226
Mini III '10/85-'10/91.....	198	Carens II '07/02-.....	210	3 (BK) '10/03-.....	226
ISUZU		Carnival I '08/99-'10/01.....	210	323 I (FA), SW '01/77-'05/86.....	226
Bighorn '09/81-'11/89.....	198	Carnival II '10/01-.....	210	323 II (BD) '09/80-'10/89.....	226
Campo '04/77-'12/91.....	198	Cerato '04/04-.....	210		
		Magentis (GD) '05/01-.....	212		
		Opirus '09/03-.....	212		
		Picanto '04/04-.....	212		



MAKE - MODEL	PAGE	MAKE - MODEL	PAGE	MAKE - MODEL	PAGE
MAZDA		Classe S IV Coupe (C140) '09/92-'02/99.....	258	Galant VI (EA), SW '09/96-.....	280
323 III (BF) '08/85-'10/95	226	Classe S V (W220) '10/98-.....	258	Grandis '04/04-.....	280
323 IV (BG) '06/89-'10/94	226	Classe S V Coupe (C215) '03/99-.....	260	L 200 (KT) '11/86-.....	280
323 V (BA) '08/94-'09/98	228	Classe S VI (W221) '10/05-.....	260	Lancer I (A17) / Mirage '09/79-'02/83	282
323 VI (BJ) '09/98-.....	228	Classe V (638/2) '09/96-.....	260	Lancer II F (A17)/ Mirage '03/83-'01/84	282
5 (CR19) '03/05-.....	228	Coupe II (C123) '03/77-'12/85	260	Lancer III (C1A, C6A)/ Mirage '11/83-'06/92	282
6 (GG,GY), SW '06/02-.....	228	Coupe III (C124) '03/87-'03/89	260	Lancer III (C1V, C3V) SW/ Mirage '01/84-'06/92	282
626 II (GC) '11/82-'09/87	230	Coupe IV (C124) '03/89-'05/93	262	Lancer IV (C6A, C7A)/ Mirage '04/88-'05/94	282
626 III (GD,GV), SW '06/87-'09/97	230	SL I (R107) '05/71-'08/89.....	262	Lancer V (CB/DA) SW/ Mirage '06/92-'11/95	282
626 IV (GE), Cronos '01/92-'04/97	230	SL I Coupe (C107) '01/72-'09/81	262	Lancer V (CB/DA)/ Mirage '06/92-'11/95	282
626 V (GF,GW), SW '05/97-.....	230	SL II (R129) '03/89-'10/01.....	262	Lancer VI (CK/PA) '12/95-.....	282
818 SW '01/74-'10/78	230	SL III (R230) '10/01-.....	264	Outlander I '05/03-.....	282
929 II (HB), Coupe '05/82-'12/87	230	SLK I (R170) '09/96-.....	264	Pajero I (L04G, L14G) '12/82-'12/91.....	282
929 III (HC) '05/87-'06/91	230	SLK II (R171) '03/04-.....	264	Pajero II (V2W, V4W) '12/90-'04/00.....	282
Demio (DW) '08/98-.....	230	T-Model (S123) SW '09/77-'12/85	264	Pajero III (V60) '04/00-.....	284
MPV II (LW) '09/99-.....	230	T-Model I (S124) SW '09/85-'09/89	266	Pajero III Classic (V2W) '07/02-.....	284
MX-3 (EC) '07/91-.....	232	T-Model II (S124) SW '09/89-'06/93	266	Pajero Pinin (H6W, H7W) '10/99-.....	284
MX-5 I (NA) '05/90-'04/98	232	Tre Volumi I (W123) '01/76-'12/85.....	268	Pajero Sport (K90) '11/98-.....	284
MX-5 II (NB) '05/98-.....	232	Tre Volumi II (W124) '12/84-'06/93.....	270	Sapporo I (A12) '04/78-'07/80.....	284
MX-5 III (NC) '03/05-.....	232	Vaneo (414) '02/02-.....	272	Sapporo II (A16A) '08/80-'09/84	284
MX-6 (GE6) '02/92-'12/97	232	Viano (W639) '09/03-.....	272	Sapporo III (E16A) '06/87-'08/90	284
Premacy (CP) '07/99-.....	232	MERCEDES BENZ LCV		Sigma II '01/80-'10/87.....	284
RX 7 III (FD) '07/92-.....	232	MB100 (631) '02/88-'12/94	272	Space Gear (PA/B/DV/W) '05/95-.....	284
Tribute (EP) '03/00-.....	232	Sprinter I 2-T (901, 902) '02/95-.....	272	Space Runner I (N1W, N2W) '10/91-'08/99	284
Xedos 6 (CA) '01/92-.....	232	Sprinter I 3-T (903) '02/95-.....	272	Space Runner II (N50) '08/99-.....	284
Xedos 9 (TA) '07/93-.....	232	Sprinter I 4-T (904) '02/96-.....	272	Space Star (DG0) '06/98-.....	284
MAZDA LCV		T1 (601) '04/77-'02/96	272	Space Wagon I (D0V/W) '01/83-'04/91.....	284
B-Serie III (UF) '01/85-'06/99.....	232	Trasporter (BM601) '05/77-'01/95.....	272	Space Wagon II (N3W, N4W) '10/91-'10/98	286
E 2000,2200 (SR1,2) '05/84-.....	232	Trasporter (BM602) '05/77-'01/95.....	274	Space Wagon III (N5W) '10/98-.....	286
MERCEDES BENZ		Trasporter (BM611) '06/73-'01/95.....	274	Tredia (A21) '09/82-'10/87	286
114 (W114) '01/68-'11/76	234	Trasporter (BM667) '06/81-'01/95.....	274	MITSUBISHI LCV	
114 Coupe (W114) '04/69-'02/77	234	Vito I (638) '03/97-.....	274	L 300 I (L03P/G, L02P) '05/80-'04/94	286
115 (W115) '01/68-'01/77	234	Vito II (W639) '09/03-.....	274	L 300 II (P0W, P1W, P2W) '11/86-.....	286
190 (W201) '10/82-'08/93	236	MERCEDES TRUCK		L 400 (PAOV) '06/96-.....	286
CLK I (C208) '06/97-'06/02	236	LP-LPK-LPS '01/67-'03/77.....	274	NISSAN	
CLK I Cabrio (A208) '03/98-'05/02.....	238	Serie LK-LN2 '01/84-'12/98	274	100 NX (B13) '03/90-'10/94	286
CLK II (C209) '06/02-.....	238	Serie MK '12/87-'09/96	274	200 SX (S14) '10/93-.....	286
CLK II Cabrio (A209) '02/03-.....	238	Serie NG '08/73-'09/96	276	Almera I (N15) '09/95-'07/00.....	286
CLS (C219) '10/04-.....	238	Serie O (BUS) '04/73-'11/01	276	Almera II (N16) '07/00-.....	286
Classe A (W168) '07/97-'08/04	238	Serie SK '07/87-'09/96.....	276	Almera Tino (V10) '08/00-.....	286
Classe A (W169) '09/04-.....	240	Serie T2 '04/77-'12/88	276	Bluebird (510) '01/68-'12/73	288
Classe B (W245) '03/05-.....	240	Unimog '01/77-'05/88.....	276	Bluebird (610) '07/74-'11/79	288
Classe C I (W202) '03/93-'05/00.....	240	MINI		Bluebird (710) '07/74-'01/77	288
Classe C I SW (S202) '06/96-'03/01	242	Mini '06/01-.....	276	Bluebird (T72, T12) '12/85-'06/91	288
Classe C II (W203) '05/00-.....	242	Nuova Mini '11/06-.....	278	Bluebird (U11) '11/83-'12/90.....	288
Classe C II SW (S203) '03/01-.....	244	MITSUBISHI		Cherry (920) '05/82-'12/85.....	288
Classe C II SportCoupe (CL203) '03/01-.....	244	Carisma (DA) '07/95-.....	278	Cherry (N10) '08/78-'12/83	288
Classe E I (W124) '06/93-'06/95.....	244	Celeste (A7) '10/75-'06/81	278	Cherry (N12) '05/82-'12/86	288
Classe E I Cabrio (A124) '06/93-'03/98	246	Colt (A7) Lancer '01/78-'09/79.....	278	Cherry I (E10) '09/70-'09/78	290
Classe E I Coupe (C124) '06/93-'06/97	246	Colt II (C1A)/ Champ '02/84-'04/88.....	278	Cherry I (F10-F11) '01/76-'10/78	290
Classe E I SW (S124) '06/93-'06/96	246	Colt III (C5A) '04/88-'05/92.....	278	Laurel (HLC230) '03/77-'05/83	290
Classe E II (W210) '06/95-'03/02	248	Colt IV (CAA) '04/92-'04/96	278	Laurel (JC31) '01/81-'12/85.....	290
Classe E II SW (S210) '06/96-'03/03	250	Colt V (CJA) '11/95-'06/04	278	Maxima (J30) '10/88-'06/94	290
Classe E III (W211) '03/02-.....	250	Colt VI '06/04-.....	278	Maxima Qx (A32) '01/95-'08/00	290
Classe E III SW (S211) '03/03-.....	252	Cordia (A21A) '10/82-'12/86	280	Maxima Qx (A33) '10/97-.....	290
Classe G (W460) '03/79-'07/93	252	Eclipse I (D2A) '04/91-'11/95	280	Micra I (K10) '12/82-'07/92	290
Classe G (W461) '02/90-.....	252	Eclipse II (D3) '12/95-.....	280	Micra II (K11) '08/92-'02/03	290
Classe G (W463) '09/89-.....	254	Galant I (A12) '01/77-'08/80	280	Micra III (K12) '01/03-.....	290
Classe GL '09/06-.....	254	Galant II (A16/V), SW '09/80-'05/84	280	Micra III Cabrio '08/05-.....	290
Classe M (W163) '02/98-.....	254	Galant III (E1A) '06/84-'12/87	280	Note '03/06-.....	290
Classe M (W164) '07/05-.....	254	Galant IV (E3A) '11/87-'10/92	280	Pathfinder II (R50) '09/97-.....	290
Classe R '01/06-.....	256	Galant V (E5A, E7A, E8A) '11/92-'08/96	280	Patrol I (W/K160) SW, Hardtop '11/79-'11/95.....	292
Classe S II (W116) '08/72-'07/80	256			Patrol I (Y60) Gr '09/88-'06/97	292
Classe S III (W126) '10/79-'06/91	256			Prairie I (M10, NM10) '07/83-'09/88.....	292
Classe S III Coupe (C126) '10/81-'06/91	258			Prairie Pro (M11) '10/88-'07/94.....	292
Classe S IV (W140) '02/91-'10/98	258			Primera I (P10) '06/90-'06/96.....	292
				Primera I (W10) SW/ Avenir '07/90-'03/98..	292



MAKE - MODEL	PAGE	MAKE - MODEL	PAGE	MAKE - MODEL	PAGE
NISSAN		Kadett E Cabrio '09/84-'08/91.....	316	505 (551A) '08/79-'12/93.....	344
Primera II (P11) '09/96-'02/02.....	292	Kadett E SW '09/84-'08/91.....	316	505 Break (551D) '06/81-'12/93.....	346
Primera II (WP11) SW '04/98-'02/02.....	294	Manta A '09/70-'08/75.....	316	604 '08/77-'07/87.....	346
Primera III (P12), SW '03/02-.....	294	Manta B / Cavalier Coupé '09/75-'08/88.....	318	605 (6B) '06/89-'09/99.....	346
Pulsar I/ Langley '08/78-'12/83.....	294	Meriva '05/03-.....	318	607 (9D) '02/00-.....	346
Pulsar III/ Langley '06/86-'10/91.....	294	Monza A / Royal - Coupé '02/78-'08/86.....	318	806 (221) '06/94-'08/02.....	346
Serena (C23M) '11/92-.....	294	Olympia A '08/67-'08/71.....	318	807 (E) '06/02-.....	348
Silvia II (S12) '04/84-'09/88.....	294	Omega A, SW / Carlton III '09/86-'03/94.....	320	PEUGEOT LCV	
Stanza II (T11) '08/81-'12/85.....	294	Omega B, SW / Omega '03/94-'07/03.....	320	205 Van '10/87-.....	348
Stanza III (T12)/ Auster '01/86-'12/90.....	294	Rekord B '08/65-'02/67.....	320	306 Van '05/93-.....	348
Sunny (140Y, 150Y) '01/70-'02/82.....	296	Rekord C, SW '08/66-'12/71.....	320	Boxer I (230) '03/94-'04/02.....	348
Sunny I (B) '01/71-'02/82.....	296	Rekord D, SW / Carlton I '01/72-'08/77.....	320	Boxer II (244) '04/02-.....	348
Sunny II (B11), SW '03/82-'09/87.....	296	Rekord E, SW / Carlton II '08/77-'08/86.....	322	Boxer III '04/06-.....	348
Sunny III (N13, B12) '06/86-'10/91.....	296	Senator A / Royal I '02/78-'08/87.....	322	Expert '02/96-.....	348
Sunny IV (N14) '10/90-'06/95.....	296	Senator B / Royal II '09/87-'09/93.....	324	J5 (280/290) '09/81-.....	350
Terrano I (WD21) '10/87-'02/96.....	296	Signum '05/03-.....	324	J7 '08/68-'03/80.....	350
Terrano II (R20) '02/93-.....	298	Sintra '11/96-'04/99.....	324	J9 '03/80-'06/87.....	350
Violet '01/73-'01/81.....	298	Speedster / VX220 '09/00-.....	324	Partner/Ranch '06/96-.....	350
X-Trail (T30) '07/01-.....	298	Tigra A '07/94-'12/00.....	324	PORSCHE	
NISSAN LCV		Tigra B Twintop '06/04-.....	324	924 '11/75-'08/89.....	352
Cabstar (10Q) '01/82-'12/87.....	298	Vectra A (86, 87) / Cavalier III '09/88-'11/95.....	324	RENAULT	
Cabstar (15Q) '01/82-'12/90.....	298	Vectra B, SW / Vectra '10/95-'04/02.....	326	Avantime (DE0) '09/01-.....	352
Cabstar E '01/98-.....	298	Vectra C, SW, Gts / Vectra II '04/02-.....	326	Clio I (B/C57, 5/357) '05/90-'09/98.....	352
Interstar '07/02-.....	298	Zafira A '04/99-'10/05.....	326	Clio II (B/C/B0/1) '09/98-'05/05.....	354
Kubistar '08/03-.....	298	Zafira B '10/05-.....	328	Clio III '06/05-.....	354
Pick-Up/King Cab (D21) '09/85-'02/98.....	298	OPEL LCV / VAUXHALL LCV		Espace I (J11) '07/84-'12/90.....	354
Pick-Up/King Cab (D22) '02/98-.....	298	Arena '03/98-'08/01.....	328	Espace II (J/S63) '01/91-'10/96.....	356
Primastar '03/01-.....	300	Astra F Van (55) '10/91-'01/99.....	328	Espace III (JE) '11/96-.....	356
Sunny III (Y10) Van '11/90-.....	300	Astra G Van (F70) '01/99-.....	328	Espace IV (JK0) '11/02-.....	356
Urvan I (E23) '07/81-'11/88.....	300	Combo I (71) '07/94-'10/01.....	328	Estafette '02/62-'12/81.....	356
Urvan II (E24) '05/87-.....	300	Combo II '10/01-.....	328	Fuego (136) '02/80-'10/85.....	356
Vanette I (C12) '01/83-'12/87.....	300	Corsa A Van / Nova Van '02/86-'04/89.....	330	Grand Scénic '04/04-.....	356
Vanette II (C22) '10/86-'12/95.....	300	Corsa B Van (73) / Corsa Van '08/99-'09/00.....	330	Kangoo (KC0) '03/98-.....	358
Vanette III Cargo (HC 23) '01/95-.....	300	Corsa C Van (F08, W5L) / Corsa II Van '09/00-.....	330	Laguna I (B56, 556) '11/93-'03/01.....	358
OPEL / VAUXHALL		Kadett E Van / Astra E Van '08/84-'07/94.....	330	Laguna I (K56) SW '09/95-'03/01.....	360
Admiral A '04/64-'03/69.....	300	Movano '07/98-.....	330	Laguna II (B74) '03/01-.....	360
Admiral B '03/69-'01/78.....	302	Vivaro '08/01-.....	330	Laguna II (K74) SW '03/01-.....	362
Agila (H00) '09/00-.....	302	PEUGEOT		Megane I (BA) '01/96-'11/02.....	362
Ascona A '10/70-'08/75.....	302	1007 '04/05-.....	332	Megane I (DA) Coach '03/96-'11/02.....	364
Ascona B / Cavalier I '09/75-'08/81.....	302	104 '10/72-'06/88.....	332	Megane I (EA0) Cabrio '10/96-'11/02.....	364
Ascona C / Cavalier II '09/81-'08/88.....	304	106 I (1A, 1C) '09/91-'04/96.....	332	Megane I (JA0) Scenic '01/97-'09/99.....	366
Astra D SW '09/79-'08/86.....	304	106 II (1) '05/96-.....	332	Megane I (KA) SW '03/99-'11/02.....	366
Astra F Classic, SW '01/98-.....	304	107 '06/05-.....	332	Megane I (LA) Classic '09/96-'11/02.....	366
Astra F, SW '09/91-'09/98.....	304	204 '10/65-'10/77.....	332	Megane II (BM0, CM0), SW '11/02-.....	368
Astra G, SW '09/98-'03/04.....	306	205 I (741A/C/B) '02/83-'10/87.....	332	Modus '12/04-.....	368
Astra H Cabriolet '09/05-.....	306	205 II (20A/C) '01/87-'09/98.....	334	R11 (B/C37) '03/83-'12/90.....	370
Astra H, SW, GTC '03/04-.....	306	206 (2A/C), SW '09/98-.....	334	R12 '10/69-'08/80.....	372
Calibra A '06/90-'07/97.....	308	207 '04/06-.....	334	R14 (121) '09/79-'12/83.....	372
Commodore A, Coupé '08/67-'01/72.....	308	304 '10/69-'10/80.....	334	R15 '03/72-'10/80.....	372
Commodore B, Coupé / Viceroy I '01/72-'07/78.....	308	305 I (581A) '11/77-'09/82.....	336	R16 (115) '09/65-'08/80.....	372
Commodore C, SW / Viceroy II '08/78-'12/82.....	308	305 II (581M/E), Break '10/82-'07/90.....	336	R17 '03/72-'10/80.....	374
Corsa A / Nova '09/82-'03/93.....	308	306 (7B, N3) '05/93-.....	336	R18 (134) '04/78-'07/86.....	374
Corsa B / Corsa '03/93-'09/00.....	310	306 (N5) Break '05/93-.....	338	R18 (135) Break '05/79-'12/86.....	374
Corsa C / Corsa II '09/00-'06/06.....	310	307 I (3A/C), SW '08/00-'06/05.....	338	R19 I (B/C53) '01/88-'12/92.....	374
Corsa D '07/06-.....	312	307 II, SW '07/05-.....	338	R19 I (D53) Cabrio '09/88-'04/92.....	376
Diplomat A '10/64-'03/69.....	312	309 I (10C, 10A) '10/85-'12/89.....	338	R19 I (L53) Chamade '01/88-'12/92.....	376
Diplomat B '03/69-'01/78.....	312	309 II (3C, 3A) '07/89-'12/93.....	340	R19 II (B/C53) '01/92-'06/96.....	378
Frontera A / Frontera '03/92-'10/98.....	312	404 '04/63-'12/71.....	340	R19 II (D53) Cabrio '04/92-'06/96.....	380
Frontera B / Frontera II '10/98-.....	312	405 I (15B) '01/87-'12/93.....	340	R19 II (L53) Chamade '01/92-'12/95.....	380
GT '09/68-'08/73.....	312	405 I (15E) Break '01/87-'12/92.....	340	R20 (127) '10/75-'12/83.....	382
Kadett A, SW '09/62-'08/65.....	312	405 II (4B) '08/92-'10/96.....	340	R21 (B48) '03/86-'06/94.....	382
Kadett B, SW / Chevette B '09/65-'08/73.....	312	405 II (4E) Break '08/92-'10/96.....	342	R21 (K48) Nevada '03/86-'09/95.....	384
Kadett C, SW / Chevette C '08/73-'07/79.....	314	406 (8B/E/F), Break '11/95-'05/04.....	342	R21 (L48) '03/86-'06/94.....	384
Kadett City '08/73-'07/79.....	314	407, SW '05/04-.....	342	R25 (B29) '04/84-'12/93.....	386
Kadett D, SW / Astra D '08/79-'08/84.....	314	504 '07/68-'07/86.....	342		
Kadett E, SW / Astra E '08/79-'08/84.....	314	504 Break '04/71-'07/86.....	344		
Kadett E / Astra E, Belmont '09/84-'08/91.....	314	504 Pick-Up '01/80-'12/89.....	344		



MAKE - MODEL	PAGE	MAKE - MODEL	PAGE	MAKE - MODEL	PAGE
RENAULT		Marina I '04/71-'09/75	414	120 (744) '08/76-'12/90	432
R30 (127) '02/75-'03/86	388	Marina II '03/75-'10/78	414	130 '02/85-'10/91	432
R4 (112) '10/62-'06/93	388	Marina III '09/78-'10/80	414	Fabia (6Y2, 3, 5), SW '12/99-	432
R5 '07/71-'12/85	388	Metro MG '10/80-'09/90	414	Favorit (781) '05/89-'09/94	432
R6 '10/69-'04/87	390	Metro Van '10/80-'09/90	414	Favorit Forman (785) '08/91-'06/95	432
R9 (L42) '09/81-'12/89	390	Mini Mk I '01/67-	414	Favorit Pick-Up (787) '12/92-'06/97	432
Safrane I (B54) '04/92-'07/96	392	Mini Mk I Cooper '01/67-'12/91	416	Felicia I (6U1, 6U5), SW '10/94-'03/98	432
Safrane II (B54) '07/96-'12/00	392	Mini Mk I Van, Pick-Up '01/67-'06/93	416	Felicia I (797) Pick-Up '01/95-	432
Scenic I (JA) '09/99-'06/03	392	Montego (XE), SW '04/84-'10/95	416	Felicia II (6U1, 6U5), SW '03/98-'06/01	434
Scenic II (JM) '06/03-	392	Streetwise '08/03-	416	Octavia II (1U2, 1U5), SW '09/96-'06/04	434
Sport Spider (EF0) '03/95-'10/99	394	SAAB		Octavia III (1Z3, 1Z5), SW '06/04-	434
Super 5 (B/C40) '10/84-'12/96	394	9-3 I (YS3D), Cabrio '02/98-'09/02	416	Rapid (120G, 130G, 135G) '02/83-'10/91	434
Twingo (C06) '03/93-	396	9-3 II (YS3F), SW '09/02-	416	Roomster '09/06-	434
Vel Satis (BJ0) '06/02-	396	9-5 (YS3E), SW '09/97-	416	Superb (3U4) '02/02-	436
RENAULT LCV		90 '08/84-'08/87	418	SMART (MCC)	
Clio I Van '01/91-'09/98	396	900 I, SW Coupé '09/78-'06/94	418	Cabrio '03/00-'01/04	436
Clio II Van (SB0) '09/98-	396	900 II, Coupe, Cabrio '07/93-'02/98	418	City-Coupe (MC01) '07/98-'01/04	436
Kangoo (FC0) Van '03/98-	396	9000 '09/84-'12/98	418	Forfour '04/04-	436
Master I '08/80-'07/98	398	95 SW '10/65-'12/78	418	Fortwo I '01/04-	436
Master II '07/98-	398	96 '10/65-'08/80	420	Roadster '04/03-	436
R11 Van '03/83-'12/88	400	SCANIA		SSANGYONG	
R12 Van '07/75-'04/80	400	Serie 112 H/M '01/81-'12/86	420	Korando II (KJ) '12/96-	436
R18 Van '05/79-'07/86	400	Serie 113 M/H/E '01/88-'12/96	420	Musso (FJ) '10/95-	438
R19 I Van '01/88-'12/92	400	SEAT		SUBARU	
R19 II Van '03/92-'12/95	400	124 '01/68-'10/80	420	Forester I (SF) '08/97-'09/02	438
R21 Van '06/86-'04/95	400	127 (127A) '04/72-'12/82	420	Forester II (SG) '09/02-	438
R4 Van '09/66-'12/93	402	128 '01/76-'12/80	420	Impreza I (GC), SW '08/92-'12/00	438
R5 Van '01/72-'12/85	402	131 '10/74-'12/86	420	Impreza II (GD, GG), SW '12/00-	438
Rapid/Express (F40, G40) Van '07/85-'08/98	402	132 '05/73-'12/82	420	Justy II (JMA, MS) '10/95-	438
Super 5 (S40) Van '10/84-'12/96	404	600 D '09/63-'04/70	420	Legacy I (BC, BJJ), SW '01/89-'07/94	438
Trafic I (P6) '03/80-'04/89	404	850 '01/66-'07/75	420	Legacy II (BD, BG), SW '09/94-'03/99	438
Trafic I Bus '03/80-'04/89	406	Alhambra (7V8, 7V9) '04/96-	420	Legacy III (BE, BH), SW '10/98-'09/03	438
Trafic I Van '03/80-'04/89	406	Altea (5P1) / Altea XL '03/04-	422	Legacy IV, SW '09/03-	438
Trafic II (PX) '05/89-'03/01	406	Arosa (6H) '05/97-	422	Leone I (AB), SW '03/79-'10/84	438
Trafic II Bus '05/89-'03/01	406	Cordoba I (6K2/C2) '02/93-'06/99	422	Leone II, SW '11/84-'02/92	438
Trafic II Van '05/89-'03/01	408	Cordoba II (6K2) '06/99-'10/02	422	Outback I (BE, BH) '10/00-	440
Trafic III '03/01-	408	Cordoba III (6L2) '10/02-	424	SUZUKI	
Twingo (S06) Van '03/93-	408	Fura (025A) '01/82-'12/86	424	Alto I (SS80) '06/82-'12/85	440
RENAULT TRUCK		Ibiza I (021A) '06/84-'12/93	424	Alto II (EC) '01/86-'11/93	440
Mascott '01/99-	408	Ibiza II (6K1) '03/93-'08/99	424	Alto III (EF) '09/94-'06/02	440
ROVER		Ibiza III (6K1) '08/99-'02/02	426	Alto IV (FF) '06/02-	440
100 (METRO) (Xp) '03/90-'12/98	408	Ibiza IV (6L1) '02/02-	426	Baleno (EG), SW '07/95-	440
200 (RF) '11/95-'03/00	410	Leon I (1M1) '11/99-'09/05	426	Cappucino '02/92-'08/95	440
200 (XH) '03/85-'09/89	410	Leon II (1P1) '09/05-	426	Grand Vitara (FT, GT) '03/98-	440
200 (XW) '10/89-'11/99	410	Malaga (023A) '11/84-'12/93	428	Ignis I (FH) '10/00-'09/03	440
2000-3500 (SD1) '06/76-'10/86	410	Marbella (28) '08/86-'10/98	428	Ignis II '09/03-	440
25 (RF) '10/99-	410	Panda (141A) '10/80-'08/98	428	Jimny (FJ) '09/98-	440
400 (RT) '05/95-'03/00	410	Ritmo (138) '07/78-'09/83	428	Liana (ER), SW '07/01-	440
400 (XW) '04/90-'11/98	410	Ronda (022A) '06/82-'11/88	428	Mighty Boy '01/80-	442
45 (RT) '02/00-	412	Terra (24) '02/87-'12/96	428	SJ 410 '09/81-'12/90	442
600 (RH) '08/93-'02/99	412	Toledo I (1L) '05/91-'03/99	428	SJ 413 '09/84-'08/90	442
75 (R,J), SW '02/99-	412	Toledo II (1M2) '04/99-'09/04	430	SX4 '06/06-	442
800 '10/86-'02/99	412	Toledo III (5P2) '10/04-	430	Samurai (SJ) '11/88-	442
A40 '01/61-'12/67	412	SEAT LCV		Swift I (AA) '10/83-'12/89	442
Acclaim '01/82-'12/85	412	Inca (6K9) '11/95-	430	Swift II (AH, AJ, EA, MA) '03/89-'05/01	442
Allegro (ADO 67) '05/73-	412	Marbella (028A) Van '01/87-'12/93	430	Swift III (SG) '09/05-	442
Coupe '03/96-'11/99	412	Terra (024A) Van '01/87-'12/95	430	Vitara (ET, TA) '07/88-'03/99	442
MG TF '03/02-	414	SKODA		Wagon R+ I (EM) '02/93-'05/00	442
MG ZR '06/01-	414	105 (744) '08/76-'12/90	430	Wagon R+ II (MM) '05/00-	442
MG ZS '07/01-	414			X-90 (EL) '09/95-	442
MG ZT '06/01-	414				
MGF (RD) '03/95-'03/02	414				
Maestro I (XC) '03/83-'09/90	414				

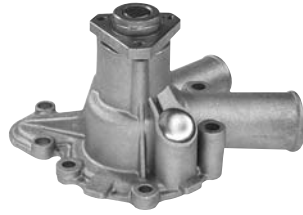
MAKE - MODEL	PAGE	MAKE - MODEL	PAGE	MAKE - MODEL	PAGE
SUZUKI LCV		Starlet I (P), SW '11/74-'08/78	458	Caddy II (9U7) Pick-Up '11/95-'02/04	510
Carry I (ST90V) Van '11/80-'10/85	442	Starlet II (P6) '02/78-'09/84	458	Caddy III (2KA, KB) '03/04-	510
Carry II (ED) Bus '09/94-'03/99	444	Starlet III (P7) '10/84-'12/89	458	Crafter (2E) '04/06-	510
TALBOT		Starlet IV (P8) '12/89-'03/96	460	LT I 28-35 (281-363) '04/75-'06/96	510
1307-1510 '07/75-'04/84	444	Starlet V (P9) '04/96-'03/99	460	LT I 40-55 (291-293-512-909) '04/75-'06/96	510
Alpine '01/75-	444	Tercel II (L3) '05/86-'06/90	460	LT II 28-46 (2DX0AE, FE, 2DM) '05/96-	512
Horizon '02/78-'06/86	444	Tercel III (L4) '09/90-'12/94	460	Multivan V (7HM) '04/03-	512
Matra Bagheera (X) '01/74-'09/80	444	Yaris I (CP10) '04/99-	460	Polo Van (6NF) '10/94-	512
Murena '09/80-'01/85	444	Yaris I (NC/LP2) Verso '11/99-	460	Polo Van (86CF) '01/81-'09/94	512
Rancho '01/77-'07/84	444	Yaris II '01/06-	462	Taro '04/89-'03/97	512
Samba (51A) '01/81-'10/86	444	TOYOTA LCV		Transporter II '08/67-'07/79	512
Solara '02/80-'07/86	444	Hiace II (H5) '03/83-'11/89	462	Transporter III '05/79-'07/92	512
Tagora '06/80-'12/87	444	Hiace III (H10) '08/89-'08/95	462	Transporter IV '07/90-	514
TOYOTA		Hiace IV (H1, H2) '08/95-	462	Transporter V '04/03-	516
Avensis I (T22), SW '09/97-'03/03	444	Hilux (N) '01/72-'01/89	462	VOLVO	
Avensis II (T25), SW '04/03-	446	Hilux Pick-Up (N) '01/84-	462	140 (142, 144, 145), SW '08/66-'08/75	516
Avensis Verso '08/01-	446	Liteace I '10/79-'01/95	462	240 (P242, 244, 245), SW '08/74-'08/93	516
Aygo '10/05-	446	Modell F (R2, 31) Bus '11/82-'01/90	462	260 (P262, 264, 265), SW '08/74-'07/82	518
Camry (V1)/ Vista/ Scepter '02/83-'08/96	446	VOLKSWAGEN		340-360 (343, 345, 344) '08/75-'07/91	518
Camry (V2), SW '10/86-'05/91	446	Bora (1J2, 1J6), Variant '10/98-	462	440 K (445) '08/88-'12/96	518
Camry (V30) '11/01-	446	Corrado (53I) '09/88-'12/95	464	460 L (464) '09/88-'07/96	518
Carina I (TA4, TA6), SW '08/77-'02/87	446	Derby I (86) '02/77-'12/81	464	480 E '04/86-'07/96	520
Carina I (TA4, TA6), SW '08/77-'02/87	446	Derby II (86C, 80) '08/81-'12/88	464	66, SW '10/75-'11/79	520
Carina II (T15) '10/83-'11/87	446	Eos '03/06-	466	740 (744, 745) '08/83-'08/92	520
Carina II (T17), SW '12/87-'06/93	446	Fox (5Z1) '04/05-	466	740 (744, 745) SW '08/84-'08/92	520
Carina III E (T19), SW '04/92-'09/97	448	Golf I (17, 155) '04/74-'04/93	466	760 (704, 764, 765) '08/81-'07/92	522
Celica I (TA2) '05/73-'03/78	448	Golf II (19E, 1G1) '08/83-'12/92	468	760 (704, 764, 765) SW '08/81-'07/92	522
Celica II (TA60, RA40, RA6) '08/77-'10/86	448	Golf III (1H1) '10/91-'04/99	472	850 (LS, LW), SW '06/91-'12/96	522
Celica III (T16) '08/85-'08/90	448	Golf III (1H5) Variant '10/91-'04/99	474	940 I (944, 945), SW '08/90-'07/95	522
Celica IV (T18) '10/89-'01/94	450	Golf IV (1J1, 5), Variant '08/97-'09/03	476	940 II (944, 945), SW '08/94-'10/98	522
Celica V (T20) '11/93-'11/99	450	Golf V (1K1) '10/03-	478	960 I (964, 965), SW '08/90-'07/94	522
Celica VI (ZZT23) '11/99-	450	Golf V Plus (1KP) '01/05-	478	960 II (964, 965), SW '07/94-'12/96	522
Corolla I (KE, TE) '11/66-'12/80	450	Ittis (183) '03/79-'12/88	478	C70 Coupe, Cabrio '03/97-	524
Corolla II (E7) '09/79-'09/83	452	Jetta I (17) '08/79-'12/83	480	P 121 '05/59-'05/71	524
Corolla III (E8) '05/83-'05/88	452	Jetta II (19E, 1G2) '01/84-'12/91	480	P 122 S Amazon '05/59-'05/71	524
Corolla IV (E9), SW, '08/87-'06/93	452	Jetta III (1KM) '08/05-	484	S40 I / V40 (VW, VS) '07/95-'01/04	524
Corolla V (E10), SW, '07/92-'04/97	452	Lupo (6X1, 6E1) '09/98-	484	S40 II / V50 '01/04-	524
Corolla VI (E11), SW, '04/97-'01/02	454	New Beetle (9C1, 1C1) '01/98-	484	S60 '11/00-	526
Corolla VII (E12J) Verso '01/02-'05/04	454	Passat I (32, 33), Variant '05/73-'07/80	484	S70 '01/97-'11/00	526
Corolla VIII Verso '04/04-	454	Passat II (32B), Variant '08/80-'03/88	486	S80 I '05/98-	526
Corona I (RX, RT) '12/75-'01/81	454	Passat III (3A2, 3A5, 35I), Variant '02/88-'05/97	488	S90 '01/97-'05/98	528
Corona II '01/82-'12/92	454	Passat IV (3B2, 3B5), Variant '08/96-'11/00	492	V70 I SW '01/97-'03/00	528
Cressida II (X6), SW '09/80-'03/85	456	Passat V (3B3, 3B6), Variant '11/00-'03/05	492	V70 II SW '03/00-	528
Cressida III (X7), SW '03/85-'01/88	456	Passat VI (3C2), Variant '03/05-	494	V90 SW '01/97-'12/98	528
Cressida IV (X8), SW '01/88-'01/93	456	Phaeton (3D2) '04/02-	494	XC70 Cross Country '09/00-	528
Crown (S1) '04/80-'12/94	456	Polo I (86) '03/75-'09/81	494	XC90 '10/02-	530
Dyna I 100 '08/77-'12/89	456	Polo II (86C, 80), Classic, Coupé '10/81-'09/94	494	ZASTAVA	
Dyna I 150 '08/77-'12/89	456	Polo III (6N1) '10/94-'10/99	496	101 (1100) '06/73-'12/93	530
Dyna II '08/88-'12/94	456	Polo III-IV (6KV2) Classic '11/95-'09/01	496	311 Van '01/83-'01/93	530
Land Cruiser III (J7) '11/84-	456	Polo IV (6KV5) Variant '05/97-'09/01	498	Yugo 45/55/65 '04/80-'06/95	530
Land Cruiser IV 80 (J8) '01/90-'12/97	456	Polo IV (6N2) '10/99-'09/01	498		
Land Cruiser VI 100 (J10) '01/98-	458	Polo V (9N) '10/01-	498		
MR 2 I (W1) '11/84-'06/90	458	Santana I (32, 33), Variant '05/73-'07/80	500		
MR 2 II (W2) '12/89-'05/00	458	Santana II (32B) '08/81-'12/84	500		
MR 2 III (W3) '04/00-	458	Scirocco I (53) '02/74-'07/80	502		
Paseo (EL54) '08/95-'07/99	458	Scirocco II (53B) '08/80-'07/92	502		
Picnic (XM10) '05/96-	458	Sharan (7M8, 7M9) '09/95-	504		
Previa I (TCR1, 2) '05/90-'08/00	458	Touareg (7LA) '10/02-	504		
Previa II (ACR3) '08/00-	458	Touran '02/03-	506		
Prius I (NHW11) '05/00-'01/04	458	Vento (1H2) '11/91-'09/98	506		
Prius II '01/04-	458	VOLKSWAGEN LCV			
Rav 4 I (SXA1) '06/94-'06/00	458	Caddy I (14) '08/82-'07/92	508		
Rav 4 II (XA2) '06/00-	458	Caddy II (9K9) '11/95-'01/04	508		
Rav 4 III '03/06-	458				
Sprinter I '01/74-'12/79	458				

<p>PA101</p>	<p>PA365</p>	<p>PA420A</p>	<p>PA492</p>
<p>PA494</p>	<p>PA496</p>	<p>PA621</p>	<p>PA631</p>
<p>PA659</p>	<p>PA667</p>	<p>PA671</p>	<p>PA672</p>
<p>PA673</p>	<p>PA802</p>	<p>PA901</p>	

		GRAF ref.			NOTE	Ad. OE
145, 146 (930) '07/94-'01/01						
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.AR38501/AR33503	10/96-01	PA621		•		60586222,60811328
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.AR67601/AR38201	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 i.e. 16v (106 kW) Eng.AR32201	98-01	PA621		•		60586222,60811328
1.8 i.e. 16v T.S. (103 kW) Eng.AR67106/AR38401	10/96-01	PA621		•		60586222,60811328
1.9 JTD (77 kW) Eng.AR32302	99-01	PA672		•		46432248,46515972,60814609,60815559
1.9 TD (66 kW) Eng.AR67501/AR33601	94-9/96	PA659			Eng. -1723043	60812262
	10/96-99	PA667			Eng. 1723044-	60812263
2.0 16v Quadrifoglio (114 kW) Eng.AR32301	98-01	PA621		•		60586222,60811328
2.0 16v T.S. (110 kW) Eng.AR67204	95-01	PA621		•		60586222,60811328
147 (937) '01/01-						
1.6 16v T.S. (88 kW) Eng.AR32104	01-	PA621		•		60586222,60811328
1.6 16v T.S. ECO (76 kW) Eng.AR37203	01-	PA621		•		60586222,60811328
1.9 JTD (74 kW) Eng.182B9	03-	PA672		•		46432248,46515972,60814609,60815559
1.9 JTD (85 kW) Eng.937A2.000	01-	PA672		•		46432248,46515972,60814609,60815559
1.9 JTD 16v (103 kW) Eng.192A5.000	02-	PA901		•		46804051
1.9 JTD 16v FRANCIA (93 kW) Eng.937A4.000	4/01-	PA901		•		46804051
1.9 JTD 16v BELGIO (100 kW) Eng.192B1.000	01-	PA901		•		46804051
1.9 JTDM 16V (110 kW) Eng.937A5.000	05-	PA901		•		46804051
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.932A0	2/03-	PA673				55192898,55198357,60604181,60630271 60668487,60813207,60816018
155 (167) '01/92-'01/98						
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
1.8 T.S. (95 kW) Eng.AR67101	92-93	PA494				60585358,60585362,60597487,71737985
1.8 T.S. Sport (93 kW) Eng.AR67102/AR67101	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 kW) Eng.AR67202	92-95	PA494				60585358,60585362,60597487,71737985
2.0 T.S. (106 kW) Eng.AR67201	92-93	PA494				60585358,60585362,60597487,71737985
2.0 T.S. 16v (110 kW) Eng.AR67204	95-97	PA621		•		60586222,60811328
2.5 TD (92 kW) Eng.VM07B	93-97	PA420A	•			60562567,60564004
2.5 TD (92 kW) Eng.VM31B	93-97	PA671	•		Impeller Ø 76mm	60778982,60778983
	93-97	PA802	•		Impeller Ø 71mm	60778982,60778983
2.5 V6 (120 kW) Eng.AR67303/AR67302	92-97	PA492				60559067,60579797
2.5 V6 (121 kW) Eng.AR67301	92-96	PA492				60559067,60579797
156 (932), Sportwagon '09/97-						
1.6 16v T.S. (88 kW) Eng.AR32104/67601/32103/32102	97-	PA631		•		60608898
1.8 16v T.S. (103 kW) Eng.AR32205	00-	PA631		•		60608898
1.8 16v T.S. (106 kW) Eng.AR32201	97-	PA621		•		60586222,60811328
1.9 JTD (77-81 kW) Eng.AR32302,AR37101	97-	PA672		•		46432248,46515972,60814609,60815559
1.9 JTD (85 kW) Eng.937A2.000	01-	PA672		•		46432248,46515972,60814609,60815559
1.9 JTD 16v (103 kW) Eng.192A5.000	02-	PA901		•		46804051
1.9 JTD 16v Q4 SW (110 kW) Eng.937A5.000	04-	PA901		•		46804051
2.0 16v T.S. (110-114 kW) Eng.AR32310,AR32301	00-02	PA621		•		60586222,60811328



PA293



PA345



PA346



PA347



PA420A



PA494



PA621



PA671



PA672



PA673



PA802



PA901



PA957



PA959



PA991

		GRAF ref.			NOTE	Ad. OE
2.0 JTS (122 kW) Eng.937A1.000	4/02-	PA621		•		60586222,60811328
2.4 JTD (100 kW) Eng.AR32501	97-00	PA672		•		46432248,46515972,60814609,60815559
2.4 JTD (103 kW) Eng.839A6.000	00-	PA672		•		46432248,46515972,60814609,60815559
2.4 JTD (110 kW) Eng.841C000	02-	PA672		•		46432248,46515972,60814609,60815559
2.4 JTD (129 kW) Eng.841G000	03-	PA901		•		46804051
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.932A000	02-	PA673				55192898,55198357,60604181,60630271 60668487,60813207,60816018

159, SW '09/05-

1.8 16v (103 kW) Eng.939A4.000	05-	PA959				71739779
1.9 JTDM 16v (110 kW) Eng.939A2.000	05-	PA901		•		46804051
1.9 JTDM 16v (Belgio) (100 kW) Eng.937A8.000	05-	PA901		•		46804051
1.9 JTDM 8v (88 kW) Eng.939A1.000	05-	PA672		•		46432248,46515972,60814609,60815559
1.9 JTDM 8v (Belgio) (85 kW) Eng.937A7.000	05-	PA672		•		46432248,46515972,60814609,60815559
1.9 JTS (118 kW) Eng.939A6.000	05-	PA957	•			71739401
2.2 GDi (136 kW) Eng.939A5.000	05-	PA957	•			71739401
2.4 JTDM (147 kW) Eng.939A3.000	05-	PA901		•		46804051
3.2 JTS Q4 (191 kW) Eng.939A0.000	05-	PA991				71741078,71747983

164 '06/87-'09/98

2.0 (102 kW)	87-92	PA345				195510702400/1,60513470,60565229 60743945
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 60555348,60561800,60564048,71737989
2.0 V6 T. (150 kW) Eng.AR64101	91-92	PA346				195320702402,60513151,60555347 60555348,60561800,60564048,71737989
2.5 TD (84 kW) Eng.VM84A	-9/89	PA347				195590702400,60513608,60555999
	10/89-	PA420A	•			60562567,60564004
2.5 TD (92 kW) Eng.VM32B/VM08B	92-98	PA671	•		Impeller Ø 76mm	60778982,60778983
	92-98	PA802	•		Impeller Ø 71mm	60778982,60778983
3.0 V6 (132 kW) Eng.AR66303/AR64305	92-98	PA346				195320702402,60513151,60555347 60555348,60561800,60564048,71737989
3.0 i.e. QV (147 kW) Eng.AR64301/AR06430	90-92	PA346				195320702402,60513151,60555347 60555348,60561800,60564048,71737989

166 (936) '09/98-

2.0 T.S. (110 kW) Eng.AR36301	00-	PA621		•		60586222,60811328
2.0 T.S. (114 kW) Eng.AR34103	98-00	PA621		•		60586222,60811328
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
2.4 JTD (103 kW) Eng.839A6.000	00-	PA672		•		46432248,46515972,60814609,60815559
2.4 JTD (110 kW) Eng.841C000	02-	PA672		•		46432248,46515972,60814609,60815559
2.4 JTD (129 kW) Eng.841G000	03-	PA901		•		46804051
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.936A000	03-	PA673				55192898,55198357,60604181,60630271 60668487,60813207,60816018



PA101



PA528

		GRAF ref.			NOTE	Ad. OE
33 I (905,A), Sportwagon '05/83-'12/93						
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)	83-89	PA101				532912,547815,60504407,60536055 60565727,60586467,60611459,60614390 60622295,60624553,71737986
1.3 (Exc. SW) (63 kW) Eng.AR30587/AR30168	84-89	PA101				532912,547815,60504407,60536055 60565727,60586467,60611459,60614390 60622295,60624553,71737986
1.3 i.e. (66 kW)	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 (70 kW) Eng.AR3051	84-89	PA101				532912,547815,60504407,60536055 60565727,60586467,60611459,60614390 60622295,60624553,71737986
1.5, 4WD (62 kW) Eng.AR30504/AR30143	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 (Exc. SW) (95 kW)	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
1.7, QV (84-87 kW) Eng.AR30550	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
33 II (907A,B), Sportwagon '01/90-'09/94						
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/AR30755/AR30753	91-94	PA101				532912,547815,60504407,60536055 60565727,60586467,60611459,60614390 60622295,60624553,71737986
1.5 (77 kW)	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



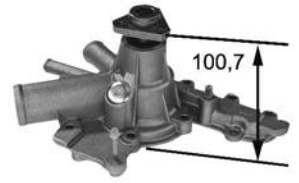
PA101



PA306



PA346



PA381



PA420A



PA453



PA557

		GRAF ref.			NOTE	Ad. OE
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) '04/79-'12/88						
2.0 (99 kW) Eng.AR01932	81-88	PA306				116460702400,119000702402,195150702400 195150702401,60534334,60534335 60534336,60555345,60700439,60703264
2.5 i.e. (110 kW) Eng.AR01928	83-86	PA306				116460702400,119000702402,195150702400 195150702401,60534334,60534335 60534336,60555345,60700439,60703264
2.5 i.e. (116 kW) Eng.AR01928	79-84	PA306				116460702400,119000702402,195150702400 195150702401,60534334,60534335 60534336,60555345,60700439,60703264
75 (162B) '01/85-'09/92						
1.6 (81 kW) Eng.AR61101/2	89-92	PA381				195360702400,60534758,60563626
1.6, Kat (81 kW) Eng.AR06100	85-92	PA557				113050702400,113050702401,117010702400 60518083,60523035
1.8 (85 kW) Eng.AR06202	85-89	PA557				113050702400,113050702401,117010702400 60518083,60523035
1.8 (88 kW) Eng.AR06168	88-92	PA557				113050702400,113050702401,117010702400 60518083,60523035
1.8 (90 kW) Eng.AR61201	89-92	PA381				195360702400,60534758,60563626
1.8 (95 kW)	89-92	PA381				195360702400,60534758,60563626
1.8 T. (110 kW) Eng.AR06134	86-92	PA557				113050702400,113050702401,117010702400 60518083,60523035
1.8 T. i.e. (114 kW) Eng.AR06158	86-90	PA557				113050702400,113050702401,117010702400 60518083,60523035
2.0 (94 kW) Eng.AR06212	85-88	PA557				113050702400,113050702401,117010702400 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				162060702401,162060702402,60533509 60561806
2.4 TD (82 kW) Eng.VM81A	89-92	PA453				162060702401,162060702402,60533509 60561806
2.5 V6 (115 kW) Eng.AR01911/AR01646	85-86	PA306				116460702400,119000702402,195150702400 195150702401,60534334,60534335 60534336,60555345,60700439,60703264
2.5 V6 Kat (113 kW) Eng.AR01648	86-89	PA306				116460702400,119000702402,195150702400 195150702401,60534334,60534335 60534336,60555345,60700439,60703264
3.0 V6 (141 kW) Eng.AR61503	90-92	PA346				195320702402,60513151,60555347 60555348,60561800,60564048,71737989
3.0 V6, Kat (136 kW) Eng.AR06120-AR06124	87-92	PA306				116460702400,119000702402,195150702400 195150702401,60534334,60534335 60534336,60555345,60700439,60703264
90 (162) '10/84-'07/87						
1.8 (85 kW) Eng.AR06202	84-87	PA557				113050702400,113050702401,117010702400 60518083,60523035
1.8 (89 kW)	84-87	PA557				113050702400,113050702401,117010702400 60518083,60523035
2.0 i.e. (94 kW) Eng.AR06212/AR01713	84-87	PA557				113050702400,113050702401,117010702400 60518083,60523035
2.0 i.e. (97 kW) Eng.AR06210	84-87	PA306				116460702400,119000702402,195150702400 195150702401,60534334,60534335 60534336,60555345,60700439,60703264
2.4 TD (81 kW) Eng.VM81A	2/87-7/87	PA453				162060702401,162060702402,60533509 60561806



PA098



PA101



PA171



PA257



PA306

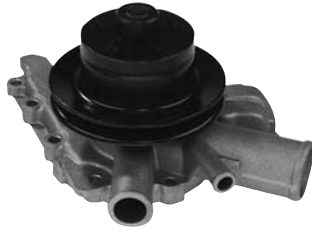


PA557

		GRAF ref.			NOTE	Ad. OE
2.5 i.e. V6 (110-114 kW) Eng.AR01911/AR01646	84-87	PA306				116460702400,119000702402,195150702400 195150702401,60534334,60534335 60534336,60555345,60700439,60703264
Alfasud (901) '06/72-'12/84						
1.2 (44 kW) Eng.AR30102S	80-84	PA101				532912,547815,60504407,60536055 60565727,60586467,60611459,60614390 60622295,60624553,71737986
1.2 ti (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 SC/ti Super (55 kW) Eng.AR30164	77-84	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 ti (55 kW) Eng.AR30184	77-84	PA101			Ch 5051904-	532912,547815,60504407,60536055 60565727,60586467,60611459,60614390 60622295,60624553,71737986
1.3 ti (63 kW) Eng.AR30168	80-84	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 ti (61 kW) Eng.AR30124	79-84	PA101			Ch 5051904-	532912,547815,60504407,60536055 60565727,60586467,60611459,60614390 60622295,60624553,71737986
1.5 ti (70 kW) Eng.AR30128	80-84	PA101			Ch 5051904-	532912,547815,60504407,60536055 60565727,60586467,60611459,60614390 60622295,60624553,71737986
1.5 ti Sprint (77 kW) Eng.AR30146	83-84	PA101			Ch 5051904-	532912,547815,60504407,60536055 60565727,60586467,60611459,60614390 60622295,60624553,71737986
Alfasud Sprint (902.A) '09/76-'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 (77 kW) Eng.AR30146	83-87	PA101				532912,547815,60504407,60536055 60565727,60586467,60611459,60614390 60622295,60624553,71737986
1.5 Veloce (75 kW)	83-87	PA101				532912,547815,60504407,60536055 60565727,60586467,60611459,60614390 60622295,60624553,71737986
Alfetta (116) '01/74-'01/86						
1.6, GT (79 kW) Eng.AR01600	75-77	PA171			w/CM	116080702400,116080702401,116080702402 116090702400,60725124,60725766
	78-84	PA257				116550702400,60730469
	78-84	PA557				113050702400,113050702401,117010702400 60518083,60523035
1.8 (90 kW) Eng.AR01678	79-84	PA257				116550702400,60730469



PA051



PA086



PA101



PA171



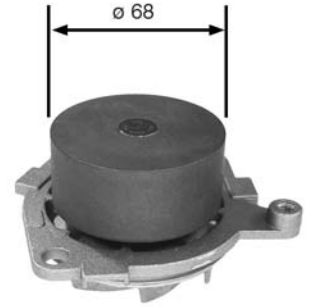
PA257



PA557



PA621



PA631



PA673



PA901



PA957



PA991

		GRAF ref.			NOTE	Ad. OE
1.8 (90 kW) Eng.AR01678	79-84	PA557				113050702400,113050702401,117010702400 60518083,60523035
1.8, GT (85 kW) Eng.AR01608X	74-77	PA171			w/CM	116080702400,116080702401,116080702402 116090702400,60725124,60725766
1.8, GT (89 kW) Eng.AR01608	74-77	PA171			w/CM	116080702400,116080702401,116080702402 116090702400,60725124,60725766
	78-84	PA257				116550702400,60730469
	78-84	PA557				113050702400,113050702401,117010702400 60518083,60523035
2.0, GT (89 kW) Eng.AR01623	77-86	PA257				116550702400,60730469
	77-86	PA557				113050702400,113050702401,117010702400 60518083,60523035
2.0, GT (97 kW) Eng.AR01655/AR01713/AR10520	77-84	PA257				116550702400,60730469
	77-84	PA557				113050702400,113050702401,117010702400 60518083,60523035

Arna (920) '03/83-'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)	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 '01/06-

2.2 JTS/GDi (136 kW) Eng.939A5.000	06-	PA957	•			71739401
2.4 JTD 20v (147 kW) Eng.939A3.000	06-	PA901		•		46804051
3.2 JTS Q4 (191 kW) Eng.939A0.000	06-	PA991				71741078,71747983

GT (105-115) '03/63-'12/77

1.3 Junior (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)	65-70	PA051				105260702400,105440702400,60712573
1750 V (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 TS (103 kW) Eng.A32205	03-	PA631		•		60608898
1.9 JTD (110 kW) Eng.937A5	03-	PA901		•		46804051
2.0 JTS (121 kW) Eng.932A2/937A1	03-	PA621		•		60586222,60811328
3.2 GTA (176 kW) Eng.936A000	03-	PA673				55192898,55198357,60604181,60630271 60668487,60813207,60816018

GTV (116) '01/78-'02/87

2.0 (94-96 kW) Eng.AR01655/AR06212	-12/78	PA171			w/CM	116080702400,116080702401,116080702402 116090702400,60725124,60725766
2.0 T.delta (111 kW)	78-80	PA257				116550702400,60730469
	78-80	PA557				113050702400,113050702401,117010702400 60518083,60523035



PA051



PA086



PA171



PA257



PA306



PA381



PA492



PA557



PA621



PA673



PA892

		GRAF ref.			NOTE	Ad. OE
2.5 (116 kW) Eng.AR01646	80-87	PA306				116460702400,119000702402,195150702400 195150702401,60534334,60534335 60534336,60555345,60700439,60703264

GTV (916C) '06/95-

1.8 T.S. 16v (106 kW) Eng.AR32201	98-	PA621		•		60586222,60811328
2.0 JTS (121 kW) Eng.937A1.000	03-	PA621		•		60586222,60811328
2.0 T.S. 16v (110 kW) Eng.AR32310/AR16201	95-	PA621		•		60586222,60811328
2.0 T.S. 16v (114 kW) Eng.AR32301	98-00	PA621		•		60586222,60811328
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

Giulia '06/64-'12/78

1.3 Super, GT (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 Super (71 kW)	64-69	PA051				105260702400,105440702400,60712573
1.6 Super, GT (76 kW) Eng.AR00526	74-78	PA086				105120702400,105480702400,60711594

Giulietta (116) '10/77-'12/85













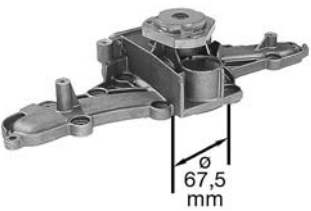



1.3 (66 kW) Eng.AR01644	77-83	PA257				116550702400,60730469
	77-83	PA557				113050702400,113050702401,117010702400 60518083,60523035
1.6 (79 kW) Eng.AR01600	77-85	PA257				116550702400,60730469
	77-85	PA557				113050702400,113050702401,117010702400 60518083,60523035
1.8 (90 kW) Eng.AR01678	79-85	PA257				116550702400,60730469
	79-85	PA557				113050702400,113050702401,117010702400 60518083,60523035
1.8 T. (110 kW) Eng.AR01354	84-85	PA257				116550702400,60730469
	84-85	PA557				113050702400,113050702401,117010702400 60518083,60523035
2.0 (96 kW) Eng.AR11671/AR01655	80-85	PA257				116550702400,60730469
	80-85	PA557				113050702400,113050702401,117010702400 60518083,60523035
2.0 T. (125 kW) Eng.AR01699	83-84	PA257				116550702400,60730469
	83-84	PA557				113050702400,113050702401,117010702400 60518083,60523035

Spider (105) '03/66-'12/77

1.3 (64 kW) Eng.AR00530	68-72	PA051				105260702400,105440702400,60712573
	72-77	PA086			w/CM	105120702400,105480702400,60711594
1.6 (80 kW) Eng.AR01600/AR00526/AR00536	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			w/CM	105120702400,105480702400,60711594

Spider (115) '03/71-'12/93

1.6 (76 kW) Eng.AR00526	76-80	PA257				116550702400,60730469
	76-80	PA557				113050702400,113050702401,117010702400 60518083,60523035
1.6 (79 kW) Eng.AR01563	90-93	PA557				113050702400,113050702401,117010702400 60518083,60523035
1.6 (80 kW) Eng.AR00536	71-77	PA171				116080702400,116080702401,116080702402 116090702400,60725124,60725766
	77-79	PA257				116550702400,60730469
	77-79	PA557				113050702400,113050702401,117010702400 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				113050702400,113050702401,117010702400 60518083,60523035
	89-93	PA381				195360702400,60534758,60563626

			
PA102	PA103	PA145	PA146
		 <p>19,5</p>	
PA178	PA233	PA275	PA279
			 <p>ø 71</p>
PA492	PA546	PA579	PA621
 <p>ø 67,5 mm</p>			
PA892	PA901	PA957	PA991

		GRAF ref.			NOTE	Ad. OE
Spider (916S) '06/95-						
1.8 16v (106 kW) Eng.AR32201	98-	PA621		•		60586222,60811328
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
2.0 T.S. 16v (114 kW) Eng.AR32301	98-00	PA621		•		60586222,60811328
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 kW) Eng.AR16105	00-	PA892				55198358,60668486
3.2 V6 24v (176 kW) Eng.936A6.000	03-	PA892				55198358,60668486
Spider (939) '07/06-						
2.2 JTS (136 kW) Eng.939A5.000	06-	PA957	•			71739401
2.4JTDm (147 kW) Eng.939A3.000	07-	PA901		•		46804051
3.2 JTS (191 kW) Eng.939A0000	06-	PA991				71741078,71747983

ALFA ROMEO LCV

AR 6 (280) '01/82-'08/90						
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

AUDI

100 I (C1) '11/68-'07/76						
1.6 (63 kW) Eng.YM	75-76	PA145				059 121 011B/C/D/F
1.8 (59 kW)	68-71	PA145				059 121 011B/C/D/F
1.8 (63 kW) Eng.ZU	71-74	PA145				059 121 011B/C/D/F
1.8 (66 kW)	68-71	PA145				059 121 011B/C/D/F
1.8 LS (74 kW) Eng.ZZ	70-76	PA145				059 121 011B/C/D/F
1.9 Coupe (85 kW) Eng.ZP	70-71	PA145				059 121 011B/C/D/F
1.9 GL (82 kW) Eng.ZJ	70-76	PA145				059 121 011B/C/D/F
1.9 GL Coupe (82 kW) Eng.ZJ	70-76	PA145				059 121 011B/C/D/F
100 II (43, C2), Avant '06/76-'07/83						
1.6 (63 kW) Eng.YV	76-83	PA146			Ch -F43B070000	056 121 005A,068 121 005/B/C/X
	76-83	PA546			Ch -F43B070000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	76-83	PA279	•		Ch F43B070001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	76-83	PA579			w/BH, Ch F43B070001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
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	PA102	•			069 121 004/V/X,069 121 005D
2.0 TD (63 kW) Eng.DE	78-83	PA102	•			069 121 004/V/X,069 121 005D
2.1 (85 kW) Eng.WE/WB	77-83	PA103	•		Ch F43A0090246-	035 121 004/A/AV/AX,035 121 005E
2.1 (100 kW) Eng.WG/WC	77-83	PA103	•			035 121 004/A/AV/AX,035 121 005E
100 III (44, 44Q, C3), Avant '08/82-'07/91						
1.8 (55 kW) Eng.RS/DR	82-87	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	82-87	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (65 kW) Eng.SH	86-90	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-90	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (66 kW) Eng.NP/JW	83-89	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	83-89	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX



PA102



PA103



PA279




PA383



PA422



PA579

		GRAF ref.	 	NOTE	Ad. OE
1.8 Kat (66 kW) Eng.4B/PH	85-90	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	85-90	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 quattro (65 kW) Eng.SH	86-90	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-90	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 quattro (66 kW) Eng.NP/JW	83-89	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	83-89	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 quattro Kat (66 kW) Eng.4B/PH	85-90	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	85-90	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
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	PA102	•		069 121 004/V/X,069 121 005D
2.0 Kat (85 kW) Eng.RT	-05/88	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	PA102	•		069 121 004/V/X,069 121 005D
2.0 TD (74 kW) Eng.NC	-05/90	PA102	•	Ch -F44L100000	069 121 004/V/X,069 121 005D
	5/90-	PA422	•	Ch F44L100001-	046 121 004/V/X
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 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 T. quattro (139-146 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 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, 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
2.3 (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. -063 968	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. -063 968	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	-05/90	PA102	•	Ch -F44L100000	069 121 004/V/X,069 121 005D
	5/90-	PA422	•	Ch F44L100001-	046 121 004/V/X
2.5 TDI (88 kW) Eng.1T	1/90-11/90	PA422	•		046 121 004/V/X

100 IV (4A, C4), Avant '12/90-'06/94

2.0 (74 kW) Eng.AAE	90-94	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	90-94	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 E (85 kW) Eng.AAD/ABK	90-94	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	90-94	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX



PA103



PA146



PA148



PA279



PA383



PA546



PA579



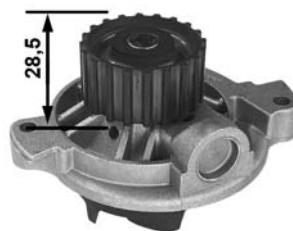
PA591



PA592



PA657



PA662



PA757



PA758

		GRAF ref.			NOTE	Ad. OE
2.0 E 16v, quattro (Exc. Avant) (102 kW) Eng.ACE	92-94	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	92-94	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 E quattro (85 kW) Eng.AAD/ABK	90-94	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	90-94	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
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	•		w/RB	074 121 004/AV/X,074 121 005N
2.5 TDI (85 kW) Eng.ABP/AAT	90-94	PA662	•			046 121 004D/DV/DX
2.6 (102 kW) Eng.ACZ	93-94	PA592	•			078 121 004B/BV/BX/C/CV/CX
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
2.8 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-'09/82

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 '08/83-'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) '08/74-'07/78

0.8 (25 kW) Eng.HE	76-78	PA148	•			052 121 004/V/X,052 121 005/A 052 121 019
1.1 (37 kW) Eng.HB	74-78	PA148	•			052 121 004/V/X,052 121 005/A 052 121 019
1.1 (44 kW) Eng.HC	74-77	PA148	•			052 121 004/V/X,052 121 005/A 052 121 019
1.3 (43 kW) Eng.HJ	77-78	PA148	•			052 121 004/V/X,052 121 005/A 052 121 019
1.3 (44 kW) Eng.HH	77-78	PA148	•			052 121 004/V/X,052 121 005/A 052 121 019

80 I (80, 82, B1) '05/72-'08/78

1.3 (40 kW) Eng.ZA	72-78	PA146				056 121 005A,068 121 005/B/C/X
	72-78	PA546				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 005A,068 121 005/B/C/X
	72-78	PA546				026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010



PA146



PA148



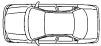



PA279



PA546



PA579

		GRAF ref.			NOTE	Ad. OE
1.5 (55 kW) Eng.YJ/ZB	72-75	PA146				056 121 005A,068 121 005/B/C/X
	72-75	PA546				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	72-76	PA146				056 121 005A,068 121 005/B/C/X
	72-76	PA546				026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
1.5 GL-LS-S	76-78	PA146				056 121 005A,068 121 005/B/C/X
	76-78	PA546				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 005A,068 121 005/B/C/X
	75-78	PA546				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 005A,068 121 005/B/C/X
	75-78	PA546				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 005A,068 121 005/B/C/X
	73-76	PA546				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 005A,068 121 005/B/C/X
	76-78	PA546				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) '08/78-'12/86

1.2 (40 kW) Eng.FY	78-81	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.2 (44 kW) Eng.FZ	78-81	PA148		•		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,037 121 005C 068 121 005A
	81-86	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (51 kW) Eng.YT/YY	78-81	PA146				056 121 005A,068 121 005/B/C/X
	78-81	PA546				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,037 121 005C 068 121 005A
	83-86	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (55 kW) Eng.WZ	79-80	PA146				056 121 005A,068 121 005/B/C/X
	79-80	PA546				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/WV/FS	78-81	PA146			Ch -F81B149000	056 121 005A,068 121 005/B/C/X
	78-81	PA546			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,037 121 005C 068 121 005A
	81-86	PA579			w/BH, Ch F81B149001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (63 kW) Eng.YG/YH/YK	78-80	PA146				056 121 005A,068 121 005/B/C/X
	78-80	PA546				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 005A,068 121 005/B/C/X
	78-81	PA546			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,037 121 005C 068 121 005A
	81-83	PA579			w/BH, Ch F81B149001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 D (40 kW) Eng.CR	80-81	PA146			Ch -F81B149000	056 121 005A,068 121 005/B/C/X
	80-81	PA546			Ch -F81B149000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010



PA103



PA146



PA279



PA546



PA579

		GRAF ref.	 	NOTE	Ad. OE
1.6 D (40 kW) Eng.CR	81-86	PA279	•	Ch F81B149001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	81-86	PA579		w/BH, Ch F81B149001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 D (40 kW) Eng.JK	82-86	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	82-86	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 GLE (81 kW) Eng.YZ	79-81	PA146		Ch -F81B149000	056 121 005A,068 121 005B/C/X
	79-81	PA546		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,037 121 005C 068 121 005A
	81-86	PA579		w/BH, Ch F81B149001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 TD (51 kW) Eng.CY	81-86	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	81-86	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.7 (58 kW) Eng.WT	80-81	PA146		Ch -F81B149000	056 121 005A,068 121 005B/C/X
	80-81	PA546		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,037 121 005C 068 121 005A
	81-83	PA579		w/BH, Ch F81B149001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (65 kW) Eng.SF	86-86	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-86	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (66 kW) Eng.DS	83-86	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	83-86	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 CC quattro (66 kW) Eng.NE	84-86	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	84-86	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GTE, quattro (81 kW) Eng.PV	85-86	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	85-86	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GTE, quattro (82 kW) Eng.DZ	84-86	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	84-86	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8, quattro (68 kW) Eng.JN	83-86	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	83-86	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
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.JS/HP	83-84	PA103	•		035 121 004/A/AV/AX,035 121 005E
2.2 (85 kW) Eng.WE	80-83	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 (100 kW) Eng.KK	82-84	PA103	•		035 121 004/A/AV/AX,035 121 005E



PA279



PA579

		GRAF ref.		NOTE	Ad. OE
80 III (89, 89Q, 8A, B3) '08/86-'07/92					
1.6 (51 kW) Eng.PP	87-91	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	87-91	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (55 kW) Eng.RN	86-91	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-91	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (75 kW) Eng.ABB	90-91	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	90-91	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 D (40 kW) Eng.JK	86-91	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-91	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 TD (59 kW) Eng.RA/SB	86-91	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-91	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (55 kW) Eng.RU	86-90	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-90	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (83 kW) Eng.SD	86-90	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-90	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 E (82 kW) Eng.DZ	86-91	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-91	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 E quattro (82 kW) Eng.DZ	86-91	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-91	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 S (65 kW) Eng.SF	86-90	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-90	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 S (66 kW) Eng.JN/NE/PM	86-91	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-91	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 S quattro (65 kW) Eng.SF	86-90	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-90	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 S quattro (66 kW) Eng.JN/NE/PM	86-91	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A



PA103



PA279



PA383



PA579

		GRAF ref.			NOTE	Ad. OE
1.8 S quattro (66 kW) Eng.JN/NE/PM	86-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 quattro (83 kW) Eng.SD	86-90	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-90	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9	86-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 D (50 kW) Eng.1Y	89-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	89-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 quattro	86-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 (85 kW) Eng.AAD	90-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	90-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 E (83 kW) Eng.3A	88-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	88-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 E 16v (101 kW) Eng.6A	90-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	90-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 E 16v quattro (101 kW) Eng.6A	90-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	90-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 E quattro (83 kW) Eng.3A	88-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	88-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 quattro (85 kW) Eng.AAD	90-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	90-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.3 E quattro	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 '09/91-'01/96

1.6 (52 kW) Eng.ABM	91-94	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-94	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 E (74 kW) Eng.ADA	93-96	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A



PA103



PA279



PA383



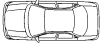



PA579



PA591



PA592

		GRAF ref.	 	NOTE	Ad. OE
1.6 E (74 kW) Eng.ADA	93-96	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 TD (55 kW) Eng.AAZ	91-94	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-94	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 TDI (66 kW) Eng.1Z	91-96	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-96	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 (66 kW) Eng.ABT	91-96	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-96	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 E (85 kW) Eng.ABK	91-96	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-96	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 E 16v (103 kW) Eng.ACE	92-96	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	92-96	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 E 16v quattro (103 kW) Eng.ACE	92-96	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	92-96	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 E quattro (85 kW) Eng.ABK	91-96	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-96	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
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-'03/87					
1.6 TD (51 kW) Eng.CY	85-87	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	85-87	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 (83 kW) Eng.SK	86-87	PA103	•		035 121 004/A/AV/AX,035 121 005E
2.0 (85 kW) Eng.JS/HP	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 (100 kW) Eng.KV/HY	84-87	PA103	•		035 121 004/A/AV/AX,035 121 005E
2.2 E quattro (88 kW) Eng.JT	85-87	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
90 II (89, 89Q, 8A, B3) '04/87-'09/91					
1.6 TD (59 kW) Eng.RA/SB	87-91	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	87-91	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX

			
<p>PA103</p>	<p>PA383</p>	<p>PA655</p>	<p>PA674</p>
 <p>Girante Turbina Turbine impeller</p>	 <p>28,5 Ø 64</p>	 <p>ø 60</p>	 <p>33,5 Ø 64</p>
<p>PA679</p>	<p>PA731</p>	<p>PA761</p>	<p>PA762</p>
		 <p>7 Pale / Vane</p>	 <p>8 Pale / Vane</p>
<p>PA765</p>	<p>PA779</p>	<p>PA878</p>	<p>PA879</p>
 <p>8 Pale / Vane</p>	 <p>8 Pale / Vane</p>	 <p>Ø 59</p>	
<p>PA904</p>	<p>PA905</p>	<p>PA954</p>	<p>PA980</p>

		GRAF ref.			NOTE	Ad. OE
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 (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 (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 20V quattro (123-125 kW) Eng.7A	88-91	PA383			•	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 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
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

A2 (8Z0) '02/00-

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.BBY/AUA	00-	PA674			•	036 121 005B/E/Q/QX/S,036 121 008K
1.4 TDI (55 kW) Eng.AMF	00-	PA761			• Ch -8Z2070000	045 121 011B
	00-	PA879			• Ch 8Z2070001-	045 121 011F/H
1.4 TDI (66 kW) Eng.ATL	03-	PA761			• Ch -873000001	045 121 011B
	03-	PA879			• Ch 873000001-	045 121 011F/H
1.6 FSI (81 kW) Eng.BAD	02-	PA765			•	036 121 005F/P,036 121 008G

A3 I (8L1) '09/96-'04/03

1.6 (74 kW) Eng.AEH/AKL/APF	96-00	PA904			•	06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 (75 kW) Eng.BFQ/AVU	8/00-4/03	PA904			•	06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.8 S3 quattro (154 kW) Eng.AUL/APY/AMK	99-03	PA655			•	06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 S3 quattro (165 kW) Eng.BAM	01-03	PA655			•	06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 T, quattro (110 kW) Eng.ARZ/AQA/AGU/AUM/ARX	96-4/03	PA655			•	06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 T, quattro (132 kW) Eng.AJQ/AUQ/APP/ARY	98-4/03	PA655			•	06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 T, quattro (132 kW) Eng.AJL	00-4/03	PA679				026 121 005F/K/L
	00-4/03	PA779			w/BH	050 121 010/A/AV/AX/C/X
1.8, quattro (92 kW) Eng.AGN/APG	96-4/03	PA655			•	06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 TDI (66 kW) Eng.ALH/AGR	96-01	PA731			•	038 121 011/A/AV/AX
1.9 TDI (74 kW) Eng.AXR/ATD	00-4/03	PA762			• Ch -8LZ2150000	038 121 011C/D
	00-4/03	PA878			• Ch 8LZ33000001-	038 121 011G
1.9 TDI (81 kW) Eng.AHF/ASV	97-01	PA731			•	038 121 011/A/AV/AX
1.9 TDI, quattro (96 kW) Eng.ASZ	8/00-4/03	PA905			•	038 121 011H,03G 121 011

A3 II (8P1), Sportback '05/03-

1.6 (75 kW) Eng.BGU	5/03-	PA904			•	06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 FSI (85 kW) Eng.BAG/BLP/BLF	03-	PA954				03C 121 005D
1.9 TDI (77 kW) Eng.BKC	5/03-	PA879			•	045 121 011F/H
2.0 FSI (110 kW) Eng.BHD/BLX/BMB/AXW/BLY/BVZ/BVY/BLR	5/03-	PA904			•	06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 T FSI, quattro (147 kW) Eng.AXX	04-	PA980			•	06A 121 011R,06F 121 011
2.0 TDI, quattro (100 kW) Eng.AZV	5/03-	PA905			•	038 121 011H,03G 121 011
2.0 TDI, quattro (103 kW) Eng.BKD	5/03-	PA905			•	038 121 011H,03G 121 011
2.0 TDI, quattro (125 kW) Eng.BMN	06-	PA905			•	038 121 011H,03G 121 011



PA279



PA579



PA609



PA618A



PA655



girante/impeller
h 27,65mm on ø 55

PA675



Girante Turbina
Turbine impeller

PA679



PA762



PA763



PA779



girante/impeller
h 28,65 mm on ø 55

PA868



7 Pale/ Vane

PA878



8 Pale / Vane

PA904

		GRAF ref.			NOTE	Ad. OE
A4 I (8D2, B5), Avant '01/95-'09/01						
1.6 (74 kW) Eng.ADP	95-00	PA679				026 121 005F/K/L
	95-00	PA779			w/BH	050 121 010/A/AV/AX/C/X
1.6i (74 kW) Eng.ARM/ANA/AHL	95-00	PA904	•			06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6i (75 kW) Eng.ALZ	00-00	PA904	•			06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.8 (85 kW) Eng.AFY	95-01	PA679				026 121 005F/K/L
	95-01	PA779			w/BH	050 121 010/A/AV/AX/C/X
1.8 (92 kW) Eng.APT/AVV/ARG/ADR	95-01	PA679				026 121 005F/K/L
	95-01	PA779			w/BH	050 121 010/A/AV/AX/C/X
1.8 T (110 kW) Eng.AEB/ANB/ARK/APU	95-01	PA679				026 121 005F/K/L
	95-01	PA779			w/BH	050 121 010/A/AV/AX/C/X
1.8 T quattro (110 kW) Eng.AEB/ANB/ARK/APU	95-01	PA679				026 121 005F/K/L
	95-01	PA779			w/BH	050 121 010/A/AV/AX/C/X
1.8 T, quattro (132 kW) Eng.AJL	97-9/01	PA679				026 121 005F/K/L
	97-9/01	PA779			w/BH	050 121 010/A/AV/AX/C/X
1.8 T. (110 kW) Eng.AWT	95-01	PA655	•			06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 T. quattro (110 kW) Eng.AWT	95-01	PA655	•			06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 quattro (85 kW) Eng.AFY	95-01	PA679				026 121 005F/K/L
	95-01	PA779			w/BH	050 121 010/A/AV/AX/C/X
1.8 quattro (92 kW) Eng.APT/AVV/ARG/ADR	95-01	PA679				026 121 005F/K/L
	95-01	PA779			w/BH	050 121 010/A/AV/AX/C/X
1.9 DUO Avant (66 kW)	98-01	PA609				028 121 004V/X
1.9 TDI (55 kW) Eng.AFF	95-01	PA609				028 121 004V/X
1.9 TDI (66 kW) Eng.1Z	95-01	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	95-01	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 TDI (66 kW) Eng.AHH/AHU	95-01	PA609				028 121 004V/X
1.9 TDI (81 kW) Eng.AVG/AFN	95-01	PA609				028 121 004V/X
1.9 TDI (85 kW) Eng.AJM/ATJ	00-01	PA762	•	Ch -8E2285000		038 121 011C/D
	00-01	PA878	•	Ch 8E2285001-		038 121 011G
1.9 TDI quattro (81 kW) Eng.AVG/AFN	95-01	PA609				028 121 004V/X
1.9 TDI quattro (85 kW) Eng.AJM/ATJ	00-01	PA762	•	Ch -8E2285000		038 121 011C/D
	00-01	PA878	•	Ch 8E2285001-		038 121 011G
2.4 (120 kW) Eng.AJG/APZ/AMM	97-01	PA618A	•			078 121 004H/HV/HX/J/JV/JX 078 121 004Q/QX,078 121 006
2.4 (121 kW) Eng.ALF/ARJ/APS/AGA/AML	97-01	PA618A	•			078 121 004H/HV/HX/J/JV/JX
						078 121 004Q/QX,078 121 006
2.4 quattro (120 kW) Eng.AJG/APZ/AMM	97-01	PA618A	•			078 121 004H/HV/HX/J/JV/JX
						078 121 004Q/QX,078 121 006
2.4 quattro (121 kW) Eng.ALF/ARJ/APS/AGA/AML	97-01	PA618A	•			078 121 004H/HV/HX/J/JV/JX
						078 121 004Q/QX,078 121 006
2.5 TDI (110 kW) Eng.AFB	97-01	PA675	•			059 121 004B/C/D
2.5 TDI (110 kW) Eng.AKN	97-01	PA868	•			059 121 004E
2.5 TDI quattro (110 kW) Eng.AFB	97-01	PA675	•			059 121 004B/C/D
2.5 TDI quattro (110 kW) Eng.AKN	97-01	PA868	•			059 121 004E
2.6 (110 kW) Eng.ABC	95-01	PA618A	•			078 121 004H/HV/HX/J/JV/JX
						078 121 004Q/QX,078 121 006
2.6 S4 quattro (195 kW) Eng.AGB	97-01	PA763	•			078 121 004L/R,078 121 006A
2.6 quattro (110 kW) Eng.ABC	95-01	PA618A	•			078 121 004H/HV/HX/J/JV/JX
						078 121 004Q/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 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
						078 121 004Q/QX,078 121 006
2.8 (142 kW) Eng.APR/ALG/AQD/AMX/ACK	96-01	PA618A	•			078 121 004H/HV/HX/J/JV/JX
						078 121 004Q/QX,078 121 006
2.8 quattro (128 kW) Eng.AAH	95-97	PA618A	•			078 121 004H/HV/HX/J/JV/JX 078 121 004Q/QX,078 121 006



PA618A



PA655



Girante Turbina
Turbine impeller

PA679



PA762



PA779



girante/impeller
h 28,65 mm on ø 55

PA868



7 Pale/ Vane

PA878



PA881



8 Pale / Vane

PA904



8 Pale / Vane

PA905









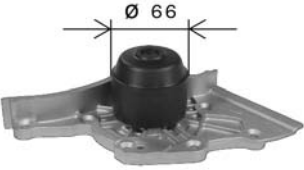
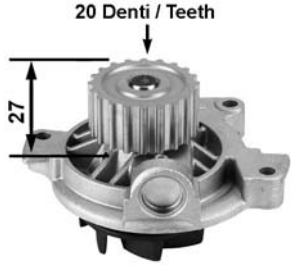




PA979



PA980

		GRAF ref.			NOTE	Ad. OE
2.8 quattro (142 kW) Eng.APR/ALG/AQD/AMX/ACK	96-01	PA618A		•		078 121 004H/HV/HX/JJ/JV/JX 078 121 004Q/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 06B 121 011CX/E/EV/EX/H/L
1.8 T, quattro (110 kW) Eng.AVJ	00-02	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 T, quattro (120 kW) Eng.BFB	02-04	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 T, quattro (140 kW) Eng.BEX	02-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 TDI (74 kW) Eng.AVB	01-04	PA762		•		038 121 011C/D
1.9 TDI (85 kW) Eng.BKE	04-04	PA762		•		038 121 011C/D
1.9 TDi (96 kW) Eng.AWX/AVF	00-04	PA762		•	Ch -8E2295000	038 121 011C/D
	00-04	PA878		•	Ch 8E2295001-	038 121 011G
1.9 TDi quattro (96 kW) Eng.AWX/AVF	00-04	PA762		•	Ch -8E2295000	038 121 011C/D
	00-04	PA878		•	Ch 8E2295001-	038 121 011G
2.0 (96 kW) Eng.ALT	00-04	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 FSI (110 kW) Eng.AWA	02-04	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.4 (120 kW) Eng.AMM	01-04	PA618A		•		078 121 004H/HV/HX/JJ/JV/JX 078 121 004Q/QX,078 121 006
2.4 (125 kW) Eng.BDV	01-04	PA618A		•		078 121 004H/HV/HX/JJ/JV/JX 078 121 004Q/QX,078 121 006
2.5 TDI (114 kW) Eng.AYM	01-02	PA868		•		059 121 004E
2.5 TDI (120 kW) Eng.BFC/BDG/BCZ	02-04	PA868		•		059 121 004E
2.5 TDI quattro (132 kW) Eng.BAU/BDH/AKE	01-04	PA868		•		059 121 004E
3.0, quattro (162 kW) Eng.ASN/AVK	00-04	PA881		•		06C 121 004C/G/H
A4 II Cabrio (8H7) '04/02-						
1.8 T, quattro (120 kW) Eng.BFB	02-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
2.0 (96 kW) Eng.ALT	04-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 TDI (103 kW) Eng.BPW	05-	PA878		•		038 121 011G
2.0 TFSI (147 kW) Eng.BWE	06-	PA980		•		06A 121 011R,06F 121 011
2.4 (120 kW) Eng.AMM	02-	PA618A		•		078 121 004H/HV/HX/JJ/JV/JX 078 121 004Q/QX,078 121 006
2.4 (125 kW) Eng.BDV	02-	PA618A		•		078 121 004H/HV/HX/JJ/JV/JX 078 121 004Q/QX,078 121 006
2.5 TDI (120 kW) Eng.BCZ/BDG/BFC	02-	PA868		•		059 121 004E
2.7 TDI (132 kW) Eng.BPP	06-	PA979				06E 121 005D/F
3.0 TDI quattro (171 kW) Eng.ASB	05-	PA979				06E 121 005D/F
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
A4 III (8EC), Avant '11/04-						
1.6 (75 kW) Eng.ALZ	04-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.8 T, quattro (120 kW) Eng.BFB	04-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 TDI (85 kW) Eng.BKE	04-	PA878		•		038 121 011G
2.0 (96 kW) Eng.ALT	04-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 TDI (103 kW) Eng.BPW/BLB	04-	PA905		•		038 121 011H,03G 121 011
2.0 TDI (Exc. Avant) (100 kW) Eng.BNA	04-	PA905		•		038 121 011H,03G 121 011
2.0 TFSI, quattro (147 kW) Eng.BGB	04-	PA980		•		06A 121 011R,06F 121 011
2.5 TDI (120 kW) Eng.BCZ/BDG	04-	PA868		•		059 121 004E
3.0 TDI quattro (150 kW) Eng.BKN	04-	PA979				06E 121 005D/F
3.2 FSI, quattro (188 kW) Eng.AUK	05-	PA979				06E 121 005D/F
A6 I (4A, C4), Avant '06/94-'02/97						
1.8, quattro (92 kW) Eng.ADR	95-97	PA679				026 121 005F/K/L
	95-97	PA779			w/BH	050 121 010/A/AV/AX/C/X

			
<p>PA279</p>	<p>PA579</p>	<p>PA591</p>	<p>PA592</p>
			 <p>Girante Turbina Turbine impeller</p>
<p>PA609</p>	<p>PA618A</p>	<p>PA655</p>	<p>PA679</p>
 <p>Ø 66</p>	 <p>20 Denti / Teeth 27</p>		 <p>8 Pale / Vane</p>
<p>PA757</p>	<p>PA758</p>	<p>PA779</p>	<p>PA904</p>

		GRAF ref.			NOTE	Ad. OE
1.9 TDI (66 kW) Eng.1Z	94-97	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	94-97	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
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,037 121 005C 068 121 005A
	94-97	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 (85 kW) Eng.ABK	94-97	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	94-97	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 16v (103 kW) Eng.ACE	94-97	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	94-97	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 16v quattro (103 kW) Eng.ACE	94-97	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	94-97	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
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	•		w/RB	074 121 004/A/V//X,074 121 005N
2.5 TDI, quattro (103 kW) Eng.AEL	94-97	PA758	•		w/RB	074 121 004/A/V//X,074 121 005N
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 078 121 004Q/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 078 121 004Q/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 078 121 004Q/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 078 121 004Q/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 078 121 004Q/QX,078 121 006
2.8, quattro (142 kW) Eng.ACK	95-97	PA618A	•			078 121 004H/HV/HX/J/JV/JX 078 121 004Q/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 '01/97-'02/05

1.8 (85 kW) Eng.AFY	97-05	PA679				026 121 005F/K/L
	97-05	PA779			w/BH	050 121 010/A/AV//AX/C/X
1.8 (92 kW) Eng.AJP/AQE/ARH	97-05	PA904	•			06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.8 T (110 kW) Eng.AEB/ANB/APU/ARK	97-05	PA679				026 121 005F/K/L
	97-05	PA779			w/BH	050 121 010/A/AV//AX/C/X
1.8 T (132 kW) Eng.AJL	97-05	PA679				026 121 005F/K/L
	97-05	PA779			w/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			w/BH	050 121 010/A/AV//AX/C/X
1.8 T quattro (132 kW) Eng.AJL	97-05	PA679				026 121 005F/K/L
	97-05	PA779			w/BH	050 121 010/A/AV//AX/C/X
1.8 T. (110 kW) Eng.AWT	97-05	PA655	•			06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012



PA592



PA609



PA618A



PA655



girante/impeller
h 27,65mm on ø 55

PA675



PA762



PA763



PA764



girante/impeller
h 28,65 mm on ø 55

PA868



7 Pale/ Vane

PA878



PA881



8 Pale / Vane

PA904



8 Pale / Vane

PA905



PA979

		GRAF ref.			NOTE	Ad. OE
1.8 T. quattro (110 kW) Eng.AWT	97-05	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 TDI (81 kW) Eng.AFN	97-05	PA609				028 121 004V/X
1.9 TDI (85 kW) Eng.AJM	00-05	PA762		•		038 121 011C/D
1.9 TDI (96 kW) Eng.AWX/AVF	01-05	PA762		•	Ch -4B2125000	038 121 011C/D
	01-05	PA878		•	Ch 4B2125001-	038 121 011G
2.0 (96 kW) Eng.ALT	01-05	PA904		•		06B 121 011A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/HL
2.0 16v quattro (103 kW)	97-05	PA905		•		038 121 011H,03G 121 011
2.4 (100 kW) Eng.ARN/ASM/ALW	98-05	PA618A		•		078 121 004H/HV/HX/J/JV/JX 078 121 004Q/QX,078 121 006
2.4 (121 kW) Eng.ALF/AGA/AML/APS/ARJ	97-05	PA618A		•		078 121 004H/HV/HX/J/JV/JX 078 121 004Q/QX,078 121 006
2.4 quattro (121 kW) Eng.ALF/AGA/AML/APS/ARJ	97-05	PA618A		•		078 121 004H/HV/HX/J/JV/JX 078 121 004Q/QX,078 121 006
2.4, quattro (115 kW) Eng.APC	97-05	PA618A		•		078 121 004H/HV/HX/J/JV/JX 078 121 004Q/QX,078 121 006
2.4, quattro (120 kW) Eng.AJG/AMM/APZ	97-05	PA618A		•		078 121 004H/HV/HX/J/JV/JX 078 121 004Q/QX,078 121 006
2.4, quattro (125 kW) Eng.BDV	01-05	PA618A		•		078 121 004H/HV/HX/J/JV/JX 078 121 004Q/QX,078 121 006
2.5 TDI (110 kW) Eng.AFB/AKN	97-05	PA675		•		059 121 004B/C/D
2.5 TDI (114 kW) Eng.AYM	01-05	PA868		•		059 121 004E
2.5 TDI (120 kW) Eng.BCZ/BFC/BDG	02-05	PA868		•		059 121 004E
2.5 TDI (132 kW) Eng.BDH/AKE/BAU	00-05	PA868		•		059 121 004E
2.5 TDI quattro (110 kW) Eng.AFB/AKN	97-05	PA675		•		059 121 004B/C/D
2.5 TDI quattro (132 kW) Eng.BDH/AKE/BAU	00-05	PA868		•		059 121 004E
2.7 T quattro (184 kW) Eng.ARE/BES	01-05	PA763		•		078 121 004L/R,078 121 006A
2.7 T, quattro (169 kW) Eng.AZA/AJK	97-05	PA763		•	Ch -4BY200000	078 121 004L/R,078 121 006A
2.8 (132 kW) Eng.AGE	97-98	PA618A		•		078 121 004H/HV/HX/J/JV/JX 078 121 004Q/QX,078 121 006
2.8 (140 kW) Eng.ATX	99-05	PA618A		•		078 121 004H/HV/HX/J/JV/JX 078 121 004Q/QX,078 121 006
2.8 (142 kW) Eng.AMX/ACK/AQD/ALG/APR	97-05	PA618A		•		078 121 004H/HV/HX/J/JV/JX 078 121 004Q/QX,078 121 006
2.8 quattro (142 kW) Eng.AMX/ACK/AQD/ALG/APR	97-05	PA618A		•		078 121 004H/HV/HX/J/JV/JX 078 121 004Q/QX,078 121 006
3.0 quattro (162 kW) Eng.ASN	01-05	PA881		•		06C 121 004C/G/H
3.7, quattro (191 kW)	99-05	PA764		•		077 121 004M/MX/N
4.2 RS6 (331 kW) Eng.BCY	02-05	PA764		•		077 121 004M/MX/N
4.2 S6 quattro (250 kW) Eng.AQJ/ANK	99-05	PA764		•		077 121 004M/MX/N
4.2 quattro (220 kW) Eng.ARS/ASG/AWN	98-05	PA764		•		077 121 004M/MX/N

A6 II Allroad (4BH) '05/00-

2.5 TDI quattro (120 kW) Eng.BCZ	03-	PA868		•		059 121 004E
2.5 TDI quattro (132 kW) Eng.AKE/BAU	5/00-	PA868		•		059 121 004E
2.7 T quattro (184 kW) Eng.ARE/BES	5/00-	PA763		•		078 121 004L/R,078 121 006A

A6 III (4F2), Avant '05/04-

2.0 TDI (100 kW) Eng.BNA/BRF	05-	PA905		•		038 121 011H,03G 121 011
2.0 TDI (103 kW) Eng.BRE/BLB	04-	PA905		•		038 121 011H,03G 121 011
2.4, quattro (130 kW) Eng.BDW	04-	PA979				06E 121 005D/F
2.7 TDI, quattro (120 kW) Eng.BSG	04-	PA979				06E 121 005D/F
2.7 TDI, quattro (132 kW) Eng.BPP	04-	PA979				06E 121 005D/F
3.0 TDI quattro (155 kW) Eng.BNG	04-	PA979				06E 121 005D/F
3.0 TDI quattro (165 kW) Eng.BMK	04-	PA979				06E 121 005D/F
3.0 TDi V6 24v quattro (171 kW) Eng.ASB	06-	PA979				06E 121 005D/F
3.2 FSi, quattro (188 kW) Eng.AUK	04-	PA979				06E 121 005D/F

A6 III Allroad (4FH) '08/06-

2.7 TDi V6 (132 kW) Eng.BPP	05-	PA979				06E 121 005D/F
3.0 TDi V6 (171 kW) Eng.ASB	06-	PA979				06E 121 005D/F
3.2 V6 FSi (188 kW) Eng.AUK	06-	PA979				06E 121 005D/F

A8 I (4D2, 4D8) '03/94-'09/02

2,8 quattro (120 kW) Eng.AEJ	95-96	PA592		•	Ch -F4DS000496	078 121 004B/BV/BX/C/CV/CX
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PA279



PA579



PA591



PA592



PA609



PA618A



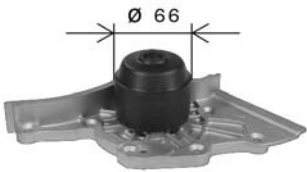
girante/impeller
h 27,65mm on ø 55

PA675



Girante Turbina
Turbine impeller

PA679



PA757



PA764



PA779



girante/impeller
h 28,65 mm on ø 55

PA868



PA881



PA979

		GRAF ref.			NOTE	Ad. OE
2,8 quattro (120 kW) Eng.AEJ	95-96	PA618A			• Ch F4DS000497-	078 121 004H/HV/HX/JJ/JV/JX 078 121 004Q/QX,078 121 006
2.5 TDI, quattro (110 kW) Eng.AFB	97-00	PA675			•	059 121 004B/C/D
2.5 TDI, quattro (110 kW) Eng.AKN	97-00	PA868			•	059 121 004E
2.5 TDI, quattro (132 kW) Eng.AKE	00-02	PA868			•	059 121 004E
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/JJ/JV/JX 078 121 004Q/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/JJ/JV/JX 078 121 004Q/QX,078 121 006
2.8, quattro (142 kW) Eng.AQD/ALG/APR/ACK/AMX	96-02	PA618A			•	078 121 004H/HV/HX/JJ/JV/JX 078 121 004Q/QX,078 121 006
3.7, quattro (169 kW) Eng.AKJ/AEW	95-98	PA757			•	077 121 004F/FV/FX/H
3.7, quattro (191 kW) Eng.AKC/AQG	98-02	PA764			•	077 121 004M/MM/X/N
4.2 S 8 quattro (250 kW) Eng.AHC/AKH	96-99	PA757			•	077 121 004F/FV/FX/H
4.2 S 8 quattro (265 kW) Eng.AVP/AQH	99-02	PA764			•	077 121 004M/MM/X/N
4.2 quattro (175 kW) Eng.ARU	99-00	PA764			•	077 121 004M/MM/X/N
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.AUW/AUX/AQF	98-02	PA764			•	077 121 004M/MM/X/N

A8 II (4E) '10/02-

3.0 (160 kW) Eng.BBJ	03-	PA881			•	06C 121 004C/G/H
3.0 (162 kW) Eng.ASN	03-	PA881			•	06C 121 004C/G/H
3.0 TDI quattro (155 kW) Eng.BNG	03-	PA979				06E 121 005D/F
3.0 TDI quattro (171 kW) Eng.ASB	03-	PA979				06E 121 005D/F

Cabrio (8G7, B4) '05/91-'08/00

1.8 (92 kW) Eng.ADR	97-00	PA679				026 121 005F/K/L
	97-00	PA779			w/BH	050 121 010/A/AV/AX/C/X
1.9 TDI (66 kW) Eng.1Z	95-00	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	95-00	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 TDI (66 kW) Eng.AHU	95-00	PA609				028 121 004V/X
2.0 16v (103 kW) Eng.ACE	95-96	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	95-96	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 E (85 kW) Eng.ABK	93-98	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	93-98	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
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/JJ/JV/JX 078 121 004Q/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/JJ/JV/JX 078 121 004Q/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/JJ/JV/JX 078 121 004Q/QX,078 121 006

Coupe I (81, 85) '07/80-'10/88

1.6 (55 kW) Eng.YN	80-81	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	80-81	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (55 kW) Eng.DD	81-83	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A



PA103



PA279



PA579

		GRAF ref.			NOTE	Ad. OE
1.8 (55 kW) Eng.DD	81-83	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GT (65 kW) Eng.SF	86-88	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-88	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GT (66 kW) Eng.JV/DS	82-88	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	82-88	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GT (68 kW) Eng.JN	81-88	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	81-88	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GT (79 kW) Eng.PV	86-87	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-87	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GT quattro (66 kW) Eng.DS/JN/NE	85-88	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	85-88	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GT, quattro (82 kW) Eng.DZ	84-88	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	84-88	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 (85 kW) Eng.WN	80-83	PA103	•			035 121 004/A/AV/AX,035 121 005E
2.0 (83 kW) Eng.SK	86-88	PA103	•			035 121 004/A/AV/AX,035 121 005E
2.0 (85 kW) Eng.HP/JS	83-86	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.KL/KE	82-84	PA103	•			035 121 004/A/AV/AX,035 121 005E
2.2 GT (85 kW) Eng.KX	81-87	PA103	•			035 121 004/A/AV/AX,035 121 005E
2.2 GT, quattro (100 kW) Eng.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,037 121 005C 068 121 005A
	89-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 (82 kW) Eng.3A	3/90-7/90	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	3/90-7/90	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 (83 kW) Eng.3A	3/90-7/90	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	3/90-7/90	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 (85 kW) Eng.ABK/3A/AAD	89-96	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	89-96	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 16v (101 kW) Eng.6A	1/92-7/92	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A



PA103



PA279



PA383



PA579



PA591



PA592



PA618A



PA655



PA979



PA980

		GRAF ref.			NOTE	Ad. OE
2.0 16v (101 kW) Eng.6A	1/92-7/92	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 16v (103 kW) Eng.ACE	8/92-12/96	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	8/92-12/96	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 20v, quattro (118 kW) Eng.NM	-9/89	PA103	•			035 121 004/A/AV/AX,035 121 005E
	89-91	PA383	•	Ch -F88M033000		034 121 004/V/X,034 121 005D
	89-91	PA591	•	Ch F88M033001-		054 121 004/A/AV/AX
2.2 S2 quattro (162 kW) Eng.3B	90-92	PA591	•			054 121 004/A/AV/AX
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
2.2 quattro (100 kW) Eng.KV	-9/88	PA103	•			035 121 004/A/AV/AX,035 121 005E
	88-91	PA383	•	Ch -F88M033000		034 121 004/V/X,034 121 005D
	88-91	PA591	•	Ch F88M033001-		054 121 004/A/AV/AX
2.2i (Switzerland-Sweden) (100 kW) Eng.HY	-12/88	PA103	•	(Switzerland-Sweden)		035 121 004/A/AV/AX,035 121 005E
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 (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 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 kW) Eng.NG	90-96	PA103	•			035 121 004/A/AV/AX,035 121 005E
	90-96	PA383	•	Ch -F88M033000		034 121 004/V/X,034 121 005D
	90-96	PA591	•	Ch F88M033001-		054 121 004/A/AV/AX
2.3 quattro (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
	92-96	PA618A	•	Ch F8BS000545-		078 121 004H/HV/HX/J/JV/JX 078 121 004Q/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 078 121 004Q/QX,078 121 006

Q7 '03/06-

3.0 TDI quattro (171 kW)	06-	PA979				06E 121 005D/F
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Quattro (85) '07/80-'07/91

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.WR/GV	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.MB/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

TT I (8N3,9), Roadster '10/98-

1.8 T (110 kW) Eng.AUM	01-	PA655	•			06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 T quattro (165 kW) Eng.BAM/AMU/APX	98-	PA655	•			06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 T quattro (176 kW)	05-	PA655	•			06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 T, quattro (132 kW) Eng.APP/AJQ/ARY/AWP/ATC/AUQ	98-	PA655	•			06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012

TT II Coupé, Spider '09/06-

2.0 TFSi (147 kW)	06-	PA980	•			06A 121 011R,06F 121 011
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3 fori mozzo / 3-hole hub



PA053



PA108



PA121



PA235



PA236



PA244



PA324



PA325



PA441



PA442



PA443



PA657



PA893



PA964



PA965

		GRAF ref.			NOTE	Ad. OE
V8 (D1) '10/88-'02/94						
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

BEDFORD

Astra Van '01/82-'01/92						
1.2	80-92	PA108			Eng. 12S	1334027,1334071,90091035,90409912
	82-10/84	PA442		•	Eng. 12ST	1334025,1334098,90144227
1.3, i	82-84	PA441		•		1334004,1334023,1334070,90076952 90183273
1.6 D	82-87	PA236		•		1334012,1334015,1334099,90106450 90285418
	87-92	PA324		•		1334014,90284913
1.6, i	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

AstraMax Van '01/85-'01/90						
1.6 D	82-87	PA236		•		1334012,1334015,1334099,90106450 90285418
	87-90	PA324		•		1334014,90284913

Blitz (CF97) '08/69-'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) '09/67-'07/77						
1502 1.6 (55 kW) Eng.M10B16	66-77	PA053				1151 0 686 001/ 901,1151 1 256 600
1600 Ti (77 kW) Eng.M10B16	66-77	PA053				1151 0 686 001/ 901,1151 1 256 600
1600/2, Cabrio, Touring (61-63 kW) Eng.M10B16	66-77	PA053				1151 0 686 001/ 901,1151 1 256 600
1802, Touring (66 kW) Eng.M10B18	66-77	PA053				1151 0 686 001/ 901,1151 1 256 600
2000 Ti (88-96 kW) Eng.M10B20	68-75	PA053				1151 0 686 001/ 901,1151 1 256 600
2002 T. (125 kW) Eng.M10B20	68-75	PA053				1151 0 686 001/ 901,1151 1 256 600
2002 Tii, Touring (96 kW) Eng.M10B20	68-75	PA053				1151 0 686 001/ 901,1151 1 256 600
2002, Cabrio, Touring (74 kW) Eng.M10B20	68-75	PA053				1151 0 686 001/ 901,1151 1 256 600

1 (E87) '09/04-						
116 i (85 kW) Eng.N40B16A	9/04-	PA893				1151 7 511 221
118 d (90 kW) Eng.M47N204D4	04-	PA964				1151 7 791 833
118i (95 kW) Eng.N42B20B	9/04-	PA893				1151 7 511 221
120 d (120 kW) Eng.M47N204D4	04-	PA964			M/T	1151 7 791 833
	04-	PA965			A/T	1151 7 788 305,1151 7 791 834
120 i (110 kW) Eng.N42B20A	9/04-	PA893				1151 7 511 221
130 i (190 kW) Eng.N52B30A	05-	PA893				1151 7 511 221

1500-1504-1600-1800-2000						
All models	62-71	PA053				1151 0 686 001/ 901,1151 1 256 600

1500-2000 '10/62-'07/72						
1.5 (59 kW) Eng.M10B15	62-66	PA053				1151 0 686 001/ 901,1151 1 256 600
1600 (59-61 kW) Eng.M10B16	63-71	PA053				1151 0 686 001/ 901,1151 1 256 600
1800 (66 kW) Eng.M10B18	63-71	PA053				1151 0 686 001/ 901,1151 1 256 600



PA053



PA115



PA149



PA243



PA264



PA379



PA390

		GRAF ref.			NOTE	Ad. OE
1800 Ti (81-96 kW) Eng.M10B18	63-68	PA053				1151 0 686 001/ 901,1151 1 256 600
2000 (74 kW) Eng.M10B20	68-72	PA053				1151 0 686 001/ 901,1151 1 256 600
2000 Ti / Tilux (88 kW) Eng.M10B20	66-72	PA053				1151 0 686 001/ 901,1151 1 256 600
2000 Tii (96 kW) Eng.M10B20	69-72	PA053				1151 0 686 001/ 901,1151 1 256 600

2000 3.2 Coupe (E9) '10/65-'03/76

2.5 CS (110 kW) Eng.M30B25	74-76	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
2800 CS (125 kW) Eng.M30B28	69-71	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
3.0 CS (132 kW) Eng.M30B30	71-76	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
3.0 Csi (147 kW) Eng.M30B30(L-Jetronic)	71-76	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
3.2 CSL (152 kW) Eng.M30B32(L-Jetronic)	74-75	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414

2500 3.3 (E3) '10/68-'04/77

2500 (110 kW) Eng.M30B25	68-77	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
2800 (125 kW) Eng.M30B28	68-75	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
2800 L (125 kW) Eng.M30B28	75-77	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
3.0 S, L (132 kW) Eng.M30B30	71-77	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
3.0 Si (143 kW) Eng.M30B30(L-Jetronic)	75-77	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
3.0 Si (147 kW) Eng.M30B30(L-Jetronic)	71-75	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
3.2 Li (147 kW) Eng.M30B32(L-Jetronic)	75-77	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
3.3 L (140 kW) Eng.M30B33	74-76	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414

3 I (E21) '06/75-'03/84

315 (55 kW) Eng.M10B16	81-84	PA149				1151 1 258 933,1151 1 259 660
316 (66 kW) Eng.M10B16	75-80	PA149				1151 1 258 933,1151 1 259 660
316 (66 kW) Eng.M10B18	80-82	PA149				1151 1 258 933,1151 1 259 660
318 (72 kW) Eng.M10B18	75-80	PA149				1151 1 258 933,1151 1 259 660
318 i (77 kW) Eng.M10B18(K-Jetronic)	79-82	PA149				1151 1 258 933,1151 1 259 660
320 (80 kW) Eng.M10B20	75-77	PA149				1151 1 258 933,1151 1 259 660
320 i (92 kW) Eng.M10B20(K-Jetronic)	75-82	PA149				1151 1 258 933,1151 1 259 660
320/6 (90 kW) Eng.M20B20	10/81-82	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
	77-9/81	PA115				1151 1 267 187/ 583
323 i (105 kW) Eng.M20B23(K-Jetronic)	2/81-82	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
	78-2/81	PA115				1151 1 267 187/ 583

3 II (E30) '09/82-'10/93

315 (55 kW) Eng.M10B16(1B2)	82-93	PA149				1151 1 258 933,1151 1 259 660
316 (66 kW) Eng.M10B18(2B4)	10/87-90	PA390				1151 1 715 292,1151 1 721 337 1151 9 070 763
	9/82-9/87	PA264				1151 1 274 583,1151 1 286 355/ 358 1151 1 721 477,1151 9 070 755
316 i (73 kW) Eng.M40B16(Kat.)	-9/88	PA264				1151 1 274 583,1151 1 286 355/ 358 1151 1 721 477,1151 9 070 755
	10/88-91	PA390				1151 1 715 292,1151 1 721 337 1151 9 070 763
316 i (75 kW) Eng.M40B16	-9/88	PA264				1151 1 274 583,1151 1 286 355/ 358 1151 1 721 477,1151 9 070 755
	10/88-91	PA390				1151 1 715 292,1151 1 721 337 1151 9 070 763



PA243



PA264



PA270



PA369



PA390



PA430

		GRAF ref.			NOTE	Ad. OE
318 i (75 kW) Eng.M10B18(L-Jetronic)/M10B18(L-Jetronic,Kat)	10/87-88	PA390				1151 1 715 292,1151 1 721 337 1151 9 070 763
	84-9/87	PA264				1151 1 274 583,1151 1 286 355/ 358 1151 1 721 477,1151 9 070 755
318 i (77 kW) Eng.M10B18(K-Jetronic)	10/87-	PA390				1151 1 715 292,1151 1 721 337 1151 9 070 763
	9/82-9/87	PA264				1151 1 274 583,1151 1 286 355/ 358 1151 1 721 477,1151 9 070 755
318 i (85 kW) Eng.M40B18	-9/87	PA264				1151 1 274 583,1151 1 286 355/ 358 1151 1 721 477,1151 9 070 755
	10/87-91	PA390				1151 1 715 292,1151 1 721 337 1151 9 070 763
318 i, Cabrio (83 kW) Eng.M40B18(Kat.)	-9/87	PA264				1151 1 274 583,1151 1 286 355/ 358 1151 1 721 477,1151 9 070 755
	10/87-93	PA390				1151 1 715 292,1151 1 721 337 1151 9 070 763
318 is (100 kW) Eng.M42B18	10/89-91	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
320 i (92 kW) Eng.M20B20(L-Jetronic)	82-9/87	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
320 i (110 kW)	10/87-90	PA369				1151 1 719 836,1151 1 720 609 1151 9 070 759
	85-9/87	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
320 i, Cabrio (95 kW) Eng.M20B20(L-Jetronic)/M20B20(Motronic,Kat.)	85-9/87	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
	10/87-93	PA369				1151 1 719 836,1151 1 720 609 1151 9 070 759
320 is (141 kW) Eng.S14204EA	88-90	PA369				1151 1 719 836,1151 1 720 609 1151 9 070 759
323 i (102 kW) Eng.M20B23(L-Jetronic)	82-83	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
323 i (110 kW) Eng.M20B23(L-Jetronic)	83-86	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
324 d (63 kW) Eng.M21D24	9/85-91	PA270				1151 1 284 247,1151 1 285 510 1151 1 287 580,1151 2 241 641 1151 2 242 675,1151 9 070 765
324 td (85 kW) Eng.M21D24/(Kat.)	87-91	PA270				1151 1 284 247,1151 1 285 510 1151 1 287 580,1151 2 241 641 1151 2 242 675,1151 9 070 765
325 e 2.7 (90 kW) Eng.M20B27(Kat)	10/87-88	PA369				1151 1 719 836,1151 1 720 609 1151 9 070 759
	83-9/87	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
325 e 2.7 (95 kW) Eng.M20B27	82-9/87	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
325 i X (125 kW) Eng.M20B25(Kat.)	10/87-91	PA369				1151 1 719 836,1151 1 720 609 1151 9 070 759
	86-9/87	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
325 i X (126 kW) Eng.M20B25	10/87-12/87	PA369				1151 1 719 836,1151 1 720 609 1151 9 070 759
	86-9/87	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
325 i, Cabrio (125 kW) Eng.M20B25(Kat.)	10/87-93	PA369				1151 1 719 836,1151 1 720 609 1151 9 070 759



PA243



PA270



PA369



PA390



PA430




PA431



PA432A



PA502A

		GRAF ref.			NOTE	Ad. OE
325 i, Cabrio (125 kW) Eng.M20B25(Kat.)	86-9/87	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
325 i, Cabrio (126 kW) Eng.M20B25	10/87-89	PA369				1151 1 719 836,1151 1 720 609 1151 9 070 759
	83-9/87	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
3 II Touring (E30) '07/87-'06/94						
316 i (73 kW) Eng.M40B16(Kat.)	91-94	PA390				1151 1 715 292,1151 1 721 337 1151 9 070 763
316 i (75 kW) Eng.M40B16	10/88-92	PA390				1151 1 715 292,1151 1 721 337 1151 9 070 763
318 i (83 kW) Eng.M40B18(Kat.)	89-94	PA390				1151 1 715 292,1151 1 721 337 1151 9 070 763
318 i (85 kW) Eng.M40B18	87-91	PA390				1151 1 715 292,1151 1 721 337 1151 9 070 763
320 i (95 kW) Eng.M20B20(Motronic,Kat.)	88-91	PA369				1151 1 719 836,1151 1 720 609 1151 9 070 759
324 td (85 kW) Eng.M21D24/M21D24(Kat.)	88-93	PA270				1151 1 284 247,1151 1 285 510 1151 1 287 580,1151 2 241 641 1151 2 242 675,1151 9 070 765
325 i, X (125 kW) Eng.M20B25(Kat.)	10/87-93	PA369				1151 1 719 836,1151 1 720 609 1151 9 070 759
	87-9/87	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
3 III (E36) '09/90-'02/98						
316 i (73 kW) Eng.M40B16(Kat.)	90-93	PA431				1151 0 007 039,1151 1 727 123 1151 1 734 269
316 i (75 kW) Eng.M40B16	90-93	PA431				1151 0 007 039,1151 1 727 123 1151 1 734 269
316 i (75 kW) Eng.M43B16	93-98	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
318 i (83 kW) Eng.M40B18(Kat.)	90-93	PA431				1151 0 007 039,1151 1 727 123 1151 1 734 269
318 i (85 kW) Eng.M43B18	93-98	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
318 is (103 kW) Eng.M42B18	93-97	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
318 is (103 kW) Eng.M44B19	95-98	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
318 tds (66 kW) Eng.M41D18(Inter.)	95-98	PA502A				1151 0 032 679,1151 2 243 003 1151 2 244 333,1151 2 245 687 1151 9 068 606,1151 9 069 529
320 i (110 kW) Eng.M50B(206S1)/M52B(206S3)Vanos/M50B	90-98	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
323 i 2.5 (125 kW) Eng.M52B25(Vanos)	95-98	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
325 i (141 kW) Eng.M50B25/M52B25(Vanos)	90-95	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
325 td (85 kW) Eng.M51D25	91-98	PA502A				1151 0 032 679,1151 2 243 003 1151 2 244 333,1151 2 245 687 1151 9 068 606,1151 9 069 529
325 tds (105 kW) Eng.M51D25(Inter.)	93-98	PA502A				1151 0 032 679,1151 2 243 003 1151 2 244 333,1151 2 245 687 1151 9 068 606,1151 9 069 529



PA430










PA432A



PA502A









		GRAF ref.			NOTE	Ad. OE
328 i (142 kW) Eng.M52B28	95-98	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
3 III Cabrio, Coupe (E36) '03/92-'04/99						
316 i (Exc. Cabrio) (75 kW) Eng.M43B16	93-99	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
318 i (Exc. Coupe) (85 kW) Eng.M43B18	94-99	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
318 is (Exc. Cabrio) (103 kW) Eng.M42B18	92-95	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
319 is (Exc. Cabrio) (103 kW) Eng.M44B19	95-99	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
320 i (110 kW) Eng.M52B(206S3-206S1)/M50B	92-99	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
323 i 2.5 (125 kW) Eng.M52B25(Vanos)	95-99	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
325 i (141 kW) Eng.M52B25(Vanos)	92-99	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
328 i cabrio (142 kW) Eng.M52B28	95-99	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
328 i coupe (142 kW) Eng.M52B28	95-99	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
3 III Compact (E36) '03/94-'08/00						
316 g (75 kW) Eng.CNGB16K	95-00	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
316 i (75 kW) Eng.M43B16	94-00	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
316 i (77 kW) Eng.M43164E3	98-00	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
318 tds (66 kW) Eng.M41D18(Inter.)	95-00	PA502A				1151 0 032 679,1151 2 243 003 1151 2 244 333,1151 2 245 687 1151 9 068 606,1151 9 069 529
318 ti (103 kW) Eng.M42B18	94-95	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
318 ti (103 kW) Eng.M44B19	95-00	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
323 ti (125 kW) Eng.M52B25(Vanos)	97-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
3 III Touring (E36) '01/95-'10/99						
316 i (75 kW) Eng.M43B16	96-99	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
318 i (85 kW) Eng.M43B18	95-99	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
318 tds (66 kW) Eng.M41D18(Inter.)	95-99	PA502A				1151 0 032 679,1151 2 243 003 1151 2 244 333,1151 2 245 687 1151 9 068 606,1151 9 069 529
320 i (110 kW) Eng.M52B(206S3)/Vanos	95-99	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910

			
<p>PA430</p>	<p>PA432A</p>	<p>PA502A</p>	<p>PA692</p>
			
<p>PA759</p>	<p>PA760</p>	<p>PA836</p>	<p>PA893</p>
			
<p>PA965</p>			

		GRAF ref.			NOTE	Ad. OE
323 i 2.5 (125 kW) Eng.M52B25(Vanos)	95-99	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
325 tds (105 kW) Eng.M51D25(Inter.)	95-99	PA502A				1151 0 032 679,1151 2 243 003 1151 2 244 333,1151 2 245 687 1151 9 068 606,1151 9 069 529
328 i (142 kW) Eng.M52B28	95-99	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
3 IV (E46) '02/98-						
316 i (77 kW) Eng.M43164E3	98-	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
316 i (77 kW) Eng.M43B16(164E3)	00-	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
316 i (85 kW) Eng.N42B18	02-	PA893				1151 7 511 221
316 i (85 kW) Eng.N45B16A	02-	PA893				1151 7 511 221
318 d (85 kW) Eng.M47204D1	01-	PA692				1151 2 247 552
318 d (85 kW) Eng.M47N204D4	03-	PA692				1151 2 247 552
318 i (87 kW) Eng.M43B19	98-01	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
318 i (105 kW) Eng.N42B20	9/01-	PA893				1151 7 511 221
320 d (96 kW) Eng.M47R	02-	PA692				1151 2 247 552
	02-	PA759			A/T	1151 7 786 736
320 d (100 kW) Eng.M47D20	98-10/01	PA692				1151 2 247 552
	99-10/01	PA759			A/T	1151 7 786 736
320 d (110 kW) Eng.M47N204D4	9/01-	PA836			A/T	1151 7 788 306
	9/01-	PA965				1151 7 788 305,1151 7 791 834
320 i (110 kW) Eng.M52B(206S3)Vanos	98-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
320 i (125 kW) Eng.M54226S1	00-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
323 i (125 kW) Eng.M52B25(Vanos)	98-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
325 i, xi (141 kW) Eng.M54256S5	00-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
328 i (142 kW) Eng.M52B28	98-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
330 d, xd (135 kW) Eng.M57D30	10/99-	PA760				1151 7 786 192
330 d, xd (150 kW) Eng.M57N306D2	98-	PA836				1151 7 788 306
330 i, xi (170 kW) Eng.M54306S3	00-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910

3 IV Cabrio, Coupe (E46) '04/99-

316 Ci (Exc. Cabrio) (77 kW) Eng.M43B16(164E3)	00-	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
316 Ci (Exc. Cabrio) (85 kW) Eng.N45B16A	2/02-	PA893				1151 7 511 221
318 Ci (105 kW) Eng.N42B20	9/01-	PA893				1151 7 511 221
318 Ci (Exc. Cabrio) (87 kW) Eng.M43B19	99-01	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
320 Cd (110 kW) Eng.M47N204D4	03-	PA836			A/T	1151 7 788 306
	03-	PA965				1151 7 788 305,1151 7 791 834

			
<p>PA430</p>	<p>PA432A</p>	<p>PA692</p>	<p>PA759</p>
			 <p>Ø 65</p>
<p>PA760</p>	<p>PA836</p>	<p>PA893</p>	<p>PA965</p>

		GRAF ref.			NOTE	Ad. OE
320 Ci (125 kW) Eng.M54226S1/M54B22	00-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
320 Ci (Exc. Cabrio) (110 kW) Eng.M52B(206S4)	99-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
323 Ci (125 kW) Eng.M52B25(Vanos)	99-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
325 Ci (141 kW) Eng.M54256S5	00-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
328 Ci (Exc. Cabrio) (142 kW) Eng.M52B28	99-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
330 Cd (150 kW) Eng.M57N306D2	03-	PA836				1151 7 788 306
330 Ci (170 kW) Eng.M54306S3	00-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910

3 IV Compact (E46) '06/01-

316 ti (85 kW) Eng.N42B18	01-	PA893				1151 7 511 221
318 td (85 kW) Eng.M47N204D4	03-	PA692				1151 2 247 552
318 ti (105 kW) Eng.N42B20	9/01-	PA893				1151 7 511 221
320 td (110 kW) Eng.M47N204D4	9/01-	PA836			A/T	1151 7 788 306
	9/01-	PA965				1151 7 788 305,1151 7 791 834
325 ti (141 kW) Eng.M54256S5	01-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910

3 IV Touring (E46) '10/99-

316 i (85 kW) Eng.N42B18	2/02-	PA893				1151 7 511 221
316 i (85 kW) Eng.N45B16A	02-	PA893				1151 7 511 221
318 d (85 kW) Eng.M47N204D4	02-	PA692				1151 2 247 552
318 i (87 kW) Eng.M43B19	99-01	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
318 i (105 kW) Eng.N42B20	9/01-	PA893				1151 7 511 221
320 d (100 kW) Eng.M47D20	00-01	PA692				1151 2 247 552
	00-01	PA759			A/T	1151 7 786 736
320 d (110 kW) Eng.M47N204D4	9/01-	PA836			A/T	1151 7 788 306
	9/01-	PA965				1151 7 788 305,1151 7 791 834
320 i (110 kW) Eng.M52B(206S3)Vanos	99-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
320 i (125 kW) Eng.M54226S1	00-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
325 i, xi (141 kW) Eng.M54256S5	00-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
328 i (142 kW) Eng.M52B28	99-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
330 d, xd (135 kW) Eng.M57D30	99-	PA760				1151 7 786 192
330 d, xd (150 kW) Eng.M57N306D2	03-	PA836				1151 7 788 306



PA115



PA149



PA243



PA264



PA369



PA379



PA380



PA432A



PA893



PA964



PA965

		GRAF ref.			NOTE	Ad. OE
330 i, xi (170 kW) Eng.M54306S3	00-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
3 V (E90) '01/05-						
318d (90 kW)	05-	PA964				1151 7 791 833
318i (95 kW)	05-	PA893				1151 7 511 221
320 si (127 kW)	06-	PA893				1151 7 511 221
320d (120 kW) Eng.N47N204D5	05-	PA964				1151 7 791 833
320i (110 kW) Eng.N46B20A-N46B20C	05-	PA893				1151 7 511 221
330d (170 kW)	05-	PA965				1151 7 788 305,1151 7 791 834
330xd (170 kW)	05-	PA965				1151 7 788 305,1151 7 791 834
3 V Coupé (E90) '09/06-						
330d (170 kW)	06-	PA965				1151 7 788 305,1151 7 791 834
330xd (170 kW)	06-	PA965				1151 7 788 305,1151 7 791 834
3 V Touring (E91) '01/05-						
318d (90 kW)	05-	PA964				1151 7 791 833
320d (120 kW) Eng.M47N204D5	05-	PA964				1151 7 791 833
320i (110 kW) Eng.N46B20A	05-	PA893				1151 7 511 221
320i (110 kW) Eng.N46B20C	05-	PA893				1151 7 511 221
330d (170 kW)	05-	PA965				1151 7 788 305,1151 7 791 834
330xd (170 kW)	05-	PA965				1151 7 788 305,1151 7 791 834
5 I (E12) '08/72-'08/81						
518 (66 kW) Eng.M10B18/M10B18(2B4)/M10B18(32-32DID)	74-6/81	PA149				1151 1 258 933,1151 1 259 660
518i (75 kW) Eng.M10B18(K-Jetronic)	79-81	PA149				1151 1 258 933,1151 1 259 660
520 (85 kW) Eng.M10B20(Strombergvergaser)	72-77	PA149				1151 1 258 933,1151 1 259 660
520 i (92 kW) Eng.M10B20(K-Jetronic)	75-79	PA149				1151 1 258 933,1151 1 259 660
520 i (96 kW) Eng.M10B20/M10B20(Schäfer-Inj.)	72-75	PA149				1151 1 258 933,1151 1 259 660
520/6 (90 kW) Eng.M20B20	77-6/81	PA115				1151 1 267 187/ 583
525 (107 kW) Eng.M30B25(32-40INAT)	73-86	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
525 (110 kW) Eng.M30B25(4A1)	76-81	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
528 (121-125 kW) Eng.M30B28	75-77	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
528 i (130-135 kW) Eng.M30B28(L-Jetronic)	4/78-81	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
	77-3/78	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
M 535 i (160 kW) Eng.M30B35(Motronic,9.3:1)	80-05/81	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
5 II (E28) '06/81-'06/90						
518 (66 kW) Eng.M10B18(2B4)	4/82-84	PA264				1151 1 274 583,1151 1 286 355/ 358 1151 1 721 477,1151 9 070 755
	81-4/82	PA149				1151 1 258 933,1151 1 259 660
518 i (75 kW) Eng.M10B18(K-Jetronic)	4/82-84	PA264				1151 1 274 583,1151 1 286 355/ 358 1151 1 721 477,1151 9 070 755
	81-4/82	PA149				1151 1 258 933,1151 1 259 660
518 i (77 kW) Eng.M10B18(L-Jetronic)	83-87	PA264				1151 1 274 583,1151 1 286 355/ 358 1151 1 721 477,1151 9 070 755
520 i (92 kW) Eng.M20B20(L,K-Jetronic)	10/87-12/87	PA369				1151 1 719 836,1151 1 720 609 1151 9 070 759
	81-9/87	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
520 i (95 kW) Eng.M20B20(Motronic,Kat.)	10/87-12/87	PA369				1151 1 719 836,1151 1 720 609 1151 9 070 759



PA243



PA270



PA369



PA370



PA380



PA390



PA430



PA431



PA432A



PA502A

		GRAF ref.			NOTE	Ad. OE
520 i (95 kW) Eng.M20B20(Motronic,Kat.)	85-9/87	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
520 i (110 kW)	10/87-90	PA369				1151 1 719 836,1151 1 720 609 1151 9 070 759
	86-9/87	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
524 d (63 kW) Eng.M21D24	86-87	PA270				1151 1 284 247,1151 1 285 510 1151 1 287 580,1151 2 241 641 1151 2 242 675,1151 9 070 765
524 td (85 kW) Eng.M21D24	83-87	PA270				1151 1 284 247,1151 1 285 510 1151 1 287 580,1151 2 241 641 1151 2 242 675,1151 9 070 765
525 e 2.7 (92-95 kW) Eng.M20B27	83-87	PA243				1151 1 271 435 1151 1 706 564/ 588/ 624 1151 1 711 492,1151 9 058 996
525 i (110 kW) Eng.M30B25(L-Jet.)	81-87	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
528 i (135 kW) Eng.M30B28(L-Jetronic)	81-87	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
535 i, M 535 i (141-160 kW) Eng.M30B35(Motronic)	81-87	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
M5 3.5 (211 kW) Eng.S38B35	85-87	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761

5 III (E34) '01/88-'09/95

518 i (83 kW) Eng.M40B18(Kat.)	89-9/91	PA390				1151 1 715 292,1151 1 721 337 1151 9 070 763
	9/91-95	PA431				1151 0 007 039,1151 1 727 123 1151 1 734 269
518 i (85 kW) Eng.M43B18	89-95	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
520 i (95 kW) Eng.M20B20(Motronic,Kat.)	88-91	PA369				1151 1 719 836,1151 1 720 609 1151 9 070 759
520 i 24v (110 kW) Eng.M50B(206S2)Vanos/M50B(206S1)	89-95	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
524 td (85 kW) Eng.M21D24(Kat.)/M21D24	3/88-91	PA370				1151 2 242 176/ 677,1151 9 071 564
525 i (125 kW) Eng.M20B25(Kat.)	88-91	PA369				1151 1 719 836,1151 1 720 609 1151 9 070 759
525 i 24v, X (141 kW) Eng.M52B25(Vanos)	89-95	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
525 td (85 kW) Eng.M51D25	93-95	PA502A				1151 0 032 679,1151 2 243 003 1151 2 244 333,1151 2 245 687 1151 9 068 606,1151 9 069 529
525 tds (105 kW) Eng.M51D25(Inter.)	91-95	PA502A				1151 0 032 679,1151 2 243 003 1151 2 244 333,1151 2 245 687 1151 9 068 606,1151 9 069 529
530 i (138 kW) Eng.M30B30(Kat.)	88-91	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761



PA380



PA390



PA430



PA431



PA432A



PA502A



PA570



PA759



PA760



PA836



PA965

		GRAF ref.			NOTE	Ad. OE
530 i V8 (160 kW) Eng.M60B30	92-95	PA570				1151 0 007 042,1151 1 704 600 1151 1 731 680,1151 1 741 001 1151 1 742 498
535 i (155 kW) Eng.M30B35(Motronic,9:1,Kat.)	88-95	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
540 i V8 (210 kW) Eng.M60B40	92-95	PA570				1151 0 007 042,1151 1 704 600 1151 1 731 680,1151 1 741 001 1151 1 742 498

5 III Touring (E34) '11/91-'01/97

518 i (83 kW) Eng.M40B18(Kat.)	89-9/91	PA390				1151 1 715 292,1151 1 721 337 1151 9 070 763
	9/91-9/93	PA431				1151 0 007 039,1151 1 727 123 1151 1 734 269
518 i, g (85 kW) Eng.M43B18	94-97	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
520 i (110 kW) Eng.M50B(206S2)/Vanos/M50B(206S1)	91-97	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
525 i, X (141 kW) Eng.M52B25(Vanos)/M50B25	91-97	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
525 td (85 kW) Eng.M51D25	93-97	PA502A				1151 0 032 679,1151 2 243 003 1151 2 244 333,1151 2 245 687 1151 9 068 606,1151 9 069 529
525 tds (105 kW) Eng.M51D25(Inter.)	91-97	PA502A				1151 0 032 679,1151 2 243 003 1151 2 244 333,1151 2 245 687 1151 9 068 606,1151 9 069 529
530 i V8 (160 kW) Eng.M60B30	92-97	PA570				1151 0 007 042,1151 1 704 600 1151 1 731 680,1151 1 741 001 1151 1 742 498
540 i (210 kW) Eng.M60B40	93-97	PA570				1151 0 007 042,1151 1 704 600 1151 1 731 680,1151 1 741 001 1151 1 742 498

5 IV (E39) '11/95-'07/03

520 d (100 kW) Eng.M47D20	00-02	PA759				1151 7 786 736
520 d (110 kW)	6/02-7/03	PA836			A/T	1151 7 788 306
	6/02-7/03	PA965				1151 7 788 305,1151 7 791 834
520 i (100 kW)	99-03	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
520 i (110 kW) Eng.M52B(206S3-206S4)	96-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
520 i (125 kW) Eng.M54B22	00-7/03	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
523 i (125 kW) Eng.M52B25(Vanos)	95-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
525 d (120 kW) Eng.M57256D1	00-03	PA760				1151 7 786 192
525 i (141 kW) Eng.M54256S5	00-03	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910



PA432A



PA502A



PA625



PA737



PA759



PA760



PA836



PA856



PA965

		GRAF ref.			NOTE	Ad. OE
525 td (85 kW) Eng.M51D25	97-03	PA502A				1151 0 032 679,1151 2 243 003 1151 2 244 333,1151 2 245 687 1151 9 068 606,1151 9 069 529
525 tds (105 kW) Eng.M51D25(Inter.)	96-03	PA502A				1151 0 032 679,1151 2 243 003 1151 2 244 333,1151 2 245 687 1151 9 068 606,1151 9 069 529
528 i (142 kW) Eng.M52B28	95-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
530 d (135 kW) Eng.M57D30	10/99-00	PA760				1151 7 786 192
	8/98-9/99	PA737				1151 2 248 996,1151 2 354 055
530 d (142 kW) Eng.M57D30	00-7/03	PA760				1151 7 786 192
530 i (170 kW) Eng.M54306S3	00-7/03	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
535 i (173 kW) Eng.M62B(358S1)	10/98-3/99	PA856				1151 0 393 336,1151 1 713 266
	96-9/98	PA625				1151 1 742 598 / 647
535 i (180 kW) Eng.M62B(358S2)	10/99-03	PA856				1151 0 393 336,1151 1 713 266
	99-9/99	PA625				1151 1 742 598 / 647
540 i (210 kW) Eng.M62B44	10/98-7/03	PA856				1151 0 393 336,1151 1 713 266
	96-9/98	PA625				1151 1 742 598 / 647
5 IV (E39) Touring '11/95-'07/03						
520 d (100 kW) Eng.M47D20	00-7/03	PA759				1151 7 786 736
520 d (110 kW)	6/02-7/03	PA836			A/T	1151 7 788 306
	6/02-7/03	PA965				1151 7 788 305,1151 7 791 834
520 i (100 kW)	95-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
520 i (110 kW) Eng.M52B(206S3-206S4)	95-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
520 i (125 kW) Eng.M54B22	00-7/03	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
523 i (125 kW) Eng.M52B25(Vanos)	95-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
525 d (120 kW) Eng.M57256D1	97-7/03	PA760				1151 7 786 192
525 i (141 kW) Eng.M54256S5	00-7/03	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
525 tds (105 kW) Eng.M51D25(Inter.)	96-7/03	PA502A				1151 0 032 679,1151 2 243 003 1151 2 244 333,1151 2 245 687 1151 9 068 606,1151 9 069 529
528 i (142 kW) Eng.M52B28	95-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
530 d (135 kW) Eng.M57D30	10/99-7/03	PA760				1151 7 786 192
	8/98-9/99	PA737				1151 2 248 996,1151 2 354 055
530 d (142 kW) Eng.M57D30	00-7/03	PA760				1151 7 786 192
530 i (170 kW) Eng.M54306S3	00-7/03	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
540 i (210 kW) Eng.M62B44	10/98-7/03	PA856				1151 0 393 336,1151 1 713 266
	96-9/98	PA625				1151 1 742 598 / 647



PA379



PA380



PA432A



PA964



PA965

		GRAF ref.			NOTE	Ad. OE
5 V (E60,1), Touring '07/03-						
520d (120 kW) Eng.M47N204D5	05-	PA964				1151 7 791 833
520i (125 kW) Eng.M54226S1	7/03-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
525d (130 kW) Eng.M57N256D4	04-	PA965			M/T+A/T	1151 7 788 305,1151 7 791 834
525i (141 kW) Eng.M54256S5	9/03-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
530d (160 kW) Eng.N57306D2	03-	PA965			M/T+A/T	1151 7 788 305,1151 7 791 834
530d (170 kW)	03-	PA965			M/T+A/T	1151 7 788 305,1151 7 791 834
530i (170 kW) Eng.M54306S3	7/03-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
530xd (170 kW)	03-	PA965			M/T+A/T	1151 7 788 305,1151 7 791 834
535d (200 kW) Eng.M57306D4	04-	PA965			M/T+A/T	1151 7 788 305,1151 7 791 834
6 (E24) '04/76-'09/90						
628 CSi (135 kW) Eng.M30B28(L-Jetronic)	9/79-87	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
630 CS (135-136 kW) Eng.M30B30(4A1)	76-8/79	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
633 CSi (145 kW) Eng.M30B32(L-Jetronic,9:1)	78-8/79	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
	9/79-84	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
633 CSi (147 kW) Eng.M30B32(L-Jetronic)	76-8/79	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
635 CSi (136-155 kW) Eng.M30B35(Motronic,Kat.)	76-8/79	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
	9/79-89	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
635 CSi (141 kW)	85-90	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
635 CSi (160 kW) Eng.M30B35(L-Jetronic,10:1)	78-88	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
M 635 CSi (191 kW) Eng.S38B35(Kat)	86-88	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
M 635 CSi (211 kW) Eng.S38B35	84-89	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
7 I (E23) '05/77-'08/86						
728 (125 kW) Eng.M30B28(4A1)	77-8/79	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
728 i (135 kW) Eng.M30B28(L-Jetronic)	78-8/79	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414



PA379



PA380



PA502A



PA570



PA681

		GRAF ref.			NOTE	Ad. OE
728 i (135 kW) Eng.M30B28(L-Jetronic)	9/79-86	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
730 (135 kW) Eng.M30B30(4A1)	77-8/79	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
732 i/733 i (145 kW) Eng.M30B32,(Motronic,10:1)	77-8/79	PA379				1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
	9/79-86	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
735 i (136 kW) Eng.M30B35(Motronic,8:1,Kat.)	9/79-86	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
735 i (141-160 kW) Eng.M30B35(Motronic)	9/79-86	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
745 i (185 kW) Eng.M30B32/M30B32(Turbo,8:1)	80-83	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
745 i (185 kW) Eng.M30B35	83-86	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761

7 II (E32) '09/86-'09/94

730 i,iL (138 kW) Eng.M30B30(Kat.)	86-94	PA379			Usa	1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
	86-94	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
730 i,iL (145 kW) Eng.M30B30	86-94	PA379			Usa	1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
	86-94	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
730 i,iL V8 (160 kW) Eng.M60B30	92-94	PA570				1151 0 007 042,1151 1 704 600 1151 1 731 680,1151 1 741 001 1151 1 742 498
735 i,iL (155 kW) Eng.M30B35(Motronic,9:1,Kat.)	86-92	PA379			Usa	1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
	86-92	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
735 i,iL (162 kW) Eng.M30B35(Motronic,9.2:1)	86-87	PA379			Usa	1151 1 253 143,1151 1 263 934 1151 1 705 236/ 273,1151 1 707 414
	86-87	PA380				1151 1 271 436,1151 1 286 417 1151 1 287 367,1151 1 312 539 1151 1 707 190/1/2,1151 1 720 892/3 1151 9 070 761
740 i,iL V8 (210 kW) Eng.M60B40	92-94	PA570				1151 0 007 042,1151 1 704 600 1151 1 731 680,1151 1 741 001 1151 1 742 498
750 i,iL V12 (220 kW) Eng.M70B50	87-94	PA681				1151 1 720 240,1151 1 729 741 / 855

7 III (E38) '10/94-'11/01

725 tds (105 kW) Eng.M51D25(Inter.)	96-01	PA502A				1151 0 032 679,1151 2 243 003 1151 2 244 333,1151 2 245 687 1151 9 068 606,1151 9 069 529
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PA432A



PA570



PA604



PA625



PA680



PA681



PA737



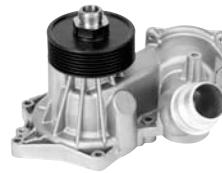
PA760



PA836



PA856



PA857



PA867



PA893



PA964



PA965

		GRAF ref.			NOTE	Ad. OE
728 i,iL (142 kW) Eng.M52B28	95-01	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
730 d (135 kW) Eng.M57D30	-9/99	PA737				1151 2 248 996,1151 2 354 055
	10/99-00	PA760				1151 7 786 192
730 d (142 kW) Eng.M57306D1	00-01	PA760				1151 7 786 192
730 i,iL (155-160 kW) Eng.M60B30	94-01	PA604				1151 0 007 043,1151 1 736 203 1151 1 741 002,1151 1 742 517
735 i,iL (173 kW) Eng.M62B(358S1)	10/98-01	PA856				1151 0 393 336,1151 1 713 266
	96-9/98	PA625				1151 1 742 598 / 647
740 d (180 kW) Eng.M67D39	5/99-01	PA857				1151 7 785 234
740 i,iL (210 kW) Eng.M60B40	94-01	PA604				1151 0 007 043,1151 1 736 203 1151 1 741 002,1151 1 742 517
740 i,iL (210 kW) Eng.M62B44	10/98-01	PA856				1151 0 393 336,1151 1 713 266
	96-9/98	PA625				1151 1 742 598 / 647
750 i,iL (240 kW) Eng.M73B54	94-01	PA681				1151 1 720 240,1151 1 729 741 / 855
7 IV (E65, E66) '11/01-						
730 d (160 kW) Eng.N57306D2	10/02-	PA836				1151 7 788 306
735 i,Li (200 kW) Eng.N62B36	11/01-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
740 d (190 kW) Eng.N67398D1	10/02-	PA867				1151 7 789 411
8 (E31) '04/90-'12/99						
840 Ci (210 kW) Eng.M62B44	10/98-12/99	PA856				1151 0 393 336,1151 1 713 266
	96-9/98	PA625				1151 1 742 598 / 647
840 i (210 kW) Eng.M60B40	93-96	PA570				1151 0 007 042,1151 1 704 600 1151 1 731 680,1151 1 741 001 1151 1 742 498
840i (210 kW) Eng.M60B44	93-95	PA604				1151 0 007 043,1151 1 736 203 1151 1 741 002,1151 1 742 517
850 CSi (280 kW) Eng.S/M70B56	93-96	PA681				1151 1 720 240,1151 1 729 741 / 855
850 Ci (240 kW) Eng.M73B54	94-99	PA681				1151 1 720 240,1151 1 729 741 / 855
850 i,Ci (220 kW) Eng.M70B50	90-94	PA680				1151 1 725 797,1151 1 729 359
X3 '01/04-						
2.0 d (110 kW) Eng.M47N204D4	04-	PA964				1151 7 791 833
2.0 i (110 kW)	05-	PA893				1151 7 511 221
2.5 (141 kW) Eng.M54256S5	1/04-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
						1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
3.0 (170 kW) Eng.M54306S3	1/04-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
3.0 d (150 kW) Eng.M54N306D2	04-	PA965			M/T+A/T	1151 7 788 305,1151 7 791 834
3.0 d (160 kW)	1/04-	PA836				1151 7 788 306
X5 '05/00-						
3.0 d (135 kW) Eng.M57306D1	01-	PA760				1151 7 786 192
3.0 d (160 kW) Eng.M57N306D4	03-	PA836				1151 7 788 306
3.0 i (163 kW) Eng.M54306S3	00-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
						1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
3.0 i (170 kW) Eng.M54306S3	00-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
4.4 i (210 kW) Eng.M62B44	00-	PA856				1151 0 393 336,1151 1 713 266
4.6 is (255 kW) Eng.M67468S1	02-	PA856				1151 0 393 336,1151 1 713 266



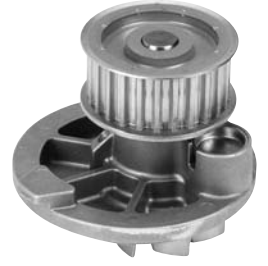
PA369



PA430



PA432A



PA572A



PA694



PA696



PA738



PA893

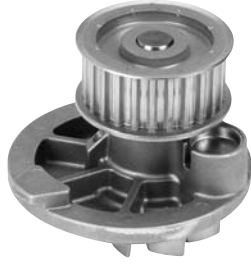
		GRAF ref.			NOTE	Ad. OE
Z1 '06/88-'06/91						
2.5 (125 kW) Eng.M20B25(Kat.)	88-91	PA369				1151 1 719 836,1151 1 720 609 1151 9 070 759
Z3 '10/95-'01/03						
1.8 (85 kW) Eng.M43B18	95-98	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
1.9 (85 kW) Eng.M43194E1	99-03	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
1.9 (87 kW) Eng.M43B19	98-03	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
1.9 (103 kW) Eng.M44B19	95-99	PA430				1151 0 393 338,1151 1 721 872 1151 1 727 468,1151 1 734 595/ 602
2.0 (110 kW) Eng.M52B(206S3)Vanos	99-03	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
2.2 (125 kW) Eng.M54226S1/M54B22	8/00-03	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
2.8, Coupe (141 kW) Eng.M52B28	97-00	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
3.0, Coupe (170 kW) Eng.M54306S3	6/00-03	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
Z4 '02/03-						
2.0 i (110 kW) Eng.N46B20A	05-	PA893				1151 7 511 221
2.2 i (125 kW) Eng.M54226S1	10/03-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
2.5 i (141 kW) Eng.M54256S5	2/03-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910
3.0 i (170 kW) Eng.M54306S3	2/03-	PA432A				1151 1 433 712/ 828,1151 1 722 536 1151 1 730 414,1151 1 740 241 1151 1 744 243,1151 7 503 884 1151 7 504 040,1151 7 527 799 / 910

CHEVROLET

Evanda '03/05-						
2.0 (96 kW) Eng.X20SED	05-	PA572A		•		24409355,92065969
Kalos '03/05-						
1.2 (53 kW) Eng.B12S1	05-	PA738		•		96518977
1.4 (61 kW) Eng.F14S3	05-	PA694		•		96350799,96352648
1.4 16V (69 kW) Eng.F14D3	05-	PA696		•		96182871,96352650
Lacetti '03/05-						
1.4 16V (70 kW) Eng.F14D3	05-	PA696		•		96182871,96352650
1.6 (80 kW) Eng.F16D3	05-	PA696		•		96182871,96352650
1.8 (90 kW) Eng.T18SED	05-	PA572A		•		24409355,92065969
Matiz '03/05-						
0.8 (38 kW) Eng.F8CV	05-	PA738		•		96518977
1.0 (47 kW) Eng.B10S	05-	PA738		•		96518977
1.0 (49 kW) Eng.B10S1	05-	PA738		•		96518977



PA420A



PA572A



n° 20 Denti/Teeth

PA628



PA671



PA688



PA696



PA711



PA802


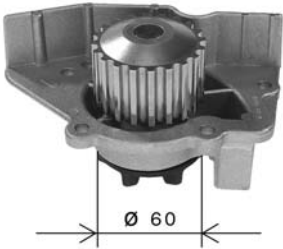
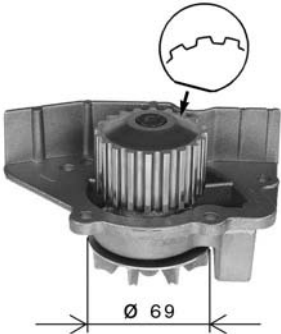



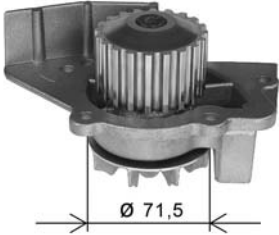
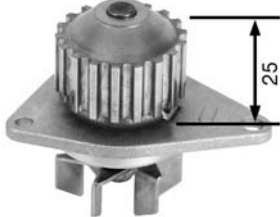



PA858

		GRAF ref.			NOTE	Ad. OE
Nubira, SW '03/05-						
1.6 (80 kW) Eng.F16D3	05-	PA696		•		96182871,96352650
1.8 (90 kW) Eng.T18SED	05-	PA572A		•		24409355,92065969
Rezzo '03/05-						
1.6 (77 kW) Eng.A16DMS	05-	PA696		•		96182871,96352650
2.0 (89 kW) Eng.X20SED	05-	PA572A		•		24409355,92065969

Crossfire, Roadster '07/03-						
3.2 (160 kW)	03-	PA711				5097159AA/AC,5102893AA
Grand Voyager I '01/91-'01/95						
2.5 TD Eng.09B/M00	91-95	PA420A	•			4720429
Grand Voyager II '01/96-						
2.5 TD	96-01	PA671	•		Impeller Ø 76mm	4864566
	96-01	PA802	•		Impeller Ø 71mm	4864566
Neon I (PL) '05/94-'08/99						
1.8 16v (85 kW)	97-99	PA688		•		4667660
2.0 16v (98 kW) Eng.420H	94-99	PA688		•		4667660
Neon II '08/99-						
1.6 (85 kW) Eng.EJD	01-	PA688		•		4667660
2.0 16v (98 kW) Eng.420H	99-	PA688		•		4667660
PT Cruiser '06/00-						
1.6 (85 kW) Eng.EJD	01-	PA688		•		4667660
2.0 (104 kW) Eng.ECC	00-	PA688		•		4667660
2.2 CRD (89 kW) Eng.EDJ	02-	PA858				5080488AA/AB
Sebring (JR), Cabrio '04/01-						
2.0 (104 kW) Eng.ECC	01-	PA688		•		4667660
Stratus (JA) '12/95-						
2.0 16v (98 kW)	95-	PA688		•		4667660
Voyager I (ES) '08/84-'09/95						
2.5 TD (87 kW) Eng.09B/M00	92-95	PA420A	•			4720429
Voyager II (GS) '01/95-'03/01						
2.0 i (98 kW) Eng.C00	95-01	PA688		•		4667660
2.5 TD (85 kW) Eng.425CLIRS-X	95-01	PA671	•		Impeller Ø 76mm	4864566
	95-01	PA802	•		Impeller Ø 71mm	4864566

Ax (ZA) '07/86-'12/98						
0.95 (33 kW) Eng.CDY/CDZ(TU9M)	86-98	PA628		•		1201.E3,1207.18/.23,9451001263 9617376980
0.95 (37 kW) Eng.CDY/CDZ(TU9M)	86-98	PA628		•		1201.E3,1207.18/.23,9451001263 9617376980
0.95 E (30 kW) Eng.C3A	86-98	PA628		•		1201.E3,1207.18/.23,9451001263 9617376980
1.0 (32 kW) Eng.C1A	86-92	PA628		•		1201.E3,1207.18/.23,9451001263 9617376980
1.1 (40 kW) Eng.H1B	86-90	PA628		•		1201.E3,1207.18/.23,9451001263 9617376980
1.1 (44 kW) Eng.HDZ(TU1M)	89-97	PA628		•		1201.E3,1207.18/.23,9451001263 9617376980
1.1 4WD (40 kW) Eng.H1A	91-92	PA628		•		1201.E3,1207.18/.23,9451001263 9617376980

	 <p>Ø 60</p>	 <p>Ø 69</p>	 <p>n° 20 Denti/Teeth</p>
<p>PA147</p>	<p>PA348</p>	<p>PA391</p>	<p>PA491</p>
 <p>n° 20 Denti/Teeth</p>	 <p>n° 19 Denti/Teeth</p>	 <p>Ø 71,5</p>	 <p>25</p>
<p>PA628</p>	<p>PA683</p>	<p>PA747</p>	<p>PA837</p>
 <p>n° 19 Denti/Teeth</p>			
<p>PA938</p>			


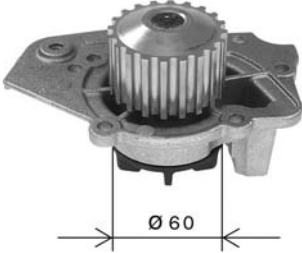
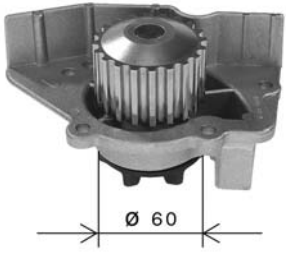




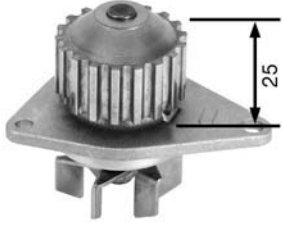



		GRAF ref.			NOTE	Ad. OE
1.1 Kat (40 kW) Eng.HAZ(TU1CP)	88-89	PA628			•	1201.E3,1207.18/.23,9451001263 9617376980
1.3 Sport (70 kW) Eng.M4A	87-88	PA628			•	1201.E3,1207.18/.23,9451001263 9617376980
1.4 (44 kW) Eng.KAY(TU3CP)	86-88	PA628			• Vett -5278	1201.E3,1207.18/.23,9451001263 9617376980
	86-88	PA491			• Vett 5278-	1201.58/.E4/.E6,1207.25,9608564280
1.4 (49 kW) Eng.K1F	88-89	PA628			•	1201.E3,1207.18/.23,9451001263 9617376980
1.4 (55 kW) Eng.K2A/D	91-93	PA628			• Vett -5278	1201.E3,1207.18/.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.E3,1207.18/.23,9451001263 9617376980
	93-97	PA491			• Vett 5278-	1201.58/.E4/.E6,1207.25,9608564280
1.4 (62 kW) Eng.K2B/K2A	88-92	PA628			•	1201.E3,1207.18/.23,9451001263 9617376980
1.4 4WD (55 kW) Eng.KDY(TU3M)	91-93	PA628			• Vett -5278	1201.E3,1207.18/.23,9451001263 9617376980
	93-96	PA491			• Vett 5278-	1201.58/.E4/.E6,1207.25,9608564280
1.4 D (37 kW) Eng.K9Y(TUD3Y)	91-97	PA628			•	1201.E3,1207.18/.23,9451001263 9617376980
1.4 D (38 kW) Eng.K9A(TUD3)	88-92	PA628			•	1201.E3,1207.18/.23,9451001263 9617376980
1.4 GTi (66 kW) Eng.KFY(TU3FJ2)	91-93	PA628			• Vett -5278	1201.E3,1207.18/.23,9451001263 9617376980
	93-96	PA491			• Vett 5278-	1201.58/.E4/.E6,1207.25,9608564280
1.4 GTi (69-74 kW) Eng.KFZ(TU3FJ2)	91-93	PA628			• Vett -5278	1201.E3,1207.18/.23,9451001263 9617376980
	93-96	PA491			• Vett 5278-	1201.58/.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 (MF) '07/96-

1.1 i (40-44 kW) Eng.HDZ(TU1M)/HFX(TU1JP)	96-	PA628			• Eng. -3666765	1201.E3,1207.18/.23,9451001263 9617376980
	96-	PA837			• Eng. 3666766-	1201.G0
1.4 Bivalent (48 kW)	02-	PA628			• Eng. -3666765	1201.E3,1207.18/.23,9451001263 9617376980
	02-	PA837			• Eng. 3666766-	1201.G0
1.4 i, Bivalent (55 kW) Eng.KFW(TU3JP)/KFX(TU3JP)	96-	PA628			• Eng. -3666765	1201.E3,1207.18/.23,9451001263 9617376980
	96-	PA837			• Eng. 3666766-	1201.G0
1.6 16v (80 kW) Eng.NFU(TU5JP4)	00-	PA683			•	1201.A2/.E5
1.6 HDI 75 (55 kW)	05-	PA938			•	1201.G1/.G9
1.6 HDI 90 (66 kW)	05-	PA938			•	1201.G1/.G9
1.8 D (43 kW) Eng.A9A(XUD7)	98-	PA391			•	1201.52/.65/.67/.91/.A4,95650955 95666768
1.8 i, 4WD (66 kW) Eng.LFX(XU7JB)	97-	PA348			•	1201.50/.61,95625017,95655208,95656567
1.9 D (50 kW) Eng.DJY(XUD9A)/D9B(XUD9A-L)	96-	PA391			•	1201.52/.65/.67/.91/.A4,95650955 95666768
1.9 D, 4WD (51 kW) Eng.WJY(DW8B-DW8)	98-	PA747			•	1201.C4
2.0 HDI 90 (66 kW) Eng.RHY(DW10TD)	99-	PA747			•	1201.C4

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.E3,1207.18/.23,9451001263 9617376980
1.1 (42 kW)	86-92	PA147			Vett -4192	1201.69,79 01 120 258
	86-92	PA628			• Vett 4193-	1201.E3,1207.18/.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.E3,1207.18/.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

			
<p>PA147</p>	<p>PA256</p>	<p>PA348</p>	<p>PA393</p>
 <p>n° 20 Denti/Teeth</p>	 <p>n° 20 Denti/Teeth</p>	 <p>n° 19 Denti/Teeth</p>	
<p>PA491</p>	<p>PA628</p>	<p>PA683</p>	<p>PA837</p>
 <p>n° 21 Denti/Teeth</p>			
<p>PA859</p>	<p>PA941</p>	<p>PA1020</p>	

		GRAF ref.			NOTE	Ad. OE
1.4 E (49 kW) Eng.150F	87-91	PA628			• Vett 4193-5439	1201.E3,1207.18/.23,9451001263 9617376980
	92-93	PA491			• Vett 5440-	1201.58/.E4/.E6,1207.25,9608564280
1.4 E (59 kW)	85-89	PA147			Vett -4192	1201.69,79 01 120 258
	85-89	PA628			• Vett 4193-5439	1201.E3,1207.18/.23,9451001263 9617376980
	85-89	PA491			• Vett 5440-	1201.58/.E4/.E6,1207.25,9608564280
1.4 E, Break (52-53 kW) Eng.150C	83-86	PA147			Vett -4192	1201.69,79 01 120 258
	87-91	PA628			• Vett 4193-5439	1201.E3,1207.18/.23,9451001263 9617376980
	92-93	PA491			• Vett 5440-	1201.58/.E4/.E6,1207.25,9608564280
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.E3,1207.18/.23,9451001263 9617376980
	1/89-12/89	PA491			• Vett 5440-	1201.58/.E4/.E6,1207.25,9608564280
1.4, Break (55 kW) Eng.KDY(TU3M)/KDZ(TU3M-Z)	89-91	PA628			• Vett 4193-5439	1201.E3,1207.18/.23,9451001263 9617376980
	92-93	PA491			• Vett 5440-	1201.58/.E4/.E6,1207.25,9608564280
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.BDZ/BDY(XU5M)	89-93	PA348			• Vett 5410-	1201.50/.61,95625017,95655208,95656567
1.6, Break (55 kW) Eng.BAY/BAZ(XU5CP)	88-94	PA348			• Vett 5410-	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/171B/171C	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
1.6, Break (53-59 kW) Eng.B1E(XU51C)	87-94	PA348			• Vett 5410-	1201.50/.61,95625017,95655208,95656567
1.8 D, Break (44 kW) Eng.161(XUD7)	85-86	PA256			• Vett -3583	1201.63,91511136,9401201390,95641148 95655207,95656566
	86-93	PA393			• Vett 3584-	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
1.8 TRD T., Break (66 kW) Eng.AJZ(XUD7TE)/A8A(XUD7TE)	88-94	PA393			•	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
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-	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
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)	91-93	PA348			•	1201.50/.61,95625017,95655208,95656567
	88-91	PA256			• Vett -5409	1201.63,91511136,9401201390,95641148 95655207,95656566
1.9 GTi 16v (116 kW) Eng.D6C(XU9J4)	87-88	PA348			•	1201.50/.61,95625017,95655208,95656567

C1 '06/05-

1.0 (50 kW) Eng.1KRFE	05-	PA1020				1201.H0
1.4 HDi (40 kW) Eng.DV4D	6/05-	PA859			•	1201.F9/.G8

C2 '09/03-

1.1 (44 kW) Eng.HFX(TU1JP)	9/03-	PA837			•	1201.G0
1.4 (54 kW) Eng.KFV(TU3JP)	9/03-	PA837			•	1201.G0
1.4 16v (65 kW) Eng.KFU(ET3J4)	06-	PA941			•	1201.G2
1.4 HDi (50 kW) Eng.8HX(DV4TD)	9/03-	PA859			•	1201.F9/.G8
1.6 16v (80 kW) Eng.NFU(TU5JP4)	9/03-	PA683			•	1201.A2/.E5
1.6 VTS (90 kW) Eng.TU5JP4S	05-	PA683			•	1201.A2/.E5

C3 '02/02-

1.1 i (44 kW) Eng.HFX(TU1JP)	02-	PA837			•	1201.G0
1.4 (54 kW) Eng.KFV(TU3JP)	02-	PA837			•	1201.G0
1.4 16v (65 kW) Eng.KFU(ET3J4)	03-	PA941			•	1201.G2
1.4 16v HDi (66 kW) Eng.8HY(DV4TED4)	02-	PA859			•	1201.F9/.G8
1.4 HDi (50 kW) Eng.8HX(DV4TD)	02-	PA859			•	1201.F9/.G8



PA240

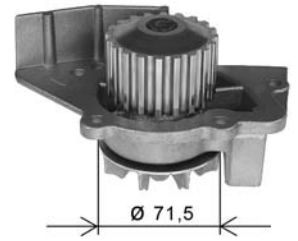


PA315

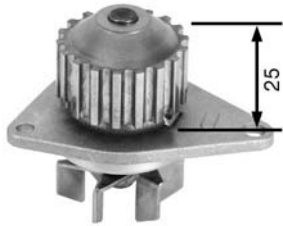


n° 19 Denti/Teeth

PA683



PA747

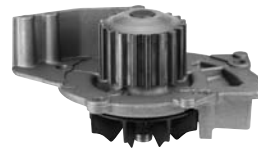


PA837



n° 21 Denti/Teeth

PA859



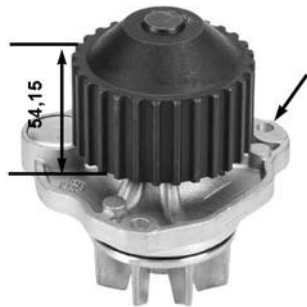
PA861



PA862



PA863



PA886



n° 19 Denti/Teeth

PA938



PA941

		GRAF ref.			NOTE	Ad. OE
1.6 16v (80 kW) Eng.NFU(TU5JP4)	02-	PA683		•		1201.A2/.E5
1.6 16v HDi (66-80 kW) Eng.DV6TED4	05-	PA938		•		1201.G1/.G9
C3 Pluriel '05/03-						
1.4 (54 kW) Eng.KFV(TU3JP)	6/03-	PA837		•		1201.G0
1.4 HDi (50 kW) Eng.8HX(DV4TD)	04-	PA859		•		1201.F9/.G8
1.6 16v (80 kW) Eng.NFU(TU5JP4)	6/03-	PA683		•		1201.A2/.E5
C4 Picasso '11/06-						
1.6 16v HDi (80 kW) Eng.DV6TED4	06-	PA938		•		1201.G1/.G9
1.8 16v (92 kW) Eng.EW7A	06-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 16v (103 kW) Eng.EW10A	06-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 16v HDi (100 kW) Eng.DW10BTED4	06-	PA861		•		1201.E8
C4, Coupe '11/04-						
1.4 16v (65 kW) Eng.ET3J4	04-	PA941		•		1201.G2
1.6 16v (80 kW) Eng.TU5JP4	04-	PA683		•		1201.A2/.E5
1.6 HDi FAP (66-80 kW) Eng.DV6TED4	04-	PA938		•		1201.G1/.G9
2.0 16v (100-103 kW) Eng.EW10J4,EW10A	04-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 HDi 135 FAP (100 kW) Eng.DW10BTED4	04-	PA861		•		1201.E8
C5 I, Break '03/01-'09/04						
1.8 16v (85 kW) Eng.6FZ(EW7J4)	01-04	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 16v (100 kW) Eng.RFN(EW10J4)	01-04	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 16v HPi (103 kW) Eng.RLZ(EW10D)	01-04	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 HDi (66 kW) Eng.RHY(DW10TD)	01-04	PA747		•		1201.C4
2.0 HDi (80 kW) Eng.RHZ-RHS(DW10ATED)	01-04	PA747		•		1201.C4
2.2 HDi (98 kW) Eng.4HX(DW12TED4-FAP)	01-04	PA861		•		1201.E8
3.0 V6 (152 kW) Eng.XFX(ES9J4S)	01-04	PA886		•		1201.F6
C5 II, Break '09/04-						
1.6 HDi (80 kW) Eng.DV6TED4	04-	PA938		•		1201.G1/.G9
1.8 16V (85 kW) Eng.6FZ(EW7J4)	04-	PA862	•	•		1201.E1/.F4/.G4/.J1
1.8 16V (92 kW) Eng.EW7A	05-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 16V (103 kW) Eng.EW10A	04-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 HDi (100 kW) Eng.DW10BTED4	04-	PA861		•		1201.E8
2.2 16v HDI Bi-Turbo (125 kW)	06-	PA861		•		1201.E8
2.2 HDi (98 kW) Eng.4HX(DW12TED4/FAP)	04-	PA861		•		1201.E8
3.0 V6 (152 kW) Eng.XFX(ES9J4S)	04-	PA886		•		1201.F6
C8 '07/02-						
2.0 (100 kW) Eng.RFN(EW10J4)	02-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 HDi (79 kW) Eng.RHS(DW10ATED4-FAP)	02-	PA747		•		1201.C4
2.0 HDi (80 kW) Eng.RHW(DW10ATED4)	05-	PA747		•		1201.C4
2.0 HDi (88 kW) Eng.RHK	06-	PA861		•		1201.E8
2.0 HDi 16v (100 kW)	06-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.2 (116 kW) Eng.3FZ(EW12J4)	02-	PA863	•	•		1201.E7/.F5/.G5/.J2
2.2 HDi (94 kW) Eng.4HX(DW12TED4-FAP)	02-	PA861		•		1201.E8
3.0 V6 (150 kW) Eng.XFX(ES9J4S)	02-	PA886		•		1201.F6
CX I , Break '09/74-'08/85						
2.4 (85 kW) Eng.M23-623	76-80	PA240				75530147
	76-80	PA315			w/Air	1201.36/.37,75530147,95548541
2.4 (88 kW) Eng.M23-639	80-82	PA240				75530147
	80-82	PA315			w/Air	1201.36/.37,75530147,95548541
2.4 GTi (94 kW) Eng.M23-622	77-82	PA240				75530147
	77-82	PA315			w/Air	1201.36/.37,75530147,95548541
2.4 GTi (Exc. Break) (96 kW) Eng.M23-622	77-82	PA240				75530147
	77-82	PA315			w/Air	1201.36/.37,75530147,95548541
2.5 D T. (70 kW) Eng.M25-648	83-85	PA240				75530147
	83-85	PA315			w/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			w/Air	1201.36/.37,75530147,95548541



PA079



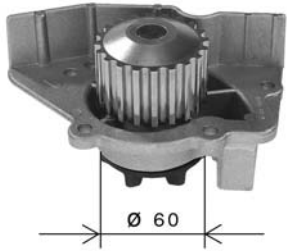
PA147



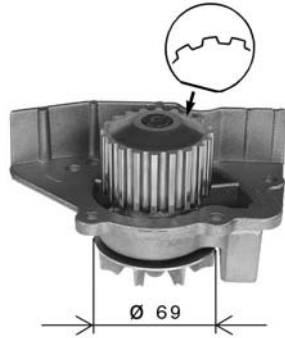
PA240



PA315



PA348



PA391



n° 20 Denti/Teeth

PA491



PA542

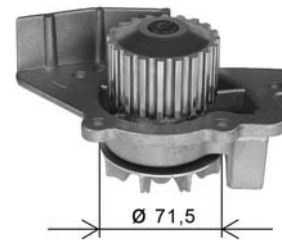


n° 20 Denti/Teeth

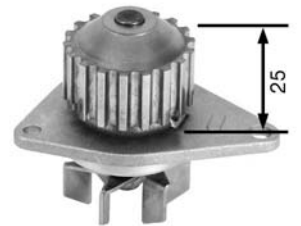
PA628



PA641



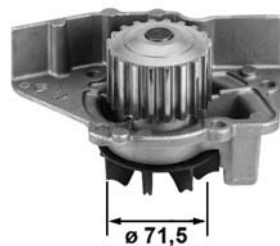
PA747



PA837


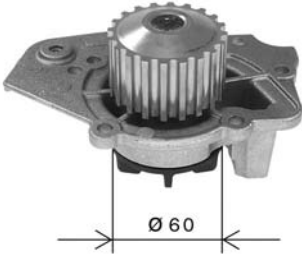
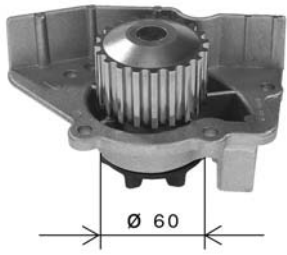
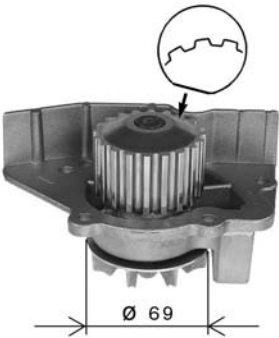





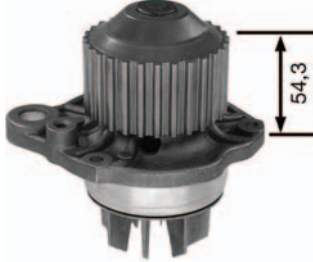




PA862



PA911

		GRAF ref.			NOTE	Ad. OE
2.5 TRi (100 kW) Eng.M25-659	83-85	PA240				75530147
	83-85	PA315			w/Air	1201.36/.37,75530147,95548541
CX II, Break '07/85-'12/92						
2.5 D (54 kW) Eng.M25-660	85-92	PA240				75530147
	85-92	PA315			w/Air	1201.36/.37,75530147,95548541
2.5 D T. (70 kW) Eng.M25-648	85-86	PA240				75530147
	85-86	PA315			w/Air	1201.36/.37,75530147,95548541
2.5 GTi T. 2 (122 kW) Eng.M25-662	85-92	PA240				75530147
	85-92	PA315			w/Air	1201.36/.37,75530147,95548541
2.5 TRi (100 kW) Eng.M25-659	85-92	PA240				75530147
	85-92	PA315			w/Air	1201.36/.37,75530147,95548541
DS '05/59-'08/75						
1.9 (59 kW)	59-66	PA079				2N23101,5403199Z,5429707,75522434
2.0 (62 kW)	66-72	PA079				2N23101,5403199Z,5429707,75522434
2.0 (66 kW)	68-72	PA079				2N23101,5403199Z,5429707,75522434
2.0, Break (72 kW)	68-75	PA079				2N23101,5403199Z,5429707,75522434
2.1 (88 kW)	69-75	PA079				2N23101,5403199Z,5429707,75522434
2.1 Break (78 kW)	72-75	PA079				2N23101,5403199Z,5429707,75522434
2.1 Cabrio (78 kW)	69-71	PA079				2N23101,5403199Z,5429707,75522434
2.1, Cabrio (76 kW)	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 '08/56-'12/65						
1.9 (61 kW)	56-75	PA079				2N23101,5403199Z,5429707,75522434
Evasion (22,U6) '06/94-'07/02						
1.8 (73 kW) Eng.LFZ(XU7JP)	97-02	PA348		•		1201.50/.61,95625017,95655208,95656567
1.9 TD (66 kW) Eng.DHX(XUD9TF-BTF)/D8B(XUD9TF)	94-02	PA911		•		1201.A8
1.9 TD (68 kW) Eng.DHY(XUD9TE)	97-02	PA911		•		1201.A8
2.0 (89 kW) Eng.RFU(XU10J2-C)	94-02	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.0 16v (97 kW) Eng.RFV(XU10J4R)	98-00	PA641		•		1201.93/.A1
2.0 16v (100 kW) Eng.RFN(EW10J4)	00-02	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 HDI (80 kW) Eng.RHZ(DW10ATED)	98-02	PA747		•		1201.C4
2.0 T. C.T. (108 kW) Eng.RGX(XU10J2TE)	94-02	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.1 TD (80 kW) Eng.P8C(XUD11BTE)	96-02	PA542	•	•		1201.54/.55/.A7/.C5/.C6,1336.L5 96047088
ID '08/56-'08/75						
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)	66-72	PA079				2N23101,5403199Z,5429707,75522434
2.0, Break (66-72 kW)	69-75	PA079				2N23101,5403199Z,5429707,75522434
2.1 F, Break (74-76 kW)	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) '05/96-						
0.95 X (33-37 kW) Eng.CDZ(TU9M)	96-	PA628		•		1201.E3,1207.18/.23,9451001263 9617376980
1.1 X,SX (40 kW) Eng.HDZ(TU1M)	96-	PA628		•		1201.E3,1207.18/.23,9451001263 9617376980
1.1 X,SX (44 kW) Eng.HFX(TU1JP)/HDZ(TU1M)	96-	PA837		•		1201.G0
1.4 VTS (55 kW) Eng.KFX(TU3JP)/KFW(TU3JP)	96-	PA628		•		1201.E3,1207.18/.23,9451001263 9617376980
1.5 D (40-42 kW) Eng.VJY-VJZ(TUD5)	96-	PA491		•		1201.58/.E4/.E6,1207.25,9608564280

	 <p>Ø 60</p>	 <p>Ø 60</p>	 <p>Ø 69</p>
<p>PA147</p>	<p>PA256</p>	<p>PA348</p>	<p>PA391</p>
 <p>Ø 69</p>	 <p>n° 20 Denti/Teeth</p>		 <p>Ø 69</p>
<p>PA393</p>	<p>PA491</p>	<p>PA542</p>	<p>PA641</p>
	 <p>54,3</p>	 <p>n° 19 Denti/Teeth</p>	
<p>PA643</p>	<p>PA653</p>	<p>PA683</p>	<p>PA960</p>

		GRAF ref.			NOTE	Ad. OE
1.6 VTL,VTR (65 kW) Eng.NFZ(TU5JP)	96-	PA491		•		1201.58/.E4/.E6,1207.25,9608564280
1.6 VTS (72 kW) Eng.NFT	00-	PA491		•		1201.58/.E4/.E6,1207.25,9608564280
1.6 VTS (87 kW) Eng.NFX(TU5JP4)	96-	PA683		•		1201.A2/.E5

Visa '09/78-'03/91

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-	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
1.7 D (44 kW) Eng.161A(XUD7)	84-91	PA256		•	Vett -3583	1201.63,91511136,9401201390,95641148 95655207,95656566
	84-91	PA393		•	Vett 3584-	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569

XM I (Y3) '05/89-'06/94

2.0 (84 kW)	89-94	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.0 i (79 kW) Eng.RDZ(XU10MZ)	89-94	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.0 i (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.PJZ,PHZ,P8A(XUD11ATE)	89-94	PA542	•	•		1201.54/.55/.A7/.C5/.C6,1336.L5 96047088

XM I (Y3) Break '05/89-'06/94

2.0 i (79 kW) Eng.RDZ(XU10MZ)	89-94	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.0 i (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.PJZ,PHZ,P8A(XUD11ATE)	89-94	PA542	•	•		1201.54/.55/.A7/.C5/.C6,1336.L5 96047088

XM II (Y4) '05/94-'10/00

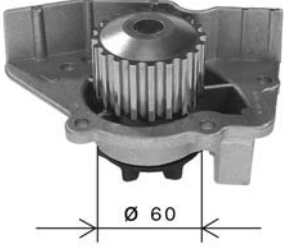
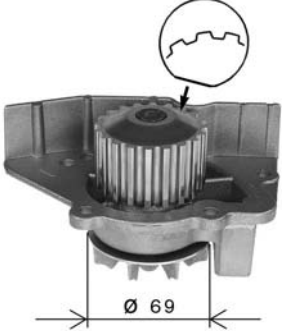



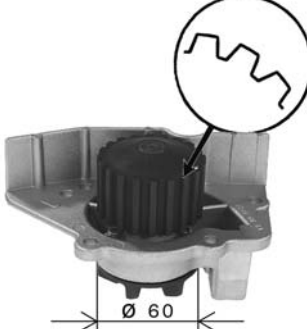
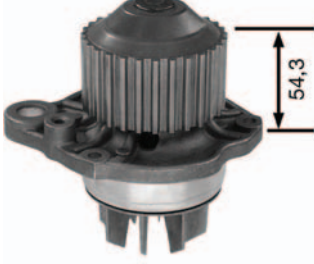
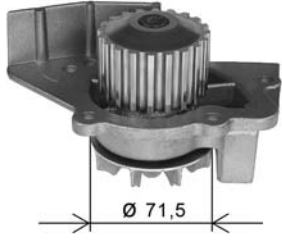
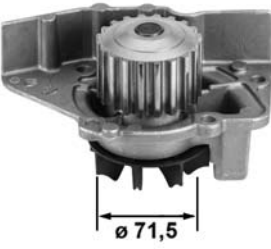

2.0 T. (108 kW) Eng.RGX(XU10J2TE)	94-00	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.0 i 16v (97 kW) Eng.RFV(XU10J4R)	94-00	PA641		•		1201.93/.A1
2.1 TD 12v (80 kW) Eng.PHZ,PJZP8C(XUD11ATE,BTE)	94-00	PA542	•	•		1201.54/.55/.A7/.C5/.C6,1336.L5 96047088
2.5 TD (95 kW) Eng.THY(DK5ATE)	94-00	PA643				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 '05/94-'10/00

2.0 T. (108 kW) Eng.RGX(XU10J2TE)	94-00	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.0 i 16v (97 kW) Eng.RFV(XU10J4R)	94-00	PA641		•		1201.93/.A1
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.PHZ,PJZP8C(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

Xantia I (X1) '03/93-'01/98

1.6 i (65 kW) Eng.BFZ(XU5JP)	93-98	PA348		•		1201.50/.61,95625017,95655208,95656567
1.8 i (66 kW) Eng.LFX(XU7JB)	97-98	PA348		•		1201.50/.61,95625017,95655208,95656567

 <p>Ø 60</p>	 <p>Ø 69</p>	 <p>Ø 69</p>	
<p>PA348</p>	<p>PA391</p>	<p>PA393</p>	<p>PA542</p>
 <p>Ø 69</p>	 <p>Ø 60</p>	 <p>54,3</p>	 <p>Ø 71,5</p>
<p>PA641</p>	<p>PA642</p>	<p>PA653</p>	<p>PA747</p>
 <p>Ø 71,5</p>			
<p>PA911</p>	<p>PA960</p>		

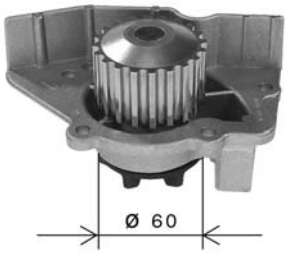
		GRAF ref.			NOTE	Ad. OE
1.8 i (74 kW) Eng.LFZ(XU7JP)	93-98	PA348		•		1201.50/.61,95625017,95655208,95656567
1.8 i 16v (81 kW) Eng.LFY(XU7JP4)	95-98	PA642		•		1201.98
1.9 D (50 kW) Eng.DJZ(XUD9Y)	94-98	PA393		•	Vett -6264	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
	94-98	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	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
	94-98	PA391		•	Vett 6265-	1201.52/.65/.67/.91/.A4,95650955 95666768
1.9 SD (55 kW) Eng.DHW(XUD9SD)	96-98	PA393		•	Vett -6264	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
	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	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
	94-98	PA911		•	Vett 6265-	1201.A8
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	95-98	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.0 i (89 kW) Eng.RFX(XU10J2C)	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 i 16v (110-112 kW) Eng.RFT-RFY(XU10J4-Z)	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 i 24v (140 kW) Eng.XFZ(ES9J4)	97-98	PA653		•	Ch -08441	1201.A6/.C7
	97-98	PA960		•	Ch 08442-	1201.F2

Xantia I (X1) Break '03/93-'01/98

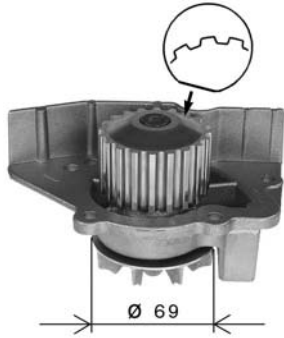
1.8 i (66 kW) Eng.LFX(XU7JB)	97-98	PA348		•		1201.50/.61,95625017,95655208,95656567
1.8 i (74 kW) Eng.LFZ(XU7JP)	93-98	PA348		•		1201.50/.61,95625017,95655208,95656567
1.8 i 16v (81 kW) Eng.LFY(XU7JP4)	95-98	PA642		•		1201.98
1.9 SD (55 kW) Eng.DHW(XUD9SD)	96-98	PA393		•	Vett -6264	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
	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	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
	94-98	PA911		•	Vett 6265-	1201.A8
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	95-98	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.0 i (89 kW) Eng.RFX(XU10J2C)	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
2.1 TD 12V (80 kW) Eng.P8C(XUD11BTE)	95-98	PA542	•	•		1201.54/.55/.A7/.C5/ .C6,1336.L5 96047088

Xantia II (X2) '01/98-

1.8 i (66 kW) Eng.LFX(XU7JB)	98-	PA348		•		1201.50/.61,95625017,95655208,95656567
1.8 i 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.DHY(XUD9TE-Y)/DHX(XUD9TF-BTF)	98-	PA911		•		1201.A8
2.0 HDI 109 (80 kW) Eng.RHZ(DW10ATED)	99-	PA747		•		1201.C4
2.0 HDI 90 (66 kW)	99-	PA747		•		1201.C4
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	98-	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.0 i (89 kW) Eng.RFX(XU10J2C)	98-	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.0 i 16v (97 kW) Eng.RFV(XU10J4R)	98-	PA641		•		1201.93/.A1
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



PA348



PA391



n° 20 Denti/Teeth

PA491



PA542

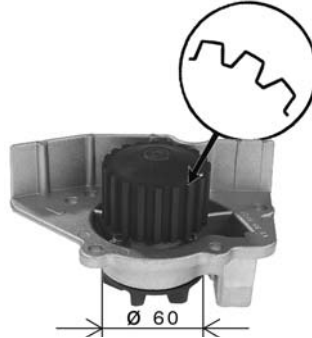


n° 20 Denti/Teeth

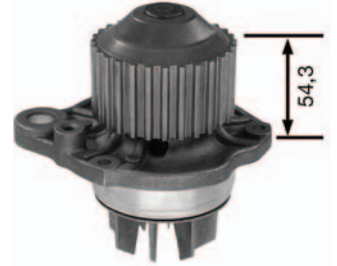
PA628



PA641



PA642

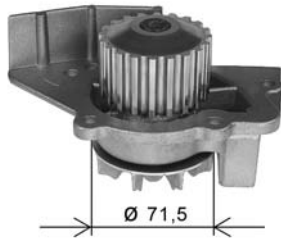


PA653

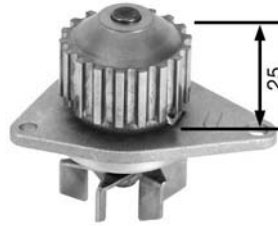


n° 19 Denti/Teeth

PA683



PA747



PA837

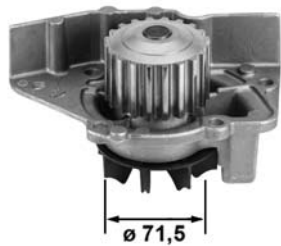


n° 21 Denti/Teeth

PA859



PA862

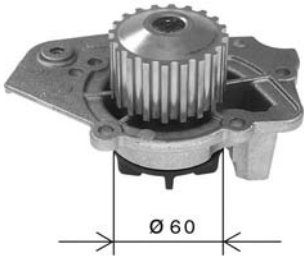


PA911

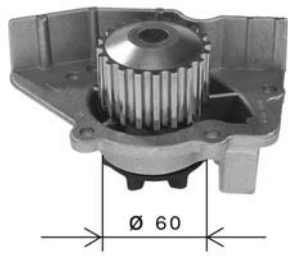


PA960

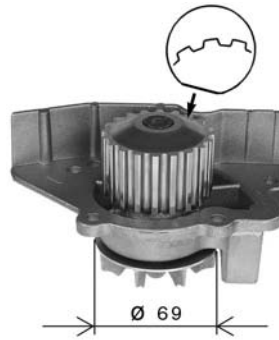
		GRAF ref.			NOTE	Ad. OE
Xantia II (X2) Break '01/98-						
1.8 i (66 kW) Eng.LFX(XU7JB)	98-	PA348		•		1201.50/.61,95625017,95655208,95656567
1.8 i 16v (81 kW) Eng.LFY(XU7JP4)	98-	PA642		•		1201.98
1.9 SD (55 kW) Eng.DHW(XUD9SD)	98-	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
1.9 TD (66 kW) Eng. XUD9TE-Y,TF-BTF	98-	PA911		•		1201.A8
2.0 HDI 109 (80 kW) Eng.RHZ(DW10ATED)	99-	PA747		•		1201.C4
2.0 HDI 90 (66 kW)	99-	PA747		•		1201.C4
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	98-	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.0 i (89 kW) Eng.RFX(XU10J2C)	98-	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.0 i 16v (97 kW) Eng.RFV(XU10J4R)	98-	PA641		•		1201.93/.A1
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
Xsara (N1/0), Coupe '04/97-						
1.4 HDi (50 kW) Eng.8HX(DV4TD)	03-	PA859		•		1201.F9/.G8
1.4 i (55 kW) Eng.KFX(TU3JP)/KFW(TU3JP)	97-	PA628		•	Eng. -3666765	1201.E3,1207.18/.23,9451001263 9617376980
	97-	PA837		•	Eng. 3666766-	1201.G0
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
1.6 i (65 kW) Eng.NFZ(TU5JP)	97-00	PA491		•		1201.58/.E4/.E6,1207.25,9608564280
1.8 D (43 kW) Eng.161A(XUD7)/A9A(XUD7)	97-00	PA911		•		1201.A8
1.8 TD (66 kW)	97-00	PA911		•		1201.A8
1.8 i (66 kW) Eng.LFX(XU7JB)	97-00	PA348		•		1201.50/.61,95625017,95655208,95656567
1.8 i 16v (81 kW) Eng.LFY(XU7JP4)	97-00	PA642		•		1201.98
1.8 i Aut. (74 kW) Eng.LFZ(XU7JP)	97-00	PA348		•		1201.50/.61,95625017,95655208,95656567
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
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 (97 kW) Eng.RFV(XU10J4R)	98-00	PA641		•		1201.93/.A1
2.0 16v (100 kW) Eng.RFN(EW10J4)	9/00-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 16v (120 kW) Eng.RFS(XU10J4RS)	97-00	PA641		•		1201.93/.A1
2.0 HDi (66-80 kW) Eng.DW10TD,DW10ATED	99-	PA747		•		1201.C4
Xsara (N2) Break '04/97-						
1.4 HDi (50 kW) Eng.8HX(DV4TD)	1/03-	PA859		•		1201.F9/.G8
1.4 i (55 kW) Eng.KFX(TU3JP)/KFW(TU3JP)	97-	PA628		•	Eng. -3666765	1201.E3,1207.18/.23,9451001263 9617376980
	97-	PA837		•	Eng. 3666766-	1201.G0
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
1.6 i (65 kW) Eng.NFZ(TU5JP)	97-00	PA491		•		1201.58/.E4/.E6,1207.25,9608564280
1.8 D (43 kW) Eng.161A(XUD7)/A9A(XUD7)	97-00	PA911		•		1201.A8
1.8 i (66 kW) Eng.LFX(XU7JB)	97-00	PA348		•		1201.50/.61,95625017,95655208,95656567
1.8 i 16v (81 kW) Eng.LFY(XU7JP4)	97-00	PA642		•		1201.98
1.8 i Aut. (74 kW) Eng.LFZ(XU7JP)	97-00	PA348		•		1201.50/.61,95625017,95655208,95656567
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
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 (97 kW) Eng.RFV(XU10J4R)	98-9/00	PA641		•		1201.93/.A1
2.0 16v (100 kW) Eng.RFN(EW10J4)	9/00-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 HDi (66-80 kW) Eng.DW10TD,DW10ATED	5/01-	PA747		•		1201.C4
Xsara Picasso (N68) '02/00-						
1.6 (65 kW) Eng.NFZ(TU5JP)	00-	PA491		•		1201.58/.E4/.E6,1207.25,9608564280
1.6 (70 kW) Eng.NFZ(TU5JP)	00-	PA491		•		1201.58/.E4/.E6,1207.25,9608564280



PA256



PA348



PA391



PA393



n° 20 Denti/Teeth

PA491



n° 20 Denti/Teeth

PA628

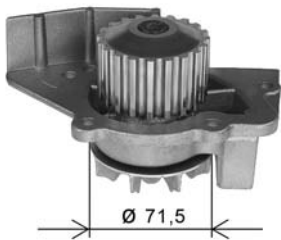


PA642



n° 19 Denti/Teeth

PA683



PA747



PA862



n° 19 Denti/Teeth

PA938






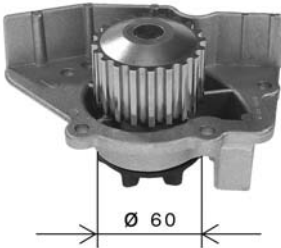
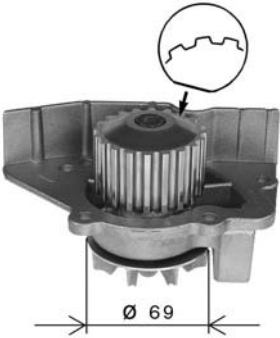





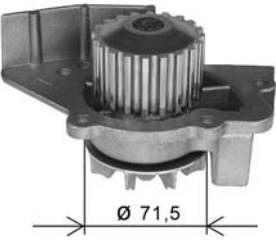
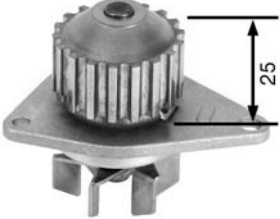
		GRAF ref.			NOTE	Ad. OE
1.6 16V (80 kW)	05-	PA683		•		1201.A2/.E5
1.6 HDi (66 kW)	05-	PA938		•		1201.G1/.G9
1.6 HDi (80 kW) Eng.DV6TED4	04-	PA938		•		1201.G1/.G9
1.8 16v (85 kW) Eng.LFY(XU7JP4)/6FZ(EW7J4)	2/00-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 16v (100 kW) Eng.EW10J4	03-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 HDi (66 kW) Eng.RHY(DW10TD)	00-	PA747		•		1201.C4

ZX (N2) '03/91-'06/97

1.1 (40 kW)	91-93	PA628		•		1201.E3,1207.18/.23,9451001263 9617376980
1.1 (44 kW) Eng.HDZ(TU1M)	91-97	PA628		•		1201.E3,1207.18/.23,9451001263 9617376980
1.4 i (55 kW) Eng.KDX(TU3M-Z)/KDZ(TU3M-Z)	91-97	PA491		•		1201.58/.E4/.E6,1207.25,9608564280
1.4ie (55 kW) Eng.KFX(TU3JP)	91-97	PA628		•		1201.E3,1207.18/.23,9451001263 9617376980
1.6 i (65 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		•		1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
1.8 i (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
1.8 i 16v (81 kW) Eng.LFY(XU7JP4)	96-97	PA642		•		1201.98
1.9 D (47 kW) Eng.DJZ(XUD9Y)	91-93	PA393		•	Vett -6170	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
	93-97	PA391		•	Vett 6171-	1201.52/.65/.67/.91/.A4,95650955 95666768
1.9 D (50 kW) Eng.D9B(XUD9A-U)	94-97	PA393		•	Vett -6170	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
	94-97	PA391		•	Vett 6171-	1201.52/.65/.67/.91/.A4,95650955 95666768
1.9 TD (66 kW) Eng.DHY(XUD9TE-Y)	91-93	PA393		•	Vett -6170	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
	93-97	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
2.0 i (89 kW) Eng.RFX(XU10J2C)	92-97	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.0 i 16v (110 kW) Eng.RFT(XU10J4-Z)	94-97	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.0 i 16v (112 kW) Eng.RFY(XU10J4-Z)	92-94	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.0 i 16v (120 kW) Eng.RFS(XU10J4RS)	96-97	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768

ZX (N2) Break '03/91-'06/97

1.4 i (55 kW) Eng.KDX(TU3M-Z)/KDZ(TU3M-Z)	91-97	PA491		•		1201.58/.E4/.E6,1207.25,9608564280
1.4ie (55 kW) Eng.KFX(TU3JP)	91-97	PA628		•		1201.E3,1207.18/.23,9451001263 9617376980
1.6 i (65 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		•		1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
1.8 i (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
1.8 i 16v (81 kW) Eng.LFY(XU7JP4)	96-97	PA642		•		1201.98
1.9 D (47 kW) Eng.DJZ(XUD9Y)	91-93	PA393		•	Vett -6170	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
	93-2/97	PA391		•	Vett 6171-	1201.52/.65/.67/.91/.A4,95650955 95666768

		 <p style="text-align: center;">Ø 86</p>	 <p style="text-align: center;">Ø 60</p>
PA147	PA197	PA240	PA256
	 <p style="text-align: center;">Ø 60</p>	 <p style="text-align: center;">Ø 69</p>	 <p style="text-align: center;">Ø 69</p>
PA315	PA348	PA391	PA393
 <p style="text-align: center;">n° 20 Denti/Teeth</p>		 <p style="text-align: center;">n° 20 Denti/Teeth</p>	 <p style="text-align: center;">n° 19 Denti/Teeth</p>
PA491	PA544	PA628	PA683
 <p style="text-align: center;">Ø 71,5</p>	 <p style="text-align: center;">25</p>		
PA747	PA837		

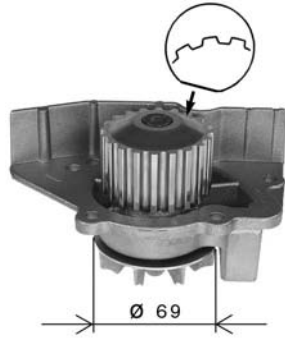
		GRAF ref.			NOTE	Ad. OE
1.9 D (50 kW) Eng.D9B(XUD9A-U)	94-97	PA393			• Vett -6170	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
	94-97	PA391			• Vett 6171-	1201.52/.65/.67/.91/.A4,95650955 95666768
1.9 TD (66 kW) Eng.DHY(XUD9TE-Y)	92-93	PA393			• Vett -6170	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
	93-2/97	PA391			• Vett 6171-	1201.52/.65/.67/.91/.A4,95650955 95666768

CITROËN LCV

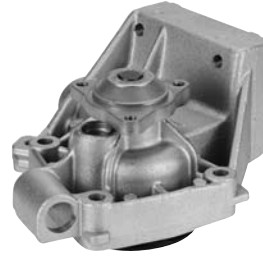
Berlingo Van (M) '07/96-						
1.1 i (40-44 kW) Eng.HDZ(TU1M)	96-	PA628			• Eng. -3666765	1201.E3,1207.18/.23,9451001263 9617376980
	96-	PA837			• Eng. 3666766-	1201.G0
1.4 Bivalent (48 kW)	02-	PA628			• Eng. -3666765	1201.E3,1207.18/.23,9451001263 9617376980
	02-	PA837			• Eng. 3666766-	1201.G0
1.4 i, Bivalent (55 kW) Eng.KFX(TU3JP)/KFW(TU3JP)	96-	PA628			• Eng. -3666765	1201.E3,1207.18/.23,9451001263 9617376980
	96-	PA837			• Eng. 3666766-	1201.G0
1.6 16v (80 kW) Eng.NFU(TU5JP4)	00-	PA683			•	1201.A2/.E5
1.8 D (43 kW) Eng.A9A(XUD7)	96-	PA391			•	1201.52/.65/.67/.91/.A4,95650955 95666768
1.8 i (66 kW) Eng.LFX(XU7JB)	99-02	PA348			•	1201.50/.61,95625017,95655208,95656567
1.9 D (51 kW) Eng.DJY(XUD9A)	96-	PA391			•	1201.52/.65/.67/.91/.A4,95650955 95666768
1.9 D, 4WD (51 kW) Eng.WJZ(DW8)	98-	PA747			•	1201.C4
2.0 HDI 90, 4WD (66 kW) Eng.RHY(DW10TD)	99-	PA747			•	1201.C4
C15 (VD) '10/84-						
0.95 (33 kW) Eng.XV8-TU9	84-97	PA147			Vett -4195	1201.69,7901120258
	84-97	PA628			• Vett 4196-	1201.E3,1207.18/.23,9451001263 9617376980
1.1 (35 kW) Eng.E1A/109K	84-96	PA197			Vett -4237	1201.45,97521368
1.1 i (44 kW) Eng.HDZ(TU1M)	88-96	PA147			Vett -4195	1201.69,7901120258
	88-96	PA628			• Vett 4196-	1201.E3,1207.18/.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
1.4 E (40 kW) Eng.K3A	87-96	PA147			Vett -4195	1201.69,7901120258
	87-96	PA628			• Vett 4196-	1201.E3,1207.18/.23,9451001263 9617376980
1.4 E (44 kW) Eng.150D(XY7)	87-96	PA147			Vett -4195	1201.69,7901120258
	87-96	PA628			• Vett 4196-	1201.E3,1207.18/.23,9451001263 9617376980
1.4 i (55 kW) Eng.KDY(TU3M)/KDY(TU3FM)	91-96	PA491			•	1201.58/.E4/.E6,1207.25,9608564280
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	1201.60,9401201480,95641149,95643824 95655209,95655210,95656568,95656569
	86-00	PA391			• Vett 6265-	1201.52/.65/.67/.91/.A4,95650955 95666768
1.9 D (44 kW)	00-	PA747			•	1201.C4
C25 (280, 290) '09/81-'02/94						
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	PA240				75530147
	87-94	PA315				1201.36/.37,75530147,95548541
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(XN1T)	91-94	PA544				1201.34/.40,9401201340,9401201400
2.5 D T., 4WD (70 kW) Eng.CRD93LS(U25-673)	87-94	PA240				75530147
	87-94	PA315				1201.36/.37,75530147,95548541
2.5 D, 4WD (54 kW) Eng.CRD93L(U25-661)	87-94	PA240				75530147
	87-94	PA315				1201.36/.37,75530147,95548541



PA165



PA391



PA607



PA643



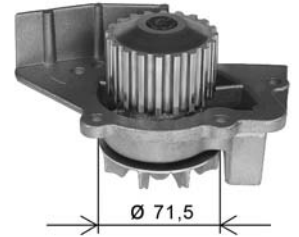
PA684



PA685



PA686



PA747



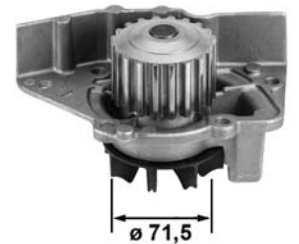
PA861



PA862



PA900



PA911



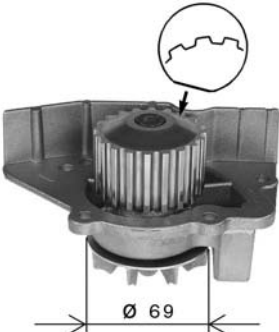















PA996



PA1026

		GRAF ref.			NOTE	Ad. OE
C35 '11/73-'01/94						
2.2 D (45 kW) Eng.B22615	73-80	PA165				5.416.786,75522430,95575455
2.5 D (51 kW) Eng.B25637	80-82	PA165				5.416.786,75522430,95575455
Jumper I (230) '03/94-'04/02						
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)	97-02	PA911		•		1201.A8
	94-97	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
1.9 TD (66 kW) Eng.DHX(XUD9TF-BTF)	97-02	PA911		•		1201.A8
	94-97	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
1.9 TD, 4WD (68 kW) Eng.D8C(XUD9UTF)	96-01	PA911		•		1201.A8
2.0 HDI (62 kW)	01-02	PA747		•		1201.C4
2.0, 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)	6/96-00	PA684				1201.A5
2.8 HDi, 4WD (94 kW) Eng.8140.43S	00-02	PA607				1201.C9
Jumper II (244) '04/02-						
2.0 (81 kW) Eng.XU10J2	02-	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.0 HDi (62 kW) Eng.DW10UTD	02-	PA747		•		1201.C4
2.0 bivalent (81 kW)	03-	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.2 HDi (74 kW) Eng.DW12TED	02-	PA861		•		1201.E8
2.8 HDi (94 kW) Eng.8140.43S	02-	PA607				1201.C9
2.8 HDi (107 kW) Eng.8140.43N	04-	PA607				1201.C9
Jumper III '04/06-						
2.2 HDi 100 (74 kW)	06-	PA996		•		1201.H6
2.2 HDi 120 (88 kW)	06-	PA900		•		504033770
3.0 HDi 160 (115 kW)	06-	PA1026				1201.J4
Jumpy (U6U) '10/95-						
1.6, Van (58 kW) Eng.220A2.000/1580SPI	95-	PA685				1201.95
	95-	PA686			w/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
1.9 TD, Flatbed (68 kW) Eng.D8B(XUD9TF)	96-	PA911		•		1201.A8
1.9 TD, Van (66 kW) Eng.DHX(XUD9TF-BTF)	95-	PA911		•		1201.A8
2.0 (100 kW)	00-	PA862		• •		1201.E1/.F4/.G4/.J1
2.0 HDi, Van (80 kW) Eng.RHZ(DW10ATED)	00-	PA747		•		1201.C4
2.0 HDi, Van, Flatbed (69 kW) Eng.RHX	99-	PA747		•		1201.C4
2.0 i 16v, Van (102 kW)	00-	PA862		• •		1201.E1/.F4/.G4/.J1
Relay '01/95-						
2.0i (80 kW) Eng.XU10J2U	95-	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.5D (63 kW) Eng.DJ5	6/96-	PA684				1201.A5
	95-05/96	PA643				1201.70/.A3
2.5TD (75 kW) Eng.DJ5T	6/96-	PA684				1201.A5
	95-05/96	PA643				1201.70/.A3
Synergie '01/94-						
1.9TD (66 kW) Eng.XUD9TE/TF	94-	PA911		•		1201.A8
2.0i (88 kW) Eng.XU10J2C	94-	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768

			
<p>PA235</p>	<p>PA325</p>	<p>PA391</p>	<p>PA442</p>
			
<p>PA448</p>	<p>PA495</p>	<p>PA542</p>	<p>PA572</p>
	<p>Girante ottone Brass impeller</p> 		
<p>PA572A</p>	<p>PA634</p>	<p>PA694</p>	<p>PA695</p>
			
<p>PA696</p>	<p>PA724A</p>	<p>PA738</p>	<p>PA977</p>

		GRAF ref.			NOTE	Ad. OE
2.0i T. (108 kW) Eng.XU10J2TE	94-	PA391		•		1201.52/.65/.67/.91/.A4,95650955 95666768
2.1TD 12v Eng.XUD11BTE	94-	PA542	•	•		1201.54/.55/.A7/.C5/ .C6,1336.L5 96047088

DACIA
Logan '09/04-

1.4 (55 kW) Eng.K7J710	9/04-	PA634		•		82 00 146 298
1.5 dCi (48 kW) Eng.K9K790	05-	PA977		•		77 01 475 995
1.6 (66 kW) Eng.K7M710	9/04-	PA634		•		82 00 146 298
1.6 16v (79 kW) Eng.K4M690	06-	PA724A		•		82 00 428 447

DAEWOO
Cielo '02/95-

1.5 8v (55 kW)	95-8/97	PA442		•		90325660,96351969
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Espero (KLEJ) '10/91-'09/99

1.5 (55 kW)	91-99	PA442		•		90325660,96351969
1.5 16v (65 kW)	93-94	PA695		•		94013802,96351284,96351971,96352649
1.5 16v (66 kW) Eng.A15MF	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)	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)	93-94	PA325		•		90220568

Evanda (KLAL) '08/02-

2.0 (96 kW)	02-	PA572A		•		24409355,90444359,92065969
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Kalos (KLAS) '09/02-

1.2 (53 kW)	4/03-	PA738		•		96518977
1.4 (61 kW)	02-	PA694		•		96350799,96352648
1.4 (69 kW)	4/03-	PA696		•		96182871,96352650

Korando, Cabrio (KJ) '01/99-

2.3 (105 kW)	99-	PA495				102 200 62 01
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Lacetti (KLAN) '02/04-

1.4 (70 kW)	04-	PA696		•		96182871,96352650
1.6 (80 kW)	04-	PA696		•		96182871,96352650
1.8 (90 kW)	04-	PA572A		•		24409355,90444359,92065969

Lanos (KLAT) '05/97-

1.4 (55 kW) Eng.A14SMS	97-	PA694		•		96350799,96352648
1.5 (63 kW) Eng.A15SMS	97-	PA694		•		96350799,96352648
1.6 16v (78 kW) Eng.A16DMS	97-	PA695		•		94013802,96351284,96351971,96352649

Leganza (KLAV) '06/97-'12/02

2.0 16v (98 kW) Eng.X20SED	97-12/02	PA572		•		90466343,92064250
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Matiz (KLYA) '09/98-

0.8 (38 kW)	98-	PA738		•		96518977
1.0 (47 kW)	03-	PA738		•		96518977

Musso (FJ) '01/99-

2.3 (103 kW) Eng.MB-M111.970	99-	PA495				102 200 62 01
2.9 D (73 kW) Eng.MB-OM662	99-	PA448				602 200 02 20

Nexia (KLETN) '02/95-'08/97

1.5 (44-52-55 kW) Eng.G15MF	96-97	PA442		•		90325660,96351969
1.5 16v (66 kW) Eng.A15MF	95-97	PA695		•		94013802,96351284,96351971,96352649



PA210



PA213



PA305



PA351



PA555



PA556



PA572



PA572A



PA696



PA738



PA798



PA1004

		GRAF ref.			NOTE	Ad. OE
Nubira (KLAJ), SW '05/97-						
1.6 (80 kW)	03-	PA696		•		96182871,96352650
1.6 16v (78 kW) Eng.A16DMS	97-	PA696		•		96182871,96352650
1.8 (90 kW)	03-	PA572A		•		24409355,90444359,92065969
2.0 16v (98 kW) Eng.X20SED	97-	PA572A		•		24409355,90444359,92065969
Rezzo '01/00-						
1.6 (77 kW)	00-	PA696		•		96182871,96352650
2.0 (89 kW)	00-	PA572A		•		24409355,90444359,92065969
Tacuma (KLAU) '09/00-						
1.6 (77 kW)	00-	PA696		•		96182871,96352650
2.0 (94 kW)	00-	PA572		•		90466343,92064250
2.0 16v (89 kW)	01-	PA572A		•		24409355,90444359,92065969
Tico (KLY3) '02/95-						
0.8 (35 kW) Eng.F8C	2/95-	PA738		•		96518977

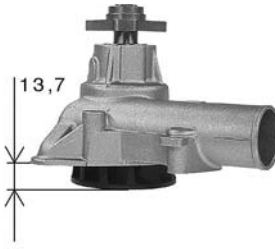
Applause I '06/89-'07/97						
1.6 16v (A101) (66-77 kW) Eng.HD, HD-E	6/89-7/97	PA556				16100-87108,16100-87182/4
1.6 4WD (77 kW) Eng.HD-E	6/89-7/97	PA556				16100-87108,16100-87182/4
Applause II '07/97-						
1.6 16v (73 kW)	97-	PA556				16100-87108,16100-87182/4
Charade II (G11, G30) '10/83-'03/87						
1.0 (G11) (38 kW) Eng.CB22/CB20	83-85	PA305				16100-87787,16100-87796
	85-87	PA798				16100-87786
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) '03/87-'01/93						
1.0 (G100) (38 kW) Eng.CB23	87-92	PA798				16100-87786
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				16100-87786
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				16100-87108,16100-87182/4
Charade IV (G200, G202) '01/93-						
1.0 (38 kW) Eng.CB22	94-96	PA556				16100-87108,16100-87182/4
1.3, 16v (44-55-62 kW) Eng.HC	93-	PA556				16100-87108,16100-87182/4
1.5 (55 kW) Eng.HE	94-	PA556				16100-87108,16100-87182/4
1.5 16v (66 kW) Eng.HEE	97-	PA556				16100-87108,16100-87182/4
Charmant (A) '11/81-'07/87						
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
Cuore VI '10/98-'05/03						
1.0 i (L701) (41 kW) Eng.EJDE	98-03	PA1004				16100-97205,16100-97227,16100-97245
Cuore VII '05/03-						
1.0 (43 kW)	03-	PA1004				16100-97205,16100-97227,16100-97245
Delta Wide '01/76-'12/79						
1.2 Eng.3K	76-79	PA213				16100-29028,16100-29065
1.6 Eng.2T/12/T	76-79	PA210				16100-25012
Feroza (F300) '10/88-						
1.6 16v Hard Top, Soft Top (63 kW) Eng.HDC	88-	PA555				16100-87109,16100-87183/5



PA016



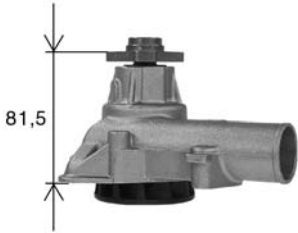
PA017



PA020



PA089



PA163



PA305



PA555



PA556



PA771



PA798



PA826



PA1004


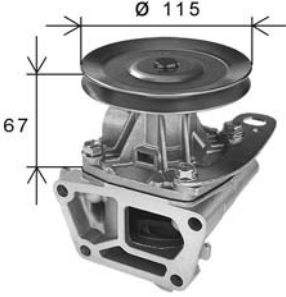



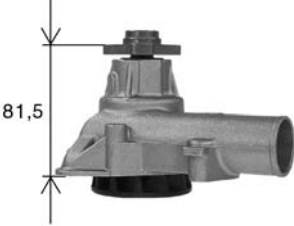
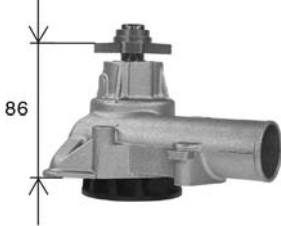





PA1020

		GRAF ref.			NOTE	Ad. OE
1.6 i 16v Hard Top, Soft Top (70 kW) Eng.HDE	88-	PA555				16100-87109,16100-87183/5
Gran Move (G3) '10/96-						
1.5 16v (G303) (66 kW) Eng.HEEG	96-	PA556				16100-87108,16100-87182/4
1.6 16v (G301) (67 kW) Eng.HDEP	98-	PA556				16100-87108,16100-87182/4
Hijet I '06/86-'12/89						
0.8 (29 kW) Eng.CD	86-89	PA798				16100-87786
1.0 (33 kW) Eng.CB	86-89	PA798				16100-87786
Hijet II '12/92-						
1.0 (33 kW) Eng.CB41	92-98	PA798				16100-87786
1.0 i (35 kW) Eng.CB42	94-98	PA305				16100-87787,16100-87796
1.3 i 16v (48 kW)	98-	PA556				16100-87108,16100-87182/4
Move (L6, L9) '10/96-						
1.0 i (41 kW) Eng.EJDE	98-	PA1004				16100-97205,16100-97227,16100-97245
Rocky (F7, F8) '04/84-						
2.0 Hard Top, Soft Top (65 kW) Eng.3Y	85-93	PA771				16100-79035/6/7
Sirion (M1) '04/98-						
1.0 (51 kW)	05-	PA1020				16100-80001,16100-97234
1.0 i, 4WD (41 kW) Eng.EJDE	98-00	PA1004				16100-97205,16100-97227,16100-97245
1.0 i, 4WD (43 kW) Eng.EJ-VE	00-	PA1004				16100-97205,16100-97227,16100-97245
1.3 Sport, 4WD (75 kW) Eng.K3-VE2	00-	PA826			3 fori mozzo/ hub hole	16100-97404,16100-B9010
Sparcar '09/83-'05/86						
0.8 (29 kW) Eng.CD	83-86	PA798				16100-87786
1.0 (33 kW) Eng.CB	83-86	PA798				16100-87786
Sportrak '01/89-						
1.6i 16v (63-70 kW) Eng.HDC/HDE	89-	PA555				16100-87109,16100-87183/5
Terios I (J1) '10/97-						
1.3 4WD (61 kW) Eng.HE-EJ	97-00	PA555				16100-87109,16100-87183/5
YRV (M2) '02/01-						
1.0 (43 kW) Eng.EJ-VE	01-	PA1004				16100-97205,16100-97227,16100-97245
1.3 GTi (95 kW) Eng.K3-VET	02-	PA826			3 fori mozzo/ hub hole	16100-97404,16100-B9010

FIAT

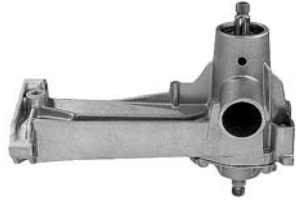
124 '07/66-'07/75						
1.2, SW (44-48 kW) Eng.124A.000	66-75	PA016			Bn-Familiare	4129810,5882684
	66-75	PA020			Pamplona SEAT	4336188
1.4 Special (51 kW) Eng.124B2.000	68-12/71	PA017				4186267
	72-12/72	PA089				4269431,5882687
1.5 Special (55 kW) Eng.124B2.000	73-75	PA089				4269431,5882687
1.5 Special T (59 kW) Eng.124AC3	71-75	PA163				4314160,4314162,4331825,5882689
1.6 Special T (70 kW) Eng.132A9/AC9	73-75	PA163				4314160,4314162,4331825,5882689
124 Coupe '06/67-'02/76						
1.4 Sport (66 kW) Eng.124AC.000	67-69	PA017				4186267
	69-72	PA163				4314160,4314162,4331825,5882689
1.6 (74-81 kW)	70-73	PA089			Eng. -195037	4269431,5882687
	70-73	PA163			Eng. 195038-	4314160,4314162,4331825,5882689
1.6 Sport (76-80 kW) Eng.132AC.000	72-75	PA089			Eng. -195037	4269431,5882687
	72-75	PA163			Eng. 195038-	4314160,4314162,4331825,5882689
1.8 Sport (84-87 kW)	73-76	PA089			Eng. -195037	4269431,5882687
	73-76	PA163			Eng. 195038-	4314160,4314162,4331825,5882689
124 Spider '01/66-'09/85						
1.5 Sport BS (66 kW) Eng.132AC	66-69	PA017				4186267

			
<p>PA017</p>	<p>PA054</p>	<p>PA088</p>	<p>PA089</p>
			
<p>PA159</p>	<p>PA163</p>	<p>PA337</p>	<p>PA554</p>
			
<p>PA559</p>	<p>PA984</p>		

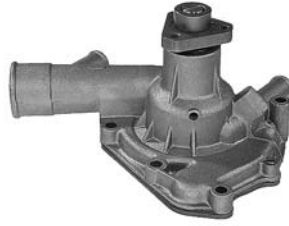
		GRAF ref.			NOTE	Ad. OE
1.5 Sport BS (66 kW) Eng.132AC	70-72	PA089				4269431,5882687
1.6 Sport (81 kW)	69-73	PA089			Eng. -195037	4269431,5882687
	69-73	PA163			Eng. 195038-	4314160,4314162,4331825,5882689
1.6 Sport BS1 (74-76-80 kW) Eng.132AC.000	69-74	PA089			Eng. -195037	4269431,5882687
	69-74	PA163			Eng. 195038-	4314160,4314162,4331825,5882689
1.8 Sport (82 kW)	73-75	PA089			Eng. -195037	4269431,5882687
	73-75	PA163			Eng. 195038-	4314160,4314162,4331825,5882689
1.8 Sport CS1 (84-87 kW)	72-77	PA089			Eng. -195037	4269431,5882687
	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 '07/67-'03/74						
1.6 (66 kW) Eng.125A.000	67-74	PA017			w/AF	4186267
1.6 Special (74 kW) Eng.125B.000	69-73	PA017			w/AF	4186267
126 '09/72-'09/00						
0.7 (19 kW) Eng.126A2.000/126A2.048	87-96	PA984				11193874,14359221,7666244,7691790 7764145
127 '06/71-'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			w/RB	4336009,5882691,5890406
1.0 Sport (51 kW) Eng.127A1.000	78-82	PA159				-
	78-82	PA559			w/RB	4336009,5882691,5890406
1.3 D, Panorama (33 kW) Eng.127A5.000	81-86	PA559			w/RB	4336009,5882691,5890406
1.3 Sport (55 kW) Eng.127A3.000	81-83	PA159				-
	81-83	PA559			w/RB	4336009,5882691,5890406
128 '03/69-'12/84						
1.1 Coupe (47-48 kW) Eng.128AC5.000	72-81	PA054				4194951,4243593,4297101,4329406 4384128,5882695,5983960
	72-81	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.1, Familiare (33 kW) Eng.128A.048	75-81	PA054				4194951,4243593,4297101,4329406 4384128,5882695,5983960
	75-81	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.1, Familiare (40 kW) Eng.128A.000	69-84	PA054				4194951,4243593,4297101,4329406 4384128,5882695,5983960
	69-84	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.3 Coupe, Berlinetta (54-55 kW) Eng.128AC.000	72-79	PA054				4194951,4243593,4297101,4329406 4384128,5882695,5983960
	72-79	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.3 Rally (49 kW)	71-76	PA054				4194951,4243593,4297101,4329406 4384128,5882695,5983960
	71-76	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.3 Sport, Familiare (44 kW) Eng.128A1.000	74-84	PA054				4194951,4243593,4297101,4329406 4384128,5882695,5983960
	74-84	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974



PA006



PA008



PA018



PA019



PA076



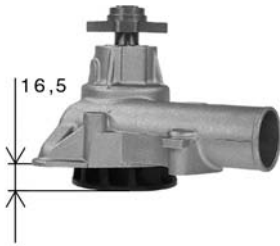
PA089



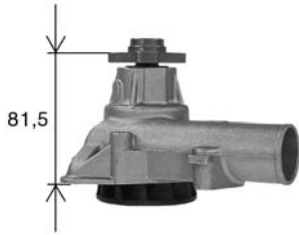
PA159



PA161



PA162



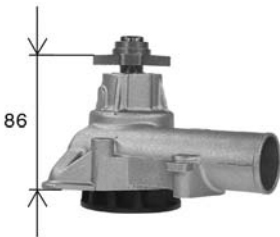
PA163



PA168



PA248

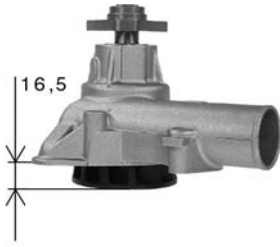


PA337



PA559

		GRAF ref.			NOTE	Ad. OE
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	78-80	PA163			Eng. -1262917	4314160,4314162,4331825,5882689
1.4 Mirafiori (51 kW) Eng.131C1.000	80-84	PA248				4456432,5882692
1.4 Super Mirafiori (55 kW) Eng.131C1.000	81-83	PA337			Eng. 1262918-	5882693,5936494
1.6 Mirafiori (55 kW) Eng.131A1.000	84-81	PA162				4332090
1.6 Mirafiori (63 kW) Eng.131C2.000	76-84	PA248				4456432,5882692
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 '04/72-'12/82						
1.6 (65 kW)	77-82	PA163				4314160,4314162,4331825,5882689
1.6 (66 kW) Eng.132C6.000	77-81	PA163				4314160,4314162,4331825,5882689
1.6 (72 kW) Eng.132C.000	72-73	PA089				4269431,5882687
	74-82	PA163				4314160,4314162,4331825,5882689
1.7 GLS (79-82 kW) Eng.132B1.000	74-81	PA163				4314160,4314162,4331825,5882689
1.7 Special (77 kW)	72-74	PA089				4269431,5882687
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.127AJ	80-83	PA159				-
	80-83	PA559			w/RB	4336009,5882691,5890406
1500 Cabrio '06/64-'10/67						
1.5 (49-55 kW) Eng.115C	64-67	PA019				4081489
1500-2300 '07/62-'12/70						
1.3 Eng.116C	61-66	PA018				4067807,4068101,4119143
1.5 L (55 kW) Eng.115	-12/63	PA018				4067807,4068101,4119143
1.8 Eng.112	62-70	PA019				4081489
2.3 (75 kW) Eng.114B	62-69	PA019				4081489
600 '03/55-'02/72						
0.8 (17 kW) Eng.100D	60-72	PA006				4065269
850 '07/64-'12/72						
0.8 (25 kW)	64-72	PA008				4172066
0.8 (35 kW) Eng.100GC	68-72	PA008				4172066
0.8 Berlina, super (27 kW)	64-72	PA008				4172066
0.8 Spider (36 kW) Eng.100GS	65-68	PA008				4172066
0.8 T-Familiare (30 kW) Eng.100GF	64-72	PA076				4181521,4209701,5882685
0.9 Sport Coupe (38 kW) Eng.100GBC, GBS	68-72	PA076				4181521,4209701,5882685
Argenta (132A) '06/78-'07/86						
1.6,ie (66-72 kW) Eng.132D.000	81-85	PA163			Eng. -1262886	4314160,4314162,4331825,5882689
	81-85	PA337			Eng. 1262887-	5882693,5936494
2.0 (83 kW) Eng.132D1.000/132C2.000	78-85	PA163			Eng. -1262902	4314160,4314162,4331825,5882689
	78-85	PA337			Eng. 1262903-	5882693,5936494
2.0 Volumex (99 kW) Eng.132E	83-85	PA168				4328136,5882688
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
2.5 D (53 kW) Eng.8144.61	81-85	PA161				4720031,4755003,4764782,7303050



PA162



PA276



PA286A



PA451



PA496



PA614



PA615



PA616



PA620



PA621



PA622



PA629



PA672



PA689



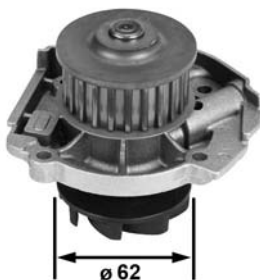
PA690



PA693



PA739



PA866



PA901



PA984

		GRAF ref.			NOTE	Ad. OE
2.5 TD (66 kW) Eng.8144.61.500.81	83-85	PA276				7302010,7303051
Barchetta (183) '04/95-						
1.8 16v (96 kW) Eng.183A1.000/188A6.000	95-	PA621		•		60586222,60811328
Brava, Bravo (182) '10/95-'10/01						
1.2 16v 80 (59 kW) Eng.188A5.000	00-01	PA866		•		46520401,55184081,55198547
1.2 16v 80 (60 kW) Eng.182B2.000	12/98-3/99	PA693		•		46422512,71713728
	4/99-00	PA866		•		46520401,55184081,55198547
1.4 (55 kW) Eng.182A5.000	95-97	PA614		•	Eng. -705143	7762924
	97-10/01	PA690		•	Eng. 705144-	46515971
1.4 12 V (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				46400058,46444355
1.6 16v (76 kW) Eng.182A4.000	96-01	PA620	•			46400058,46444355,71716878
	96-01	PA629				46400058,46444355
1.8 GT 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
1.9 JTD 105 (77 kW) Eng.182B4.000	98-01	PA672		•		46515970,46515972,60814609
1.9 TD 100 S (74 kW) Eng.182A7.000	96-01	PA615		•	Eng. -719176	7762925
	96-01	PA672		•	Eng. 719177-	46515970,46515972,60814609
1.9 TD 75 S (55 kW) Eng.182A8.000	96-01	PA615		•	Eng. -719176	7762925
	96-01	PA672		•	Eng. 719177-	46515970,46515972,60814609
2.0 HGT 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 '03/07-						
1.4 16v (66 kW)	07-	PA866		•	Imp. Pierburg	46520401,55184081,55198547
1.9 MJT (88 kW) Eng.939A1.000	07-	PA672		•		46515970,46515972,60814609
1.9 MJT 16v (110 kW) Eng.939A2.000	07-	PA901		•		46804051
Campagnola '06/74-'10/89						
2.0 (59 kW) Eng.6132AZ2.000	78-85	PA162				4332090
Cinquecento (170) '07/91-'01/98						
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			w/Air	71737966,7762986
0.9 i.e. (30 kW) Eng.170A1.046	91-93	PA451				46742168,7724414
	91-93	PA689			w/Air	71737966,7762986
0.9 i.e. S (29 kW) Eng.1170A1.046	91-98	PA451				46742168,7724414
	91-98	PA689			w/Air	71737966,7762986
1.1 Sporting (40 kW) Eng.176B2.000	94-98	PA286A		•		46423351,5973713,71713727,7640163 7691820,7715242
	94-98	PA739		•	Eng. 9042883-	46526243,46805736,55184080
Coupe (FA/175) '11/93-						
1.8 16v (96 kW) Eng.183A1.000	96-	PA621		•		60586222,60811328
2.0 16v (102 kW) Eng.836A3.000	93-96	PA496				60810426,71737965,7708187,7747388



PA293



PA294



PA298



PA346



PA378A



PA399



PA452



PA496



PA503



PA616



PA620



PA629



PA672



PA739



PA866



PA887



PA901



PA957



PA959



KIT368

		GRAF ref.			NOTE	Ad. OE
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			+KIT368, Ch -0286050	7597569,7631494,7658606,7658607 7692285,7693569
	89-92	KIT368			Ch -0286050	
	89-92	PA378A			Ch 0286051-, w/Air	7597569,7631494,7658606,7658607 7692285,7693569
1.9 TD i.d. (69 kW) Eng.154D1.000	92-96	PA378A			Ch 0286051-	7597569,7631494,7658606,7658607 7692285,7693569
2.0 16v (101 kW) Eng.154E1.000	92-96	PA399			Ch 0285922-	7609204,7661811,7695555,7695559 7747386
2.0 CHT (66 kW) Eng.154A1.000	85-91	PA293				5973319
2.0 CHT (74 kW)	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 D (55 kW) Eng.8144.67	85-89	PA294				4822231,4829216,7302554
2.5 TD (74 kW) Eng.8144.91.2000	85-89	PA294				4822231,4829216,7302554
2.5 TD (85 kW) Eng.8144.97Y	93-96	PA503				98435125,99440930
2.5 TDE (77 kW) Eng.8144.97S	91-96	PA294			Eng. -1340162	4822231,4829216,7302554
	91-96	PA452			Eng. 1340163-	98430541
2.5 V6 (119 kW) Eng.834G.000	93-96	PA346				71737989

Croma (194) '05/05-

1.8 Mpi (103 kW) Eng.939A4	05-	PA959				71739779
1.9 MJT (88 kW) Eng.939A1.000	05-	PA901		•		46804051
1.9 MJT 16v (110 kW) Eng.939A2.000	05-	PA901		•		46804051
2.2 Mpi 16v (108 kW) Eng.194A1.000	05-	PA957	•			71739401
2.4 MJT 20v (147 kW) Eng.939A3.000	05-	PA672		•		46515970,46515972,60814609

Doblò (223) '03/01-'04/05

1.2 (48 kW) Eng.223A5.000	01-05	PA739		•		46526243,46805736,55184080
1.3 JTD 16v (51 kW) Eng.188A9.000	04-05	PA887				46815125,46819138,71745026
1.6 16v (76 kW) Eng.182B6.000	01-05	PA620	•			46400058,46444355,71716878
	01-05	PA629				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
1.9 JTD (77 kW) Eng.223A7.000	03-05	PA672		•		46515970,46515972,60814609

Doblò Restyling (223) '05/05-

1.3 MTJ (Germany) (62 kW) Eng.223A9.000	05-	PA887				46815125,46819138,71745026
1.3 MTJ 16v (55 kW) Eng.199A2.000	05-	PA887				46815125,46819138,71745026
1.4 Mpi (55 kW) Eng.350A1.000	05-	PA866		•		46520401,55184081,55198547



PA159



PA338A



PA559



PA614



PA615



PA616



PA620



PA621



PA629



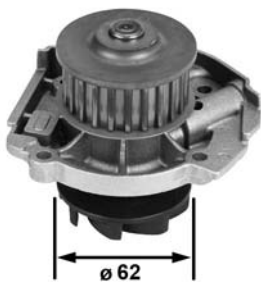
PA672



PA690



PA693



PA866



PA887

		GRAF ref.			NOTE	Ad. OE
1.6 16v (76 kW) Eng.182B6.000	05-	PA629				46400058,46444355
1.9 MJ (77 kW) Eng.223B1.000	05-	PA672		•		46515970,46515972,60814609
1.9 MJT (74 kW) Eng.223B2.000	05-	PA672		•		46515970,46515972,60814609
1.9 MJT (88 kW) Eng.186A9.000	05-	PA672		•		46515970,46515972,60814609

Duna (146 B), Weekend '01/87-'12/91

1.1 60 (43 kW) Eng.146A6.000	87-91	PA159				-
	87-91	PA559			w/RB	4336009,5882691,5890406
1.3 70 (49 kW) Eng.146A5.000	87-91	PA159				-
	87-91	PA559			w/RB	4336009,5882691,5890406
1.7 DS (44 kW) Eng.149B3.000	87-91	PA338A				46409136,71737977,7608844,7693966

Grande Punto IV (199) '09/05-

1.2 (48 kW) Eng.199A4.000	05-	PA866		•		46520401,55184081,55198547
1.3 MJT 16v (55 kW) Eng.199A2.000	05-	PA887				46815125,46819138,71745026
1.3 MJT 16v (66 kW) Eng.199A3.000	05-	PA887				46815125,46819138,71745026
1.4 (57 kW) Eng.350A1.000	05-	PA866		•		46520401,55184081,55198547
1.4 16v (70 kW) Eng.199A6.000	06-	PA866		•		46520401,55184081,55198547
1.9 MJT (88 kW) Eng.939A1.000	05-	PA672		•		46515970,46515972,60814609
1.9 MJT (96 kW) Eng.199A5.000	05-	PA672		•		46515970,46515972,60814609

Idea '01/04-

1.2 (59 kW) Eng.188A5.000	04-	PA866		•		46520401,55184081,55198547
1.3 MJT (51 kW) Eng.188A9.000	04-	PA887				46815125,46819138,71745026
1.3 MJT 16v (66 kW) Eng.199A3.000	05-	PA887				46815125,46819138,71745026
1.4 (57 kW) Eng.350A1.000	05-	PA866		•		46520401,55184081,55198547
1.4 16v (66-70 kW) Eng.192B2.000,843A1.000	04-	PA866		•		46520401,55184081,55198547
1.9 JTD (74 kW) Eng.188B2.000	04-	PA672		•		46515970,46515972,60814609

Marea (185) '09/96-

1.2 16v (60 kW) Eng.182B2.000	5/99-6/02	PA866		•		46520401,55184081,55198547
	98-4/99	PA693		•		46422512,71713728
1.4 80 12V (59 kW) Eng.182A3.000	96-97	PA614		•	Eng. -705144	7762924
	97-	PA690		•	Eng. 705145-	46515971
1.6 100 16v, Bipower (76 kW) Eng.182A4,186A4/A3	96-	PA620	•			46400058,46444355,71716878
	96-	PA629				46400058,46444355
1.8 115 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
1.9 JTD 110 (81 kW) Eng.186A6.000	01-	PA672		•		46515970,46515972,60814609
1.9 TD (55-74 kW) Eng.182A7/A8	96-02	PA615		•	Eng. -719176	7762925
	96-02	PA672		•	Eng. 719177-	46515970,46515972,60814609
2.0 150 20v (108 kW) Eng.182A1.000	96-4/99	PA616		•		7762926
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
2.4 JTD 130 (96 kW) Eng.839A5.000	99-	PA672		•		46515970,46515972,60814609
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 '09/96-

1.2 16v (60 kW) Eng.182B2.000	5/99-6/02	PA866		•		46520401,55184081,55198547
	98-4/99	PA693		•		46422512,71713728
1.4 80 12V (59 kW) Eng.182A3.000	96-97	PA614		•	Eng. -705144	7762924
	97-	PA690		•	Eng. 705145-	46515971
1.6 100 16v (76 kW) Eng.182A4.000	96-	PA620	•			46400058,46444355,71716878
	96-	PA629				46400058,46444355
1.8 115 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
1.9 JTD 110 (81 kW) Eng.186A6.000	01-	PA672		•		46515970,46515972,60814609
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



PA088



PA286A



PA354



PA451



PA553



PA615



PA616



PA620



PA629



PA672



PA739



PA866



PA880



PA998

		GRAF ref.			NOTE	Ad. OE
1.9 TD 75 (55 kW) Eng.182A8.000	96-02	PA672			• Eng. 719177-	46515970,46515972,60814609
2.0 150 20v (108 kW) Eng.182A1.000	96-4/99	PA616			•	7762926
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
2.4 JTD 130 (96 kW) Eng.839A5.000	99-	PA672			•	46515970,46515972,60814609
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) '04/99-

1.6 100 16v (76 kW) Eng.182A4.000	99-	PA620	•			46400058,46444355,71716878
	99-	PA629				46400058,46444355
1.6 16v Bipower (76 kW) Eng.186A4/182B6	99-	PA620	•			46400058,46444355,71716878
	99-	PA629				46400058,46444355
1.6 16v Blupower (70 kW) Eng.186A3.000	99-	PA620	•			46400058,46444355,71716878
	99-	PA629				46400058,46444355
1.9 JTD 105 (77 kW) Eng.182B4.000	99-02	PA672		•		46515970,46515972,60814609
1.9 JTD 110 (81 kW) Eng.186A6.000	01-02	PA672		•		46515970,46515972,60814609
1.9 JTD 115 (85 kW) Eng.186A8.000	02-	PA672		•		46515970,46515972,60814609
1.9 MJT 120 (88 kW) Eng.186A9.000	04-	PA672		•		46515970,46515972,60814609

Palo Weekend (178DX) '04/96-

1.2 (44 kW) Eng.188A4.000	01-	PA739		•		46526243,46805736,55184080
1.2 16v (54 kW) Eng.188A5.000	96-01	PA866		•		46520401,55184081,55198547
1.6 16v (74 kW) Eng.178B3.000	96-01	PA620	•			46400058,46444355,71716878
	96-01	PA629				46400058,46444355
1.6 16v (76 kW) Eng.182B6.000	01-	PA620	•			46400058,46444355,71716878
	01-	PA629				46400058,46444355
1.7 TD (51 kW) Eng.176A3.000	96-01	PA553			Eng. -2427907	46445405,71737981,7781232
	96-01	PA880			Eng. 2427908-	46757573,46757574
1.9 D (46 kW) Eng.223A6.000	01-	PA672		•		46515970,46515972,60814609
1.9JTD (74 kW) Eng.188A2.000	02-	PA672		•		46515970,46515972,60814609

Palo/Siena (178BX) '04/96-

1.0 (45-56 kW) Eng.178A1.000	96-	PA998			Exc. Europe	46527473
1.2 16v (54 kW) Eng.178B5.000	98-	PA286A	•			46423351,5973713,71713727,7640163 7691820,7715242
	98-	PA739	•		Eng. 9042883-	46526243,46805736,55184080
1.2 8v (45 kW) Eng.178C4.066	-04/99	PA286A	•			46423351,5973713,71713727,7640163 7691820,7715242
	02-04	PA739	•		Eng. 9042883	46526243,46805736,55184080
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)	96-98	PA998			Exc. Europe	46527473
1.6 16v (74 kW) Eng.178B3.000	96-	PA620	•			46400058,46444355,71716878
	96-	PA629				46400058,46444355
1.7 TD (51 kW) Eng.176B3.000	-10/99	PA553				46445405,71737981,7781232
	10/99-	PA880				46757573,46757574

Panda I (141A) '10/80-

0.75 Fire (25 kW) Eng.156A4.000	86-95	PA286A		•		46423351,5973713,71713727,7640163 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
1.0 4WD (32 kW) Eng.156A2.100/156A3.100	86-92	PA286A	•			46423351,5973713,71713727,7640163 7691820,7715242
1.0 i.e. Kat, 4WD (33 kW) Eng.141C2/156A2.246	87-98	PA286A	•			46423351,5973713,71713727,7640163 7691820,7715242
1.0, 4WD (37 kW) Eng.156A3.000	86-92	PA286A	•			46423351,5973713,71713727,7640163 7691820,7715242
1.1, 4WD (40 kW) Eng.176B2.000	95-	PA286A	•			46423351,5973713,71713727,7640163 7691820,7715242



PA286A



PA394



PA552



PA553



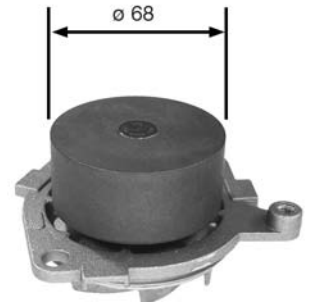
PA559



PA601



PA621



PA631



PA672



PA693



PA739



PA866



PA887

		GRAF ref.			NOTE	Ad. OE
1.1, 4WD (40 kW) Eng.176B2.000	95-	PA739			• Eng. 9042883-	46526243,46805736,55184080
1.1, Trekking 4WD (37 kW) Eng.156C.046	91-	PA286A			•	46423351,5973713,71713727,7640163 7691820,7715242
	91-	PA739			• Eng. 9042883-	46526243,46805736,55184080
1.3 D (27 kW) Eng.156A5.000	86-92	PA559			w/RB	4336009,5882691,5890406

Panda II (169) '09/03-

1.1 (40 kW) Eng.187A1.000	03-	PA739			• Eng. -2533528	46526243,46805736,55184080
	03-	PA866			• Eng. 2533529-	46520401,55184081,55198547
1.2 (44 kW) Eng.188A4.000	03-	PA739			• Eng. -2533528	46526243,46805736,55184080
	03-	PA866			• Eng. 2533529-	46520401,55184081,55198547
1.2 4WD (44 kW) Eng.188A4.000	04-	PA739			• Eng. -2533528	46526243,46805736,55184080
	04-	PA866			• Eng. 2533529-	46520401,55184081,55198547
1.3 JTD (51 kW) Eng.188A9.000	03-	PA887				46815125,46819138,71745026
1.3 JTD 4WD (51 kW) Eng.188A9.000	04-	PA887				46815125,46819138,71745026
1.4 16v (74 kW) Eng.169A3.000	06-	PA866			•	46520401,55184081,55198547

Punto I (176,C), Cabrio '09/93-'09/99

1.1 55 (40 kW) Eng.176A6.000/176B2.000	93-3/99	PA286A			•	46423351,5973713,71713727,7640163 7691820,7715242
	4/99-	PA739			• Eng. 9042883-	46526243,46805736,55184080
1.2 60, Cabrio (43 kW) Eng.176A7.000	94-3/99	PA286A			•	46423351,5973713,71713727,7640163 7691820,7715242
	4/99-	PA739			• Eng. 9042883-	46526243,46805736,55184080
1.2 60, Cabrio (44 kW) Eng.176B1.000/176B4.000	94-3/99	PA286A			•	46423351,5973713,71713727,7640163 7691820,7715242
	4/99-	PA739			• Eng. 9042883-	46526243,46805736,55184080
1.2 75 (54 kW) Eng.176A8.000	94-3/99	PA286A			•	46423351,5973713,71713727,7640163 7691820,7715242
	4/99-	PA739			• Eng. 9042883-	46526243,46805736,55184080
1.2 85 16v, Cabrio (63 kW) Eng.176B9.000	4/99-	PA866			•	46520401,55184081,55198547
	97-3/99	PA693			•	46422512,71713728
1.4 GT T. (96 kW) Eng.176B6.000	96-99	PA552	•			46410549,46437912,46437916,71716893 71737979,7750698
1.4 GT T. (98 kW) Eng.176A4.000	94-96	PA552	•			46410549,46437912,46437916,71716893 71737979,7750698
	94-96	PA601				46410549,46437912,46437916,7750698
1.6 90, Cabrio (65 kW) Eng.176A9.000	94-97	PA552	•			46410549,46437912,46437916,71716893 71737979,7750698
	94-97	PA601				46410549,46437912,46437916,7750698
1.7 D (42 kW) Eng.176B3.000	94-97	PA553				46445405,71737981,7781232
1.7 TD, TDs (46 kW) Eng.176B7.000	96-99	PA553				46445405,71737981,7781232
1.7 TD, TDs (54 kW) Eng.176A3.000	94-99	PA553				46445405,71737981,7781232
1.7 TDs (52 kW) Eng.176A5.000	94-99	PA553			Eng. -2427907	46445405,71737981,7781232

Punto II (188) '09/99-'07/03


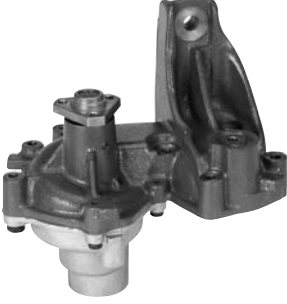
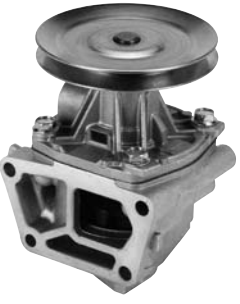
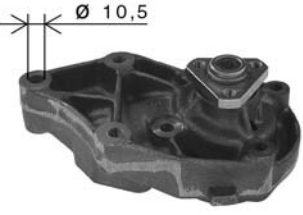





1.2 16v 80 (59 kW) Eng.188A5.000	99-03	PA866			•	46520401,55184081,55198547
1.2 60 (44 kW) Eng.188A4.000	99-03	PA739			•	46526243,46805736,55184080
1.8 130 HGT (96 kW) Eng.183A1.000/188A6.000	99-03	PA621			•	60586222,60811328
1.9 DS 60 (44 kW) Eng.188A3.000	99-03	PA672			•	46515970,46515972,60814609
1.9 JTD 80 (59 kW) Eng.188A2.000	99-03	PA672			•	46515970,46515972,60814609

Punto III '10/01-'09/05

1.2 16v (59 kW) Eng.188A5	03-05	PA866			•	46520401,55184081,55198547
1.2 Natural Power (44 kW) Eng.188A4	03-05	PA739			• Eng. -2533528	46526243,46805736,55184080
	03-05	PA866			• Eng. 2533529-	46520401,55184081,55198547
1.3 MJ JTD (51 kW) Eng.188A9.000	03-05	PA887				46815125,46819138,71745026
1.4 16v (70 kW) Eng.843A1.000	03-05	PA866			•	46520401,55184081,55198547
1.8 16v (96 kW) Eng.188A6	03-05	PA631			•	60816231
1.9 JTD (63 kW) Eng.188A7.000	01-05	PA672			•	46515970,46515972,60814609
1.9 MJ (74 kW) Eng.188B2	03-05	PA672			•	46515970,46515972,60814609

Regata (138) '09/83-'12/90




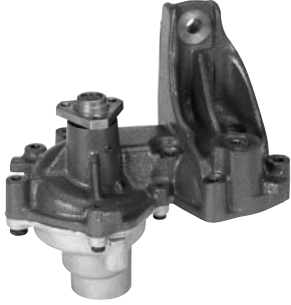
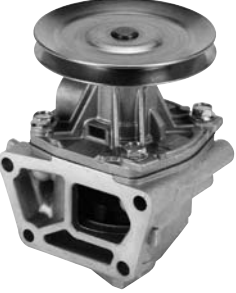
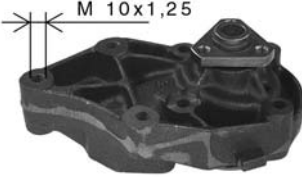





1.1 60 (44 kW) Eng.138B	83-90	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
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<p>PA285</p>	<p>PA339A</p>	<p>PA394</p>	<p>PA416</p>
			
<p>PA418</p>	<p>PA554</p>	<p>PA585</p>	<p>PA596</p>
			
<p>KIT291</p>			

		GRAF ref.			NOTE	Ad. OE
1.1 60 (44 kW) Eng.138B	83-90	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.3 70 (48 kW) Eng.149A7.000/149A3.000	83-86	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	83-86	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
	86-89	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	86-89	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.3 70 (50 kW) Eng.138B2.000	83-86	PA394			M/T+A/T	4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	83-86	PA554	•		M/T+A/T	4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
	83-86	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.5 75 (55 kW) Eng.138B3.048	83-85	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	83-85	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.5 75 (55 kW) Eng.138C3.048	86-87	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	86-87	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
1.5 85 (58 kW) Eng.149A5.000	85-87	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.5 85 Super (60 kW) Eng.138B3.000	83-85	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	83-85	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.5 i.e. 75 (55 kW) Eng.149C1.000/138C2.048	85-86	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	85-86	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
	86-89	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	86-89	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.6 100 Super (70-74 kW) Eng.149A4.000/149A2.000	83-86	PA418				4458134,7574887
1.9 D 65 (48 kW) Eng.149A1.000	84-86	PA339A			+KIT291, Eng. -7380450, w/PS, w/Air	7541374,7565287,7589775,7657363
	84-86	KIT291			Eng. -7380450, w/PS, w/Air	
1.9 TD 80 (59 kW) Eng.831D1.000	86-89	PA339A			+KIT291, w/Air	7541374,7565287,7589775,7657363
	86-89	KIT291			w/Air	
2.0 Twin-Cam	88-90	PA416				7616151

Regata Weekend '01/84-'12/90

1.3 70 (50 kW) Eng.138B2.000	84-89	PA394			M/T+A/T	4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	84-89	PA554	•		M/T+A/T	4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
	84-89	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.5 75 (55 kW) Eng.138C3.048/138B3.048	84-86	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974

			
<p>PA159</p>	<p>PA269</p>	<p>PA285</p>	<p>PA339A</p>
	 <p>M 10x1,25</p>	 <p>115</p>	
<p>PA394</p>	<p>PA418</p>	<p>PA554</p>	<p>PA559</p>
 <p>115</p> <p>70,5</p>			
<p>PA585</p>	<p>PA596</p>	<p>KIT291</p>	



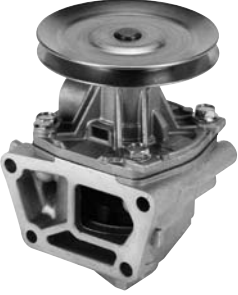




		GRAF ref.			NOTE	Ad. OE
1.5 75 (55 kW) Eng.138C3.048/138B3.048	84-86	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
	86-89	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	86-89	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
1.5 85 (60 kW) Eng.138C3	84-86	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	84-86	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
	86-89	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	86-89	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
1.5 i.e. 75 Kat (55 kW) Eng.138C2.048	86-89	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	86-89	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	86-89	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
	86-89	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
1.6 100 (74 kW) Eng.149A4.000	84-86	PA418				4458134,7574887
1.6 i.e. 100 (74 kW)	87-90	PA418				4458134,7574887
1.9 D 65 (48 kW) Eng.149A1.000	84-86	PA339A			+KIT291, Eng. -7380450, w/PS, w/Air	7541374,7565287,7589775,7657363
	84-86	KIT291			Eng. -7380450, w/PS, w/Air	
1.9 TD 80 (59 kW) Eng.831D1.000	86-89	PA339A			+KIT291, w/Air	7541374,7565287,7589775,7657363
	86-89	KIT291			w/Air	

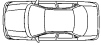



Ritmo Bertone Cabrio '01/80-'07/89

1.3 50 (50 kW)	85-87	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	85-87	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
	85-87	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.5 85 (60 kW) Eng.138B3.000	83-86	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	83-86	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
	83-86	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.5 85 (63 kW) Eng.138A4.000	80-89	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	80-89	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
	80-89	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.6 100 (74 kW) Eng.138AR.048	-85	PA269				4466193
	86-87	PA418				4458134,7574887
1.6 100 (77 kW)	-85	PA269				4466193
	86-87	PA418				4458134,7574887

Ritmo I (138A) '01/78-'12/87

1.0 60 (44 kW) Eng.127A6.000	78-82	PA159				-
	78-82	PA559			w/RB	4336009,5882691,5890406
1.3 65 (48 kW) Eng.138A1.000	78-82	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	78-82	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974

			
<p>PA269</p>	<p>PA285</p>	<p>PA394</p>	<p>PA418</p>
			
<p>PA554</p>	<p>PA585</p>	<p>PA596</p>	

		GRAF ref.			NOTE	Ad. OE
1.3 65 (48 kW) Eng.138A1.000	78-82	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.3 70 (45 kW) Eng.149A7.000/149A3.000	83-85	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	83-85	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
	83-85	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.3 75 (55 kW) Eng.138A3.000	81-82	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	81-82	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
	81-82	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.5 75 (55 kW) Eng.138A2.000/138C3.048	78-82	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	78-82	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
	78-82	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.5 85 (63 kW) Eng.138A4.000	81-82	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	81-82	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
	81-82	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.5 i.e. 75 (55 kW) Eng.138C2.048/149C1.000	85-87	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	85-87	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
	85-87	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.6 105 Sport (77 kW) Eng.138AR.000	81-82	PA269				4466193
1.6 i.e. 90 (66 kW) Eng.149C2.000	-85	PA269				4466193
	86-87	PA418				4458134,7574887
2.0 125 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	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	82-83	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
	83-85	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	83-85	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
1.1 60 (43 kW) Eng.146A4.048	85-87	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	85-87	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.3 70 (50 kW) Eng.138B2.000	83-85	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	83-85	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
	83-85	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.5 75 (55 kW)	85-88	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	85-88	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
	85-88	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.5 75 Kat (55 kW) Eng.149C1.000/138C2.048	85-88	PA285				5996594,7565764,7580754,7691043 7719921,7784981



PA230



PA269



PA285



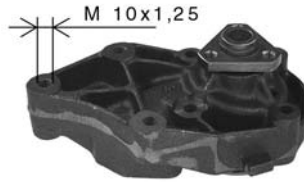
PA286A



PA366



PA398



PA418



PA451



PA566



PA585



PA596



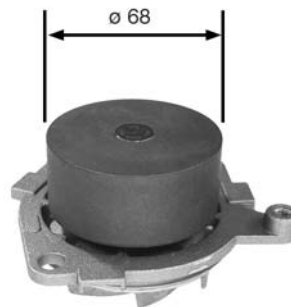
PA616



PA620



PA629



PA631



PA672



PA739



PA866



PA901



PA946

		GRAF ref.			NOTE	Ad. OE
1.5 75 Kat (55 kW) Eng.149C1.000/138C2.048	85-88	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
	85-88	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.5 85 (58 kW) Eng.149A5.000	85-87	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	85-87	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
	85-87	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.5 85 (60 kW) Eng.138B3.000	83-87	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	83-87	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
	83-87	PA596	•		w/Air	5924366,5990701,7633560,7671810
1.6 100 (74 kW) Eng.149A4.000	83-87	PA418				4458134,7574887
1.6 105 (77 kW) Eng.138AR.000	83-87	PA269				4466193
1.6 i.e. 90 (66 kW) Eng.138AR.000	85-87	PA418				4458134,7574887
1.7 D 60 (43 kW) Eng.138B6.000	82-83	PA230				4364117,5984047
2.0 125 TC Abarth (92 kW)	82-87	PA269				4466193
2.0 130 TC Abarth (96 kW) Eng.138AR2.000	83-87	PA269				4466193

Sedici '01/06-

1.6 16v 4x4 (79 kW) Eng.M16A	06-	PA946				71742124
1.9MJT 4x4 (88 kW) Eng.D19AA	06-	PA672	•			46515970,46515972,60814609

Seicento (187) '01/98-

0.9, Van (29 kW) Eng.1170A1.046	98-	PA451				46742168,7724414
1.1, Van (40 kW) Eng.176B2.000/187A1.000	98-3/99	PA286A	•			46423351,5973713,71713727,7640163 7691820,7715242
	4/99-	PA739	•	Eng. 9042883-		46526243,46805736,55184080

Stilo (192), Multi Wagon '10/01-

1.2 16v (Exc. SW) (59 kW) Eng.188A5.000	02-	PA866		•		46520401,55184081,55198547
1.4 16v (70 kW) Eng.843A1.000	04-	PA866		•		46520401,55184081,55198547
1.6 16v (76 kW) Eng.182B6.000	01-	PA620	•			46400058,46444355,71716878
	01-	PA629				46400058,46444355
1.8 16v (98 kW) Eng.192A4.000	01-	PA631		•		60816231
1.9 JTD (59 kW) Eng.192A3.000	02-	PA672		•		46515970,46515972,60814609
1.9 JTD (85 kW) Eng.192A1.000	01-	PA672		•		46515970,46515972,60814609
1.9 JTD (103 kW) Eng.192A5.000	04-	PA901		•		46804051
1.9 JTD (Belgium) (100 kW) Eng.192B1.000	04-	PA901		•		46804051
1.9 JTD (France) (93 kW) Eng.937A4.000	03-	PA901		•		46804051
1.9 MJT (74 kW) Eng.192A9.000	05-	PA672		•		46515970,46515972,60814609
1.9 MJT (88 kW) Eng.192A8.000	05-	PA672		•		46515970,46515972,60814609
1.9 MJT (110 kW) Eng.937A5	05-	PA672		•		46515970,46515972,60814609
2.4 20v (Exc. SW) (125 kW) Eng.192A2.000	01-	PA616		•		7762926

Tempra (159) '03/90-'08/96

1.4 i.e. (51 kW) Eng.836A4.000/160A1.046	92-93	PA366				7630343,7691048,7719918,7737257 7784975
	92-93	PA566	•			7630343,7691048,7719918,7737257 7784975
	93-96	PA398			Eng. -9336692	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979



PA366



PA398



PA552



PA566



PA598



PA599



PA601



PA623



PA626



PA630

		GRAF ref.  	NOTE	Ad. OE
1.4 i.e. (51 kW) Eng.836A4.000/160A1.046	93-96	PA598 •	Eng. -9336692	7635148,7651586,7691047,7770038 7784979
	93-96	PA599 •	Eng. -9336692, w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	93-96	PA552 •	Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,71716893 71737979,7750698
	93-96	PA601	Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,7750698
	93-96	PA626 •	Eng. 9336693-	46437911,7752928
	93-96	PA630	Eng. 9336693-	46437911,7752928
1.4 i.e. (57 kW) Eng.159A2.000	91-93	PA366		7630343,7691048,7719918,7737257 7784975
	91-93	PA566 •		7630343,7691048,7719918,7737257 7784975
	93-96	PA398	Eng. -9336692	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
	93-96	PA598 •	Eng. -9336692	7635148,7651586,7691047,7770038 7784979
	93-96	PA599 •	Eng. -9336692, w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	93-96	PA552 •	Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,71716893 71737979,7750698
	93-96	PA601	Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,7750698
	93-96	PA626 •	Eng. 9336693-	46437911,7752928
	93-96	PA630	Eng. 9336693-	46437911,7752928
1.6 (63 kW) Eng.159A3.000	90-93	PA366		7630343,7691048,7719918,7737257 7784975
	90-93	PA398	w/Air	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
	90-93	PA566 •		7630343,7691048,7719918,7737257 7784975
	90-93	PA598 •	w/Air	7635148,7651586,7691047,7770038 7784979
	90-93	PA623 •	w/PS	7720988,7737201,7784987
	90-93	PA599 •	Eng. -9336692, w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
1.6 i.e. (55 kW) Eng.835C1.000/159A3.048	92-93	PA366		7630343,7691048,7719918,7737257 7784975
	92-93	PA398	w/Air	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
	92-93	PA566 •		7630343,7691048,7719918,7737257 7784975
	92-93	PA598 •	w/Air	7635148,7651586,7691047,7770038 7784979
	92-93	PA623 •	w/PS	7720988,7737201,7784987
	93-96	PA599 •	Eng. -9336692, w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	93-96	PA552 •	Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,71716893 71737979,7750698
	93-96	PA601	Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,7750698
1.6 i.e. (57 kW) Eng.159A3.046	90-93	PA366		7630343,7691048,7719918,7737257 7784975
	90-93	PA398	w/Air	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
	90-93	PA566 •		7630343,7691048,7719918,7737257 7784975
	90-93	PA598 •	w/Air	7635148,7651586,7691047,7770038 7784979
	90-93	PA623 •	w/PS	7720988,7737201,7784987
	93-96	PA599 •	Eng. -9336692, w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	93-96	PA552 •	Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,71716893 71737979,7750698

			
PA365	PA366	PA372	PA397
			
PA398	PA497	PA552	PA566
			
PA598	PA599	PA601	PA605A
			
PA623	PA626	PA630	PA659

		GRAF ref.			NOTE	Ad. OE
1.6 i.e. (57 kW) Eng.159A3.046	93-96	PA601			Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,7750698
1.6 i.e. (63-66 kW) Eng.159B9.000	94-96	PA623	•		w/PS	7720988,7737201,7784987
1.8 i.e. (66 kW) Eng.835C4.000	93-96	PA497				7701137,7783006
1.8 i.e. (74 kW) Eng.836A5.000	94-96	PA497				7701137,7783006
1.8 i.e. (76 kW) Eng.835C2.000	93-96	PA497				7701137,7783006
1.8 i.e. (77 kW) Eng.159A4.046	93-96	PA497				7701137,7783006
	92-93	PA372				7589065
1.8 i.e. (81 kW)	90-93	PA372				7589065
	93-96	PA497				7701137,7783006
1.9 D (48 kW) Eng.160A7.000	91-96	PA605A			w/PS	46407766,71737975,7648451,7692555 7715051
1.9 TD (59 kW) Eng.160B6.046	92-96	PA365			Eng. -1071902, w/PS, w/Air	5896818,5896819,7629033,7631379 7693570,7696226
	92-96	PA659			Eng. 1071903-	5896820,5896821,5896822,71737987 7694408
1.9 TD (66 kW) Eng.160A6.000/160D1.000	90-96	PA365			Eng. -1071902, w/PS, w/Air	5896818,5896819,7629033,7631379 7693570,7696226
	90-96	PA659			Eng. 1071903-	5896820,5896821,5896822,71737987 7694408
2.0 i.e., 4WD (83 kW) Eng.159A6.046	7/91-96	PA497				7701137,7783006
	90-6/91	PA397				5894394,7635180,7694229

Tempra (159) SW '03/90-'08/96

1.4 i.e. (51 kW) Eng.836A4.000/160A1.046	92-93	PA366				7630343,7691048,7719918,7737257 7784975
	92-93	PA566	•			7630343,7691048,7719918,7737257 7784975
	93-96	PA398			Eng. -9336692	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
	93-96	PA598	•		Eng. -9336692	7635148,7651586,7691047,7770038 7784979
	93-96	PA599	•		Eng. -9336692, w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	93-96	PA552	•		Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,71716893 71737979,7750698
	93-96	PA601			Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,7750698
	93-96	PA626	•		Eng. 9336693-	46437911,7752928
	93-96	PA630			Eng. 9336693-	46437911,7752928
1.4 i.e. (57 kW) Eng.159A2.000	91-93	PA366				7630343,7691048,7719918,7737257 7784975
	91-93	PA566	•			7630343,7691048,7719918,7737257 7784975
	93-96	PA398			Eng. -9336692	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
	93-96	PA598	•		Eng. -9336692	7635148,7651586,7691047,7770038 7784979
	93-96	PA599	•		Eng. -9336692, w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	93-96	PA552	•		Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,71716893 71737979,7750698
	93-96	PA601			Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,7750698
	93-96	PA626	•		Eng. 9336693-	46437911,7752928
	93-96	PA630			Eng. 9336693-	46437911,7752928
1.6 (63 kW) Eng.159A3.000	90-93	PA366				7630343,7691048,7719918,7737257 7784975
	90-93	PA398			w/Air	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
	90-93	PA566	•			7630343,7691048,7719918,7737257 7784975
	90-93	PA598	•		w/Air	7635148,7651586,7691047,7770038 7784979
	90-93	PA623	•		w/PS	7720988,7737201,7784987



PA286A



PA365



PA366



PA372



PA397



PA398



PA497



PA552



PA566



PA598



PA599



PA601



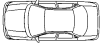



PA605A



PA623



PA659

		GRAF ref.	 	NOTE	Ad. OE
1.6 (63 kW) Eng.159A3.000	90-93	PA599	•	Eng. -9336692, w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	90-93	PA552	•	Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,71716893 71737979,7750698
1.6 i.e. (55 kW) Eng.835C1.000/159A3.048	92-93	PA366			7630343,7691048,7719918,7737257 7784975
	92-93	PA398		w/Air	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
	92-93	PA566	•		7630343,7691048,7719918,7737257 7784975
	92-93	PA598	•	w/Air	7635148,7651586,7691047,7770038 7784979
	92-93	PA623	•	w/PS	7720988,7737201,7784987
	93-96	PA599	•	Eng. -9336692, w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	93-96	PA552	•	Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,71716893 71737979,7750698
	93-96	PA601		Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,7750698
1.6 i.e. (57 kW) Eng.159A3.046	90-93	PA366			7630343,7691048,7719918,7737257 7784975
	90-93	PA398		w/Air	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
	90-93	PA566	•		7630343,7691048,7719918,7737257 7784975
	90-93	PA598	•	w/Air	7635148,7651586,7691047,7770038 7784979
	90-93	PA623	•	w/PS	7720988,7737201,7784987
	93-96	PA599	•	Eng. -9336692, w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	93-96	PA552	•	Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,71716893 71737979,7750698
	93-96	PA601		Eng. 9336693-, w/PS, w/Air	46410549,46437912,46437916,7750698
1.6 i.e. (63-66 kW) Eng.159B9.000	94-96	PA623	•	w/PS	7720988,7737201,7784987
1.8 i.e. (66 kW) Eng.835C4.000	93-96	PA497			7701137,7783006
1.8 i.e. (74 kW) Eng.836A5.000	94-96	PA497			7701137,7783006
1.8 i.e. (76 kW) Eng.835C2.000	93-96	PA497			7701137,7783006
1.8 i.e. (77 kW) Eng.159A4.046	92-96	PA497			7701137,7783006
1.8 i.e. (81 kW)	90-93	PA372			7589065
	93-96	PA497			7701137,7783006
1.9 D (48 kW) Eng.160A7.000	91-96	PA605A		w/PS	46407766,71737975,7648451,7692555 7715051
1.9 TD (59 kW) Eng.160B6.046	92-96	PA365		Eng. -1071902, w/PS, w/Air	5896818,5896819,7629033,7631379 7693570,7696226
	92-96	PA659		Eng. 1071903-	5896820,5896821,5896822,71737987 7694408
1.9 TD (66 kW) Eng.160A6.000/160D1.000	90-96	PA365		Eng. -1071902, w/PS, w/Air	5896818,5896819,7629033,7631379 7693570,7696226
	90-96	PA659		Eng. 1071903-	5896820,5896821,5896822,71737987 7694408
2.0 i.e., 4WD (83 kW) Eng.159A6.046	7/91-96	PA497			7701137,7783006
	90-6/91	PA397			5894394,7635180,7694229

Tipo (160) '07/87-'08/96

1.1 (41 kW) Eng.160A3.000	88-91	PA286A	•		46423351,5973713,71713727,7640163 7691820,7715242
1.4 (52 kW) Eng.160A1.000/160A1.048	87-89	PA366			7630343,7691048,7719918,7737257 7784975
	87-89	PA398		w/Air	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
	87-89	PA566	•		7630343,7691048,7719918,7737257 7784975
	87-89	PA598	•	w/Air	7635148,7651586,7691047,7770038 7784979



PA366



PA372



PA398



PA497



PA566



PA598



PA599



PA623



PA624

		GRAF ref.	 	NOTE	Ad. OE
1.4 (52 kW) Eng.160A1.000/160A1.048	87-89	PA599	•	w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	87-89	PA623	•	w/PS	7720988,7737201,7784987
1.4 i.e. (51 kW) Eng.836A4.000/160A1.046	89-95	PA366			7630343,7691048,7719918,7737257 7784975
	89-95	PA398		w/Air	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
	89-95	PA566	•		7630343,7691048,7719918,7737257 7784975
	89-95	PA598	•	w/Air	7635148,7651586,7691047,7770038 7784979
	89-95	PA599	•	w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	89-95	PA623	•	w/PS	7720988,7737201,7784987
	89-95	PA366			7630343,7691048,7719918,7737257 7784975
1.4 i.e. (57 kW)	89-95	PA398		w/Air	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
	89-95	PA566	•		7630343,7691048,7719918,7737257 7784975
	89-95	PA598	•	w/Air	7635148,7651586,7691047,7770038 7784979
	89-95	PA599	•	w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	89-95	PA623	•	w/PS	7720988,7737201,7784987
	88-91	PA366			7630343,7691048,7719918,7737257 7784975
1.6 (61 kW) Eng.160A2.000	88-91	PA398		w/Air	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
	88-91	PA566	•		7630343,7691048,7719918,7737257 7784975
	88-91	PA598	•	w/Air	7635148,7651586,7691047,7770038 7784979
	88-91	PA599	•	w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	88-91	PA623	•	w/PS	7720988,7737201,7784987
	92-95	PA366			7630343,7691048,7719918,7737257 7784975
1.6 i.e. (55 kW) Eng.159A3.048/835C1.000	92-95	PA398		w/Air	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
	92-95	PA566	•		7630343,7691048,7719918,7737257 7784975
	92-95	PA598	•	w/Air	7635148,7651586,7691047,7770038 7784979
	92-95	PA599	•	w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	92-95	PA623	•	w/PS	7720988,7737201,7784987
	90-93	PA366			7630343,7691048,7719918,7737257 7784975
	90-93	PA398		w/Air	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
1.6 i.e. (57 kW) Eng.159A3.046	90-93	PA566	•		7630343,7691048,7719918,7737257 7784975
	90-93	PA598	•	w/Air	7635148,7651586,7691047,7770038 7784979
	90-93	PA599	•	w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	90-93	PA623	•	w/PS	7720988,7737201,7784987
	88-91	PA372			7589065
	88-95	PA624			46407762,7555039,7626604,7692552
93-95	PA497			7701137,7783006	



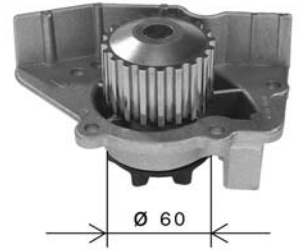
PA088



PA159



PA286A



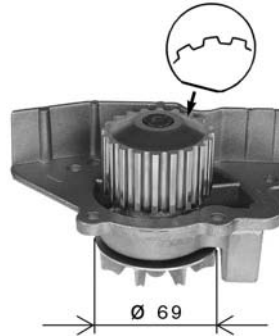
PA348



PA365



PA372



PA391



PA397



PA399



PA496



PA497



PA542



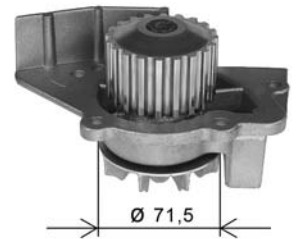
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PA641



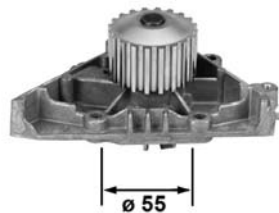
PA659



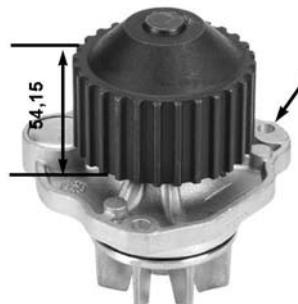
PA747



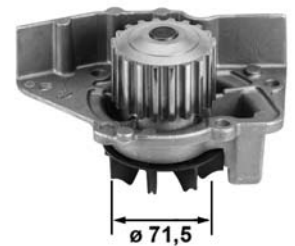
PA861



PA862



PA886



PA911

		GRAF ref.			NOTE	Ad. OE
1.8 i.e. (66 kW) Eng.835C4.000	93-95	PA497				7701137,7783006
1.8 i.e. (74 kW) Eng.159A4.000	94-95	PA497				7701137,7783006
1.8 i.e. (76 kW) Eng.835C2.000	93-95	PA497				7701137,7783006
1.8 i.e. (77-81 kW) Eng.159A4.046	90-93	PA497				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	PA365			zf, w/PS, w/Air	5896818,5896819,7629033,7631379 7693570,7696226
	92-93	PA659			toyoda, w/PS	5896820,5896821,5896822,71737987 7694408
1.9 TD (66 kW) Eng.160D1.000/160A6.046/.000	90-93	PA365			zf, w/PS, w/Air	5896818,5896819,7629033,7631379 7693570,7696226
	93-95	PA659			toyoda, w/PS	5896820,5896821,5896822,71737987 7694408
2.0 16v (107 kW) Eng.160A8.046	91-95	PA399				7609204,7661811,7695555,7695559 7747386
2.0 i.e. (80 kW) Eng.159A5.046	7/91-92	PA497				7701137,7783006
	90-6/91	PA397				5894394,7635180,7694229
2.0 i.e. (83 kW) Eng.159A6.046	7/91-95	PA497				7701137,7783006
	90-6/91	PA397				5894394,7635180,7694229
2.0 i.e. 16v Sport (102 kW) Eng.836A3.000	93-95	PA496				60810426,71737965,7708187,7747388

Ulysse I (220) '06/94-'08/02

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		•		9565095580,9566945680,9566945688 9567521488
2.0 16v (97 kW) Eng.RFV	98-00	PA641		•		9566950080
2.0 16v (100 kW) Eng.RFN	00-02	PA862	•	•		9640601280,9654531880
2.0 JTD (80 kW) Eng.RHZ	99-02	PA747		•		9569147388
2.0 T. (108 kW) Eng.RGX(XU10J2CTE)	94-02	PA391		•		9565095580,9566945680,9566945688 9567521488
2.1 TD (80 kW) Eng.P8C	96-99	PA542	•	•		9604708880,9629110980

Ulysse II (179AX) '08/02-

2.0 (100 kW) Eng.RFN(EW10J4)	02-	PA862	•	•		9640601280,9654531880
2.0 JTD (79 kW) Eng.RHM(DW10ATED4-FAP)	03-	PA747		•		9569147388
2.0 JTD (80 kW) Eng.RHW(DW10ATED4)	02-	PA747		•		9569147388
2.0 MJT 16v (88 kW) Eng.RHK	06-	PA861		•		9463623088
2.2 JTD (94 kW) Eng.4HW(DW12ATED4)	02-	PA861		•		9463623088
3.0 V6 (150 kW) Eng.XFW	02-	PA886		•		9641117180

Uno (146A/E) '01/83-

0.9 45 (33 kW) Eng.146A.000/146A.1000	83-92	PA088				4243679,4296890,4384129,5882694 5939200
1.0 45 (32 kW) Eng.156A2.048/156A2.100	86-93	PA286A	•			46423351,5973713,71713727,7640163 7691820,7715242
						46423351,5973713,71713727,7640163 7691820,7715242
1.0 45 (37 kW)	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
1.0 55 (41 kW) Eng.146B4.000	94-	PA159				-



PA159



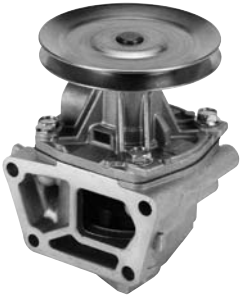
PA286A



PA292



PA366



PA394



PA395



PA554



PA559



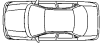



PA566


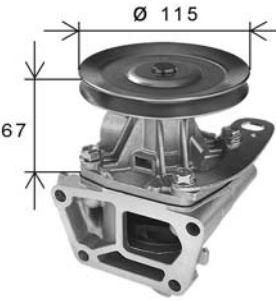





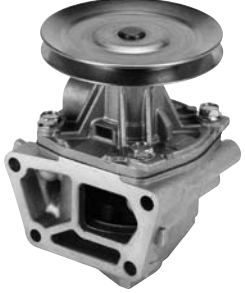













PA585



PA598

		GRAF ref.	 	NOTE	Ad. OE
1.0 55 (41 kW) Eng.146B4.000	94-	PA559		w/RB	4336009,5882691,5890406
1.1 (43 kW) Eng.146A4.044	83-	PA159			-
	83-	PA559		w/RB	4336009,5882691,5890406
1.1 50 (37 kW) Eng.156C.046	90-93	PA286A	•		46423351,5973713,71713727,7640163 7691820,7715242
1.1 55 (40 kW) Eng.138B.000	83-89	PA394			4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	83-89	PA554	•		4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.1 60 (42 kW) Eng.160A3.000	89-92	PA286A	•		46423351,5973713,71713727,7640163 7691820,7715242
1.1 60 (43 kW) Eng.146A4.048	83-89	PA394			4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	83-89	PA554	•		4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.3 70 (48 kW) Eng.149A7.000	85-89	PA394			4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	85-89	PA554	•		4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.3 70 (50 kW) Eng.138B2.000	83-85	PA394			4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	83-85	PA554	•		4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.3 Super D (33 kW) Eng.146B1.000/127A5.000	83-96	PA559		w/RB	4336009,5882691,5890406
1.3 T. i.e. (73 kW) Eng.146A2.146	1/87-12/87	PA292			5894129,5894582,7533502,7580755
	1/87-12/87	PA585	•		5996594,7565764,7580754,7691043 7719921,7784981
1.3 T. i.e. (74 kW) Eng.146A2.246	89-91	PA292			5894129,5894582,7533502,7580755
	89-91	PA585	•		5996594,7565764,7580754,7691043 7719921,7784981
1.3 T. i.e. (77 kW) Eng.146A2.000	85-89	PA292			5894129,5894582,7533502,7580755
	85-89	PA585	•		5996594,7565764,7580754,7691043 7719921,7784981
1.4 70 S (52 kW) Eng.160A1.048	89-92	PA366			7630343,7691048,7719918,7737257 7784975
	89-92	PA566	•		7630343,7691048,7719918,7737257 7784975
1.4 T. i.e. (82 kW) Eng.146A8.046	7/92-93	PA598	•		7635148,7651586,7691047,7770038 7784979
	89-7/92	PA394			4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	89-7/92	PA554	•		4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.4 T. i.e. (87 kW) Eng.146A8.000	7/92-96	PA598	•		7635148,7651586,7691047,7770038 7784979
	89-7/92	PA394			4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	89-7/92	PA554	•		4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.4 TD 70 (52 kW) Eng.146B3.000/146B.000	89-90	PA395			46412338,7633470,7696083
1.4 i.e. 70 (51 kW) Eng.160A1.046	89-93	PA394		ie	4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974

			
<p>PA016</p>	<p>PA054</p>	<p>PA100</p>	<p>PA165</p>
			
<p>PA191</p>	<p>PA285</p>	<p>PA340</p>	<p>PA394</p>
			
<p>PA398</p>	<p>PA544</p>	<p>PA554</p>	<p>PA585</p>
			
<p>PA598</p>	<p>PA626</p>	<p>PA629</p>	<p>PA630</p>
			
<p>PA672</p>	<p>PA739</p>	<p>PA887</p>	

		GRAF ref.			NOTE	Ad. OE
1.4 i.e. 70 (51 kW) Eng.160A1.046	89-93	PA398			Spi	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
	89-93	PA554	•		ie	4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
	89-93	PA598	•		Spi	7635148,7651586,7691047,7770038 7784979
1.4i Eng.159A2	88-	PA398			w/Air	71737972,7617168,7635148,7651586 7691046,7691047,7723345,7770038 7784979
	88-	PA598	•		w/Air	7635148,7651586,7691047,7770038 7784979
	88-	PA626	•		i	46437911,7752928
	88-	PA630			i	46437911,7752928
1.5 i.e. 75 (55 kW) Eng.149C1.000/138C2.048	85-93	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	85-93	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
1.7 D 60 (42 kW) Eng.146B2.000	89-93	PA340				46409134,7575827,7692554
1.7 D 60 (44 kW) Eng.149B3.000	86-89	PA340				46409134,7575827,7692554
1.9 D (44 kW) Eng.149B5.046	89-94	PA340				46409134,7575827,7692554

X 1/9 (128 AS) '05/73-'12/89

1.3, Exclusiv Serie (55 kW) Eng.128AS.000	73-79	PA054				4194951,4243593,4297101,4329406 4384128,5882695,5983960
	73-79	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.5 Five Speed (56 kW) Eng.138BS.031	85-89	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	85-89	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974
1.5 Five Speed (63 kW) Eng.138AS.000	78-89	PA394				4408201,5936404,5960469,5992593 7580753,7580756,7615921,7748000 7770032,7784974
	78-89	PA554	•			4329406,4384128,4408201,5936404 5960469,5983960,5992593,7580753 7580756,7748000,7770032,7784974

FIAT LCV
238-Serie '09/66-'06/82

1.4 (38 kW) Eng.131AZ000/131BZ0C0/131FZ	76-82	PA191				4337095
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241-Serie '01/67-

1.4 T. Eng.124AZ2	-76	PA016				4129810,5882684
1.9 TN Eng.237A	-79	PA100				4181898,4654872

242-Serie Van '10/75-'07/82

2.2 D (46 kW)	75-80	PA165				5416786
2.5 D (52 kW)	80-82	PA165				5416786

Doblò Cargo (223) '03/01-

1.2 (48 kW) Eng.223A5.000	01-	PA739	•			46526243,46805736,55184080
1.3 JTD 16v (51 kW) Eng.188A9.000	04-	PA887				46819138,71745026
1.3 MJT (55 kW)	05-	PA887				46819138,71745026
1.6 16v (76 kW) Eng.182B6.000	01-	PA629				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
1.9 JTD (77 kW) Eng.223A7.000	03-	PA672	•			46515970,46515972,60814609

Ducato I (280) '01/82-'08/90

1.8 (49-51 kW) Eng.169B	82-88	PA544				9401201340,9401201400
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PA088



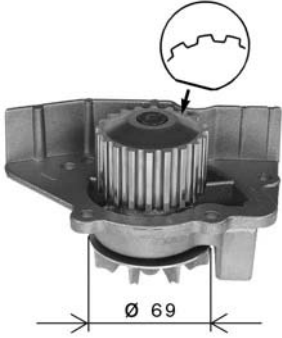
PA159



PA240



PA275



PA391



PA444



PA454



PA544



PA559



PA607



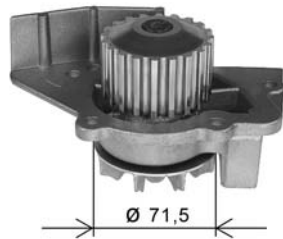
PA645



PA646



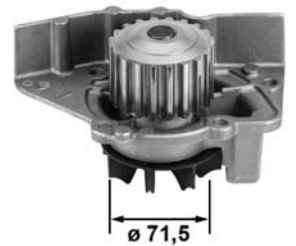
PA647



PA747



PA900



PA911



PA996



PA1026

		GRAF ref.			NOTE	Ad. OE
1.9 D (52 kW) Eng.149B1.000	87-90	PA444				46408312,7692551
1.9 TD (60 kW) Eng.280A1.000	89-90	PA444				46408312,7692551
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			14-18 Q	4823810,99459759
	82-9/86	PA275			14-18 Q	7301300,7303030
2.5 TD, 4WD (68 kW) Eng.8144.21	10/86-90	PA454			14-18 Q	4823810,99459759
	86-9/86	PA275			14-18 Q	7301300,7303030

Ducato II (290) '03/89-'03/94

1.9 D (52 kW) Eng.149B1.000	90-94	PA444				46408312,7692551
1.9 TD (60 kW) Eng.280A1.000	89-94	PA444				46408312,7692551
2.0 (62 kW) Eng.170D	90-94	PA544				9401201340,9401201400
2.5 D, 4WD (55 kW) Eng.8144.67	90-94	PA454			14-18 Q	4823810,99459759
2.5 TD, 4WD (70 kW) Eng.8140.27	90-94	PA454			14-18 Q	4823810,99459759

Ducato III (230) '03/94-'04/02

1.9 D (51 kW) Eng.230A2.000	94-4/02	PA645				1304596080,1317462080,71737991
1.9 TD (59-60 kW) Eng.230A3/A4.000	94-02	PA646			w/PS, w/Air	1313021080,1317466080
	94-02	PA647			w/PS	1304612080,1312388080,1317463080 1317464080,71737992
1.9 TD (66 kW) Eng.DHX(XUD9TF-L)	98-4/02	PA911		•		71739137,9627667988
2.0 JTD (62 kW) Eng.RHV(DW10)	94-02	PA747		•		9569147388
2.0,4WD Panorama (80 kW) Eng.RFW	94-4/02	PA391		•	10-14 Q	9565095580,9566945680,9566945688 9567521488,9627667988
2.5 D , 4WD (62 kW) Eng.8140.67	94-4/02	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) '04/02-'01/06

2.0 JTD (62 kW) Eng.RHV(DW10)	02-06	PA747		•		9569147388
2.0, Bipower (81 kW) Eng.RFL	02-06	PA391		•		9565095580,9566945680,9566945688 9567521488,9627667988
2.3 JTD (81 kW) Eng.F1AE0481C	02-06	PA900		•		504033770
2.8 JTD Power (107 kW)	04-	PA607				504083122,98473452,99440717
2.8 JTD, 4WD (94 kW) Eng.8140.43S	02-06	PA607				504083122,98473452,99440717

Ducato V '02/06-

100 MJT (74 kW) Eng.4HV	06-	PA996		•		9659248280
120 MJT (88 kW) Eng.F1AE0481D	06-	PA900		•		504033770
160 MJT (117 kW) Eng.F1CE0481D	06-	PA1026				504102572

Fiorino (127) '10/77-'12/87

0.9 (33 kW) Eng.100GL.000	77-84	PA088				4243679,4296890,4384129,5882694 5939200
1.3 D, Panorama (33 kW) Eng.127A5.000/146B1	81-86	PA559			w/RB	4336009,5882691,5890406
1050 (37 kW) Eng.127A.000	80-87	PA159				-
	80-87	PA559			w/RB	4336009,5882691,5890406

Fiorino I (147) '01/80-'12/93

1.0, Pick up (37 kW) Eng.127A.000	80-87	PA159				-
	80-87	PA559			w/RB	4336009,5882691,5890406
1.0, Pick up (41 kW) Eng.156A.000	86-88	PA159				-
	86-88	PA559			w/RB	4336009,5882691,5890406
1.1 60 (40 kW) Eng.146A9.000	86-93	PA159				-
	86-93	PA559			w/RB	4336009,5882691,5890406
1.3 (49 kW)	87-93	PA159				-
	87-93	PA559			w/RB	4336009,5882691,5890406

<p>PA285</p>	<p>PA286A</p>	<p>PA338A</p>	<p>PA391</p>
<p>PA398</p>	<p>PA553</p>	<p>PA559</p>	<p>PA585</p>
<p>PA598</p>	<p>PA626</p>	<p>PA630</p>	<p>PA672</p>
<p>PA685</p>	<p>PA686</p>	<p>PA733</p>	<p>PA739</p>
<p>PA747</p>	<p>PA862</p>	<p>PA866</p>	<p>PA911</p>

		GRAF ref.			NOTE	Ad. OE
1.3 D, Pick up (33 kW) Eng.127A5.000	82-88	PA559			w/RB	4336009,5882691,5890406
1.5 (55 kW) Eng.149C1.000	88-93	PA285				5996594,7565764,7580754,7691043 7719921,7784981
	88-93	PA585	•			5996594,7565764,7580754,7691043 7719921,7784981
1.7 D (42 kW) Eng.149B2.000	88-93	PA338A				46409136,71737977,7608844,7693966
1.7 D (44 kW) Eng.149B3.000	87-90	PA338A				46409136,71737977,7608844,7693966

Fiorino II (146) '10/92-

1.3 70 (49 kW) Eng.146A5.000	93-94	PA559			w/RB	4336009,5882691,5890406
1.4 i.e. 70, Pick-up (49 kW) Eng.146C5.000/146D5.000	92-3/95	PA398			Eng. -9470268	71737972,7635148,7651586,7691047 7770038,7784979
	92-3/95	PA598	•		Eng. -9470268	7635148,7651586,7691047,7770038 7784979
	4/95-	PA626	•		Eng. 9470269-	46437911,7752928
	4/95-	PA630			Eng. 9470269-	46437911,7752928
1.6 i.e. 75, Pick up (55 kW) Eng.146D6.000/146C6.000	93-3/95	PA398			Eng. -9470268	71737972,7635148,7651586,7691047 7770038,7784979
	93-3/95	PA598	•		Eng. -9470268	7635148,7651586,7691047,7770038 7784979
	4/95-	PA626	•		Eng. 9470269-	46437911,7752928
	4/95-	PA630			Eng. 9470269-	46437911,7752928
1.7 D 60, Pick up (42 kW) Eng.146B2.000	93-	PA338A				46409136,71737977,7608844,7693966
	93-	PA733			w/PS	46410562,46464225,46554397,71737980
1.7 TD 65, Pick up (46 kW) Eng.146D7.000	97-	PA733			w/PS	46410562,46464225,46554397,71737980

Panda I (141A) Van '01/86-'08/98

0.75 (25 kW) Eng.141B.000	86-95	PA286A		•		46423351,5973713,71713727,7640163 7691820,7715242
1.0 4WD (32 kW) Eng.156A2.100/156A3.100	86-92	PA286A		•		46423351,5973713,71713727,7640163 7691820,7715242
1.0 i.e. Kat, 4WD (33 kW) Eng.141C2.000/156A2.246	87-98	PA286A		•		46423351,5973713,71713727,7640163 7691820,7715242
1.3 D (27 kW) Eng.156A5.000	86-92	PA559			w/RB	4336009,5882691,5890406

Punto Van I (176L) '04/96-'02/00

1.1 (40 kW) Eng.176B2.000	-4/99	PA286A		•		46423351,5973713,71713727,7640163 7691820,7715242
	96-00	PA739		•	Eng. 9042883	46526243,46805736,55184080
1.7 D (42 kW) Eng.176B3.000	96-00	PA553				46445405,71737981,7781232
1.7 TD (52 kW) Eng.176A5.000	96-00	PA553				46445405,71737981,7781232

Punto Van II (188AX) '02/00-

1.2 60 (44 kW) Eng.188A4.000	00-	PA739		•		46526243,46805736,55184080
1.9 D 60 (44 kW) Eng.188A3.000	00-	PA672		•		46515970,46515972,60814609
1.9 JTD (63 kW) Eng.188A7.000	00-	PA672		•		46515970,46515972,60814609

Scudo (220L) '02/96-

1.6 (58 kW) Eng.220A2.000	96-	PA685				46409201,46437914
	96-	PA686			w/PS	46409200,46437913
1.9 D (51 kW) Eng.D9B	96-	PA391		•		9565095580,9566945680,9566945688 9567521488,9627667988
1.9 D (51 kW) Eng.WJZ(DW8)	98-	PA747		•		9569147388
1.9 TD (66 kW) Eng.DHX(XUD9TF-L)	96-	PA911		•		71739137,9627667988
1.9 TD (68 kW) Eng.D8B	98-	PA911		•		71739137,9627667988
2.0 (100 kW) Eng.RFN	02-	PA862	•	•		9654531880
2.0 JTD (69 kW) Eng.RHX	99-	PA747		•		9569147388
2.0 JTD (80 kW) Eng.RHZ	02-	PA747		•		9569147388

Strada I (178E) '06/99-'01/05

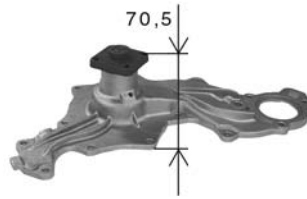
1.2 (44 kW) Eng.188A4.000	03-05	PA739		•	Eng. 2546254	46526243,46805736,55184080
	03-05	PA866		•	Eng. 2546255	46520401,55184081,55198547



PA036



PA091



PA130



PA131



PA174



PA444



PA544



PA553



PA629



PA672



PA739



PA866



PA880



PA887

		GRAF ref.			NOTE	Ad. OE
1.2 (54 kW) Eng.178B5.000	99-05	PA739			• Eng. 2546254	46526243,46805736,55184080
	99-05	PA866			• Eng. 2546255	46520401,55184081,55198547
1.7 TD (51 kW) Eng.176A3.000	99-05	PA880			Eng. 2427907	46757573,46757574
	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

Strada II (178EXG) '02/05-

1.2 8v MPI Eng.178B7.045	05-	PA866			•	46520401,55184081,55198547
1.3 MJTD (63 kW) Eng.223A9.000	05-	PA887				46819138,71745026
1.6 16v Eng.178D2.011	05-	PA629				46400058,46444355
1.7 TD Eng.176A3.000	05-	PA880				46757573,46757574

Talento (290) '03/89-'03/94

1.9 D (52 kW) Eng.149B1.000	89-94	PA444				46408312,7692551
2.0 (55 kW) Eng.170B	89-94	PA544				9401201340,9401201400

FORD EUROPE
Capri I (ECJ) '12/68-'02/74

1.3 (35-37-39-48 kW)	68-72	PA036			Eng. CV4	5005036,6036362,A790X8591DAA,EPW538
	68-72	PA131			Eng. OHC	1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.3 (39-40-41-43-53 kW)	71-73	PA036			Eng. CV4	5005036,6036362,A790X8591DAA,EPW538
	71-73	PA131			Eng. OHC	1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.5 (44-48 kW)	68-74	PA036			Eng. CV4	5005036,6036362,A790X8591DAA,EPW538
1.6 (53-65 kW) Eng.LE	72-74	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.6 GT (60 kW)	69-72	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.7 (55 kW) Eng.TV17H	68-72	PA036				5005036,6036362,A790X8591DAA,EPW538

Capri II (GECP) '02/74-'12/77

1.3 (37 kW) Eng.J1E	74-77	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.3 (40-42 kW) Eng.J1E	74-77	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.6 (50 kW) Eng.LAC	74-77	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.6 (53 kW) Eng.LCE	74-77	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.6 (65 kW) Eng.LEC	74-77	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
2.0 (66-72 kW) Eng.NYL/NWN	74-77	PA130				1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
	74-77	PA174			w/AF	1527289,5005194,5007749,5007852 6043065,6049790,A810X8591FA A810X8591HA,EPW56,EPW58,EPW981
2.3 (79 kW) Eng.YYE	74-77	PA130				1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
	74-77	PA174			w/AF	1527289,5005194,5007749,5007852 6043065,6049790,A810X8591FA A810X8591HA,EPW56,EPW58,EPW981



PA036



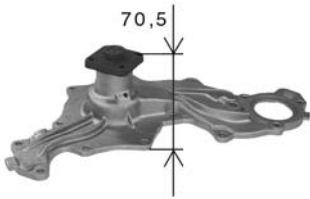
PA083



PA091



PA117



PA130



PA131



PA174



PA517



PA741



PA974

		GRAF ref.			NOTE	Ad. OE
Capri III (GECF) '01/78-'04/87						
1.3 (40 kW) Eng.J1E	78-85	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.6 (49-52-54 kW) Eng.LCN	11/79-87	PA117			w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69
	11/79-87	PA517			w/RB, w/AF, w/PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
	78-11/79	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
2.0 (64-66-74 kW) Eng.NEN	78-85	PA083			Eng. CV6, w/AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19/57
	78-85	PA117			Eng. OHC, w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69
	78-85	PA517			w/RB, w/AF, w/PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
2.3 Super (84 kW) Eng.YYN	79-85	PA083			w/AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19/57
2.8 Super Inj. (118 kW) Eng.PRN	81-87	PA174			w/AF	1527289,5005194,5007749,5007852 6043065,6049790,A810X8591FA A810X8591HA,EPW56,EPW58,EPW981
Consul (GGCL,FL,NL) '01/72-'12/75						
1.7, Coupé, SW (48-55 kW)	72-75	PA036				5005036,6036362,A790X8591DAA,EPW538
2.0 (60-66 kW)	72-75	PA130			Eng. CV6	1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
	72-75	PA131			Eng. B-OHC	1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
	72-75	PA174			w/AF	1527289,5005194,5007749,5007852 6043065,6049790,A810X8591FA A810X8591HA,EPW56,EPW58,EPW981
2.0, Coupé, SW (73 kW)	72-75	PA130			Eng. CV6	1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
	72-75	PA131			Eng. B-OHC	1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
	72-75	PA174			w/AF	1527289,5005194,5007749,5007852 6043065,6049790,A810X8591FA A810X8591HA,EPW56,EPW58,EPW981
2.3, Coupé, SW (79 kW)	72-75	PA130			Eng. CV6	1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
	72-75	PA174			w/AF	1527289,5005194,5007749,5007852 6043065,6049790,A810X8591FA A810X8591HA,EPW56,EPW58,EPW981
2.5, SW (88 kW)	72-74	PA130			Eng. CV6	1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
	72-74	PA174			w/AF	1527289,5005194,5007749,5007852 6043065,6049790,A810X8591FA A810X8591HA,EPW56,EPW58,EPW981
Cougar (EC) '08/98-'12/01						
2.0 16v (96 kW) Eng.EDBA/EDBB/EDBD/EDBC	98-01	PA741				1053879,1094596,1114354,1130582 1227902,1317038,1320876,19BBX8591FA
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.LCBE/LCBC/LCBB	00-01	PA974	•			3006897,3667653,3715703,3800766 4096620,4356532,4448290,4551517 7269023



PA091



PA131



PA153



PA266

		GRAF ref.			NOTE	Ad. OE
Escort I (AFH,ATH) '01/68-'02/76						
0.95 (25-26 kW)	68-74	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.1 (33 kW)	70-71	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.1, SW (35 kW)	70-76	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.1, SW (29-32 kW) Eng.G1	70-76	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.3 (40 kW) Eng.J1F	70-76	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.3 (53 kW) Eng.J3D	70-76	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.3 (35-38 kW)	70-71	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.3 GT (47 kW)	70-71	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.3, SW (42 kW) Eng.J2	70-76	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
Escort II (ATH) '03/73-'07/81						
1.1 (35 kW) Eng.G2	5/79-80	PA266			w/AF	5004998,A790X8591ARA,EPW44
	74-5/79	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.1, SW (32-34 kW) Eng.G1	5/79-80	PA266			w/AF	5004998,A790X8591ARA,EPW44
	74-5/79	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.3 (51 kW) Eng.J3	74-80	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.3, SW (40 kW) Eng.J1F	74-81	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.3, SW (42-44 kW) Eng.J2	74-80	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.6 (62 kW) Eng.LC	5/79-80	PA266			w/AF	5004998,A790X8591ARA,EPW44
	74-5/79	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
1.6 Sport (63 kW)	74-77	PA091				1487478,5005054,5020717,6041801 A790X8591EBA,D1FZ8501B,DORY8501A EPW730
2.0 RS (73 kW)	73-77	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
2.0 RS Heckantrieb (80 kW) Eng.NE	75-80	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
Escort III (GAA) '09/80-'07/86						
1.1 (43 kW) Eng.GPA	80-83	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985



PA153



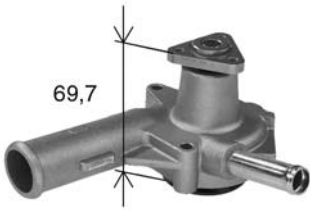
PA232



PA278



PA321



PA401



PA429A



PA440



PA501



PA640

		GRAF ref.			NOTE	Ad. OE
1.1, SW (37 kW) Eng.GSE	83-85	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
1.1, SW (40 kW) Eng.GMA/GLB	80-83	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
1.3, SW, Cabrio (51 kW) Eng.JPA	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.LUA	80-82	PA232		•		5008470,5018437,A810X8591SA,EPW33
1.6 D, SW (40 kW) Eng.LTA	84-85	PA278				1126044,1233208,5011013,5012322 5023817,A830X8591TA,A840X8591JA,EPW61 EPW65
1.6 RS T. (97 kW) Eng.LNA	84-85	PA232		•		5008470,5018437,A810X8591SA,EPW33
1.6 XR3i, Cabrio (77 kW) Eng.LRA/LR1	82-85	PA232		•		5008470,5018437,A810X8591SA,EPW33
1.6 i (66 kW) Eng.L4B	7/85-12/85	PA232		•		5008470,5018437,A810X8591SA,EPW33
1.6, SW, Cabrio (58 kW) Eng.LP1/LPA	80-85	PA232		•		5008470,5018437,A810X8591SA,EPW33
1.6i RS (85 kW)	82-85	PA232		•		5008470,5018437,A810X8591SA,EPW33

Escort IV (GAF,AWF,ABFT) '10/85-'10/90

1.1, SW (37-40 kW) Eng.GSG	85-88	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
	88-90	PA401				5020437,5025908,5026783,88BX8591AA 92BX8591BA,EPW71
1.3 (46 kW) Eng.JBA	88-90	PA401				5020437,5025908,5026783,88BX8591AA 92BX8591BA,EPW71
1.3, SW (44 kW) Eng.JBB/JLB/JLA	86-88	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
	88-90	PA401				5020437,5025908,5026783,88BX8591AA 92BX8591BA,EPW71
1.3, SW (51 kW) Eng.HL13,JP	86-88	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.4, Cabrio, SW (54 kW) Eng.F6B/FUC/F6D	1/86-90	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.4, Cabrio, SW (55 kW) Eng.FUA	1/86-90	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.4, SW (51 kW) Eng.FUAA	1/86-90	PA321		•		5013320,5020651,A840X8591BCA,EPW70
	10/85-12/85	PA232		•		5008470,5018437,A810X8591SA,EPW33
1.6 (65 kW) Eng.LUG	89-90	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.6 D, SW (40 kW) Eng.LTC	86-90	PA278				1126044,1233208,5011013,5012322 5023817,A830X8591TA,A840X8591JA,EPW61 EPW65
1.6 T. RS (97 kW) Eng.LNB	86-90	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.6 XR3i, Cabrio (77 kW) Eng.LR2/LRB	86-89	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.6 i, Cabrio (75 kW) Eng.LJB	89-90	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.6 i, Cabrio, SW (66 kW) Eng.L4B	86-90	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.6, Cabrio, SW (58 kW) Eng.LP2	86-88	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.8 D, SW (44 kW) Eng.RTB/RTA	89-90	PA640		•		1020988,1023645,5020242,88FX8591AA/AB 96FX8591AA,EPW40/82

Escort V (GAL) '07/90-'12/92

1.1i	5/91-92	PA440				6683522,92BX8591AA,EPW60
	90-4/91	PA401				5020437,5025908,5026783,88BX8591AA 92BX8591BA,EPW71
1.3, SW (44 kW) Eng.J4B/J6A	5/91-92	PA440				6683522,92BX8591AA,EPW60
	90-4/91	PA401				5020437,5025908,5026783,88BX8591AA 92BX8591BA,EPW71
1.4, Cabrio, SW (52 kW) Eng.F6G/F6F	90-92	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.6, Cabrio, SW (77 kW) Eng.LJF	90-92	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.6, SW (66 kW) Eng.LUK/LUJ	90-92	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.8 16v XR3i, Cabrio (96 kW) Eng.RQB	92-92	PA501		•		5025607,928X8591AA,EPW55
1.8 16v XR3i, Cabrio, SW (77 kW) Eng.RDA	92-92	PA501		•		5025607,928X8591AA,EPW55
1.8 D, SW (44 kW) Eng.RTH/RTF/RITE	90-92	PA640		•		1020988,1023645,5020242,88FX8591AA/AB 96FX8591AA,EPW40/82
2.0 RS (110 kW) Eng.N7A	91-92	PA429A				1651816,6457409,7087382,88WF8501AB 91WM8501AA,EPW74

Escort VI (GAL) '09/92-'01/95

1.3, SW (44 kW) Eng.J6A/J4B	92-95	PA440				6683522,92BX8591AA,EPW60
1.4 (55 kW) Eng.FUH	94-95	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.4, Cabrio, SW (52 kW) Eng.F6G/F6F	92-95	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.4, Cabrio, SW (55 kW) Eng.F4B	93-95	PA321		•		5013320,5020651,A840X8591BCA,EPW70



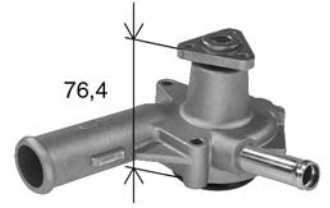
PA153



PA232



PA321



PA440



PA501



PA588



Girante Turbina
Turbine Impeller

PA589A



PA640



PA741



PA976

		GRAF ref.			NOTE	Ad. OE
1.6 i 16v, Cabrio, SW (65 kW) Eng.L1H	92-95	PA501			•	5025607,928X8591AA,EPW55
1.6 i 16v, SW (66 kW) Eng.L1K/L1E	92-95	PA501			•	5025607,928X8591AA,EPW55
1.8 16v XR3i, Cabrio, SW (96 kW) Eng.RQB	92-95	PA501			•	5025607,928X8591AA,EPW55
1.8 16v XR3i, Cabrio, SW 4WD (96 kW) Eng.RQB	92-95	PA501			•	5025607,928X8591AA,EPW55
1.8 D, SW (44 kW) Eng.RTE/RTH/RTF	92-95	PA640			•	1020988,1023645,5020242,88FX8591AA/AB 96FX8591AA,EPW40/82
1.8 TD, SW (66 kW) Eng.RFS/RFK/RFD	93-95	PA589A			• Eng. D18TI	1031279,5024297,91FX8591AA,96FX8591EA EPW52,EPW85
	93-95	PA976			Eng. D18T	1053054,1233202,5020713 88FX8591B1A/2B/BA
1.8 i 16v, Cabrio, SW (77 kW) Eng.RDA	92-95	PA501			•	5025607,928X8591AA,EPW55
1.8 i 16v, Cabrio, SW 4WD (77 kW) Eng.RDA	92-95	PA501			•	5025607,928X8591AA,EPW55
2.0 RS, 4WD (110 kW) Eng.N7A	92-95	PA588				6189520,7087383,91XM8501AA,EPW75

Escort VII (GAL,AAL,ABL) '01/95-'08/00

1.3, SW (44 kW) Eng.J4B/J6A	95-99	PA440				6683522,92BX8591AA,EPW60
1.4, Cabrio, SW (55 kW) Eng.F4B/FUH	95-99	PA321			•	5013320,5020651,A840X8591BCA,EPW70
1.6 16v, Cabrio, SW, 4WD (66 kW) Eng.L1E/L1H	95-98	PA501			•	5025607,928X8591AA,EPW55
1.8 16v XR3i Cabrio (96 kW) Eng.RQB	95-00	PA501			•	5025607,928X8591AA,EPW55
1.8 16v, Cabrio, SW (77 kW) Eng.RDA	1/95-8/95	PA501			•	5025607,928X8591AA,EPW55
1.8 16v, Cabrio, SW (85 kW) Eng.RKC	8/95-98	PA501			•	5025607,928X8591AA,EPW55
1.8 D, SW (44 kW) Eng.RTE/RTF/RTH	95-96	PA640			•	1020988,1023645,5020242,88FX8591AA/AB 96FX8591AA,EPW40/82
1.8 TD, Cabrio, SW (51 kW) Eng.RVA	95-98	PA589A			• Eng. D18TI	1031279,5024297,91FX8591AA,96FX8591EA EPW52,EPW85
	95-98	PA976			Eng. D18T	1053054,1233202,5020713 88FX8591B1A/2B/BA
1.8 TD, Cabrio, SW (66 kW) Eng.RFD/RFK	95-98	PA589A			• Eng. D18TI	1031279,5024297,91FX8591AA,96FX8591EA EPW52,EPW85
	95-98	PA976			Eng. D18T	1053054,1233202,5020713 88FX8591B1A/2B/BA
2.0 RS, 4WD (110 kW) Eng.N7A	95-98	PA588				6189520,7087383,91XM8501AA,EPW75

Escort VIII (AAL,ABL) '10/98-'07/00

1.6 16v, SW (66 kW) Eng.L1E	98-00	PA741				1053879,1094596,1114354,1130582 1227902,1317038,1320876,19BBX8591FA
1.8 TD, SW (66 kW) Eng.RFD/RFK	98-00	PA589A			• Eng. D18TI	1031279,5024297,91FX8591AA,96FX8591EA EPW52,EPW85
	98-00	PA976			Eng. D18T	1053054,1233202,5020713 88FX8591B1A/2B/BA

Fiesta I '05/76-'08/83

0.95 (29 kW) Eng.TKA/TKW	76-83	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
0.95 (33 kW) Eng.TLA	76-83	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
1.1 (39 kW) Eng.GLA	76-83	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
1.1 (40 kW) Eng.GLW	81-83	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
1.3 (49 kW) Eng.J3E	77-83	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
1.6 XR2 (62 kW) Eng.L3E	81-83	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985

Fiesta II (FBD) '09/83-'11/89

1.0 (33 kW) Eng.TKB	83-89	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
1.1 (36 kW) Eng.GSH	86-89	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
1.1 (37 kW) Eng.GSF/GLC	83-89	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
1.3 (51 kW) Eng.JPC	1/86-87	PA321			•	5013320,5020651,A840X8591BCA,EPW70
	83-1/86	PA232			•	5008470,5018437,A810X8591SA,EPW33
1.4 (51 kW) Eng.FUBA	83-87	PA321			•	5013320,5020651,A840X8591BCA,EPW70
1.4 (52 kW) Eng.F6A/F6C	86-89	PA321			•	5013320,5020651,A840X8591BCA,EPW70



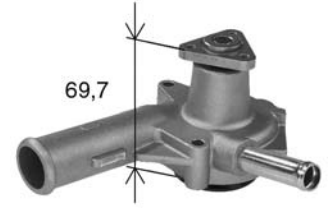
PA232



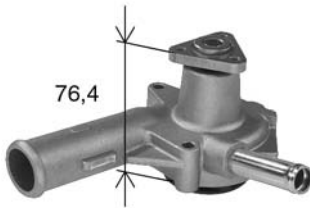
PA278



PA321



PA401



PA440



PA501



Girante Turbina
Turbine Impeller

PA589A



PA612



PA639



PA640



PA742



n° 21 Denti/Teeth

PA859



PA902



PA976



PA990

		GRAF ref.			NOTE	Ad. OE
1.4 (54 kW) Eng.FUD	87-89	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.4 (55 kW) Eng.FUB	85-89	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.6 D (40 kW) Eng.LTB	84-89	PA278				1126044,1233208,5011013,5012322 5023817,A830X8591TA,A840X8591JA,EPW61 EPW65
1.6 XR2 (70 kW) Eng.LUB/LUD	1/86-89	PA321		•		5013320,5020651,A840X8591BCA,EPW70
	84-1/86	PA232		•		5008470,5018437,A810X8591SA,EPW33

Fiesta III (GFJ) '01/89-'12/95

1.0 (33 kW) Eng.TLB	5/91-8/95	PA440				6683522,92BX8591AA,EPW60
	89-4/91	PA401				5020437,5025908,5026783,88BX8591AA 92BX8591BA,EPW71
1.1 (37 kW) Eng.G6A	5/91-8/95	PA440				6683522,92BX8591AA,EPW60
	89-4/91	PA401				5020437,5025908,5026783,88BX8591AA 92BX8591BA,EPW71
1.1 (40 kW) Eng.GUD/GUE	5/91-8/95	PA440				6683522,92BX8591AA,EPW60
	89-4/91	PA401				5020437,5025908,5026783,88BX8591AA 92BX8591BA,EPW71
1.3, Kat (44 kW) Eng.J6B/JBC	5/91-8/95	PA440				6683522,92BX8591AA,EPW60
	89-4/91	PA401				5020437,5025908,5026783,88BX8591AA 92BX8591BA,EPW71
1.4 (52 kW) Eng.F6E	1/89-8/95	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.4 (54 kW) Eng.FUJ/FUG	1/89-8/95	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.4 Kat (54 kW) Eng.F4A	1/89-8/95	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.6 (65 kW) Eng.LUH	1/89-1/94	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.6 T. (96 kW) Eng.LHA	4/90-92	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.6 XR2i (76 kW) Eng.LJD	1/89-8/95	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.6 XR2i (81 kW) Eng.LJC	1/89-8/95	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.6 i 16v (65 kW) Eng.L1G	94-95	PA501		•		5025607,928X8591AA,EPW55
1.8 16v (77 kW) Eng.RDB	1/92-8/95	PA501		•		5025607,928X8591AA,EPW55
1.8 16v XR2i (96 kW) Eng.RQC	1/92-8/95	PA501		•		5025607,928X8591AA,EPW55
1.8 D (44 kW) Eng.RTG/RTC/RTD	1/89-8/95	PA640		•		1020988,1023645,5020242,88FX8591AA/AB 96FX8591AA,EPW40/82
1.8 TD (57 kW)	93-95	PA589A		•	Eng. D18Ti	1031279,5024297,91FX8591AA,96FX8591EA EPW52,EPW85
	93-95	PA976			Eng. D18T	1053054,1233202,5020713 88FX8591B1A/2B/BA

Fiesta IV (JA, JB) '08/95-'01/02

1.2 i 16v (55 kW) Eng.DHG/F/B/E/C/D/A	95-02	PA612				1007714,1020538,1132607,1326374 1350461,1376162,96MX8591AA,EPW80
1.3 i (37 kW) Eng.JJK/JJC/JJM/JJE/JJJ/JJA	95-02	PA639				1020567,1109341,96BX8591AA,EPW81
1.3 i (44 kW) Eng.J4C/L/Q/T/R/J	95-02	PA639				1020567,1109341,96BX8591AA,EPW81
1.4 i 16v (66 kW) Eng.FHE/FHA	96-02	PA612				1007714,1020538,1132607,1326374 1350461,1376162,96MX8591AA,EPW80
1.6 16v Sport (76 kW) Eng.L1T/L1V	00-02	PA612				1007714,1020538,1132607,1326374 1350461,1376162,96MX8591AA,EPW80
1.8 D (44 kW) Eng.RTK/RTJ	95-00	PA640		•		1020988,1023645,5020242,88FX8591AA/AB 96FX8591AA,EPW40/82
1.8 DI (55 kW) Eng.RTQ/RTP/RTN	00-02	PA742				1079085,1104115,1131878

Fiesta V (JH) '11/01-

1.2 16v (51 kW) Eng.M7JA/M7JB	03-04	PA612				1007714,1020538,1132607,1326374 1350461,1376162,96MX8591AA,EPW80
	05-	PA990		•		1406479
1.2 16v (55 kW) Eng.FUJA/FUJB	02-04	PA612				1007714,1020538,1132607,1326374 1350461,1376162,96MX8591AA,EPW80
	05-	PA990		•		1406479
1.3 (44 kW) Eng.BAJA	01-	PA902				1336008,1361486
1.3 (51 kW) Eng.A9JB/A9JA	01-	PA902				1336008,1361486
1.4 16v (59 kW) Eng.FXJB/FXJA	01-04	PA612				1007714,1020538,1132607,1326374 1350461,1376162,96MX8591AA,EPW80
	05-	PA990		•		1406479
1.4 TDCi (50 kW) Eng.F6JA/F6JB	01-	PA859		•		1147585,1359942,1366614
1.6 16v (74 kW) Eng.FYJA	01-04	PA612				1007714,1020538,1132607,1326374 1350461,1376162,96MX8591AA,EPW80



PA612



PA741



PA742



PA861



PA903



n° 19 Denti/Teeth

PA938



PA990

		GRAF ref.			NOTE	Ad. OE
1.6 16v (74 kW) Eng.FYJA	05-	PA990		•		1406479
1.6 TDCi (66 kW) Eng.HHJA/HHJB	04-	PA938		•		1313842,1364681
2.0 ST150 (110 kW)	05-	PA903				1089795,1119276,1142005,1142427 1229571,1364152

Focus C-Max '10/03-

1.6 (74 kW)	03-	PA612				1007714,1020538,1132607,1326374 1350461,1376162,96MX8591AA,EPW80
1.6 TDCi (66 kW)	05-	PA938		•		1313842,1364681
1.6 TDCi (80 kW)	03-	PA938		•		1313842,1364681
1.8 (88 kW)	03-	PA903				1089795,1119276,1142005,1142427 1229571,1364152
1.8 (92 kW)	04-	PA903				1089795,1119276,1142005,1142427 1229571,1364152
1.8 Flexifuel (92 kW)	06-	PA903				1089795,1119276,1142005,1142427 1229571,1364152
1.8 TDCi (85 kW) Eng.KKDA	05-	PA742				1079085,1104115,1131878
2.0 (107 kW)	04-	PA903				1089795,1119276,1142005,1142427 1229571,1364152
2.0 TDCi (100 kW)	03-	PA861		•		1232499,1432630

Focus I, SW '10/98-'10/04

1.4 16v (55 kW) Eng.FXDC/FXDA/FXDB/FXDD	98-04	PA612				1007714,1020538,1132607,1326374 1350461,1376162,96MX8591AA,EPW80
1.6 16v (74 kW) Eng.FYDA/C/D/B	98-04	PA612				1007714,1020538,1132607,1326374 1350461,1376162,96MX8591AA,EPW80
1.8 16v (85 kW) Eng.EYDC/EYDE/EYDD/EYDB/EYDF	98-04	PA741				1053879,1094596,1114354,1130582 1227902,1317038,1320876,19BBX8591FA
1.8 DI / TDDi (55 kW) Eng.BHDA/BHDB	99-04	PA742				1079085,1104115,1131878
1.8 TDCi (74 kW) Eng.FFDA	02-04	PA742				1079085,1104115,1131878
1.8 TDCi (85 kW) Eng.F9DB/F9DA	01-04	PA742				1079085,1104115,1131878
1.8 TDI / TDDi (66 kW) Eng.C9DB/C9DA/C9DC	98-04	PA742				1079085,1104115,1131878
2.0 16v (96 kW) Eng.EDDB/EDDD/EDDF/EDDC	98-04	PA741				1053879,1094596,1114354,1130582 1227902,1317038,1320876,19BBX8591FA
2.0 RS (Exc. SW) (158 kW)	02-04	PA741				1053879,1094596,1114354,1130582 1227902,1317038,1320876,19BBX8591FA
2.0 ST170 (127 kW)	02-04	PA741				1053879,1094596,1114354,1130582 1227902,1317038,1320876,19BBX8591FA

Focus II '11/04-

1.4 (59 kW) Eng.ASDA/ASDB	04-	PA990		•		1406479
1.6 (74 kW) Eng.HWDA/HWDB	04-	PA990		•		1406479
1.6 TDCi (66 kW) Eng.HHDA/HHDB	05-	PA938		•		1313842,1364681
1.6 TDCi (80 kW) Eng.G8DA/G8DB	04-	PA938		•		1313842,1364681
1.6 Ti (84 kW) Eng.HXDA	04-	PA990		•		1406479
1.8 Flexifuel (92 kW)	06-	PA903				1089795,1119276,1142005,1142427 1229571,1364152
1.8 TDCi (85 kW) Eng.KKDA	05-	PA742				1079085,1104115,1131878
2.0 (107 kW) Eng.AODA/AODB	04-	PA903				1089795,1119276,1142005,1142427 1229571,1364152
2.0 TDCi (100 kW) Eng.G6DA/G6DB	04-	PA861		•		1232499,1432630

Focus II Cabrio '10/06-

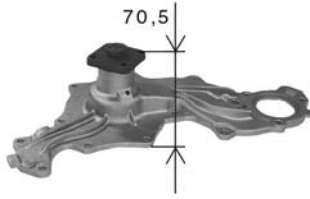
1.6 (74 kW)	06-	PA612				1007714,1020538,1132607,1326374 1350461,1376162,96MX8591AA,EPW80
2.0 (107 kW)	06-	PA903				1089795,1119276,1142005,1142427 1229571,1364152
2.0 TDCi (100 kW)	06-	PA861		•		1232499,1432630

Focus II SW '11/04-

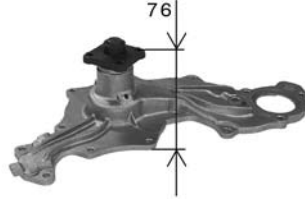
1.4 (59 kW)	05-	PA990		•		1406479
1.6 (74 kW)	05-	PA990		•		1406479
1.6 TDCi (66 kW)	05-	PA938		•		1313842,1364681
1.6 TDCi (80 kW)	05-	PA938		•		1313842,1364681
1.6 Ti (85 kW)	05-	PA990		•		1406479



PA036



PA130



PA174



PA189



PA279



PA579



PA588



PA612



PA617



PA742



PA762



n° 21 Denti/Teeth

PA859



PA861



8 Pale / Vane

PA879



PA903



n° 19 Denti/Teeth

PA938



PA990

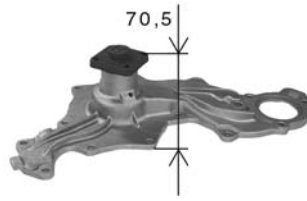
		GRAF ref.			NOTE	Ad. OE
1.8 Flexifuel (92 kW)	06-	PA903				1089795,1119276,1142005,1142427 1229571,1364152
1.8 TDCi (85 kW) Eng.KKDA	05-	PA742				1079085,1104115,1131878
2.0 (107 kW)	04-	PA903				1089795,1119276,1142005,1142427 1229571,1364152
2.0 TDCi (100 kW)	05-	PA861		•		1232499,1432630
Fusion (JU) '08/02-						
1.25 (55 kW) Eng.FUJA/FUJB	04-	PA990		•		1406479
1.4 16v (59 kW) Eng.FXJB/FXJA	10/02-04	PA612				1007714,1020538,1132607,1326374 1350461,1376162,96MX8591AA,EPW80
	05-	PA990		•		1406479
1.4 TDCi (50 kW) Eng.F6JA	10/02-	PA859		•		1147585,1359942,1366614
1.6 16v (74 kW) Eng.FYJA	02-04	PA612				1007714,1020538,1132607,1326374 1350461,1376162,96MX8591AA,EPW80
	05-	PA990		•		1406479
1.6 TDCi (66 kW) Eng.HHJA/HHJB	11/04-	PA938		•		1313842,1364681
Galaxy I (VX, WGR, VY) '03/95-'08/06						
1.9 TDI (66 kW) Eng.ANU/1Z/AHU	95-	PA279	•			1031879
	95-	PA579			w/BH	1031879
1.9 TDI (81 kW) Eng.AFN/AVG	97-00	PA279	•			1031879
	97-00	PA579			w/BH	1031879
1.9 TDI (85 kW) Eng.AUY	00-	PA762		•		1100635
1.9 TDI (96 kW) Eng.ASZ	03-	PA879		•		1250684,1250685
1.9 TDI (110 kW)	05-	PA879		•		1250684,1250685
2.0 i (85 kW) Eng.NSE/ZVSA	95-00	PA588				6189520,7087383,91XM8501AA,EPW75
2.3 16v (103 kW) Eng.E5SB	01-	PA588				6189520,7087383,91XM8501AA,EPW75
2.3 16v (107 kW) Eng.Y5B/E5SA	97-	PA588				6189520,7087383,91XM8501AA,EPW75
2.8 V6 (150 kW) Eng.AYL	00-	PA617	•			1001889,1059843,1213357
2.8 i V6, 4WD (128 kW) Eng.AAA/AMY	96-00	PA617	•			1001889,1059843,1213357
Galaxy II '09/06-						
1.8 TDCi (74 kW)	06-	PA742				1079085,1104115,1131878
2.0 (107 kW)	06-	PA903				1089795,1119276,1142005,1142427 1229571,1364152
2.0 TDCi (96 kW)	06-	PA861		•		1232499,1432630
2.0 TDCi (103 kW)	06-	PA861		•		1232499,1432630
Granada I (GGTL,FL), SW '01/72-'08/77						
1.7 (55 kW) Eng.TV17H	72-75	PA036				5005036,6036362,A790X8591DAA,EPW538
2.0 (66 kW) Eng.NY	75-77	PA130				1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
	75-77	PA174			w/AF	1527289,5005194,5007749,5007852 6043065,6049790,A810X8591FA A810X8591HA,EPW56,EPW58,EPW981
2.3, Coupe (79 kW) Eng.YYH	72-77	PA130				1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
	72-77	PA174			w/AF	1527289,5005194,5007749,5007852 6043065,6049790,A810X8591FA A810X8591HA,EPW56,EPW58,EPW981
2.6, Coupe (92 kW)	72-76	PA130				1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
	72-76	PA174			w/AF	1527289,5005194,5007749,5007852 6043065,6049790,A810X8591FA A810X8591HA,EPW56,EPW58,EPW981
3.0, Coupe (101 kW)	72-76	PA130				1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
	72-76	PA174			w/AF	1527289,5005194,5007749,5007852 6043065,6049790,A810X8591FA A810X8591HA,EPW56,EPW58,EPW981
Granada II (GU), SW '08/77-'08/85						
1.7 (51-54 kW) Eng.MY	77-81	PA036				5005036,6036362,A790X8591DAA,EPW538
1.9 D (Exc. SW) (40 kW)	77-82	PA189				1582105,1582106,5004976,5004977 A790X8591HA/KA,EPW15/6



PA083



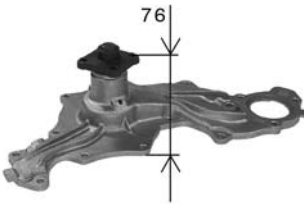
PA117



PA130



PA131



PA174



PA189



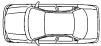



PA295



PA297



PA517

		GRAF ref.	 	NOTE	Ad. OE
2.0 (64 kW) Eng.OHCLC	77-79	PA117		w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69
	77-79	PA131			1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
	77-79	PA517		w/RB, w/AF, w/PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
2.0 (66 kW) Eng.NYP	1/79-85	PA083		w/AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19/57
	8/77-1/79	PA130			1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
	8/77-1/79	PA174		w/AF	1527289,5005194,5007749,5007852 6043065,6049790,A810X8591FA A810X8591HA,EPW56,EPW58,EPW981
2.0 (74 kW) Eng.NEP	79-85	PA083		w/AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19/57
2.0 (77 kW) Eng.NEK	81-85	PA083		w/AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19/57
2.1 D (Exc. SW) (46 kW) Eng.WTA	77-82	PA189			1582105,1582106,5004976,5004977 A790X8591HA/KA,EPW15/6
2.3 (79 kW) Eng.YYH	77-79	PA130			1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
	77-79	PA174		w/AF	1527289,5005194,5007749,5007852 6043065,6049790,A810X8591FA A810X8591HA,EPW56,EPW58,EPW981
2.3 (82 kW) Eng.YYU	81-85	PA083		w/AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19/57
2.3 (84 kW) Eng.YYP	79-85	PA083		w/AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19/57
2.5 D (51 kW) Eng.STP	82-85	PA297			5009823,5024638,83EF8501AA,89EX8591AA EPW45
2.8 (97 kW) Eng.PYU	81-85	PA083		w/AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19/57
2.8 (99 kW) Eng.PYA	1/79-85	PA083		w/AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19/57
	8/77-1/79	PA130			1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
	8/77-1/79	PA174		w/AF	1527289,5005194,5007749,5007852 6043065,6049790,A810X8591FA A810X8591HA,EPW56,EPW58,EPW981
2.8 i (108 kW) Eng.PRD	1/79-85	PA083		w/AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19/57
	8/77-1/79	PA130			1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
	8/77-1/79	PA174		w/AF	1527289,5005194,5007749,5007852 6043065,6049790,A810X8591FA A810X8591HA,EPW56,EPW58,EPW981
2.8 i (110 kW) Eng.PRC	82-85	PA083		w/AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19/57
2.8 i (118 kW) Eng.PR8	1/79-81	PA083		w/AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19/57
	8/77-1/79	PA130			1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
	8/77-1/79	PA174		w/AF	1527289,5005194,5007749,5007852 6043065,6049790,A810X8591FA A810X8591HA,EPW56,EPW58,EPW981

Granada III (GAE, GGE) '04/85-'09/94

1.8 (66 kW) Eng.REC	85-92	PA295			5012359,A840X8591KA,EPW66
2.0 (77 kW) Eng.NEL/N8D	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

			
PA117	PA295	PA297	PA303
			
PA322	PA420A	PA429A	PA509
			
PA548	PA588	PA590	PA639
		 <p>ø 129</p>	
PA741	PA902	PA932	PA974

		GRAF ref.			NOTE	Ad. OE
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/NRI	-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				6189520,7087383,91XM8501AA,EPW75
2.0 i, SW (85 kW) Eng.N9F	91-94	PA588				6189520,7087383,91XM8501AA,EPW75
2.0 i, SW (88 kW) Eng.N9D	-91	PA429A				1651816,6457409,7087382,88WF8501AB 91WM8501AA,EPW74
	91-	PA588				6189520,7087383,91XM8501AA,EPW75
2.4 i (96 kW) Eng.ARC	86-88	PA548				5012434,A840X8591MA,EPW14
2.4 i, Kat, SW (92 kW) Eng.ARD	88-94	PA548				5012434,A840X8591MA,EPW14
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.SFB/SFA	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	85-86	PA322				5011846,5026076,92TX8591DA A830X8591CTA,EPW64
2.9 i 24v, SW (143 kW) Eng.BOA	91/94	PA548				5012434,A840X8591MA,EPW14
2.9 i, 4WD (110 kW) Eng.BRC	86-94	PA548				5012434,A840X8591MA,EPW14
2.9 i, 4WD, SW (107 kW) Eng.BRD/BRE/BRF	86-94	PA548				5012434,A840X8591MA,EPW14

Ka (RB) '09/96-

1.3 i (36 kW) Eng.JJG/JJF/JJH/JJL/JJD	98-	PA639				1020567,1109341,96BX8591AA,EPW81
1.3 i (37 kW) Eng.JJB	96-	PA639				1020567,1109341,96BX8591AA,EPW81
1.3 i (44 kW) Eng.J4D/S/P/K/M/N/BAA	96-	PA639				1020567,1109341,96BX8591AA,EPW81
1.3 i (51 kW)	02-	PA639				1020567,1109341,96BX8591AA,EPW81
1.6i SportKa (70 kW)	03-	PA902				1336008,1361486

Maverick I '02/93-'04/98

2.7 TD (74 kW) Eng.TD27	93-96	PA932				1953221
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Mondeo I (GBP), SW '02/93-'08/96

1.6 i 16v (65 kW) Eng.L1J	94-96	PA509		•		6878045,EPW076
1.6 i 16v (66 kW) Eng.L1F	93-96	PA509		•		6878045,EPW076
1.8 TD (65-66 kW) Eng.RFN/RFM	93-96	PA590		•		1318354,5028472
1.8 i 16v (82 kW) Eng.RKB	94-96	PA509		•		6878045,EPW076
1.8 i 16v, 4WD (85 kW) Eng.RKA	93-96	PA509		•		6878045,EPW076
2.0 i 16v, 4WD (97-100 kW) Eng.NGA	93-96	PA509		•		6878045,EPW076
2.5 i 24v (125 kW) Eng.SEA	94-96	PA974	•			3006897,3667653,3715703,3800766 4096620,4356532,4448290,4551517 7269023

Mondeo II (BAP), SW '09/96-'11/00

1.6 i (66 kW) Eng.L1J	96-98	PA509		•		6878045,EPW076
	98-00	PA741				1053879,1094596,1114354,1130582 1227902,1317038,1320876,19BBX8591FA
1.6 i 16v (70 kW) Eng.L1L/L1N/L1Q	98-00	PA741				1053879,1094596,1114354,1130582 1227902,1317038,1320876,19BBX8591FA
1.8 TD (66 kW) Eng.RFN	96-00	PA590		•		1318354,5028472
1.8 i (85 kW) Eng.RKF/RKK/RKJ/RKH/RKB	96-98	PA509		•		6878045,EPW076
	98-00	PA741				1053879,1094596,1114354,1130582 1227902,1317038,1320876,19BBX8591FA
2.0 i (96 kW) Eng.NGB/NGA/NGC/NGD	96-00	PA509		•		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



PA153



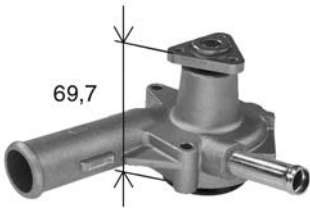
PA232



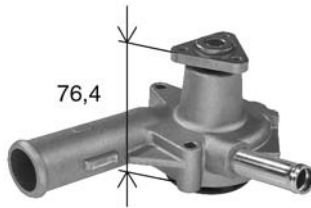
PA278



PA321



PA401



PA440



PA501

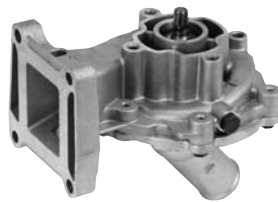


**Girante Turbina
Turbine Impeller**

PA589A



PA640



PA807



PA839



PA903



PA956

		GRAF ref.			NOTE	Ad. OE
Mondeo III (B5Y), SW '11/00-						
1.8 16v (81 kW) Eng.CGBB/CGBA	11/00-	PA903				1089795,1119276,1142005,1142427 1229571,1364152
1.8 16v (92 kW) Eng.CHBA/CHBB	11/00-	PA903				1089795,1119276,1142005,1142427 1229571,1364152
1.8 SCi (96 kW)	03-	PA903				1089795,1119276,1142005,1142427 1229571,1364152
2.0 16v (107 kW) Eng.CJBA/CJBB	11/00-	PA903				1089795,1119276,1142005,1142427 1229571,1364152
2.0 16v DI / TDDi (66 kW) Eng.D5BA	11/00-	PA807				1116996,1143851,1341835,1347102 1417825
	11/00-	PA839	•			1116996,1143851
2.0 16v DI / TDDi (85 kW) Eng.HJBB/HJBA/D6BA/HJBC	11/00-	PA807				1116996,1143851,1341835,1347102 1417825
	11/00-	PA839	•			1116996,1143851
2.0 TDCi (96 kW)	10/01-	PA807				1116996,1143851,1341835,1347102 1417825
	10/01-	PA839	•			1116996,1143851
2.2 TDCi (114 kW)	04-	PA807				1116996,1143851,1341835,1347102 1417825
	04-	PA839	•			1116996,1143851
2.5 V6 24v (125 kW) Eng.LCBD	00-	PA956	•			4373611,4514060
3.0 ST220 (166 kW)	02-	PA956	•			4373611,4514060
3.0 V6 24v (150 kW)	04-	PA956	•			4373611,4514060
Orion I (AFD) '07/83-'03/86						
1.3 (51 kW) Eng.JPA	83-86	PA232		•		5008470,5018437,A810X8591SA,EPW33
1.6 (58 kW) Eng.LP1/LPA	83-86	PA232		•		5008470,5018437,A810X8591SA,EPW33
1.6 D (40 kW) Eng.LTA	84-86	PA278				1126044,1233208,5011013,5012322 5023817,A830X8591TA,A840X8591JA,EPW61 EPW65
1.6 i (77 kW) Eng.LR1/LRA	83-86	PA232		•		5008470,5018437,A810X8591SA,EPW33
Orion II (AFF) '12/85-'07/90						
1.3 (44 kW) Eng.JLA/JLB/JBB	85-90	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
1.3 (51 kW)	86-88	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
1.4 (52 kW)	86-90	PA321	•			5013320,5020651,A840X8591BCA,EPW70
1.4 (54 kW) Eng.FUC	86-90	PA321	•			5013320,5020651,A840X8591BCA,EPW70
1.4 (55 kW) Eng.FUA	85-90	PA321	•			5013320,5020651,A840X8591BCA,EPW70
1.4 Kat (54 kW) Eng.F6D/F6B	87-90	PA321	•			5013320,5020651,A840X8591BCA,EPW70
1.6 (66 kW) Eng.LUC	85-90	PA321	•			5013320,5020651,A840X8591BCA,EPW70
1.6 D (40 kW) Eng.LTC	85-90	PA278				1126044,1233208,5011013,5012322 5023817,A830X8591TA,A840X8591JA,EPW61 EPW65
1.6 i (75 kW) Eng.LJB	89-90	PA321	•			5013320,5020651,A840X8591BCA,EPW70
1.6 i (77 kW) Eng.LRB	86-90	PA321	•			5013320,5020651,A840X8591BCA,EPW70
1.6 i Kat (66 kW) Eng.L4B	86-90	PA321	•			5013320,5020651,A840X8591BCA,EPW70
1.8 D (44 kW) Eng.RTB/RTA	89-90	PA640	•			1020988,1023645,5020242,88FX8591AA/AB 96FX8591AA,EPW40/82
Orion III (GAL) '07/90-'12/93						
1.3 (44 kW) Eng.J6A/J4B	5/91-	PA440				6683522,92BX8591AA,EPW60
	90-4/91	PA401				5020437,5025908,5026783,88BX8591AA 92BX8591BA,EPW71
1.4 (52 kW) Eng.F6F/F6G	90-93	PA321	•			5013320,5020651,A840X8591BCA,EPW70
1.4 (54 kW) Eng.FUH	90-93	PA321	•			5013320,5020651,A840X8591BCA,EPW70
1.6 (66 kW) Eng.LUJ/LUK	90-92	PA321	•			5013320,5020651,A840X8591BCA,EPW70
1.6 i (77 kW) Eng.LJF	90-92	PA321	•			5013320,5020651,A840X8591BCA,EPW70
1.6 i 16v (66 kW) Eng.L1E/L1K	92-93	PA501	•			5025607,928X8591AA,EPW55
1.8 D (44 kW) Eng.RTF/RTE/RTH	90-93	PA640	•			1020988,1023645,5020242,88FX8591AA/AB 96FX8591AA,EPW40/82
1.8 TD (66 kW) Eng.RFK/RFD	92-93	PA589A	•	Eng. D18T1		1031279,5024297,91FX8591AA,96FX8591EA EPW52,EPW85



PA295



PA297



PA303



PA322



PA420A



PA429A



PA501



PA548



PA588



PA612



PA671



PA802



PA861



PA903



PA976

		GRAF ref.			NOTE	Ad. OE
1.8 TD (66 kW) Eng.RFK/RFD	92-93	PA976			Eng. D18T	1053054,1233202,5020713 88FX8591B1A/2B/BA
1.8 i 16v (77 kW) Eng.RDA	92-93	PA501		•		5025607,928X8591AA,EPW55
1.8 i 16v (96 kW) Eng.RQB	92-93	PA501		•		5025607,928X8591AA,EPW55
Puma (EC) '03/97-						
1.4 16v (66 kW) Eng.FHF/FHD	97-00	PA612				1007714,1020538,1132607,1326374 1350461,1376162,96MX8591AA,EPW80
1.6 16v (76 kW)	8/00-	PA612				1007714,1020538,1132607,1326374 1350461,1376162,96MX8591AA,EPW80
1.7 16v (92 kW) Eng.MHB/MHA	97-	PA612				1007714,1020538,1132607,1326374 1350461,1376162,96MX8591AA,EPW80
S-Max '07/06-						
2.0 (107 kW)	06-	PA903				1089795,1119276,1142005,1142427 1229571,1364152
2.0 TDCi (96 kW)	06-	PA861		•		1232499,1432630
2.0 TDCi (103 kW)	06-	PA861		•		1232499,1432630
Scorpio I (GAE, GGE) '04/85-'09/94						
1.8 (66 kW) Eng.REC	4/85-89	PA295				5012359,A840X8591KA,EPW66
2.0 (77 kW) Eng.NEL/N8D	4/85-89	PA295				5012359,A840X8591KA,EPW66
2.0 (80 kW)	2/91-92	PA588				6189520,7087383,91XM8501AA,EPW75
	4/85-89	PA295				5012359,A840X8591KA,EPW66
	89-1/91	PA429A				1651816,6457409,7087382,88WF8501AB 91WM8501AA,EPW74
2.0 i (74 kW) Eng.NRC	4/85-89	PA295				5012359,A840X8591KA,EPW66
	89-90	PA429A				1651816,6457409,7087382,88WF8501AB 91WM8501AA,EPW74
2.0 i (85 kW) Eng.NRA/NRI	2/91-94	PA588				6189520,7087383,91XM8501AA,EPW75
	4/85-89	PA295				5012359,A840X8591KA,EPW66
	89-1/91	PA429A				1651816,6457409,7087382,88WF8501AB 91WM8501AA,EPW74
2.0 i (92 kW)	2/91-92	PA588				6189520,7087383,91XM8501AA,EPW75
	89-1/91	PA429A				1651816,6457409,7087382,88WF8501AB 91WM8501AA,EPW74
2.0 i, SW (85 kW) Eng.N9F	2/91-94	PA588				6189520,7087383,91XM8501AA,EPW75
2.0 i, SW (88 kW) Eng.N9D	2/91-94	PA588				6189520,7087383,91XM8501AA,EPW75
	89-1/91	PA429A				1651816,6457409,7087382,88WF8501AB 91WM8501AA,EPW74
2.4 i (96 kW) Eng.ARC	86-88	PA548				5012434,A840X8591MA,EPW14
2.4 i, Kat, SW (92 kW) Eng.ARD	88-94	PA548				5012434,A840X8591MA,EPW14
2.5 D (51 kW) Eng.STR	85-92	PA297				5009823,5024638,83EF8501AA,89EX8591AA EPW45
2.5 TD, SW (68 kW) Eng.SFB/SFA	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	85-86	PA322				5011846,5026076,92TX8591DA A830X8591CTA,EPW64
2.9 i 24v, SW (143 kW) Eng.BoA	91-94	PA548				5012434,A840X8591MA,EPW14
2.9 i, 4WD (110 kW) Eng.BRC	86-94	PA548				5012434,A840X8591MA,EPW14
2.9 i, 4WD, SW (107 kW) Eng.BRD/BRE/BRF	86-94	PA548				5012434,A840X8591MA,EPW14
Scorpio II (GFR,GGR,GNR), SW '10/94-'08/98						
2.0 i (85 kW) Eng.NSD	94-98	PA588				6189520,7087383,91XM8501AA,EPW75
2.0 i 16v (100 kW) Eng.N3A	94-98	PA588				6189520,7087383,91XM8501AA,EPW75
2.3 i 16v (108 kW) Eng.Y5A	96-98	PA588				6189520,7087383,91XM8501AA,EPW75
2.5 TD (85 kW) Eng.SCC	9/96-98	PA671	•		Impeller Ø 76mm	1032940
	9/96-98	PA802	•		Impeller Ø 71mm	1032940
	94-9/96	PA420A	•			7072641,V94DD8501AA
2.5 TD (92 kW) Eng.VM	96-98	PA671	•		Impeller Ø 76mm	1032940
	96-98	PA802	•		Impeller Ø 71mm	1032940
2.9 i (110 kW) Eng.BRG	95-98	PA548				5012434,A840X8591MA,EPW14
2.9 i 24v (152 kW) Eng.BoB	94-98	PA548				5012434,A840X8591MA,EPW14
Sierra I, SW '08/82-'12/86						
1.3 (Exc. SW) (44 kW) Eng.JCT	10/84-86	PA295			w/AF, w/PS	5012359,A840X8591KA,EPW66



PA083



PA117



PA131



PA295



PA297



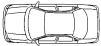



PA322



PA400



PA517

		GRAF ref.	 	NOTE	Ad. OE
1.3 (Exc. SW) (44 kW) Eng.JCT	6/82-10/84	PA517		w/RB, w/AF, w/PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
	82-86	PA117		w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69
	82-86	PA131			1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.6 (55 kW) Eng.LCS/LSD/LCT	10/84-86	PA295		w/AF, w/PS	5012359,A840X8591KA,EPW66
	6/82-10/84	PA517		w/RB, w/AF, w/PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
	82-86	PA117		w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69
	82-86	PA131			1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.6 (Exc. SW) (58 kW)	10/84-86	PA295		w/AF, w/PS	5012359,A840X8591KA,EPW66
	84-86	PA117		w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69
	84-86	PA131			1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.8 (66 kW) Eng.REB	84-86	PA400	•		5020121,88YX8591AA,EPW97
2.0 (66 kW) Eng.NYT	82-84	PA083		w/AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19/57
2.0 (74 kW) Eng.NRD	85-86	PA131			1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
	85-86	PA517		w/RB, w/PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
2.0 (77 kW) Eng.NET	82-86	PA131			1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
	82-86	PA517		w/RB, w/PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
2.0 i (85 kW) Eng.NRB/NR2	85-86	PA131			1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
	85-86	PA517		w/RB, w/PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
2.3 (84 kW) Eng.YYT	10/84-86	PA322			5011846,5026076,92TX8591DA A830X8591CTA,EPW64
	6/82-10/84	PA083		w/AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19/57
2.3 D (49 kW) Eng.YTT	6/82-86	PA297			5009823,5024638,83EF8501AA,89EX8591AA EPW45
2.8 XR, 4WD (110 kW) Eng.PRT	10/84-86	PA322			5011846,5026076,92TX8591DA A830X8591CTA,EPW64
	6/82-10/84	PA083		w/AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19/57
2.8 XR4i (105 kW) Eng.PR6	82-86	PA322			5011846,5026076,92TX8591DA A830X8591CTA,EPW64
2.8 XR4i (107 kW) Eng.PR5	82-86	PA322			5011846,5026076,92TX8591DA A830X8591CTA,EPW64
2.8 i XR 4WD (105-107 kW)	83-86	PA322			5011846,5026076,92TX8591DA A830X8591CTA,EPW64

Sierra II, SW '01/87-'02/93

1.6 (53 kW) Eng.LSF	10/84-93	PA295		w/AF, w/PS	5012359,A840X8591KA,EPW66
	88-93	PA117		w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69



PA117



PA131



PA295



PA297



PA322



PA400



PA429A



PA517



PA548



PA588



PA902



PA976

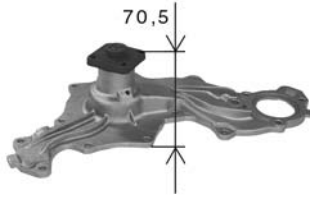
		GRAF ref.			NOTE	Ad. OE
1.6 (53 kW) Eng.LSF	88-93	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.6 (55 kW) Eng.LSE	10/84-93	PA295			w/AF, w/PS	5012359,A840X8591KA,EPW66
	87-93	PA117			w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69
	87-93	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.6 i (59 kW) Eng.L6B	10/84-93	PA295			w/AF, w/PS	5012359,A840X8591KA,EPW66
	89-93	PA117			w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69
	89-93	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.8 (59 kW) Eng.RED/REF	87-89	PA400		•		5020121,88YX8591AA,EPW97
1.8 (64 kW) Eng.R6A/R2C	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/RFB/RFL	88-93	PA976				1053054,1233202,5020713 88FX8591B1A/2B/BA
2.0 (77 kW) Eng.N8C/NES	1/87-1/91	PA429A				1651816,6457409,7087382,88WF8501AB 91WM8501AA,EPW74
	2/91-93	PA588				6189520,7087383,91XM8501AA,EPW75
2.0 16v Cosworth 4WD, Kat (162 kW) Eng.N5C	2/91-93	PA588				6189520,7087383,91XM8501AA,EPW75
	90-1/91	PA429A				1651816,6457409,7087382,88WF8501AB 91WM8501AA,EPW74
2.0 RS Cosworth (150 kW) Eng.N5B	87-90	PA295				5012359,A840X8591KA,EPW66
2.0 i (74 kW) Eng.NEJ/NE5	87-89	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
	87-89	PA517			w/RB, w/PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
2.0 i (80 kW) Eng.N8A	2/91-93	PA588				6189520,7087383,91XM8501AA,EPW75
	89-1/91	PA429A				1651816,6457409,7087382,88WF8501AB 91WM8501AA,EPW74
2.0 i (85 kW) Eng.N4A/N4I	1/87-1/91	PA429A				1651816,6457409,7087382,88WF8501AB 91WM8501AA,EPW74
	2/91-93	PA588				6189520,7087383,91XM8501AA,EPW75
	87-93	PA517			w/RB, w/PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
2.0 i (Only Coda Spiovente) (92 kW) Eng.N9B	2/91-93	PA588				6189520,7087383,91XM8501AA,EPW75
	89-1/91	PA429A				1651816,6457409,7087382,88WF8501AB 91WM8501AA,EPW74
2.0 i DOHC (85 kW) Eng.N9E	87-91	PA429A				1651816,6457409,7087382,88WF8501AB 91WM8501AA,EPW74
	91-93	PA588				6189520,7087383,91XM8501AA,EPW75
2.0 i Kat (74 kW) Eng.N4B	87-93	PA517			w/RB, w/PS	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
2.0, 4WD (88-92 kW) Eng.N9C	2/91-93	PA588				6189520,7087383,91XM8501AA,EPW75
	89-1/91	PA429A				1651816,6457409,7087382,88WF8501AB 91WM8501AA,EPW74
2.3 D (49 kW) Eng.YTT/YTR	87-89	PA297				5009823,5024638,83EF8501AA,89EX8591AA EPW45
2.8 4WD (110 kW) Eng.PRG	87-88	PA322				5011846,5026076,92TX8591DA A830X8591CTA,EPW64
2.8 i (105 kW) Eng.PR8	87-89	PA322				5011846,5026076,92TX8591DA A830X8591CTA,EPW64
2.8 i 4WD (107 kW) Eng.PR7	87-89	PA322				5011846,5026076,92TX8591DA A830X8591CTA,EPW64
2.9, 4WD (107-110 kW) Eng.B4A/B4C/B4B	88-93	PA548				5012434,A840X8591MA,EPW14

Street Ka '05/03-

1.6 (70 kW)	03-	PA902				1336008,1361486



PA117



PA130



PA131

		GRAF ref.			NOTE	Ad. OE
Taurus I (GBFK) '01/70-'02/76						
1.3, SW, Coupe (40 kW) Eng.JAC	70-76	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.6 (50 kW) Eng.LAD	74-75	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.6 (53 kW) Eng.LCJ	70-75	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.6, Coupe (65 kW)	70-76	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.6, SW (50 kW) Eng.LAD	74-75	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.6, SW, Coupe (53 kW) Eng.LCJ	70-76	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
2.0 V6, Coupe (66 kW)	70-76	PA130				1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
2.0, Coupe (72 kW)	73-76	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
2.3 V6 Coupe (79 kW)	71-76	PA130				1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
Taurus II (GBTS,GBFS,CBTS) '05/75-'07/79						
1.3, SW (40-43 kW) Eng.JAC	75-79	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.6 (65 kW) Eng.LE	76-79	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.6, SW (50 kW) Eng.LAD	75-79	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
1.6, SW (53 kW) Eng.LCJ	75-79	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
2.0, SW (64 kW) Eng.OHCLC	75-76	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
2.0, SW (66 kW) Eng.NYR	75-79	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
2.0, SW (70 kW) Eng.OHCHC	76-79	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
2.3, SW (79 kW) Eng.YYF	75-79	PA130				1499785,5005193,5025833,6043064 71F8501AA,A790X8591HBA,EPW980
Taurus III 80 (GBS, GBNS) '07/79-'07/82						
1.3, SW (43 kW) Eng.JCC	79-82	PA117			w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69
1.6 (65 kW) Eng.LE	79-82	PA117			w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69
1.6, SW (51 kW) Eng.LAR	79-82	PA117			w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69
1.6, SW (54 kW) Eng.LCJ	79-82	PA117			w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69



PA083



PA117



PA153



PA232



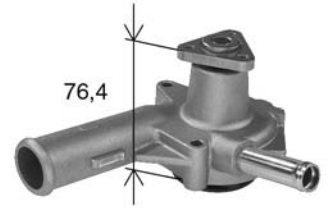
PA278



PA321



PA401



PA440



Girante Turbina
Turbine Impeller

PA589A



PA640

		GRAF ref.			NOTE	Ad. OE
2.0, SW (66 kW) Eng.NWR	79-82	PA117			w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69
2.0, SW (74 kW) Eng.NER	79-82	PA117			w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69
2.3, SW (84 kW) Eng.YYR	79-82	PA083			w/AF	5004980,5007851,5025832,A790X8591NA A810X8591GA,EPW19/57

FORD LCV
Escort Van III (AVA) '03/81-'02/86

1.1 (37 kW) Eng.GLB	81-86	PA153				5005197,5024603,6039328,6050034 6050907,,D8RZ8501A,EPW985
1.3 (51 kW) Eng.JPA	-85	PA232		•		5008470,5018437,A810X8591SA,EPW33
	85-86	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.6 D (40 kW) Eng.LTA	84-86	PA278				1126044,1233208,5011013,5012322 5023817,A840X8591JA,EPW61 EPW65

Escort Van IV (AVF) '02/86-'07/90

1.1 (37 kW) Eng.GSG	-88	PA401				5020437,5025908,5026783,92BX8591BA EPW71
	88-	PA153				5005197,5024603,6039328,6050034 6050907,,D8RZ8501A,EPW985
1.3 (44 kW) Eng.JLB/JBB/JLA	86-90	PA401				5020437,5025908,5026783,92BX8591BA EPW71
1.3 (46 kW) Eng.JBA	88-90	PA401				5020437,5025908,5026783,92BX8591BA EPW71
1.4 i (54 kW) Eng.F6D/FUC/F6B	86-90	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.6 D (40 kW) Eng.LTA	86-90	PA278				1126044,1233208,5011013,5012322 5023817,A830X8591TA,A840X8591JA,EPW61 EPW65
1.8 D (44 kW) Eng.RTB/RTA	88-90	PA640		•		1020988,1023645,5020242,88FX8591AA/AB 96FX8591AA,EPW40/82

Escort Van V (AVL) '07/90-'12/94

1.3 (46 kW) Eng.JBD	90-94	PA440				6683522,92BX8591AA,EPW60
1.4 (52-54 kW) Eng.F6F/F6G	90-94	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.8 D (44 kW) Eng.RTH	90-94	PA640		•		1020988,1023645,5020242,88FX8591AA/AB 96FX8591AA,EPW40/82

Escort Van VI (AVL) '01/95-

1.4 (54 kW) Eng.F4B	95-	PA321		•		5013320,5020651,A840X8591BCA,EPW70
1.8 D (44 kW) Eng.RTH/RTF	95-	PA640		•		1020988,1023645,5020242,88FX8591AA/AB 96FX8591AA,EPW40/82
1.8 TD (51 kW) Eng.RVA	95-01	PA589A		•		1031279,5024297,96FX8591EA EPW52,EPW85

Fiesta I Van '05/76-'08/83

0.95 (27 kW)	76-83	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
1.1 (40 kW)	76-83	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985

Fiesta II Van '03/83-'02/89

1.0 (29 kW)	83-89	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
1.1 (33-37 kW)	83-89	PA153				5005197,5024603,6039328,6050034 6050907,D8RZ8501A,EPW985
1.6 D (40 kW)	84-89	PA278				1126044,1233208,5011013,5012322 5023817,A830X8591TA,A840X8591JA,EPW61 EPW65

Fiesta III Van '03/89-'07/95

1.3 (44 kW)	91-95	PA440				6683522,92BX8591AA,EPW60



PA036



PA117



PA118



PA131



PA193



PA296



PA323



PA517



PA639



PA640



PA741



PA742



PA976

		GRAF ref.			NOTE	Ad. OE
1.8 D (44 kW)	89-95	PA640			•	1020988,1023645,5020242,88FX8591AA/AB 96FX8591AA,EPW40/82
Fiesta IV Van '08/95-'08/02						
1.3i (43 kW)	95-02	PA639				1020567,1109341,96BX8591AA,EPW81
1.8 D (43 kW)	95-02	PA640			•	1020988,1023645,5020242,88FX8591AA/AB 96FX8591AA,EPW40/82
P 100 I '04/82-'09/87						
1.6 (54 kW) Eng.LCR	82-87	PA517			w/RB	5006046,5009287,5010878,5011863 A820X8591BA,A830X8591KA,EPW51
P 100 II '10/87-						
1.8 TD (55 kW) Eng.RFA	87-92	PA976				1053054,1233202,5020713 88FX8591B1A/2B/BA
Tourneo Connect '09/02-						
1.8 16v (85 kW)	02-	PA741				1053879,1094596,1114354,1130582 1227902,1317038,1320876,19BBX8591FA
1.8 Di (55 kW)	02-	PA742				1079085,1104115,1131878
1.8 TDi (66 kW)	02-	PA742				1079085,1104115,1131878
Transit Connect '09/02-						
1.8 16v (85 kW)	9/02-	PA741				1053879,1094596,1114354,1130582 1227902,1317038,1320876,19BBX8591FA
1.8 Di (55 kW)	9/02-	PA742				1079085,1104115,1131878
1.8 TDCi (66 kW)	9/02-	PA742				1079085,1104115,1131878
Transit I '04/55-'04/67						
1.5 K-40 (40 kW)	65-67	PA036				5005036,6036362,A790X8591DAA,EPW538
Transit II '01/65-'09/78						
1.5 (44 kW) Eng.EX	65-73	PA036				5005036,6036362,A790X8591DAA,EPW538
1.6 (48 kW) Eng.EY	71-78	PA036				5005036,6036362,A790X8591DAA,EPW538
1.7 (48 kW) Eng.EY	65-78	PA036				5005036,6036362,A790X8591DAA,EPW538
2.0 (43-55-57 kW)	71-78	PA036				5005036,6036362,A790X8591DAA,EPW538
2.0 (V4)	71-78	PA036				5005036,6036362,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	PA117			w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69
	77-86	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
2.0 (43-55-57 kW) Eng.4RC	77-86	PA117			w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69
	77-86	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
2.4 D (46 kW) Eng.4AA	77-86	PA118			w/AF	5005916,5020823,A790X8591RJA,EPW48
	77-86	PA193				1511175,5004988,5020424,6031236 715F8501AAD,A790X8591ADA,EPW32
2.5 D (50 kW) Eng.4AB	11/85-86	PA323				5012773,5024545,914FX8591AA A840X8591AA,EPW20,EPW38
	83-11/85	PA296			w/AF	5011012,5024546,6093389,914FX8591BA A830X8591SA,EPW13,EPW43
Transit IV (T) '11/85-'09/92						
1.6 (46 kW) Eng.LAT	85-89	PA117			w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69



PA117



PA131



PA295



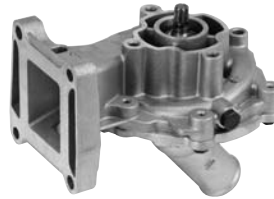
PA323



PA429A



PA548



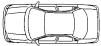


PA807

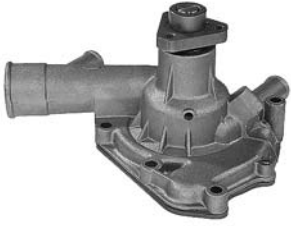


PA832



PA839

		GRAF ref.			NOTE	Ad. OE
1.6 (46 kW) Eng.LAT	85-89	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
2.0, Kat., 16v (57 kW) Eng.NAT/NAV/N6T	85-92	PA117			w/AF	5004995,5006043,5009286,5013268 5013274,6065711,A790X8591ALA/ANA/RLA A840X8591BAA,EPW50/68/69
	85-92	PA131				1528548,5004972,5005058,5010876 5010880,5011864,5013267,EPW63,EPW67 EPW7,EPW743,EPW746
2.5 D (50-52 kW) Eng.4AB/4CA/4BA	85-92	PA323				5012773,5024545,914FX8591AA A840X8591AA,EPW20,EPW38
2.5 TD (58 kW)	88-92	PA323				5012773,5024545,914FX8591AA A840X8591AA,EPW20,EPW38
Transit V (E1) '01/91-'09/94						
2.0 (66 kW) Eng.NBA	91-94	PA295				5012359,A840X8591KA,EPW66
2.0 i (72 kW) Eng.NCA	91-94	PA295				5012359,A840X8591KA,EPW66
2.5 DI (51 kW) Eng.4CC/4FA/4BC	91-94	PA323				5012773,5024545,914FX8591AA A840X8591AA,EPW20,EPW38
2.5 DI (59 kW) Eng.4DA	91-94	PA323				5012773,5024545,914FX8591AA A840X8591AA,EPW20,EPW38
2.5 TD (63 kW) Eng.4GC/A/B	92-94	PA323				5012773,5024545,914FX8591AA A840X8591AA,EPW20,EPW38
2.5 TD (74 kW) Eng.4EA	91-94	PA323				5012773,5024545,914FX8591AA A840X8591AA,EPW20,EPW38
2.9 i (107 kW) Eng.BRT	91-94	PA548				5012434,A840X8591MA,EPW14
Transit VI (E2) '07/94-'06/00						
2.0, CNG (84 kW) Eng.NSG/NSF/NSH	95-00	PA429A				1651816,6457409,7087382,91WM8501AA EPW74
2.5 DI (51 kW) Eng.4FA/B/C/D	94-00	PA323				5012773,5024545,914FX8591AA A840X8591AA,EPW20,EPW38
2.5 DI (56 kW) Eng.4HC/B	94-00	PA323				5012773,5024545,914FX8591AA A840X8591AA,EPW20,EPW38
2.5 DI (85 kW) Eng.4ED	97-00	PA323				5012773,5024545,914FX8591AA A840X8591AA,EPW20,EPW38
2.5 TD (55 kW) Eng.4HA/D	94-00	PA323				5012773,5024545,914FX8591AA A840X8591AA,EPW20,EPW38
2.5 TD (63 kW) Eng.4GA/F/E/D/B/C	95-00	PA323				5012773,5024545,914FX8591AA A840X8591AA,EPW20,EPW38
2.5 TD (74 kW) Eng.4EC/4EB	94-00	PA323				5012773,5024545,914FX8591AA A840X8591AA,EPW20,EPW38
Transit VII (FA, FD, FM) '01/00-						
2.0 DI (55 kW) Eng.D3FA	00-	PA807				1116996,1143851,1341835,1347102 1417825
	00-	PA839	•			1116996,1143851
2.0 DI (63 kW)	00-	PA807				1116996,1143851,1341835,1347102 1417825
2.0 DI (74 kW) Eng.ABFA	00-	PA807				1116996,1143851,1341835,1347102 1417825
	00-	PA839	•			1116996,1143851
2.0 TDCi (92 kW)	02-	PA807				1116996,1143851,1341835,1347102 1417825
	02-	PA839	•			1116996,1143851
2.3 16v (107 kW) Eng.E5FA	01-	PA429A				1651816,6457409,7087382,91WM8501AA EPW74
2.4 DI (55 kW) Eng.F4FA	00-	PA832				1096556,1136393,1146965,1308453 1385827
2.4 DI (66 kW) Eng.D2FA/D2FE	00-	PA832				1096556,1136393,1146965,1308453 1385827
2.4 DI (88 kW) Eng.D4FA	00-	PA832				1096556,1136393,1146965,1308453 1385827
2.4 TDCi (101 kW)	04-	PA832				1096556,1136393,1146965,1308453 1385827



PA018



PA019



PA429A



PA456



PA459



PA563



PA832



PA917

		GRAF ref.			NOTE	Ad. OE
2.4 TDE (85 kW)	04-	PA832				1096556,1136393,1146965,1308453 1385827
2.4 TDE (92 kW)	01-	PA832				1096556,1136393,1146965,1308453 1385827
Transit VIII '07/06-						
2.3 16v (107 kW)	06-	PA429A				1651816,6457409,7087382,91WM8501AA EPW74
2.4 TDCi (74 kW)	06-	PA832				1096556,1136393,1146965,1308453 1385827
2.4 TDCi (85 kW)	06-	PA832				1096556,1136393,1146965,1308453 1385827
2.4 TDCi (103 kW)	06-	PA832				1096556,1136393,1146965,1308453 1385827

FORD USA

Probe II (ECP) '10/93-'03/98						
2.5 V6 24v (119-120 kW) Eng.KL	93-98	PA917				3382081

FSO POLSKY

125P, SW '10/67-'08/92						
1.3 (47 kW) Eng.116C076	67-78	PA018				40 68 101
	75-76	PA019			w/AF	40 81 489
1.5 (55 kW)	67-78	PA018				40 68 101
	75-76	PA019			w/AF	40 81 489

HONDA

Accord I (SJ, SY, SM, SV, SZ) '01/78-'09/83						
1.6 L/EX (SY), H-Back (59 kW) Eng.EG/EL/EF/EP	82-83	PA456				19200-PA6-030,19200-PC1-000/-010/-080
1.8 (66 kW) Eng.EK1	82-83	PA456				19200-PA6-030,19200-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) (78 kW) Eng.A20A2	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 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) '01/90-'12/93						
1.8 (CB1,2), Aerodeck (74 kW) Eng.F18A2	90-91	PA563			•	19200-P0A-003,19200-P0B-A01 19200-PT0-013
2.0 16v (CB3) (66 kW) Eng.F20A6	90-93	PA563			•	19200-P0A-003,19200-P0B-A01 19200-PT0-013
2.0 16v (CB3) (81 kW) Eng.F20A2	90-93	PA563			•	19200-P0A-003,19200-P0B-A01 19200-PT0-013
2.0 i 16v (CB3) (98 kW) Eng.F20A4/F20A8	90-93	PA563			•	19200-P0A-003,19200-P0B-A01 19200-PT0-013
2.0 i 16v (CC9) Aerodeck (98 kW) Eng.F20Z3	93-93	PA563			•	19200-P0A-003,19200-P0B-A01 19200-PT0-013
2.0 i 16v Coupe (98 kW) Eng.F20A7	92-93	PA563			•	19200-P0A-003,19200-P0B-A01 19200-PT0-013
2.2 i 16v (CB8) Aerodeck (108 kW) Eng.F22A8	91-93	PA563			•	19200-P0A-003,19200-P0B-A01 19200-PT0-013
2.2 i 16v (CB8) Aerodeck (110 kW) Eng.F22A7	91-93	PA563			•	19200-P0A-003,19200-P0B-A01 19200-PT0-013
2.2 i 16v, Automatik (CB7) (108 kW) Eng.F22A3	90-93	PA563			•	19200-P0A-003,19200-P0B-A01 19200-PT0-013

Accord V (CC7) '03/93-'02/98						
1.8 (CD3) (74 kW) Eng.F18B	93-96	PA563			•	19200-P0A-003,19200-P0B-A01 19200-PT0-013



PA385



PA428



PA549



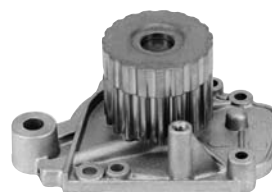
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PA563



PA564



PA669




PA896



PA943




 Voluta Fonda
 Concave Helix

PA971



PA1013

		GRAF ref.			NOTE	Ad. OE
2.0 (DC9) Coupe, Aerodeck (100 kW) Eng.F20B3	93-97	PA563		•		19200-P0A-003,19200-P0B-A01 19200-PT0-013
2.0 i (CC7,CE2,CD4) (85 kW) Eng.F20Z2	93-96	PA563		•		19200-P0A-003,19200-P0B-A01 19200-PT0-013
2.0 i S (96 kW) Eng.F20Z1	93-96	PA563		•		19200-P0A-003,19200-P0B-A01 19200-PT0-013
2.2 i ES Coupe, Aerodeck (110 kW) Eng.F22B5	93-98	PA563		•		19200-P0A-003,19200-P0B-A01 19200-PT0-013
2.3 i SR (116 kW) Eng.H23A3	93-96	PA564		•		19200-P14-A00
Accord VI (CE, CF) '02/96-'10/98						
1.9 i (CE7) (85 kW) Eng.F18A3	96-98	PA563		•		19200-P0A-003,19200-P0B-A01 19200-PT0-013
2.0 TDi (CF1) (77 kW) Eng.20T2N	96-98	PA562				19200-P5T-G00
2.0 i LS (CE8) (96 kW) Eng.F20Z1	96-98	PA563		•		19200-P0A-003,19200-P0B-A01 19200-PT0-013
2.2 i VTEC (CE9) (110 kW) Eng.F22Z2	96-98	PA563		•		19200-P0A-003,19200-P0B-A01 19200-PT0-013
Accord VII (CG) '02/98-'01/03						
1.6 i (85 kW) Eng.D16B6	98-03	PA669		•		19200-P2A-004/-A01/-A02/-A03 19200-PDF-E01
1.8 i, H-Back (100 kW) Eng.F18B2	98-03	PA943		•		19200-PDA-E01
2.0 TDi, H-Back (77 kW) Eng.20T2N	99-03	PA562				19200-P5T-G00
2.0 i, H-Back, Coupe (108 kW) Eng.F20B6	98-01	PA943		•		19200-PDA-E01
2.2 Type-R (156 kW) Eng.H22A7	99-03	PA896		•		19200-P13-003
Accord VIII '02/03-						
2.0, Tourer (114 kW) Eng.K20A	03-	PA971				19200-RBB-003/-013,19200-RFE-003
2.2 i-CTDi, Tourer (103 kW) Eng.N22A1	04-	PA1013				19200-RBD-E01,19200-RSR-E01
Ballade '01/81-'01/92						
1.3 Eng.EN4	81-83	PA549				19200-PA1-010/-020/-030
Civic I '07/72-'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 L, SW (44 kW) Eng.EN1	80-83	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-PE0-010,19200-PE0-660
1.5 (AN) (63 kW) Eng.EW2	83-87	PA385		•		19200-PE0-010,19200-PE0-660
1.5 4WD (AR) (63 kW) Eng.EW2	83-87	PA385		•		19200-PE0-010,19200-PE0-660
Civic II '10/83-'10/87						
1.2 (40 kW) Eng.D12B/ZA2	83-87	PA385		•		19200-PE0-010,19200-PE0-660
1.3 (52 kW) Eng.EV2	83-87	PA385		•		19200-PE0-010,19200-PE0-660
1.5 GL (63 kW) Eng.EW2	83-87	PA385		•		19200-PE0-010,19200-PE0-660
1.5 GT (74 kW) Eng.EW3	83-87	PA385		•		19200-PE0-010,19200-PE0-660
1.5 GTI (66 kW) Eng.EW4	86-87	PA385		•		19200-PE0-010,19200-PE0-660
Civic II Shuttle (EE) '01/88-'02/95						
1.4 i 16v (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	88-89	PA428		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/-013
1.6 i 16V 4WD (EE4) (81 kW) Eng.D16A6	88-95	PA428		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/-013
Civic III '09/87-'09/91						
1.2 Eng.D12B	88-91	PA428		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/-013



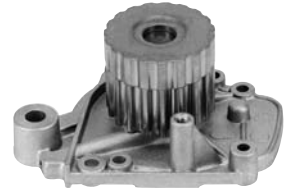
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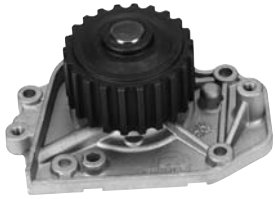
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PA668



PA669



PA670



PA925

		GRAF ref.			NOTE	Ad. OE
1.3 (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 (ED2) (66 kW) Eng.D14A1	87-89	PA428		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/-013
1.5 i 16v, 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	87-91	PA428		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/-013
1.6 i 16v (ED4) (81 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
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
1.6 i 16v, 4WD (80 kW) Eng.D16A6	87-91	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	PA668		•		19200-P1G-E02,19200-P7A-003
1.5 i 16v (EG4) (69 kW) Eng.D15B2	91-95	PA925		•		19200-P08-003/4
1.6 16v Vtec (EG5) (92 kW) Eng.D16Z6	91-95	PA428		•	Eng. SOHC	19200-P01-003,19200-P1J-E02 19200-PM3-003/-013
	91-95	PA925		•		19200-P08-003/4

Civic IV Coupe (EJ) '01/94-'03/96

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

Civic IV Coupé (MA, MB) '09/94-'01/97

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
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

Civic V (EJ9, EK1/3/4) '11/95-'02/01

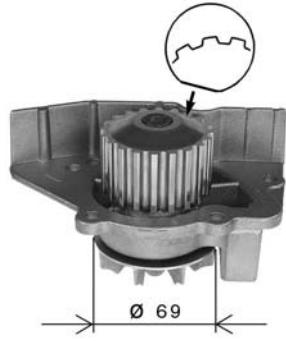
1.4 i (EJ9) (55 kW) Eng.D14A3	95-01	PA669		•		19200-P2A-004/-A01/-A02/-A03 19200-PDF-E01
1.4 i S (EJ9) (66 kW) Eng.D14A2	95-01	PA669		•		19200-P2A-004/-A01/-A02/-A03 19200-PDF-E01
1.5 i (EK3) (84 kW) Eng.D15Z6	95-01	PA669		•		19200-P2A-004/-A01/-A02/-A03 19200-PDF-E01
1.6 i (EK1) (84-92 kW) Eng.D16Y5/Y6/Y8	95-01	PA669		•		19200-P2A-004/-A01/-A02/-A03 19200-PDF-E01

Civic V Aerodeck (MC) '04/98-'02/01

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	PA668		•	Eng. SOHC VTEC	19200-P1G-E02,19200-P7A-003
	98-01	PA669		•	Eng. SOHC	19200-P2A-004/-A01/-A02/-A03 19200-PDF-E01
1.6 16v (MC1) (85 kW) Eng.D16B2	98-01	PA669		•	Eng. SOHC	19200-P2A-004/-A01/-A02/-A03 19200-PDF-E01
	98-01	PA670		•	Eng. DOHC	19200-P72-A01
1.8 16v (MC2) (124 kW) Eng.B18C4	98-01	PA670		•		19200-P72-A01
2.0 i D (MC3) (77 kW) Eng.20T2N	98-01	PA562				19200-P5T-G00



PA385



PA391



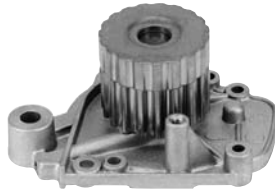
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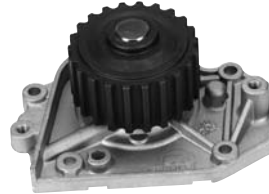
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PA669



PA670



PA778



PA876



PA897



PA948



PA949



PA970

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Voluta Piana
Flat Helix



PA1013

		GRAF ref.			NOTE	Ad. OE
Civic V Coupe (EJ6, EJ8) '03/96-'03/00						
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 Coupé (MB) '01/97-'02/01						
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	PA668		•	Eng. SOHC VTEC	19200-P1G-E02,19200-P7A-003
	97-01	PA669		•	Eng. SOHC	19200-P2A-004/-A01/-A02/-A03 19200-PDF-E01
1.6 16v (MB4) (85 kW) Eng.D16B2	97-01	PA669		•	Eng. SOHC	19200-P2A-004/-A01/-A02/-A03 19200-PDF-E01
	97-01	PA670		•	Eng. DOHC	19200-P72-A01
2.0 i TD (MB7) (63 kW) Eng.20T2N	97-01	PA562				19200-P5T-G00
Civic VI (EU, EP) '02/01-						
1.4 i (55 kW)	2/01-	PA669		•		19200-P2A-004/-A01/-A02/-A03 19200-PDF-E01
1.4 iS (66 kW) Eng.D14Z6	2/01-	PA876		•		19200-PLA-005,19200-PLM-A01
1.6 i (81 kW) Eng.D16V1	2/01-	PA876		•		19200-PLA-005,19200-PLM-A01
1.7 CTDi (74 kW) Eng.4EE-2	02-	PA948		•		19200-PLZ-D00
2.0 i Sport (118 kW) Eng.K20A3	04-06	PA970				19200-PNA-003,19200-PNL-E01
Civic VI Coupe (EM) '02/01-						
1.6 i (81 kW)	2/01-	PA876		•		19200-PLA-005,19200-PLM-A01
Civic VII H-Back '01/06-						
1.4 (61 kW)	06-	PA949				19200-PWA-003
2.2 CTDi (103 kW)	06-	PA1013				19200-RBD-E01,19200-RSR-E01
Concerto (HW) '08/89-'03/95						
1.4 (61 kW) Eng.D14A1	89-92	PA428		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/-013
1.4 (66 kW) Eng.D14A8/D14A1	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 (78 kW)	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		•		-
Cr-v I (RD) '10/95-						
2.0 16v (RD1, RD3) (94 kW) Eng.B20B	95-1/99	PA897		•		19200-P75-003
2.0 16v (RD1, RD3) (108 kW)	2/99-02	PA897		•		19200-P75-003
Cr-v II '07/02-						
2.0 (110 kW)	02-	PA970				19200-PNA-003,19200-PNL-E01
2.2 CTDi (103 kW)	05-	PA1013				19200-RBD-E01,19200-RSR-E01
Crx I (AF, AS) '10/83-'10/87						
1.3 (52 kW) Eng.EV2	83-87	PA385		•		19200-PE0-010,19200-PE0-660
1.5 i (AF) (74 kW) Eng.EW3	83-86	PA385		•		19200-PE0-010,19200-PE0-660
1.6 i 16v (AS) (92 kW) Eng.ZC1	86-87	PA778		•		19200-PG6-000/-405/-600
Crx II (ED, EE) '10/87-'02/92						
1.5 (EF6) (66 kW) Eng.D15B	87-92	PA428		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/-013



PA385



PA428



PA456



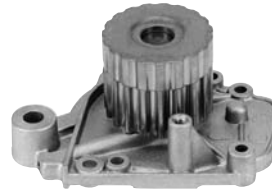
PA563



PA564



PA668



PA669



PA876



PA925



PA949



PA971



PA1013

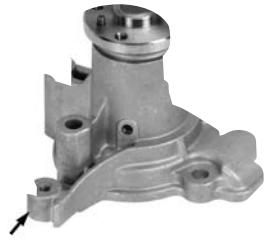


PA1018

		GRAF ref.			NOTE	Ad. OE
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) '03/92-'12/98						
1.6 ESi (EH6) (92 kW) Eng.D16Z6	92-98	PA925		•		19200-P08-003/4
1.6 i VTi (EG2) (118 kW) Eng.B16A2	92-98	PA925		•		19200-P08-003/4
FR-V '02/05-						
1.7 (92 kW)	05-	PA876		•		19200-PLA-005,19200-PLM-A01
2.2 i CTDi (103 kW)	05-	PA1013				19200-RBD-E01,19200-RSR-E01
HR-V (GH) '03/99-						
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
Integra (DA) '10/85-'08/89						
1.5 (DA2) (56 kW) Eng.EW	85-89	PA385		•		19200-PE0-010,19200-PE0-660
1.6 (DA1, AV) (85-88 kW) Eng.ZC	86-89	PA428		•		19200-P01-003,19200-P1J-E02 19200-PM3-003/-013
Jazz (GD) '03/02-						
1.2 DSi (57 kW) Eng.L12A1	02-	PA949				19200-PWA-003
1.4 DSi (61 kW) Eng.L13A1	02-	PA949				19200-PWA-003
Logo (GA3) '03/99-'03/02						
1.3 (48 kW) Eng.D13B7	99-02	PA668		•		19200-P1G-E02,19200-P7A-003
Odyssey '01/95-'01/98						
2.2 Eng.F22B	95-98	PA563		•		19200-P0A-003,19200-P0B-A01 19200-PT0-013
2.3 Eng.F23A	97-	PA563		•		19200-P0A-003,19200-P0B-A01 19200-PT0-013
Prelude I Coupe (SN) '01/78-'10/83						
1.6 (59 kW) Eng.EL	82-83	PA456				19200-PA6-030,19200-PC1-000/-010/-080
1.8 (74-77 kW) Eng.EK	82-83	PA456				19200-PA6-030,19200-PC1-000/-010/-080
Prelude IV (BB) '02/92-'09/96						
2.0 i 16v (BB3) (98 kW) Eng.F20A4	92-96	PA563		•		19200-P0A-003,19200-P0B-A01 19200-PT0-013
2.3 i 16v (BB2) (118 kW) Eng.H23A2	92-96	PA564		•		19200-P14-A00
Quintet (SU) '02/80-'12/84						
1.6 EX (59 kW) Eng.EL	80-84	PA456				19200-PA6-030,19200-PC1-000/-010/-080
S2000 (AP) '06/99-						
2.0 (177 kW) Eng.F20CVTEC	99-	PA1018				19200-PCX-003
Shuttle (RA) '10/94-'05/01						
2.3 16v (110 kW) Eng.F23A7	98-01	PA563		•		19200-P0A-003,19200-P0B-A01 19200-PT0-013
Stream (RN) '05/01-						
1.7 16v (92 kW) Eng.D17A2	5/01-	PA876		•		19200-PLA-005,19200-PLM-A01
2.0 16v (115 kW) Eng.K20A	01-	PA971				19200-RBB-003/-013,19200-RFE-003



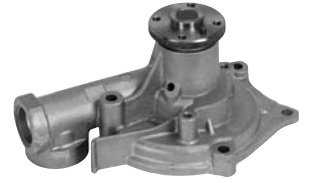
PA697



PA698



PA701



PA702



PA829



PA877



PA950



PA972



PA1021

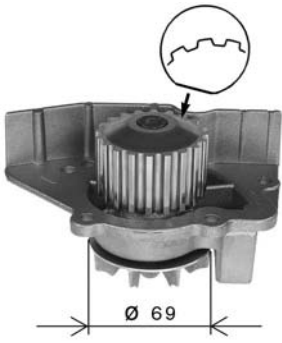


PA1023

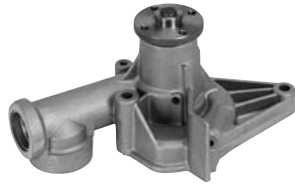


PA1024

		GRAF ref.			NOTE	Ad. OE
Accent I (X-3) '10/94-'01/00						
1.3 i, 12v (44-55-62 kW) Eng.G4EH	94-00	PA697				25100-22010/2,25100-24030/40/60
1.5 i 12v (65 kW) Eng.G4EK	94-00	PA697				25100-22010/2,25100-24030/40/60
1.5 i 16v (73 kW)	95-00	PA702				25100-33112,25100-33132
Accent II (LC) '01/00-'06/06						
1.3 (55-61-62-63 kW) Eng.G4E-A	00-06	PA697				25100-22010/2,25100-24030/40/60
1.5 (66 kW) Eng.G4EB	00-06	PA697				25100-22010/2,25100-24030/40/60
1.5 (75 kW) Eng.G4EC-G	00-06	PA950		•		25100-26900/1/2
1.5 CRDi (60 kW) Eng.D3-EA	4/02-06	PA829		•		25100-27000
Atos (MX) '02/98-						
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
Atos Prime (MX) '08/99-						
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-	PA877				25100-02500/1/2,25100-02555
Coupe I (RD) '08/96-'04/02						
1.6 16v (85 kW)	98-02	PA698				25100-23001/2
1.6 i 16v (84 kW) Eng.G4GR	96-02	PA698				25100-23001/2
2.0 16v (102 kW) Eng.G4GF	96-02	PA698				25100-23001/2
Coupe II (GK) '03/02-						
1.6 16V (77-79 kW) Eng.G4ED-G	02-2/03	PA950		•		25100-26900/1/2
2.0 (102 kW) Eng.G4GC-G	02-	PA972				25100-23010/1,25100-23511/3 25100-23530
2.0 GLS (105 kW)	02-	PA972				25100-23010/1,25100-23511/3 25100-23530
2.7 V6 (123 kW) Eng.G6BA-G	02-	PA1024		•		25100-37102,25100-37200/1
Elantra (XD) '06/00-						
1.6 (77-79 kW) Eng.G4ED-G	03-	PA950		•		25100-26900/1/2
2.0 (102 kW) Eng.G4GC-G	00-	PA972				25100-23010/1,25100-23511/3 25100-23530
2.0 (105 kW)	03-	PA972				25100-23010/1,25100-23511/3 25100-23530
2.0 CRDi (83 kW) Eng.D4EA	4/01-	PA829		•		25100-27000
Excel II '01/90-'05/96						
1.3 Eng.G4DG	90-96	PA697				25100-22010/2,25100-24030/40/60
1.3 12v (62 kW) Eng.G4N	90-96	PA697				25100-22010/2,25100-24030/40/60
1.5 Eng.G4DJ	90-96	PA697				25100-22010/2,25100-24030/40/60
1.5 12v (65 kW) Eng.G4K	90-96	PA697				25100-22010/2,25100-24030/40/60
Galloper II (JK-01) '08/98-						
2.5 TD intercooler (73 kW) Eng.D4BH	98-	PA701				25100-42540
Getz (TB) '09/02-						
1.1 (46 kW) Eng.G4HD	02-	PA1021				25100-02566
1.1 (49 kW)	05-	PA1021				25100-02566
1.3 (60-63 kW) Eng.G4EA	02-	PA697				25100-22010/2,25100-24030/40/60
1.4 16v (71 kW)	05-	PA950		•		25100-26900/1/2
1.5 CRDi (60 kW) Eng.D3EA	03-	PA829		•		25100-27000
1.5 CRDi (65 kW)	05-	PA1023		•		25100-2A000
1.6 (77 kW) Eng.G4ED-G	02-	PA950		•		25100-26900/1/2
Lantra I (J-1) '10/90-'11/95						
1.5 i.e. (63 kW) Eng.G15B/G4DJ	92-95	PA697				25100-22010/2,25100-24030/40/60
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



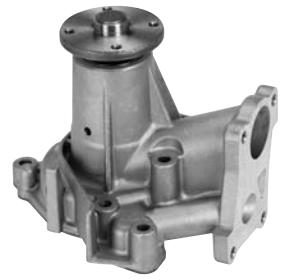
PA391



PA697



PA698



PA701



PA702



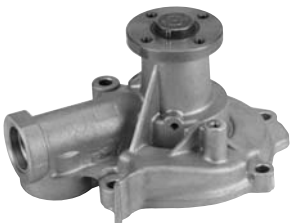
PA780



PA795



PA829



PA934



PA950



PA972



PA1002



PA1022






PA1023



PA1024

		GRAF ref.			NOTE	Ad. OE
Lantra II (J-2), SW '11/95-'09/00						
1.5 12V (65 kW) Eng.G4EK	96-00	PA697				25100-22010/2,25100-24030/40/60
1.6 16v (84 kW) Eng.G4GR	95-00	PA698				25100-23001/2
1.6 i (66 kW)	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.XUD	98-00	PA391		•		25111-29000
2.0 16v (102 kW) Eng.G4GF	96-00	PA698				25100-23001/2
Matrix (FC) '06/01-						
1.5 CRDi (60 kW) Eng.D3-EA	10/01-	PA829		•		25100-27000
1.5 CRDi (75 kW) Eng.D4-FA	04-	PA1023		•		25100-2A000
1.5 CRDi (81 kW)	06-	PA1023		•		25100-2A000
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 '06/74-						
1.5 (53 kW) Eng.G15B/G4DJ	85-89	PA697				25100-22010/2,25100-24030/40/60
Pony II (X-2) '10/89-'01/95						
1.3 (43 kW) Eng.G4DG	89-95	PA697				25100-22010/2,25100-24030/40/60
1.3 (49 kW)	89-95	PA697				25100-22010/2,25100-24030/40/60
1.3 12v (62 kW) Eng.G4N	89-95	PA697				25100-22010/2,25100-24030/40/60
1.5 (53-61-62 kW) Eng.G15B/G4DJ	89-95	PA697				25100-22010/2,25100-24030/40/60
S Coupe (SLC) '02/90-'05/96						
1.5 i (62 kW) Eng.G15B/G4DJ	90-96	PA697				25100-22010/2,25100-24030/40/60
1.5 i (65 kW) Eng.G4EK	92-96	PA697				25100-22010/2,25100-24030/40/60
1.5 i T. (85 kW) Eng.G4EK-TC	91-96	PA697				25100-22010/2,25100-24030/40/60
Santa Fé I (SM) '02/01-						
2.0 CRDi 4x4 (92 kW)	03-	PA829		•		25100-27000
2.0 CRDi, 4WD (83 kW) Eng.D4EA	4/01-	PA829		•		25100-27000
2.4 16v, 4WD (100-107 kW) Eng.G4JS-G	2/01-02	PA934				25100-38002
2.7 V6 4WD (127 kW) Eng.G6BA-G	01-	PA1024		•		25100-37102,25100-37200/1
Sonata I (Y-2) '09/88-'10/93						
2.0 i 16v (96 kW) Eng.G4CP-D	91-93	PA702				25100-33112,25100-33132
3.0 i V6 (107 kW) Eng.G6AT	91-93	PA795		•		25100-35020,25100-35030,25100-35050 25100-36010
Sonata II (Y-3) '05/93-'06/98						
2.0 i 16v (92 kW) Eng.G4CP-DM	96-98	PA702				25100-33112,25100-33132
2.0 i 16v (102 kW) Eng.G4CP-D	93-98	PA702				25100-33112,25100-33132
Sonata III (EF) '03/98-'10/01						
2.0 16v (100 kW) Eng.G4JP-G	98-01	PA934				25100-38002
Sonica '07/06-						
2.0 CRDi (103 kW) Eng.G4DF	93-	PA702				25100-33112,25100-33132
Starex (H1) '06/97-						
2.4, 4WD (82 kW)	97-	PA780				25100-32033
Terracan (HP) '12/01-						
2.5 TD (74 kW)	01-	PA701				25100-42540
2.9 CRDi (110 kW)	01-	PA1022				0K88R-15-100
2.9 CRDi (120 kW) Eng.J3	03-	PA1022				0K88R-15-100
3.5 i V6 4WD (143 kW) Eng.G6CU	01-	PA1002			w/BH	25100-39800/2
3.5 i V6 4WD (147 kW)	01-	PA1002			w/BH	25100-39800/2
Trajeto (FO) '03/00-						
2.0 (100 kW) Eng.G4JP-G	00-	PA934				25100-38002
2.0 (103 kW)	04-	PA972				25100-23010/1,25100-23511/3 25100-23530

			
<p>PA054</p>	<p>PA088</p>	<p>PA159</p>	<p>PA187</p>
			
<p>PA285</p>	<p>PA305</p>	<p>PA338A</p>	<p>PA398</p>
			
<p>PA554</p>	<p>PA559</p>	<p>PA598</p>	<p>PA626</p>
			
<p>PA630</p>	<p>PA700</p>	<p>PA780</p>	<p>PA829</p>
			
<p>PA972</p>	<p>PA1024</p>		

		GRAF ref.			NOTE	Ad. OE
2.0 CRDi (83 kW) Eng.D4EA	01-	PA829		•		25100-27000
2.7 V6 (127 kW)	00-	PA1024		•		25100-37102,25100-37200/1

Tucson (JM) '08/04-

2.0 CRDi, 4WD (83 kW) Eng.D4EA	04-	PA829		•		25100-27000
2.0, 4WD (104 kW)	04-	PA972				25100-23010/1,25100-23511/3 25100-23530
2.7 4WD (129 kW)	04-	PA1024		•		25100-37102,25100-37200/1

HYUNDAI LCV
H-1 Van, Starex '10/97-

2.4, 4WD (82 kW) Eng.G4CS	00-	PA780				25100-32033
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H100 Bus (P) '07/93-'03/00

2.4 (84-90 kW) Eng.G4CS	93-00	PA780				25100-32033
2.5 D, Van (55 kW) Eng.D4BX/D4BA	93-94	PA700				25100-42000

INNOCENTI
990 '01/86-'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) '08/91-

1.3 (49 kW) Eng.146A5.000	94-96	PA159				-
	94-96	PA559			w/RB	4336009,5882691,5890406
1.4 i.e. (49 kW) Eng.146C5.000/146D5.000	94-96	PA398			Eng. -9470268	71737972,7635148,7651586,7691047 7770038,7784979
	94-96	PA598	•		Eng. -9470268	7635148,7651586,7691047,7770038 7784979
	94-96	PA626	•		Eng. 9470269-	46437911,7752928
	94-96	PA630			Eng. 9470269-	46437911,7752928
1.5 i.e. (55 kW) Eng.149C1.000	92-94	PA285				7580754,7691043,7719921,7784981
1.6 i.e. (55 kW) Eng.146D6.000/146C6.000	94-96	PA398			Eng. -9470268	71737972,7635148,7651586,7691047 7770038,7784979
	94-96	PA598	•		Eng. -9470268	7635148,7651586,7691047,7770038 7784979
	94-96	PA626	•		Eng. 9470269-	46437911,7752928
	94-96	PA630			Eng. 9470269-	46437911,7752928
1.7 D (42 kW) Eng.146B2.000	91-96	PA338A				46409136,71737977,7608844,7693966

IM3 / IM3S '01/62-'12/71

1.1 (33 kW) Eng.10H	62-71	PA187				38402022,38402024,38406025
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J4/ J4S / J5 '01/71-'12/76

1.1 (33 kW) Eng.10H	71-76	PA187				38402022,38402024,38406025
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Koral '01/90-'12/92

0.9 45 (33 kW) Eng.100GL064	90-92	PA088				4471378
1.1 55 (40 kW) Eng.128A	90-92	PA054				5882695
	90-92	PA554	•			5882695

Mille '01/94-

1.0ie Eng.146C7	96-	PA159				-
	96-	PA559			w/RB	4336009,5882691,5890406

Mini I '01/69-'01/77

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 '01/77-'10/85

0.8 (25 kW)	77-85	PA187				38402022,38402024,38406025
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PA031



PA187



PA305



PA797



PA809



PA810



PA811



PA842

		GRAF ref.		NOTE	Ad. OE
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)	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	85-87	PA305			554021207
1.0 T. De Tomaso	85-87	PA305			554021207

ISUZU
Bighorn '09/81-'11/89

2.2D (39-45 kW) Eng.C223	81-89	PA797			8943768370
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Campo '04/77-'12/91

2.2 D, 4WD (39-45 kW) Eng.C223	83-91	PA797			8943768370
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Elf '01/83-

150 2.5D Eng.4JA1	7/84-	PA809			8943102510,8943768410,8943768440 8944194612,8944611730,8970185601
250 2.8D, TD Eng.4JB1/T	7/84-	PA809			8943102510,8943768410,8943768440 8944194612,8944611730,8970185601
350 2.2D Eng.C223	1/83-	PA797			8943768370

Fargo

1.8D Eng.4FB1	81-6/82	PA810			8942400890,8942403780,8970102000
1.8D Eng.4FC1	4/83-94	PA811			8941185010,8970102010
	82-3/83	PA810			8942400890,8942403780,8970102000
1.8TD Eng.4FC1T	84-94	PA811			8941185010,8970102010
2.2D Eng.4FD1	83-94	PA811			8941185010,8970102010
2.4D Eng.4FG1	87-94	PA811			8941185010,8970102010

Faster

KB 20 KBG 21	10/80-05/88	PA797			8943768370
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Florian (PAD30) '12/79-'08/83

2.0D Eng.C190	12/79-8/83	PA797			8943768370
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Trooper I (UBS)

2.2 D 4WD (39 kW) Eng.C223	84-89	PA797			8943768370
2.8 TD (71 kW) Eng.4JB1T	87-91	PA809			8943102510,8943768410,8943768440 8944194612,8944611730,8970185601
					8943102510,8943768410,8943768440 8944194612,8944611730,8970185601
2.8 TD (78 kW) Eng.4JB1TC	88-91	PA809			8943102510,8943768410,8943768440 8944194612,8944611730,8970185601

IVECO
100

F13, OM13, EC Eng.8060.02		PA031			4639182,4655010,4655054,4679242 93191101
NC Eng.8060.02		PA031			4639182,4655010,4655054,4679242 93191101

109

109.14 Zeta Eng.8060.04		PA842			98497115
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110

110.14, NC, 130 NC Eng.8060.04		PA842			98497115
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115

115.14 - 115.17 Eng.8060.04/.24		PA842			98497115
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PA023



PA031



PA077



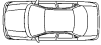



PA840



PA841



PA842

		GRAF ref.	 	NOTE	Ad. OE
135					
135.14 - 135.17 Eng.8060.05		PA842			98497115
145					
145.17 Eng.8060.25		PA842			98497115
150					
F14, OM14, 150.16A, 150.17,150.20 Eng.8060.25		PA842			98497115
175					
175.17 Eng.8060.25	92-	PA842			98497115
300					
300 Eng.8210.02		PA077			4606023,4952496
40					
35, 40 NC, OM Eng.8040.02		PA031			4639182,4655010,4655054,4679242 93191101
40/35					
OM 40 - 40/35 NC Eng.8040.02		PA031			4639182,4655010,4655054,4679242 93191101
50					
50 - NC/ F8, OM8 Eng.8040.02		PA031			4639182,4655010,4655054,4679242 93191101
50.9 Eng.8040.05	1/87-12/91	PA840			4813370
	92-	PA841			98497117
NC, OM Eng.8040.02		PA031			4639182,4655010,4655054,4679242 93191101
55					
NC, OM Eng.8040.02		PA031			4639182,4655010,4655054,4679242 93191101
60					
60.11 T., 65.12 T.		PA842			98497115
60.8, 60.10	1/87-12/91	PA840			4813370
615					
N1 Eng.305		PA023			562988
616					
N2 Eng.803A		PA031			4639182,4655010,4655054,4679242 93191101
N3 Eng.8030.02		PA031			4639182,4655010,4655054,4679242 93191101
N4 Eng.803A		PA031			4639182,4655010,4655054,4679242 93191101
625					
N2, N2P Eng.804A		PA031			4639182,4655010,4655054,4679242 93191101
N3 Eng.8040.02		PA031			4639182,4655010,4655054,4679242 93191101
645					
N1 Eng.806A		PA031			4639182,4655010,4655054,4679242 93191101
N2 Eng.806A		PA031			4639182,4655010,4655054,4679242 93191101
N3 Eng.8060.02		PA031			4639182,4655010,4655054,4679242 93191101



PA031



PA077



PA840



PA842

		GRAF ref.		NOTE	Ad. OE
65					
65.9 Z Eng.8040.05	1/87-12/91	PA840			4813370
65PC Eng.8040.02		PA031			4639182,4655010,4655054,4679242 93191101
653					
N - N1 - N2 - N3		PA031			4639182,4655010,4655054,4679242 93191101
655					
N Eng.806A		PA031			4639182,4655010,4655054,4679242 93191101
N1 Eng.8060.02		PA031			4639182,4655010,4655054,4679242 93191101
662					
N1 Eng.806A		PA031			4639182,4655010,4655054,4679242 93191101
N2 Eng.806A		PA031			4639182,4655010,4655054,4679242 93191101
N3 T Eng.8060.02		PA031			4639182,4655010,4655054,4679242 93191101
672					
N Eng.8060.02		PA031			4639182,4655010,4655054,4679242 93191101
684					
N Eng.8200.02		PA077			4606023,4952496
T Eng.8200.03		PA077			4606023,4952496
690					
N4 Eng.8200.02		PA077			4606023,4952496
N4 Eng.8210.02		PA077			4606023,4952496
691					
N Eng.8210.02		PA077			4606023,4952496
697					
N Eng.8210.02		PA077			4606023,4952496
79					
79.10, 79.12 T. Zeta Eng.8060.25	1/87-12/91	PA840			4813370
79.13, 79.14 Zeta Eng.8040.25		PA842			98497115
90					
NC, OM, F13, OM13 Eng.8060.04		PA031			4639182,4655010,4655054,4679242 93191101
OM14 Eng.8060.04		PA031			4639182,4655010,4655054,4679242 93191101
95					
95.14 Zeta Eng.8060.04		PA842			98497115
Autobus					
314/3 Eng.8060.12		PA031			4639182,4655010,4655054,4679242 93191101
315.13 Eng.8060.04		PA031			4639182,4655010,4655054,4679242 93191101
315.17 Eng.8060.24		PA031			4639182,4655010,4655054,4679242 93191101
316.13 Eng.8060.04		PA031			4639182,4655010,4655054,4679242 93191101



PA161



PA178



PA317



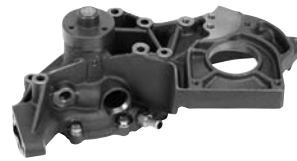
PA498



PA499



PA500



PA843



PA844



PA900



PA913



PA914



PA915








PA916



PA967

		GRAF ref.		NOTE	Ad. OE
Daily - Grinta '01/79-'12/90					
30.8 Eng.8140.61	79-90	PA178			4714636,4754850,4764761,7303009
32.8 Eng.8140.61	79-90	PA178			4714636,4754850,4764761,7303009
35.10, T. Eng.8140.21	79-90	PA317			7303056,99459755
35.12 T. Eng.8140.61	79-90	PA498		Vett 12675-12679, w/AF	98435994,99459757
35.8 Eng.8140.61	79-90	PA178			4714636,4754850,4764761,7303009
40.10 Eng.8140.21	79-90	PA317			7303056,99459755
40.8 Eng.8140.61	79-90	PA178			4714636,4754850,4764761,7303009
45.10, T. Eng.8140.21	79-90	PA317			7303056,99459755
Daily I '01/91-'01/99					
30.10 Eng.8140.21	96-	PA500			500300476,98438356,99438900
30.8, 35.8 Eng.8140.61	91-99	PA161		w/AF	7303050
	91-99	PA178			4714636,4754850,4764761,7303009
	96-99	PA500			500300476,98438356,99438900
	91-95	PA499		Vett 12497-12674, w/AF	98437726,99440728
30.8 Eng.8140.63	98-99	PA914			500361203,500361919
35.10 Eng.8140.21	91-95	PA161		w/AF	7303050
	91-95	PA178			4714636,4754850,4764761,7303009
	96-99	PA500			500300476,98438356,99438900
35.12 V, C Eng.8140.61	91-99	PA500		Vett 12680-, w/AF	500300476,98438356,99438900
35.8 Eng.8140.63	96-98	PA916			2995624,500361455
	98-99	PA914			500361203,500361919
40.10 Eng.8140.21	91-95	PA161		w/AF	7303050
	91-95	PA178			4714636,4754850,4764761,7303009
40.8 Eng.8140.61	91-95	PA161		w/AF	7303050
	91-95	PA178			4714636,4754850,4764761,7303009
45.10TD Eng.8140.21	91-95	PA161		w/AF	7303050
	91-95	PA178			4714636,4754850,4764761,7303009
49.10TD Eng.8140.21	91-95	PA161		w/AF	7303050
	91-95	PA178			4714636,4754850,4764761,7303009
	96-99	PA500			500300476,98438356,99438900
49.12TD Eng.8140.21	96-99	PA500			500300476,98438356,99438900
59.12 (85 kW) Eng.8140.21	96-99	PA500			500300476,98438356,99438900
59.12 T. (90 kW) Eng.8140.21	96-99	PA500			500300476,98438356,99438900
Daily II '02/99-					
29L11 2.8D (62 kW) Eng.8140.43C	99-	PA915			500362859
29L12 2.3JTD Eng.F1AE0481C	99-	PA900	•		504033770
35C11V 2.8D (78 kW) Eng.8140.43C	99-	PA913			500362834
35C13V 2.8D (92 kW) Eng.8140.43S	99-	PA915			500362859
35C14 3.0JTD (96 kW) Eng.F1CE0481A	05-	PA967			504113544
35S11 2.8D (78 kW) Eng.8140.43C	99-	PA913			500362834
35S13 2.8D (92 kW) Eng.8140.43S	99-	PA915			500362859
50C11 2.8D Eng.8140.43C	99-	PA915			500362859
50C13 2.8D Eng.8140.43S	99-	PA915			500362859
50C14 3.0JTD (136 kW) Eng.F1CE0481A	05-	PA967			504113544
EuroCargo					
100 E 15 (105 kW) Eng.8060.25R,.45R	91-	PA843			98415831
100 E 18 (130 kW) Eng.8060.25V	91-	PA843			98415831
100 E 21 (152 kW) Eng.8060.45	91-	PA843			98415831
120 E 15 (105 kW) Eng.8060.25R	91-	PA843			98415831
120 E 18 (130 kW) Eng.8060.25V	92-	PA843			98415831
120 E 23 (167 kW) Eng.8060.45	92-	PA844			4838676
120 E 23 (167 kW) Eng.8060.45S	91-	PA844			4838676
130 E 15 (105 kW) Eng.8060.25R	94-	PA843			98415831
130 E 18 (130 kW) Eng.8060.25V	92-	PA843			98415831

		<p>N° denti / teeth = 21 Ø 57</p> 	<p>N° denti / teeth = 21 Ø 57</p> 
<p>PA843</p>	<p>PA844</p>	<p>PA845</p>	<p>PA846</p>
<p>N° denti / teeth = 23 Ø 62,5</p> 	<p>N° denti / teeth = 23 Ø 62,5</p> 		<p>N° denti / teeth = 19 Ø 65</p> 
<p>PA849</p>	<p>PA850</p>	<p>PA851</p>	<p>PA852</p>
			
<p>PA942</p>	<p>PA968</p>	<p>PA969</p>	

		GRAF ref.			NOTE	Ad. OE
130 E 23 (167 kW) Eng.8060.45	92-	PA844				4838676
130 E 23 (167 kW) Eng.8060.45S	92-	PA844				4838676
150 E 23 (167 kW) Eng.8060.45	92-	PA844				4838676
150 E 23 (167 kW) Eng.8060.45S	92-	PA844				4838676
150 E 27 (196 kW) Eng.8360.46	92-	PA845				98439476
	92-	PA846	•			42532082,42535615
170 E 27,180 E 27 (196 kW) Eng.8360.46	94-	PA845				98439476
	94-	PA846	•			42532082,42535615
320 E 27 (196 kW) Eng.8360.46	92-	PA845				98439476
	92-	PA846	•			42532082,42535615
60 E 12 (85 kW) Eng.8040.25X	91-96	PA843				98415831
65 E 12 (85 kW) Eng.8040.25X	91-	PA843				98415831
65 E 14 (100 kW) Eng.8040.45	91-	PA843				98415831
75 E 12 (85 kW) Eng.8040.25X	91-	PA843				98415831
75 E 14 (100 kW) Eng.8040.45	91-	PA843				98415831
75 E 15 (105 kW) Eng.8060.25R	91-00	PA843				98415831
80 E 15 (105 kW) Eng.8060.25R	91-	PA843				98415831
80 E 18 (130 kW) Eng.8060.25V	91-	PA843				98415831
80 E 21 (152 kW) Eng.8060.45	91-	PA843				98415831

EuroStar

LD 190 E 42 (309 kW) Eng.8210.42L	93-95	PA851				98447661
	93-95	PA852	•			98479675,99445447
	96-	PA969				500350783
LD 190 E 47 (345 kW) Eng.8210.42M	93-95	PA852	•			98479675,99445447
	96-	PA969				500350783
LD 240 E 42 (309 kW) Eng.8210.42L	93-95	PA851				98447661
	93-95	PA852	•			98479675,99445447
	96-	PA969				500350783
LD 240 E 47 (345 kW) Eng.8210.42M	93-95	PA852	•			98479675,99445447
	96-	PA969				500350783
LD 440 E 42 (309 kW) Eng.8210.42L	93-95	PA851				98447661
	93-95	PA852	•			98479675,99445447
	96-	PA969				500350783
LD 440 E 47 (345 kW) Eng.8210.42M	93-95	PA852	•			98479675,99445447
	96-	PA969				500350783
LD 440 E 48 (353 kW) Eng.F3BE0681E	01-02	PA942				500356553

EuroTech MP

180 E 34 (254 kW) Eng.8460.41K	92-93	PA849				61318939
	92-93	PA850	•			93190284
180 E 42 (309 kW) Eng.8210.42L	92-93	PA851				98447661
	92-93	PA852	•			98479675,99445447
190 E 34 (254 kW) Eng.8460.41K	93-95	PA849				61318939
	93-95	PA850	•			93190284
	96-	PA968				50035797
190/240 E 38 (276 kW) Eng.8460.41L	93-95	PA849				61318939
	93-95	PA850	•			93190284
	96-	PA968				50035797
190 E 42 (309 kW) Eng.8210.42L	93-95	PA851				98447661
	93-95	PA852	•			98479675,99445447
	96-	PA969				500350783
240/260 E 42 (309 kW) Eng.8210.42L	92-95	PA851				98447661
	92-95	PA852	•			98479675,99445447
	96-	PA969				500350783
400 E 38 (276 kW) Eng.8460.41L	96-	PA968				50035797
400 E 38 (276 kW) Eng.8460.41N	92-95	PA849				61318939
	92-95	PA850	•			93190284
	96-	PA968				50035797
400 E 42 (309 kW) Eng.8210.42L	92-95	PA851				98447661

<p>N° denti / teeth = 23 Ø 62,5</p> 	<p>N° denti / teeth = 23 Ø 62,5</p> 		<p>N° denti / teeth = 19 Ø 65</p> 
<p>PA849</p>	<p>PA850</p>	<p>PA851</p>	<p>PA852</p>
<p>N° denti / teeth = 24 Ø 63</p> 	<p>N° denti / teeth = 24 Ø 63</p> 		
<p>PA853</p>	<p>PA854</p>	<p>PA942</p>	<p>PA968</p>
			
<p>PA969</p>			

		GRAF ref.			NOTE	Ad. OE
400 E 42 (309 kW) Eng.8210.42L	92-95	PA852	•			98479675,99445447
	96-	PA969				500350783
400/440 E 34 (254 kW) Eng.8460.41K	92-95	PA849				61318939
	92-95	PA850	•			93190284
	96-	PA968				50035797
440 E 38 (276 kW) Eng.8460.41L	96-	PA968				50035797
440 E 42 (309 kW) Eng.8210.42L	93-95	PA851				98447661
	93-95	PA852	•			98479675,99445447
	96-	PA969				500350783

EuroTech MT

180 E 30 (221 kW) Eng.8460.41C	92-95	PA849				61318939
	92-95	PA850	•			93190284
	1/96-	PA968				50035797
180 E 34 (254 kW) Eng.8460.41K	92-93	PA849				61318939
	92-93	PA850	•			93190284
190 E 30 (221 kW) Eng.8460.41C	97-98	PA849				61318939
	97-98	PA850	•			93190284
400 E 34 (254 kW) Eng.8460.41K	92-95	PA849				61318939
	92-95	PA850	•			93190284
	96-	PA968				50035797

EuroTrakker

MP 190 E 34 (254 kW) Eng.8460.41K	93-95	PA849				61318939
	93-95	PA850	•			93190284
	96-	PA968				50035797
MP 190 E 37 (272 kW) Eng.8210.42K	93-95	PA851				98447661
	93-95	PA852	•			98479675,99445447
	96-	PA969				500350783
MP 190 E 38 (280 kW) Eng.F3BE0681G	01-04	PA942				500356553
MP 190 E 42 (309 kW) Eng.8210.42L	93-	PA969				500350783
MP 190 E 44 (324 kW) Eng.F3BE0681C	00-04	PA942				500356553
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 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 (254 kW) Eng.8460.41K	93-95	PA849				61318939
	93-95	PA850	•			93190284
	96-	PA968				50035797
MP 380/410 E 37 (272 kW) Eng.8210.42K	93-95	PA851				98447661
	93-95	PA852	•			98479675,99445447
	96-	PA969				500350783
MP 380 E 38 (280 kW) Eng.F3BE0681G	01-04	PA942				500356553
MP 380 E 42 (309 kW) Eng.8210.42L	93-95	PA851				98447661
	93-95	PA852	•			98479675,99445447
	96-	PA969				500350783
MP 380 E 44 (324 kW) Eng.F3BE0681C	01-04	PA942				500356553
MP 410 E 38 (280 kW) Eng.F3BE0681G	01-04	PA942				500356553
MP 410/720 42 (309 kW) Eng.8210.42L	93-95	PA851				98447661
	93-95	PA852	•			98479675,99445447
	96-	PA969				500350783
MP 720 E 37 (272 kW) Eng.8210.42K	93-	PA969				500350783

P / PA '12/79-'12/93

330.36 (265 kW) Eng.8210.42	89-92	PA853				98468830,99458098
	89-92	PA854	•			42530032,93190286

Stralis

AS 260S48 (353 kW) Eng.F3BE0681E	02-	PA942				500356553
AS 260S54 (397 kW) Eng.F3BE0681A	02-	PA942				500356553



PA527



PA671



PA802



PA816



PA847



PA848



PA853



PA854



PA891



PA942



PA950



PA972



PA1002



PA1007

		GRAF ref.		NOTE	Ad. OE
AS 440S48 (353 kW) Eng.F3BE0681E	02-	PA942			500356553
AS 440S54 (397 kW) Eng.F3BE0681A	02-	PA942			500356553

Trakker

AD/AT 190T38 (280 kW) Eng.F3BE0681G	05-	PA942			500356553
AD/AT 190T44 (324 kW) Eng.F3BE0681C	05-	PA942		ZF	500356553
AD/AT 260T38 (280 kW) Eng.F3BE0681G	04-	PA942			500356553

TurboTech '01/90-'01/93

190.36 (277 kW) Eng.8210.42	90-92	PA847			98468832,99458099
	90-92	PA848	•		42530033
	90-92	PA853			98468830,99458098
	90-92	PA854	•		42530032,93190286
220.36/240.36 (277 kW) Eng.8210.42	90-93	PA847			98468832,99458099
	90-93	PA848	•		42530033
	90-93	PA853			98468830,99458098
	90-93	PA854	•		42530032,93190286

Turbostar '07/84-'12/93

190.36 (265 kW) Eng.8210.42	87-90	PA847			98468832,99458099
	87-90	PA848	•		42530033
	87-90	PA853			98468830,99458098
	87-90	PA854	•		42530032,93190286
190.36 (277 kW) Eng.8210.42	90-93	PA847			98468832,99458099
	90-93	PA848	•		42530033
	90-93	PA853			98468830,99458098
	90-93	PA854	•		42530032,93190286

JEEP
CJ7 '01/82-'12/92

2.0TD Eng.J5R	82-92	PA527		w/RB	4864688,7701461336
2.1TD Eng.J8S	82-92	PA527		w/RB	4864688,7701461336

Cherokee I (XJ) '10/84-

2.1 TD (59-64 kW) Eng.J8S	84-92	PA527		w/RB	4864688,7701461336
2.5 TD (85-89 kW) Eng.VM425	88-	PA671	•	Impeller Ø 76mm	4864566
	88-	PA802	•	Impeller Ø 71mm	4864566

Grand Cherokee I (Z) '09/91-'04/99

2.5 TD (85 kW) Eng.M52/M51	95-99	PA671	•	Impeller Ø 76mm	4864566
	95-99	PA802	•	Impeller Ø 71mm	4864566

Grand Cherokee II (WJ,WG) '04/99-

2.7 CRD (120 kW)	01-	PA891			5086581AA,665.200.02.01
3.1 TD (103 kW)	4/99-	PA671	•	Impeller Ø 76mm	4864566
	4/99-	PA802	•	Impeller Ø 71mm	4864566

KIA
Carens II '07/02-

1.6 (77 kW)	02-	PA1007			0K30E-15-010,25100-2X200
2.0 (102 kW)	04-06	PA972			25100-23530

Carnival I '08/99-'10/01

2.9 TD (93 kW)	99-01	PA816			0K551-15-100B
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Carnival II '10/01-

3.5 (143 kW)	02-	PA1002		w/BH	25100-39800/2
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Cerato '04/04-

1.6 (77 kW)	04-	PA950	•		25100-26902
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PA437A



PA572



PA575



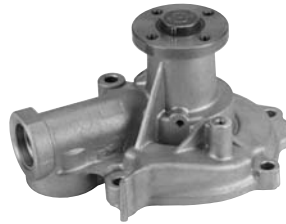
PA704



PA829



PA833



PA934



PA950



PA972



PA1002



PA1007



PA1015



PA1021



PA1023



PA1024

		GRAF ref.			NOTE	Ad. OE
2.0 (105 kW)	04-	PA972				25100-23530
2.0 D (83 kW)	04-	PA829		•		25100-27000
Magentis (GD) '05/01-						
2.0 (100 kW)	01-	PA934				25100-38002
Opirus '09/03-						
3.5 (149 kW)	03-	PA1002			w/BH	25100-39800/2
Picanto '04/04-						
1.0 (45 kW)	05-	PA1021				25100-02566
1.1 (48 kW) Eng.G4HG	04-	PA1021				25100-02566
Pride (DA) '01/90-						
1.1 i (38 kW) Eng.B1	91-	PA437A				0K930-15-010A
1.3 16v (44-47-53 kW) Eng.B3	1/90-	PA437A				0K930-15-010A
1.3 i (51 kW)	90-	PA437A				0K930-15-010A
Rio I, SW (DC) '08/00-						
1.5 (71-72 kW)	00-	PA1007				0K30E-15-010,25100-2X200
Rio II '03/05-						
1.4 16V (71 kW)	05-	PA950		•		25100-26902
1.5 CRDi (81 kW)	05-	PA1023		•		25100-2A000
1.6 16V (82 kW)	05-	PA950		•		25100-26902
Sephia, Timor (FA) '09/93-						
1.5 i 16v (59 kW) Eng.B5	96-97	PA437A				0K930-15-010A
1.6 i (59 kW) Eng.B6	93-	PA437A				0K930-15-010A
Sorento (JC) '08/02-						
3.5 V6 (143 kW)	02-	PA1002			w/BH	25100-39800/2
Sportage I (K00) '04/94-						
2.0 i 16v, 4WD (94 kW) Eng.FE(16V)	94-	PA1015		•		-
Sportage II '09/04-						
2.0 16v, 4WD (104 kW) Eng.G4GC	04-	PA972				25100-23530
2.0 CRDi 4WD (83 kW) Eng.D4EA	04-	PA829		•		25100-27000
2.7 V6 4WD (129 kW) Eng.G6BA	04-	PA1024		•		25100-37102,25100-37200/1

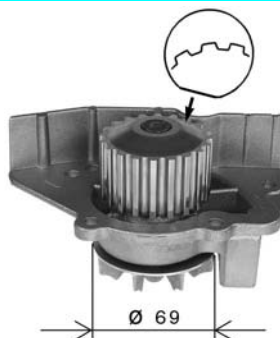
110 '01/95-						
1.5 (54-57 kW) Eng.VAZ-2111	95-	PA704		•		2108.1307010.10
1.5 16v (70 kW) Eng.VAZ-2112	95-	PA833		•		2112.1307010
2.0 i (110 kW) Eng.C20XE	95-	PA572		•		-
111 '01/95-						
1.5 (57 kW) Eng.VAZ-2111	95-	PA833		•		2112.1307010
1.5 16v (70 kW) Eng.VAZ-2112	95-	PA833		•		2112.1307010
112 '01/95-						
1.5 16v (70 kW) Eng.VAZ-2112	95-	PA833		•		2112.1307010
1200-1600 '01/70-'01/87						
1.2 L/S, SW (44 kW) Eng.BA32101	70-86	PA575	•			2101.1307010,4197598
1.3 (51 kW) Eng.BA32105	74-84	PA575	•			2101.1307010,4197598
1.3, SW (48 kW) Eng.BA321011	78-87	PA575	•			2101.1307010,4197598
1.5, N/S, SW (55 kW) Eng.BA32103	72-86	PA575	•			2101.1307010,4197598
1.6 N/L (57 kW) Eng.BA32106	79-86	PA575	•			2101.1307010,4197598
Niva (2121) '12/76-						
1.6 (54 kW) Eng.BA32121	87-95	PA575	•			2101.1307010,4197598
1.6 (56 kW) Eng.BA32121	76-87	PA575	•			2101.1307010,4197598
1.7 i (59 kW) Eng.BA321214	96-	PA575	•			2101.1307010,4197598



PA088



PA168



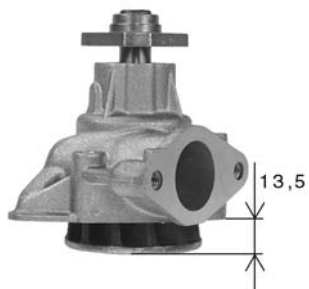
PA391



PA393



PA404



PA568



PA575



PA704

		GRAF ref.			NOTE	Ad. OE
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) '05/81-

1.2 Junior/L, SW (44 kW) Eng.BA32101	81-86	PA575	•			2101.1307010,4197598
1.3 Spezial/L (48 kW) Eng.BA32105	81-86	PA575	•			2101.1307010,4197598
1.5 S (52 kW)	89-	PA575	•			2101.1307010,4197598
1.5 Special, 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)

1.1 (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)	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

Toscana

1.3 (48 kW) Eng.BA32105	85-	PA575	•			2101.1307010,4197598
1.5 (55 kW) Eng.BA32103	83-93	PA575	•			2101.1307010,4197598

Ziguli

All models	72-	PA575	•			2101.1307010,4197598
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A 112 '03/78-'12/86

0.9 Junior (29 kW) Eng.A112A5.000/A112A.000/A112B2.000	71-86	PA088				4192732,4243679,4296890,4384129 5882694,5939200
0.95 LX (35 kW) Eng.A112B1.000	71-86	PA088				4192732,4243679,4296890,4384129 5882694,5939200
1.0 Abarth (51 kW) Eng.A112A2.000	71-86	PA088				4192732,4243679,4296890,4384129 5882694,5939200

Beta (828B) '08/73-'07/82

1.3 (61 kW) Eng.828	72-78	PA568				2287515,2306857,82287515,82306857
1.4 (66 kW) Eng.828A2.000	72-78	PA568				2287515,2306857,82287515,82306857
1.6 (74 kW) Eng.828B.000	72-78	PA568				2287515,2306857,82287515,82306857
1.8 (81 kW) Eng.828A1.000	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) '04/76-'12/84

1.3 (62 kW) Eng.828D3.000	74-85	PA568				2287515,2306857,82287515,82306857
1.6, Spider (74 kW) Eng.828B.000	74-85	PA568				2287515,2306857,82287515,82306857
2.0 VX (99 kW) Eng.828B7	82-85	PA168				4328136,5882688
2.0 i.e. (90 kW)	74-85	PA568				2287515,2306857,82287515,82306857
2.0, Spider (85-88 kW) Eng.828B1.000	74-85	PA568				2287515,2306857,82287515,82306857

Beta H.P.E. (828BF) '05/76-'09/84

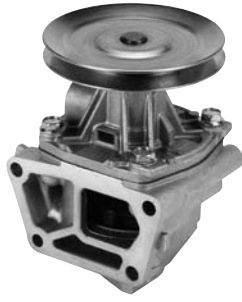
1.6 (74 kW) Eng.828B.000	75-85	PA568				2287515,2306857,82287515,82306857
2.0, ie (85-88-90 kW) Eng.828B1/B4.000	75-85	PA568				2287515,2306857,82287515,82306857
2.0 Volumex (99 kW) Eng.828B7	83-85	PA168				4328136,5882688

Beta Monte Carlo (137AS, 137BS) '07/80-'05/81

2.0 (88 kW) Eng.134AS.000	80-81	PA168				4328136,5882688
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PA365



PA394



PA397



PA398



PA496



PA497



PA552



PA554



PA598



PA599



PA601



PA620



PA621



PA629



PA667

		GRAF ref.			NOTE	Ad. OE
Dedra (835) '04/89-'07/99						
1.6 16v, SW (76 kW) Eng.182A4.000	96-7/99	PA620	•			46400058,46444355,71716878
	96-7/99	PA629				46400058,46444355
1.6 LE Kat, SW (66 kW) Eng.159B9.000	94-99	PA552	•		Eng. 9460855	46410549,46437912,46437916,71716893 7750698
	94-99	PA599	•		Eng. 9460854	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
1.6 i.e. (55 kW) Eng.835C1.000	93-99	PA398				71737972,7635148,7651586,7691047 7770038,7784979
	93-99	PA599	•		w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
1.6 i.e. (57 kW) Eng.835A1.046	89-93	PA398				71737972,7635148,7651586,7691047 7770038,7784979
	89-93	PA598	•			7635148,7651586,7691047,7770038 7784979
	89-93	PA599	•		w/PS	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
1.6 i.e. (66 kW) Eng.835A1.000	89-94	PA398				71737972,7635148,7651586,7691047 7770038,7784979
	89-94	PA598	•			7635148,7651586,7691047,7770038 7784979
	89-94	PA599	•		w/PS	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	94-6/94	PA552	•		w/Air	46410549,46437912,46437916,71716893 7750698
	94-6/94	PA601			w/Air	46410549,46437912,46437916,7750698
1.8 16v LE, SW (83 kW) Eng.182A2.000	95-7/99	PA621	•			60586222,60811328
1.8 GT 16v, SW (96 kW) Eng.183A1.000	96-99	PA621	•			60586222,60811328
1.8 i.e. (66 kW) Eng.835C5.000	93-99	PA397			Eng. 1308020	5894394,7635180,7694229
	93-99	PA497			Eng. 1308020	7701137,7783006
1.8 i.e. (77 kW) Eng.835A2.046	89-94	PA397				5894394,7635180,7694229
	89-94	PA497			A/T	7701137,7783006
1.8 i.e. (80 kW) Eng.835A2.000	89-94	PA397				5894394,7635180,7694229
	89-94	PA497			A/T	7701137,7783006
1.8 i.e., SW (74 kW) Eng.836A5.000	94-7/99	PA497				7701137,7783006
1.9 TDS, SW (66 kW) Eng.160D1.000/835A4.000/.046	89-94	PA365			w/Air	5896818,5896819,7629033,7631379 7693570,7696226
	94-7/99	PA667				46435858,7710471
2.0 16v, SW, Integrale (102 kW) Eng.836A3.000	94-7/99	PA496				60809209,71737965,7708187,7747388
2.0 HF Integrale (124 kW) Eng.835A7.046	90-94	PA497				7701137,7783006
2.0 T. (130 kW) Eng.835A8.000	90-94	PA497				7701137,7783006
2.0 i.e. (83 kW) Eng.835A5.046	89-99	PA397				5894394,7635180,7694229
	89-99	PA497			A/T	7701137,7783006
2.0 i.e. (86 kW) Eng.835A5.000	89-92	PA397				5894394,7635180,7694229
	89-92	PA497			A/T	7701137,7783006
2.0 i.e. T. (119 kW) Eng.835A8.046	91-99	PA497				7701137,7783006
2.0 i.e. T. Integrale (121 kW) Eng.835A7.000	90-94	PA497				7701137,7783006
Delta I (831AB0) '09/79-'01/94						
1.1 (47 kW) Eng.831B8.000	86-90	PA394				5936404,5960469,5992593,7580753 7580756
	86-90	PA554	•			5936404,5960469,5992593,7580753 7580756
1.3 (55 kW) Eng.831B.000/831A2.000	79-85	PA394				5936404,5960469,5992593,7580753 7580756
	79-85	PA554	•			5936404,5960469,5992593,7580753 7580756
1.3 (58 kW)	83-85	PA394				5936404,5960469,5992593,7580753 7580756
	83-85	PA554	•			5936404,5960469,5992593,7580753 7580756
1.5 (63 kW) Eng.831B1.000/831A1.000	79-85	PA394				5936404,5960469,5992593,7580753 7580756
	79-85	PA554	•			5936404,5960469,5992593,7580753 7580756

PA041	PA285	PA341A	PA399
PA418	PA496	PA497	PA552
PA585	PA599	PA601	PA615
PA616	PA620	PA621	PA629
PA667	PA672	PA673	KIT291

		GRAF ref.			NOTE	Ad. OE
1.5 (63 kW) Eng.831B1.000/831A1.000	86-92	PA285				5996594,7565764,7580754,7691043 7719921
	86-92	PA585	•			5996594,7565764,7580754,7691043 7719921
1.6 GT (77 kW) Eng.831A4.000	82-86	PA418				4458134,7574887
1.6 GT i.e. (66 kW) Eng.149C2.000	87-92	PA418				4458134,7574887
1.6 GT i.e. (80 kW) Eng.831B7.000	86-88	PA418				4458134,7574887
1.6 HF T. (96 kW) Eng.831A7.000	83-86	PA418				4458134,7574887
1.6 HF T. (97 kW) Eng.831B7.046	87-89	PA418				4458134,7574887
1.6 HF T. (103 kW) Eng.831B3.000	86-88	PA418				4458134,7574887
1.9 TDS (59 kW) Eng.831D1.000	86-89	PA341A			+KIT291, w/PS	7566185,7589778,7658591
	86-89	KIT291			w/PS	

Delta II (836) '06/93-'08/99





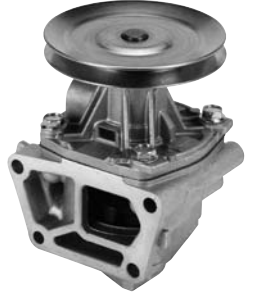

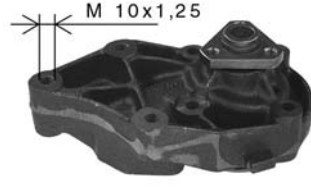






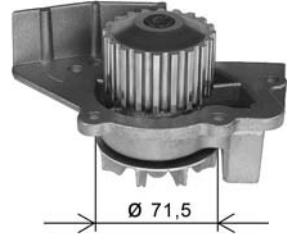



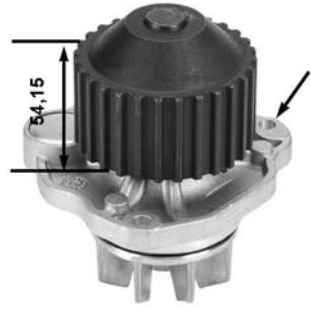


1.4 i.e. (51 kW) Eng.160A1.046/836A4.000	94-3/95	PA599	•		Eng. -09462899, w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	4/95-8/99	PA552	•		Eng. 09462900-, w/PS, w/Air	46410549,46437912,46437916,71716893 7750698
	4/95-8/99	PA601			Eng. 09462900-, w/PS, w/Air	46410549,46437912,46437916,7750698
1.6 i.e. (55 kW) Eng.835C1.000	93-3/95	PA599	•		Eng. -09462899, w/PS, w/Air	71719666,71737974,7671811,7720987 7737200,7770034,7784977,7784988
	4/95-8/99	PA552	•		Eng. 09462900-, w/PS, w/Air	46410549,46437912,46437916,71716893 7750698
	4/95-8/99	PA601			Eng. 09462900-, w/PS, w/Air	46410549,46437912,46437916,7750698
1.6 i.e. (66 kW) Eng.182A6.000	96-99	PA620	•			46400058,46444355,71716878
	96-99	PA629				46400058,46444355
1.6 i.e. 16v (76 kW) Eng.182A4.000	96-99	PA620	•			46400058,46444355,71716878
	96-99	PA629				46400058,46444355
1.8 i.e. (66 kW) Eng.835C4.000/836A6.000/836C4.000	94-99	PA497				7701137,7783006
1.8 i.e. (76 kW) Eng.835C2.000	93-99	PA497				7701137,7783006
1.8 i.e. 16v (83 kW) Eng.182A2.000	96-99	PA621	•			60586222,60811328
1.8 i.e. 16v GT (96 kW) Eng.183A1.000	96-99	PA621	•			60586222,60811328
1.9 TD (66 kW) Eng.835A4.000/160D1.000	94-99	PA667				46435858,7710471
2.0 16v (102 kW) Eng.836A3.000	93-99	PA496				60809209,71737965,7708187,7747388
2.0 16v T. (137 kW) Eng.836A2.000	93-99	PA496				60809209,71737965,7708187,7747388
2.0 16v T. (142 kW) Eng.175A4.000	96-99	PA496				60809209,71737965,7708187,7747388

Fulvia, Coupé '09/68-'07/75

1.1 Eng.818	63-76	PA041				81107111,81109192,81191442
1.3 S (65 kW)	63-75	PA041				81107111,81109192,81191442
1.6 Rallye-HF Eng.818	63-76	PA041				81107111,81109192,81191442

Kappa (838A,B), SW '08/94-'10/01

2.0 16v T., Coupe (151 kW) Eng.838A4.000	95-01	PA399				7609204,7661811,7695559,7747386
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.838A2.027/.000	94-01	PA616	•			7762926
2.4 JTD (100 kW) Eng.838A8.000	98-01	PA672	•			46515970,46515972,60814609
2.4 T.DS (91 kW) Eng.838A3.000/838A7.000	94-8/97	PA615	•		Eng. -0727390	7762925
	9/97-10/01	PA672	•		Eng. 0727391-	46515970,46515972,60814609
3.0 24v, Coupe (150 kW) Eng.838B.000	94-01	PA673				55192898,55198357,60604181,60630271 60668487,60813207

			
PA285	PA293	PA298	PA341A
			
PA394	PA399	PA418	PA554
			
PA585	PA616	PA621	PA629
			
PA672	PA747	PA861	PA862
			
PA866	PA886	PA887	KIT291

		GRAF ref.			NOTE	Ad. OE
Lybra (839AX,BX), SW '07/99-						
1.6 16v (76 kW) Eng.182A4.000/182B6.000	99-	PA629				46400058,46444355
1.8 16v (96 kW) Eng.839A4/839A9/839A7	99-	PA621	•			60586222,60811328
1.9 JTD (77 kW) Eng.AR32302	99-00	PA672	•			46515970,46515972,60814609
1.9 JTD (81 kW) Eng.AR37101	00-01	PA672	•			46515970,46515972,60814609
1.9 JTD (85 kW) Eng.937A2.000	01-	PA672	•			46515970,46515972,60814609
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 Eng.192A2.000	99-	PA616	•			7762926
2.4 JTD (99 kW) Eng.AR32501/839A5.000	99-00	PA672	•			46515970,46515972,60814609
2.4 JTD (103 kW) Eng.839A6.000	00-	PA672	•			46515970,46515972,60814609
2.4 JTD (110 kW) Eng.841C.000	02-	PA672	•			46515970,46515972,60814609
Musa '10/04-						
1.3 Multijet (51 kW) Eng.188A9.000	04-	PA887				46819138,71745026
1.4 (57 kW) Eng.350A1.000	05-	PA866	•			46520401,55184081
1.4 16v (70 kW) Eng.843A1.000	04-	PA866	•			46520401,55184081
1.4 16v AUSTRIA (66 kW) Eng.192B2.000	04-	PA866	•			46520401,55184081
1.9 Multijet (74 kW) Eng.188B2.000	04-	PA672	•			46515970,46515972,60814609
Phedra (179) '09/02-						
2.0 (100 kW) Eng.RFN(EW10J4)	02-	PA862	•	•		9640601280,9654531880
2.0 JTD (79 kW) Eng.RHM(DW10ATED4-FAP)	03-	PA747	•			9569147388
2.0 JTD (80 kW) Eng.RHW(DW10ATED4)	02-	PA747	•			9569147388
2.0 MJT 16v (88 kW) Eng.RHK	06-	PA861	•			9463623088
2.2 JTD (94 kW) Eng.4HW(DW12ATED4)	02-	PA861	•			9463623088
3.0 V6 (150 kW) Eng.ES9J4S	02-	PA886	•			9641117180
Prisma (831AB0) '12/82-'02/92						
1.3 (58 kW) Eng.831	83-85	PA394				5936404,5960469,5992593,7580753 7580756
	83-85	PA554	•			5936404,5960469,5992593,7580753 7580756
1.5 (55 kW) Eng.831B1.048/138C2.048	86-92	PA285				5996594,7565764,7580754,7691043 7719921
	86-92	PA585	•			5996594,7565764,7580754,7691043 7719921
	9/85-12/85	PA394				5936404,5960469,5992593,7580753 7580756
	9/85-12/85	PA554	•			5936404,5960469,5992593,7580753 7580756
1.5 (59 kW) Eng.831B1.000	86-92	PA285				5996594,7565764,7580754,7691043 7719921
	86-92	PA585	•			5996594,7565764,7580754,7691043 7719921
1.6 (73 kW) Eng.831B6.000	86-92	PA418				4458134,7574887
1.6 (77 kW) Eng.831A4.000	82-86	PA418				4458134,7574887
1.6 i.e. (80 kW) Eng.831B7.000	86-89	PA418				4458134,7574887
1.9 TD (59 kW) Eng.831D1.000	85-89	PA341A			+KIT291, w/PS	7566185,7589778,7658591
	85-89	KIT291			w/PS	
Thema (834) '11/84-'04/97						
2.0 16v T., SW (133 kW) Eng.834C1.000	88-90	PA399				7609204,7661811,7695559,7747386
2.0 16v T., SW (148 kW) Eng.834F2.000	92-94	PA399				7609204,7661811,7695559,7747386
2.0 16v, SW (112 kW) Eng.834F1.000	92-94	PA399				7609204,7661811,7695559,7747386
2.0 T. 16v, SW (110 kW) Eng.834C.146	86-92	PA399				7609204,7661811,7695559,7747386
2.0 i.e. (86 kW) Eng.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. (88 kW) Eng.834B.000	12/85-88	PA298				5999790,7661813,7695557,7783009
	84-11/85	PA293				5973319

<p>PA159</p>	<p>PA168</p>	<p>PA286A</p>	<p>PA294</p>
<p>PA298</p>	<p>PA399</p>	<p>PA452</p>	<p>PA503</p>
<p>PA559</p>	<p>PA568</p>	<p>PA614</p>	<p>PA616</p>
<p>PA672</p>	<p>PA673</p>	<p>PA690</p>	<p>PA693</p>
<p>PA739</p>	<p>PA866</p>	<p>PA887</p>	<p>PA901</p>

		GRAF ref.			NOTE	Ad. OE
2.0 i.e. 16v T., SW (130 kW) Eng.834C1.246	89-92	PA399				7609204,7661811,7695559,7747386
2.0 i.e. 16v, SW (104 kW) Eng.834B2.246	89-92	PA399				7609204,7661811,7695559,7747386
2.0 i.e. 16v, SW (108 kW) Eng.834B2.000	88-92	PA399				7609204,7661811,7695559,7747386
2.0 i.e. T. (122 kW) Eng.834C.000	84-94	PA298				5999790,7661813,7695557,7783009
2.5 TDS, SW (74 kW) Eng.8144.91	84-90	PA294				4822231,4829216,7302554
2.5 TDS, SW (77 kW) Eng.8144.97S	88-92	PA452			Eng. 1340163-	98430541
2.5 TDS, SW (85 kW) Eng.8144.97/Y	11/92-97	PA503				98435125
	88-10/91	PA294			Eng. -1340162	4822231,4829216,7302554

Thesis (841AX) '07/02-

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
2.4 JTD (129 kW) Eng.841G.000	03-	PA901		•		46804051
3.0 V6 (158 kW) Eng.841A.000	02-	PA673				55192898,55198357,60604181,60630271 60668487,60813207

Trevi (828DB) '05/80-'01/87

1.6 (74 kW) Eng.828B.000	80-87	PA568				2287515,2306857,82287515,82306857
2.0 Volumex (99 kW) Eng.828B7.000	83-85	PA168				4328136,5882688
2.0 i.e. (90 kW) Eng.828B4.000	80-87	PA568				2287515,2306857,82287515,82306857

Y (840A) '11/95-'10/03

1.1 (40 kW) Eng.176B2.000	95-3/99	PA286A		•		46423351,5973713,71713727,7640163 7691820,7715242
	99-00	PA739		•	Eng. 9042883-	46526243,46805736,55184080
1.2 (44 kW) Eng.188A4.000/840A3.000	96-3/99	PA286A		•		46423351,5973713,71713727,7640163 7691820,7715242
	99-10/03	PA739		•	Eng. 9042883-	46526243,46805736,55184080
1.2 16v (59 kW) Eng.188A5.000	00-03	PA866		•		46520401,55184081
1.2 16v (63 kW) Eng.176B9.000	4/99-10/03	PA866		•		46520401,55184081
	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) '03/85-'12/95

1.0 Fire (33 kW) Eng.156A2.000	85-89	PA286A		•		46423351,5973713,71713727,7640163 7691820,7715242
1.0 Fire (41 kW)	85-89	PA159				-
	85-89	PA559			w/RB	4336009,5882691,5890406
1.0 Fire, 4WD (32 kW) Eng.156A2.100	85-91	PA286A		•		46423351,5973713,71713727,7640163 7691820,7715242
1.0 Fire, 4WD (33 kW) Eng.156A2.246	87-95	PA286A		•		46423351,5973713,71713727,7640163 7691820,7715242
1.0 Fire, 4WD (37 kW)	85-95	PA286A		•		46423351,5973713,71713727,7640163 7691820,7715242
1.0 T. (62 kW) Eng.156A1.000	85-89	PA159				-
	85-89	PA559			w/RB	4336009,5882691,5890406
1.1 Avenue, 4WD (40 kW) Eng.176B2.000	1/95-12/95	PA286A		•		46423351,5973713,71713727,7640163 7691820,7715242
1.1 i.e., 4WD (42 kW) Eng.156C.000	89-92	PA286A		•		46423351,5973713,71713727,7640163 7691820,7715242
1.1 i.e. Fire, 4WD (37 kW) Eng.156C.046	89-95	PA286A		•		46423351,5973713,71713727,7640163 7691820,7715242
1.3 i.e. Fire (41 kW)	87-95	PA159				-
	87-95	PA559			w/RB	4336009,5882691,5890406
1.3 i.e. Fire (53-56 kW) Eng.156B.000/146A5.046	87-95	PA159				-
	87-95	PA559			w/RB	4336009,5882691,5890406

Ypsilon '10/03-

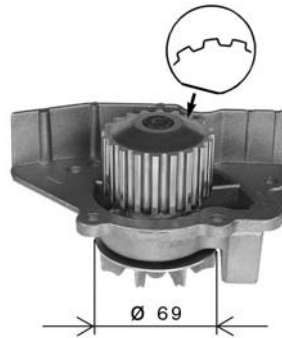
1.2 (44 kW) Eng.188A4.000	03-	PA739		•		46526243,46805736,55184080
1.2 16v (59 kW) Eng.188A5.000	03-	PA866		•		46520401,55184081
1.3 JTD (51 kW) Eng.188A9.000	03-	PA887				46819138,71745026



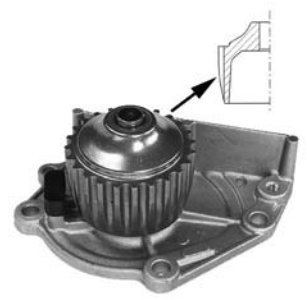
PA208



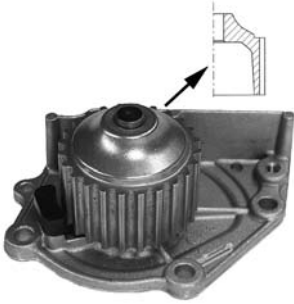
PA268



PA391



PA426



PA427



PA437A



PA542



PA562



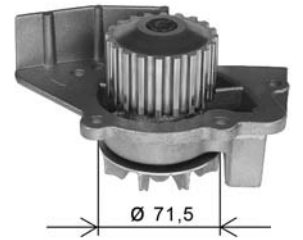
PA565



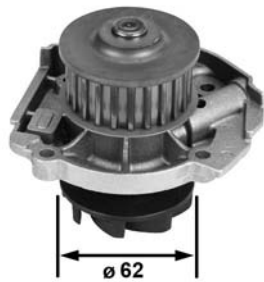
PA641



PA650



PA747



PA866



PA883



PA884



PA887



PA987



PA1001

		GRAF ref.			NOTE	Ad. OE
1.3 MJT (55 kW) Eng.199A2.000	06-	PA887				46819138,71745026
1.3 MJT (66 kW) Eng.199A3.000	06-	PA887				46819138,71745026
1.4 (57 kW) Eng.843A1000	06-	PA866		•		46520401,55184081
1.4 16v (70 kW) Eng.843A1.000	03-	PA866		•		46520401,55184081

Zeta (220) '05/95-'09/02

2.0 16v (97 kW) Eng.RFV	98-9/00	PA641		•		9566950080
2.0 16v (100 kW) Eng.RFN	00-02	PA391		•		9565095580,9566945680,9566945688 9567521488
2.0 JTD, 16v (80 kW) Eng.RHZ/RHW	99-02	PA747		•		9569147388
2.0 T. (108 kW) Eng.RGX	96-02	PA391		•		9565095580,9566945680,9566945688 9567521488
2.1 TD (80 kW) Eng.P8C	96-99	PA542	•	•		9604708880,9629110980

LAND ROVER
Defender (LD) 110 '09/90-

2.5 TDI, SW (83 kW) Eng.23L	10/95-98	PA650				ERR3290,STC1086
2.5 Td5 4WD, SW, Pick-up (90 kW)	98-	PA987				ERR6505,PEM500040

Defender (LD) 130 '09/90-

2.5 TDI, SW (83 kW) Eng.23L	10/95-98	PA650				ERR3290,STC1086
2.5 Td5 4WD, SW, Pick-up (90 kW)	98-	PA987				ERR6505,PEM500040

Defender (LD) 90 '09/90-

2.5 TDI, SW (83 kW) Eng.23L	10/95-98	PA650				ERR3290,STC1086
2.5 Td5 4WD, SW, Pick-up (90 kW)	98-	PA987				ERR6505,PEM500040

Discovery I '09/89-'06/94

2.5 TDI (83 kW) Eng.21L	89-94	PA565				RTC6395
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Discovery II (LJ, LT) '06/94-

2.5 Td5 (102 kW)	99-04	PA987				ERR6505,PEM500040
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Freelander I (LN) '02/98-

1.8 16v (86 kW)	00-	PA427		•		GWP333,PEB10051,PEB102510L
1.8 i 16v, Soft Top (88 kW)	98-00	PA426		•		GWP336
2.0 DI, Soft Top (72 kW)	98-00	PA562				PEB102420
2.0 Td4 (80-82 kW)	00-	PA883				PEB102440/L
2.5 V6 (130 kW)	00-	PA884		•		PEB102240

Range Rover I '07/70-'07/94

2.4 D (78 kW) Eng.11A	86-90	PA268				GWP320
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Range Rover II (LP) '07/94-'03/02

2.5 D (83 kW) Eng.14L	-12/94	PA565				RTC6395
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LEXUS
IS II '10/05-

220 D (130 kW)	05-	PA1001		•		16100-09340
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MAZDA
1000 '01/75-'01/77

1.0 (33 kW) Eng.PC	75-77	PA208				0324-15-010/C/D
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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 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 B630-15-010/A,KKY01-15-010



PA208



PA437A



PA551



PA612



PA639



PA640



n° 21 Denti/Teeth

PA859



PA903



PA921



n° 19 Denti/Teeth

PA938



PA962

		GRAF ref.			NOTE	Ad. OE
121 II (DB) '11/90-'03/96						
1.3 16v (39 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 B630-15-010/A,KKY01-15-010
1.3 16v (53 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 B630-15-010/A,KKY01-15-010
121 III (JASM, JBSM) '03/96-						
1.25 (55 kW) Eng.DHF/DHG	1/96-	PA612				1E05-15-010,1E06-15-010
1.3 (37-44 kW)	1/96-	PA639				1E04-15-010
1.8 D (44 kW) Eng.RTJ/RTK	1/96-	PA640		•		1E0-15-010
2 (DY) '04/03-						
1.25 (55 kW) Eng.FUJA	03-	PA612				1E05-15-010,1E06-15-010
1.4 (59 kW) Eng.FXJA	03-	PA612				1E05-15-010,1E06-15-010
1.4TD (50 kW) Eng.F6JA	03-	PA859		•		Y401-15-010
1.6 (74 kW) Eng.FYJA	03-	PA612				1E05-15-010,1E06-15-010
3 (BK) '10/03-						
1.4 (59 kW)	04-	PA962				ZJ01-15-010A/B
1.4 (62 kW)	03-	PA962				ZJ01-15-010A/B
1.6 (77 kW)	03-	PA962				ZJ01-15-010A/B
1.6 DI T. (80 kW) Eng.Y601	6/04-	PA938		•		Y601-15-010A
2.0 (110 kW)	03-	PA903				L327-15-100A,LF01-15-100/A,LF94-15-100
323 I (FA), SW '01/77-'05/86						
1.0 (Exc. SW) (33 kW) Eng.P/PC	77-80	PA208				0324-15-010/C/D
1.3 (44 kW) Eng.TC/T	77-86	PA208				0324-15-010/C/D
1.4 (51 kW) Eng.UC/U	78-82	PA208				0324-15-010/C/D
323 II (BD) '09/80-'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 (65 kW) Eng.E5	82-86	PA551				8AB1-15-010,E301-15-010A
1.5 (55-59 kW) Eng.E5OHC/E5	80-85	PA551				8AB1-15-010,E301-15-010A
323 III (BF) '08/85-'10/95						
1.1 (40 kW) Eng.E1	85-90	PA551				8AB1-15-010,E301-15-010A
1.3, SW (44 kW) Eng.E3	85-90	PA551				8AB1-15-010,E301-15-010A
1.5 i (70 kW)	85-89	PA551				8AB1-15-010,E301-15-010A
1.5, SW (54 kW) Eng.B5	87-89	PA551				8AB1-15-010,E301-15-010A
1.5, SW (55 kW) Eng.E5	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 B630-15-010/A,KKY01-15-010
1.6 GT (63-77 kW) Eng.B6	85-89	PA437A				8AB3-15-010/A,8AB4-15-010/A 8AB7-15-010/A,8AD2-15-010A,B3C7-15-010 B630-15-010/A,KKY01-15-010
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 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 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	86-93	PA921				8AB6-15-010A,8AB9-15-010A
323 IV (BG) '06/89-'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 B630-15-010/A,KKY01-15-010



PA437A



PA439



PA903



PA917



PA921



PA931



PA933



PA973

		GRAF ref.			NOTE	Ad. OE
1.3 16v (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 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 B630-15-010/A,KKY01-15-010
1.6 16v (65 kW) Eng.B6	89-94	PA437A				8AB3-15-010/A,8AB4-15-010/A 8AB7-15-010/A,8AD2-15-010A,B3C7-15-010 B630-15-010/A,KKY01-15-010
1.7 D (41 kW) Eng.PN62/PN46	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 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 B630-15-010/A,KKY01-15-010

323 V (BA) '08/94-'09/98

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 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 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

323 VI (BJ) '09/98-

1.4 (53 kW) Eng.B3	01-	PA437A				8AB3-15-010/A,8AB4-15-010/A 8AB7-15-010/A,8AD2-15-010A,B3C7-15-010 B630-15-010/A,KKY01-15-010
1.4 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 B630-15-010/A,KKY01-15-010
1.5 16v (65 kW) Eng.ZLDE	98-	PA931				8ABB-15-010/A,B6BF-15-010F B6BFE-15-010A/B,ZL01-15-010
1.6 (70-72 kW)	01-	PA931				8ABB-15-010/A,B6BF-15-010F B6BFE-15-010A/B,ZL01-15-010
2.0 (96 kW) Eng.FS7G,FS7E	01-	PA933				8AG9-15-010,FS01-15-010F
2.0 TD (66 kW)	98-	PA973	•	•		RF2A-15-100A/B/C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A

5 (CR19) '03/05-

1.8 16v (85 kW)	05-	PA903				L327-15-100A,LF01-15-100/A,LF94-15-100
2.0 16v (107 kW)	05-	PA903				L327-15-100A,LF01-15-100/A,LF94-15-100
2.0 CD (81 kW)	05-	PA973	•	•		RF2A-15-100A/B/C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A
2.0 CD (105 kW)	05-	PA973	•	•		RF2A-15-100A/B/C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A
2.0 D (107 kW)	05-	PA903				L327-15-100A,LF01-15-100/A,LF94-15-100

6 (GG,GY), SW '06/02-

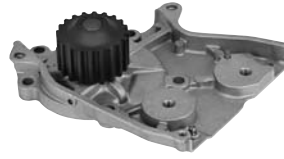
1.8 (88 kW)	02-	PA903				L327-15-100A,LF01-15-100/A,LF94-15-100
2.0 (104 kW)	02-	PA903				L327-15-100A,LF01-15-100/A,LF94-15-100
2.0 (Exc. SW) (108 kW)	05-	PA903				L327-15-100A,LF01-15-100/A,LF94-15-100
2.0 DI (89 kW) Eng.RF5C	02-	PA973	•	•		RF2A-15-100A/B/C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A
2.0 DI (100 kW)	02-	PA973	•	•		RF2A-15-100A/B/C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A
2.0 DI (Exc. SW) (105 kW) Eng.RF7J	05-	PA973	•	•		RF2A-15-100A/B/C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A
2.3 (122 kW) Eng.L3C1	02-	PA903				L327-15-100A,LF01-15-100/A,LF94-15-100
2.3 AWD SW (119 kW)	02-	PA903				L327-15-100A,LF01-15-100/A,LF94-15-100
2.3 MPS (191 kW)	05-	PA903				L327-15-100A,LF01-15-100/A,LF94-15-100



PA208



PA437A



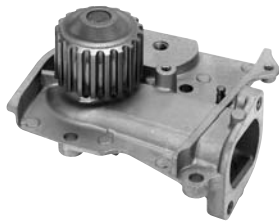
PA783



PA786



PA790



PA800



PA903



PA917



PA928



PA933



PA973



PA1015

		GRAF ref.			NOTE	Ad. OE
626 II (GC) '11/82-'09/87						
1.6 (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 (68-74 kW) Eng.FE	82-87	PA800		•		8AG1-15-010B
2.0 D (46 kW) Eng.RF46	83-87	PA786	•	•		RF01-99-154,RF03-15-010B
626 III (GD,GV), SW '06/87-'09/97						
1.6, Coupe (60 kW) Eng.F6	87-92	PA783		•		8AH2-15-010B,8AK1-15-010,FEMJ-15-100
1.8 H-Back (69 kW)	87-92	PA783		•		8AH2-15-010B,8AK1-15-010,FEMJ-15-100
1.8, Coupe (65 kW) Eng.F8	87-92	PA783		•		8AH2-15-010B,8AK1-15-010,FEMJ-15-100
2.0 12v, Coupe (79 kW) Eng.FE(12V)	87-92	PA783		•		8AH2-15-010B,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 kW) Eng.RF-N	87-91	PA928	•	•		8AG4-15-010A,8AGA-15-010
2.0, Coupe (66 kW) Eng.FEKat.	87-97	PA783		•		8AH2-15-010B,8AK1-15-010,FEMJ-15-100
2.2 12v, Coupe, 4WD (85 kW) Eng.F2	87-4/92	PA783		•		8AH2-15-010B,8AK1-15-010,FEMJ-15-100
626 IV (GE), Cronos '01/92-'04/97						
2.0 D GLX Complex (55 kW) Eng.RFOHC	92-97	PA928	•	•		8AG4-15-010A,8AGA-15-010
2.0 i, 4WD (85 kW) Eng.FS	92-97	PA933				8AG9-15-010,FS01-15-010F
2.5 24v H-Back (120-121 kW) Eng.KL	92-97	PA917			Ch 0130030-	8AK2-15-010,KL47-15-010C
626 V (GF,GW), SW '05/97-						
2.0 (85 kW) Eng.FS	99-	PA933				8AG9-15-010,FS01-15-010F
2.0 DITD (Exc. SW) (66 kW) Eng.RF3F	98-	PA973	•	•		RF2A-15-100A/B/C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A
2.0 TD (81 kW)	00-	PA973	•	•		RF2A-15-100A/B/C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A
2.0 TDI (74 kW)	98-	PA973	•	•		RF2A-15-100A/B/C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A
818 SW '01/74-'10/78						
1.3 (44 kW) Eng.TC	74-78	PA208				0324-15-010/C/D
929 II (HB), Coupe '05/82-'12/87						
2.0 (74 kW) Eng.FE	3/85-87	PA800		•		8AG1-15-010B
	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
929 III (HC) '05/87-'06/91						
2.0 (85 kW) Eng.FE	87-88	PA783		•		8AH2-15-010B,8AK1-15-010,FEMJ-15-100
2.2 12v (85 kW) Eng.F2E/F21/F2	88-89	PA783		•		8AH2-15-010B,8AK1-15-010,FEMJ-15-100
2.2 12v (94 kW) Eng.F2-C	89-7/89	PA783		•		8AH2-15-010B,8AK1-15-010,FEMJ-15-100
2.2 i (100 kW) Eng.F2-EGI	87-88	PA783		•		8AH2-15-010B,8AK1-15-010,FEMJ-15-100
Demio (DW) '08/98-						
1.3 16v (46 kW)	98-	PA437A				8AB3-15-010/A,8AB4-15-010/A 8AB7-15-010/A,8AD2-15-010A,B3C7-15-010 B630-15-010/A,KKY01-15-010
1.3 16v (53 kW) Eng.B3	98-00	PA437A				8AB3-15-010/A,8AB4-15-010/A 8AB7-15-010/A,8AD2-15-010A,B3C7-15-010 B630-15-010/A,KKY01-15-010
1.5 16v (55 kW) Eng.B5E	00-	PA437A				8AB3-15-010/A,8AB4-15-010/A 8AB7-15-010/A,8AD2-15-010A,B3C7-15-010 B630-15-010/A,KKY01-15-010
MPV II (LW) '09/99-						
2.0 (88-90 kW) Eng.FS-DS	99-02	PA933				8AG9-15-010,FS01-15-010F
2.0 DI (100 kW)	02-	PA973	•	•		RF2A-15-100A/B/C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A
2.3 (104 kW)	02-	PA903				L327-15-100A,LF01-15-100/A,LF94-15-100



PA437A



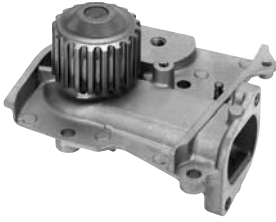
PA439



PA741



PA783



PA800



PA903



PA917



PA931



PA933



PA973

		GRAF ref.			NOTE	Ad. OE
MX-3 (EC) '07/91-						
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 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
MX-5 I (NA) '05/90-'04/98						
1.6 (66 kW)	95-98	PA439				8AB8-15-010
1.6 (85 kW) Eng.B64F	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) '05/98-						
1.6 16v (81 kW) Eng.B6Z	98-	PA931				8ABB-15-010/A,B6BF-15-010F B6BFE-15-010A/B,ZL01-15-010
MX-5 III (NC) '03/05-						
1.8 (93 kW)	05-	PA903				L327-15-100A,LF01-15-100A,LF94-15-100
2.0 (118 kW)	05-	PA903				L327-15-100A,LF01-15-100A,LF94-15-100
MX-6 (GE6) '02/92-'12/97						
2.0 (85 kW) Eng.FS	92-97	PA933				8AG9-15-010,FS01-15-010F
2.5 i 24v (120-121 kW) Eng.KL	92-97	PA917			Ch 0102488-	8AK2-15-010,KL47-15-010C
Premacy (CP) '07/99-						
2.0 (96 kW) Eng.FS7G,FS7E	01-	PA933				8AG9-15-010,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
2.0 TD (74 kW) Eng.RF4F	00-	PA973	•	•		RF2A-15-100A/B/C,RF5C-15-010A RF5G-15-010B,RF7J-15-010A
RX 7 III (FD) '07/92-						
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 B630-15-010/A,KKY01-15-010
Tribute (EP) '03/00-						
2.0, 4WD (91 kW)	3/00-	PA741				YF09-15-100
2.3 AWD (110 kW)	04-	PA903				L327-15-100A,LF01-15-100A,LF94-15-100
Xedos 6 (CA) '01/92-						
2.0 V6 (103-106 kW) Eng.KF1	92-94	PA917			Ch 0114351-	8AK2-15-010,KL47-15-010C
Xedos 9 (TA) '07/93-						
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

B-Serie III (UF) '01/85-'06/99						
1.6 (55 kW)	11/89-3/96	PA800		•		8AG1-15-010B
2.0 (62-65 kW)	11/89-3/96	PA800		•		8AG1-15-010B
2.2 (68 kW) Eng.F2L8	91-96	PA783		•		8AH2-15-010B,8AK1-15-010,FEMJ-15-100
E 2000,2200 (SR1,2) '05/84-						
2.0 (60 kW) Eng.FE60/FE61	91-5/94	PA783		•		8AH2-15-010B,8AK1-15-010,FEMJ-15-100
2.0 (63 kW) Eng.FE18/FE58	12/87-89	PA783		•		8AH2-15-010B,8AK1-15-010,FEMJ-15-100
	3/85-9/87	PA800		•		8AG1-15-010B
2.0 4WD (60 kW) Eng.FEBN	88-89	PA783		•		8AH2-15-010B,8AK1-15-010,FEMJ-15-100

			
PA105	PA133	PA134	PA135
			
PA173			

		GRAF ref.		NOTE	Ad. OE
114 (W114) '01/68-'11/76					
230.6 (114.015) (88 kW) Eng.M180.954	68-76	PA133		M/T+A/T, Eng. -003563	115 200 01 20,115 200 12 20 121 200 11 20,127 200 02 20
	68-76	PA105		w/RB, M/T+A/T, Eng. 003564-	110 200 01 20,110 200 09 20 110 200 17 20
	68-76	PA134		M/T+A/T, Eng. 003564-	115 200 15 20
250 (114.010) (85-96 kW) Eng.M114.920	68-72	PA133		M/T+A/T, Eng. -006185	115 200 01 20,115 200 12 20 121 200 11 20,127 200 02 20
	68-72	PA105		w/RB, M/T+A/T, Eng. 006186-	110 200 01 20,110 200 09 20 110 200 17 20
	68-72	PA134		M/T+A/T, Eng. 006186-	115 200 15 20
250 C (114.011) (96 kW) Eng.M114.920	69-72	PA133		M/T+A/T, Eng. -006185	115 200 01 20,115 200 12 20 121 200 11 20,127 200 02 20
	69-72	PA105		w/RB, M/T+A/T, Eng. 006186-	110 200 01 20,110 200 09 20 110 200 17 20
	69-72	PA134		M/T+A/T, Eng. 006186-	115 200 15 20
280 (114.060) (118 kW) Eng.M110.921	72-76	PA105		w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	72-76	PA134			115 200 15 20
280 E (114.062) (136 kW) Eng.M110.981	72-76	PA105		w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	72-76	PA134			115 200 15 20
114 Coupe (W114) '04/69-'02/77					
250 C (114.021) (96 kW) Eng.M114.920	69-72	PA133		M/T+A/T, Eng. -006185	115 200 01 20,115 200 12 20 121 200 11 20,127 200 02 20
	69-72	PA105		w/RB, M/T+A/T, Eng. 006186-	110 200 01 20,110 200 09 20 110 200 17 20
	69-72	PA134		M/T+A/T, Eng. 006186-	115 200 15 20
250 CE (114.022) (110 kW) Eng.M114.980	69-72	PA135			110 200 02 20,110 200 10 20
250, C 2.8 (114.023) (96 kW) Eng.M130.923	72-76	PA105		w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	72-76	PA134			115 200 15 20
280 C (114.073) (118 kW) Eng.M110.921	72-77	PA105		w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	72-77	PA134			115 200 15 20
280 CE (114.072) (136 kW) Eng.M110.981	72-77	PA105		w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	72-77	PA134			115 200 15 20
115 (W115) '01/68-'01/77					
200 (115.015) (63-70 kW) Eng.M115.926,923	68-77	PA135			110 200 02 20,110 200 10 20
200 D (115.115/.112) (40 kW) Eng.OM615.913	68-77	PA105		w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	68-77	PA134			115 200 15 20
220 (115.010) (77 kW) Eng.M115.920	68-73	PA105		w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	68-73	PA134			115 200 15 20
220 D (115.110) (44 kW) Eng.OM615.912	68-77	PA105		w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	68-77	PA134			115 200 15 20
230.4 (115.017) (81 kW) Eng.M115.951	73-76	PA105		w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	73-76	PA134			115 200 15 20
240 D (115.117/.119) (48 kW) Eng.OM616.916	73-77	PA105		w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	73-77	PA134			115 200 15 20
240 D 3.0 (115.114) (59 kW) Eng.OM617.910	74-76	PA173		M/T+A/T, Eng. -024781	617 200 00 20,617 200 03 20
	74-76	PA105		w/RB, M/T+A/T, Eng. 024782-	110 200 01 20,110 200 09 20 110 200 17 20
	74-76	PA134		M/T+A/T, Eng. 024782-	115 200 15 20



PA377



PA414A



PA446



PA448



PA449



PA495



PA582



PA687



PA710



PA711



PA735



PA899

		GRAF ref.		NOTE	Ad. OE
190 (W201) '10/82-'08/93					
1.8 E (201.018) (80 kW) Eng.M102.910	90-93	PA495			102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
2.0 (66 kW) Eng.M102.921	82-84	PA377			102 200 01 20,102 200 08 01 102 200 09 01,102 200 42 01
2.0 (75-77 kW) Eng.M102.924	84-90	PA495			102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
2.0 D (201.122) (53-55 kW) Eng.OM601.911	83-93	PA446			601 200 02 20,601 200 09 20
2.0 E (93 kW) Eng.M102.962	82-84	PA377			102 200 01 20,102 200 08 01 102 200 09 01,102 200 42 01
	84-93	PA495			102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
2.0 E (85-87 kW) Eng.M102.962	85-93	PA495			102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
2.0 E (201.024) (83-90 kW) Eng.M102.961,962	82-84	PA377			102 200 01 20,102 200 08 01 102 200 09 01,102 200 42 01
	84-93	PA495			102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
2.3 E (201.028) (97-100 kW) Eng.M102.985	86-93	PA495			102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
2.3-16 E (201.034) (125-130-136 kW) Eng.M102.983	84-88	PA495			102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
2.5 D (201.126) (66-69 kW) Eng.OM602.911	85-93	PA448			602 200 00 20,602 200 02 20
2.5-16 E (150 kW) Eng.M102.990	88-93	PA495			102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
2.5TD (201.128) (90-93 kW) Eng.OM602.961	88-93	PA448			602 200 00 20,602 200 02 20
2.6 E (201.029) (118-122 kW) Eng.M103.942	86-93	PA414A		A/T	103 200 05 01,103 200 18 01 103 200 21 01,103 200 27 01 103 200 38 01
	86-93	PA449			103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
	86-93	PA735			103 200 04 01,103 200 16 01 103 200 20 01
CLK I (C208) '06/97-'06/02					
200 (208.335) (100 kW) Eng.M111.941,945	97-02	PA582			111 200 04 01,111 200 40 01
200 K. (208.344) (120 kW) Eng.M111.956	00-02	PA899			111 200 42 01
200 K. (208.345) (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 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	97-02	PA711		California	112 200 05 01,112 200 10 01 112 200 15 01
430 (208.370) (205 kW) Eng.M113.943	98-02	PA710			112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01



PA582



PA678



PA687



PA710



PA711



PA736



PA752



PA885



PA899



PA909





PA992



PA993

		GRAF ref.			NOTE	Ad. OE
CLK I Cabrio (A208) '03/98-'05/02						
200 (208.435) (100 kW) Eng.M111.941,945	98-02	PA582				111 200 04 01,111 200 40 01
200 K. (208.444) (120 kW) Eng.M111.956	00-02	PA899				111 200 42 01
200 K. (208.445) (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 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	98-02	PA711			California	112 200 05 01,112 200 10 01 112 200 15 01
430 (208.470) (205 kW) Eng.M113.943	98-02	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
CLK II (C209) '06/02-						
200 CGI K. (209.343) (125 kW) Eng.M271.942	03-	PA885				271 200 02 01
200 K. (209.342) (120 kW) Eng.M271.940	02-	PA899				111 200 42 01
220 CDI (110 kW) Eng.OM646.963	05-	PA909				646 200 03 01
240 (209.361) (125 kW) Eng.M112.912	02-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
						611 200 02 01,611 200 12 01
270 CDI (209.316) (125 kW) Eng.OM612.962,967	02-	PA752				611 200 02 01,611 200 12 01
320 (209.365) (160 kW) Eng.M112.955	02-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
						642 200 07 01
320 CDI (165 kW) Eng.OM642.910	05-	PA992				642 200 07 01
500 (209.375) (225 kW) Eng.M113.968	02-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
						112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
55 AMG (209.376) (270 kW) Eng.M113.987	02-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
CLK II Cabrio (A209) '02/03-						
200 CGI (209.443) (125 kW) Eng.M271.942	03-	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 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
						112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
320 (209.465) (160 kW) Eng.M112.955	03-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
						642 200 07 01
320 CDI (165 kW) Eng.OM642.910	07-	PA992				642 200 07 01
500 (209.475) (225 kW) Eng.M113.968	03-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
						112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
55 AMG (209.476) (270 kW) Eng.M113.987	03-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
CLS (C219) '10/04-						
320 CDI (165 kW) Eng.OM642.940	05-	PA993				642 200 10 01
500 (225 kW) Eng.M113.967	04-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
						112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
Classe A (W168) '07/97-'08/04						
A 140 (168.031/.131) (60 kW) Eng.M166.940	97-04	PA678			Eng. -63274	166 200 03 20,166 200 04 20 166 200 05 20
	97-04	PA736			Eng. 63275-	166 200 06 20,166 200 07 20
A 160 (168.033/.133) (75 kW) Eng.M166.960	97-04	PA678			Eng. -63274	166 200 03 20,166 200 04 20 166 200 05 20
	97-04	PA736			Eng. 63275-	166 200 06 20,166 200 07 20

			
<p>PA448</p>	<p>PA580</p>	<p>PA582</p>	<p>PA583</p>
			
<p>PA661</p>	<p>PA678</p>	<p>PA687</p>	<p>PA706</p>
			
<p>PA710</p>	<p>PA711</p>	<p>PA736</p>	<p>PA752</p>
			
<p>PA978</p>			

		GRAF ref.			NOTE	Ad. OE
A 160 CDI (168.006) (55 kW) Eng.OM668.940	01-04	PA678			Eng. -014963	166 200 03 20,166 200 04 20 166 200 05 20
	01-04	PA736			Eng. 014964-	166 200 06 20,166 200 07 20
A 160 CDI (168.007) (44 kW) Eng.OM668.941	98-01	PA678			Eng. -014963	166 200 03 20,166 200 04 20 166 200 05 20
	98-01	PA736			Eng. 014964-	166 200 06 20,166 200 07 20
A 170 CDI (168.008) (66 kW) Eng.OM668.940	98-01	PA678			Eng. -014963	166 200 03 20,166 200 04 20 166 200 05 20
	98-01	PA736			Eng. 014964-	166 200 06 20,166 200 07 20
A 170 CDI (168.009/109) (70 kW) Eng.OM668.942	01-04	PA678			Eng. -014963	166 200 03 20,166 200 04 20 166 200 05 20
	01-04	PA736			Eng. 014964-	166 200 06 20,166 200 07 20
A 190 (168.032/.132) (92 kW) Eng.M166.990	99-04	PA678			Eng. -63274	166 200 03 20,166 200 04 20 166 200 05 20
	99-04	PA736			Eng. 63275-	166 200 06 20,166 200 07 20

Classe A (W169) '09/04-

A 150 (169.031/331) (70 kW) Eng.M266.920	04-	PA978				640 200 03 01
A 160 CDI (169.006/306) (60 kW) Eng.OM640.942	04-	PA978				640 200 03 01
A 170 (169.032/332) (85 kW) Eng.M266.940	04-	PA978				640 200 03 01
A 180 CDI (169.007/307) (80 kW) Eng.OM640.940	04-	PA978				640 200 03 01
A 200 (169.033/333) (100 kW) Eng.M266.960	04-	PA978				640 200 03 01
A 200 CDI (169.008/308) (103 kW) Eng.OM640.941	04-	PA978				640 200 03 01
A 200 Turbo (169.034/334) (142 kW) Eng.M266.980	05-	PA978				640 200 03 01

Classe B (W245) '03/05-

B 150 (245.231) (70 kW) Eng.M266.920	05-	PA978				640 200 03 01
B 170 (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
B 200 (245.233) (100 kW) Eng.M266.960	05-	PA978				640 200 03 01
B 200 CDI (245.208) (103 kW) Eng.OM640.941	05-	PA978				640 200 03 01
B 200 T. (245.234) (142 kW) Eng.M266.980	05-	PA978				640 200 03 01

Classe C I (W202) '03/93-'05/00

C 180 (202.018) (89-90 kW) Eng.M111.921,920	93-00	PA582				111 200 04 01,111 200 40 01
C 200 (202.020) (100 kW) Eng.M111.945,941	94-00	PA582				111 200 04 01,111 200 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 01,111 200 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 01,111 200 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 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	97-00	PA711		California		112 200 05 01,112 200 10 01 112 200 15 01
C 250 D (202.125) (83 kW) Eng.OM605.910	93-00	PA448				602 200 00 20,602 200 02 20
C 250 TD (202.128) (110 kW) Eng.OM605.960	95-00	PA706				605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
C 280 (202.028) (142 kW) Eng.M104.941	93-00	PA580				104 200 33 01,104 200 44 01 104 200 47 01
	93-00	PA661				104 200 28 01,104 200 45 01 104 200 49 01,104 200 54 01
C 280 (202.029) (145 kW) Eng.M112.920	97-00	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	97-00	PA711		California		112 200 05 01,112 200 10 01 112 200 15 01
C 43 AMG (202.033) (225 kW) Eng.M113.944	97-00	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01



PA582



PA583



PA687



PA706



PA710



PA711



PA752



PA885



PA899



PA909



PA910













PA992

		GRAF ref.			NOTE	Ad. OE
C 43 AMG (202.033) (225 kW) Eng.M113.944	97-00	PA711			California	112 200 05 01,112 200 10 01 112 200 15 01
Classe C I SW (S202) '06/96-'03/01						
C 180 T (202.078) (90 kW) Eng.M111.921,920	96-00	PA582				111 200 04 01,111 200 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.M111.945,941	96-00	PA582				111 200 04 01,111 200 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 D (202.180) (65 kW) Eng.OM604.915	96-01	PA583				601 200 11 20
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 220 T CDI (202.193) (92 kW) Eng.OM611.960	97-01	PA752				611 200 02 01,611 200 12 01
C 220 T D (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 01,111 200 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) (125 kW) Eng.M112.910	97-00	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	97-00	PA711			California	112 200 05 01,112 200 10 01 112 200 15 01
C 240 T (202.088) (125 kW) Eng.M112.915	00-01	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	00-01	PA711			California	112 200 05 01,112 200 10 01 112 200 15 01
C 250 T TD (202.188) (110 kW) Eng.OM605.960	96-01	PA706				605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
C 280 T (202.089) (145 kW) Eng.M112.920	97-01	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	97-01	PA711			California	112 200 05 01,112 200 10 01 112 200 15 01
C 43 AMG (202.093) (225 kW) Eng.M113.944	97-00	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	97-00	PA711			California	112 200 05 01,112 200 10 01 112 200 15 01

Classe C II (W203) '05/00-

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
C 200 CDI (75 kW) Eng.OM646.962	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	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) (105 kW) Eng.OM611.962	00-	PA752				611 200 02 01,611 200 12 01
C 220 CDI (203.008) (110 kW) Eng.OM646.963	04-	PA909				646 200 03 01
C 230 K. (203.040) (141 kW) Eng.M271.948	04-	PA885				271 200 02 01
C 240 (203.061) (125 kW) Eng.M112.912	00-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	02-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
C 270 CDI (203.016) (125 kW) Eng.OM612.962	00-	PA752				611 200 02 01,611 200 12 01
C 320 (203.064) (160 kW) Eng.M112.946	00-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	02-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
C 320 CDI (203.020) (165 kW) Eng.OM642.910	05-	PA992				642 200 07 01

			
<p>PA446</p>	<p>PA448</p>	<p>PA580</p>	<p>PA582</p>
			
<p>PA661</p>	<p>PA706</p>	<p>PA710</p>	<p>PA752</p>
			
<p>PA885</p>	<p>PA899</p>	<p>PA909</p>	<p>PA910</p>
			
<p>PA992</p>			

		GRAF ref.			NOTE	Ad. OE
C 55 AMG (203.076) (270 kW) Eng.M113.988	04-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01

Classe C II SW (S203) '03/01-












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	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 (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 K. (203.240) (141 kW) Eng.M271.948	04-	PA885				271 200 02 01
C 240 (203.261) (125 kW) Eng.M112.912	01-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
C 240 4-matic (203.281) (125 kW) Eng.M112.916	02-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
C 270 CDI (203.216) (125 kW) Eng.OM612.962	01-	PA752				611 200 02 01,611 200 12 01
C 320 (203.264) (160 kW) Eng.M112.946	01-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
C 320 4-matic (203.284) (160 kW) Eng.M112.953	02-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
C 320 CDI (203.220) (165 kW) Eng.OM642.910	06-	PA992				642 200 07 01
C 55 AMG (203.276) (270 kW) Eng.M113.988	01-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01

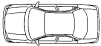



Classe C II SportCoupe (CL203) '03/01-

C 160 Kompressor (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 (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 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 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01

Classe E I (W124) '06/93-'06/95

E 200 (124.019) (100 kW) Eng.M111.940	93-95	PA582				111 200 04 01,111 200 40 01
E 200 D (124.120) (55 kW) Eng.OM601.912	93-95	PA446				601 200 02 20,601 200 09 20
E 220 (124.022) (110 kW) Eng.M111.960	93-95	PA582				111 200 04 01,111 200 40 01
E 250 D (124.126/129) (83 kW) Eng.OM605.911	93-95	PA448				602 200 00 20,602 200 02 20
E 250 TD (124.128) (93 kW) Eng.OM602.962	93-95	PA448			Eng. -020852	602 200 00 20,602 200 02 20
	93-95	PA706			Eng. 020853-	605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
E 280 (124.028) (145 kW) Eng.M104.942	93-95	PA580			M/T+A/T	104 200 33 01,104 200 44 01 104 200 47 01
	93-95	PA661			M/T+A/T	104 200 28 01,104 200 45 01 104 200 49 01,104 200 54 01
E 280 lungo (124.029) (142 kW) Eng.M104.942	93-95	PA580			M/T+A/T	104 200 33 01,104 200 44 01 104 200 47 01
	93-95	PA661			M/T+A/T	104 200 28 01,104 200 45 01 104 200 49 01,104 200 54 01

			
<p>PA448</p>	<p>PA449</p>	<p>PA450</p>	<p>PA578</p>
			
<p>PA580</p>	<p>PA582</p>	<p>PA608</p>	<p>PA613</p>
			
<p>PA661</p>	<p>PA706</p>	<p>PA735</p>	

		GRAF ref.	 	NOTE	Ad. OE
E 300 (124.030) (132 kW) Eng.M103.983	93-95	PA735		Eng. -018292	103 200 04 01,103 200 16 01 103 200 20 01
	93-95	PA449		Eng. 018293-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
E 300 4-matic (124.230) (132 kW) Eng.M103.985	93-95	PA735		Eng. -000582	103 200 04 01,103 200 16 01 103 200 20 01
	93-95	PA449		Eng. 000583-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
E 300 D (124.131) (100 kW) Eng.OM606.910	93-95	PA448			602 200 00 20,602 200 02 20
E 300 TD (124.133) (108 kW) Eng.OM603.960	93-95	PA448		Eng. -054622	602 200 00 20,602 200 02 20
	93-95	PA706		Eng. 054623-	605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
E 300 TD 4-matic (124.333) (108 kW) Eng.OM603.963	93-95	PA448			602 200 00 20,602 200 02 20
E 320 (124.032) (162 kW) Eng.M104.992	93-95	PA580			104 200 33 01,104 200 44 01 104 200 47 01
	93-95	PA661			104 200 28 01,104 200 45 01 104 200 49 01,104 200 54 01
E 420 (124.034) (205 kW) Eng.M119.975	93-95	PA578		Eng. -020770	119 200 04 01,119 200 09 01 119 200 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 01,119 200 09 01 119 200 15 01
	93-95	PA613		Eng. 010205-	119 200 21 01

Classe E I Cabrio (A124) '06/93-'03/98






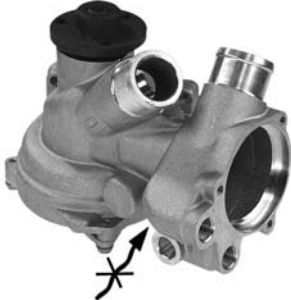







E 200 (124.060) (100 kW) Eng.M111.940	93-98	PA582			111 200 04 01,111 200 40 01
E 220 (124.062) (110 kW) Eng.M111.960	93-98	PA582			111 200 04 01,111 200 40 01
E 300 (124.061)	93-98	PA450			104 200 03 01,104 200 29 01
E 320 (124.066) (162 kW) Eng.M104.992,995	93-98	PA580			104 200 33 01,104 200 44 01 104 200 47 01

Classe E I Coupe (C124) '06/93-'06/97













E 200 (124.040) (100 kW) Eng.M111.940	93-97	PA582			111 200 04 01,111 200 40 01
E 220 (124.042) (110 kW) Eng.M111.960	93-97	PA582			111 200 04 01,111 200 40 01
E 320 (124.052) (162 kW) Eng.M104.992	93-95	PA661			104 200 28 01,104 200 45 01 104 200 49 01,104 200 54 01
	96-97	PA580			104 200 33 01,104 200 44 01 104 200 47 01

Classe E I SW (S124) '06/93-'06/96

E 200 (124.079) (100 kW) Eng.M111.940	93-96	PA582			111 200 04 01,111 200 40 01
E 220 (124.082) (110 kW) Eng.M111.960	93-96	PA582			111 200 04 01,111 200 40 01
E 250 D (124.186) (83 kW) Eng.OM605.911	93-96	PA448			602 200 00 20,602 200 02 20
E 250 TD (93 kW) Eng.OM602.962	93-96	PA448		Eng. -020852	602 200 00 20,602 200 02 20
	93-96	PA706		Eng. 020853-	605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
E 280 (124.088) (142-145 kW) Eng.M104.942	93-96	PA580		M/T+A/T	104 200 33 01,104 200 44 01 104 200 47 01
	93-96	PA661		M/T+A/T	104 200 28 01,104 200 45 01 104 200 49 01,104 200 54 01
E 300 4-matic (124.290) (132 kW) Eng.M103.985	93-96	PA735		Eng. -000582	103 200 04 01,103 200 16 01 103 200 20 01
	93-96	PA449		Eng. 000583-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
E 300 D (124.191) (100 kW) Eng.OM606.910	93-96	PA448			602 200 00 20,602 200 02 20
E 300 TD (124.193) (108 kW) Eng.OM603.960	93-96	PA448		Eng. -054622	602 200 00 20,602 200 02 20
	93-96	PA706		Eng. 054623-	605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
E 300 TD 4-matic (124.393) (108 kW) Eng.OM603.963	93-96	PA448			602 200 00 20,602 200 02 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 01,104 200 29 01
E 320 (124.092) (162 kW) Eng.M104.992	93-96	PA580			104 200 33 01,104 200 44 01 104 200 47 01

			
<p>PA448</p>	<p>PA580</p>	<p>PA582</p>	<p>PA583</p>
			
<p>PA613</p>	<p>PA661</p>	<p>PA687</p>	<p>PA706</p>
			
<p>PA710</p>	<p>PA711</p>	<p>PA746</p>	<p>PA752</p>
			
<p>PA899</p>			










		GRAF ref.	 	NOTE	Ad. OE
E 320 (124.092) (162 kW) Eng.M104.992	93-96	PA661			104 200 28 01,104 200 45 01 104 200 49 01,104 200 54 01
Classe E II (W210) '06/95-'03/02					
E 200 (210.035) (100 kW) Eng.M111.942	95-00	PA582			111 200 04 01,111 200 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 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	99-02	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 01,111 200 40 01
E 240 (210.061) (125 kW) Eng.M112.911	97-00	PA710			112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	97-00	PA711		California	112 200 05 01,112 200 10 01 112 200 15 01
E 250 D (210.010) (83 kW) Eng.OM605.912	97-7/02	PA448			602 200 00 20,602 200 02 20
E 250 TD (210.015) (110 kW) Eng.OM605.962	97-99	PA706			605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
E 260 (210.062) (125 kW) Eng.M112.914	00-02	PA710			112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 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 01,104 200 44 01 104 200 47 01
E 280 (210.063) (150 kW) Eng.M112.921	96-02	PA710			112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	96-02	PA711		California	112 200 05 01,112 200 10 01 112 200 15 01
E 280 4-matic (210.081) (150 kW) Eng.M112.921	96-02	PA710			112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	96-02	PA711		California	112 200 05 01,112 200 10 01 112 200 15 01
E 290 TD (210.017) (95 kW) Eng.OM602.982	96-7/99	PA448			602 200 00 20,602 200 02 20
E 300 TD (210.025) (130 kW) Eng.OM606.962	96-99	PA706			605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
E 320 (210.055) (162 kW) Eng.M104.992	95-97	PA580			104 200 33 01,104 200 44 01 104 200 47 01
E 320 (210.065) (165 kW) Eng.M112.941	97-02	PA710			112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	97-02	PA711		California	112 200 05 01,112 200 10 01 112 200 15 01
E 320 4-matic (210.082) (165 kW) Eng.M112.941	97-02	PA710			112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	97-02	PA711		California	112 200 05 01,112 200 10 01 112 200 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 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	97-02	PA711		California	112 200 05 01,112 200 10 01 112 200 15 01
E 430 4-matic (210.083) (205 kW) Eng.M113.940	99-02	PA710			112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
E 55 AMG (210.074) (260 kW) Eng.M113.980	97-02	PA710			112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01

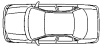



			
PA448	PA582	PA613	PA687
			
PA706	PA710	PA711	PA746
			
PA752	PA885	PA899	PA909

		GRAF ref.			NOTE	Ad. OE
Classe E II SW (S210) '06/96-'03/03						
E 200 (210.235) (100 kW) Eng.M111.942	96-00	PA582				111 200 04 01,111 200 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 01,111 200 40 01
E 240 (210.261) (125 kW) Eng.M112.911	97-00	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	97-00	PA711			California	112 200 05 01,112 200 10 01 112 200 15 01
E 250 D (210.210) (83 kW) Eng.OM605.912	96-99	PA448				602 200 00 20,602 200 02 20
E 250 TD (210.215) (110 kW) Eng.OM605.962	97-99	PA706				605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
E 260 (210.262) (125 kW) Eng.M112.914	00-03	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 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 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	96-03	PA711			California	112 200 05 01,112 200 10 01 112 200 15 01
E 280 4-matic (210.281) (150 kW) Eng.M112.921	96-03	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	96-03	PA711			California	112 200 05 01,112 200 10 01 112 200 15 01
E 290 TD (210.217) (95 kW) Eng.OM602.982	96-99	PA448				602 200 00 20,602 200 02 20
E 300 TD (210.225) (130 kW) Eng.OM606.962	96-99	PA706				605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
E 320 (210.265) (165 kW) Eng.M112.941	96-03	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	96-03	PA711			California	112 200 05 01,112 200 10 01 112 200 15 01
E 320 4-matic (210.282) (165 kW) Eng.M112.941	96-03	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	96-03	PA711			California	112 200 05 01,112 200 10 01 112 200 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 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	97-03	PA711			California	112 200 05 01,112 200 10 01 112 200 15 01
E 430 4-matic (210.283) (205 kW) Eng.M113.940	99-03	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
E 55 AMG (210.274) (260 kW) Eng.M113.980	97-03	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01

Classe E III (W211) '03/02-

E 200 CDI (75 kW) Eng.OM646.951	02-	PA909				646 200 03 01
E 200 CDI (90 kW) Eng.OM646.951	02-	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 NGT (120 kW) Eng.M271.941	04-	PA885				271 200 02 01
E 220 CDI (211.006) (110 kW) Eng.OM646.961	02-	PA909				646 200 03 01

			
PA105	PA406	PA448	PA710
			
PA711	PA885	PA889	PA909
			
PA992			

		GRAF ref.			NOTE	Ad. OE
E 240 (211.061) (130 kW) Eng.M112.917,913	02-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
E 240 4-matic (211.080) (130 kW) Eng.M112.917	03-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
E 270 CDI (211.016) (130 kW) Eng.OM647.961	02-	PA909				646 200 03 01
E 280 CDI (140 kW) Eng.OM642.920	05-	PA992				642 200 07 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
E 320 (211.065) (165 kW) Eng.M112.949	02-	PA889				613 200 09 01
E 320 4-matic (211.082) (165 kW) Eng.M112.954	03-	PA711				112 200 05 01,112 200 10 01 112 200 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	05-	PA992				642 200 07 01
E 500 (211.070) (225 kW) Eng.M113.967	02-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
E 500 4-matic (211.083) (225 kW) Eng.M113.969	03-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01

Classe E III SW (S211) '03/03-

E 200 K. (211.242) (120 kW) Eng.M271.941	03-	PA885				271 200 02 01
E 220 CDI (211.206) (110 kW) Eng.OM646.961	03-	PA909				646 200 03 01
E 240 (211.261) (130 kW) Eng.M112.913	03-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
E 240 4-matic (211.280) (130 kW) Eng.M112.917	03-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
E 270 CDI (211.216) (130 kW) Eng.OM647.961	03-	PA909				646 200 03 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
E 280 T CDI 4-matic (140 kW) Eng.OM642.921	05-	PA992				642 200 07 01
E 320 (211.265) (165 kW) Eng.M112.949	03-	PA889				613 200 09 01
E 320 4-matic (211.282) (165 kW) Eng.M112.954	03-	PA711				112 200 05 01,112 200 10 01 112 200 15 01
E 320 CDI (165 kW) Eng.OM642.920	05-	PA992				642 200 07 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
E 500 (211.270) (225 kW) Eng.M113.967	03-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
E 500 4-matic (211.283) (225 kW) Eng.M113.969	03-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01

Classe G (W460) '03/79-'07/93

230 (460,2) (66 kW) Eng.M115.973	79-93	PA105			w/RB, Eng. -001111	110 200 01 20,110 200 09 20 110 200 17 20
230 (460,2) (75 kW) Eng.M115.973	80-87	PA105			w/RB, Eng. -001111	110 200 01 20,110 200 09 20 110 200 17 20
240 (460,3) (53 kW) Eng.OM616.936	89-87	PA105			w/RB, Eng. -005397	110 200 01 20,110 200 09 20 110 200 17 20
250 (460,3) (62-68 kW) Eng.OM602.930	87-92	PA448				602 200 00 20,602 200 02 20
280 (460,2) (110-115 kW) Eng.M110.994	79-89	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
300 (460,3) (65 kW) Eng.OM617.931	79-91	PA105			w/RB, Eng. -011424	110 200 01 20,110 200 09 20 110 200 17 20
	79-91	PA406			Eng. 011425-	616 200 04 20,616 200 07 20

Classe G (W461) '02/90-

290 D (461.337/.338) (70 kW) Eng.OM602.942	92-	PA448				602 200 00 20,602 200 02 20



PA447



PA448



PA449



PA582



PA610



PA706



PA710



PA711



PA735



PA752














PA888



PA993

		GRAF ref.			NOTE	Ad. OE
Classe G (W463) '09/89-						
250 (463) (69 kW) Eng.OM602.931	90-	PA448				602 200 00 20,602 200 02 20
270 CDI (463.322/.323) (115 kW) Eng.OM612.966	01-	PA888				611 200 05 01,611 200 11 01
300 (463.227/.228) (125-128 kW) Eng.M103.987	90-	PA449				103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
	90-	PA735				103 200 04 01,103 200 16 01 103 200 20 01
300 (463.327/.328) (83 kW) Eng.OM603.931	89-	PA448				602 200 00 20,602 200 02 20
300 TD (463.330/.331) (130 kW) Eng.OM606.964	96-	PA706				605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
320 (463.230/.231) (155 kW) Eng.M104.996	94-97	PA610				104 200 27 01,104 200 32 01 104 200 48 01
320 (463.232/.233) (158 kW) Eng.M112.945	97-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	97-	PA711		California		112 200 05 01,112 200 10 01 112 200 15 01
350 TD (463.320/.321) (100 kW) Eng.OM603.972	91-	PA448			Eng. -004348	602 200 00 20,602 200 02 20
	91-	PA706			Eng. 004349-	605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
500 (463.228) (177 kW) Eng.M117.965	93-	PA447				116 200 11 01,116 200 12 01 116 200 13 01,116 200 14 01 116 200 16 01,116 200 17 01
500 (463.247/.248/.249) (218 kW) Eng.M113.962	98-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	98-	PA711		California		112 200 05 01,112 200 10 01 112 200 15 01
Classe GL '09/06-						
GL 320 CDI (165 kW) Eng.OM642.940	06-	PA993				642 200 10 01
Classe M (W163) '02/98-						
ML 230 (163.136) (110 kW) Eng.M111.977	98-	PA582				111 200 04 01,111 200 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 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	98-02	PA711		California		112 200 05 01,112 200 10 01 112 200 15 01
ML 350 (173 kW) Eng.M112.970	03-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
ML 350 (163.157) (180 kW) Eng.M112.970	02-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
ML 430 (163.172) (200 kW) Eng.M113.942	98-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
ML 500 (163.175) (215 kW) Eng.M113.964,965	01-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
ML 55 AMG (163.174) (255 kW) Eng.M113.981	00-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
Classe M (W164) '07/05-						
M 280 CDI (164.120) (140 kW) Eng.OM642.940	05-	PA993				642 200 10 01
M 320 CDI (164.122) (165 kW) Eng.OM642.940	05-	PA993				642 200 10 01
M 500 (164.175) (225 kW) Eng.M113.964	05-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01

			
<p>PA105</p>	<p>PA106</p>	<p>PA119</p>	<p>PA134</p>
			
<p>PA414A</p>	<p>PA447</p>	<p>PA449</p>	<p>PA710</p>
			
<p>PA735</p>	<p>PA993</p>	<p>KIT126</p>	

		GRAF ref.			NOTE	Ad. OE
Classe R '01/06-						
R 280 CDI (251.020) (140 kW) Eng.OM642.940	06-	PA993				642 200 10 01
R 320 CDI (165 kW) Eng.OM642.940	06-	PA993				642 200 10 01
R 500 (225 kW)	06-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
Classe S II (W116) '08/72-'07/80						
280 S (116.020) (115-118 kW) Eng.M110.922	72-80	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	72-80	PA134				115 200 15 20
280 SE,SEL (116.024/.025) (130-136 kW) Eng.M110.983,985	72-80	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	72-80	PA134				115 200 15 20
350 SE,SEL (116.028/.029) (147 kW) Eng.M116.983	72-76	PA106				117 200 02 01,117 200 03 01 117 200 08 01,117 200 28 01 117 200 38 01
350 SE,SEL (116.928) (143-151 kW) Eng.M116.985	76-80	PA106				117 200 02 01,117 200 03 01 117 200 08 01,117 200 28 01 117 200 38 01
450 SE,SEL (116.032) (165 kW) Eng.M117.986,983	73-80	PA106				117 200 02 01,117 200 03 01 117 200 08 01,117 200 28 01 117 200 38 01
450 SE,SEL (116.033) (160 kW) Eng.M117.986,985	75-80	PA106				117 200 02 01,117 200 03 01 117 200 08 01,117 200 28 01 117 200 38 01
Classe S III (W126) '10/79-'06/91						
260 SE (126.020) (118-122 kW) Eng.M103.941	85-91	PA735			M/T+A/T, Eng. -009801	103 200 04 01,103 200 16 01 103 200 20 01
	85-91	PA449			M/T+A/T, Eng. 009802-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
280 S (126.021) (115 kW) Eng.M110.926,924	79-85	PA119				110 200 04 20,110 200 11 20 110 200 19 20
280 SE,SEL (126.022/.023) (136 kW) Eng.M110.989,987	79-85	PA119				110 200 04 20,110 200 11 20 110 200 19 20
300 SE,SEL (126.024/.025) (132 kW) Eng.M103.981(KAT)	86-91	PA735			Eng. -004965	103 200 04 01,103 200 16 01 103 200 20 01
	86-91	PA414A			+KIT126, A/T, Eng. -045442	103 200 05 01,103 200 18 01 103 200 21 01,103 200 27 01 103 200 38 01
	86-91	KIT126			A/T, Eng. -045442	
	86-91	PA449			Eng. 004966-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
	86-91	PA414A			A/T, Eng. 045443-	103 200 05 01,103 200 18 01 103 200 21 01,103 200 27 01 103 200 38 01
300 SE,SEL (126.041) (138 kW) Eng.M103.981	85-89	PA735			Eng. -004965	103 200 04 01,103 200 16 01 103 200 20 01
	85-89	PA414A			+KIT126, A/T, Eng. -045442	103 200 05 01,103 200 18 01 103 200 21 01,103 200 27 01 103 200 38 01
	85-89	KIT126			A/T, Eng. -045442	
	85-89	PA449			Eng. 004966-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
	85-89	PA414A			A/T, Eng. 045443-	103 200 05 01,103 200 18 01 103 200 21 01,103 200 27 01 103 200 38 01
420 SE,SEL (126.034/.035) (150-160-165-170 kW) Eng.M116.965	85-91	PA447				116 200 11 01,116 200 12 01 116 200 13 01,116 200 14 01 116 200 16 01,116 200 17 01



PA447



PA448



PA567



PA578



PA584



PA610



PA613



PA706



PA710



PA889



PA955

		GRAF ref.			NOTE	Ad. OE
500 SE,SEL (126.036/.037) (164-180-185-195 kW) Eng.M117.965	85-91	PA447				116 200 11 01,116 200 12 01 116 200 13 01,116 200 14 01 116 200 16 01,116 200 17 01
500 SE,SEL (126.036/.037) (170-177 kW) Eng.M117.963,961	79-85	PA567				117 200 17 01,117 200 29 01 117 200 33 01
560 SE,SEL (126.038/.039) (178-200-205-220 kW) Eng.M117.968	85-91	PA447				116 200 11 01,116 200 12 01 116 200 13 01,116 200 14 01 116 200 16 01,116 200 17 01

Classe S III Coupe (C126) '10/81-'06/91

420 SEC (126.046) (150-160-165 kW) Eng.M116.965	85-91	PA447				116 200 11 01,116 200 12 01 116 200 13 01,116 200 14 01 116 200 16 01,116 200 17 01
500 SEC (126.044) (164-180-185-195 kW) Eng.M117.965	85-91	PA447				116 200 11 01,116 200 12 01 116 200 13 01,116 200 14 01 116 200 16 01,116 200 17 01
500 SEC (126.044) (170 kW) Eng.M117.963	81-85	PA567				117 200 17 01,117 200 29 01 117 200 33 01
560 SEC (126.045) (178-200-205-220 kW) Eng.M117.968	85-91	PA447				116 200 11 01,116 200 12 01 116 200 13 01,116 200 14 01 116 200 16 01,116 200 17 01

Classe S IV (W140) '02/91-'10/98















S 280 (140.028) (142-145 kW) Eng.M104.944	93-98	PA584		M/T+A/T, Eng. -000508	104 200 13 01,104 200 30 01 104 200 46 01
	93-98	PA610		M/T+A/T, Eng. 000509-	104 200 27 01,104 200 32 01 104 200 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 01,104 200 30 01 104 200 46 01
	91-98	PA610		M/T+A/T, Eng. 0206PA31209	104 200 27 01,104 200 32 01 104 200 48 01
S 300 TD (140.135) (130 kW) Eng.OM606.961	96-98	PA706			605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
S 320 SE,SEL (140.032) (170 kW) Eng.M104.990	91-98	PA584		M/T+A/T, Eng. -000259	104 200 13 01,104 200 30 01 104 200 46 01
	91-98	PA610		Eng. 000260-	104 200 27 01,104 200 32 01 104 200 48 01
S 350 TD (140.134) (110 kW) Eng.OM603.971	93-98	PA448		Eng. -018738	602 200 00 20,602 200 02 20
	93-98	PA706		Eng. 018739-	605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
S 420 (140.042) (205-210 kW) Eng.M119.971	91-98	PA578		Eng. -026750	119 200 04 01,119 200 09 01 119 200 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 01,119 200 09 01 119 200 15 01
	91-98	PA613		Eng. 056886-	119 200 21 01

Classe S IV Coupe (C140) '09/92-'02/99

SEC/CL 420 (140.063) (205 kW) Eng.M119.971	94-99	PA578		Eng. -026750	119 200 04 01,119 200 09 01 119 200 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 01,119 200 09 01 119 200 15 01
	92-99	PA613		Eng. 056886-	119 200 21 01

Classe S V (W220) '10/98-

S 320 (220.065/.165) (165 kW) Eng.M112.944	98-	PA710			112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 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 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01

			
<p>PA105</p>	<p>PA119</p>	<p>PA134</p>	<p>PA272</p>
			
<p>PA377</p>	<p>PA449</p>	<p>PA495</p>	<p>PA617</p>
			
<p>PA708</p>	<p>PA709</p>	<p>PA710</p>	<p>PA735</p>
			
<p>PA908</p>	<p>PA993</p>		

		GRAF ref.			NOTE	Ad. OE
S 350 4-matic (220.087/.187) (180 kW) Eng.M112.975	03-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
S 430 (220.070/.170) (205 kW) Eng.M113.941	98-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
S 500 (220.075/.175/.875) (225 kW) Eng.M113.960	98-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
S 55 AMG (220.073/.173) (265 kW) Eng.M113.986	99-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01

Classe S V Coupe (C215) '03/99-

CL 500 (215.375) (225 kW) Eng.M113.960	99-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
CL 55 AMG (215.373) (265 kW) Eng.M113.986	99-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01

Classe S VI (W221) '10/05-

S 320CDI (221.022) (173 kW)	06-	PA993				642 200 10 01
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Classe V (638/2) '09/96-














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 01,111 200 25 01 111 200 39 01
200 CDI (638.294) (75 kW) Eng.OM611.980	3/99-	PA908				611 200 04 01,611 200 10 01
220 CDI (638.294) (90 kW) Eng.OM611.980	3/99-	PA908				611 200 04 01,611 200 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 01,111 200 25 01 111 200 39 01
280 (638.244) (128 kW) Eng.M104.900	97-	PA617	•			000 200 03 01

Coupe II (C123) '03/77-'12/85



















230 C (123.043) (80 kW) Eng.M115.954	77-80	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	77-80	PA134				115 200 15 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 01,102 200 43 01
	82-85	PA377			M/T+A/T, Eng. 094784-	102 200 01 20,102 200 08 01 102 200 09 01,102 200 42 01
280 C (123.050) (115 kW) Eng.M110.923	77-80	PA119				110 200 04 20,110 200 11 20 110 200 19 20
280 CE (123.053) (130-136 kW) Eng.M110.988	77-85	PA119				110 200 04 20,110 200 11 20 110 200 19 20
300 C TD (123.153) (92 kW) Eng.OM617.952	81-85	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	81-85	PA134				115 200 15 20

Coupe III (C124) '03/87-'03/89

200 CE (124.041) (90 kW) Eng.M102.963	87-89	PA495				102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
230 CE (124.043) (97-100 kW) Eng.M102.982	87-89	PA495				102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
300 CE (124.045/.050) (132-138 kW) Eng.M103.983	87-89	PA735			Eng. -018292	103 200 04 01,103 200 16 01 103 200 20 01
	87-89	PA449			Eng. 018293-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01

			
<p>PA105</p>	<p>PA106</p>	<p>PA134</p>	<p>PA414A</p>
			
<p>PA447</p>	<p>PA449</p>	<p>PA495</p>	<p>PA567</p>
			
<p>PA580</p>	<p>PA582</p>	<p>PA661</p>	<p>PA735</p>
			
<p>KIT107</p>			

		GRAF ref.			NOTE	Ad. OE
Coupe IV (C124) '03/89-'05/93						
200 CE (124.041) (90 kW) Eng.M102.963	92-93	PA495				102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
220 CE (124.042) (110 kW) Eng.M111.960	89-93	PA582				111 200 04 01,111 200 40 01
300 CE (124.045/.050) (132-138 kW) Eng.M103.983	89-93	PA735			Eng. -018292	103 200 04 01,103 200 16 01 103 200 20 01
	89-93	PA449			Eng. 018293-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
300 CE-24 (124.051) (162 kW) Eng.M104.980	89-92	PA580				104 200 33 01,104 200 44 01 104 200 47 01
320 CE (124.052) (162 kW) Eng.M104.992	92-93	PA580				104 200 33 01,104 200 44 01 104 200 47 01
	92-93	PA661				104 200 28 01,104 200 45 01 104 200 49 01,104 200 54 01
SL I (R107) '05/71-'08/89						
280 SL (107.042) (130-136 kW) Eng.M110.982,990,986	74-85	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	74-85	PA134				115 200 15 20
300 SL (107.041) (132-138 kW) Eng.M103.982,(KAT)	85-89	PA735			Eng. -001730	103 200 04 01,103 200 16 01 103 200 20 01
	85-89	PA414A			+KIT107, A/T, Eng. -007505	103 200 05 01,103 200 18 01 103 200 21 01,103 200 27 01 103 200 38 01
	85-89	KIT107			A/T, Eng. -007505	
	85-89	PA449			Eng. 001731-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
	85-89	PA414A			Eng. 007506-	103 200 05 01,103 200 18 01 103 200 21 01,103 200 27 01 103 200 38 01
350 SL (107.043) (143 kW) Eng.M116.982,984	71-80	PA106				117 200 02 01,117 200 03 01 117 200 08 01,117 200 28 01 117 200 38 01
420 SL (107.047) (150-160 kW) Eng.M116.964	86-89	PA447				116 200 11 01,116 200 12 01 116 200 13 01,116 200 14 01 116 200 16 01,116 200 17 01
450 SL (107.044) (160-165 kW) Eng.M117.985,982	72-80	PA106				117 200 02 01,117 200 03 01 117 200 08 01,117 200 28 01 117 200 38 01
500 SL (107.046) (164-170 kW) Eng.M117.960	80-85	PA567				117 200 17 01,117 200 29 01 117 200 33 01
500 SL (107.046) (177-180 kW) Eng.M117.964	85-89	PA447				116 200 11 01,116 200 12 01 116 200 13 01,116 200 14 01 116 200 16 01,116 200 17 01
SL I Coupe (C107) '01/72-'09/81						
280 SLC (107.022) (130-136 kW) Eng.M110.986,990,982	74-81	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	74-81	PA134				115 200 15 20
350 SLC (107.023) (143-147 kW) Eng.M116.984,982	72-80	PA106				117 200 02 01,117 200 03 01 117 200 08 01,117 200 28 01 117 200 38 01
450 SLC (107.024) (160-165 kW) Eng.M117.985,982	73-79	PA106				117 200 02 01,117 200 03 01 117 200 08 01,117 200 28 01 117 200 38 01
SL II (R129) '03/89-'10/01						
280 (129.058) (142 kW) Eng.M104.943	93-01	PA580				104 200 33 01,104 200 44 01 104 200 47 01

			
PA105	PA119	PA134	PA272
			
PA377	PA449	PA450	PA578
			
PA580	PA582	PA613	PA661
			
PA687	PA710	PA711	PA735
			
PA885	PA899		

		GRAF ref.			NOTE	Ad. OE
280 (129.059) (150 kW) Eng.M112.923,925	98-01	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
300 SL (129.060) (140 kW) Eng.M103.984	89-93	PA449				103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
	89-93	PA735				103 200 04 01,103 200 16 01 103 200 20 01
300 SL-24 (129.061) (170 kW) Eng.M104.981	89-93	PA450				104 200 03 01,104 200 29 01
320 (129.063) (170 kW) Eng.M104.991	93-01	PA580				104 200 33 01,104 200 44 01 104 200 47 01
	93-01	PA661				104 200 28 01,104 200 45 01 104 200 49 01,104 200 54 01
320 (129.064) (165 kW) Eng.M112.943	98-01	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
500 (129.067) (235 kW) Eng.M119.972	92-01	PA578			Eng. -013777	119 200 04 01,119 200 09 01 119 200 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 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
	98-01	PA711			California	112 200 05 01,112 200 10 01 112 200 15 01
500 SL (129.066) (240 kW) Eng.M119.960,972	89-92	PA578				119 200 04 01,119 200 09 01 119 200 15 01
SL III (R230) '10/01-						
350 (230.467) (180 kW) Eng.M112.973	03-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
500 (230.475) (225 kW) Eng.M113.963	01-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
SLK I (R170) '09/96-						
200 (170.435) (100 kW) Eng.M111.946	96-00	PA582				111 200 04 01,111 200 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 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
SLK II (R171) '03/04-						
200 K. (171.442) (120 kW) Eng.M271.944	04-	PA885				271 200 02 01
T-Model (S123) SW '09/77-'12/85						
200 (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 01,102 200 43 01
	82-85	PA377			M/T+A/T, Eng. 0360PA	102 200 01 20,102 200 08 01 102 200 09 01,102 200 42 01
230 (123.083) (80 kW) Eng.M115.954	77-80	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	77-80	PA134				115 200 15 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 01,102 200 43 01
	82-85	PA377			M/T+A/T, Eng. 094784-	102 200 01 20,102 200 08 01 102 200 09 01,102 200 42 01
240 D (123.183) (48-53 kW) Eng.OM616.912	77-85	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	77-85	PA134				115 200 15 20
250 (123.086) (95-103 kW) Eng.M123.921	78-82	PA119				110 200 04 20,110 200 11 20 110 200 19 20



PA105



PA119



PA134



PA446



PA448



PA449



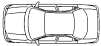


PA495



PA706



PA735














		GRAF ref.			NOTE	Ad. OE
280 (123.093) (136 kW) Eng.M110.988	77-85	PA119				110 200 04 20,110 200 11 20 110 200 19 20
300 D (123.190) (59-65 kW) Eng.OM617.912	77-85	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	77-85	PA134				115 200 15 20
300 TD (123.193) (92 kW) Eng.OM617.952	80-85	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	80-85	PA134				115 200 15 20

T-Model I (S124) SW '09/85-'09/89

200 (124.080) (77-80 kW) Eng.M102.922	85-89	PA495				102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
200 (124.081) (87 kW) Eng.M102.963	88-89	PA495				102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
200 D (124.180) (53-55 kW) Eng.OM601.912	85-89	PA446				601 200 02 20,601 200 09 20
230, Kat. (124.083) (97-100 kW) Eng.M102.982	85-89	PA495				102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
250 D (124.185) (66-69 kW) Eng.OM602.912	85-89	PA448				602 200 00 20,602 200 02 20
260 FGST. (118-122 kW) Eng.M103.940	85-89	PA735			Eng. -035731	103 200 04 01,103 200 16 01 103 200 20 01
	85-89	PA449			Eng. 035732-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
300 (124.090) (132-138 kW) Eng.M103.983	86-89	PA735			Eng. -018292	103 200 04 01,103 200 16 01 103 200 20 01
	86-89	PA449			Eng. 018293-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
300 4-matic (124.290) (132-138 kW) Eng.M103.985	86-89	PA735			Eng. -000582	103 200 04 01,103 200 16 01 103 200 20 01
	86-89	PA449			Eng. 000583-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
300 D (124.190) (80-81-83 kW) Eng.OM603.912	86-89	PA448				602 200 00 20,602 200 02 20
300 TD, 4-matic (124.193) (108 kW) Eng.OM603.960	1/89-9/89	PA448			Eng. -054622	602 200 00 20,602 200 02 20
	1/89-9/89	PA706			Eng. 054623-	605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
300 TD, 4-matic (124.393) (105 kW) Eng.OM603.963	86-89	PA448				602 200 00 20,602 200 02 20

T-Model II (S124) SW '09/89-'06/93














200 (124.080) (77-80 kW) Eng.M102.922	89-90	PA495				102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
200 (124.081) (87 kW) Eng.M102.963	89-92	PA495				102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
200 D (124.180) (53-55 kW) Eng.OM601.912	89-91	PA446				601 200 02 20,601 200 09 20
230, Kat. (124.083) (97-100 kW) Eng.M102.982	89-92	PA495				102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
250 D (124.185) (66-69 kW) Eng.OM602.912	89-93	PA448				602 200 00 20,602 200 02 20
250 TD (124.188) (90 kW) Eng.OM602.962	89-93	PA448			Eng. -020852	602 200 00 20,602 200 02 20
	89-93	PA706			Eng. 020853-	605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
260 FGST. (118-122 kW) Eng.M103.940	89-92	PA735			Eng. -035731	103 200 04 01,103 200 16 01 103 200 20 01

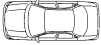
			
<p>PA105</p>	<p>PA119</p>	<p>PA134</p>	<p>PA272</p>
			
<p>PA377</p>	<p>PA448</p>	<p>PA449</p>	<p>PA450</p>
			
<p>PA580</p>	<p>PA608</p>	<p>PA661</p>	<p>PA706</p>
			
<p>PA735</p>			

		GRAF ref.			NOTE	Ad. OE
260 FGST. (118-122 kW) Eng.M103.940	89-92	PA449			Eng. 035732-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
280 (124.088) (145 kW) Eng.M104.942	92-93	PA580			M/T+A/T	104 200 33 01,104 200 44 01 104 200 47 01
	92-93	PA661			M/T+A/T	104 200 28 01,104 200 45 01 104 200 49 01,104 200 54 01
300 (124.090) (132-138 kW) Eng.M103.983	89-93	PA735			Eng. -018292	103 200 04 01,103 200 16 01 103 200 20 01
	89-93	PA449			Eng. 018293-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
300 4-matic (124.290) (132-138 kW) Eng.M103.985	89-93	PA735			Eng. -000582	103 200 04 01,103 200 16 01 103 200 20 01
	89-93	PA449			Eng. 000583-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
300 D (124.190) (80-81-83 kW) Eng.OM603.912	89-93	PA448				602 200 00 20,602 200 02 20
300 TD, 4-matic (124.193) (108 kW) Eng.OM603.960	89-93	PA448			Eng. -054622	602 200 00 20,602 200 02 20
	89-93	PA706			Eng. 054623-	605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
300 TD, 4-matic (124.393) (105 kW) Eng.OM603.963	89-93	PA448				602 200 00 20,602 200 02 20
300-24 (124.091) (162 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 01,104 200 29 01
320 (124.092) (162 kW) Eng.M104.992	92-93	PA580				104 200 33 01,104 200 44 01 104 200 47 01
	92-93	PA661				104 200 28 01,104 200 45 01 104 200 49 01,104 200 54 01

Tre Volumi I (W123) '01/76-'12/85

200 (123.020) (62-69 kW) Eng.M115.938,939	76-80	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	76-80	PA134				115 200 15 20
200 (123.220) (74-80 kW) Eng.M102.939,920	80-82	PA272			M/T+A/T, Eng. -036023	102 200 03 01/ 20,102 200 04 01/ 20 102 200 11 01,102 200 43 01
	82-85	PA377			M/T+A/T, Eng. 0360PA	102 200 01 20,102 200 08 01 102 200 09 01,102 200 42 01
200 D (123.120) (40-44 kW) Eng.OM615.940	76-85	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	76-85	PA134				115 200 15 20
220 D (123.126) (44-49 kW) Eng.OM615.941	76-79	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	76-79	PA134				115 200 15 20
230 (123.023) (80 kW) Eng.M115.954	76-81	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	76-81	PA134				115 200 15 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 01,102 200 43 01
	82-85	PA377			M/T+A/T, Eng. 094784-	102 200 01 20,102 200 08 01 102 200 09 01,102 200 42 01
240 D (123.123) (48-53 kW) Eng.OM616.912	76-85	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	76-85	PA134				115 200 15 20
250 (123.026) (95-103 kW) Eng.M123.921	76-85	PA119				110 200 04 20,110 200 11 20 110 200 19 20
280 (123.030) (115 kW) Eng.M110.923	76-81	PA119				110 200 04 20,110 200 11 20 110 200 19 20
280 E (123.033) (130-136 kW) Eng.M110.984,988	76-85	PA119				110 200 04 20,110 200 11 20 110 200 19 20
300 D (123.130/.132/.150) (59-65 kW) Eng.OM617.912	76-85	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	76-85	PA134				115 200 15 20
300 TD (123.133) (92 kW) Eng.OM617.952	81-85	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	81-85	PA134				115 200 15 20

			
<p>PA446</p>	<p>PA448</p>	<p>PA449</p>	<p>PA450</p>
			
<p>PA495</p>	<p>PA578</p>	<p>PA580</p>	<p>PA582</p>
			
<p>PA608</p>	<p>PA613</p>	<p>PA661</p>	<p>PA706</p>
			
<p>PA735</p>			

		GRAF ref.		NOTE	Ad. OE
Tre Volumi II (W124) '12/84-'06/93					
200 (124.020) (75-77-80 kW) Eng.M102.922	85-90	PA495			102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
200 D (124.120) (53-55 kW) Eng.OM601.912	84-93	PA446			601 200 02 20,601 200 09 20
200 E (124.019) (100 kW) Eng.M111.940	92-93	PA582			111 200 04 01,111 200 40 01
200 E (124.021) (87-90 kW) Eng.M102.963	88-92	PA495			102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
230 E (124.023), Kat (97-100 kW) Eng.M102.982	84-93	PA495			102 200 05 20,102 200 06 20 102 200 09 20,102 200 39 01 102 200 49 01,102 200 50 01 102 200 62 01
250 D (124.125) (66-69 kW) Eng.OM602.912	85-93	PA448			602 200 00 20,602 200 02 20
250 TD (124.128) (93 kW) Eng.OM602.962	88-93	PA448		Eng. -020852	602 200 00 20,602 200 02 20
	88-93	PA706		Eng. 020853-	605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
260 E (124.026) (118-122 kW) Eng.M103.940	85-92	PA735		Eng. -035731	103 200 04 01,103 200 16 01 103 200 20 01
	85-92	PA449		Eng. 035732-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
260 E 4-matic (124.226) (118 kW) Eng.M103.943	86-92	PA735		Eng. -000137	103 200 04 01,103 200 16 01 103 200 20 01
	86-92	PA449		Eng. 000138-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
260 E 4-matic (124.226) (122 kW) Eng.M103.940	86-89	PA735		Eng. -035731	103 200 04 01,103 200 16 01 103 200 20 01
	86-89	PA449		Eng. 035732-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
280 E (124.028) (145 kW) Eng.M104.942	92-93	PA580		M/T+A/T	104 200 33 01,104 200 44 01 104 200 47 01
	92-93	PA661		M/T+A/T	104 200 28 01,104 200 45 01 104 200 49 01,104 200 54 01
300 D (124.130) (80-81-83 kW) Eng.OM603.912	84-93	PA448			602 200 00 20,602 200 02 20
300 D 4-matic (124.330) (80-83 kW) Eng.OM603.913	86-93	PA448			602 200 00 20,602 200 02 20
300 E 4-matic (124.230) (132 kW) Eng.M103.985	86-93	PA735		Eng. -000582	103 200 04 01,103 200 16 01 103 200 20 01
	86-93	PA449		Eng. 000583-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
300 E, 4-matic (124.030) (132-138 kW) Eng.M103.980,983	85-92	PA735		Eng. -018292	103 200 04 01,103 200 16 01 103 200 20 01
	85-92	PA449		Eng. 018293-	103 200 07 01,103 200 17 01 103 200 20 01,103 200 26 01 103 200 37 01
300 E-24 (124.031) (162 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 01,104 200 29 01
300 TD (124.133) (108 kW) Eng.OM603.960	86-93	PA448		Eng. -054622	602 200 00 20,602 200 02 20
	86-93	PA706		Eng. 054623-	605 200 01 20,605 200 03 20 605 200 05 20,605 200 08 20
300 TD, 4-matic (124.333) (105-108 kW) Eng.OM603.963,960	86-93	PA448			602 200 00 20,602 200 02 20
320 E (124.032) (162 kW) Eng.M104.992	92-93	PA580			104 200 33 01,104 200 44 01 104 200 47 01
	92-93	PA661			104 200 28 01,104 200 45 01 104 200 49 01,104 200 54 01
400 E 4.2 (124.034) (205 kW) Eng.M119.975	92-93	PA578		Eng. -020770	119 200 04 01,119 200 09 01 119 200 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 01,119 200 09 01 119 200 15 01



PA105



PA406



PA407



PA448



PA613



PA677



PA710



PA736



PA888



PA1006

		GRAF ref.	 	NOTE	Ad. OE
500 E (124.036) (240 kW) Eng.M119.974	91-93	PA613		Eng. 010205-	119 200 21 01

Vaneo (414) '02/02-

1.6 (60 kW) Eng.M166.961	2/02-	PA736			166 200 06 20,166 200 07 20
1.6 (75 kW) Eng.M166.961	2/02-	PA736			166 200 06 20,166 200 07 20
1.7 CDI (55 kW) Eng.OM668.914	2/02-	PA736			166 200 06 20,166 200 07 20
1.7 CDI (67 kW) Eng.OM668.914	2/02-	PA736			166 200 06 20,166 200 07 20
1.9 (92 kW) Eng.M166.991	2/02-	PA736			166 200 06 20,166 200 07 20

Viano (W639) '09/03-

2.2 CDI (80 kW) Eng.OM646.982	03-	PA1006			646 200 10 01
2.2 CDI (110 kW) Eng.OM646.982	03-	PA1006			646 200 10 01
3.0 (140 kW) Eng.M112.951	03-	PA710			112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
3.2 (160 kW) Eng.M112.951	03-	PA710			112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01

MERCEDES BENZ LCV
MB100 (631) '02/88-'12/94

2.4D (41 kW) Eng.OM616	90-94	PA406			616 200 04 20,616 200 07 20
2.4D (53-55 kW) Eng.OM616.963	88-92	PA406			616 200 04 20,616 200 07 20

Sprinter I 2-T (901, 902) '02/95-

208 CDI (60 kW) Eng.OM611.987	00-	PA888			611 200 05 01,611 200 11 01
208 D (58-60 kW) Eng.OM601.943	95-00	PA448			602 200 00 20,602 200 02 20
210 D (75 kW) Eng.OM602.980	97-00	PA448			602 200 00 20,602 200 02 20
211 CDI (80 kW) Eng.OM611.981	4/00-	PA888			611 200 05 01,611 200 11 01
212 D (90 kW) Eng.OM602.980	95-00	PA448			602 200 00 20,602 200 02 20
213 CDI (95 kW) Eng.OM611.981	00-	PA888			611 200 05 01,611 200 11 01
214 (105 kW) Eng.M111.984,979	95-	PA677			111 200 22 01
216 CDI (115 kW) Eng.OM612.981	4/00-	PA888			611 200 05 01,611 200 11 01

Sprinter I 3-T (903) '02/95-

308 CDI (60 kW) Eng.OM611.987	00-	PA888			611 200 05 01,611 200 11 01
308 D 2.3 (58 kW) Eng.OM601.943	95-00	PA448			602 200 00 20,602 200 02 20
310 D 2.9 (75 kW) Eng.OM602.980	95-00	PA448			602 200 00 20,602 200 02 20
311 CDI, 4WD (80 kW) Eng.OM611.981	4/00-	PA888			611 200 05 01,611 200 11 01
312 D 2.9, 4WD (90 kW) Eng.OM602.980	95-02	PA448			602 200 00 20,602 200 02 20
313 CDI, 4WD (95 kW) Eng.OM611.981	00-	PA888			611 200 05 01,611 200 11 01
314, 4WD (105 kW) Eng.M111.984,979	95-	PA677			111 200 22 01
316 CDI, 4WD (115 kW) Eng.OM612.981	4/00-	PA888			611 200 05 01,611 200 11 01

Sprinter I 4-T (904) '02/96-

408 CDI (60 kW) Eng.OM611.987	00-	PA888			611 200 05 01,611 200 11 01
408 D (58 kW) Eng.OM601.943	96-	PA448			602 200 00 20,602 200 02 20
410 D, 4WD (75 kW) Eng.OM602.980	97-	PA448			602 200 00 20,602 200 02 20
411 CDI, 4WD (80 kW) Eng.OM611.981	4/00-	PA888			611 200 05 01,611 200 11 01
412 D, 4WD (85 kW) Eng.OM602.980	96-	PA448			602 200 00 20,602 200 02 20
412 D, 4WD (90 kW) Eng.OM602.980	96-	PA448			602 200 00 20,602 200 02 20
413 CDI, 4WD (95 kW) Eng.OM611.981	96-	PA888			611 200 05 01,611 200 11 01
414, 4WD (105 kW) Eng.M111.984,979	96-	PA677			111 200 22 01
416 CDI, 4WD (115 kW) Eng.OM612.981	4/00-	PA888			611 200 05 01,611 200 11 01

T1 (601) '04/77-'02/96

207 D 2.4 (48 kW) Eng.OM616.917	77-82	PA105		w/RB	110 200 01 20,110 200 09 20 110 200 17 20
207 D 2.4 (53 kW) Eng.OM616.937,939	82-90	PA406			616 200 04 20,616 200 07 20
208 D 2.3 (58-60 kW) Eng.OM601.940	88-96	PA448			602 200 00 20,602 200 02 20
209 D 2.9 (65 kW) Eng.OM617.913	82-90	PA407			617 200 05 20,617 200 06 20 617 200 07 20

Trasporter (BM601) '05/77-'01/95

207D (48-53 kW) Eng.OM616.937,939	81-95	PA406			616 200 04 20,616 200 07 20
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PA105	PA406	PA407	PA448
PA617	PA708	PA709	PA710
PA870	PA871	PA873	PA908
PA1006			

		GRAF ref.			NOTE	Ad. OE
208D (58-60 kW) Eng.OM601.940	89-95	PA448				602 200 00 20,602 200 02 20
209D (65 kW) Eng.OM617.913	82-89	PA407				617 200 05 20,617 200 06 20 617 200 07 20

Trasporter (BM602) '05/77-'01/95

307D (53 kW) Eng.MB616.937/.939	77-81	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	81-90	PA406				616 200 04 20,616 200 07 20
308D (58-60 kW) Eng.MB601.940	83-95	PA448				602 200 00 20,602 200 02 20
309D (65 kW) Eng.MB617.913	82-89	PA407				617 200 05 20,617 200 06 20 617 200 07 20
310D (70-72 kW) Eng.MB601.940	83-95	PA448				602 200 00 20,602 200 02 20

Trasporter (BM611) '06/73-'01/95

407D (52-64 kW) Eng.MB616.910,917	73-81	PA105			w/RB	110 200 01 20,110 200 09 20 110 200 17 20
	81-90	PA406				616 200 04 20,616 200 07 20
408D (57-59 kW) Eng.MB601.940	83-95	PA448				602 200 00 20,602 200 02 20
409D (52-64 kW) Eng.MB617.913	81-89	PA407				617 200 05 20,617 200 06 20 617 200 07 20
410D Eng.MB601.940	83-95	PA448				602 200 00 20,602 200 02 20

Trasporter (BM667) '06/81-'01/95

508D (57-59 kW) Eng.MB601.940	83-95	PA448				602 200 00 20,602 200 02 20
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Vito I (638) '03/97-

108 CDI 2.2 (60 kW) Eng.OM611A	3/99-	PA908				611 200 04 01,611 200 10 01
110 CDI 2.2 (75 kW) Eng.OM611LA	3/99-	PA908				611 200 04 01,611 200 10 01
112 CDI 2.2 (90 kW) Eng.OM611.980	3/99-	PA908				611 200 04 01,611 200 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 01,111 200 25 01 111 200 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 01,111 200 25 01 111 200 39 01
280i VR6 (128 kW) Eng.M104.900	98-	PA617	•			000 200 03 01

Vito II (W639) '09/03-

109 CDI 2.2 (65 kW)	03-	PA1006				646 200 10 01
111 CDI 2.2 (80 kW) Eng.OM646.982	03-	PA1006				646 200 10 01
115 CDI 2.2 (110 kW) Eng.OM646.982	03-	PA1006				646 200 10 01
119 (140 kW) Eng.M112.951	03-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
						112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
						112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01
123 (170 kW) Eng.M112.976	04-	PA710				112 200 01 23,112 200 02 01 112 200 04 01,112 200 11 01 112 200 14 01

MERCEDES TRUCK
LP-LPK-LPS '01/67-'03/77

911 (81 kW) Eng.OM352.907/353.909	67-77	PA870				353 200 56 01
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Serie LK-LN2 '01/84-'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-'09/96

1222,1226,1234 Eng.OM445,441	89-96	PA873				403 200 71 01
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PA870



PA871



PA872



PA873



PA874



PA890

		GRAF ref.		NOTE	Ad. OE
1224, 1226, 1227 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
1424, 1427, 2426, 2524, 2527, 2531 Eng.OM401	87-96	PA873			403 200 71 01
1717, 1720, 1722, 1820, 2420 Eng.OM356,357	87-96	PA871			366 200 59 01
1733, 1824, 1827, 1831, 1834 Eng.OM445, 441	87-96	PA873			403 200 71 01
2524, 2527, 2531, 2534, 2426, 2433 Eng.OM445, 441	87-96	PA873			403 200 71 01

Serie NG '08/73-'09/96

1219, 1419, 1619, 1719, 1919, 2219 Eng.OM401	89-96	PA873			403 200 71 01
1222, 1422, 1622, 1922, 2222 Eng.OM421	89-96	PA873			403 200 71 01
1414, 1417, 1420, 1614, 1617, 1620, 2220 Eng.OM366	84-91	PA871			366 200 59 01
1417 Eng.OM353	75-84	PA870			353 200 56 01
1424, 1624, 1626, 1926 Eng.OM402	75-87	PA873			403 200 71 01
1425, 1625, 1628, 1633, 1635, 1638, 1644 Eng.OM422	5/80-91	PA873			403 200 71 01
1632, 1932, 2032, 2232, 2632 Eng.OM403	73-83	PA873			403 200 71 01
1636, 1936, 2036, 2236, 2636, 3250, 3336 Eng.OM423	81-96	PA873			403 200 71 01
1928, 1933, 1935 Eng.OM422	5/80-91	PA873			403 200 71 01
1938, 1944, 2025, 2028, 2033, 2035 Eng.OM422	5/80-91	PA873			403 200 71 01
2026, 2224, 2226, 2626 Eng.OM402	75-87	PA873			403 200 71 01
2238, 2244, 2225, 2228, 2233, 2235 Eng.OM422	5/80-91	PA873			403 200 71 01
2628, 2633, 2635, 2638, 2644 Eng.OM422	5/80-91	PA873			403 200 71 01
3250, 3850 Eng.OM423	85-96	PA874			422 200 10 01
3328, 3333, 3528, 3535, 3025, 3028, 3228 Eng.OM422	5/80-91	PA873			403 200 71 01
813, 911, 913 Eng.OM352/353	73-96	PA870			353 200 56 01

Serie O (BUS) '04/73-'11/01

301, 402 Eng.OM366	86-91	PA871			366 200 59 01
303 Eng.OM442	87-92	PA872			403 200 73 01
303, 340, 350, 404 Eng.OM402	75-99	PA872			403 200 73 01
303, 404 Eng.OM401	74-99	PA872			403 200 73 01
303, 404 Eng.OM421, 441	85-99	PA872			403 200 73 01
303, 404 Eng.OM422, 446	87-99	PA872			403 200 73 01
305G, ST, 307, 404 Eng.OM407	73-77	PA872			403 200 73 01
405, 407, 408 Eng.OM427, 447	84-01	PA872			403 200 73 01

Serie SK '07/87-'09/96

1729, 1929, 2429, 2629, 2635, 3229 Eng.OM442	87-96	PA873			403 200 71 01
1735, 1748, 1838, 1844, 1935, 1948 Eng.OM440, 446	87-96	PA873			403 200 71 01
1831, 1834 Eng.OM445, 441	89-96	PA873			403 200 71 01
1831, 2024, 2031, 2629, 2631 Eng.OM401	87-96	PA873			403 200 71 01
1838, 1840 Eng.OM402, 440	91-96	PA873			403 200 71 01
1922 Eng.OM441	89-94	PA873			403 200 71 01
2024, 2031, 2631, 3233, 3234, 3534 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
3235, 3238, 3253, 3535, 3538, 3550 Eng.OM440, 446	87-96	PA873			403 200 71 01
3238, 3535 Eng.OM402, 440	91-96	PA873			403 200 71 01

Serie T2 '04/77-'12/88

L613D (96 kW) Eng.OM353	77-88	PA870			353 200 56 01
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Unimog '01/77-'05/88

U1200, T, 1250, 1300, L (92 kW) Eng.OM353	77-88	PA870			353 200 56 01
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MINI
Mini '06/01-

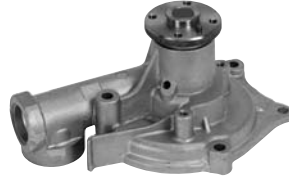
1.4 One D (55 kW) Eng.W17	03-05	PA890			1151 7 790 871
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PA531



PA697



PA702



PA732



PA782



PA789



PA799



PA822



PA860



PA890



PA937



PA978



PA985



PA986



PA994



PA997



PA1000



PA1009



PA1025

		GRAF ref.			NOTE	Ad. OE
1.4 One D (65 kW)	05-	PA890				1151 7 790 871
1.6 Cooper S (120 kW) Eng.W11B16A	02-	PA985				1151 7 520 123
1.6 Cooper, Cabrio (85 kW) Eng.W10	01-	PA860				1151 7 510 803
1.6 One, Cabrio (66 kW) Eng.W10	01-	PA860				1151 7 510 803
Nuova Mini '11/06-						
1.6 Cooper S (128 kW)	06-	PA994				1151 7 550 484

MITSUBISHI

Carisma (DA) '07/95-						
1.6 (66 kW) Eng.4G92	95-	PA937		•		MD313301
1.6 (76 kW)	00-	PA937		•		MD313301
1.6 (70-73 kW) Eng.4G92	97-	PA937		•		MD313301
1.8 (85 kW) Eng.4G93	00-	PA937		•		MD313301
1.8 16v (103 kW) Eng.4G93	00-	PA937		•		MD313301
1.8 16v GDI (92 kW) Eng.4G93(GDI)	00-	PA937		•		MD313301
1.8 GDI (90 kW)	00-	PA937		•		MD313301
1.9 DI-D (75 kW)	00-	PA822		•		MW30620725
1.9 TD (66 kW) Eng.F8QT	96-00	PA531				M345611,M855991
Celeste (A7) '10/75-'06/81						
1.6 ST (A73) (54 kW) Eng.4G32	77-81	PA997				MD009000,MD009019,MD997077,MD997610
Colt (A7) Lancer '01/78-'09/79						
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 '02/84-'04/88						
1.5 GLX (C12A) (51 kW) Eng.G15B	85-88	PA782				MD997611,MD997619,MD997699
1.5 GLX (C12A) (55 kW) Eng.4G15	2/86-88	PA782				MD997611,MD997619,MD997699
1.6 T. ECi (C13A) (77 kW) Eng.G32B	86-88	PA782				MD997611,MD997619,MD997699
1.6 T. ECi (C13A) (92 kW) Eng.4G32T-C	84-88	PA782				MD997611,MD997619,MD997699
1.8 GL D (C14A) (43-44 kW) Eng.4D65	6/86-88	PA789				MD997692
Colt III (C5A) '04/88-'05/92						
1.3 (C51A) (51 kW)	88-90	PA697				MD974649,MD997076
1.3 12v (C51A) (55 kW) Eng.4G13(BJ90-92,12V)	90-92	PA697				MD974649,MD997076
1.3 GL (44 kW) Eng.4G13	88-90	PA697				MD974649,MD997076
1.5 GLXi, Kat (C52A) (62 kW) Eng.4G15	88-90	PA697				MD974649,MD997076
1.5 GLXi, Kat (C52A) (66 kW) Eng.4G15	88-90	PA697				MD974649,MD997076
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
1.8 GTi 16v (C58A) Kat (100 kW) Eng.4G67	90-92	PA702				MD972052,MD997621
Colt IV (CAA) '04/92-'04/96						
1.3 GLi 12v (CA1A) (55 kW) Eng.G13(BJ90-92,12V)	92-96	PA697				MD974649,MD997076
1.6 (66 kW)	94-96	PA937		•		MD313301
1.6 GLXi 16v (CA4A) (83 kW) Eng.4G92	94-96	PA799		•		MD300799
Colt V (CJA) '11/95-'06/04						
1.3 (60 kW)	00-04	PA1009				MD323372,MD365087
1.3 GL, GLX (CJ1A) (55 kW)	96-00	PA1009				MD323372,MD365087
1.5 (CJ2A) (69 kW) Eng.4G15(16V)	95-04	PA1009				MD323372,MD365087
1.6 (76 kW)	00-04	PA732		•		MD309756,MD346790
1.6 GLX (CJ4A) (66 kW)	96-00	PA732		•		MD309756,MD346790
Colt VI '06/04-						
1.1 12v (55 kW) Eng.3A91	04-	PA986				MN143664
1.3 16v (70 kW) Eng.4A90	04-	PA986				MN143664
1.5 16v, CZC Cabrio (80 kW) Eng.4A91	04-	PA986				MN143664
1.5 CZT, CZC Cabrio (110 kW) Eng.4G15T	05-	PA1000				MN155686
1.5 Di-D HP (70 kW) Eng.OM639	04-	PA978				MN960330

PA688	PA700	PA701	PA702
PA776	PA780	PA782	PA789
PA795	PA796	PA799	PA905
PA918	PA922	PA935	PA997
PA999	PA1003		

		GRAF ref.		NOTE	Ad. OE
Cordia (A21A) '10/82-'12/86					
1.6 GSL (A212A) (55 kW) Eng.4G32	82-86	PA782			MD997611,MD997619,MD997699
1.8 GSL (A215A) (66 kW) Eng.4G37	10/86-12/86	PA782			MD997611,MD997619,MD997699
1.8 T. ECI (A213A) (100 kW) Eng.4G62T(ECI)	84-86	PA922			MD011757,MD997081,MD997614
Eclipse I (D2A) '04/91-'11/95					
2.0 i 16v, 4WD (D22A) (110 kW) Eng.4G63	91-95	PA702			MD972052,MD997621
Eclipse II (D3) '12/95-					
2.0 GS 16v (107 kW)	12/95-	PA688		•	MD4667660
2.0 GT 16v (157 kW)	12/95-	PA688		•	MD4667660
2.4 GS 16v (105 kW)	95-	PA918			MD971538,MD972050
Galant I (A12) '01/77-'08/80					
1.6, SW (55 kW) Eng.4G32	77-80	PA997			MD009000,MD009019,MD997077,MD997610
Galant II (A16/V), SW '09/80-'05/84					
1.6 GLX (A161A) (55 kW) Eng.4G32	80-84	PA997			MD009000,MD009019,MD997077,MD997610
2.0 GLS (A163) (75 kW) Eng.4G63	80-84	PA780			MD997079,MD997080,MD997612/3/5
2.0 T. ECI (A164) (Exc. SW) (125 kW) Eng.4G63T(ECI)	82-84	PA795		•	MD997244
2.3 TD (A167) (62 kW) Eng.4D55T	80-84	PA700			MD972001
2.3D Eng.4D55	80-84	PA782			MD997611,MD997619,MD997699
Galant III (E1A) '06/84-'12/87					
1.6 GLX (E11A) (55 kW) Eng.4G32	84-87	PA782			MD997611,MD997619,MD997699
1.8 (E12A) (60-66 kW) Eng.4G37	84-85	PA782			MD997611,MD997619,MD997699
1.8 T. (E13A) (100 kW) Eng.G62B	86-87	PA922			MD011757,MD997081,MD997614
2.0 GLS (E15A) (66 kW) Eng.G63B	86-87	PA922			MD011757,MD997081,MD997614
2.0 GLS (E15A) (75 kW) Eng.4G63	84-87	PA922			MD011757,MD997081,MD997614
2.0 T. ECI (E15A) (110 kW) Eng.4G63T	84-85	PA922			MD011757,MD997081,MD997614
2.4 GLS (E16A) (82 kW) Eng.G64B	85-87	PA700			MD972001
Galant IV (E3A) '11/87-'10/92					
1.6 (E31A) (60 kW) Eng.4G63	88-90	PA782			MD997611,MD997619,MD997699
1.8 (E32A) (63-66 kW) Eng.4G37	87-92	PA782			MD997611,MD997619,MD997699
1.8 TD (E34A) (55 kW) Eng.4D65	88-92	PA789			MD997692
2.0 GTi 4WD (E39A) (106 kW) Eng.4G63	87-92	PA776			MD972053,MD997622
2.0, 16v (E33A) (80 kW) Eng.4G63	88-92	PA702		Eng. DOHC	MD972052,MD997621
	88-92	PA776		Eng. SOHC	MD972053,MD997622
Galant V (E5A, E7A, E8A) '11/92-'08/96					
1.8 (E52A) (85 kW) Eng.4G93	94-96	PA799		•	MD300799
1.8 GLSI (E52A) (93 kW) Eng.4G93(GDI)	92-96	PA799		•	MD300799
2.0 GLSI, 4WD (E75A,E55A) (101 kW) Eng.4G63	92-96	PA918			MD971538,MD972050
2.0 TD (E57A) (66 kW) Eng.4D68	92-96	PA918			MD971538,MD972050
2.0 V6-24 (E54A) (110 kW) Eng.6A12	92-96	PA935		•	MD302010
Galant VI (EA), SW '09/96-					
2.0 (98 kW)	00-	PA999			MD974899,MD976464,MD976943
2.0 (100 kW)	96-00	PA999			MD974899,MD976464,MD976943
2.0 TDI (EA6A) (66 kW) Eng.4D68SOHC	96-	PA796			MD971539,MD972054
2.4 GDI (106-110 kW)	99-	PA999			MD974899,MD976464,MD976943
2.5 V6 24v (EA5A) (118-120 kW) Eng.6A13	96-	PA935		•	MD302010
Grandis '04/04-					
2.0 DI-D (100 kW)	05-	PA905		•	MN980134
2.4 (121 kW)	04-	PA1003			MD978552
L 200 (KT) '11/86-					
2.5 TD 4WD (98 kW)	03-	PA701			MD972002,MD974999,MD997686
2.5 TD 4WD (K34T) (64 kW) Eng.4D56T	93-96	PA701			MD972002,MD974999,MD997686
2.5 TD 4WD (K74T) (73-74-85 kW)	96-	PA701			MD972002,MD974999,MD997686



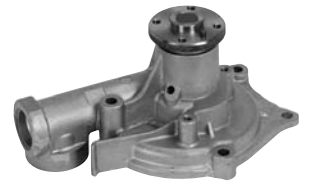
PA697



PA700



PA701



PA702



PA732



PA780



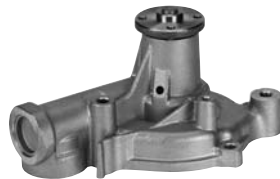
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PA997



PA1003



PA1009

		GRAF ref.			NOTE	Ad. OE
Lancer I (A17) / Mirage '09/79-'02/83						
1.2 (A171) (40 kW) Eng.4G11	80-81	PA997				MD009000,MD009019,MD997077,MD997610
1.4 GLX (A172) (50 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				MD974649,MD997076
Lancer II F (A17)/ Mirage '03/83-'01/84						
1.2 GLX (A171) (40 kW) Eng.4G11	83-84	PA697				MD974649,MD997076
1.4 GLX (A172) (51 kW) Eng.4G12	93-84	PA697				MD974649,MD997076
1.4 T. (77 kW) Eng.4G12	83-84	PA697				MD974649,MD997076
Lancer III (C1A, C6A)/ Mirage '11/83-'06/92						
1.2 GL (C15AS/C65A) (40-44 kW) Eng.4G16	84-88	PA697				MD974649,MD997076
1.3 (C11) (51 kW) Eng.4G13B	90-92	PA697				MD974649,MD997076
1.5 (C12AS) (51 kW) Eng.G15B	85-89	PA697				MD974649,MD997076
1.5 (C18A) (55 kW) Eng.G31B	86-88	PA782				MD997611,MD997619,MD997699
1.5 GLX (C12AS) (55-61 kW) Eng.4G15	83-88	PA697				MD974649,MD997076
1.6 T. (C13A) (77-92 kW) Eng.G32B	83-88	PA782				MD997611,MD997619,MD997699
Lancer III (C1V, C3V) SW/ Mirage '01/84-'06/92						
1.5 (C12V) (51 kW) Eng.G15B	85-89	PA697				MD974649,MD997076
1.5 12v (C12V) (66 kW) Eng.4G15(12V)	90-91	PA697				MD974649,MD997076
1.8 D (C14V) (43-44 kW) Eng.4D65	6/86-88	PA789				MD997692
Lancer IV (C6A, C7A)/ Mirage '04/88-'05/94						
1.3 (C61A) (44-51 kW) Eng.4G13	88-92	PA697				MD974649,MD997076
1.3 12v (C61A) (55 kW) Eng.4G13(BJ90-92,12V)	92-94	PA697				MD974649,MD997076
1.5, 12v (62-66 kW) Eng.4G15	88-92	PA697				MD974649,MD997076
1.6 GLi 16v (C66A) (83 kW) Eng.4G92	92-94	PA799		•		MD300799
1.8 D (C64A) (44 kW) Eng.4D65	88-92	PA789				MD997692
1.8 GLXi 4WD (C77A) (71 kW) Eng.4G37	89-92	PA782				MD997611,MD997619,MD997699
1.8 GTi 16v (C68A) (100 kW) Eng.4G67	89-92	PA702				MD972052,MD997621
Lancer V (CB/DA) SW/ Mirage '06/92-'11/95						
1.6 16v, 4WD, GLXi (CB/CD4W) (83 kW) Eng.4G92	92-95	PA697				MD974649,MD997076
Lancer V (CB/DA)/ Mirage '06/92-'11/95						
1.3 (CB1A) (55 kW) Eng.G13(BJ90-92,12V)	92-95	PA697				MD974649,MD997076
1.6 (66 kW)	94-95	PA935		•		MD302010
1.8 16v (CB5A) (88 kW) Eng.4G93	92-95	PA799		•		MD300799
2.0 D (CB8A) (50 kW) Eng.4D68	92-95	PA796				MD971539,MD972054
Lancer VI (CK/PA) '12/95-						
1.3 12v GL, GLX (CK1A) (55 kW)	95-	PA1009				MD323372,MD365087
1.5 16v (CK2A) (69 kW) Eng.4G15(16V)	95-	PA1009				MD323372,MD365087
1.6 16v (CK4A) (66 kW) Eng.4G92	95-	PA732		•		MD309756,MD346790
2.0 16v EVO VIII (195 kW)	04-	PA1003				MD978552
2.0, SW (99 kW)	03-	PA1003				MD978552
Outlander I '05/03-						
2.0 4WD (100-177 kW)	03-	PA1003				MD978552
2.4 4WD (118 kW)	03-	PA1003				MD978552
Pajero I (L04G, L14G) '12/82-'12/91						
2.3 TD (L043G, L048G) (62 kW) Eng.4D55	82-86	PA700				MD972001
2.5 TD (L044G, L049G) (62-64-70 kW) Eng.4D56T	86-91	PA700				MD972001
3.0 V6 (L141G, L146G) (104 kW) Eng.6G72	88-90	PA795		•		MD997244
Pajero II (V2W, V4W) '12/90-'04/00						
1.8 GDI (96 kW) Eng.4G93(GDI)	98-00	PA732		•		MD309756,MD346790
2.4 (82 kW) Eng.4G64	91-4/92	PA780				MD997079,MD997080,MD997612/3/5
2.5 TD (V24C, V24W) (73 kW) Eng.4D56TD	90-00	PA701				MD972002,MD974999,MD997686
2.8 TD (V46W) (92 kW) Eng.4M40	94-00	PA930				ME200411,ME993473,ME996789



PA701



PA732



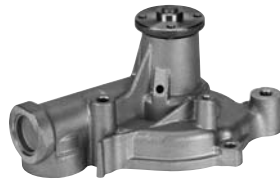
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PA822



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PA920



PA922



PA930



PA997



PA999



PA1012



PA1016

		GRAF ref.			NOTE	Ad. OE
2.8 TD (V46W) (92 kW) Eng.4M40	94-00	PA1016				ME993474
3.0 V6 (V23W, V43W, V23C) (110 kW) Eng.6G72	90-95	PA795		•		MD997244
3.5 V6 24v (V25W, V45W) (153 kW) Eng.6G74	94-97	PA920	•	•		MD972440
Pajero III (V60) '04/00-						
3.2 DI-D (118 kW)	00-	PA930				ME200411,ME993473,ME996789
3.2 DI-D (121 kW)	00-	PA930				ME200411,ME993473,ME996789
3.5 V6 GDI (149 kW)	00-	PA1012	•	•		MD977503,MD979171
Pajero III Classic (V2W) '07/02-						
2.5 TD (85 kW)	02-	PA701				MD972002,MD974999,MD997686
3.2 DI-D 4WD (118 kW)	05-	PA930				ME200411,ME993473,ME996789
Pajero Pinin (H6W, H7W) '10/99-						
1.8 (84 kW)	01-	PA732		•		MD309756,MD346790
1.8 GDI (H66W) (88 kW) Eng.4G93(GDI)	99-	PA732		•		MD309756,MD346790
Pajero Sport (K90) '11/98-						
2.5 TD (73-85 kW)	98-	PA701				MD972002,MD974999,MD997686
3.0 V6 (123 kW) Eng.6G72	03-	PA1012	•	•		MD977503,MD979171
3.0 V6 (125 kW)	00-	PA1012	•	•		MD977503,MD979171
3.0 V6 (130 kW)	98-	PA1012	•	•		MD977503,MD979171
Sapporo I (A12) '04/78-'07/80						
1.6 SL, GL (A121) (55 kW) Eng.4G32	78-80	PA997				MD009000,MD009019,MD997077,MD997610
Sapporo II (A16A) '08/80-'09/84						
1.6 GLX (A161A) (55 kW) Eng.4G32	80-84	PA997				MD009000,MD009019,MD997077,MD997610
1.8 (A162) Eng.G62B	81-83	PA780				MD997079,MD997080,MD997612/3/5
2.0 GSL (A164A) (75-82 kW) Eng.4G63	80-83	PA780				MD997079,MD997080,MD997612/3/5
2.3 TD (A167) (62 kW) Eng.4D55T	80-84	PA782				MD997611,MD997619,MD997699
Sapporo III (E16A) '06/87-'08/90						
1.6 (E11A) Eng.G32B	84-87	PA782				MD997611,MD997619,MD997699
Sigma II '01/80-'10/87						
1.6 (E11A) Eng.G32B	3/84-10/87	PA782				MD997611,MD997619,MD997699
2.0 (A168V) Eng.G63B	9/81-9/86	PA780				MD997079,MD997080,MD997612/3/5
2.3D Eng.4D55	4/80-83	PA782				MD997611,MD997619,MD997699
Space Gear (PA/B/DV/W) '05/95-						
2.5 TD (PA5V/W, PB5V) (64 kW) Eng.4D56T	95-	PA701				MD972002,MD974999,MD997686
Space Runner I (N1W, N2W) '10/91-'08/99						
2.0 16v (98 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) '08/99-						
2.0 (100 kW)	99-	PA999				MD974899,MD976464,MD976943
2.4 GDI (110 kW) Eng.4G64(GDI)	99-	PA999				MD974899,MD976464,MD976943
Space Star (DG0) '06/98-						
1.8 GDI (82 kW)	02-	PA732		•		MD309756,MD346790
1.8 GDI (87 kW)	98-	PA732		•		MD309756,MD346790
1.8 GDI (90 kW) Eng.4G93(GDI)	98-	PA732		•		MD309756,MD346790
1.9 DI-D (75 kW)	2/01-	PA822		•		MW30620725
1.9 DI-D (85 kW) Eng.F9Q2	02-	PA822		•		MW30620725
Space Wagon I (D0V/W) '01/83-'04/91						
1.6 (D02W) Eng.G32B	83-86	PA782				MD997611,MD997619,MD997699
1.8 (D03W) (100 kW) Eng.G62B	83-86	PA922				MD011757,MD997081,MD997614
1.8 (D05W) (66 kW) Eng.4G37	83-91	PA782				MD997611,MD997619,MD997699
1.8 4WD (D05V) (66 kW) Eng.4G37	84-88	PA782				MD997611,MD997619,MD997699
2.0 4WD (D08W) (62 kW) Eng.G63B	86-88	PA922				MD011757,MD997081,MD997614
2.0 4WD (D08W) (74-75 kW) Eng.4G63	85-91	PA922				MD011757,MD997081,MD997614

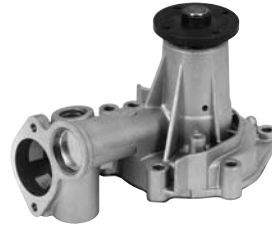


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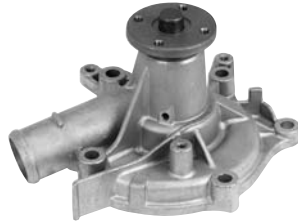
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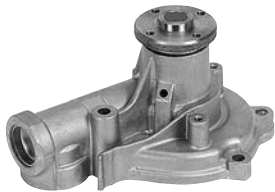
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PA997



PA999

		GRAF ref.			NOTE	Ad. OE
2.0 GLX (D04W) (62 kW) Eng.G63B	86-88	PA795			•	MD997244
Space Wagon II (N3W, N4W) '10/91-'10/98						
1.8, 4WD (N41W, N31W) (90 kW) Eng.4G93	5/91-5/92	PA799			•	MD300799
2.0 GLXi, 4WD (N33W, N43W) (98 kW) Eng.4G63	92-98	PA918				MD971538,MD972050
2.0 TD GLX (N38W) (60 kW) Eng.4D68T	92-98	PA796				MD971539,MD972054
2.4 i, 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 GDI (98 kW)	02-	PA999				MD974899,MD976464,MD976943
2.4 GDI, 4WD (108 kW)	00-	PA999				MD974899,MD976464,MD976943
2.4 GDI, 4WD (110 kW) Eng.4G64(GDI)	98-	PA999				MD974899,MD976464,MD976943
Tredia (A21) '09/82-'10/87						
1.6 GLS (A212) (55 kW) Eng.4G32	82-87	PA782				MD997611,MD997619,MD997699
1.8 GLS (A215) (66 kW) Eng.4G37	84-86	PA782				MD997611,MD997619,MD997699
1.8 T. (A213A) (100 kW) Eng.G62B	84-86	PA922				MD011757,MD997081,MD997614

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L 300 I (L03P/G, L02P) '05/80-'04/94						
1.6 (L032P, L062P) (48 kW) Eng.4G32	80-86	PA997				MD009000,MD009019,MD997077,MD997610
1.6 (L032P, L062P) (51 kW) Eng.4G32	83-94	PA997				MD009000,MD009019,MD997077,MD997610
2.0 4WD (L037G) (65 kW) Eng.4G63	86-87	PA780				MD997079,MD997080,MD997612/3/5
L 300 II (P0W, P1W, P2W) '11/86-						
1.6 (P02V, P12V) (51 kW) Eng.4G32	00-	PA997				MD009000,MD009019,MD997077,MD997610
2.0 (P03V/W, P13V) (64 kW) Eng.G63B	86-	PA780				MD997079,MD997080,MD997612/3/5
2.5 TD (P15T) (64 kW) Eng.4D56T	94-	PA700				MD972001
L 400 (PAOV) '06/96-						
2.5 TD, 4WD (64 kW) Eng.4D56T	96-	PA700				MD972001

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100 NX (B13) '03/90-'10/94						
1.6 (66 kW) Eng.GA16DS	10/90-94	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
1.6 SR (75 kW) Eng.GA16DE	93-94	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
2.0 GTI (105 kW) Eng.SR20DE	91-94	PA508				21010-53J00/1/3/4,21010-70J00 21010-9F501
200 SX (S14) '10/93-						
2.4 i (115 kW) Eng.Z14I	93-	PA927				21010-40F25/7
Almera I (N15) '09/95-'07/00						
1.4, GX,LX (55-64 kW) Eng.GA14DE	95-00	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
1.6, SLX (66-73 kW) Eng.GA16DE	95-00	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
2.0 D (55 kW) Eng.CD20	95-00	PA703				21010-57J01/2/3/25/26
2.0 GTi (105 kW) Eng.SR20DE	96-00	PA508				21010-53J00/1/3/4,21010-70J00 21010-9F501
Almera II (N16) '07/00-						
1.8 (84-85 kW) Eng.QG18DE	3/00-	PA830				21010-9F605
2.2 Di (81 kW) Eng.YD22DDT	7/00-	PA823				21010-AD200/225
2.2 dCi (82 kW) Eng.YD22DDT	03-	PA823				21010-AD200/225
2.2 dCi (100 kW)	03-	PA823				21010-AD200/225
Almera Tino (V10) '08/00-						
1.8 (84-85 kW) Eng.QG18DE	8/00-	PA830				21010-9F605
2.0 (100 kW) Eng.SR20DE	8/00-	PA508				21010-53J00/1/3/4,21010-70J00 21010-9F501



PA101



PA201



PA202



PA435



PA508



PA777



PA784



PA788



PA823

		GRAF ref.			NOTE	Ad. OE
2.2 Di (84 kW) Eng.YD22DDTi	00-	PA823				21010-AD200/225
2.2 dCi (100 kW)	03-	PA508				21010-53J00/1/3/4,21010-70J00 21010-9F501
Bluebird (510) '01/68-'12/73						
1.3	68-73	PA202				21010-21000,21010-21025/6,21010-21088
1.4	68-73	PA202				21010-21000,21010-21025/6,21010-21088
1.6	68-73	PA202				21010-21000,21010-21025/6,21010-21088
Bluebird (610) '07/74-'11/79						
1.8 (65 kW) Eng.L18	74-79	PA202				21010-21000,21010-21025/6,21010-21088
Bluebird (710) '07/74-'01/77						
1.8	74-77	PA202				21010-21000,21010-21025/6,21010-21088
Bluebird (T72 , T12) '12/85-'06/91						
1.6 (61 kW) Eng.CA16S	3/86-6/86	PA777				21010-D0104,21010-D0125/6
	7/86-90	PA435				21010-06E25/6,BA010-06E26
1.8 T. (99 kW) Eng.CA18T	12/85-6/86	PA777				21010-D0104,21010-D0125/6
1.8 i 16v (RLT72) (95 kW) Eng.CA18D	89-90	PA435				21010-06E25/6,BA010-06E26
1.8i (65 kW) Eng.CA18I	87-90	PA784				21010-71E26/7/8
2.0 (T12) (75 kW) Eng.CA20S	12/85-7/86	PA777				21010-D0104,21010-D0125/6
	7/86-12/87	PA435				21010-06E25/6,BA010-06E26
2.0 D (SLT72, T12) (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.CA20EKAT	88-90	PA435				21010-06E25/6,BA010-06E26
Bluebird (U11) '11/83-'12/90						
1.8 (66 kW) Eng.CA18S	83-86	PA777				21010-D0104,21010-D0125/6
1.8 T. (99 kW) Eng.CA18T	7/86-90	PA435				21010-06E25/6,BA010-06E26
	84-6/86	PA777				21010-D0104,21010-D0125/6
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 TD (57 kW) Eng.LD20T	84-90	PA788				21010-05E25/6/7
2.0 i kat (77 kW) Eng.CA20EKAT	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
Cherry (920) '05/82-'12/85						
1.5 (55 kW)	82-85	PA101			Alfa Romeo	21010-R7400
	82-85	PA201				21010-18025,21010-H1025/6,21010-H5000 21010-H5025/6/8,21010-M6625/6 BA010-M6686
Cherry (N10) '08/78-'12/83						
1.0 (32 kW) Eng.A10S	78-81	PA201				21010-18025,21010-H1025/6,21010-H5000 21010-H5025/6/8,21010-M6625/6 BA010-M6686
1.2, Coupé, SW (38 kW) Eng.A12	78-81	PA201				21010-18025,21010-H1025/6,21010-H5000 21010-H5025/6/8,21010-M6625/6 BA010-M6686
1.3, Coupé, SW (44 kW) Eng.E13	81-83	PA201				21010-18025,21010-H1025/6,21010-H5000 21010-H5025/6/8,21010-M6625/6 BA010-M6686
1.4, Coupé, SW (59 kW) Eng.A14S	80-81	PA201				21010-18025,21010-H1025/6,21010-H5000 21010-H5025/6/8,21010-M6625/6 BA010-M6686
Cherry (N12) '05/82-'12/86						
1.3 (44 kW) Eng.E13	82-86	PA201				21010-18025,21010-H1025/6,21010-H5000 21010-H5025/6/8,21010-M6625/6 BA010-M6686
	83-86	PA101			Alfa Romeo	21010-R7400
1.5 (55 kW) Eng.E15S	82-86	PA201				21010-18025,21010-H1025/6,21010-H5000 21010-H5025/6/8,21010-M6625/6 BA010-M6686
	83-86	PA101			Alfa Romeo	21010-R7400



PA201



PA202



PA203



PA436



n° 20 Denti/Teeth

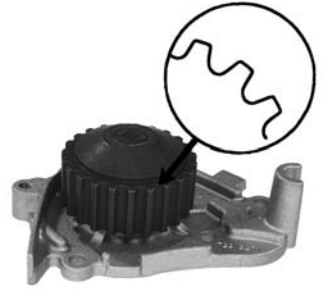
PA491



PA537



PA602



PA611



PA648



PA821



PA882

		GRAF ref.			NOTE	Ad. OE
Cherry I (E10) '09/70-'09/78						
1.0 (33 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) '01/76-'10/78						
1.0 (32 kW)	76-78	PA201				21010-18025,21010-H1025/6,21010-H5000 21010-H5025/6/8,21010-M6625/6 BA010-M6686
1.1 (38 kW)	76-78	PA201				21010-18025,21010-H1025/6,21010-H5000 21010-H5025/6/8,21010-M6625/6 BA010-M6686
Laurel (HLC230) '03/77-'05/83						
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
Laurel (JC31) '01/81-'12/85						
1.8 Eng.L18	80-84	PA202				21010-21000,21010-21025/6,21010-21088
Maxima (J30) '10/88-'06/94						
3.0 i (125 kW) Eng.VG30E	88-94	PA602				21010-16E02/25/26
Maxima Qx (A32) '01/95-'08/00						
2.0 (103 kW) Eng.VQ20DE	95-00	PA648				21010-31U25/6/7
3.0 (142 kW) Eng.VQ30DE	95-00	PA648				21010-31U25/6/7
Maxima Qx (A33) '10/97-						
2.0 V6 24v, SW (103 kW) Eng.VQ20DE	97-	PA648				21010-31U25/6/7
3.0 V6 24v (147 kW) Eng.VQ30DE	00-	PA648				21010-31U25/6/7
Micra I (K10) '12/82-'07/92						
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
1.2 (40-44 kW) Eng.MA12S	1/89-92	PA611		•		21010-19B25,21010-24B25
	86-12/88	PA436		•		21010-01B25/6/7/8
Micra II (K11) '08/92-'02/03						
1.0 i 16v (40 kW) Eng.CG10DE	92-00	PA537				21010-99B00
1.0 i 16v (44 kW) Eng.CG10DE	00-03	PA537				21010-99B00
1.3 i 16v (55 kW) Eng.CG13DE	92-00	PA537				21010-99B00
1.5 D (42 kW) Eng.TD15	98-03	PA491		•		21010-6F900/6/7
Micra III (K12) '01/03-						
1.0 16V (48 kW)	03-	PA882				21010-BX000
1.2 16v (48 kW)	03-	PA882				21010-BX000
1.2 16v (59 kW) Eng.CR12DE	03-	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,21010-00QAT,21010-BN700
1.5 dCi (60 kW) Eng.K9K	03-	PA821		•		21010-00QAS,21010-00QAT,21010-BN700
Micra III Cabrio '08/05-						
1.4 16V (65 kW)	05-	PA882				21010-BX000
Note '03/06-						
1.4 (65 kW)	06-	PA882				21010-BX000
1.5 dCi (50 kW)	06-	PA821		•		21010-00QAS,21010-00QAT,21010-BN700
1.5 dCi (63 kW)	06-	PA821		•		21010-00QAS,21010-00QAT,21010-BN700
Pathfinder II (R50) '09/97-						
3.3 V6 4WD (110 kW) Eng.VG33E	98-00	PA648				21010-31U25/6/7



PA203



PA434



PA435



**Girante / Impeller
h 10,3**

PA493A



PA508



PA539



PA703



PA777



PA781



PA784



PA830

		GRAF ref.			NOTE	Ad. OE
Patrol I (W/K160) SW, Hardtop '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
3.2 D (81 kW) Eng.SD33T	88-90	PA781				21010-61504/5,21010-61526/7/8/9 21010-61585
3.3 D (70 kW) Eng.SD33	79-88	PA781				21010-61504/5,21010-61526/7/8/9 21010-61585
3.3 TD (81 kW) Eng.SD33T	83-88	PA781				21010-61504/5,21010-61526/7/8/9 21010-61585
Patrol I (Y60) Gr '09/88-'06/97						
2.8 TD (Y60A) (85 kW) Eng.RD28T	88-97	PA539				21010-22J00/26,21010-28J25/6 BA010-22J25
Prairie (M10, NM10) '07/83-'09/88						
1.5 S (M10) (55 kW) Eng.E15S	84-87	PA434				21010-01M00/1/25,21010-50A25/6/7/8 21010-50A94
1.8 SGL (M10) (65-66 kW) Eng.CA18S	7/83-6/86	PA777				21010-D0104,21010-D0125/6
	7/86-87	PA435				21010-06E25/6,BA010-06E26
2.0 2WD (NM10) (68 kW) Eng.CA20S	7/83-6/86	PA777				21010-D0104,21010-D0125/6
	7/86-88	PA435				21010-06E25/6,BA010-06E26
2.0 4WD (NM10) (68 kW) Eng.CA20S	7/86-88	PA435				21010-06E25/6,BA010-06E26
Prairie Pro (M11) '10/88-'07/94						
2.0 i (72 kW) Eng.CA20EKat.	88-92	PA784				21010-71E26/7/8
2.0 i 4WD (72 kW) Eng.CA20EKat.	88-92	PA784				21010-71E26/7/8
Primera I (P10) '06/90-'06/96						
1.6 (66 kW) Eng.GA16DE/DS	90-96	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
1.6 (71 kW)	90-96	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
1.6 (75 kW) Eng.GA16DE	93-96	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
2.0 16v, 4WD (85 kW) Eng.SR20DI(SPI)	90-96	PA508				21010-53J00/1/3/4,21010-70J00 21010-9F501
2.0 D (55 kW) Eng.CD20	91-96	PA703				21010-57J01/2/3/25/26
2.0 GT (110 kW) Eng.SR20DEEGIKat.	90-96	PA508				21010-53J00/1/3/4,21010-70J00 21010-9F501
2.0 i (92 kW) Eng.SR20DE	95-96	PA508				21010-53J00/1/3/4,21010-70J00 21010-9F501
Primera I (W10) SW/ Avenir '07/90-'03/98						
1.6 i (66-75 kW) Eng.GA16DE/DS	90-98	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
2.0 4WD Eng.SR20DE	90-95	PA508				21010-53J00/1/3/4,21010-70J00 21010-9F501
2.0 D (55 kW) Eng.CD20	90-95	PA703				21010-57J01/2/3/25/26
2.0 i (85 kW) Eng.SR20DI(SPI)	90-98	PA508				21010-53J00/1/3/4,21010-70J00 21010-9F501
Primera II (P11) '09/96-'02/02						
1.6 16v (78 kW) Eng.QG16DE	9/00-02	PA830				21010-9F605
1.6 16v (66-73 kW) Eng.GA16DE	6/96-02	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
1.8 16v (84 kW) Eng.QG18DE	8/99-02	PA830				21010-9F605
2.0 16v (96 kW) Eng.SR20DE(MPI)	6/96-02	PA508				21010-53J00/1/3/4,21010-70J00 21010-9F501
2.0 16v (103 kW)	99-02	PA508				21010-53J00/1/3/4,21010-70J00 21010-9F501
2.0 TD (66 kW) Eng.CD20T	6/96-02	PA703				21010-57J01/2/3/25/26



PA201



PA434



PA435



**Girante / Impeller
h 10,3**

PA493A



PA508



**Girante / Impeller
h 10,45**

PA538



PA540



PA635



PA660



PA703



PA770



PA777



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PA830



PA907

		GRAF ref.			NOTE	Ad. OE
Primera II (WP11) SW '04/98-'02/02						
1.6 16v (66-73 kW) Eng.GA16DE	98-02	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
1.8 16v (84 kW) Eng.QG18DE	99-02	PA830				21010-9F605
2.0 16v (96 kW) Eng.SR20DE(MPI)	98-02	PA508				21010-53J00/1/3/4,21010-70J00 21010-9F501
2.0 TD (66 kW) Eng.CD20T	98-02	PA703				21010-57J01/2/3/25/26
Primera III (P12), SW '03/02-						
1.6 (78 kW) Eng.QG16DE	02-	PA830				21010-9F605
1.8 (85 kW) Eng.QG18DE	02-	PA830				21010-9F605
1.9 dCi (88 kW)	03-	PA907		•		21010-AW300
2.2 Di (93 kW) Eng.YD22DDTI	02-	PA823				21010-AD200/225
2.2 dCi (102 kW)	03-	PA823				21010-AD200/225
Pulsar I/ Langley '08/78-'12/83						
1.2, Coupé, 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, Coupé, 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 '06/86-'10/91						
1.3 (44 kW) Eng.E13S	86-91	PA434				21010-01M00/1/25,21010-50A25/6/7/8 21010-50A94
1.4 LX (55 kW) Eng.GA14S	88-91	PA538				21010-77A00
1.5, SW, Coupé (52 kW) Eng.E15S	86-88	PA434				21010-01M00/1/25,21010-50A25/6/7/8 21010-50A94
1.6 GTI 16v, Coupé (81 kW) Eng.CA16D	87-88	PA435				21010-06E25/6,BA010-06E26
1.6 i 12V, SW, Coupé, 4WD (66 kW) Eng.GA16i	88-91	PA538				21010-77A00
1.6 i, 4WD, Coupé, SW (54 kW) Eng.E16i	86-90	PA434				21010-01M00/1/25,21010-50A25/6/7/8 21010-50A94
1.6, SW, Coupé (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
1.8 GTI 16v, Coupé (92 kW) Eng.CA18D	89-91	PA435				21010-06E25/6,BA010-06E26
Serena (C23M) '11/92-						
1.6 16v (71 kW) Eng.GA16DE	93-	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
2.0 16v (93 kW) Eng.SR20DE	92-	PA508				21010-53J00/1/3/4,21010-70J00 21010-9F501
2.0 D (49 kW) Eng.LD20	92-	PA635				21010-G5510,21010-G5526,21010-G5585/6 21010-G5594,21010-G8125,BA010-G5586
2.3 D (55 kW) Eng.CD23	95-	PA660				21010-9C600
Silvia II (S12) '04/84-'09/88						
1.8 T. (68 kW) Eng.CA18ET	84-88	PA540				21010-V5500,21010-V5525/7/8/9 21010-V5585,21010-W4425/6
Stanza II (T11) '08/81-'12/85						
1.6 (60 kW) Eng.CA16S	81-85	PA777				21010-D0104,21010-D0125/6
1.7 D Eng.CD17T	84-85	PA770		•		21010-54A26/7
1.8, SGL (65-66 kW) Eng.CA18/S	81-85	PA777				21010-D0104,21010-D0125/6
Stanza III (T12)/ Auster '01/86-'12/90						
1.8 (65 kW) Eng.CA18I	1/86-7/86	PA777				21010-D0104,21010-D0125/6
1.8 16v (92-95 kW) Eng.CA18D	88-90	PA788				21010-05E25/6/7
2.0 Eng.CA20S/E	85-86	PA777				21010-D0104,21010-D0125/6
2.0D (44 kW) Eng.LD20	85-	PA788				21010-05E25/6/7



PA201



PA434



PA435



**Girante / Impeller
h 10,3**

PA493A



PA508



**Girante / Impeller
h 10,45**

PA538



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PA770



PA812



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		GRAF ref.			NOTE	Ad. OE
Sunny (140Y, 150Y) '01/70-'02/82						
1.4, SW (HBL310) (48-49 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 (HBL310) (51 kW) Eng.A15	79-82	PA201				21010-18025,21010-H1025/6,21010-H5000 21010-H5025/6/8,21010-M6625/6 BA010-M6686
Sunny I (B) '01/71-'02/82						
120, Pick-up 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 '03/82-'09/87						
1.3, Coupé (44 kW) Eng.E13	82-87	PA434				21010-01M00/1/25,21010-50A25/6/7/8 21010-50A94
1.5, Coupé (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
Sunny III (N13, B12) '06/86-'10/91						
1.3 (44 kW) Eng.E13S	86-91	PA434				21010-01M00/1/25,21010-50A25/6/7/8 21010-50A94
1.4 LX (55 kW) Eng.GA14S	88-91	PA538				21010-77A00
1.5, SW, Coupé (52 kW) Eng.E15S	86-88	PA434				21010-01M00/1/25,21010-50A25/6/7/8 21010-50A94
1.6 GTI 16v, Coupé (81 kW) Eng.CA16D	87-88	PA435				21010-06E25/6,BA010-06E26
1.6 i 12V, SW, Coupé, 4WD (66 kW) Eng.GA16i	88-91	PA538				21010-77A00
1.6 i, 4WD, Coupé, SW (54 kW) Eng.E16i	86-90	PA434				21010-01M00/1/25,21010-50A25/6/7/8 21010-50A94
1.6, SW, Coupé (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
1.8 GTI 16v, Coupé (92 kW) Eng.CA18D	89-91	PA435				21010-06E25/6,BA010-06E26
Sunny IV (N14) '10/90-'06/95						
1.4 i (55 kW) Eng.GA14DE/DS	90-95	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
1.4 i 16v (64 kW) Eng.GA14DE	90-95	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
1.6 i 16v, 4WD, SW (75 kW) Eng.GA16DE	92-95	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
1.6 i, 16v 4WD, SW (66 kW) Eng.GA16DE/DS	90-95	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
1.7D (40 kW) Eng.CD17	5/92-10/93	PA770		•		21010-54A26/7
1.7D 4WD (40 kW) Eng.CD17	5/92-10/93	PA770		•		21010-54A26/7
2.0 D, SW (55 kW) Eng.CD20	90-95	PA703				21010-57J01/2/3/25/26
2.0 GTI 16v (105 kW) Eng.SR20DE	90-95	PA508				21010-53J00/1/3/4,21010-70J00 21010-9F501
Terrano I (WD21) '10/87-'02/96						
2.3 TD Eng.TD23T	2/88-6/93	PA814				21010-43G25/6/7/8/9,21010-43G86
2.4 i 4WD (76 kW) Eng.Z24i	87-93	PA812				21010-80W25/6/7,21010-80W94
2.5 TD Eng.TD25T	87-	PA814				21010-43G25/6/7/8/9,21010-43G86
2.7 D Eng.TD27	87-93	PA814				21010-43G25/6/7/8/9,21010-43G86
2.7 TD 4WD (73 kW) Eng.TD27T	89-93	PA932				21010-0F001/2/3,21010-7F400 21010-80G01,21010-80G25/6/7/8 21010-80G85/9,21010-G2404
3.0 i 4WD (109 kW) Eng.VG30E	90-93	PA813				21010-12G26



PA202



PA203



PA632



PA724A



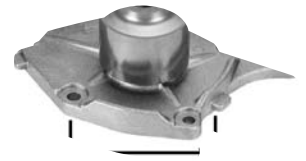
PA803



PA813



PA814



PA821



PA822



PA823



PA927



PA932



PA995

		GRAF ref.			NOTE	Ad. OE
Terrano II (R20) '02/93-						
2.4 4WD (85-87 kW) Eng.KA24E	96-02	PA927				21010-40F25/7
2.4 i 12v 4WD (91 kW) Eng.KA24E	93-96	PA927				21010-40F25/7
2.7 TD 4WD (74 kW) Eng.TD27T	93-02	PA932				21010-0F001/2/3,21010-7F400 21010-80G01,21010-80G25/6/7/8 21010-80G85/9,21010-G2404
2.7 TDi 4WD (92 kW) Eng.TD27TI	96-	PA932				21010-0F001/2/3,21010-7F400 21010-80G01,21010-80G25/6/7/8 21010-80G85/9,21010-G2404
Violet '01/73-'01/81						
1.6 Eng.L16	73-81	PA202				21010-21000,21010-21025/6,21010-21088
X-Trail (T30) '07/01-						
2.2 dCi (84 kW) Eng.YD22DDTi/ETI	01-	PA823				21010-AD200/225
2.2 dCi (100 kW)	03-	PA823				21010-AD200/225

NISSAN LCV

Cabstar (10Q) '01/82-'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 (15Q) '01/82-'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 E '01/98-						
2.7TDI (66 kW) Eng.TD27T	98-	PA995				21010-44G00,21010-44G25/6/7/9 21010-69T02
3.0TDI (78-88 kW) Eng.BD-30Ti	98-	PA995				21010-44G00,21010-44G25/6/7/9 21010-69T02
Interstar '07/02-						
1.9 dCi 80 (60 kW) Eng.F9Q772	6/02-	PA822		•		21010-00QAC
2.2 dCi 90 (66 kW) Eng.G9T722	6/02-	PA803				21010-00QAD
2.5 dCi 120 (84 kW)	02-	PA803				21010-00QAD
Kubistar '08/03-						
1.2 (44 kW)	8/03-	PA632		•		-
1.5 dCi (48-60 kW)	8/03-	PA821		•		21010-00QAS,21010-00QAT,21010-BN700
1.6 16v (70 kW)	8/03-	PA724A		•		-
Pick-Up/King Cab (D21) '09/85-'02/98						
2.4 i 12v (91 kW) Eng.KA24E	92-98	PA927				21010-40F25/7
2.4 i 12v 4WD (93 kW) Eng.KA24E	92-98	PA927				21010-40F25/7
2.4 i 4WD (74 kW) Eng.Z24i	86-92	PA202				21010-21000,21010-21025/6,21010-21088
2.5 D 4WD (53-55 kW) Eng.SD25	87-98	PA995				21010-44G00,21010-44G25/6/7/9 21010-69T02
2.5 TD, 4WD (55-59-61 kW) Eng.TD25	87-98	PA995				21010-44G00,21010-44G25/6/7/9 21010-69T02
2.7 TD 4WD (58-73 kW) Eng.TD27	87-98	PA932				21010-0F001/2/3,21010-7F400 21010-80G01,21010-80G25/6/7/8 21010-80G85/9,21010-G2404
3.0 i V6 4WD (109 kW) Eng.VG30E	90-98	PA813				21010-12G26
Pick-Up/King Cab (D22) '02/98-						
2.4 i, 4WD (88 kW) Eng.KA24E	98-	PA927				21010-40F25/7
2.5 TD, 4WD (61 kW) Eng.TD25	98-	PA814				21010-43G25/6/7/8/9,21010-43G86



PA044



PA201



PA203



PA234



Girante / Impeller
h 10,3

PA493A



PA508



PA635



PA660



PA803



PA822



PA927

		GRAF ref.			NOTE	Ad. OE
Primastar '03/01-						
1.9 dCi 100 (74 kW)	01-	PA822		•		21010-00QAC
1.9 dCi 80 (60 kW)	01-	PA822		•		21010-00QAC
2.0 (88 kW) Eng.F4R722,720	01-	PA822		•		21010-00QAC
2.5 dCi 140 (99 kW) Eng.G9U730	03-	PA803				21010-00QAD
Sunny III (Y10) Van '11/90-						
1.6 i 16v (66 kW) Eng.GA16DE	92-97	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
Urvan I (E23) '07/81-'11/88						
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) '05/87-						
2.0 (64 kW) Eng.Z20	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
Vanette I (C12) '01/83-'12/87						
1.5 (51 kW) Eng.A15	83-87	PA201				21010-18025,21010-H1025/6,21010-H5000 21010-H5025/6/8,21010-M6625/6 BA010-M6686
Vanette II (C22) '10/86-'12/95						
1.5 (51 kW) Eng.A15S	86-95	PA201				21010-18025,21010-H1025/6,21010-H5000 21010-H5025/6/8,21010-M6625/6 BA010-M6686
2.0 Eng.SR20DE	7/92-	PA508				21010-53J00/1/3/4,21010-70J00 21010-9F501
2.0 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 (ULC22) (47-49 kW) Eng.LD20	92-95	PA635				21010-G5510,21010-G5526,21010-G5585/6 21010-G5594,21010-G8125,BA010-G5586
2.4 i (SLC22) (74-77 kW) Eng.Z24i	86-95	PA927				21010-40F25/7
Vanette III Cargo (HC 23) '01/95-						
1.6 i (71-72 kW) Eng.GA16DE	95-	PA493A				21010-0M300/1,21010-53Y00/1 21010-71J00
2.0 D (49 kW) Eng.LD20	95-	PA635				21010-G5510,21010-G5526,21010-G5585/6 21010-G5594,21010-G8125,BA010-G5586
2.3 D (55 kW) Eng.LD23	95-	PA660				21010-9C600

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Admiral A '04/64-'03/69						
2.6 S (74 kW) Eng.26S	64-65	PA044				1334032,1334035,2898355
	64-65	PA234		w/RB		1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.8 HL (103 kW) Eng.28HL	67-69	PA044				1334032,1334035,2898355
	67-69	PA234		w/RB		1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.8 S (92 kW) Eng.28S	65-69	PA044				1334032,1334035,2898355
	65-69	PA234		w/RB		1334032,1334035,1334072,1334081 2898355,90108735,90136224
4.6 (140 kW) Eng.46S	65-69	PA044				1334032,1334035,2898355
	65-69	PA234		w/RB		1334032,1334035,1334072,1334081 2898355,90108735,90136224

			<p>4 fori mozzo / 4-hole hub</p> 
<p>PA044</p>	<p>PA046</p>	<p>PA121</p>	<p>PA150</p>
			
<p>PA234</p>	<p>PA237</p>	<p>PA244</p>	<p>PA441</p>
			
<p>PA729</p>	<p>PA887</p>	<p>PA958</p>	

		GRAF ref.			NOTE	Ad. OE
Admiral B '03/69-'01/78						
2.8 (103-107 kW) Eng.28H	69-76	PA044				1334032,1334035,2898355
	69-76	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.8 E (118-121 kW) Eng.28E	69-78	PA044				1334032,1334035,2898355
	69-78	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.8 S (95-97 kW) Eng.28S	69-78	PA044				1334032,1334035,2898355
	69-78	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
Agila (H00) '09/00-						
1.0 (44 kW) Eng.Z10XEP	03-	PA958				1334145,24469102
1.0 12v (43 kW) Eng.Z10XE	8/00-	PA729	•			1334079,1334130,6334025,90542606
1.2 16v (55 kW) Eng.Z12XE	8/00-	PA729	•			1334079,1334130,6334025,90542606
1.2 16v Twinport (59 kW) Eng.Z12XEP	04-	PA958				1334145,24469102
1.3 CDTI (51 kW) Eng.Z13DT	8/03-	PA887				1334647,6334001
Ascona A '10/70-'08/75						
1.2 S, L (44 kW) Eng.12S	72-75	PA046				1334029,2866233
1.6 N, Voyage (50 kW) Eng.16N	70-75	PA044				1334032,1334035,2898355
	70-75	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.6 S, Voyage (55-59 kW) Eng.16S	70-75	PA044				1334032,1334035,2898355
	70-75	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.9 L, SR, Voyage (65-66 kW) Eng.19S	71-75	PA044				1334032,1334035,2898355
	71-75	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
Ascona B / Cavalier I '09/75-'08/81						
1.2 (40 kW) Eng.12N	76-79	PA150				1334058,9292375
1.2 S (44 kW) Eng.12S	75-79	PA150				1334058,9292375
1.3 N (44 kW) Eng.13N	79-81	PA441	•			1334004,1334023,1334070,90076952 90183273,90349241
1.3 S (55 kW) Eng.13S	79-81	PA441	•			1334004,1334023,1334070,90076952 90183273,90349241
1.6 N (44 kW) Eng.16N	75-81	PA044				1334032,1334035,2898355
	75-81	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.6 S (55 kW) Eng.16S	75-81	PA044				1334032,1334035,2898355
	75-81	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.9 N (55 kW) Eng.19N	76-81	PA044				1334032,1334035,2898355
	76-81	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.9 S (66 kW) Eng.19S	75-81	PA044				1334032,1334035,2898355
	75-81	PA234			w/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
2.0 E (81 kW) Eng.20E	79-81	PA044				1334032,1334035,2898355
	79-81	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.0 N (66 kW) Eng.20N	77-81	PA044				1334032,1334035,2898355
	77-81	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.0 S (74 kW) Eng.20S	77-81	PA044			Ch -C6067585	1334032,1334035,2898355
	77-81	PA234			w/RB, Ch -C6067585	1334032,1334035,1334072,1334081 2898355,90108735,90136224
	77-81	PA244			Ch C6067586-	1334097,90156532

3 fori mozzo / 3-hole hub



PA108



PA235



PA236



PA324



PA325



PA441



PA442



PA443



PA541





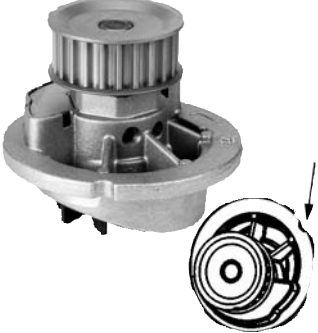


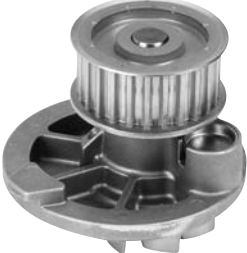














PA572



PA577

		GRAF ref.			NOTE	Ad. OE
Ascona C / Cavalier II '09/81-'08/88						
1.3 N (44 kW) Eng.13N	81-86	PA441		•		1334004,1334023,1334070,90076952 90183273,90349241
1.3 S (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 D (40 kW) Eng.16D/DA	82-88	PA236		•	G.Box -14478630	1334012,1334015,1334099,90106450 90285418
	82-88	PA324		•	G.Box 14478631-	1334014,90284913,90295078,R1160024
1.6 S (66 kW) Eng.16SH	81-86	PA235		•		1334013,1334084,90106656,90284802
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 E (74 kW) Eng.C18NE/S18NV	82-86	PA235		•		1334013,1334084,90106656,90284802
1.8 i (85 kW) Eng.18E	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 '09/79-'08/86						
1.2 S (40-44 kW) Eng.12S	82-84	PA108				1334027,1334071,90091035,90409912
1.3 S (44-55 kW) Eng.13S	79-84	PA441		•		1334004,1334023,1334070,90076952 90183273,90349241
1.6 D (40 kW) Eng.16D	82-86	PA236		•	Ch -14478630	1334012,1334015,1334099,90106450 90285418
	82-86	PA324		•	Ch 14478631-	1334014,90284913,90295078,R1160024
1.6 S (66 kW) Eng.16SH	81-86	PA235		•		1334013,1334084,90106656,90284802
1.8 GTE (85 kW) Eng.18E	79-86	PA235		•		1334013,1334084,90106656,90284802
Astra F Classic, SW '01/98-						
1.4 i (44 kW) Eng.X14NZ	-98	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 i (55 kW) Eng.X16SZR	-98	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 i 16v (74 kW) Eng.X16XEL	-98	PA541		•		1334046,1334066,90444079,9192797 R1160030
Astra F, SW '09/91-'09/98						
1.4 (55 kW) Eng.14NV	91-93	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.4 Si, Cabrio (60 kW) Eng.C14SE	92-98	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.4 i (44 kW) Eng.C14NZ	91-98	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.4 i 16v, Cabrio (66 kW) Eng.X14XE	96-98	PA541		•		1334046,1334066,90444079,9192797 R1160030
1.6 (55 kW) Eng.16LZ2	95-98	PA577		•		1334054,90444123,R1160031
1.6 (55 kW) Eng.16NZR	95-98	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 Si (74 kW) Eng.C16SE	92-94	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 i (55 kW) Eng.C16NZ	92-94	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 i 16v (74 kW) Eng.X16XEL	94-98	PA541		•		1334046,1334066,90444079,9192797 R1160030
1.6 i, Cabrio (52 kW) Eng.X16SZ	93-96	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 i, Cabrio (55 kW) Eng.X16SZR	96-98	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,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-	1334041,1334050,1334053,90443549 90444311,9192370,R1160032
1.7 D (44 kW) Eng.17DR	92-98	PA324		•	Eng. -14363651	1334014,90284913,90295078,R1160024

			
PA325	PA409	PA442	PA541
			
PA541A	PA571	PA572	PA572A
			
PA577	PA664	PA727	PA729
			
PA730	PA834	PA887	PA901
			
PA940	PA957	PA958	PA959

		GRAF ref.			NOTE	Ad. OE
1.7 D (44 kW) Eng.17DR	92-98	PA572			• Eng. 14363652-	1334041,1334050,1334053,90443549 90444311,9192370,R1160032
1.7 TD (50 kW) Eng.X17DTL	94-98	PA572			•	1334041,1334050,1334053,90443549 90444311,9192370,R1160032
1.7 TDS (60 kW) Eng.X17DT/17DT(TC4EE1)	92-98	PA571			Eng. -00855805	1334031,1334052,1334105,94341998 97101320,97110387,R1160028
	92-98	PA664			Eng. 00855806-	1334069,1334115,97114682,97220278 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 (92 kW) Eng.C18XE	93-94	PA572			•	1334041,1334050,1334053,90443549 90444311,9192370,R1160032
1.8 i 16v, Cabrio (85 kW) Eng.X18XE/C18XEL	94-98	PA572			•	1334041,1334050,1334053,90443549 90444311,9192370,R1160032
2.0 16v SW (110 kW) Eng.C20XE	92-98	PA409			• Eng. -14142839	1334017,1334038,90281612,90442207 R1160034
	92-98	PA572			• Eng. 14142840-	1334041,1334050,1334053,90443549 90444311,9192370,R1160032
2.0 i 16v (100 kW) Eng.X20XE	95-98	PA572A			•	1334139,90444359
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

Astra G, SW '09/98-'03/04

1.2 16v (48 kW) Eng.X12XE	98-00	PA729	•			1334079,1334130,6334025,90542606
1.2 16v (55 kW) Eng.Z12XE	00-04	PA729	•			1334079,1334130,6334025,90542606
1.4 16v (66 kW) Eng.X14XE/Z14XE	98-04	PA541			• Eng. -02MV7224/20U75998	1334046,1334066,90444079,9192797 R1160030
	98-04	PA541A			• Eng. 02MV7225/20U75999-	1334077,6334035,9199592
1.6 (55 kW) Eng.X16SZR	98-00	PA442			• Eng. -02MZ5253	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	98-00	PA940			• Eng. 02MZ5254-	1334078,6334039
1.6 (62 kW) Eng.Z16SE	00-04	PA442			• Eng. -02MZ5253	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	00-04	PA940			• Eng. 02MZ5254-	1334078,6334039
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
1.6 16v, Cabrio (76 kW) Eng.Z16XEP	00-04	PA541A			•	1334077,6334035,9199592
1.7 CDTI (59 kW) Eng.Z17DTL	98-04	PA834				1334073,1334143,6334024,97251178
1.7 DTI 16v (55 kW) Eng.Y17DT	2/00-9/00	PA664			Eng. -073532	1334069,1334115,97114682,97220278 R1160036
	9/00-04	PA834			Eng. 073533-	1334073,1334143,6334024,97251178
1.7 TD (50 kW) Eng.X17DTL	98-8/00	PA572			•	1334041,1334050,1334053,90443549 90444311,9192370,R1160032
1.8 16v, Cabrio, Coupé (92 kW) Eng.Z18XE	00-04	PA727			•	1334135,6334036,90543935
1.8 16v, Coupé (85 kW) Eng.X18XE1	98-00	PA727			•	1334135,6334036,90543935
2.0 16v (100 kW) Eng.X20XE	98-04	PA572A			•	1334139,90444359
2.0 16v T OPC Coupé,Cabrio,SW (140-141 kW) Eng.Z20LET	00-04	PA572A			•	1334139,90444359
2.0 16v T OPC Coupé,Cabrio,SW (147 kW) Eng.Z20LER	02-04	PA572A			•	1334139,90444359
2.0 DI (60 kW) Eng.X20DTL/Y20DTL	98-04	PA730				1334117,90540478
2.0 DTI 16v (74 kW) Eng.X20DTH/Y20DTH	99-04	PA730				1334117,90540478
2.2 16v, Cabrio, Coupé (108 kW) Eng.Z22SE	01-04	PA957	•			6334002,6334042
2.2 DTI, Cabrio, Coupé (92 kW) Eng.Y22DTR	02-04	PA730				1334117,90540478

Astra H Cabriolet '09/05-

1.6 (77 kW) Eng.Z16XEP	05-	PA959				1334142,24405895
1.8 (92 kW) Eng.Z18XE	05-	PA727			•	1334135,6334036,90543935
1.8 (103 kW)	05-	PA959				1334142,24405895
1.9 CDTi (110 kW) Eng.Z19DTH	05-	PA901			•	1334147
2.0 Turbo (125 kW) Eng.Z20LEL	05-	PA572A			•	1334139,90444359
2.0 Turbo (147 kW) Eng.Z20LER	05-	PA572A			•	1334139,90444359

Astra H, SW, GTC '03/04-

1.3 CDTi 16v (66 kW) Eng.Z13DTH	05-	PA887				1334647,6334001
1.4 (66 kW) Eng.Z14XEP	04-	PA958				1334145,24469102

3 fori mozzo / 3-hole hub



PA044



PA108



PA234



PA325



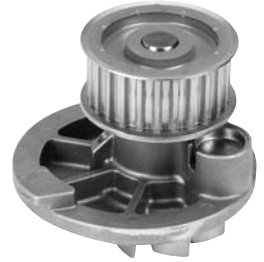
PA409



PA442



PA572



PA572A



PA577



PA637



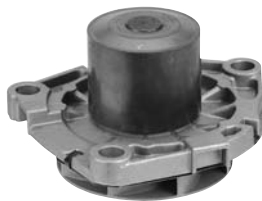
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PA727



PA834



PA901



PA959

		GRAF ref.			NOTE	Ad. OE
1.6 (77 kW) Eng.Z16XEP	04-	PA959				1334142,24405895
1.7 CDTI (74 kW) Eng.Z17DTH	04-	PA834				1334073,1334143,6334024,97251178
1.7 CDTI (Exc. GTC) (59 kW) Eng.Z17DTL	04-	PA834				1334073,1334143,6334024,97251178
1.8 (92 kW) Eng.Z18XE	04-	PA727		•		1334135,6334036,90543935
1.9 CDTI (74 kW) Eng.Z19DT	05-	PA672		•		6334003
1.9 CDTI (88 kW) Eng.Z19DTJ	04-	PA901		•		1334147
1.9 CDTI (110 kW) Eng.Z19DTH	04-	PA901		•		1334147
2.0 T. (125 kW) Eng.Z20LEL	04-	PA572A		•		1334139,90444359
2.0 T. (147 kW) Eng.Z20LER	04-	PA572A		•		1334139,90444359

Calibra A '06/90-'07/97

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-	1334139,90444359
2.0 i 16v, 4WD (110 kW) Eng.C20XE	90-92	PA409		•	Eng. -14142838	1334017,1334038,90281612,90442207 R1160034
	93-7/97	PA572		•	Eng. 14142839-	1334041,1334050,1334053,90443549 90444311,9192370,R1160032
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-	1334041,1334050,1334053,90443549 90444311,9192370,R1160032
2.5 i V6 (125 kW) Eng.X25XE/C25XE	93-7/97	PA637				1334059,90444649,R1160043

Commodore A, Coupé '08/67-'01/72

2.5 (85 kW)	67-69	PA044				1334032,1334035,2898355
	67-69	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.8 GS (107 kW) Eng.28HL	70-72	PA044				1334032,1334035,2898355
	70-72	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224

Commodore B, Coupé / Viceroy I '01/72-'07/78

2.5 (85 kW) Eng.25S	72-78	PA044				1334032,1334035,2898355
	72-78	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.5 GS (96 kW) Eng.25H	72-75	PA044				1334032,1334035,2898355
	72-75	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.8 GS (103 kW) Eng.28HC	75-78	PA044				1334032,1334035,2898355
	75-78	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.8 GS (104 kW) Eng.28HC	72-78	PA044				1334032,1334035,2898355
	72-78	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.8 GS/E (114 kW) Eng.28HC	75-78	PA044				1334032,1334035,2898355
	75-78	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.8 GS/E (118 kW) Eng.28E/EC	72-75	PA044				1334032,1334035,2898355
	72-75	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224

Commodore C, SW / Viceroy II '08/78-'12/82

2.5 E (96 kW) Eng.25E	81-82	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.5 S (85 kW) Eng.25S	78-82	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224

Corsa A / Nova '09/82-'03/93

1.0 (33 kW) Eng.10S	82-93	PA108				1334027,1334071,90091035,90409912
1.2 (44 kW) Eng.12S	82-90	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.2 N (38 kW) Eng.12NV	90-93	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012

3 fori mozzo / 3-hole hub



PA108



PA410



PA415



PA441



PA442



PA443



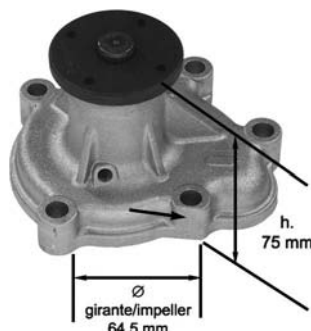
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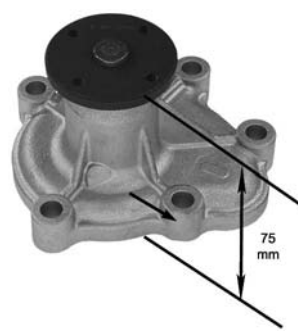
PA571



PA664



PA665



PA728



PA729

		GRAF ref.			NOTE	Ad. OE
1.2 S (40 kW) Eng.12ST	82-90	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.2, i (33 kW) Eng.C12NZ/12NC/E12GV	82-93	PA108				1334027,1334071,90091035,90409912
1.3 S (51 kW) Eng.13SB	82-89	PA441		•		1334004,1334023,1334070,90076952 90183273,90349241
1.3, i (44 kW) Eng.13NB/C13N	85-90	PA441		•		1334004,1334023,1334070,90076952 90183273,90349241
1.4 S (53 kW) Eng.14NV	90-93	PA443		•	Eng. -19307805	1334011,1334024,90234200,90325661
	90-93	PA442		•	Eng. 19307806-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.4 Si (60 kW) Eng.C14SE	91-93	PA443		•	Ch -19311737	1334011,1334024,90234200,90325661
	91-93	PA442		•	Ch 19311738-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.4 i (44 kW) Eng.C14NZ	90-93	PA443		•	Eng. -19311737	1334011,1334024,90234200,90325661
	90-93	PA442		•	Eng. 19311738-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.5 D (37 kW) Eng.15D(4EC1)	87-90	PA410			Eng. -804794	1334016,94124093
	87-90	PA571			Eng. 804795-909999	1334031,1334052,1334105,94341998 97101320,97110387,R1160028
	90-93	PA415			Eng. 910000-	1334034,1334102,1334107,94386207 97101319,97110386,R1160025,R1160037
1.5 TD (49 kW) Eng.15DT(T4EC1)	88-90	PA410			Eng. -804794	1334016,94124093
	88-90	PA571			Eng. 804795-909999	1334031,1334052,1334105,94341998 97101320,97110387,R1160028
	90-93	PA415			Eng. 910000-	1334034,1334102,1334107,94386207 97101319,97110386,R1160025,R1160037
1.6 GSI (55 kW) Eng.C16NZ	88-92	PA443		•	Ch -02J22349	1334011,1334024,90234200,90325661
	88-92	PA442		•	Ch 02J22350-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 GSI (72 kW) Eng.C16SEI	89-93	PA443		•	Ch -02J22349	1334011,1334024,90234200,90325661
	89-93	PA442		•	Ch 02J22350-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 GSI, Kat (74 kW) Eng.C16SE/E16SE	92-93	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012

Corsa B / Corsa '03/93-'09/00

1.0 i 12v (40 kW) Eng.X10XE	96-00	PA729	•			1334079,1334130,6334025,90542606
1.2 i (33 kW) Eng.X12SZ/C12NZ/12NZ	93-00	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.2 i 16v (48 kW) Eng.X12XE	98-00	PA729	•			1334079,1334130,6334025,90542606
1.4 Si (60 kW) Eng.C14SE	93-00	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.4 i (44 kW) Eng.C14NZ/X14SZ	93-00	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.4 i 16v (63 kW) Eng.C14SEL/C14S	97-00	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.4 i 16v (66 kW) Eng.X14XE	94-00	PA541		•		1334046,1334066,90444079,9192797 R1160030
1.5 D (37 kW) Eng.15D(4EC1)	93-00	PA415			Eng. -00877697	1334034,1334102,1334107,94386207 97101319,97110386,R1160025,R1160037
	93-00	PA728			Eng. 00877698-	1334114,97114683,R1160038
1.5 TD (49 kW) Eng.15DT/X15DT(T4EC1)	93-00	PA415			Eng. -00877697	1334034,1334102,1334107,94386207 97101319,97110386,R1160025,R1160037
	93-00	PA665			Eng. 00076351-	1334121,97135548,R1160039
	93-00	PA728			Eng. 00877698-00076350	1334114,97114683,R1160038
1.6 GSI 16v (80 kW) Eng.C16XE	93-00	PA541		•		1334046,1334066,90444079,9192797 R1160030
1.6 i 16v (78 kW) Eng.X16XE	94-00	PA541		•		1334046,1334066,90444079,9192797 R1160030
1.7 D (44 kW) Eng.17D/X17D(4EE1)	96-00	PA571			Eng. -00877697	1334031,1334052,1334105,94341998 97101320,97110387,R1160028
	96-00	PA664			Eng. 00877698-	1334069,1334115,97114682,97220278 R1160036

Corsa C / Corsa II '09/00-'06/06

1.0 12v (43 kW) Eng.Z10XE	00-06	PA729	•			1334079,1334130,6334025,90542606
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PA044	PA046	PA234	PA325
			
PA326	PA541	PA541A	PA572
			
PA577	PA637	PA671	PA727
			
PA729	PA730	PA802	PA834
			
PA887	PA958		

		GRAF ref.			NOTE	Ad. OE
1.0 12v (44 kW) Eng.Z10EP	03-	PA958				1334145,24469102
1.2 16v (55 kW) Eng.Z12XE	00-06	PA729	•			1334079,1334130,6334025,90542606
1.2 Twinport (59 kW) Eng.Z12XEP	7/04-	PA958				1334145,24469102
1.3 CDTI (51 kW) Eng.Z13DT	03-06	PA887				1334647,6334001
1.4 16v (66 kW) Eng.Z14XEP/XE	00-06	PA541	•		Eng. -02MZ5253/20U75998	1334046,1334066,90444079,9192797 R1160030
	00-06	PA541A	•		Eng. 02MZ5254/20U75999-	1334077,6334035,9199592
1.4 Twinport (66 kW) Eng.Z14XEP	03-06	PA958				1334145,24469102
1.7 CDTI (74 kW) Eng.Z17DTH	03-06	PA834				1334073,1334143,6334024,97251178
1.7 DI (48 kW) Eng.Y17DTL	00-06	PA834				1334073,1334143,6334024,97251178
1.7 DTI 16v (55 kW) Eng.Y17DT	00-06	PA834				1334073,1334143,6334024,97251178
1.8 16v (92 kW) Eng.Z18XE	00-06	PA727	•			1334135,6334036,90543935

Corsa D '07/06-

1.0 12V (44 kW)	06-	PA958				1334145,24469102
1.2 16V (59 kW)	06-	PA958				1334145,24469102
1.3 CDTi 16V (66 kW)	06-	PA887				1334647,6334001
1.3 CDTi 16v (55 kW)	06-	PA887				1334647,6334001
1.4 16V (66 kW)	06-	PA958				1334145,24469102
1.7 CDTi (92 kW)	06-	PA834				1334073,1334143,6334024,97251178

Diplomat A '10/64-'03/69

4.6 (140 kW) Eng.46S	64-69	PA044				1334032,1334035,2898355
	64-69	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224

Diplomat B '03/69-'01/78

2.8 E (121 kW) Eng.28E	69-75	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
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Frontera A / Frontera '03/92-'10/98

2.0 i Sport (85 kW) Eng.C20NE/X20SE	3/92-12/92	PA325		•	Eng. -14608700	1334008,90220568,90272361,R1160018
	1/93-98	PA577		•	Eng. 14608701-	1334054,90444123,R1160031
2.2 i (100 kW) Eng.X22XE	95-98	PA572		•		1334041,1334050,1334053,90443549 90444311,9192370,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.25TDS(VM41B)	96-98	PA671	•		Impeller Ø 76mm	1334123,91151669,R1160044
	96-98	PA802	•		Impeller Ø 71mm	1334123,91151669,R1160044

Frontera B / Frontera II '10/98-

2.2 DTI (85 kW) Eng.X22DTH	98-02	PA730				1334117,90540478
2.2 DTI (88 kW) Eng.Y22DTH	98-	PA730				1334117,90540478
2.2 i (100 kW) Eng.Y22SE/X22SE	98-	PA572		•		1334041,1334050,1334053,90443549 90444311,9192370,R1160032
3.2 i (151 kW) Eng.6VD1/Y32NE	98-	PA637				1334059,90444649,R1160043

GT '09/68-'08/73

1.1 (44 kW) Eng.11SR	68-70	PA046				1334029,2866233
1.9 (66 kW) Eng.19S	68-73	PA044				1334032,1334035,2898355
	68-73	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224

Kadett A, SW '09/62-'08/65

1.0 S, Coupé (35 kW) Eng.10S	62-65	PA046				1334029,2866233
1.0, N (29 kW) Eng.10N	62-65	PA046				1334029,2866233

Kadett B, SW / Chevette B '09/65-'08/73

1.1 S, Coupé (40 kW) Eng.11S	65-71	PA046				1334029,2866233
1.1 SR, Coupé (Exc. SW) (44 kW) Eng.11SR	66-71	PA046				1334029,2866233
1.1, Coupé (33-37 kW) Eng.11N	65-73	PA046				1334029,2866233
1.2 S, Coupé (44 kW) Eng.12S	71-73	PA046				1334029,2866233
1.9 Coupé (Exc. SW) (66 kW) Eng.19S	67-73	PA044				1334032,1334035,2898355

3 fori mozzo / 3-hole hub

4 fori mozzo / 4-hole hub



PA046

PA108

PA150

PA234



PA235

PA236

PA324

PA325



PA409

PA410

PA415
















PA441



PA442

PA443

		GRAF ref.			NOTE	Ad. OE
1.9 Coupé (Exc. SW) (66 kW) Eng.19S	67-73	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
Kadett C, SW / Chevette C '08/73-'07/79						
1.0, Coupé (29 kW) Eng.10N	74-76	PA046			Eng. -910300	1334029,2866233
	76-79	PA150			Eng. 910301-	1334058,9292375
1.2 S, Coupé (44 kW) Eng.12S	73-76	PA046			Eng. -910300	1334029,2866233
	76-79	PA150			Eng. 910301-	1334058,9292375
1.2, Coupé (38-40 kW) Eng.12N	73-76	PA046			Eng. -910300	1334029,2866233
	76-79	PA150			Eng. 910301-	1334058,9292375
Kadett City '08/73-'07/79						
1.0 (29 kW) Eng.10N	74-79	PA150				1334058,9292375
1.2 S, Coupé (44-55 kW) Eng.12S	73-79	PA150				1334058,9292375
Kadett D, SW / Astra D '08/79-'08/84						
1.0 (Exc. SW) (29-38 kW)	79-84	PA108				1334027,1334071,90091035,90409912
1.2 (39 kW) Eng.12N	79-82	PA108				1334027,1334071,90091035,90409912
1.2 (Exc. SW) (40 kW) Eng.12ST	82-84	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.2 S (44 kW) Eng.12S	79-84	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.3 N (44 kW) Eng.13N	79-84	PA441		•		1334004,1334023,1334070,90076952 90183273,90349241
1.3 S (55 kW) Eng.13S	79-84	PA441		•		1334004,1334023,1334070,90076952 90183273,90349241
1.6 D (40 kW) Eng.16D	82-84	PA236		•		1334012,1334015,1334099,90106450 90285418
1.6 S (66 kW) Eng.16SH	81-84	PA235		•		1334013,1334084,90106656,90284802
1.8 GT/E (Exc. SW) (85 kW) Eng.18E	83-84	PA235		•		1334013,1334084,90106656,90284802
Kadett E / Astra E, Belmont '09/84-'08/91						
1.2 (40 kW) Eng.12SC	84-86	PA108			Eng. OHV	1334027,1334071,90091035,90409912
	84-86	PA442		•	Eng. OHC	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.3 S (55 kW) Eng.13S	84-87	PA441		•		1334004,1334023,1334070,90076952 90183273,90349241
1.3 i, Kat, N (44 kW) Eng.C13N/13NB/N	85-91	PA441		•		1334004,1334023,1334070,90076952 90183273,90349241
1.4 S (55 kW) Eng.14NV	90-91	PA442		•		1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.4 i (44 kW) Eng.C14NZ	90-91	PA443		•	Eng. -02J22349/19311737	1334011,1334024,90234200,90325661
	90-91	PA442		•	Eng. 02J22350/19311738-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.5 TD (53 kW) Eng.15DT(T4EC1)	88-90	PA410			Eng. -817252	1334016,94124093
	90-91	PA415			Eng. 817253-	1334034,1334102,1334107,94386207 97101319,97110386,R1160025,R1160037
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 S (60 kW) Eng.16SV	86-91	PA443		•	Ch -02J22349	1334011,1334024,90234200,90325661
	86-91	PA442		•	Ch 02J22350-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 S (66 kW) Eng.16SH	84-86	PA235		•		1334013,1334084,90106656,90284802
1.6 i, Kat (55 kW) Eng.C16LZ/NZ/E16NZ	86-91	PA443		•	Ch -02J22349	1334011,1334024,90234200,90325661
	86-91	PA442		•	Ch 02J22350-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.7 D (42 kW) Eng.17D	89-91	PA324		•		1334014,90284913,90295078,R1160024
1.8 (84 kW) Eng.18E	87-90	PA325		•	G.Box 14237770/14056061-	1334008,90220568,90272361,R1160018
1.8 S (62 kW) Eng.E18NV	87-91	PA235		•	G.Box -14056060/14237769	1334013,1334084,90106656,90284802
1.8 i (66 kW) Eng.C18NZ/NT	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
1.8 i (85 kW) Eng.18E	84-86	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

		<p>3 fori mozzo / 3-hole hub</p> 	
<p>PA044</p>	<p>PA046</p>	<p>PA108</p>	<p>PA234</p>
			
<p>PA235</p>	<p>PA236</p>	<p>PA324</p>	<p>PA325</p>
	 <p>69,8 mm</p>	 <p>69,8 mm</p>	
<p>PA409</p>	<p>PA410</p>	<p>PA415</p>	<p>PA441</p>
			
<p>PA442</p>	<p>PA443</p>	<p>PA572</p>	

		GRAF ref.			NOTE	Ad. OE
2.0 GSI 16v (115 kW) Eng.20XE	87-91	PA572			• Eng. 14142839-	1334041,1334050,1334053,90443549 90444311,9192370,R1160032
2.0 GSI 16v, Kat (110 kW) Eng.C20XE/20XEJ	88-91	PA409			• Eng. -14142838	1334017,1334038,90281612,90442207 R1160034
	88-91	PA572			• Eng. 14142839-	1334041,1334050,1334053,90443549 90444311,9192370,R1160032
2.0 i, Kat (85 kW) Eng.C20NE/20NE	87-91	PA325			•	1334008,90220568,90272361,R1160018

Kadett E Cabrio '09/84-'08/91

1.3 S (55 kW) Eng.13S	84-87	PA441			•	1334004,1334023,1334070,90076952 90183273,90349241
1.4 S (55 kW) Eng.14NV	90-91	PA443			• Eng. -2122349	1334011,1334024,90234200,90325661
	90-91	PA442			• Eng. 2122350-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.4 i (44 kW) Eng.C14NZ	90-91	PA443			• Eng. -2122349	1334011,1334024,90234200,90325661
	90-91	PA442			• Eng. 2122350-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 S (60 kW) Eng.16SV	86-91	PA443			• Eng. -2122349	1334011,1334024,90234200,90325661
	86-91	PA442			• Eng. 2122350-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 i (55 kW) Eng.C16LZ/NZ/E16NZ	86-91	PA443			• Eng. -2122349	1334011,1334024,90234200,90325661
	86-91	PA442			• Eng. 2122350-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
2.0 i (85 kW) Eng.C20NE/20NE	87-91	PA325			•	1334008,90220568,90272361,R1160018

Kadett E SW '09/84-'08/91

1.2 (40 kW) Eng.12SC	84-86	PA108			Eng. OHV	1334027,1334071,90091035,90409912
	84-86	PA442			• Eng. OHC	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.3 S (55 kW) Eng.13S	84-87	PA441			•	1334004,1334023,1334070,90076952 90183273,90349241
1.3 i, Kat, N (44 kW) Eng.C13N/13NB/N	85-91	PA441			•	1334004,1334023,1334070,90076952 90183273,90349241
1.4 S (55 kW) Eng.14NV	90-91	PA442			•	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.4 i (44 kW) Eng.C14NZ	90-91	PA443			• Eng. -02J22349/19311737	1334011,1334024,90234200,90325661
	90-91	PA442			• Eng. 02J22350/19311738-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.5 TD (53 kW) Eng.15DT(T4EC1)	88-90	PA410			Eng. -817252	1334016,94124093
	90-91	PA415			Eng. 817253-	1334034,1334102,1334107,94386207 97101319,97110386,R1160025,R1160037
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 S (60 kW) Eng.16SV	86-91	PA443			• Ch -02J22349	1334011,1334024,90234200,90325661
	86-91	PA442			• Ch 02J22350-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 S (66 kW) Eng.16SH	84-86	PA235			•	1334013,1334084,90106656,90284802
1.6 i, Kat (55 kW) Eng.C16LZ/NZ/E16NZ	86-91	PA443			• Ch -02J22349	1334011,1334024,90234200,90325661
	86-91	PA442			• Ch 02J22350-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.7 D (42 kW) Eng.17D	89-91	PA324			•	1334014,90284913,90295078,R1160024
1.8 S (62 kW) Eng.E18NV	87-91	PA235			• G.Box -14056060/14237769	1334013,1334084,90106656,90284802
1.8 i (66 kW) Eng.C18NZ/NT	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
1.8 i (85 kW) Eng.18E	87-90	PA325			• G.Box 14237770/14056061-	1334008,90220568,90272361,R1160018
2.0 i, Kat (85 kW) Eng.C20NE/20NE	87-91	PA325			•	1334008,90220568,90272361,R1160018

Manta A '09/70-'08/75

1.2 (44 kW) Eng.12S	72-75	PA046				1334029,2866233
1.6 (44-50 kW) Eng.16N	70-75	PA044				1334032,1334035,2898355
	70-75	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.6, S (55-59 kW) Eng.16S	70-75	PA044				1334032,1334035,2898355
	70-75	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224

		<p>4 fori mozzo / 4-hole hub</p> 	
<p>PA044</p>	<p>PA046</p>	<p>PA150</p>	<p>PA234</p>
			
<p>PA235</p>	<p>PA244</p>	<p>PA441</p>	<p>PA541A</p>
			
<p>PA727</p>	<p>PA834</p>	<p>PA887</p>	<p>PA940</p>
			
<p>PA958</p>			

		GRAF ref.			NOTE	Ad. OE
1.9 GT/E (77 kW) Eng.19E	74-75	PA044				1334032,1334035,2898355
	74-75	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.9 S (65-66 kW) Eng.19S	70-75	PA044				1334032,1334035,2898355
	70-75	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224

Manta B / Cavalier Coupé '09/75-'08/88

1.2 N (40 kW) Eng.12N	76-79	PA150				1334058,9292375
1.2 S (44 kW) Eng.12S	75-79	PA150				1334058,9292375
1.3 N (44 kW) Eng.13N	79-80	PA441		•		1334004,1334023,1334070,90076952 90183273,90349241
1.3 S (55 kW) Eng.13S	81-86	PA441		•		1334004,1334023,1334070,90076952 90183273,90349241
1.6 N (44 kW) Eng.16N	75-80	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.6 S (55 kW) Eng.16S	75-81	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.8 S (66 kW) Eng.18S	82-87	PA235		•		1334013,1334084,90106656,90284802
1.9 E (77 kW) Eng.19E	75-77	PA044				1334032,1334035,2898355
	75-77	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.9 N (55 kW) Eng.19N	76-81	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.9 S (66 kW) Eng.19S	75-80	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.0 (66 kW) Eng.20N	77-80	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.0 E (81 kW) Eng.20E	77-88	PA244				1334097,90156532
2.0 S (74 kW) Eng.20S	77-84	PA234			w/RB, Eng. -6067585	1334032,1334035,1334072,1334081 2898355,90108735,90136224
	77-84	PA244			Eng. 6067586-	1334097,90156532

Meriva '05/03-

1.3 CDTi (55 kW)	03-	PA887				1334647,6334001
1.3 CDTi 16v (51 kW) Eng.Y13DT	05-	PA887				1334647,6334001
1.4 16v Twinport (66 kW) Eng.Z14XEP	04-	PA958				1334145,24469102
1.6 (64 kW) Eng.Z16SE	03-	PA940		•		1334078,6334039
1.6 16v (74 kW) Eng.Z16XE	03-	PA541A		•		1334077,6334035,9199592
1.7 CDTi (74 kW) Eng.Z17DTH	03-	PA834				1334073,1334143,6334024,97251178
1.7 DTi (55 kW) Eng.Y17DT	03-	PA834				1334073,1334143,6334024,97251178
1.8 16v (92 kW) Eng.Z18XE	03-	PA727		•		1334135,6334036,90543935

Monza A / Royal - Coupé '02/78-'08/86

2.0 E (85 kW) Eng.H20E	83-84	PA244				1334097,90156532
2.2 E (85 kW) Eng.22E	84-86	PA244				1334097,90156532
2.5 E (100 kW) Eng.H/25E	81-86	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.8 (103 kW) Eng.28H	78-81	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
3.0 (110 kW) Eng.30H	78-82	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
3.0 GSE (115 kW) Eng.C30LE	85-86	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
3.0 GSE (132 kW) Eng.30E	78-86	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224

Olympia A '08/67-'08/71

1.0, Coupe (44 kW) Eng.11SR	67-71	PA046				1334029,2866233
1.7, Coupe (55 kW) Eng.17S	67-71	PA044				1334032,1334035,2898355
	67-71	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.9 Coupe (66 kW)	67-71	PA044				1334032,1334035,2898355
	67-71	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224



PA044



PA234



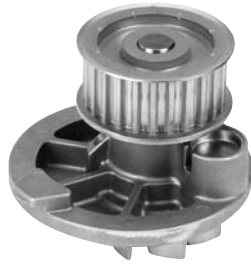
PA325



PA326



PA502A



PA572A



PA577



PA637



PA730



PA760

		GRAF ref.			NOTE	Ad. OE
Omega A, SW / Carlton III '09/86-'03/94						
1.8 (65 kW) Eng.E18NVR	86-94	PA325		•		1334008,90220568,90272361,R1160018
1.8 (85 kW) Eng.18SEH	86-94	PA325		•		1334008,90220568,90272361,R1160018
1.8 N (60 kW) Eng.18NV	86-87	PA325		•		1334008,90220568,90272361,R1160018
1.8 S (66 kW) Eng.18SV	86-94	PA325		•		1334008,90220568,90272361,R1160018
2.0, i (73-74-85-90 kW) Eng.C20NE/NEJ/NEF/20SE	86-89	PA325		•	Eng. -14-608700	1334008,90220568,90272361,R1160018
	90-94	PA577		•	Eng. 14-608701-	1334054,90444123,R1160031
2.3 D (54 kW) Eng.23YD	86-94	PA326				1334009,1334021,90271492,90348231 R1160027
2.3 TD, TDi (66-74 kW) Eng.23YDT/DTR	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, Kat (130 kW) Eng.30NE/C30NE	87-90	PA326			Ch -M1000000	1334009,1334021,90271492,90348231 R1160027
Omega B, SW / Omega '03/94-'07/03						
2.0 (85 kW) Eng.X20SE/20SE	94-00	PA577		•		1334054,90444123,R1160031
2.0 16v (100 kW) Eng.X20XEV	94-9/99	PA572A		•		1334139,90444359
2.0 DTI 16v (74 kW) Eng.X20DTH	97-9/00	PA730				1334117,90540478
2.2 16v (106 kW) Eng.Y22XE/Z22XE	99-03	PA572A		•		1334139,90444359
2.2 DTI 16v (88 kW) Eng.Y22DTH	00-03	PA730				1334117,90540478
2.5 DTI (110 kW) Eng.Y25DT	01-03	PA760				1334082
2.5 TD (96 kW) Eng.25DT/X25DT	94-03	PA502A				1334112,1334124,90512535,90541671
2.5 V6 (125 kW) Eng.X25XE	94-00	PA637				1334059,90444649,R1160043
3.0 V6 (155 kW) Eng.X30XE	94-01	PA637				1334059,90444649,R1160043
Rekord B '08/65-'02/67						
1.5, SW (44 kW)	65-66	PA044				1334032,1334035,2898355
	65-66	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.7, Coupé, SW (55 kW) Eng.17S	65-66	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
	65-67	PA044				1334032,1334035,2898355
1.9, Coupé (66 kW)	65-67	PA044				1334032,1334035,2898355
	65-67	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
Rekord C, SW '08/66-'12/71						
1.5 (43-44 kW) Eng.15...	66-71	PA044				1334032,1334035,2898355
	66-71	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.7 (44-49 kW) Eng.17N	66-71	PA044				1334032,1334035,2898355
	66-71	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.7 S, Coupé (55 kW) Eng.17S	66-71	PA044				1334032,1334035,2898355
	66-71	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.9 Sprint, Coupé (Exc. SW) (78 kW)	67-71	PA044				1334032,1334035,2898355
	67-71	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.9, Coupé (66 kW) Eng.19S	66-71	PA044				1334032,1334035,2898355
	66-71	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.2, Coupé (Exc. SW) (70 kW)	66-69	PA044				1334032,1334035,2898355
	66-69	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
Rekord D, SW / Carlton I '01/72-'08/77						
1.7 (44-49 kW) Eng.17N	72-77	PA044				1334032,1334035,2898355
	72-77	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.7 S, Coupé (61 kW) Eng.17S	72-75	PA044				1334032,1334035,2898355



PA044



PA121



PA234



PA235



PA237



PA244



PA302

		GRAF ref.			NOTE	Ad. OE
1.7 S, Coupé (61 kW) Eng.17S	72-75	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.9, Coupé (55 kW) Eng.19N	75-77	PA044				1334032,1334035,2898355
	75-77	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.9, S, Coupé (66-71 kW) Eng.19SH	72-77	PA044				1334032,1334035,2898355
	72-77	PA234			w/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, Coupé (74 kW) Eng.20S	75-77	PA044				1334032,1334035,2898355
	75-77	PA234			w/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 '08/77-'08/86

1.7 (44 kW) Eng.17N	77-82	PA234			w/RB	1334032,1334035,1334072,1334081 2898355,90108735,90136224
1.8 (55 kW) Eng.18N	82-86	PA235	•			1334013,1334084,90106656,90284802
1.8 E (74 kW) Eng.C18NV	85-86	PA235	•			1334013,1334084,90106656,90284802
1.8 S (66 kW) Eng.18S	82-86	PA235	•			1334013,1334084,90106656,90284802
1.9 (55 kW) Eng.19N	77-82	PA234			w/RB, Ch -D1000028	1334032,1334035,1334072,1334081 2898355,90108735,90136224
	77-82	PA244			Ch D1000029-	1334097,90156532
2.0 (66 kW) Eng.20N	77-82	PA234			w/RB, Ch -D1000028	1334032,1334035,1334072,1334081 2898355,90108735,90136224
	77-82	PA244			Ch D1000029-	1334097,90156532
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
2.0 E (81 kW) Eng.20E	77-84	PA044			Ch -D10000028	1334032,1334035,2898355
	77-84	PA234			w/RB, Ch -D10000028	1334032,1334035,1334072,1334081 2898355,90108735,90136224
	77-84	PA244			Ch D10000029-	1334097,90156532
2.0 S (74 kW) Eng.20S	77-86	PA044			Ch -D10000028	1334032,1334035,2898355
	77-86	PA234			w/RB, Ch -D10000028	1334032,1334035,1334072,1334081 2898355,90108735,90136224
	77-86	PA244			Ch D10000029-	1334097,90156532
2.1 D (44 kW) Eng.21D	77-78	PA121				1334045,1334074,1334087,3469874 90096415,90136382
2.2 D (48-52 kW) Eng.23D	78-86	PA121			Eng. -55082	1334045,1334074,1334087,3469874 90096415,90136382
	78-86	PA302			Eng. 0121527-, w/Air	1334000,1334006,90183665,90233511
	78-86	PA237			Eng. 55083-0121526	1334091,90136377
2.2 E (85 kW) Eng.22E	84-86	PA244				1334097,90156532
2.2 TD (63 kW) Eng.23TD	84-86	PA302			w/Air	1334000,1334006,90183665,90233511

Senator A / Royal I '02/78-'08/87

2.0 E (85 kW) Eng.H20E	83-84	PA244				1334097,90156532
2.2 E (85 kW) Eng.22E	84-87	PA244				1334097,90156532
2.2 TD (63 kW) Eng.23TD	84-87	PA302			w/Air	1334000,1334006,90183665,90233511
2.5 (85 kW) Eng.25S	78-80	PA234			w/RB, w/Air	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.5 E (100-103 kW) Eng.H/25E	83-87	PA234			w/RB, w/Air	1334032,1334035,1334072,1334081 2898355,90108735,90136224
2.8 (103 kW) Eng.28H	78-81	PA234			w/RB, w/Air	1334032,1334035,1334072,1334081 2898355,90108735,90136224
3.0 (110 kW) Eng.30H	78-82	PA234			w/RB, w/Air	1334032,1334035,1334072,1334081 2898355,90108735,90136224
3.0 (115 kW) Eng.C30LE	85-87	PA234			w/RB, w/Air	1334032,1334035,1334072,1334081 2898355,90108735,90136224
3.0 E (132 kW) Eng.30E	78-86	PA234			w/RB, w/Air	1334032,1334035,1334072,1334081 2898355,90108735,90136224

			
PA324	PA325	PA326	PA442
			
PA443	PA541	PA571	PA572
			
PA572A	PA577	PA637	PA672
			
PA727	PA730	PA887	PA901
			
PA957	PA958	PA959	PA991

		GRAF ref.			NOTE	Ad. OE
Senator B / Royal II '09/87-'09/93						
2.5 i (103 kW) Eng.Z25NE	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 (130 kW) Eng.C30NE/30NE	88-93	PA326			Ch -1000000	1334009,1334021,90271492,90348231 R1160027
Signum '05/03-						
1.8 (90 kW) Eng.Z18XE	03-	PA727		•		1334135,6334036,90543935
1.8 (103 kW)	05-	PA959				1334142,24405895
1.9 CDTI (88 kW) Eng.Z19DT	04-	PA672		•		6334003
1.9 CDTI (110 kW) Eng.Z19DTH	04-	PA901		•		1334147
1.9 CDTi (74 kW)	05-	PA672		•		6334003
2.0 DTI (74 kW) Eng.Y20DTH	03-	PA730				1334117,90540478
2.0 T. (129 kW) Eng.Z20NET	03-	PA957	•			6334002,6334042
2.2 16v (114 kW) Eng.Z22YH	03-	PA957	•			6334002,6334042
2.2 DTI (92 kW) Eng.Y22DTR	03-	PA730				1334117,90540478
2.8 V6 Turbo (169 kW)	05-	PA991				6334043
Sintra '11/96-'04/99						
2.2 DTI (85 kW) Eng.X22DTH	97-99	PA730				1334117,90540478
2.2 i 16v (104 kW) Eng.X22XE	96-99	PA572		•		1334041,1334050,1334053,90443549 90444311,9192370,R1160032
3.0 i 24v (148 kW) Eng.X30XE	96-99	PA637				1334059,90444649,R1160043
Speedster / VX220 '09/00-						
2.0 T. (147 kW) Eng.Z20LET	03-	PA572A		•		1334139,90444359
2.2 (108 kW) Eng.Z22SE	00-	PA957	•			6334002,6334042
Tigra A '07/94-'12/00						
1.4 16v (63-66 kW) Eng.X14XE	94-00	PA541		•		1334046,1334066,90444079,9192797 R1160030
1.6 16v (74 kW) Eng.C16SEL	97-98	PA541		•		1334046,1334066,90444079,9192797 R1160030
1.6 16v (78 kW) Eng.X16XE	94-98	PA541		•		1334046,1334066,90444079,9192797 R1160030
Tigra B Twintop '06/04-						
1.3 CDTI (51 kW) Eng.Z13DT	6/04-	PA887				1334647,6334001
1.4 (66 kW) Eng.Z14XEP	04-	PA958				1334145,24469102
1.8 (92 kW) Eng.Z18XE	04-	PA727		•		1334135,6334036,90543935
Vectra A (86, 87) / Cavalier III '09/88-'11/95						
1.4 S (55 kW) Eng.14NV	88-92	PA443		•	Eng. -19307805	1334011,1334024,90234200,90325661
	88-92	PA442		•	Eng. 19307806-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 (60 kW) Eng.16SV	88-93	PA443		•	Eng. -02122349	1334011,1334024,90234200,90325661
	88-93	PA442		•	Eng. 02122350-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 i (52 kW) Eng.X16SZ	93-95	PA443		•	Eng. -02122349	1334011,1334024,90234200,90325661
	93-95	PA442		•	Eng. 02122350-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.6 i, Kat (55 kW) Eng.C16NZ/NZ2/E16NZ/16LZ2	88-95	PA443		•	Eng. -02122349	1334011,1334024,90234200,90325661
	88-95	PA442		•	Eng. 02122350-	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
1.7 D (42-44 kW) Eng.17D/DR	88-92	PA324		•	Eng. -14333449	1334014,90284913,90295078,R1160024
	88-92	PA572		•	Eng. 14333450-	1334041,1334050,1334053,90443549 90444311,9192370,R1160032
1.7 TD (60 kW) Eng.17DT/X17DT(TC4EE1)	90-95	PA571				1334031,1334052,1334105,94341998 97101320,97110387,R1160028
1.8 S, 4WD, Kat (65-66 kW) Eng.E18NVR/C18NZ/18SV	88-95	PA325		•	Ch -N5999999	1334008,90220568,90272361,R1160018
	88-95	PA577		•	Ch P1000001-	1334054,90444123,R1160031

PA325	PA409	PA442	PA541
PA541A	PA572	PA572A	PA577
PA637	PA664	PA672	PA727
PA730	PA901	PA940	PA957
PA959	PA991		

		GRAF ref.		NOTE	Ad. OE
2.0 (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-	1334139,90444359
2.0 i T. 4WD (150 kW) Eng.C20LET	94-95	PA409		• Eng. -14142838	1334017,1334038,90281612,90442207 R1160034
	94-95	PA572A		• Eng. 14142839-	1334139,90444359
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
2.0/GT 16v Kat, 4WD (110 kW) Eng.C20XE/20XEJ	89-95	PA409		• Eng. -14142838	1334017,1334038,90281612,90442207 R1160034
	89-95	PA572A		• Eng. 14142839-	1334139,90444359
2.5 V6 (125 kW) Eng.C25XE	93-95	PA637			1334059,90444649,R1160043

Vectra B, SW / Vectra '10/95-'04/02





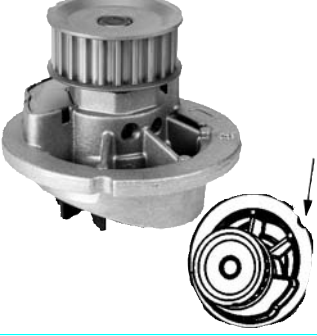


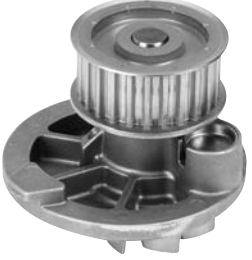










1.6 i (55 kW) Eng.16LZ2	95-02	PA577		•	1334054,90444123,R1160031
1.6 i (55 kW) Eng.X16SZR	95-02	PA442		• Eng. -02MZ5253	1334025,1334065,1334098,90144227 90325660,90349239,9192793,R1160012
	95-02	PA940		• Eng. 02MZ5254-	1334078,6334039
1.6 i 16v (74 kW) Eng.X16XEL/Z16XE/Y16XE	95-02	PA541A		• Eng. 02MZ5254	1334077,6334035,9199592
	95-02	PA541		• Eng. -02MZ5253	1334046,1334066,90444079,9192797 R1160030
1.7 TD (Exc. SW) (60 kW) Eng.X17DT(TC4EE1)	95-96	PA664			1334069,1334115,97114682,97220278 R1160036
1.8 i 16v (85 kW) Eng.X18XE	95-00	PA572A		•	1334139,90444359
1.8 i 16v (85 kW) Eng.X18XE1	95-00	PA727		•	1334135,6334036,90543935
1.8 i 16v (92 kW) Eng.Z18XE	00-02	PA727		•	1334135,6334036,90543935
2.0 DI 16v (60 kW) Eng.X20DTL	96-02	PA730			1334117,90540478
2.0 DTI 16v (74 kW) Eng.X20DTH/Y20DTH	97-02	PA730			1334117,90540478
2.0 i (82 kW) Eng.20NEJ	95-02	PA577		•	1334054,90444123,R1160031
2.0 i 16v (100 kW) Eng.C20SEL	95-00	PA572		•	1334041,1334050,1334053,90443549 90444311,9192370,R1160032
2.0i 16v (100 kW) Eng.X20XEV	95-00	PA572A		•	1334139,90444359
2.2 DTI 16v (92 kW) Eng.Y22DTR	00-02	PA730			1334117,90540478
2.2 i 16v (108 kW) Eng.Z22SE	00-02	PA572A		•	1334139,90444359
2.5 i 500 (143 kW) Eng.X25XE	98-00	PA637			1334059,90444649,R1160043
2.5 i V6 (125 kW) Eng.X25XE	95-00	PA637			1334059,90444649,R1160043

Vectra C, SW, Gts / Vectra II '04/02-

1.6 16v (74 kW) Eng.Z16XE	04-	PA541A		•	1334077,6334035,9199592
1.8 (81 kW) Eng.Z18XEL	02-	PA727		•	1334135,6334036,90543935
1.8 (103 kW)	06-	PA959			1334142,24405895
1.8 16v (90 kW) Eng.Z18XE	02-	PA727		•	1334135,6334036,90543935
1.9 CDTI (74 kW)	05-	PA672		•	6334003
1.9 CDTI (88 kW) Eng.Z19DT	04-	PA672		•	6334003
1.9 CDTI (110 kW) Eng.Z19DTH	04-	PA901		•	1334147
2.0 16v T. (129 kW) Eng.Z20NET	03-	PA957	•		6334002,6334042
2.0 DTI 16v (74 kW) Eng.Y20DTH	02-	PA730			1334117,90540478
2.2 16v (Exc. SW) (108 kW) Eng.Z22SE	02-	PA957	•		6334002,6334042
2.2 16v direct (114 kW) Eng.Z22YH	03-	PA957	•		6334002,6334042
2.2 DTI 16v (92 kW) Eng.Y22DTR	02-	PA730			1334117,90540478
2.8 V6 Turbo (169 kW)	05-	PA991			6334043

Zafira A '04/99-'10/05

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
1.6 CNG (71 kW) Eng.Z16YNG	01-05	PA541		• Eng. 02MV7224	1334046,1334066,90444079,9192797 R1160030
	01-05	PA541A		• Eng. 02MV7225	1334077,6334035,9199592
1.8 16v (85 kW) Eng.X18XE1	99-00	PA727		•	1334135,6334036,90543935
1.8 16v (92 kW) Eng.Z18XE	00-05	PA727		•	1334135,6334036,90543935

			
<p>PA178</p>	<p>PA324</p>	<p>PA442</p>	<p>PA541</p>
	 <p>h. 69,8 mm Ø girante/impeller 72,5 mm</p>		
<p>PA541A</p>	<p>PA571</p>	<p>PA572</p>	<p>PA572A</p>
 <p>h 75 mm Ø girante/impeller 72,5 mm</p>			
<p>PA664</p>	<p>PA672</p>	<p>PA730</p>	<p>PA834</p>
			
<p>PA887</p>	<p>PA901</p>	<p>PA940</p>	<p>PA957</p>
			
<p>PA958</p>	<p>PA959</p>		

		GRAF ref.			NOTE	Ad. OE
2.0 DI 16v (60 kW) Eng.X20DTL	99-05	PA730				1334117,90540478
2.0 DTI 16v (74 kW) Eng.Y20DTH	00-05	PA730				1334117,90540478
2.0 OPC (141 kW) Eng.Z20LET	01-05	PA572A		•		1334139,90444359
2.0 OPC (147 kW) Eng.Z20LER	02-05	PA730				1334117,90540478
2.2 16v (108 kW) Eng.Z22SE	00-	PA957	•			6334002,6334042
2.2 DTI 16v (92 kW) Eng.Y22DTR	02-05	PA730				1334117,90540478

Zafira B '10/05-

1.6 16v (77 kW) Eng.Z16XEP	05-	PA959				1334142,24405895
1.8 16v (103 kW) Eng.Z18XEP	05-	PA959				1334142,24405895
1.9 CDTi (74 kW) Eng.Z19DT	05-	PA672		•		6334003
1.9 CDTi (88 kW) Eng.Z19DT	05-	PA672		•		6334003
1.9 CDTi (110 kW) Eng.Z19DTH	05-	PA901		•		1334147
2.0 T. 16v (147 kW) Eng.Z20LER/LEH	05-	PA572A		•		1334139,90444359
2.2 (110 kW) Eng.Z22YH	05-	PA957	•			6334002,6334042

OPEL LCV / VAUXHALL LCV
Arena '03/98-'08/01

2.5 D (55 kW) Eng.S8U782,780,758	98-01	PA178				4404088
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Astra F Van (55) '10/91-'01/99

1.4 i (44 kW) Eng.C14NZ	91-99	PA442		•		1334025,1334065,1334098,90144227 90325660,9192793
1.6 i (52 kW) Eng.X16SZ	93-96	PA442		•		1334025,1334065,1334098,90144227 90325660,9192793
1.6 i (55 kW) Eng.C16NZ	91-93	PA442		•		1334025,1334065,1334098,90144227 90325660,9192793
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.17DR	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

Astra G Van (F70) '01/99-

1.6 (55 kW) Eng.X16SZR	99-00	PA940		•		1334078,6334039
1.6 (62 kW) Eng.Z16SE	00-	PA442		•	Eng. 02MZ5253	1334025,1334065,1334098,90144227 90325660,9192793
	00-	PA940		•	Eng. 02MZ5254	1334078,6334039
1.7 TD (50 kW) Eng.X17DTL	99-	PA572		•		1334041,1334050,1334053,90443549 90444311,9192370,R1160032
2.0 DI (60 kW) Eng.X20DTL	99-	PA730				1334117,90540478

Combo I (71) '07/94-'10/01

1.2 (33 kW) Eng.C12NZ/X12SZ	94-01	PA442		•		1334025,1334065,1334098,90144227 90325660,9192793
1.4 (44 kW) Eng.C14NZ/X14SZ	94-01	PA442		•		1334025,1334065,1334098,90144227 90325660,9192793
1.4 (60 kW) Eng.C14SE	94-01	PA442		•		1334025,1334065,1334098,90144227 90325660,9192793
1.4 16v (66 kW) Eng.X14XE	99-01	PA541		•		1334046,1334066,90444079,9192797 R1160030
1.7 D (44 kW) Eng.X17D/17D(4EE1)	94-01	PA571			Eng. -00877697	1334031,1334052,1334105,94341998 97101320,97110387
	94-01	PA664			Eng. 00877698-	1334115,97114682

Combo II '10/01-

1.3 CDTI 16V (51 kW) Eng.Z13DT	04-	PA887				1334647,6334001
1.3 CDTI 16v (55 kW) Eng.Z13DTJ	05-	PA887				1334647,6334001
1.4 (66 kW) Eng.Z14XEP	04-	PA958				1334145,24469102
1.6 (64 kW)	01-	PA940		•		1334078,6334039
1.6 16v (69 kW)	06-	PA541A		•		1334077,6334035,9199592
1.7 DI 16v (48 kW) Eng.Y17DTL	01-	PA834				1334073

3 fori mozzo / 3-hole hub



PA108



PA236



PA324



PA325



PA410



PA441



PA442



PA443



PA531



PA571



PA664



PA729



PA750



PA751



PA803



PA822



PA834



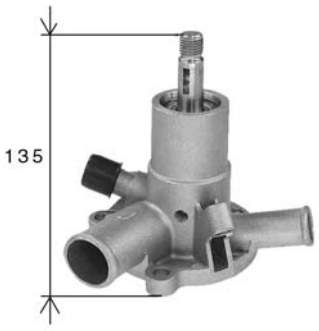




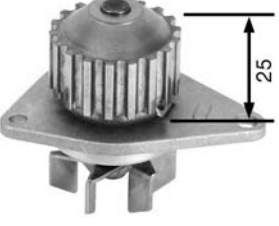





PA887



PA958

		GRAF ref.			NOTE	Ad. OE
1.7 DTI 16v (55 kW) Eng.Y17DT	01-	PA834				1334073
Corsa A Van / Nova Van '02/86-'04/89						
1.0 (33 kW) Eng.10S	86-89	PA108				1334027,1334071,90091035,90409912
1.2 (33 kW) Eng.E12GV/12NC	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
	87-89	PA571			Eng. 804795-909999	1334031,1334052,1334105,94341998 97101320,97110387
Corsa B Van (73) / Corsa Van '08/99-'09/00						
1.4 i (44 kW) Eng.X14SZ	99-00	PA442		•		1334025,1334065,1334098,90144227 90325660,9192793
1.7 D (44 kW) Eng.X17D/17D(4EE1)	99-00	PA571			Eng. -00877697	1334031,1334052,1334105,94341998 97101320,97110387
	99-00	PA664			Eng. 00877698-	1334115,97114682
Corsa C Van (F08, W5L) / Corsa II Van '09/00-						
1.2 (59 kW)	05-	PA958				1334145,24469102
1.2 16v (55 kW) Eng.Z12XE	00-	PA729	•			1334079,1334130,6334025,90542606
1.3 CDTI 16V (51 kW) Eng.Z13DT	05-	PA887				1334647,6334001
1.7 DI 16v (48 kW) Eng.Y17DTL	00-	PA834				1334073
1.7 DTI 16v (55 kW) Eng.Y17DT	00-	PA834				1334073
Kadett E Van / Astra E Van '08/84-'07/94						
1.2 (40 kW) Eng.12SC	84-86	PA108			Eng. OHV	1334027,1334071,90091035,90409912
	84-86	PA442		•	Eng. OHC	1334025,1334065,1334098,90144227 90325660,9192793
1.3 N (44 kW) Eng.13NB/N	84-89	PA441		•		1334004,1334023,1334070,90076952 90183273,90349241
1.4 i (44 kW) Eng.C14NZ	90-94	PA443		•	Eng. -02J22349/19311737	1334011,1334024,90234200,90325661
	90-94	PA442		•	Eng. 02J22350/19311738-	1334025,1334065,1334098,90144227 90325660,9192793
1.6 Combo (60 kW) Eng.16SV	86-91	PA443		•	Ch -02J22349	1334011,1334024,90234200,90325661
	86-91	PA442		•	Ch 02J22350-	1334025,1334065,1334098,90144227 90325660,9192793
1.6 D (40 kW) Eng.16D/DA	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
1.7 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
Movano '07/98-						
1.9 DTI (59-60 kW) Eng.F9Q770	10/01-	PA822		•		4408028
	9/00-10/01	PA531				4409162
2.2 DTI (66 kW) Eng.G9T720	00-	PA803				4401595,4506045
2.5 D (59 kW) Eng.S8U770	99-00	PA750				4501293
2.5 DTI (84 kW) Eng.G9U720	01-	PA803				4401595,4506045
2.8 DTI (84 kW) Eng.S9W702	98-	PA751				4501294
Vivaro '08/01-						
1.9 DI (60 kW) Eng.F9Q.774	01-	PA822		•		4408028
1.9 DTI (74 kW) Eng.F9Q760	01-	PA822		•		4408028
2.0 16v (88 kW) Eng.F4R.720	01-	PA822		•		4408028
2.5 DTI (99 kW) Eng.G9U.730	03-	PA803				4401595,4506045

 <p>149</p>		 <p>135</p>	
<p>PA095</p>	<p>PA147</p>	<p>PA154</p>	<p>PA197</p>
 <p>n° 20 Denti/Teeth</p>	 <p>n° 20 Denti/Teeth</p>	 <p>n° 19 Denti/Teeth</p>	 <p>25</p>
<p>PA491</p>	<p>PA628</p>	<p>PA683</p>	<p>PA837</p>
 <p>n° 21 Denti/Teeth</p>			
<p>PA859</p>	<p>PA941</p>	<p>PA1020</p>	

		GRAF ref.			NOTE	Ad. OE
1007 '04/05-						
1.4 (55 kW) Eng.KFV(TU3JP)	05-	PA837		•		1201.G0
1.4 16V (65 kW)	05-	PA941		•		1201.G2
1.4 HDi (50 kW) Eng.8HX/8HZ(DV4TD)	05-	PA859		•		1201.F9/G8
1.6 (80 kW) Eng.NFU(TU5JP4)	05-	PA683		•		1201.A2/E5
104 '10/72-'06/88						
0.95 (32-33 kW) Eng.108C(XV8/3/5)	83-88	PA147				1201.69,1202.58
1.1, Coupé (37 kW) Eng.109F(XW7)	79-83	PA147				1201.69,1202.58
1.1, Coupé (42 kW) Eng.109(XW3)	76-83	PA147				1201.69,1202.58
1.1, Coupé (49 kW) Eng.121(XW3S)	73-80	PA147				1201.69,1202.58
1.2 (42 kW) Eng.129(XZ5)	79-83	PA147				1201.69,1202.58
1.4, Coupé (53 kW) Eng.150(XY6B)	79-84	PA147				1201.69,1202.58
106 I (1A, 1C) '09/91-'04/96						
0.95 (33 kW) Eng.CDY(TU9M)	91-96	PA628		•		1201.E3,1207.18/23
0.95 (37 kW)	91-96	PA628		•		1201.E3,1207.18/23
1.1 (41 kW)	91-96	PA628		•		1201.E3,1207.18/23
1.1 (44 kW) Eng.HDZ(TU1M)	91-96	PA628		•		1201.E3,1207.18/23
1.3 (72 kW) Eng.TU2J2	93-96	PA628		•		1201.E3,1207.18/23
1.4 (55 kW) Eng.KDY(TU3M)/KDX(TU3MC)	91-96	PA628		•		1201.E3,1207.18/23
1.4 (65 kW)	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
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)	94-96	PA491		•		1201.58/.E4/.E6,1207.25
1.6 (65 kW) Eng.NFZ(TU5JP)	93-96	PA628		•		1201.E3,1207.18/23
1.6 (76 kW) Eng.NFY(TU5J2)	94-96	PA491		•		1201.58/.E4/.E6,1207.25
106 II (1) '05/96-						
0.95 (33-37 kW) Eng.CDY/Z(TU9M)	96-	PA628		•		1201.E3,1207.18/23
1.1 i (40 kW) Eng.HDY(TU1M)	97-	PA628		•		1201.E3,1207.18/23
1.1 i (44 kW) Eng.HDZ(TU1M)/HFX(TU1JP)	96-	PA837		•		1201.G0
1.4 i (55 kW) Eng.KFW(TU3JP)/KFX(TU3JP)	96-	PA628		•		1201.E3,1207.18/23
1.5 D (40-42 kW) Eng.VJX,Y(TUD5)	96-	PA491		•		1201.58/.E4/.E6,1207.25
1.6 S16/Rallye (87 kW) Eng.NFX(TU5J4)	96-	PA683		•		1201.A2/E5
1.6 i (65 kW) Eng.NFZ(TU5JP)	96-	PA491		•		1201.58/.E4/.E6,1207.25
1.6 i (74 kW) Eng.NFW/NFY(TU5J2)	96-	PA491		•		1201.58/.E4/.E6,1207.25
107 '06/05-						
1.0 (50 kW) Eng.1KRFE	05-	PA1020				1201.H0
1.4 HDi (40 kW) Eng.DV4TD	05-	PA859		•		1201.F9/G8
204 '10/65-'10/77						
1.1 (43 kW) Eng.XK5	75-77	PA095			w/AF	1201.19/.29,1202.40/.50/.55/.67
	75-77	PA154				1201.30/.39/.56/.68
1.1, Cabrio (39-40 kW) Eng.XK	65-69	PA095			w/AF	1201.19/.29,1202.40/.50/.55/.67
	65-69	PA154				1201.30/.39/.56/.68
1.2 D Break (29 kW) Eng.XLD	68-73	PA154				1201.30/.39/.56/.68
1.3 D Break (33 kW) Eng.XL4D	73-77	PA154				1201.30/.39/.56/.68
205 I (741A/C/B) '02/83-'10/87						
0.95 (33 kW) Eng.108C(XV8)	83-87	PA147				1201.69,1202.58
1.1 (36-37 kW) Eng.109N,F(XW7)	86-87	PA147				1201.69,1202.58
1.3 (47 kW) Eng.G1	84-87	PA197				1201.45
1.4 (53 kW) Eng.150(XY6B)	83-87	PA147				1201.69,1202.58
1.4, CT Cabrio (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
1.6 (53 kW) Eng.B1E(XU51C)	3/87-10/87	PA197				1201.45
1.6 (55 kW) Eng.B1A XU51C /BAZ(XU5CP)	86-87	PA197				1201.45

<p>149</p>			<p>Ø 60</p>
<p>PA095</p>	<p>PA147</p>	<p>PA197</p>	<p>PA256</p>
<p>Ø 60</p>	<p>Ø 69</p>	<p>Ø 69</p>	<p>n° 20 Denti/Teeth</p>
<p>PA348</p>	<p>PA391</p>	<p>PA393</p>	<p>PA491</p>
<p>n° 20 Denti/Teeth</p>	<p>n° 19 Denti/Teeth</p>	<p>Ø 71,5</p>	<p>25</p>
<p>PA628</p>	<p>PA683</p>	<p>PA747</p>	<p>PA837</p>
<p>n° 21 Denti/Teeth</p>	<p>Ø 55</p>	<p>Ø 61</p>	<p>n° 19 Denti/Teeth</p>
<p>PA859</p>	<p>PA862</p>	<p>PA863</p>	<p>PA938</p>
<p>PA941</p>	<p>PA994</p>		

		GRAF ref.			NOTE	Ad. OE
1.6 (63 kW)	84-87	PA197				1201.45
1.6 GTI, CTI Cabrio (76 kW) Eng.180A/Z(XU5J)	84-87	PA256		•		1201.39,1201.63
1.7 D (44 kW) Eng.161A(XUD7)	83-87	PA256		•		1201.39,1201.63
1.9 GTI (94 kW) Eng.D6B(XU9JA)	86-87	PA256		•		1201.39,1201.63

205 II (20A/C) '01/87-'09/98

0.95 (33 kW) Eng.TU9	87-93	PA628		•		1201.E3,1207.18/.23
1.1 (36 kW) Eng.109N(XW7)	87-05/88	PA147				1201.69,1202.58
1.1 (40-44 kW) Eng.H1B TU1/HDZ(TU1M)	87-94	PA628		•		1201.E3,1207.18/.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
1.4 (44 kW) Eng.150G/D(XY7)	87-89	PA147				1201.69,1202.58
1.4 (53 kW) Eng.150(XY6B)	87-05/88	PA147				1201.69,1202.58
1.4 (58 kW) Eng.150B/H(XY8)	88-89	PA147				1201.69,1202.58
1.4 (62 kW) Eng.K2B(TU3S)	87-89	PA628		•		1201.E3,1207.18/.23
1.4 CJ, Kat Cabrio (44 kW) Eng.KAY(TU3CP)	89-93	PA628		•		1201.E3,1207.18/.23
1.4, CJ Cabrio (49 kW) Eng.K1D(TU3A)	87-94	PA628		•		1201.E3,1207.18/.23
1.4, CJ Cabrio (55 kW) Eng.(TU3M)/(TU3JP)	88-98	PA491		•	BH Cast iron	1201.58/.E4/.E6,1207.25
	88-98	PA628		•	BH Carter Alloy	1201.E3,1207.18/.23
1.6 (53 kW) Eng.B1E(XU51C)	87-98	PA348		•		1201.50/.61
1.6 (55 kW) Eng.BAZ(XU5CP)/B1A(XU51C)	87-98	PA348		•		1201.50/.61
1.6 Aut. (58 kW)	87-98	PA348		•		1201.50/.61
1.6 CJ Cabrio, Aut (65 kW) Eng.BDY(XU5M3Z/2Z)	90-98	PA256		•		1201.39,1201.63
1.6 GTI (76 kW) Eng.180Z/A(XU5J)	87-89	PA256		•		1201.39,1201.63
1.6 GTI (85 kW)	87-89	PA256		•		1201.39,1201.63
1.6 GTX (69 kW) Eng.J2	87-91	PA197				1201.45
1.7 D (44 kW) Eng.161A(XUD7)	87-89	PA393		•		1201.48/.51/.60/.62
1.7 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 (75-88 kW) Eng.DKZ XU9JAZ/XU9J1	1/92-94	PA348		•		1201.50/.61
	871/92	PA256		•		1201.39,1201.63
1.9 GTI (94 kW) Eng.D6B(XU9JA)	1/92-98	PA348		•		1201.50/.61
	87-1/92	PA256		•		1201.39,1201.63

206 (2A/C), SW '09/98-

1.1 i (44 kW) Eng.HFX/HFZ(TU1JP)	98-	PA628		•	20 pulley teeth	1201.E3,1207.18/.23
	98-	PA837		•	18 pulley teeth	1201.G0
1.4 16v (65 kW) Eng.ET3J4	03-	PA941		•		1201.G2
1.4 HDi (50 kW) Eng.8HX(DV4TD)	01-	PA859		•		1201.F9/.G8
1.4 i (55 kW) Eng.KFX/KFW(TU3JP)	98-	PA628		•	20 pulley teeth	1201.E3,1207.18/.23
	98-	PA837		•	18 pulley teeth	1201.G0
1.6 16v (80 kW) Eng.NFU(TU5JP4)	00-	PA683		•		1201.A2/.E5
1.6 HDi FAP 110 (80 kW) Eng.DV6TED4FAP	04-	PA938		•		1201.G1/.G9
1.6 i (Exc. SW) (65 kW) Eng.NFZ(TU5JP)	98-12/00	PA491		•		1201.58/.E4/.E6,1207.25
1.9 D (Exc. SW) (51 kW) Eng.WJZ(DW8)	98-01	PA747		•		1201.C4
2.0 HDI 90 (66 kW) Eng.RHY(DW10TD)	99-	PA747		•		1201.C4
2.0 RC (Exc. SW) (130 kW) Eng.RFK(EW10J4S)	03-	PA863	•	•		1201.E7/.F5/.G5/.J2
2.0 S16 (100 kW) Eng.RFN(EW10J4)	9/00-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 S16 (Exc. SW) (99 kW) Eng.RFR(DEW10J4)	99-00	PA862	•	•		1201.E1/.F4/.G4/.J1

207 '04/06-

1.4 (53 kW) Eng.KFV(TU3JP)	4/06-	PA837		•		1201.G0
1.4 16v (65 kW) Eng.KFU(ET3J4)	4/06-	PA941		•		1201.G2
1.4 HDi (50 kW) Eng.8HX(DV4TD)	4/06-	PA859		•		1201.F9/.G8
1.6 16v (80 kW) Eng.NFU(TU5JP4)	4/06-	PA683		•		1201.A2/.E5
1.6 16v THP (110 kW) Eng.EP6DT	06-	PA994				1201.H8
1.6 HDi (66-80 kW) Eng.DV6ATED4	4/06-	PA938		•		1201.G1/.G9

304 '10/69-'10/80

1.1 Break (43 kW) Eng.XK5	76-80	PA095			w/AF	1201.19/.29,1202.40/.50/.55/.67
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<p>149</p>	<p>135</p>	<p>Ø 60</p>	<p>Ø 60</p>
<p>PA095</p>	<p>PA154</p>	<p>PA256</p>	<p>PA348</p>
<p>Ø 69</p>	<p>Ø 69</p>	<p>n° 20 Denti/Teeth</p>	<p>n° 20 Denti/Teeth</p>
<p>PA391</p>	<p>PA393</p>	<p>PA491</p>	<p>PA628</p>
<p>Ø 69</p>	<p>Ø 60</p>	<p>Ø 71,5</p>	<p>Ø 71,5</p>
<p>PA641</p>	<p>PA642</p>	<p>PA747</p>	<p>PA911</p>

		GRAF ref.			NOTE	Ad. OE
1.1 Break (43 kW) Eng.XK5	76-80	PA154				1201.30/.39/.56/.68
1.3 Break,GT, Coupè, Cabrio (48 kW) Eng.XL3	69-75	PA095			w/AF	1201.19/.29,1202.40/.50/.55/.67
	69-75	PA154				1201.30/.39/.56/.68
1.3 GL, Break (48 kW) Eng.XL5	72-79	PA095			w/AF	1201.19/.29,1202.40/.50/.55/.67
	72-79	PA154				1201.30/.39/.56/.68
1.3, Coupé, Cabrio (55 kW) Eng.XL5S/XL3S	72-76	PA095			w/AF	1201.19/.29,1202.40/.50/.55/.67
	72-76	PA154				1201.30/.39/.56/.68
1.4 D, Break (33 kW) Eng.XL4D	76-79	PA154				1201.30/.39/.56/.68
1.5 D, Break (35 kW) Eng.XIDL	76-80	PA095			w/AF	1201.19/.29,1202.40/.50/.55/.67
	76-80	PA154				1201.30/.39/.56/.68

305 I (581A) '11/77-'09/82

1.1 (43 kW)	77-82	PA095			w/AF	1201.19/.29,1202.40/.50/.55/.67
	77-82	PA154				1201.30/.39/.56/.68
1.3, Break (44-48 kW) Eng.118(XL5)	77-82	PA095			w/AF	1201.19/.29,1202.40/.50/.55/.67
	77-82	PA154				1201.30/.39/.56/.68
1.5 (65 kW) Eng.117(XR5S)	80-82	PA095			w/AF	1201.19/.29,1202.40/.50/.55/.67
	80-82	PA154				1201.30/.39/.56/.68
1.5 D, Break (36 kW) Eng.149(XID)	77-82	PA095			w/AF	1201.19/.29,1202.40/.50/.55/.67
	77-82	PA154				1201.30/.39/.56/.68
1.5, Break (54 kW) Eng.142(XR5)	79-82	PA095			w/AF	1201.19/.29,1202.40/.50/.55/.67
	79-82	PA154				1201.30/.39/.56/.68

305 II (581M/E), Break '10/82-'07/90

1.1 (Exc. Break) (43 kW)	82-88	PA095			w/AF	1201.19/.29,1202.40/.50/.55/.67
	82-88	PA154				1201.30/.39/.56/.68
1.3 (44 kW) Eng.118(XL5)	82-85	PA095			w/AF	1201.19/.29,1202.40/.50/.55/.67
	82-85	PA154				1201.30/.39/.56/.68
1.5 (50-54 kW) Eng.142(XR5/A)	85-90	PA095			w/AF	1201.19/.29,1202.40/.50/.55/.67
	85-90	PA154				1201.30/.39/.56/.68
1.6 (54 kW) Eng.BAZ(XU5CP)	86-88	PA256		•		1201.39,1201.63
1.6 (55 kW) Eng.B1A(XU51C)	82-88	PA256		•		1201.39,1201.63
1.6 (66-71 kW) Eng.171(XU5S)	84-87	PA256		•		1201.39,1201.63
1.6 (Exc. Break) (69 kW)	82-88	PA256		•		1201.39,1201.63
1.8 D (44 kW)	10/86-88	PA393		•		1201.48/.51/.60/.62
	82-9/86	PA256		•		1201.39,1201.63
1.9 (72 kW) Eng.DFZ(XU9J1)	86-88	PA256		•		1201.39,1201.63
1.9 (75 kW) Eng.159(XU9S)	82-85	PA256		•		1201.39,1201.63
1.9 D (47-48 kW) Eng.162/D9A(XUD9)	10/86-88	PA393		•		1201.48/.51/.60/.62
	82-9/86	PA256		•		1201.39,1201.63

306 (7B, N3) '05/93-

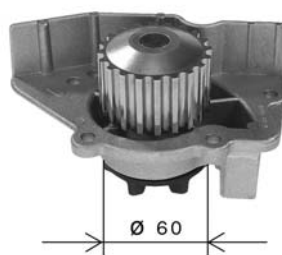
1.1 (44 kW) Eng.HDZ(TU1M)	93-	PA628		•		1201.E3,1207.18/.23
1.4 SL (55 kW) Eng.(TU3JP)/(TU3MC)	93-	PA628		•		1201.E3,1207.18/.23
1.6 SR, Cabrio (65 kW) Eng.NFZ(TU5JP)	93-00	PA491		•		1201.58/.E4/.E6,1207.25
1.6, Cabrio (72 kW) Eng.NFT	00-	PA491		•		1201.58/.E4/.E6,1207.25
1.8 16v, Cabrio (81 kW) Eng.LFY(XU7JP4)	97-	PA642		•		1201.98
1.8 D (43 kW) Eng.A9A(XUD7)	93-	PA391		•		1201.52/.65/.67/.91/.A4
	93-	PA393		•		1201.48/.51/.60/.62
1.8 ST, Cabrio (74 kW) Eng.LFZ(XU7JP)	93-	PA348		•		1201.50/.61
1.8i (69 kW)	93-	PA348		•		1201.50/.61
1.9 D (51 kW) Eng.WJZ(DW8)/WJY(DW8B)	98-	PA747		•		1201.C4
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)	93-	PA391		•		1201.52/.65/.67/.91/.A4
	93-	PA393		•		1201.48/.51/.60/.62
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 kW) Eng.DHY(XUD9TE)	93-	PA393		•		1201.48/.51/.60/.62
	93-	PA911		•		1201.A8
2.0 16v, Cabrio (97 kW) Eng.RFV(XU10J4R)	97-	PA641		•		1201.93/.A1
2.0 HDI 90 (66 kW) Eng.RHY(DW10TD)	99-	PA747		•		1201.C4



PA197



PA256



PA348



PA391



PA393



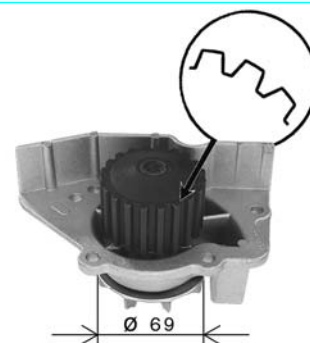
n° 20 Denti/Teeth

PA491

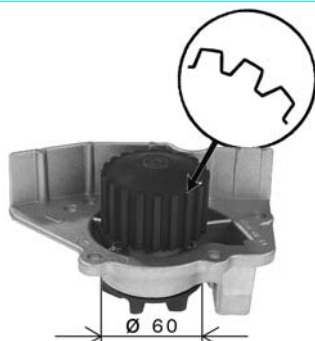


n° 20 Denti/Teeth

PA628



PA641

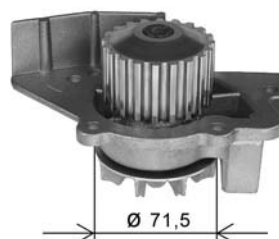


PA642



n° 19 Denti/Teeth

PA683



PA747



n° 21 Denti/Teeth

PA859



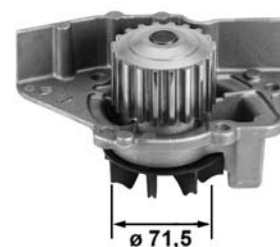
PA861



PA862



PA863



PA911



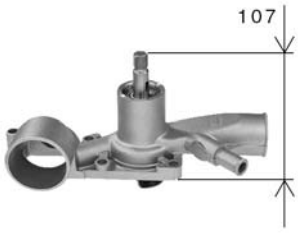
n° 19 Denti/Teeth

PA938

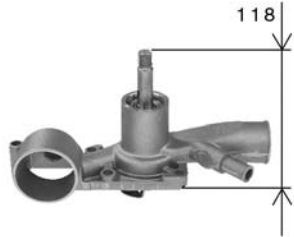


PA941

		GRAF ref.			NOTE	Ad. OE
2.0 S16 (110 kW) Eng.RFT(XU10J4)	94-	PA391		•		1201.52/.65/.67/.91/.A4
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 ST, XSi, Cabrio (89 kW) Eng.RFX(XU10J2)	93-	PA391		•		1201.52/.65/.67/.91/.A4
306 (N5) Break '05/93-						
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
1.6, Cabrio (72 kW) Eng.NFT	00-	PA491		•		1201.58/.E4/.E6,1207.25
1.8 16v, Cabrio (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
	93-	PA393		•		1201.48/.51/.60/.62
1.8 ST, Cabrio (74 kW) Eng.LFZ(XU7JP)	93-	PA348		•		1201.50/.61
1.8i (69 kW)	93-	PA348		•		1201.50/.61
1.9 D (51 kW) Eng.WJZ(DW8)/WJY(DW8B)	98-	PA747		•		1201.C4
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 kW) Eng.DHY(XUD9TE)	93-	PA393		•		1201.48/.51/.60/.62
	93-	PA911		•		1201.A8
2.0 16v, Cabrio (97 kW) Eng.RFV(XU10J4R)	97-	PA641		•		1201.93/.A1
2.0 HDI 90 (66 kW) Eng.RHY(DW10TD)	99-	PA747		•		1201.C4
307 I (3A/C), SW '08/00-'06/05						
1.4 (55 kW) Eng.KFW(TU3JP)	00-	PA628		•		1201.E3,1207.18/.23
1.4 16v (65 kW) Eng.ET3J4	00-	PA941		•		1201.G2
1.4 HDi (50 kW) Eng.8HZ/8HX(DV4TD)	01-	PA859		•		1201.F9/.G8
1.6 16v, Cabrio (80 kW) Eng.NFU(TU5JP4)	00-	PA683		•		1201.A2/.E5
1.6 HDi FAP (80 kW) Eng.9HY(DV6TED4)	04-	PA938		•		1201.G1/.G9
2.0 16V (103 kW) Eng.RFJ(EW10A)	05-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 16v (100 kW) Eng.RFN(EW10J4)	00-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 HDI 90 (66 kW) Eng.RHY(DW10TD)	02-	PA747		•		1201.C4
2.0 HDi FAP (79 kW) Eng.RHS(DW10ATED4)	00-	PA747		•		1201.C4
2.0 HDi FAP, Cabrio (100 kW) Eng.RHR(DW10BTED4)	03-	PA861		•		1201.E8
2.0, Cabrio (130 kW) Eng.RFK(EW10J4S)	03-	PA863	•	•		1201.E7/.F5/.G5/.J2
307 II, SW '07/05-						
1.4 16v (65 kW) Eng.ET3J4	05-	PA941		•		1201.G2
1.6 16v (80 kW) Eng.NFU(TU5JP4)	05-	PA683		•		1201.A2/.E5
1.6 16v HDi (66 kW) Eng.DV6ATED4	05-	PA938		•		1201.G1/.G9
1.6 16v HDi (80 kW) Eng.9HY(DV6TED4)	05-	PA938		•		1201.G1/.G9
2.0 16v (103 kW) Eng.RFJ(EW10A)	05-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 16v (130 kW) Eng.RFK(EW10J4S)	05-	PA863	•	•		1201.E7/.F5/.G5/.J2
2.0 16v HDi (100 kW) Eng.RHR(DW10BTED4)	05-	PA861		•		1201.E8
309 I (10C, 10A) '10/85-'12/89						
1.1 (40 kW) Eng.E1A	85-89	PA197				1201.45
1.3 (47 kW) Eng.G1A	85-89	PA197				1201.45
1.4 (49-55 kW) Eng.K1D(TU3A/M)	3/89-7/89	PA628		•		1201.E3,1207.18/.23
1.4 (62 kW) Eng.K2B(TU3S)	3/89-7/89	PA491		•		1201.58/.E4/.E6,1207.25
1.5 (63 kW) Eng.Y2-K	87-89	PA197				1201.45
1.6 (53-59 kW) Eng.B1E(XU51C)	85-89	PA256		•		1201.39,1201.63
1.6 (69 kW) Eng.J2	86-89	PA197				1201.45
1.6 (76 kW) Eng.B6B/180Z(XU5J)	85-88	PA256		•		1201.39,1201.63
1.6, Kat (55 kW) Eng.B1A(XU51C)/BAZ(XU5CP)	85-89	PA256		•		1201.39,1201.63
1.9 (72 kW) Eng.DFZ(XU9J1)	86-89	PA256		•		1201.39,1201.63
1.9 (75 kW) Eng.D2B(XU9S)	85-89	PA256		•		1201.39,1201.63
1.9 (80 kW) Eng.DDZ(XU9M)	88-89	PA256		•		1201.39,1201.63
1.9 D (47 kW) Eng.16/D9A2(XUD9)	11/86-89	PA393		•		1201.48/.51/.60/.62
	6/86-10/86	PA256		•		1201.39,1201.63
1.9 GTI (88 kW) Eng.DKZ(XU9JAZ)	88-89	PA348		•		1201.50/.61
1.9 GTI (94 kW) Eng.D6B(XU9JA)	86-89	PA348		•		1201.50/.61



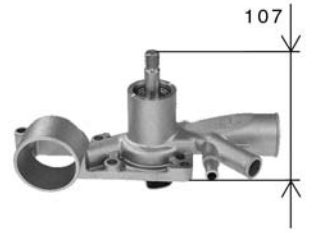
PA073



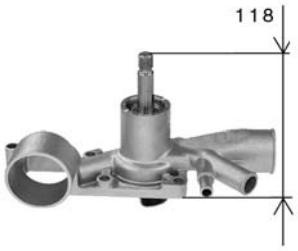
PA074



PA096



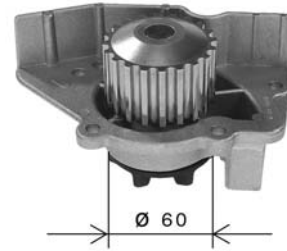
PA188



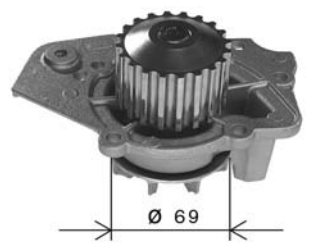
PA190



PA256



PA348



PA393



n° 20 Denti/Teeth

PA491



n° 20 Denti/Teeth

PA628

		GRAF ref.			NOTE	Ad. OE
309 II (3C, 3A) '07/89-'12/93						
1.1 (44 kW) Eng.HDZ(TU1M)	90-93	PA628		•		1201.E3,1207.18/23
1.4 (49 kW) Eng.K1D(TU3A)	90-93	PA628		•		1201.E3,1207.18/23
1.4 (55 kW) Eng.KDZ/KDY(TU3M)	2/92-93	PA491		•		1201.58/.E4/.E6,1207.25
	9/89-1/92	PA628		•		1201.E3,1207.18/23
1.6 (65 kW) Eng.BDY(XU5M2Z/3Z)/BDZ(XU5M)	2/92-93	PA348		•		1201.50/.61
	86-1/92	PA256		•		1201.39,1201.63
1.6 (68-69 kW) Eng.B2A(XU52C-K)	2/92-93	PA348		•		1201.50/.61
	86-1/92	PA256		•		1201.39,1201.63
1.8 D (44 kW) Eng.161A(XUD7)	89-93	PA393		•		1201.48/.51/.60/.62
1.8 TD (57 kW) Eng.A8B(XUD7TE)	89-93	PA393		•		1201.48/.51/.60/.62
1.9 (72-80 kW) Eng.DFZ(XU9J1/XU9M)	2/92-93	PA348		•		1201.50/.61
	89-1/92	PA256		•		1201.39,1201.63
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(XU9JAZ)	89-93	PA348		•		1201.50/.61
1.9 GTI 16v (108 kW) Eng.DFW(XU9J4Z)	90-93	PA348		•		1201.50/.61
1.9 GTI 16v (116 kW) Eng.D6C(XU9J4)	89-90	PA348		•		1201.50/.61
404 '04/63-'12/71						
1.6, GT, Cabrio (48-50-54-59 kW) Eng.XC6	63-71	PA073			w/Thermo	1202.13,1202.37
	63-71	PA074			w/AF, w/Thermo	1202.48/.59/.84
	63-71	PA188				1201.78/.69/.83
	63-71	PA190			w/AF	1202.70/.71
2.0 (71 kW) Eng.XN1	63-71	PA188				1201.78/.69/.83
	63-71	PA190			w/AF	1202.70/.71
2.0D Eng.XD88	63-71	PA096				1202.44,1202.90
405 I (15B) '01/87-'12/93						
1.4 (47 kW) Eng.TU3A	87-92	PA628		•		1201.E3,1207.18/23
1.6 (53 kW) Eng.B1E(XU51C)	87-92	PA256		•		1201.39,1201.63
1.6 (55 kW) Eng.B1E(XU51C)/BAZ(XU5CP)	87-88	PA256		•		1201.39,1201.63
1.6 (69 kW)	87-92	PA348		•		1201.50/.61
1.6 (65-66 kW) Eng.BDY(XU5M2Z)/BDZ(XU5M)	87-92	PA256		•		1201.39,1201.63
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		•		1201.39,1201.63
1.9 (88 kW) Eng.DKZ(XU9JAZ)	88-92	PA256		•		1201.39,1201.63
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		•		1201.39,1201.63
1.9 Sport MI-16 (108 kW) Eng.DFW(XU9J4Z)	88-92	PA348		•		1201.50/.61
1.9 Sport MI-16 (116 kW) Eng.D6C(XU9J4)	87-91	PA348		•		1201.50/.61
1.9 Sport MI-16 4WD (108 kW) Eng.DFW(XU9J4Z)	88-92	PA348		•		1201.50/.61
1.9i (77 kW) Eng.DFZ(XU9J1)	87-92	PA256		•		1201.39,1201.63
405 I (15E) Break '01/87-'12/92						
1.6 (53 kW) Eng.B1E(XU51C)	87-92	PA256		•		1201.39,1201.63
1.6 (55 kW) Eng.B1E(XU51C)/BAZ(XU5CP)	87-88	PA256		•		1201.39,1201.63
1.6 (65-66 kW) Eng.BDY(XU5M2Z)/BDZ(XU5M)	87-92	PA256		•		1201.39,1201.63
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		•		1201.39,1201.63
1.9 (88 kW) Eng.DKZ(XU9JAZ)	88-92	PA256		•		1201.39,1201.63
1.9 D (47-51 kW) Eng.(XUD9Y/A)	88-92	PA393		•		1201.48/.51/.60/.62
1.9 GRi/SRi (80 kW) Eng.DDZ(XU9M)	88-92	PA256		•		1201.39,1201.63
1.9 GRi/SRi 4WD (80 kW) Eng.DDZ(XU9M)	88-92	PA256		•		1201.39,1201.63
1.9 Sport MI-16 (108 kW) Eng.DFW(XU9J4Z)	88-92	PA348		•		1201.50/.61
1.9i (77 kW) Eng.DFZ(XU9J1)	87-92	PA256		•		1201.39,1201.63
405 II (4B) '08/92-'10/96						
1.4 (55 kW) Eng.KDX(TU3MC)	92-96	PA491		•		1201.58/.E4/.E6,1207.25
1.6 (65 kW) Eng.XU5M2Z/3Z/XU5JP	92-95	PA348		•		1201.50/.61
1.8 (74 kW) Eng.LFZ(XU7JP)	92-95	PA348		•		1201.50/.61

<p>PA188</p>	<p>PA190</p>	<p>PA251</p>	<p>PA252</p>
<p>PA348</p>	<p>PA391</p>	<p>PA393</p>	<p>PA491</p>
<p>PA542</p>	<p>PA641</p>	<p>PA642</p>	<p>PA653</p>
<p>PA747</p>	<p>PA861</p>	<p>PA862</p>	<p>PA863</p>
<p>PA886</p>	<p>PA911</p>	<p>PA938</p>	<p>PA960</p>

		GRAF ref.			NOTE	Ad. OE
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 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)	92-95	PA391		•		1201.52/.65/.67/.91/.A4
2.0 MI-16 (110-112 kW) Eng.RFY(XU10J4/Z)	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)	92-95	PA391		•		1201.52/.65/.67/.91/.A4

405 II (4E) Break '08/92-'10/96

1.4 (55 kW) Eng.KDX(TU3MC)	92-96	PA491		•		1201.58/.E4/.E6,1207.25
1.6 (65 kW) Eng.XU5M2Z/3Z/XU5JP	92-95	PA348		•		1201.50/.61
1.8 (74 kW) Eng.LFZ(XU7JP)	92-95	PA348		•		1201.50/.61
1.9 (78 kW) Eng.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 kW) Eng.DJY(XUD9A)	94-95	PA391		•		1201.52/.65/.67/.91/.A4
1.9 TD (66 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)	92-95	PA391		•		1201.52/.65/.67/.91/.A4
2.0 X4 (89 kW) Eng.RFX(XU10J2)	92-95	PA391		•		1201.52/.65/.67/.91/.A4

406 (8B/E/F), Break '11/95-'05/04

1.6 (Exc. Break) (65 kW) Eng.BFZ(XU5JP)	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	•	•		1201.E1/.F4/.G4/.J1
1.9 D (55 kW) Eng.DHW(XUD9SD)	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
2.0 16v HPi (103 kW) Eng.RLZ(EW10D)	01-04	PA641		•		1201.93/.A1
2.0 16v, Coupé (97 kW) Eng.RFV(XU10J4R)	95-04	PA641		•		1201.93/.A1
2.0 16v, Coupé (99 kW) Eng.RFR(DEW10J4)	99-00	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 16v, Coupé (100 kW) Eng.RFN(EW10J4)	00-04	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 HDI 110 (80 kW) Eng.RHZ(DW10ATED)	99-01	PA747		•		1201.C4
2.0 HDI 90 (66 kW) Eng.RHY(DW10TD)	99-04	PA747		•		1201.C4
2.0 HDi 110 FAP (79 kW) Eng.RHS(DW10ATED4)	01-04	PA747		•		1201.C4
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	96-04	PA391		•		1201.52/.65/.67/.91/.A4
2.1 TD 12v (80 kW) Eng.P8C(XUD11BTE)	96-04	PA542	•	•		1201.54/.55/.A7/.C5/.C6
2.2 HDi FAP, Coupé (98 kW) Eng.DW12TED4-FAP	00-04	PA861		•		1201.E8
2.2, Coupé (116 kW) Eng.3FZ(EW12J4)	00-04	PA863	•	•		1201.E7/.F5/.G5/.J2
3.0 V6 24v, Coupé (140 kW) Eng.XFZ(ES9J4)	96-04	PA653	•	Ch -08441		1201.A6/.C7
	96-04	PA960	•	Ch 08442-		1201.F2
3.0 V6, Coupé (152 kW) Eng.XFX(ES9J4S)	00-04	PA886		•		1201.F6

407, SW '05/04-

1.6 HDi 110 FAP (80 kW) Eng.RHY(DV6TED4)	04-	PA938		•		1201.G1/.G9
1.8 (85 kW) Eng.EW7J4	04-	PA862	•	•		1201.E1/.F4/.G4/.J1
1.8 16V (92 kW)	05-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 (100 kW) Eng.EW10J4	04-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 16V (103 kW) Eng.RFJ(EW10A)	05-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 HDi 135 FAP (100 kW) Eng.RHR(DW10BTED4)	04-	PA861		•		1201.E8
2.2 (116 kW) Eng.EW12J4	04-	PA863	•	•	Ch -982633	1201.E7/.F5/.G5/.J2
2.2 16V, Coupé (120 kW)	05-	PA863	•	•		1201.E7/.F5/.G5/.J2
3.0, Coupé (155 kW) Eng.ES9A	04-	PA886		•		1201.F6

504 '07/68-'07/86

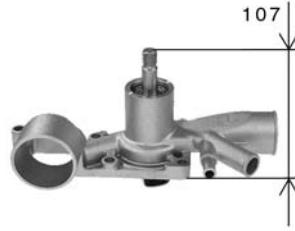
1.8 (58 kW) Eng.XM7	71-83	PA190			Ch -2964000, w/AF	1202.70/.71
	71-83	PA188			Ch -3061637	1201.78/.69/.83
	71-83	PA252			Ch 2964001-, w/AF	1201.89,1202.97
	71-83	PA251			Ch 3061638-	1201.90,1202.98



PA123



PA156



PA188



PA189



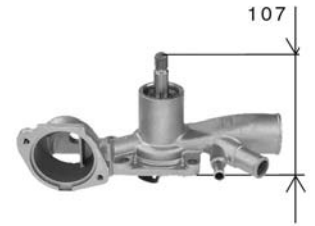
PA190



PA192



PA246



PA251



PA252

		GRAF ref.		NOTE	Ad. OE
1.8 (60 kW) Eng.XM	68-71	PA190		Ch -2964000, w/AF	1202.70/.71
	68-71	PA188		Ch -3061637	1201.78/.69/.83
	68-71	PA252		Ch 2964001-, w/AF	1201.89,1202.97
	68-71	PA251		Ch 3061638-	1201.90,1202.98
1.8 Inj. (71 kW) Eng.KF6/KF5	68-71	PA190		Ch -2964000, w/AF	1202.70/.71
	68-71	PA188		Ch -3061637	1201.78/.69/.83
	68-71	PA252		Ch 2964001-, w/AF	1201.89,1202.97
	68-71	PA251		Ch 3061638-	1201.90,1202.98
1.9 D (40 kW) Eng.XD4x88	73-77	PA192			1202.52/.57/.62/.63
	78-86	PA189			1202.73/.74/.85/.86
2.0 (71-75 kW) Eng.106(XN1)	71-86	PA190		Ch -2964000, w/AF	1202.70/.71
	71-86	PA188		Ch -3061637	1201.78/.69/.83
	71-86	PA252		Ch 2964001-, w/AF	1201.89,1202.97
	71-86	PA251		Ch 3061638-	1201.90,1202.98
2.0 TI, Coupé, Cabrio (78 kW) Eng.107(XN2)	71-84	PA190		Ch -2964000, w/AF	1202.70/.71
	71-84	PA188		Ch -3061637	1201.78/.69/.83
	71-84	PA252		Ch 2964001-, w/AF	1201.89,1202.97
	71-84	PA251		Ch 3061638-	1201.90,1202.98
2.1 D (48 kW) Eng.XD4x90	71-77	PA192			1202.52/.57/.62/.63
	78-86	PA189			1202.73/.74/.85/.86
2.3 D (51 kW) Eng.134(XD2)	75-83	PA156			1201.83/.75/.87

504 Break '04/71-'07/86

1.8 (54 kW) Eng.XM7	71-86	PA190		Ch -2964000, w/AF	1202.70/.71
	71-86	PA188		Ch -3061637	1201.78/.69/.83
	71-86	PA252		Ch 2964001-, w/AF	1201.89,1202.97
	71-86	PA251		Ch 3061638-	1201.90,1202.98
2.0 (68 kW) Eng.XN1	71-86	PA190		Ch -2964000, w/AF	1202.70/.71
	71-86	PA188		Ch -3061637	1201.78/.69/.83
	71-86	PA252		Ch 2964001-, w/AF	1201.89,1202.97
	71-86	PA251		Ch 3061638-	1201.90,1202.98
2.1 D (48 kW) Eng.XD4x90	71-77	PA192			1202.52/.57/.62/.63
	78-86	PA189			1202.73/.74/.85/.86
2.3 D (51 kW) Eng.134(XD2)	75-86	PA156			1201.83/.75/.87

504 Pick-Up '01/80-'12/89

1.6 (46 kW) Eng.XC7P	80-87	PA190		Ch -2964000, w/AF	1202.70/.71
	80-87	PA252		Ch 2964001-, w/AF	1201.89,1202.97
	80-87	PA251		Ch 3061638-	1201.90,1202.98
1.8 (53 kW) Eng.XM7	87-89	PA190		Ch -2964000, w/AF	1202.70/.71
	87-89	PA188		Ch -3061637	1201.78/.69/.83
	87-89	PA252		Ch 2964001-, w/AF	1201.89,1202.97
	87-89	PA251		Ch 3061638-	1201.90,1202.98
1.9 D (40 kW) Eng.XD4x88	80-89	PA189			1202.73/.74/.85/.86
2.3 D (51 kW) Eng.134(XD2)	80-89	PA156			1201.83/.75/.87

505 (551A) '08/79-'12/93

1.6 Eng.XC7	82-86	PA251			1201.90,1202.98
	82-86	PA252		w/AF	1201.89,1202.97
1.8 (55-60-62 kW) Eng.105(XM7)	82-86	PA251			1201.90,1202.98
	82-86	PA252		w/AF	1201.89,1202.97
2.0 (71-79 kW) Eng.106,E(XN1,XN1A)	80-91	PA251			1201.90,1202.98
	80-91	PA252		w/AF	1201.89,1202.97
2.0 TI,STI (81 kW) Eng.829(ZEJ)	79-86	PA123		w/AF	1202.94
	79-86	PA246			1202.93
2.2 (84-85 kW) Eng.851/X(ZDJ/L)	81-93	PA123		w/AF	1202.94
	81-93	PA246			1202.93
2.2 GTI (90 kW) Eng.851B(ZDJL)	83-93	PA123		w/AF	1202.94



PA123



PA128



PA129



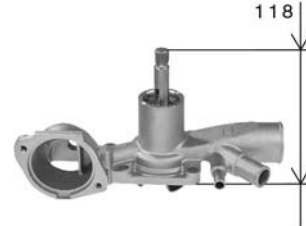
PA156



PA246



PA251



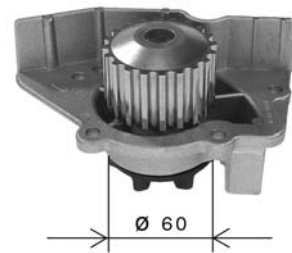
PA252



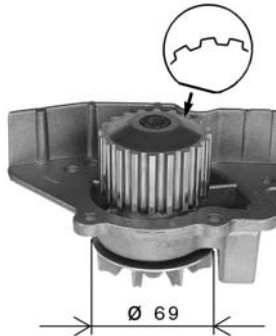
PA297



PA303



PA348



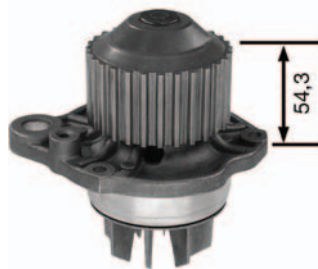
PA391



PA542



PA641



PA653



PA684



PA861



PA862



PA863



PA886



PA906

		GRAF ref.			NOTE	Ad. OE
2.2 GTI (90 kW) Eng.851B(ZDJL)	83-93	PA246				1202.93
2.2 GTI (96 kW)	83-93	PA123			w/AF	1202.94
	83-93	PA246				1202.93
2.3 D (59 kW) Eng.147(XD2)	82-86	PA156				1201.83/.75/.87
2.3 TD (59 kW) Eng.147(XD2S)	80-86	PA128			Ch -1633871	1201.33,1201.73
	80-86	PA303			Ch 1633872-	1201.42,1201.76
2.5 D (51-55 kW) Eng.155(XD3)	81-93	PA297				1201.35,1201.74
2.5 TD (66 kW) Eng.152A(XD3T)	83-93	PA303				1201.42,1201.76
2.5 TD (70 kW)	83-90	PA303				1201.42,1201.76
2.5 TD (77 kW) Eng.152B(XD3TE)	86-93	PA303				1201.42,1201.76

505 Break (551D) '06/81-'12/93

1.8 (55 kW) Eng.105(XM7)	81-85	PA251				1201.90,1202.98
	81-85	PA252			w/AF	1201.89,1202.97
1.8 (60-62 kW) Eng.105(XM7)	82-86	PA251				1201.90,1202.98
	82-86	PA252			w/AF	1201.89,1202.97
2.0 (60 kW)	82-87	PA251				1201.90,1202.98
	82-87	PA252			w/AF	1201.89,1202.97
2.0 (69 kW) Eng.106(XN1)	83-85	PA251				1201.90,1202.98
	83-85	PA252			w/AF	1201.89,1202.97
2.0 (72 kW) Eng.106E(XN1A)	85-87	PA251				1201.90,1202.98
	85-87	PA252			w/AF	1201.89,1202.97
2.2 (84 kW) Eng.851X(ZDJL)	86-93	PA123			w/AF	1202.94
	86-93	PA246				1202.93
2.2 GTI (90 kW) Eng.851B(ZDJL)	85-86	PA123			w/AF	1202.94
	85-86	PA246				1202.93
2.3 D (59 kW) Eng.147(XD2)	82-83	PA156				1201.83/.75/.87
2.5 D (51 kW) Eng.155(XD3)	86-93	PA297				1201.35,1201.74
2.5 D (55 kW) Eng.155(XD3)	83-93	PA297				1201.35,1201.74
2.5 TD (66 kW) Eng.152A(XD3T)	85-87	PA303				1201.42,1201.76
2.5 TD (77 kW) Eng.152B(XD3TE)	86-93	PA303				1201.42,1201.76

604 '08/77-'07/87

2.3 TD (59 kW) Eng.147(XD2S)	79-83	PA129				1202.96
2.5 TD (66 kW) Eng.152A(XD3T)	83-86	PA303				1201.42,1201.76

605 (6B) '06/89-'09/99

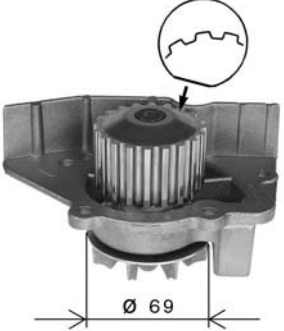



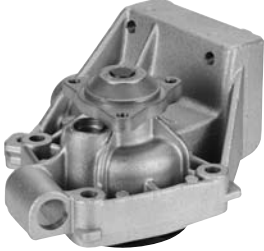






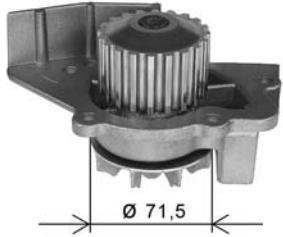



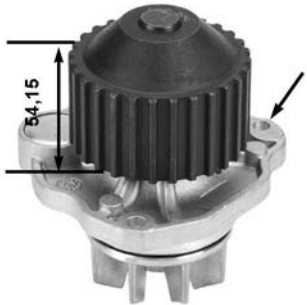

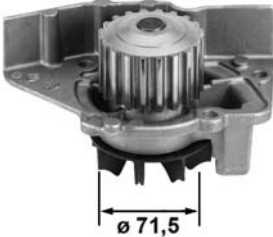


2.0 (79 kW) Eng.XU10M	90-99	PA391		•		1201.52/.65/.67/.91/.A4
2.0 (84 kW) Eng.R5A(XU102C)	89-99	PA391		•		1201.52/.65/.67/.91/.A4
2.0 (89 kW) Eng.RFZ(XU10J2Z)	89-99	PA391		•		1201.52/.65/.67/.91/.A4
2.0 16v (97 kW) Eng.RFV(XU10J4R)	94-99	PA641		•		1201.93/.A1
2.0 T. (104 kW) Eng.RGY(XU10J2TE)	92-99	PA391		•		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 (80 kW) Eng.PHZ(XUD11ATE)	89-99	PA542	•	•		1201.54/.55/.A7/.C5/.C6
2.1 TD 12v (80 kW) Eng.P8C(XUD11BTE)	94-99	PA542	•	•		1201.54/.55/.A7/.C5/.C6
2.5 TD (95 kW) Eng.THY(DK5ATE)	94-99	PA684				1201.A5
3.0 V6 (140 kW)	97-99	PA653		•		1201.A6/.C7

607 (9D) '02/00-

2.0 (100 kW) Eng.RFN	00-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 HDi (100 kW) Eng.DW10ATED	05-	PA861		•		1201.E8
2.2 16V (120 kW)	05-	PA861		•		1201.E8
2.2 16v (116 kW) Eng.3FZ(EW12J4)	00-	PA863	•	•		1201.E7/.F5/.G5/.J2
2.2 HDi (98 kW) Eng.4HX(DW12TED4-FAP)	00-	PA861		•		1201.E8
3.0 V6 24v (152 kW) Eng.XFX(ES9J4S)	00-	PA906		•		1201.E9
3.0 V6 24v (155 kW) Eng.XFV(ES9A)	04-	PA886		•		1201.F6

806 (221) '06/94-'08/02

1.8 (73 kW) Eng.LFW(XU7JP)	95-02	PA348		•		1201.50/.61

			
<p>PA391</p>	<p>PA393</p>	<p>PA491</p>	<p>PA542</p>
			
<p>PA607</p>	<p>PA628</p>	<p>PA641</p>	<p>PA643</p>
			
<p>PA684</p>	<p>PA685</p>	<p>PA686</p>	<p>PA747</p>
			
<p>PA861</p>	<p>PA862</p>	<p>PA863</p>	<p>PA886</p>
			
<p>PA900</p>	<p>PA911</p>	<p>PA996</p>	<p>PA1026</p>

		GRAF ref.			NOTE	Ad. OE
1.9 TD (66-68 kW) Eng.DHX(XUD9TE)	95-02	PA911		•		1201.A8
2.0 (89 kW) Eng.RFU(XU10J2)	94-02	PA391		•		1201.52/.65/.67/.91/.A4
2.0 16v (97 kW) Eng.RFV(XU10J4R)	98-00	PA641		•		1201.93/.A1
2.0 16v (100 kW) Eng.RFN(EW10J4)	00-02	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 HDI, 16v (80 kW) Eng.DW10ATED/4	99-02	PA747		•		1201.C4
2.0 T. (108 kW) Eng.RGX(XU10J2TE)	94-02	PA391		•		1201.52/.65/.67/.91/.A4
2.1 TD 12v (80 kW) Eng.P8C(XUD11BTE)	96-99	PA542	•	•		1201.54/.55/.A7/.C5/.C6

807 (E) '06/02-

2.0 (100 kW) Eng.RFN(EW10J4)	02-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 16V (103 kW) Eng.RFJ(EW10A)	05-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 HDi (80 kW) Eng.RHW(DW10ATED4)	02-	PA747		•		1201.C4
2.0 HDi FAP (79 kW) Eng.RHS(DW10ATED4)	02-	PA747		•		1201.C4
2.2 (116 kW) Eng.3FZ(EW12J4)	02-	PA863	•	•		1201.E7/.F5/.G5/.J2
2.2 HDi FAP (94 kW) Eng.4HX(DW12TED4-FAP)	02-	PA861		•		1201.E8
3.0 V6 (150 kW) Eng.XFX(ES9J4S)	02-	PA886		•		1201.F6

PEUGEOT LCV
205 Van '10/87-

1.7 D (44 kW) Eng.161A(XUD7)	94-	PA911		•		1201.A8
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306 Van '05/93-

1.4 SL (55 kW) Eng.KFW/KFX(TU3JP)/(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 SLD (50 kW) Eng.DJY(XUD9A)	94-	PA391		•		1201.52/.65/.67/.91/.A4
	94-	PA393		•		1201.48/.51/.60/.62

Boxer I (230) '03/94-'04/02

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 (66 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)	01-02	PA747		•		1201.C4
2.0 i, 4WD (80 kW) Eng.RFW(XU10J2)	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
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)	97-02	PA684				1201.A5
2.8 HDi (94 kW) Eng.8140.43S	00-02	PA607			Eng. Sofim	1201.C9

Boxer II (244) '04/02-

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
2.2 HDi (74 kW) Eng.4HY(DW12UTD)	4/02-	PA861		•		1201.E8
2.8 HDi (107 kW)	04-06	PA607				1201.C9
2.8 HDi, 4WD (94 kW) Eng.8140.43S	4/02-	PA607				1201.C9

Boxer III '04/06-

2.2 HDi (74 kW) Eng.4HV	06-	PA996	•			1201.H6
2.2 HDi 120 (88 kW)	06-	PA900		•		504033770
3.0 HDi 160 (115 kW)	06-	PA1026				1201.J4

Expert '02/96-

1.6 (58 kW) Eng.222A2(1580SPI)	96-	PA685				1201.95
	96-	PA686			w/PS	1201.96



PA157



PA158



PA240



PA308



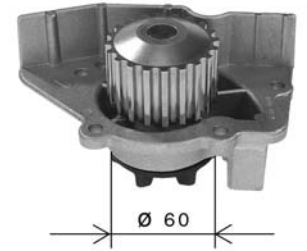
PA309



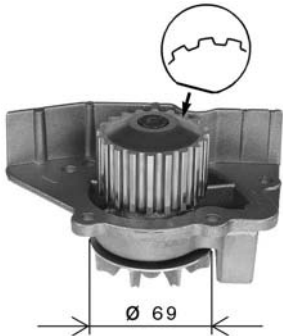
PA315



PA336



PA348



PA391



PA393



PA544



PA600



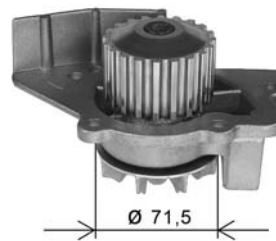
n° 20 Denti/Teeth

PA628

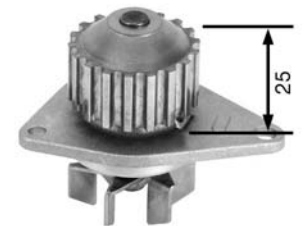


n° 19 Denti/Teeth

PA683



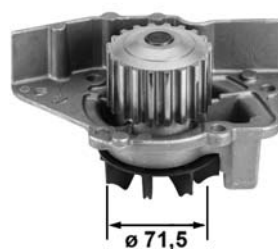
PA747



PA837



PA862



PA911



n° 19 Denti/Teeth

PA938



KIT600

		GRAF ref.			NOTE	Ad. OE
1.8i (66 kW) Eng.XU7JP	96-	PA348		•		1201.50/.61
1.9 D (51 kW) Eng.D9B(XUD9AU)	96-	PA391		•		1201.52/.65/.67/.91/.A4
1.9 D 70 (51 kW) Eng.WJZ(DW8)	98-	PA747		•		1201.C4
1.9 TD (66 kW) Eng.DHX(XUD9TE)	96-	PA911		•		1201.A8
1.9 TD (68 kW) Eng.D8B(XUD9TE)	96-	PA911		•		1201.A8
2.0 (100 kW) Eng.RFN(EW10J4)	00-	PA862	•	•		1201.E1/.F4/.G4/.J1
2.0 HDI (69 kW) Eng.RHX(DW10BTED)	00-	PA747		•		1201.C4
2.0 HDI (80 kW) Eng.RHW/RHZ(DW10ATED/4)	00-	PA747		•		1201.C4

J5 (280/290) '09/81-

1.8 (51 kW) Eng.169B(XM7T)	83-88	PA544				1201.34/ .40
1.9 D (51 kW) Eng.D9B(XUD9A)	90-	PA393		•		1201.48/.51/.60/.62
2.0 (55 kW) Eng.170B(XN1T)	81-90	PA544				1201.34/ .40
2.0 (58 kW) Eng.170(XN1T)	83-90	PA544				1201.34/ .40
2.0 (62 kW) Eng.170D(XN1TACP)	90-	PA544				1201.34/ .40
2.5 D, 4WD (54 kW) Eng.CRD93(U25-661)	81-	PA240				1201.36
2.5 TD, 4WD (70 kW) Eng.CRD93LS(U25-673)	90-	PA315				1201.36/.37,75530147,95548541

J7 '08/68-'03/80

1.5 (61 kW) Eng.XB5P	68-70	PA157			w/AF	1202.49,1202.78
	68-70	PA158				1202.38,1202.79
1.6 (44 kW) Eng.XC7P	68-80	PA157			w/AF	1202.49,1202.78
	68-80	PA158				1202.38,1202.79
1.6 (50 kW) Eng.XC5P	68-80	PA157			w/AF	1202.49,1202.78
	68-80	PA158				1202.38,1202.79
1.8 (48 kW) Eng.XM7P	70-80	PA157			w/AF	1202.49,1202.78
	70-80	PA158				1202.38,1202.79
1.9 D (40 kW) Eng.XDP88	68-78	PA309				1201.87,1202.88/.91/.95/.99
2.1 D (42 kW) Eng.XDP90	68-77	PA309				1201.87,1202.88/.91/.95/.99
	68-77	PA336			w/AF	1202.51
2.3 D (49 kW) Eng.XD2P94	77-80	PA308			w/AF	1202.89/.92

J9 '03/80-'06/87

1.6 (44 kW) Eng.XC7P	80-87	PA157			w/AF	1202.49,1202.78
	80-87	PA158				1202.38,1202.79
2.0 (57 kW) Eng.XN1P	80-87	PA157			w/AF	1202.49,1202.78
2.1 D (41 kW) Eng.XDPX90	80-87	PA308			w/AF	1202.89/.92
	80-87	PA309				1201.87,1202.88/.91/.95/.99
2.3 D (49 kW) Eng.XD2PX94	80-82	PA308			w/AF	1202.89/.92
2.5 D (53 kW) Eng.XD3P	82-87	PA600			+KIT600, w/AF	1201.38,1201.75
	82-87	KIT600			w/AF	

Partner/Ranch '06/96-

1.1 (44 kW) Eng.HFX(TU1JP)/HDZ(TU1M)	96-	PA628		•	Eng. -3666765	1201.E3,1207.18/.23
	96-	PA837		•	Eng. 3666766-	1201.G0
1.4, Bifuel (55 kW) Eng.KFW/KFX(TU3JP)	96-	PA628		•	Eng. -3666765	1201.E3,1207.18/.23
	96-	PA837		•	Eng. 3666766-	1201.G0
1.6 16v (80 kW) Eng.NFU(TU5JP4)	01-	PA683		•		1201.A2/ E5
1.6HDI (55 kW)	06-	PA938		•		1201.G1/.G9

	<p>Ø 60</p>	<p>Ø 69</p>	
<p>PA233</p>	<p>PA348</p>	<p>PA391</p>	<p>PA412</p>
<p>PA529</p>	<p>PA531</p>	<p>PA550</p>	<p>PA595</p>
		<p>Girante lamiera Steel sheet impeller</p>	<p>Ø 71,5</p>
<p>PA597</p>	<p>PA632</p>	<p>PA633</p>	<p>PA747</p>
	<p>Ø 54</p>	<p>54,15</p>	<p>n° 19 Denti/Teeth</p>
<p>PA803</p>	<p>PA822</p>	<p>PA886</p>	<p>PA938</p>

		GRAF ref.			NOTE	Ad. OE
1.6HDi (66 kW)	06-	PA938		•		1201.G1/G9
1.8 (66 kW) Eng.LFX(XU7JB)	97-	PA348		•		1201.50/61
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)	96-00	PA391		•		1201.52/65/67/91/A4
1.9 D, 4WD (51 kW) Eng.WJZ(DW8)/WJY(DW8B)	98-	PA747		•		1201.C4
2.0 HDi, 4WD (66 kW) Eng.RHY(DW10TD)	00-	PA747		•		1201.C4













PORSCHE

924 '11/75-'08/89						
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
2.0 T. (130 kW) Eng.M31.03	80-82	PA233				048.121.011,060.121.011

RENAULT

Avantime (DE0) '09/01-						
2.0 16v T. (120 kW) Eng.F4R760,761	01-03	PA822		•		77 00 111 675,77 01 472 182
2.2 dCi (110 kW) Eng.G9T712	02-	PA803				77 01 472 625,77 01 474 190 82 00 129 206,82 00 013 780
3.0 V6 (152 kW) Eng.L7X722	01-03	PA886		•		9641117180

Clio I (B/C57, 5/357) '05/90-'09/98						
1.1 (B/C/S571) (34 kW) Eng.C1E	91-98	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	91-98	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.15 (5/357Y, 5/357K) (40-43 kW) Eng.D7F730	96-98	PA632		•		77 00 864 596,82 00 037 686 82 00 088 660,82 00 088 663 82 00 266 947
1.2 (B/C/S577) (40 kW) Eng.C3G720	1/96-12/96	PA529	•			77 01 467 153
	1/96-12/96	PA597				77 01 467 153
1.2 (B/C/S57A/R/S, 5/357F/L/R) (40-43 kW) Eng.E7F700,750,708,706	90-98	PA412		•		77 00 736 091,77 01 633 125
1.4 (B/C57T/Y/J) (55-58-59 kW) Eng.E7J719,718,754,757,756	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) (68 kW) Eng.F2N770	91-93	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (70 kW)	91-98	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 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 kW) Eng.F3P758	95-98	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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.F3P755,754	94-98	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 16v (C57D) (99 kW) Eng.F7P722	91-94	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

			<p>Girante lamiera Steel sheet impeller</p> 
<p>PA247</p>	<p>PA531</p>	<p>PA632</p>	<p>PA633</p>
<p>Girante ottone Brass impeller</p> 			
<p>PA634</p>	<p>PA724A</p>	<p>PA820</p>	<p>PA821</p>
			
<p>PA822</p>	<p>PA977</p>	<p>PA981</p>	<p>PA983</p>

		GRAF ref.			NOTE	Ad. OE
1.9 D (B/C/57I) (40 kW) Eng.F8Q	97-98	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 kW) Eng.F8Q730,732	91-98	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 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) '09/98-'05/05

1.2 (B/CB0F/A, B/CB1O/K, B/CB2D/H) (43 kW) Eng.D7F726,710,720	98-12/03	PA632		•		77 00 864 596,82 00 037 686 82 00 088 660,82 00 088 663 82 00 266 947
	1/04-05	PA981		•		82 00 397 735
1.2 16v (B/CB05) (55 kW) Eng.D4F712,714	01-03	PA820		•		82 00 042 880,82 00 238 333
	03-05	PA983		•		82 00 397 732
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 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.4 16v (B/CB0P) (72 kW) Eng.K4J712,700,713	00-	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.5 dCi (74 kW) Eng.K9K712	04-05	PA977		•		77 01 475 995
1.5 dCi (B/CB07) (48 kW) Eng.K9K704,700	01-	PA821		•		77 01 473 327,77 01 476 496
1.5 dCi (B/CB08) (60 kW) Eng.K9K702	01-	PA821		•		77 01 473 327,77 01 476 496
1.6 (B/CB0D) (66 kW) Eng.K7M745,744	98-	PA634		•		77 00 861 686,82 00 146 298
1.6 16v (CB0T/H) (79 kW) Eng.K4M748,708	98-	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.9 D (B/CB0E) (47 kW) Eng.F8Q630	98-	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 kW) Eng.F9Q780	00-	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v Sport (CB0M) (124 kW) Eng.F4R730	00-	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

Clio III '06/05-

1.2 (43 kW)	06-	PA981		•		82 00 397 735
1.2 16V (48 kW) Eng.D4F740	05-	PA983		•		82 00 397 732
1.2 16V (55 kW) Eng.D4F740	05-	PA983		•		82 00 397 732
1.2 16V (57 kW) Eng.D4F764	05-	PA983		•		82 00 397 732
1.4 16V (72 kW) Eng.K4J780	10/05-	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.5 dCi (50 kW) Eng.K9K768	05-	PA977		•		77 01 475 995
1.5 dCi (63 kW) Eng.K9K766	05-	PA977		•		77 01 475 995
1.5 dCi (78 kW) Eng.K9K764	05-	PA977		•		77 01 475 995
1.6 16V (65 kW) Eng.K4M804	10/05-	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.6 16V (82 kW) Eng.K4M800,801	10/05-	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
2.0 16v Sport (145 kW) Eng.F4R830	06-	PA822		•		77 00 111 675,77 01 472 182

Espace I (J11) '07/84-'12/90

2.0 (J/S112) (74 kW) Eng.J6R734	88-90	PA247				77 01 461 405,77 01 463 182
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PA110



PA198



PA247



PA282



PA511



PA514



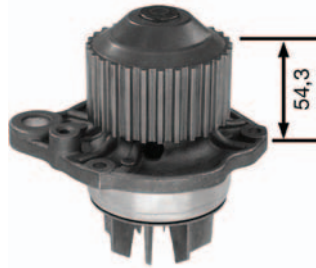
PA531



PA536



PA576



PA653



PA723



PA724A



PA803



PA821



PA822



PA907











PA960



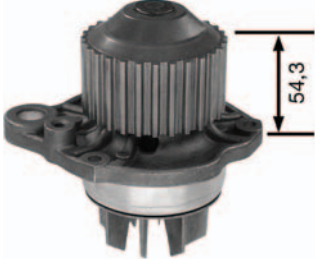









PA977

		GRAF ref.			NOTE	Ad. OE
2.0 (J/S112) (80 kW) Eng.J6R234,236	84-90	PA247				77 01 461 405,77 01 463 182
2.0 i, 4WD (J116) (87 kW) Eng.J7R760	88-90	PA247				77 01 461 405,77 01 463 182
2.1 TD (J/S115) (65 kW) Eng.J8S774,240	84-90	PA247				77 01 461 405,77 01 463 182
2.2, 4WD (J117) (79 kW) Eng.J7T770	86-90	PA247				77 01 461 405,77 01 463 182
Espace II (J/S63) '01/91-'10/96						
2.0 (J636) (76 kW) Eng.J7R768	91-96	PA514				77 01 465 513
2.1 TD (J633, J634, J/S635, J/S63D) (65 kW) Eng.J8S776,778,772,610	91-96	PA536				77 01 466 571
2.1 TD (J63E) (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-						
1.9 dTi (JE0M) (72 kW) Eng.F9Q722	2/99-	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (JE0A) (84 kW) Eng.F3R728,742,768,769,729	96-00	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v (JE0L, JE0N) (102-103 kW) Eng.F4R701,700	98-	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.2 TD 12v (JE0E, JE0H, JE0P) (83 kW) Eng.G8T714,716	96-00	PA723		•		77 00 106 101,77 00 107 845 77 00 861 627,82 00 042 514
2.2 dCi (JE0K, JE0S) (95 kW) Eng.G9T710	00-	PA803				77 01 472 625,77 01 474 190 82 00 129 206,82 01 013 780
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 (88 kW) Eng.F9Q680,820,826	02-	PA822		•		77 00 111 675,77 01 472 182
2.0 (JK0KA6) (100 kW) Eng.F4R790,791	02-	PA822		•		77 00 111 675,77 01 472 182
2.0 T. (120 kW) Eng.F4R794,795,797	02-	PA822		•		77 00 111 675,77 01 472 182
2.2 dCi (110 kW) Eng.G9T742,743	02-	PA803				77 01 472 625,77 01 474 190 82 00 129 206,82 01 013 780
Estafette '02/62-'12/81						
1.1 (29 kW)	62-81	PA198				09 80 695 500,77 01 457 450 77 01 459 890
1.3 (1236/1237) (29 kW)	69-81	PA198				09 80 695 500,77 01 457 450 77 01 459 890
Fuego (136) '02/80-'10/85						
1.4 TL/GTL (1360) (47 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)	83-85	PA511	•			77 01 460 698,77 01 461 101
	83-85	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
1.6 TS/GTS (1362) (71 kW) Eng.843723,724/A6M726,725	80-85	PA511	•			77 01 460 698,77 01 461 101
	80-85	PA576	•			77 01 462 085/6
2.0 (1363) (81 kW) Eng.J6R715,710,712,726/829710	80-85	PA247				77 01 461 405,77 01 463 182
2.1 TD (1366) (65 kW) Eng.J8S712	82-85	PA247				77 01 461 405,77 01 463 182
Grand Scénic '04/04-						
1.5 dCi (74 kW)	04-4/05	PA821		•		77 01 473 327,77 01 476 496
	4/05-	PA977		•		77 01 475 995
1.6 (83 kW)	04-	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.9 dCi (81 kW)	05-	PA907		•		77 01 474 435
1.9 dCi (88 kW)	04-	PA907		•		77 01 474 435
1.9 dCi (96 kW)	05-	PA907		•		77 01 474 435
2.0 (99 kW)	04-	PA822		•		77 00 111 675,77 01 472 182
2.0 T. (120 kW)	04-	PA822		•		77 00 111 675,77 01 472 182

		<p>Girante lamiera Steel sheet impeller</p> 	<p>Girante ottone Brass impeller</p> 
<p>PA531</p>	<p>PA632</p>	<p>PA633</p>	<p>PA634</p>
			 <p>ø 54</p>
<p>PA724A</p>	<p>PA820</p>	<p>PA821</p>	<p>PA822</p>

		GRAF ref.			NOTE	Ad. OE
Kangoo (KC0) '03/98-						
1.2 (KC0A/K/F/1) (43 kW) Eng.D7F746,722,710,726,720	98-	PA632		•		77 00 864 596,82 00 037 686 82 00 088 660,82 00 088 663 82 00 266 947
1.2 16v (KC03/5/6/T/W) (55 kW) Eng.D4F714,716,712	01-	PA820		•		82 00 042 880,82 00 238 333
1.4 (55 kW) Eng.E7J780,635,634	98-	PA633		•		77 00 866 518,82 00 146 301
1.4 (KC0C/H/B/M) (55 kW) Eng.K7J701,700	98-	PA634		•		77 00 861 686,82 00 146 298
1.5 dCi (42 kW)	03-	PA821		•		77 01 473 327,77 01 476 496
1.5 dCi (50 kW)	05-	PA821		•		77 01 473 327,77 01 476 496
1.5 dCi (62 kW)	05-	PA821		•		77 01 473 327,77 01 476 496
1.5 dCi (KC07) (48 kW) Eng.K9K704,700	01-	PA821		•		77 01 473 327,77 01 476 496
1.5 dCi (KC08/9) (60 kW) Eng.K9K702,710	02-	PA821		•		77 01 473 327,77 01 476 496
1.6 16V bivalent (60 kW) Eng.K9K702,710	05-	PA821		•		77 01 473 327,77 01 476 496
1.6 16v, 4WD (KC0P/S/L) (70 kW) Eng.K4M750,753,752	01-	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.9 D 55 (KC0D) (40 kW) Eng.F8Q662	98-	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D 65 (KC0E/2/J/N) (47 kW) Eng.F8Q630,632	98-	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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)	03-	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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.F9Q790,782	01-	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 dTi (KC0U) (59 kW) Eng.F9Q780	00-	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
Laguna I (B56, 556) '11/93-'03/01						
1.6 16v (B568, B561) (79 kW) Eng.K4M720,724	97-01	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.8 (B560/S/T) (66-69 kW) Eng.F3P670,678	95-01	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 kW) Eng.F3P720,724	93-01	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 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
1.9 dTi (B56J) (72 kW) Eng.F9Q710,716	97-01	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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) (83 kW) Eng.F3R722,723	93-01	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (B56U) (80 kW)	99-01	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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

			
<p>PA531</p>	<p>PA627</p>	<p>PA653</p>	<p>PA723</p>
			
<p>PA724A</p>	<p>PA749</p>	<p>PA803</p>	<p>PA822</p>
			
<p>PA907</p>	<p>PA960</p>		







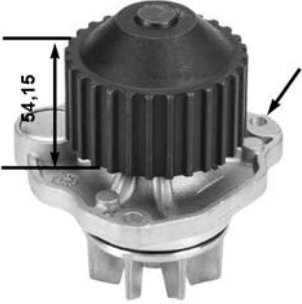

		GRAF ref.			NOTE	Ad. OE
2.0 16v (B56D/M) (102 kW) Eng.N7Q700,704	95-01	PA749		•		74 38 610 006,74 38 610 035
2.2 D (61 kW) Eng.G8T752,794	96-01	PA723		•		77 00 106 101,77 00 107 845 77 00 861 627,82 00 042 514
2.2 D (B56F/2) (61 kW) Eng.G8T706,790	93-01	PA627	•			77 00 859 931,77 00 871 801 77 01 467 622
2.2 dT (B569) (83 kW) Eng.G8T760	96-01	PA723		•		77 00 106 101,77 00 107 845 77 00 861 627,82 00 042 514
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

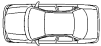



Laguna I (K56) SW '09/95-'03/01

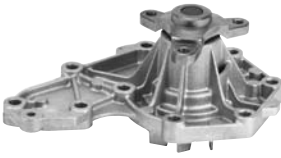



1.6 16v (K568) (79 kW) Eng.K4M724,720	97-01	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.8 (K56S/T/0) (66 kW) Eng.F3P670,678	95-01	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (K56Z) (69 kW) Eng.F3P720,724	95-01	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 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
1.9 dTi (K56J) (72 kW) Eng.F9Q710,716	97-01	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (K56C/H) (83 kW) Eng.F3R722,723	95-01	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 (K56D/M) (102 kW) Eng.N7Q700,704	95-01	PA749		•		74 38 610 006,74 38 610 035
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.G8T760	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.L7X701,700	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) '03/01-

1.6 16V (82 kW)	05-	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.6 16v (BG0A/L) (79 kW) Eng.K4M711,710	01-	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.8 16v (BG0B/M) (88-89 kW) Eng.F4P773,770	01-	PA822		•		77 00 111 675,77 01 472 182
1.8 16v (BG0J) (85 kW) Eng.F4P770,771,773,774,775	01-	PA822		•		77 00 111 675,77 01 472 182
1.9 dCi (BG0E) (77 kW)	01-	PA822		•		77 00 111 675,77 01 472 182
1.9 dCi (68 kW)	04-	PA822		•		77 00 111 675,77 01 472 182
1.9 dCi (81 kW) Eng.F9Q754	05-	PA907		•		77 01 474 435
1.9 dCi (96 kW)	05-	PA907		•		77 01 474 435
1.9 dCi (BG0G) (88 kW) Eng.F9Q750,756	01-	PA822		•		77 00 111 675,77 01 472 182
1.9 dCi (BG0R) (74 kW) Eng.F9Q752	01-	PA822		•		77 00 111 675,77 01 472 182
2.0 16V (125 kW)	05-	PA822		•		77 00 111 675,77 01 472 182
2.0 16V (150 kW)	05-	PA822		•		77 00 111 675,77 01 472 182
2.0 16v (99 kW) Eng.F4R712,713,714,715	02-	PA822		•		77 00 111 675,77 01 472 182
2.0 16v IDE (BG0N/P) (103 kW) Eng.F5R700	01-	PA822		•		77 00 111 675,77 01 472 182
2.0 16v T. (120 kW) Eng.F4R764	03-	PA822		•		77 00 111 675,77 01 472 182
2.2 dCi (102 kW)	05-	PA803				77 01 472 625,77 01 474 190 82 00 129 206,82 01 013 780

	<p>Girante lamiera Steel sheet impeller</p> 	<p>Girante ottone Brass impeller</p> 	
<p>PA531</p>	<p>PA633</p>	<p>PA634</p>	<p>PA724A</p>
	 <p>ø 54</p>	 <p>54,15</p>	
<p>PA803</p>	<p>PA822</p>	<p>PA886</p>	<p>PA907</p>

		GRAF ref.  	NOTE	Ad. OE
2.2 dCi (BG0F) (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 (BG0D) (152 kW) Eng.L7X731	01-	PA886	•	9641117180
Laguna II (K74) SW '03/01-				
1.6 16V (82 kW)	05-	PA724A	•	77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.6 16v (KG0A/L) (79 kW) Eng.K4M711,710	01-	PA724A	•	77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.8 16v (KG0B/M) (88-89 kW) Eng.F4P770,773	01-	PA822	•	77 00 111 675,77 01 472 182
1.8 16v (KG0J) (85 kW) Eng.F4P771,773,774,775	01-	PA822	•	77 00 111 675,77 01 472 182
1.9 dCi (KG0E) (77 kW)	01-	PA822	•	77 00 111 675,77 01 472 182
1.9 dCi (68 kW)	04-	PA822	•	77 00 111 675,77 01 472 182
1.9 dCi (79 kW) Eng.F9Q718	01-	PA822	•	77 00 111 675,77 01 472 182
1.9 dCi (81 kW)	05-	PA907	•	77 01 474 435
1.9 dCi (96 kW)	05-	PA907	•	77 01 474 435
1.9 dCi (KG0G) (88 kW) Eng.F9Q750,756	01-	PA822	•	77 00 111 675,77 01 472 182
1.9 dCi (KG0R) (74 kW) Eng.F9Q752	01-	PA822	•	77 00 111 675,77 01 472 182
2.0 16V (125 kW)	05-	PA822	•	77 00 111 675,77 01 472 182
2.0 16V (150 kW)	05-	PA822	•	77 00 111 675,77 01 472 182
2.0 16v (99 kW) Eng.F4R712,713,714,715	02-	PA822	•	77 00 111 675,77 01 472 182
2.0 16v IDE (KG0N/P) (103 kW) Eng.F5R700	01-	PA822	•	77 00 111 675,77 01 472 182
2.0 16v T. (120 kW) Eng.F4R764	03-	PA822	•	77 00 111 675,77 01 472 182
2.0 dCi (110 kW)	01-	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	•	9641117180
Megane I (BA) '01/96-'11/02				
1.4 16v (BA0D/W, BA1H/0) (70 kW) Eng.K4J750,714	99-02	PA724A	•	77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.4 Eco (BA0T) (52 kW) Eng.E7J624	96-99	PA633	•	77 00 866 518,82 00 146 301
1.4 e (BA0E/V) (55 kW) Eng.E7J626,764	96-02	PA633	•	77 00 866 518,82 00 146 301
1.6 16v (BA11/04/0B/1J) (79 kW) Eng.K4M700,701,704,708	99-02	PA724A	•	77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.6 e (BA0F/S) (66 kW) Eng.K7M702,703,790	96-99	PA634	•	77 00 861 686,82 00 146 298
1.6 i (BA0L) (55 kW) Eng.K7M720	96-99	PA634	•	77 00 861 686,82 00 146 298
1.8 16v (BA06, BA12/A/M/R) (85 kW) Eng.F4P720,722	01-02	PA531		77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D Eco (B/SA0U/A) (47 kW) Eng.F8Q620,624	96-02	PA531		77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 TDI (69 kW)	96-02	PA531		77 01 462 809,77 01 463 111 77 01 463 397,77 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.F9Q733,732	01-02	PA822	•	77 00 111 675,77 01 472 182
1.9 dT (B/SA0K/Y) (66 kW) Eng.F8Q784,786	96-02	PA531		77 01 462 809,77 01 463 111 77 01 463 397,77 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.F9Q730,734,731,736	97-02	PA531		77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

	<p>Girante ottone Brass impeller</p> 		
<p>PA531</p>	<p>PA634</p>	<p>PA724A</p>	<p>PA822</p>

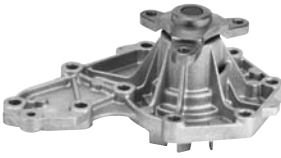



		GRAF ref.			NOTE	Ad. OE
2.0 16v (BA0H) (108 kW) Eng.F7R714,710	96-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 i (80 kW)	99-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 i (BA0G) (84 kW) Eng.F3R751,750	96-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

Megane I (DA) Coach '03/96-'11/02

1.4 16v (DA0D/W, DA1H/0) (70 kW) Eng.K4J714,750	99-02	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.6 16v (DA0B/4, DA11) (79 kW) Eng.K4M701,700,708	99-02	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.6 e (DA0F) (66 kW) Eng.K7M703,702	96-99	PA634		•		77 00 861 686,82 00 146 298
1.9 dCi (DA05, DA1F) (75 kW) Eng.F9Q732,733	01-02	PA822		•		77 00 111 675,77 01 472 182
1.9 dTi (DA0N) (72 kW) Eng.F9Q736,731,734	97-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v (102 kW)	1/02-11/02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 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 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 i (80 kW)	99-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 i (DA0G) (84 kW) Eng.F3R751,750	96-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

Megane I (EA0) Cabrio '10/96-'11/02

1.4 16v (EA0D/W, EA1H/0) (70 kW) Eng.K4J750,714	3/99-02	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.6 16v (EA0B/4, EA11) (79 kW) Eng.K4M701,708,700	99-02	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.6 e (EA0F) (66 kW) Eng.K7M703,702	96-99	PA634		•		77 00 861 686,82 00 146 298
2.0 (EA0G) (84 kW) Eng.F3R750	96-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 16v (102 kW)	1/02-11/02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

	<p>Girante lamiera Steel sheet impeller</p> 	<p>Girante ottone Brass impeller</p> 	
<p>PA531</p>	<p>PA633</p>	<p>PA634</p>	<p>PA724A</p>

		GRAF ref.			NOTE	Ad. OE
2.0 16v IDE (EA03/P, EA14) (103 kW) Eng.F5R740	99-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 i (EA0G) (80 kW) Eng.F3R796,791	99-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

Megane I (JA0) Scenic '01/97-'09/99

1.4 i (JA0E) (51 kW) Eng.E7J764	97-99	PA633		•		77 00 866 518,82 00 146 301
1.6 16v (79 kW)	97-99	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.6 e (JA0F) (66 kW) Eng.K7M703,702	97-99	PA634		•		77 00 861 686,82 00 146 298
1.6 i (JA0L) (55 kW) Eng.K7M720	97-99	PA634		•		77 00 861 686,82 00 146 298
1.9 D (47 kW)	97-99	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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.F8Q786,784	97-99	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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.F9Q734,730	97-99	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 i (JA0G) (80 kW) Eng.F3R796	1/99-9/99	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 i (JA0G) (84 kW) Eng.F3R750,751	97-99	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

Megane I (KA) SW '03/99-'11/02

1.4 16v (KA0D/W, KA1H/0) (70 kW) Eng.K4J750,714	99-02	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
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.K4M708,700,701,704	99-02	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.6 e (KA0F) (66 kW) Eng.K7M702,703	99-02	PA634		•		77 00 861 686,82 00 146 298
1.8 16v (KA0S, KA12/A/M/R) (85 kW) Eng.F4P720,722	01-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (47 kW) Eng.F8Q790	99-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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.F9Q733,732	01-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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.F9Q736,731	99-01	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

Megane I (LA) Classic '09/96-'11/02

1.4 (LA0E/V) (55 kW) Eng.E7J626,764	96-02	PA633		•		77 00 866 518,82 00 146 301
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Girante ottone
Brass impeller

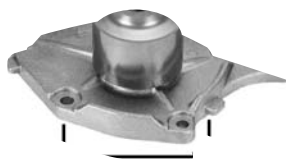


PA531

PA634

PA724A

PA820



PA821

PA822

PA907

PA977

		GRAF ref.			NOTE	Ad. OE
1.4 16v (LA0D/W, LA1H/O) (70 kW) Eng.K4J750,714	99-02	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.6 16v (LA04/B, LA11/C/J) (79 kW) Eng.K4M701,708,700	99-02	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.6 e (LA0F/S) (66 kW) Eng.K7M790,702,703	96-99	PA634		•		77 00 861 686,82 00 146 298
1.6 i (LA0L) (55 kW) Eng.K7M720	96-99	PA634		•		77 00 861 686,82 00 146 298
1.8 16v (LA06, LA12/A/M/R) (85 kW) Eng.F4P722,720	01-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 kW) Eng.F8Q624,620	96-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 TDI (69 kW)	96-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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	01-02	PA822		•		77 00 111 675,77 01 472 182
1.9 dT (LA0K/Y) (66 kW) Eng.F8Q786,784	96-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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.F9Q734,730,731,736	97-01	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 i (80 kW)	99-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 i (LA07/G) (84 kW) Eng.F3R751,750	96-02	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

Megane II (BM0, CM0), SW '11/02-

1.4 16v (BM0B, CM0B) (72 kW) Eng.K4J730	02-	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.4 16v (Exc. SW) (60 kW)	03-	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.5 dCi (74 kW) Eng.K9K728	5/05-	PA977		•		77 01 475 995
1.5 dCi (BM0F, CM0F) (60 kW) Eng.K9K722	02-4/05	PA821		•		77 01 473 327,77 01 476 496
	5/05-	PA977		•		77 01 475 995
1.5 dCi, Coupé, Cabrio (63 kW)	5/05-	PA977		•		77 01 475 995
1.5 dCi, Coupé, Cabrio (78 kW) Eng.K9K764	5/05-	PA977		•		77 01 475 995
1.6 16v, Coupé, Cabrio (BM0C, CM0C) (83 kW) Eng.K4M760	02-	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.9 dCi (68 kW)	04-	PA907		•		77 01 474 435
1.9 dCi, Coupé, Cabrio (81 kW)	05-	PA907		•		77 01 474 435
1.9 dCi, Coupé, Cabrio (96 kW)	05-	PA907		•		77 01 474 435
1.9 dCi, Coupé, Cabrio (BM0G, CM0G) (88 kW) Eng.F9Q800	02-	PA907		•		77 01 474 435
2.0 16v T., Coupé, Cabrio (Exc. SW) (120 kW)	04-	PA822		•		77 00 111 675,77 01 472 182
2.0 16v, Coupé, Cabrio (BM0U, CM0U) (99 kW) Eng.F4R770	02-	PA822		•		77 00 111 675,77 01 472 182
2.0 Renault Sport (Exc. SW) (165 kW)	04-	PA822		•		77 00 111 675,77 01 472 182

Modus '12/04-

1.2 (48 kW)	04-	PA820		•		82 00 042 880,82 00 238 333
1.2 16v (55 kW) Eng.D4F740	12/04-	PA820		•		82 00 042 880,82 00 238 333
1.4 16v (72 kW) Eng.K4J770	12/04-	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.5 dCi (50 kW) Eng.K9K752	12/04-4/05	PA821		•		77 01 473 327,77 01 476 496



PA531



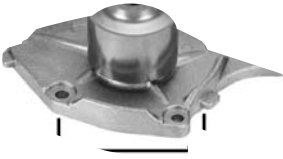
PA550



PA595



PA724A



PA821



PA977

		GRAF ref.			NOTE	Ad. OE
1.5 dCi (50 kW) Eng.K9K752	4/05-	PA977		•		77 01 475 995
1.5 dCi (63 kW) Eng.K9K750	12/04-4/05	PA821		•		77 01 473 327,77 01 476 496
	4/05-	PA977		•		77 01 475 995
1.5 dCi (78 kW)	4/05-	PA977		•		77 01 475 995
1.6 16v (82 kW) Eng.K4M790	12/04-	PA724A		•		77 00 105 176,77 00 105 378
						77 00 274 330,82 00 146 297

R11 (B/C37) '03/83-'12/90

1.1 (B/C371) (35 kW) Eng.C1E715,720	83-90	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	83-90	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.2 (B/C37S) (40 kW) Eng.C1G700,710	84-90	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	84-90	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (B/C372, B/C37C) (44 kW) Eng.C1J715	83-90	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	83-90	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (B/C372/373) (50 kW) Eng.C2J757,718	83-90	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	83-90	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (B/C372/373) (53 kW) Eng.C2J717,755	83-90	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	83-90	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (B/C37A/C/R) (49 kW) Eng.C2J768,766,767,720,730	83-90	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	83-90	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 T. (B/C375) (77 kW) Eng.C1J760,764	84-86	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	84-86	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 T. (B/C375) (85 kW) Eng.C1J770,782	86-90	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	86-90	PA595				77 01 462 145,77 01 462 491 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 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B/C376) (59 kW) Eng.F2N700,704	83-90	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B/C37D/N) (64-65 kW) Eng.F2N708,710,798,732,742	87-90	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B/C37E) (69 kW) Eng.F3N708	87-90	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B/C37F) (55 kW) Eng.F3N718	84-90	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B/C37L) (54 kW) Eng.F2N730	84-90	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365



PA081



PA139



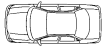



PA147



PA194



PA581

		GRAF ref.			NOTE	Ad. OE
R12 '10/69-'08/80						
1.3 (1170), Break (37 kW) Eng.810-02	75-80	PA081				77 01 457 416,77 01 459 435 77 01 502 962
	75-80	PA581				77 01 452 155,77 01 457 415 77 01 502 963
1.3 (1170), Break (40 kW) Eng.810-02-97	69-80	PA081				77 01 457 416,77 01 459 435 77 01 502 962
	69-80	PA581				77 01 452 155,77 01 457 415 77 01 502 963
1.3 (1171) Break (33 kW)	70-80	PA081				77 01 457 416,77 01 459 435 77 01 502 962
	70-80	PA581				77 01 452 155,77 01 457 415 77 01 502 963
1.3 (1330) Break (36-39 kW)	72-80	PA081				77 01 457 416,77 01 459 435 77 01 502 962
	72-80	PA581				77 01 452 155,77 01 457 415 77 01 502 963
1.3 TS (1177) (44 kW) Eng.810-06	72-80	PA081				77 01 457 416,77 01 459 435 77 01 502 962
	72-80	PA581				77 01 452 155,77 01 457 415 77 01 502 963
1.3 TS (1337) Break (44 kW) Eng.810-06	72-80	PA081				77 01 457 416,77 01 459 435 77 01 502 962
	72-80	PA581				77 01 452 155,77 01 457 415 77 01 502 963
1.6 (1173) Gordini (83 kW) Eng.82120	70-74	PA139				77 01 450 223,77 01 450 295 77 01 457 085,77 01 457 672 77 01 502 428
R14 (121) '09/79-'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 kW) Eng.X5J	81-83	PA147				77 01 459 820
R15 '03/72-'10/80						
1.3 (1300) (44 kW)	72-80	PA081				77 01 457 416,77 01 459 435 77 01 502 962
	72-80	PA581				77 01 452 155,77 01 457 415 77 01 502 963
1.6 (1302) (66 kW)	72-80	PA194				77 01 457 642,77 01 457 673 77 01 508 546
1.6 (1304,1308) (43 kW)	72-80	PA194				77 01 457 642,77 01 457 673 77 01 508 546
R16 (115) '09/65-'08/80						
1.5 (40 kW)	65-75	PA139				77 01 450 223,77 01 450 295 77 01 457 085,77 01 457 672 77 01 502 428
1.6 TA (52 kW)	69-80	PA139				77 01 450 223,77 01 450 295 77 01 457 085,77 01 457 672 77 01 502 428
1.6 TL (1152, 1153, 1157) (48 kW) Eng.821	71-80	PA139				77 01 450 223,77 01 450 295 77 01 457 085,77 01 457 672 77 01 502 428
1.6 TL (1155) (40 kW) Eng.821	75-80	PA139				77 01 450 223,77 01 450 295 77 01 457 085,77 01 457 672 77 01 502 428
1.6 TS (1151, 1154) (61 kW) Eng.807	68-80	PA139				77 01 450 223,77 01 450 295 77 01 457 085,77 01 457 672 77 01 502 428
1.6 TX (1156) (68 kW) Eng.843	74-80	PA139				77 01 450 223,77 01 450 295 77 01 457 085,77 01 457 672 77 01 502 428



PA110



PA194



PA247



PA282



PA511



PA550



PA576



PA595

		GRAF ref.			NOTE	Ad. OE
R17 '03/72-'10/80						
1.6 (1312) (66 kW)	72-76	PA194				77 01 457 642,77 01 457 673 77 01 508 546
1.6 (1313, 1323) (66 kW)	72-80	PA194				77 01 457 642,77 01 457 673 77 01 508 546
1.6 (1314, 1324) (66 kW)	72-80	PA194				77 01 457 642,77 01 457 673 77 01 508 546
1.6 (1316) (66 kW)	72-76	PA194				77 01 457 642,77 01 457 673 77 01 508 546
1.6 (1322) (66 kW)	72-76	PA194				77 01 457 642,77 01 457 673 77 01 508 546
1.6 Gordini (1318, 1328) (79 kW)	74-80	PA194				77 01 457 642,77 01 457 673 77 01 508 546
R18 (134) '04/78-'07/86						
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)	78-84	PA110			Eng. -538513	77 01 460 697
	85-86	PA282			Eng. 538514-	77 01 462 389
1.6 (1341) (54 kW) Eng.A2M723/841717	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 T. (1345) (81 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
1.6 T. Inj. (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 TS (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
2.0 (1343) (77 kW) Eng.J6R716	82-86	PA247				77 01 461 405,77 01 463 182
2.1 D (53 kW)	81-86	PA247				77 01 461 405,77 01 463 182
2.1 D (1344) (49 kW) Eng.J8S711/852710	81-86	PA247				77 01 461 405,77 01 463 182
2.1 TD (1346) (65 kW)	81-86	PA247				77 01 461 405,77 01 463 182
R18 (135) Break '05/79-'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 (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
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
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 TS (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, 4WD (1351) (54 kW) Eng.A2M723/841717	82-86	PA511	•			77 01 460 698,77 01 461 101
	82-86	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 (76 kW)	83-86	PA247				77 01 461 405,77 01 463 182
2.1 D (53 kW)	79-86	PA247				77 01 461 405,77 01 463 182
2.1 D (1354) (49 kW) Eng.J8S711/852710	80-86	PA247				77 01 461 405,77 01 463 182
2.1 TD (1356) (65 kW)	81-86	PA247				77 01 461 405,77 01 463 182
R19 I (B/C53) '01/88-'12/92						
1.2 (B/C530) (40 kW) Eng.C1G	88-92	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	88-92	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (B/C532) Kat (43 kW) Eng.C3J710	89-92	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419



PA412



PA531



PA550



PA595

		GRAF ref.			NOTE	Ad. OE
1.4 (B/C532) Kat (43 kW) Eng.C3J710	89-92	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (B/C53A,G) (59 kW) Eng.E6J701,700	88-92	PA412		•		77 00 736 091,77 01 633 125
1.4 (B/C53P) (43 kW) Eng.C2J772	1/89-12/89	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	1/89-12/89	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.7 (B/C53B) (54 kW) Eng.F3N741,740	88-92	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B/C53C) (66 kW) Eng.F3N742,743	88-92	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 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 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 TD (C/B53K) (68 kW)	90-92	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

R19 I (D53) Cabrio '09/88-'04/92

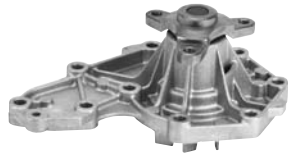
1.7 (D53B) (54 kW) Eng.F3N741,740	88-92	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (D53F) (70 kW) Eng.F3N742,743	91-92	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 16v (D53D) (99-101 kW) Eng.F7P704	89-92	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

R19 I (L53) Chamade '01/88-'12/92

1.2 (B/C530) (40 kW) Eng.C1G	88-92	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	88-92	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (L532, L53A/P) (43 kW) Eng.C3J710/C2J772	88-92	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	88-92	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.7 (L53B) (54 kW) Eng.F3N741,740	89-92	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L53C) (66 kW) Eng.F3N743,742	89-92	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L53F) (79 kW)	89-92	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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	Ad. OE
1.7 16v (L539) (99 kW)	88-92	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 16v (L53D) (99 kW) Eng.F7P704	89-92	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 TD (L53K) (68 kW)	90-92	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

R19 II (B/C53) '01/92-'06/96

1.2 (B/C530) (40 kW) Eng.C1G	92-95	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	92-95	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.2 (B/C53W) (46 kW) Eng.E7F	92-95	PA412		•		77 00 736 091,77 01 633 125
1.4 (B/C532) (43 kW) Eng.C3J710	92-95	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	92-95	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (B/C535) (55 kW) Eng.E7J742	92-95	PA412		•		77 00 736 091,77 01 633 125
1.4 (B/C53A,G) (59 kW) Eng.E6J701,700	92-95	PA412		•		77 00 736 091,77 01 633 125
1.7 (B/C533) (68 kW)	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B/C53B, C) (54 kW) Eng.F3N741,740	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B/C53F) (66 kW) Eng.F3N743,742	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B536/E, B53M) (54 kW) Eng.F3N741,740	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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)	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (5/853/353A) (66 kW) Eng.F3P706,760	92-96	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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) (79 kW) Eng.F3P682,764,765	94-96	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (B/C538) (83 kW) Eng.F3P700	92-94	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (B/C53Y) (65 kW) Eng.F3P705,704,707,708,706,760	92-96	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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	Ad. OE
1.8 16v (B/C53D) (99 kW) Eng.F7P704	92-96	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 kW) Eng.F8Q742	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 dT (B/C53K) (68 kW) Eng.F8Q744	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 dT (B/C53T) (66 kW) Eng.F8Q744	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

R19 II (D53) Cabrio '04/92-'06/96

1.7 (D53F) (66 kW) Eng.F3N743,742	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (D53C, V) (79 kW) Eng.F3P682,764,765	94-96	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (D53Y) (65 kW) Eng.F3P705,704,707,708,706,760	92-96	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 16v (D53D) (99 kW) Eng.F7P704	92-96	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

R19 II (L53) Chamade '01/92-'12/95

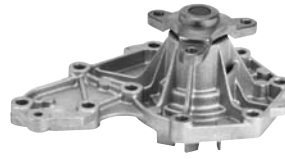
1.2 (L530) (40 kW) Eng.C1G	92-95	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	92-95	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.2 (L53W) (46 kW) Eng.E7F	92-95	PA412		•		77 00 736 091,77 01 633 125
1.4 (L532/531) (43 kW) Eng.C3J710	92-95	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	92-95	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (L535) (55 kW) Eng.E7J742	93-95	PA412		•		77 00 736 091,77 01 633 125
1.4 (L53A,G) (59 kW) Eng.E6J701,700	92-95	PA412		•		77 00 736 091,77 01 633 125
1.7 (L533) (68 kW)	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L53B) (54 kW) Eng.F3N741,740	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L53F) (66 kW) Eng.F3N743,742	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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)	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365



PA127



PA527



PA531



PA550



PA573



PA595

		GRAF ref.			NOTE	Ad. OE
1.8 (L453A/F) (66 kW) Eng.F3P706,760	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (L538) (81 kW) Eng.F3P700	92-94	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 (L53V, L538) (79 kW) Eng.F3P682	94-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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.F3P760,708,704,705,707	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.8 16v (L53D) (99 kW) Eng.F7P704	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D (L53J) (47 kW) Eng.F8Q742	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 dT (L53T) (66 kW) Eng.F8Q744	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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

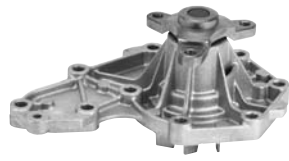
2.0 (1272) (75 kW) Eng.829700,701	77-80	PA573	•	Eng. 98101-	77 01 461 006
2.0 (1277) (80 kW) Eng.829703,702	80-83	PA573	•		77 01 461 006
2.1 D (1276) (47 kW) Eng.852	80-83	PA127			-
	80-83	PA527		w/RB	77 01 461 336
2.1 TD (1270) (63 kW) Eng.J8S	82-83	PA127			-
	82-83	PA527		w/RB	77 01 461 336
2.2 (1279) (85 kW) Eng.851700	80-83	PA573	•		77 01 461 006

R21 (B48) '03/86-'06/94

1.4 (B48D) (51 kW) Eng.C2J770	88-93	PA550	•		77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	88-93	PA595			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (B48U) (49-50 kW)	88-93	PA550	•		77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	88-93	PA595			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.7 (B481,484) (53-55 kW) Eng.F2N712	86-94	PA531			77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (B482) (55 kW)	86-94	PA531			77 01 462 809,77 01 463 111 77 01 463 397,77 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.F3N726/F2N750	86-94	PA531			77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365



PA514



PA531



PA543



PA550



PA574

		GRAF ref.			NOTE	Ad. OE
1.7 (B48E) (66-69 kW) Eng.F3N723,722	86-94	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 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 (B48R) (100 kW) Eng.J7R740	89-94	PA514				77 01 465 513
2.0, 4WD (B48Y) (99 kW) Eng.J7R740	89-94	PA514				77 01 465 513
2.1 D (B480) (49-51 kW) Eng.J8S784	92-94	PA543	•			77 01 464 030,77 01 467 223
2.1 D (B48V, B48O) (53 kW) Eng.J8S600,740	89-94	PA543	•			77 01 464 030,77 01 467 223
2.1 TD (B486) (65 kW) Eng.J8S788	86-94	PA543	•			77 01 464 030,77 01 467 223
2.1 TD (B488/48A/V) (65 kW) Eng.J8S714,788	86-94	PA543	•			77 01 464 030,77 01 467 223
2.2, 4WD (B48K) (79 kW) Eng.J7T754,755	86-94	PA543	•		Eng. -F241442	77 01 464 030,77 01 467 223

R21 (K48) Nevada '03/86-'09/95

1.7 (K481) (55 kW) Eng.F2N712	86-93	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (K48E) (66 kW) Eng.F3N723,722	86-93	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 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 77 01 463 397,77 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 77 01 463 397,77 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.F8Q	86-94	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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.J7R751,750	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) (75 kW) Eng.J6R792,759,793,758	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) (51 kW) Eng.J8S784	92-95	PA543	•			77 01 464 030,77 01 467 223
2.1 D (K48V,O) (53 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
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) '03/86-'06/94

1.4 (L48D) (51 kW) Eng.C2J770	88-93	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419



PA127



PA514



PA515



PA516



PA527



PA531



PA543



PA550



PA573



PA574



PA595

		GRAF ref.			NOTE	Ad. OE
1.4 (L48D) (51 kW) Eng.C2J770	88-93	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (L48U) (49-50 kW)	88-93	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	88-93	PA595				77 01 462 145,77 01 462 491 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 77 01 463 397,77 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 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L484) (65 kW)	86-93	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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.F3N726/F2N750	86-94	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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.F3N723,722	86-94	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L48M/N) (54 kW) Eng.F2N752	87-89	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (78 kW)	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.J7R751,750	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) (66 kW)	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)	89-94	PA543	•		Eng. -F197763	77 01 464 030,77 01 467 223
	89-94	PA514			Eng. F197764-	77 01 465 513
2.0 GTi, 4WD (L48Y) (99 kW) Eng.J7R740	89-94	PA514				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 (L48R) (100 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 (L486) (65 kW) Eng.J8S704	86-89	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 (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) '04/84-'12/93

2.0 (B297, B29J) (74 kW) Eng.J6R760,763,762,706,707	84-92	PA573	•		Eng. -F308131	77 01 461 006
	84-92	PA516			Eng. F308132-	77 01 466 152
2.0 (B29H) (88 kW) Eng.J7R	87-93	PA573	•		Eng. -F241852	77 01 461 006
	87-93	PA514			Eng. F241853-	77 01 465 513
2.0 12v (B292/294) (99-100-103 kW) Eng.J7R726	88-93	PA514				77 01 465 513
2.1 D (46-51 kW) Eng.J8S736	84-89	PA515				77 01 465 122
2.1 D (B296) (46-51 kW) Eng.J8S706	84-89	PA127				-
	84-89	PA527			w/RB	77 01 461 336



PA047



PA127



PA140



PA141



PA142



PA245



PA301



PA353



PA513



PA514



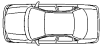



PA527



PA547



PA573

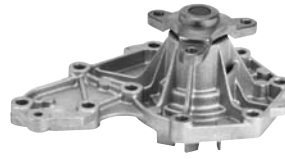
		GRAF ref.	 	NOTE	Ad. OE
2.1 TD (B290) (63 kW) Eng.J8S708	84-92	PA301		Eng. -397289	77 01 463 637
	84-92	PA513		Eng. 397290-	77 01 465 643
2.1 TD (B29W) (63 kW) Eng.J8S738	84-92	PA513			77 01 465 643
2.2 (B29) (76 kW)	85-89	PA573	•		77 01 461 006
2.2 (B29B) (79 kW) Eng.J7T733,732,708	86-92	PA573	•	Eng. -F259468	77 01 461 006
	86-92	PA514		Eng. F259469-	77 01 465 513
2.2 (B29E) (89 kW) Eng.J7T715,707,714,706	84-89	PA573	•		77 01 461 006
2.2 (B29E) (91 kW) Eng.J7T731,730	84-89	PA573	•	Eng. -F259571	77 01 461 006
	84-89	PA514		Eng. F259572-	77 01 465 513
R30 (127) '02/75-'03/86					
2.1 TD (1270) (63 kW) Eng.J8S702	82-86	PA127			-
	82-86	PA527		w/RB	77 01 461 336
R4 (112) '10/62-'06/93					
0.8 (1120) (20 kW)	81-82	PA047			77 01 452 782,77 01 457 595 77 01 457 771
	81-82	PA547			77 01 461 173,77 01 467 546
0.8 (1123) (19 kW) Eng.800	62-83	PA047			77 01 452 782,77 01 457 595 77 01 457 771
	62-83	PA547			77 01 461 173,77 01 467 546
0.8 (1123) (21 kW) Eng.B1B707/800705	83-88	PA047			77 01 452 782,77 01 457 595 77 01 457 771
	83-88	PA547			77 01 461 173,77 01 467 546
0.8 (1124) (20 kW)	83-88	PA047			77 01 452 782,77 01 457 595 77 01 457 771
	83-88	PA547			77 01 461 173,77 01 467 546
0.8 (1126) (20 kW)	76-82	PA047			77 01 452 782,77 01 457 595 77 01 457 771
	76-82	PA547			77 01 461 173,77 01 467 546
0.8 (1129) (20 kW)	76-82	PA047			77 01 452 782,77 01 457 595 77 01 457 771
	76-82	PA547			77 01 461 173,77 01 467 546
0.95 (112C) (25 kW) Eng.C1C708	87-93	PA353			77 01 463 014,77 01 467 915
1.1 (32 kW)	86-90	PA141			77 01 455 720,77 01 455 972 77 01 512 202
1.1 (1128) (25 kW) Eng.C1E719,714/688712	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 '07/71-'12/85					
0.8 (1220) (26 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) (32 kW) Eng.689710	72-85	PA141			77 01 455 720,77 01 455 972 77 01 512 202
	72-85	PA142			77 01 457 671,77 01 505 397
0.95 (1392) (32 kW) Eng.689710	72-85	PA142			77 01 457 671,77 01 505 397
1.1 (1226/1227) (33 kW) Eng.688713/C1E726	80-85	PA142			77 01 457 671,77 01 505 397
1.1 (1397) (33 kW) Eng.688713/C1E726	80-85	PA142			77 01 457 671,77 01 505 397
1.3 (1224) (47 kW) Eng.810725	75-84	PA142			77 01 457 671,77 01 505 397
1.3 (1225), Autom. (33 kW) Eng.810719,726,729	76-78	PA141			77 01 455 720,77 01 455 972 77 01 512 202
	78-79	PA142			77 01 457 671,77 01 505 397
1.3 (1394) (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) (46 kW) Eng.847725/C2J713	82-85	PA142		Eng. C2J13, A/T	77 01 457 671,77 01 505 397
	82-85	PA245		Eng. 84712, A/T	77 01 460 696
1.4 (1399) (46 kW) Eng.847725/C2J713	82-85	PA142		Eng. C2J13, A/T	77 01 457 671,77 01 505 397
	82-85	PA245		Eng. 84712, A/T	77 01 460 696
1.4 Alpine A5 (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.C6J750/840726	81-85	PA142			77 01 457 671,77 01 505 397



PA047



PA142



PA531



PA547



PA550



PA595

		GRAF ref.	 	NOTE	Ad. OE
R6 '10/69-'04/87					
0.8 (1180) (25 kW)	69-80	PA047			77 01 452 782,77 01 457 595 77 01 457 771
	69-80	PA547			77 01 461 173,77 01 467 546
1.1 (1181) (33 kW)	70-87	PA142			77 01 457 671,77 01 505 397
R9 (L42) '09/81-'12/89					
1.1 (L421) (35 kW) Eng.C1E715,720	81-87	PA550	•		77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	81-87	PA595			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.2 (L42S) (40 kW) Eng.C1G700,710	85-88	PA550	•		77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	85-88	PA595			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (L422/421) (44 kW) Eng.C1J715,792,796/C2J730	81-88	PA550	•		77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	81-88	PA595			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (L423, L42R) (49-53 kW) Eng.C2J766,767,768,720,717,755	81-88	PA550	•		77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	81-88	PA595			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (L42A/C/D/E/F/J/L/N/R) (40 kW) Eng.C1J715,792,796/C2J730	81-88	PA550	•		77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	81-88	PA595			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 A/T (L423) (50 kW) Eng.C2J718,757	81-85	PA550	•		77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	81-85	PA595			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 T. (85 kW) Eng.C1J764,760	86-89	PA550	•		77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	86-89	PA595			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 T. (L425) (77 kW) Eng.C1J760,764	84-86	PA550	•		77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	84-86	PA595			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.6 D, TD, GTD (L424) (40 kW) Eng.F8M700,720,730	82-88	PA531			77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L426) (59 kW) Eng.F2N700,704	84-88	PA531			77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L42E) (69 kW) Eng.F3N708	87-88	PA531			77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L42F) (54 kW) Eng.F3N718	86-88	PA531			77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L42L) (55 kW) Eng.F2N730	86-88	PA531			77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 (L42N) (65 kW) Eng.F2N710,798,708	86-88	PA531			77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365



PA503



PA531



PA532



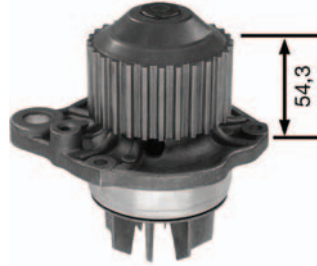
PA533



PA534



PA634



PA653



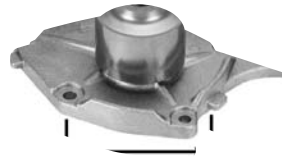
PA723



PA724A



PA749



PA821



PA822



PA907



PA960



PA977

		GRAF ref.			NOTE	Ad. OE
Safrane I (B54) '04/92-'07/96						
2.0 (B540) (77 kW) Eng.J7R732,733	92-96	PA532				77 01 466 788
2.0 12v (B542, B54E) (97 kW) Eng.J7R735,734	92-96	PA532				77 01 466 788
2.1 dT (B546) (65 kW) Eng.J8S760	93-96	PA533			Eng. -920501	77 01 466 778
	93-96	PA534			Eng. 920502-	77 01 466 779
2.2 (B541) (79 kW) Eng.J7T762	92-96	PA532				77 01 466 788
2.2 12v (B543) (101 kW) Eng.J7T761,760	92-96	PA532				77 01 466 788
2.5 dT (B548) (83 kW) Eng.S8U763,762	92-96	PA503				77 01 467 278
Safrane II (B54) '07/96-'12/00						
2.0 16v (B54L) (100 kW) Eng.N7Q711,710	96-00	PA749		•		74 38 610 006,74 38 610 035
2.2 dT (B54G) (83 kW) Eng.G8T740	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	PA749		•		74 38 610 006,74 38 610 035
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
Scenic I (JA) '09/99-'06/03						
1.4 16v (JA0D/W, JA1H/0) (70 kW) Eng.K4J714,750	9/99-03	PA724A		•		77 00 105 176,77 00 105 378
						77 00 274 330,82 00 146 297
1.6 16v (JA0B/4, JA11) (79 kW) Eng.K4M708,704,700,701	9/99-03	PA724A		•		77 00 105 176,77 00 105 378
						77 00 274 330,82 00 146 297
1.6 e (66 kW) Eng.K7M702,703	99-03	PA634		•		77 00 861 686,82 00 146 298
1.8 16v (JA12/R/M/A) (85 kW) Eng.F4P722,720	1/01-03	PA531				77 01 462 809,77 01 463 111
						77 01 463 397,77 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	PA822		•		77 00 111 675,77 01 472 182
						77 00 111 675,77 01 472 182
1.9 dCi RX4 (75 kW) Eng.F9Q740	00-03	PA822		•		77 00 111 675,77 01 472 182
1.9 dTi (JA0N) (72 kW) Eng.F9Q731,736,734	99-03	PA531				77 01 462 809,77 01 463 111
						77 01 463 397,77 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
						77 01 463 397,77 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 kW) Eng.F4R740,741	00-03	PA531				77 01 462 809,77 01 463 111
						77 01 463 397,77 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)	99-03	PA531				77 01 462 809,77 01 463 111
						77 01 463 397,77 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
						77 01 463 397,77 01 464 736
						77 01 465 816,77 01 466 578
						77 01 468 491,77 01 473 365
Scenic II (JM) '06/03-						
1.4 16v (72 kW) Eng.K4J730	03-	PA724A		•		77 00 105 176,77 00 105 378
1.5 dCi (60 kW)	03-3/05	PA821		•		77 00 274 330,82 00 146 297
	4/05-	PA977		•		77 01 473 327,77 01 476 496
1.5 dCi (63 kW)	05-	PA907		•		77 01 475 995
1.5 dCi (63 kW)	05-	PA907		•		77 01 474 435
1.5 dCi (74 kW) Eng.K9K728	4/05-	PA977		•		77 01 475 995
1.5 dCi (78 kW)	05-	PA907		•		77 01 474 435
1.6 16v (83 kW) Eng.K4M761,782	03-	PA724A		•		77 00 105 176,77 00 105 378
						77 00 274 330,82 00 146 297
1.9 dCi (81 kW) Eng.F9Q800	05-	PA907		•		77 01 474 435
1.9 dCi (88 kW) Eng.F9Q	03-	PA907		•		77 01 474 435
1.9 dCi (96 kW) Eng.F9Q800	05-	PA907		•		77 01 474 435
2.0 (99 kW) Eng.F4R770,771	03-	PA822		•		77 00 111 675,77 01 472 182
2.0 16v T. (120 kW) Eng.F4R776	04-	PA822		•		77 00 111 675,77 01 472 182

 <p>6 Teeth</p>			 <p>6 Teeth</p>
<p>PA530</p>	<p>PA531</p>	<p>PA550</p>	<p>PA594</p>
			
<p>PA595</p>	<p>KIT595</p>		

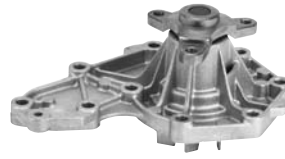
		GRAF ref.			NOTE	Ad. OE
Sport Spider (EF0) '03/95-'10/99						
2.0 16v (110 kW) Eng.F7R	95-99	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
Super 5 (B/C40) '10/84-'12/96						
0.95 (B/C/400) (30 kW) Eng.C1C700	84-88	PA530	•		w/Air	77 01 464 054,77 01 466 420
	84-88	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	84-88	PA594			w/Air	77 01 464 054,77 01 466 420
	84-88	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.1 (B/C/401) (34 kW) Eng.C1E750,752,754	84-88	PA530	•		w/Air	77 01 464 054,77 01 466 420
	84-88	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	84-88	PA594			w/Air	77 01 464 054,77 01 466 420
	84-88	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.1 (B/C/401/H) (34 kW) Eng.C1E750,756,760,752	86-95	PA530	•		w/Air	77 01 464 054,77 01 466 420
	86-95	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	86-95	PA594			w/Air	77 01 464 054,77 01 466 420
	86-95	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.2 (B/C40F) (40 kW) Eng.C1G702,722,720	87-90	PA530	•		w/Air	77 01 464 054,77 01 466 420
	87-90	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	87-90	PA594			w/Air	77 01 464 054,77 01 466 420
	87-90	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (B/C402/407), Kat (43 kW) Eng.C1J768,780,700,702,760	84-88	PA530	•		+KIT595, w/Air	77 01 464 054,77 01 466 420
	84-88	PA550	•		+KIT595	77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	84-88	PA594			+KIT595, w/Air	77 01 464 054,77 01 466 420
	84-88	PA595			+KIT595	77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	84-88	KIT595			w/Air	
	84-88	KIT595				
1.4 (B/C403) (52 kW) Eng.C2J700,781,788,798,780	84-89	PA530	•		w/Air	77 01 464 054,77 01 466 420
	84-89	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	84-89	PA594			w/Air	77 01 464 054,77 01 466 420
	84-89	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (B/C40J) (49 kW) Eng.C2J782	87-89	PA530	•		w/Air	77 01 464 054,77 01 466 420
	87-89	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	87-89	PA594			w/Air	77 01 464 054,77 01 466 420
	87-89	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (B/C40M) (44 kW) Eng.C2J784	87-90	PA530	•		w/Air	77 01 464 054,77 01 466 420
	87-90	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	87-90	PA594			w/Air	77 01 464 054,77 01 466 420
	87-90	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 T. (C405) (88 kW) Eng.C1J788,782,784	85-90	PA530	•		w/Air	77 01 464 054,77 01 466 420
	85-90	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	85-90	PA594			w/Air	77 01 464 054,77 01 466 420
	85-90	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419



PA412



PA529



PA531



PA550



PA595



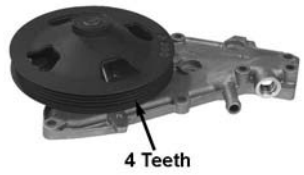
PA597



PA632



PA721



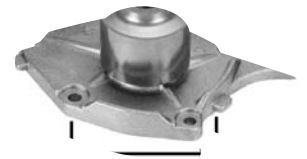
PA722



PA803



PA820



PA821



PA822

		GRAF ref.			NOTE	Ad. OE
1.6 D (B/C/404) (40 kW) Eng.F8M720,730	85-96	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 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 kW) Eng.F2N742,740	87-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.7 i (C409) (69 kW) Eng.F3N722,702	86-91	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

Twingo (C06) '03/93-

1.2 (C063/64) (40 kW) Eng.C3G700,702	93-96	PA529	•			77 01 467 153
	93-96	PA597				77 01 467 153
	93-96	PA721			w/Air	77 01 467 642
	93-96	PA722	•		w/Air	77 01 467 642
1.2 (C066/68) (43 kW) Eng.D7F702,704,703	96-	PA632		•		77 00 864 596,82 00 037 686 82 00 088 660,82 00 088 663 82 00 266 947
1.2 (C067) (40 kW) Eng.D7F700,701	96-	PA632		•		77 00 864 596,82 00 037 686 82 00 088 660,82 00 088 663 82 00 266 947
1.2 16v (44 kW) Eng.D4D	04-	PA820		•		82 00 042 880,82 00 238 333
1.2 16v (C06C/D/K) (55 kW) Eng.D4F702,704	01-	PA820		•		82 00 042 880,82 00 238 333

Vel Satis (BJ0) '06/02-

2.0 16v T. (BJ0K) (120 kW) Eng.F4R763,762	6/02-	PA822		•		77 00 111 675,77 01 472 182
2.2 dCi (BJ0E) (110 kW) Eng.G9T702	6/02-	PA803				77 01 472 625,77 01 474 190 82 00 129 206,82 01 013 780
2.2 dCi (BJ0H) (85 kW)	04-	PA803				77 01 472 625,77 01 474 190 82 00 129 206,82 01 013 780

RENAULT LCV
Clio I Van '01/91-'09/98














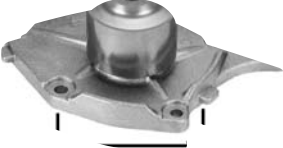

1.1 (S571) (34 kW) Eng.C1E	91-98	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	91-98	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.2 (S572, S57A,R) (40 kW) Eng.E7F706	91-98	PA412		•		77 00 736 091,77 01 633 125
1.2 (S573) (44 kW) Eng.E7F750	91-98	PA412		•		77 00 736 091,77 01 633 125
1.9 D (S57L, I, S575,576) (48 kW) Eng.F8Q730,732	91-98	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

Clio II Van (SB0) '09/98-

1.2 (SB0A) (43 kW) Eng.D7F722,720	98-	PA632		•		77 00 864 596,82 00 037 686 82 00 088 660,82 00 088 663 82 00 266 947
1.5 dCi (48 kW) Eng.K9K704,700	01-	PA821		•		77 01 473 327,77 01 476 496
1.9 D (SB0E) (47 kW) Eng.F8Q630	98-	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

Kangoo (FC0) Van '03/98-

1.2 (FC01, FC0A, FC0F) (43 kW) Eng.D7F710,744,722,746,720	98-	PA632		•		77 00 864 596,82 00 037 686 82 00 088 660,82 00 088 663 82 00 266 947
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PA178	PA247	PA514	PA516
		<p>Girante lamiera Steel sheet impeller</p> 	<p>Girante ottone Brass impeller</p> 
PA531	PA573	PA633	PA634
			
PA724A	PA750	PA751	PA803
		 <p>ø 54</p>	
PA820	PA821	PA822	

		GRAF ref.			NOTE	Ad. OE
1.2 16v (FC05) (55 kW) Eng.D4F714,712	01-	PA820		•		82 00 042 880,82 00 238 333
1.4 (55 kW) Eng.E7J780,635,634	98-	PA633		•		77 00 866 518
1.4 (FC0C, FC0B, FC0H, FC0M) (55 kW) Eng.K7J701,700	98-	PA634		•		77 00 861 686,82 00 146 298
1.5 dCi (42 kW)	02-	PA821		•		77 01 473 327,77 01 476 496
1.5 dCi (60 kW) Eng.K9K702,710	03-	PA821		•		77 01 473 327,77 01 476 496
1.5 dCi (62 kW)	05-	PA821		•		77 01 473 327,77 01 476 496
1.5 dCi (FC07) (48 kW) Eng.K9K700	01-	PA821		•		77 01 473 327,77 01 476 496
1.6 16v, 4WD (FC0L, FC0P, FC0S) (70 kW) Eng.K4M750,753,752	01-	PA724A		•		77 00 105 176,77 00 105 378 77 00 274 330,82 00 146 297
1.9 D 55 (FC0D) (40 kW) Eng.F8Q662	98-	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 D 65 (FC0E, FC02, FC0J, FC0N) (47 kW) Eng.F8Q630,632	98-	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
1.9 dCi (62 kW)	03-	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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)	03-	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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-	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

Master I '08/80-'07/98

2.0 28-35 (58 kW) Eng.J5R718	86-98	PA573	•	Eng. -F029328	77 01 461 006
	86-98	PA516		Eng. F029329-	77 01 466 152
2.0 28-35 (59 kW) Eng.829731	80-86	PA573	•		77 01 461 006
2.1 D 28-35 (44 kW) Eng.J8S330	80-98	PA247			77 01 461 405,77 01 463 182
2.2 30 (67 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 kW) Eng.Sofim-8140.61.2300/S8U731	80-89	PA178			50 01 001 274,77 01 462 808 77 01 468 342
	89-98	PA178			50 01 001 274,77 01 462 808 77 01 468 342
2.5 D 28-35 (55 kW) Eng.Sofim-8140.67.2510/S8U742	89-98	PA750		Eng. S8U	77 01 470 879
	89-98	PA751		Eng. S9W	77 01 470 880
2.5 TD 35 (69 kW) Eng.Sofim-8140.27.2510,.2500/S9U714	89-98	PA750		Eng. S8U	77 01 470 879
	89-98	PA751		Eng. S9W	77 01 470 880

Master II '07/98-

1.9 dCi 80 (60 kW) Eng.F9Q772	01-	PA822		•	77 00 111 675,77 01 472 182
1.9 dTi (59 kW) Eng.F9Q770	9/00-10/01	PA531			77 01 462 809,77 01 463 111
					77 01 463 397,77 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
2.5 D (59 kW) Eng.S8U770	98-01	PA750			77 01 470 879
2.5 dCi 100 (73 kW)	03-	PA803			77 01 472 625,77 01 474 190
					82 00 129 206,82 01 013 780
2.5 dCi 120 (84 kW) Eng.G9U720	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



PA081



PA110



PA247



PA282



PA531



PA550



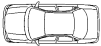



PA581



PA595

		GRAF ref.			NOTE	Ad. OE	
R11 Van '03/83-'12/88							
1.1 (S371) (35 kW) Eng.C1E715,720	83-86	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419	
	83-86	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419	
1.2 (S37S) (40 kW) Eng.C1G700,710	84-88	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419	
	84-88	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419	
1.4 (S372) (44 kW) Eng.C1J715/C2J730	83-86	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419	
	83-86	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419	
1.4 (S373) (50 kW) Eng.C2J768	83-86	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419	
	83-86	PA595				77 01 462 145,77 01 462 491 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 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365	
	R12 Van '07/75-'04/80						
	1.3 (2360) (37 kW) Eng.810-02	75-80	PA081				77 01 457 416,77 01 459 435 77 01 502 962
		75-80	PA581				77 01 452 155,77 01 457 415 77 01 502 963
R18 Van '05/79-'07/86							
1.4 (2350) (47 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) (49 kW) Eng.J8S711/852710	81-86	PA247				77 01 461 405,77 01 463 182	
R19 I Van '01/88-'12/92							
1.2 (S530) (40 kW) Eng.C1G	88-92	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419	
	88-92	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419	
1.9 D (S531, J) (48 kW) Eng.F8Q706,742	88-92	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365	
R19 II Van '03/92-'12/95							
1.2 (S530) (40 kW) Eng.C1G	92-95	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419	
	92-95	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419	
1.9 D (S534) (48 kW) Eng.F8Q706,742	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365	
1.9 dT (S53K) (68 kW)	92-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365	
R21 Van '06/86-'04/95							
1.7 (S481,482) (65 kW) Eng.F2N710	86-95	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365	

<p>PA047</p>	<p>PA140</p>	<p>PA142</p>	<p>PA353</p>
<p>PA529</p>	<p>PA530</p>	<p>PA531</p>	<p>PA543</p>
<p>PA547</p>	<p>PA550</p>	<p>PA594</p>	<p>PA595</p>
	<p>Girante lamiera Steel sheet impeller</p>		
<p>PA597</p>	<p>PA633</p>		

		GRAF ref.			NOTE	Ad. OE
1.9 D (S48H) (47 kW) Eng.F8Q	86-94	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.1 D (S486) (49 kW) Eng.J8S704	86-94	PA543	•			77 01 464 030,77 01 467 223
R4 Van '09/66-'12/93						
0.8 (2105,2102,2104) (19 kW) Eng.839	71-82	PA047				77 01 452 782,77 01 457 595 77 01 457 771
	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 77 01 457 771
	74-88	PA547				77 01 461 173,77 01 467 546
0.8 (210B) (25 kW)	76-89	PA047				77 01 452 782,77 01 457 595 77 01 457 771
0.8 (2391/2392) (21 kW) Eng.B1B707/800705	83-89	PA047				77 01 452 782,77 01 457 595 77 01 457 771
	83-89	PA547				77 01 461 173,77 01 467 546
1.1 (2370) (25 kW) Eng.688711,712/C1E719,718,714	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)	76-89	PA353				77 01 463 014,77 01 467 915
1.1 (S128) (25 kW)	76-89	PA142				77 01 457 671,77 01 505 397
R5 Van '01/72-'12/85						
0.8 (2381) (26 kW) Eng.800710	72-84	PA140				77 01 457 451,77 01 461 174 77 01 508 975
1.1 (2386) (33 kW) Eng.688713/C1E726	80-85	PA142				77 01 457 671,77 01 505 397
1.3 (2387) (32 kW) Eng.810726	76-82	PA142				77 01 457 671,77 01 505 397
Rapid/Express (F40, G40) Van '07/85-'08/98						
0.95 (F400) (27 kW) Eng.C1C	86-92	PA530	•		w/Air	77 01 464 054,77 01 466 420
	86-92	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	86-92	PA594			w/Air	77 01 464 054,77 01 466 420
	86-92	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.1 (F401) (33 kW) Eng.C1E792,750,760,752,762	85-95	PA530	•		w/Air	77 01 464 054,77 01 466 420
	85-95	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	85-95	PA594			w/Air	77 01 464 054,77 01 466 420
	85-95	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.1 (F40H) (33 kW) Eng.C1E756	87-91	PA530	•		w/Air	77 01 464 054,77 01 466 420
	87-91	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	87-91	PA594			w/Air	77 01 464 054,77 01 466 420
	87-91	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.2 (F406, G40A) (40 kW) Eng.C3G710,712	91-98	PA529	•			77 01 467 153
	91-98	PA597				77 01 467 153
1.2 (F40F) (55 kW) Eng.C1G	91-98	PA530	•		w/Air	77 01 464 054,77 01 466 420
	91-98	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	91-98	PA594			w/Air	77 01 464 054,77 01 466 420
	91-98	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (F40) (55 kW) Eng.E7J770,771	96-98	PA633		•		77 00 866 518
1.4 (F402) (43 kW) Eng.C1J768,780	85-91	PA530	•		w/Air	77 01 464 054,77 01 466 420
	85-91	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	85-91	PA594			w/Air	77 01 464 054,77 01 466 420
	85-91	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (F407) Kat (43 kW) Eng.C3J702,700,760,762	88-98	PA530	•		+KIT595, w/Air	77 01 464 054,77 01 466 420
	88-98	PA550	•		+KIT595	77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419



PA110



PA282



PA412



PA511



6 Teeth

PA530



PA531



PA550



PA576



6 Teeth

PA594



PA595



KIT595

		GRAF ref.			NOTE	Ad. OE
1.4 (F407) Kat (43 kW) Eng.C3J702,700,760,762	88-98	PA594			+KIT595, w/Air	77 01 464 054,77 01 466 420
	88-98	PA595			+KIT595	77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	88-98	KIT595			w/Air	
	88-98	KIT595				
1.4 (F40D) (58 kW) Eng.E7J728	94-98	PA412		•		77 00 736 091,77 01 633 125
1.4 (F40M) (44 kW) Eng.C2J784	86-91	PA530	•		w/Air	77 01 464 054,77 01 466 420
	86-91	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	86-91	PA594			w/Air	77 01 464 054,77 01 466 420
	86-91	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.4 (F40U, F40V) (55 kW) Eng.E7J773,724,720,726	91-98	PA412		•		77 00 736 091,77 01 633 125
1.6 D (F404) (40 kW) Eng.F8M736,760,730	86-98	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 kW) Eng.F8Q724,774,722,776	91-98	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 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 77 01 463 397,77 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.C1C700	84-88	PA530	•		w/Air	77 01 464 054,77 01 466 420
	84-88	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	84-88	PA594			w/Air	77 01 464 054,77 01 466 420
	84-88	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.1 (S401) (34 kW) Eng.C1E752,754,750	84-96	PA530	•		w/Air	77 01 464 054,77 01 466 420
	84-96	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	84-96	PA594			w/Air	77 01 464 054,77 01 466 420
	84-96	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.2 (S40F) (40 kW) Eng.C1G702,722,720	87-96	PA530	•		w/Air	77 01 464 054,77 01 466 420
	87-96	PA550	•			77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	87-96	PA594			w/Air	77 01 464 054,77 01 466 420
	87-96	PA595				77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
1.2 (S40F, S407) (44 kW)	87-96	PA530	•		+KIT595, w/Air	77 01 464 054,77 01 466 420
	87-96	PA550	•		+KIT595	77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	87-96	PA594			+KIT595, w/Air	77 01 464 054,77 01 466 420
	87-96	PA595			+KIT595	77 01 462 145,77 01 462 491 77 01 463 377,77 01 466 419
	87-96	KIT595			w/Air	
	87-96	KIT595				
	87-96	KIT595			w/Air	
1.6 D (S404) (40 kW) Eng.F8M720,730	84-96	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365

Traffic I (P6) '03/80-'04/89

1.4 (35 kW) Eng.C1J700/847701,700	80-89	PA110			Eng. -538513	77 01 460 697
	80-89	PA282			Eng. 538514-	77 01 462 389
1.6, 4WD (48 kW) Eng.841705/A1M705,708,707	84-86	PA511	•			77 01 460 698,77 01 461 101
	84-86	PA576	•			77 01 462 085/6



PA110



PA127



PA178



PA282



PA511



PA514



PA527



PA531



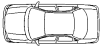



PA543



PA573



PA576

		GRAF ref.	 	NOTE	Ad. OE
1.7 (50 kW) Eng.F1N724,722	86-89	PA531			77 01 462 809,77 01 463 111 77 01 463 397,77 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		w/RB	77 01 461 336
2.0, 4WD (59 kW) Eng.J5R722,716,726	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.852750,720	80-89	PA127			-
	80-89	PA527		w/RB	77 01 461 336
2.5 D (51 kW) Eng.Sofim-8140.61.240/S8U722,720	80-89	PA178			50 01 001 274,77 01 462 808 77 01 468 342

Trafic I Bus '03/80-'04/89

1.4 (35 kW) Eng.C1J700/847701,700	80-89	PA110		Eng. -538513	77 01 460 697
	80-89	PA282		Eng. 538514-	77 01 462 389
1.6, 4WD (48 kW) Eng.841705/A1M705,708,707	84-86	PA511	•		77 01 460 698,77 01 461 101
	84-86	PA576	•		77 01 462 085/6
1.7 (50 kW) Eng.F1N724,722	86-89	PA531			77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
	2.0, 4WD (59 kW) Eng.J5R722,716,726	80-89	PA573	•	Eng. -F029328
80-89		PA514		Eng. F029329-	77 01 465 513
2.1 D (43 kW) Eng.852750,720	80-89	PA127			-
	80-89	PA527		w/RB	77 01 461 336

Trafic I Van '03/80-'04/89

1.4 (35 kW) Eng.C1J700/847701,700	80-89	PA110		Eng. -538513	77 01 460 697
	80-89	PA282		Eng. 538514-	77 01 462 389
1.6, 4WD (48 kW) Eng.841705/A1M705,708,707	84-86	PA511	•		77 01 460 698,77 01 461 101
	84-86	PA576	•		77 01 462 085/6
1.7 (50 kW) Eng.F1N724,722	86-89	PA531			77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
	2.0, 4WD (59 kW) Eng.J5R722,716,726	80-89	PA573	•	Eng. -F029328
80-89		PA514		Eng. F029329-	77 01 465 513
2.1 D, 4WD (43 kW) Eng.852750,720	80-89	PA127			-
	80-89	PA527		w/RB	77 01 461 336

Trafic II (PX) '05/89-'03/01

1.7 (50 kW) Eng.F1N720,722,724	89-94	PA531			77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
	2.0 (59 kW) Eng.J5R726,716	89-97	PA573	•	Eng. -F029328
89-97		PA514		Eng. F029329-	77 01 465 513
2.1 D (43 kW) Eng.852720,750	89-94	PA127			-
	89-94	PA527		w/RB	77 01 461 336
2.1 D (47 kW) Eng.J8S620,758	94-97	PA543	•		77 01 464 030,77 01 467 223
2.5 D (51 kW) Eng.Sofim-8140.61.240/S8U722,720	89-01	PA178			50 01 001 274,77 01 462 808 77 01 468 342

Trafic II Bus '05/89-'03/01

1.7 (50 kW) Eng.F1N720,722,724	89-94	PA531			77 01 462 809,77 01 463 111 77 01 463 397,77 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	97-01	PA531		77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (59 kW) Eng.J5R726,716		89-97	PA573	•	Eng. -F029328
	89-97	PA514		Eng. F029329-	77 01 465 513
2.1 D (43 kW) Eng.852720,750	89-94	PA127			-



PA110



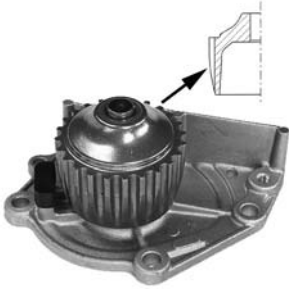
PA127



PA178



PA282



PA426



PA514



PA527



PA529



PA531



PA543



PA573



PA597



n° 20 Denti/Teeth

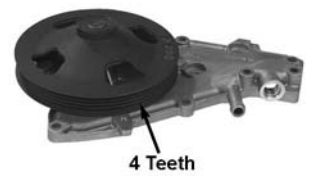
PA628



PA632



PA721



PA722



PA803



PA822



PA913



PA915

		GRAF ref.			NOTE	Ad. OE
2.1 D (43 kW) Eng.852720,750	89-94	PA527			w/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-8140.67.2500,.2550,.2580/S8U750,752	89-01	PA178				50 01 001 274,77 01 462 808 77 01 468 342

Trafic II Van '05/89-'03/01

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 77 01 463 397,77 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	97-01	PA531				77 01 462 809,77 01 463 111 77 01 463 397,77 01 464 736 77 01 465 816,77 01 466 578 77 01 468 491,77 01 473 365
2.0 (59 kW) Eng.J5R726,716	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			w/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-8140.67.2500,.2550,.2580/S8U750,752	89-01	PA178				50 01 001 274,77 01 462 808 77 01 468 342

Trafic III '03/01-

1.9 dCI 100 (74 kW) Eng.F9Q760	01-	PA822		•		77 00 111 675,77 01 472 182
1.9 dCI 80 (60 kW) Eng.F9Q762	01-	PA822		•		77 00 111 675,77 01 472 182
2.0 (88 kW) Eng.F4R722,720	01-	PA822		•		77 00 111 675,77 01 472 182
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 '03/93-

1.2 (S063, S064) (40 kW) Eng.C3G700,702	93-96	PA529	•			77 01 467 153
	93-96	PA597				77 01 467 153
	93-96	PA721			w/Air	77 01 467 642
	93-96	PA722	•		w/Air	77 01 467 642
1.2 (S066, S068) (43 kW) Eng.D7F700,701,702,703,704,706	96-	PA632		•		77 00 864 596,82 00 037 686 82 00 088 660,82 00 088 663 82 00 266 947

RENAULT TRUCK
Mascott '01/99-

110 (78 kW) Eng.8140.43C	99-04	PA913				500362834
130 (92 kW) Eng.8140.43S	99-04	PA915				500362859

ROVER
100 (METRO) (Xp) '03/90-'12/98

111, Cabrio (44 kW) Eng.11K2D,A	90-98	PA426		•		GWP336
114 D (38 kW) Eng.TUD3	92-94	PA628		•		GWP195,GWP341



PA268



PA374



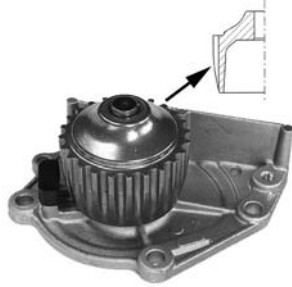
PA385



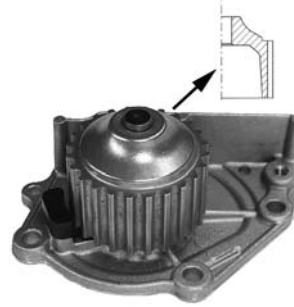
PA391



PA393



PA426



PA427

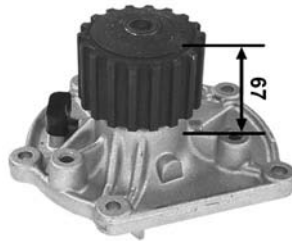


PA428



n° 20 Denti/Teeth

PA491



PA561A



PA562

		GRAF ref.			NOTE	Ad. OE
114 GTI 16v, GSi, Cabrio (75-76 kW) Eng.14K4F	91-98	PA427		•		GWP333,PEB10051,PEB102510L
114 GTI/GT 16v, Kat (66-69 kW) Eng.14K4D/14K4C	90-98	PA427		•		GWP333,PEB10051,PEB102510L
114 S/L/GTA, Cabrio (55 kW) Eng.14K2A/D	90-98	PA426		•		GWP336
115 D (42 kW) Eng.TUD5	94-98	PA491		•		GWP346

200 (RF) '11/95-'03/00

211 (44 kW) Eng.11K2D	98-00	PA426		•		GWP336
214 Si (76 kW) Eng.14K4F	95-00	PA427		•		GWP333,PEB10051,PEB102510L
214 i (55 kW) Eng.14K2F	95-00	PA426		•		GWP336
216 Si (82 kW) Eng.16K4F	95-00	PA427		•		GWP333,PEB10051,PEB102510L
218 K Vi (107 kW) Eng.18K4K(VVC)	95-00	PA427		•		GWP333,PEB10051,PEB102510L
220 D/SD (63 kW) Eng.20T2R	95-00	PA562				GWP193,GWP347,PEB102420
220 SDi (77 kW) Eng.20T2N	95-00	PA562				GWP193,GWP347,PEB102420

200 (XH) '03/85-'09/89

213 S (54 kW) Eng.EV2	85-89	PA385		•		GWP1143
216 EFi (61 kW) Eng.16H	85-89	PA374		•		GWP157,GWP173,GWP183
216 Vitesse (75 kW) Eng.16H	85-89	PA374		•		GWP157,GWP173,GWP183

200 (XW) '10/89-'11/99

214 (55 kW) Eng.14K2D/14K2A	93-95	PA426		•		GWP336
214 16v Si, GSi, Cabrio (76 kW) Eng.14K4F	93-99	PA427		•		GWP333,PEB10051,PEB102510L
214, Si,GSi,Cabrio (66-70 kW) Eng.14K4C/14K4D	89-99	PA427		•		GWP333,PEB10051,PEB102510L
216 16v Cabrio (82 kW) Eng.16K4F	96-99	PA428		•		GWP2157,GWP2161,GWP2163
216 GSi (82-85 kW) Eng.D16Z2	89-95	PA428		•		GWP2157,GWP2161,GWP2163
216 GTi (96 kW) Eng.D16A9	90-95	PA428		•		GWP2157,GWP2161,GWP2163
216, GTi, Cabrio, Coupé (90 kW) Eng.D16A8	90-99	PA428		•		GWP2157,GWP2161,GWP2163
218 D,TD (52 kW) Eng.XUD9AL	91-95	PA393		•	Eng. -10CU4N4014119	GWP337,GWP338
	91-95	PA391		•	Eng. 10CU4N4014120-	GWP2513,GWP344
218 TD (65 kW) Eng.XUD7TE	91-95	PA393		•	Eng. -10CV2L4016153	GWP337,GWP338
	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,GWP347,PEB102420
220 GTi, GSi Coupé (100 kW) Eng.20T4H	93-99	PA562				GWP193,GWP347,PEB102420
220 T, Coupé (147 kW) Eng.20T4G	93-95	PA562				GWP193,GWP347,PEB102420

2000-3500 (SD1) '06/76-'10/86

2.4 TD (67 kW) Eng.VMHR492	82-86	PA268				GWP320
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25 (RF) '10/99-

1.2 16V (55 kW) Eng.11K4F	04-	PA427		•		GWP333,PEB10051,PEB102510L
1.4 (62 kW) Eng.14K4M	99-	PA426		•		GWP336
1.4 16v (76 kW) Eng.14K4F	99-	PA427		•		GWP333,PEB10051,PEB102510L
1.6 16v (80 kW) Eng.16K4F	99-	PA427		•		GWP333,PEB10051,PEB102510L
1.8 16v (85 kW) Eng.18K4F	99-	PA427		•		GWP333,PEB10051,PEB102510L
1.8 16v (107 kW) Eng.18K4K(VVC)	00-	PA427		•		GWP333,PEB10051,PEB102510L
2.0 iDT (74 kW) Eng.20T2N	99-	PA562				GWP193,GWP347,PEB102420

400 (RT) '05/95-'03/00

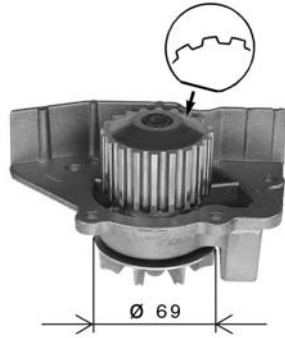
414 Si (76 kW) Eng.14K4F	95-00	PA427		•		GWP333,PEB10051,PEB102510L
416 Si (82 kW) Eng.16K4F	95-00	PA427		•		GWP333,PEB10051,PEB102510L
416 Si (83 kW) Eng.D16Y2	95-00	PA427		•		GWP333,PEB10051,PEB102510L
420 D (63 kW) Eng.20T2R	95-00	PA562				GWP193,GWP347,PEB102420
420 Di (77 kW) Eng.20T2N	95-00	PA562				GWP193,GWP347,PEB102420
420 Si Lux (100 kW) Eng.20T4H	95-00	PA562				GWP193,GWP347,PEB102420

400 (XW) '04/90-'11/98

414 GSi/SI (66-76 kW) Eng.14K4D/14K4C/14K4F	90-95	PA427		•		GWP333,PEB10051,PEB102510L
414 Si, Gsi, Cabrio (70 kW) Eng.14K4C	93-95	PA427		•		GWP333,PEB10051,PEB102510L
416 GSi, SW (82-85 kW) Eng.D16Z2	90-95	PA428		•		GWP2157,GWP2161,GWP2163
416 GTI, SW (90 kW) Eng.D16A8	90-95	PA428		•		GWP2157,GWP2161,GWP2163
416 GTI/GTE (96 kW) Eng.D16A9	90-95	PA428		•		GWP2157,GWP2161,GWP2163
418 D (49 kW) Eng.XUD9AL	91-95	PA393		•	Eng. -10CU4N4014119	GWP337,GWP338



PA187



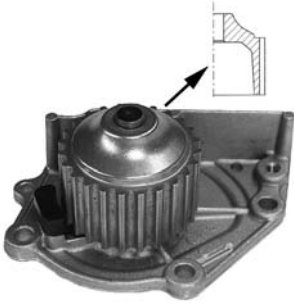
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PA393



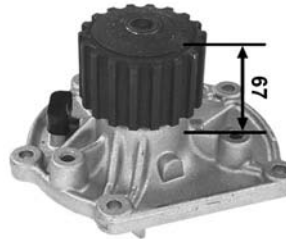
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PA427



PA549



PA561A



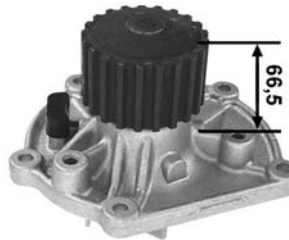
PA562



PA563



PA564



PA569A



PA671



PA802



PA883



PA884

		GRAF ref.			NOTE	Ad. OE
418 D (49 kW) Eng.XUD9AL	91-95	PA391			• Eng. 10CU4N4014120-	GWP2513,GWP344
418 TD, SW (65 kW) Eng.XUD7TE	91-95	PA393			• Eng. -10CV2L4016153	GWP337,GWP338
	91-95	PA391			• Eng. 10CV2L4016154-	GWP2513,GWP344
418 i SW (107 kW) Eng.18K4K(VVC)	96-98	PA427				GWP333,PEB10051,PEB102510L
420 GSI/SLI/GTI/Vitesse, SW (100 kW) Eng.20T4H	93-95	PA562				GWP193,GWP347,PEB102420
420 GTI/GSI/Vitesse (103 kW) Eng.20M4F	92-95	PA561A			• Ch -605481	GWP2166,GWP2707
	92-95	PA562			Ch 605482-	GWP193,GWP347,PEB102420
420 T. (147 kW) Eng.20T4G	93-95	PA562				GWP193,GWP347,PEB102420
45 (RT) '02/00-						
1.4 16v (76 kW) Eng.14K4F	00-	PA427				GWP333,PEB10051,PEB102510L
1.6 16v (80 kW) Eng.16K4F	00-	PA427				GWP333,PEB10051,PEB102510L
1.8 16v (86 kW) Eng.18K4F	00-	PA427				GWP333,PEB10051,PEB102510L
2.0 V6 (110 kW) Eng.20K4F	00-	PA884				GWP2602,PEB102240
2.0 iDT (74 kW) Eng.20T2N	00-	PA562				GWP193,GWP347,PEB102420
600 (RH) '08/93-'02/99						
618 i/Si (85 kW) Eng.F18A3	96-99	PA563				GWP342,GWP345
620 Sdi (77 kW) Eng.20T2N	94-99	PA562				GWP193,GWP347,PEB102420
620 Si (96 kW) Eng.F20Z1	93-99	PA563				GWP342,GWP345
620 Ti Vitesse (147 kW) Eng.20T4G	94-99	PA562				GWP193,GWP347,PEB102420
620 i (85 kW) Eng.F20Z2	93-96	PA563				GWP342,GWP345
623 Si (116 kW) Eng.H23A3	93-99	PA564				GWP343
75 (RJ), SW '02/99-						
1.8 (88 kW) Eng.K1.8	99-	PA427				GWP333,PEB10051,PEB102510L
1.8 T. (110 kW)	03-	PA427				GWP333,PEB10051,PEB102510L
2.0 CDT (85 kW) Eng.M47R	99-	PA883				GWP2604,PEB102440/L
2.0 CDTi (96 kW) Eng.204D2	03-	PA883				GWP2604,PEB102440/L
2.0 V6 (110 kW) Eng.20K4F	99-	PA884				GWP2602,PEB102240
2.5 V6 (129-130 kW) Eng.KV6	99-	PA884				GWP2602,PEB102240
800 '10/86-'02/99						
820 (74 kW)	88-91	PA569A	•	•	Ch 200605-	GWP2156
820 16v T. (132 kW) Eng.20T4G	92-99	PA562				GWP193,GWP347,PEB102420
820 16v i/Si (103 kW) Eng.20HD	86-88	PA561A			• Ch -200604	GWP2166,GWP2707
820 Si (98 kW) Eng.20HDM16	88-91	PA561A			• Ch -200604	GWP2166,GWP2707
820 Sport (145 kW)	94-96	PA561A				GWP2166,GWP2707
820 i/Si (100 kW) Eng.20T4H	92-99	PA562				GWP193,GWP347,PEB102420
820e, SE/Si (88 kW) Eng.20HS	86-91	PA561A				GWP2166,GWP2707
825 D/SD, Coupé (87 kW) Eng.425SL1RR/4924SHIRG	90-99	PA420A	•		Eng. 425SL/4924SH	GWP2162
	90-99	PA671	•		Eng. 425SL/4924SH, Impeller Ø 76mm	GWP2523
	90-99	PA802	•		Eng. 425SL/4924SH, Impeller Ø 71mm	GWP2523
825 Si/Sterling (123 kW) Eng.C25A2	86-88	PA420A	•			GWP2162
825 Si/Sterling (127 kW) Eng.C25A2	8791	PA420A	•			GWP2162
825 Si/Sterling Kat (110 kW) Eng.C25A1	86-91	PA420A	•			GWP2162
825 Si Lux, Coupé (129 kW) Eng.25K4F	96-99	PA420A	•			GWP2162
A40 '01/61-'12/67						
1.1	61-67	PA187				GWP101/2,GWP132/4
Acclaim '01/82-'12/85						
1.3 (51 kW) Eng.EJ	82-85	PA549				GWP1104,GWP1140
Allegro (ADO 67) '05/73-						
1.0 (33 kW)	80-83	PA187				GWP101/2,GWP132/4
1.1 (33-36 kW) Eng.10H	73-81	PA187				GWP101/2,GWP132/4
1.3, SW (40-43-46 kW) Eng.12H	73-83	PA187				GWP101/2,GWP132/4
Coupe '03/96-'11/99						
1.6 16 V (82 kW)	96-99	PA427				GWP333,PEB10051,PEB102510L
1.8 16 V (107 kW)	96-99	PA427				GWP333,PEB10051,PEB102510L



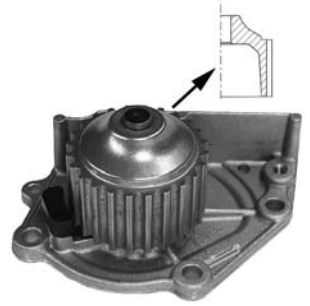
PA187



PA374



PA375



PA427



PA562



PA587



PA884



PA965

		GRAF ref.			NOTE	Ad. OE
MG TF '03/02-						
1.6 (85 kW) Eng.16K4F	02-	PA427		•		GWP333,PEB10051,PEB102510L
1.8 (88-100-118 kW) Eng.18K4F/K	02-	PA427		•		GWP333,PEB10051,PEB102510L
MG ZR '06/01-						
1.4 (76 kW)	01-	PA427		•		GWP333,PEB10051,PEB102510L
1.8 (86 kW) Eng.18K4F	01-	PA427		•		GWP333,PEB10051,PEB102510L
1.8 (118 kW) Eng.18K4K	01-	PA427		•		GWP333,PEB10051,PEB102510L
2.0 TD (74 kW)	01-	PA562				GWP193,GWP347,PEB102420
MG ZS '07/01-						
2.5 (130 kW) Eng.25K4F	01-	PA884		•		GWP2602,PEB102240
MG ZT '06/01-						
2.0 CDTi (96 kW) Eng.204D2	02-	PA965				-
MGF (RD) '03/95-'03/02						
1.6 (82 kW) Eng.16K4F	00-02	PA427		•		GWP333,PEB10051,PEB102510L
1.8 i 16v (88 kW) Eng.18K4F	95-02	PA427		•		GWP333,PEB10051,PEB102510L
1.8 i VVC (107 kW) Eng.18K4K(VVC)	95-02	PA427		•		GWP333,PEB10051,PEB102510L
1.8 i VVC (118 kW)	01-02	PA427		•		GWP333,PEB10051,PEB102510L
Maestro I (XC) '03/83-'09/90						
1.3 (46 kW) Eng.12HC32/12H999AA/12H	83-85	PA375				GWP151,GWP158
1.3 LS (49 kW) Eng.12H	83-90	PA375				GWP151,GWP158
1.6 Mayfair HLS (61 kW) Eng.16HC37	83-90	PA374		•		GWP157,GWP173,GWP183
Marina I '04/71-'09/75						
1.3, Coupé (42-44 kW)	71-75	PA187				GWP101/2,GWP132/4
Marina II '03/75-'10/78						
1.3 (42 kW)	75-78	PA187				GWP101/2,GWP132/4
Marina III '09/78-'10/80						
1.3, SW (42-43 kW)	78-80	PA187				GWP101/2,GWP132/4
Metro MG '10/80-'09/90						
1.0 (30 kW)	80-90	PA587				GWP154
1.0 (33 kW) Eng.99H	80-90	PA587				GWP154
1.0 Surf HLE (35 kW) Eng.99HA65P	80-90	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 Surf,L,HLE,S (44 kW) Eng.12HC21AA	85-90	PA587				GWP154
1.3 T. (66-69 kW) Eng.12HA85AA	82-90	PA587				GWP154
Metro Van '10/80-'09/90						
1.0 (30 kW)	80-90	PA587				GWP154
1.0 (33 kW) Eng.99H	80-90	PA587				GWP154
1.0 Surf HLE (35 kW) Eng.99HA65P	80-90	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 Surf,L,HLE,S (44 kW) Eng.12HC21AA	85-90	PA587				GWP154
1.3 T. (66-69 kW) Eng.12HA85AA	82-90	PA587				GWP154
Mini Mk I '01/67-						
0.8 (25 kW) Eng.BMCSerieA	67-79	PA187				GWP101/2,GWP132/4
1.0 (26 kW)	67-84	PA187				GWP101/2,GWP132/4
1.0 Mayfair (31 kW) Eng.99HC20P/997P/99HA53P	82-93	PA187				GWP101/2,GWP132/4
1.0, Mayfair Sport (30 kW) Eng.99HD81	88-93	PA187				GWP101/2,GWP132/4



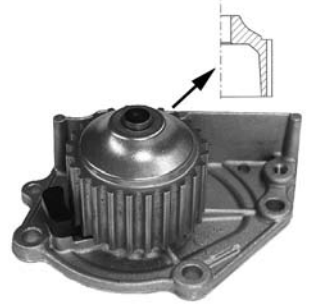
PA187



PA374



PA375



PA427



PA562



PA636



PA672



PA727



PA730



PA901



PA957



PA991

		GRAF ref.			NOTE	Ad. OE
1.1 Special (33 kW) Eng.10H	76-81	PA187				GWP101/2,GWP132/4
1.3 (37 kW) Eng.12A2B	92-	PA187				GWP101/2,GWP132/4
1.3 (39 kW) Eng.12A2D	92-95	PA187				GWP101/2,GWP132/4
1.3 (44 kW) Eng.12A2A	67-91	PA187				GWP101/2,GWP132/4
1.3 (45 kW) Eng.12A2A	1/91-12/91	PA187				GWP101/2,GWP132/4
1.3, Cabrio (46 kW) Eng.12A2E/L	92-	PA187				GWP101/2,GWP132/4

Mini Mk I Cooper '01/67-'12/91

0.8 Cooper S (25 kW) Eng.BMCSerieA	67-79	PA187				GWP101/2,GWP132/4
1.0 Cooper (29 kW) Eng.99H	67-84	PA187				GWP101/2,GWP132/4
1.3 Cooper S (44 kW) Eng.12A2A	67-91	PA187				GWP101/2,GWP132/4

Mini Mk I Van, Pick-Up '01/67-'06/93

0.8 (25 kW) Eng.BMCSerieA	67-79	PA187				GWP101/2,GWP132/4
1.0 (26 kW)	67-84	PA187				GWP101/2,GWP132/4
1.0 Mayfair (31 kW) Eng.99HC20P/99H997P/99HA53P	82-93	PA187				GWP101/2,GWP132/4
1.0, Mayfair Sport (30 kW) Eng.99HD81	88-93	PA187				GWP101/2,GWP132/4
1.1 Special (33-37 kW) Eng.10H	76-81	PA187				GWP101/2,GWP132/4

Montego (XE), SW '04/84-'10/95

1.3 (50 kW) Eng.12H	84-85	PA375				GWP151,GWP158
1.6 LS,HL (61 kW) Eng.16HC37	84-88	PA374		•		GWP157,GWP173,GWP183

Streetwise '08/03-

1.4 (76 kW)	03-	PA427		•		GWP333,PEB10051,PEB102510L
2.0 TD (74 kW) Eng.20T2N	03-	PA562				GWP193,GWP347,PEB102420

9-3 I (YS3D), Cabrio '02/98-'09/02

2.0 SE T. (147 kW) Eng.B204R	98-02	PA636	•			5960414,8822710,8822744,8822793 9321951
2.0 Turbo (113 kW) Eng.B204E	98-02	PA636	•			5960414,8822710,8822744,8822793 9321951
2.0 Turbo (136 kW) Eng.B204L	98-02	PA636	•			5960414,8822710,8822744,8822793 9321951
2.0 Turbo (151 kW) Eng.B205R	99-02	PA636	•			5960414,8822710,8822744,8822793 9321951
2.0 i (96 kW) Eng.B204I	98-02	PA636	•			5960414,8822710,8822744,8822793 9321951
2.0 i (110 kW) Eng.B205E	01-02	PA636	•			5960414,8822710,8822744,8822793 9321951
2.2 TiD (Exc. Cabrio) (85 kW) Eng.X22DTH	98-00	PA730				4772711,90502378
2.2 TiD (Exc. Cabrio) (92 kW) Eng.D223L	00-02	PA730				4772711,90502378
2.3 i (110 kW) Eng.B234I	98-02	PA636	•			5960414,8822710,8822744,8822793 9321951
2.3 i (165 kW) Eng.B235R	98-02	PA636	•			5960414,8822710,8822744,8822793 9321951

9-3 II (YS3F), SW '09/02-

1.8 T, Cabrio (110 kW) Eng.B207E	02-	PA957	•			93181118
1.8 i (90 kW) Eng.Z18XE	04-	PA727		•		90543935
1.9 TiD (88 kW) Eng.Z19DT	04-	PA672		•		93178713
1.9 TiD, Cabrio (110 kW) Eng.Z19DTH	04-	PA672		•		93178713
2.0 Turbo, Cabrio (129 kW) Eng.B207L	02-	PA957	•			93181118
2.0 Turbo, Cabrio (154 kW) Eng.B207R	02-	PA957	•			93181118
2.2 TiD (92 kW) Eng.D223L	02-	PA730				4772711,90502378
2.8 T V6, Cabrio (184 kW)	05-	PA991				12566029

9-5 (YS3E), SW '09/97-

1.9 TiD (110 kW) Eng.Z19DTH	06-	PA901		•		93179114
2.0 Turbo (110 kW) Eng.B205E	97-	PA636	•			5960414,8822710,8822744,8822793 9321951
2.0 Turbo (141 kW) Eng.B204L	98-	PA636	•			5960414,8822710,8822744,8822793 9321951
2.2 TiD (88 kW) Eng.D223L	02-	PA730				4772711,90502378



PA036



PA284



PA413



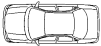

PA636



PA637

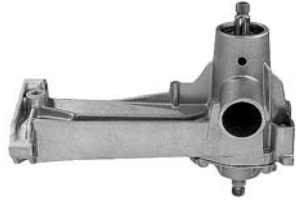


PA638

		GRAF ref.			NOTE	Ad. OE
2.3 Turbo (125 kW) Eng.B235E	97-	PA636	•			5960414,8822710,8822744,8822793 9321951
2.3 Turbo (136 kW) Eng.B235E	01-	PA636	•			5960414,8822710,8822744,8822793 9321951
2.3 Turbo (162 kW) Eng.B235L	03-	PA636	•			5960414,8822710,8822744,8822793 9321951
2.3 Turbo (169 kW) Eng.B235R	99-01	PA636	•			5960414,8822710,8822744,8822793 9321951
2.3 Turbo (184 kW) Eng.B235R	01-	PA636	•			5960414,8822710,8822744,8822793 9321951
2.3 Turbo (191 kW) Eng.B235R	05-	PA636	•			5960414,8822710,8822744,8822793 9321951
3.0 V6t (147 kW) Eng.B308E	98-	PA637				4770970,8821944
90 '08/84-'08/87						
2.0 (74 kW) Eng.B20I	84-87	PA284				7501547,7507460,8817900,9307893
900 I, SW Coupé '09/78-'06/94						
2.0 -16, Cabrio (93 kW) Eng.B202I	89-94	PA284				7501547,7507460,8817900,9307893
2.0 EMS (Exc. SW) (87 kW) Eng.BI20	79-80	PA284				7501547,7507460,8817900,9307893
2.0 S T-16 (104 kW) Eng.B202S	91-94	PA284				7501547,7507460,8817900,9307893
2.0 T-16 (132 kW) Eng.B202L	93-94	PA636	•			5960414,8822710,8822744,8822793 9321951
2.0 T-16 S, Cabrio, kat (125-129 kW) Eng.B202XL	84-93	PA284				7501547,7507460,8817900,9307893
2.0 Turbo (103 kW) Eng.B201XL	86-91	PA284				7501547,7507460,8817900,9307893
2.0 Turbo (107 kW) Eng.BSI20/B201S	78-85	PA284				7501547,7507460,8817900,9307893
2.0 Turbo (110 kW) Eng.B201X,XL	86-88	PA284				7501547,7507460,8817900,9307893
2.0 c (74 kW) Eng.B20/B201XC	79-88	PA284				7501547,7507460,8817900,9307893
2.0 c (79 kW) Eng.BT20,T	78-84	PA284				7501547,7507460,8817900,9307893
2.0 i (81 kW) Eng.B201	85-90	PA284				7501547,7507460,8817900,9307893
2.0 i (85 kW) Eng.B201XI	80-90	PA284				7501547,7507460,8817900,9307893
2.1 -16, Cabrio (100 kW) Eng.B212I	89-93	PA284				7501547,7507460,8817900,9307893
900 II, Coupe, Cabrio '07/93-'02/98						
2.0 16v T. (136 kW) Eng.B204L	93-98	PA636	•			5960414,8822710,8822744,8822793 9321951
2.0 i 16v (96 kW) Eng.B204I	94-98	PA636	•			5960414,8822710,8822744,8822793 9321951
2.0 i 16v (Exc. Cabrio) (98 kW) Eng.B206I	93-94	PA636	•			5960414,8822710,8822744,8822793 9321951
2.3 16v (110 kW) Eng.B234I	93-98	PA636	•			5960414,8822710,8822744,8822793 9321951
2.5 -24 V6 (125 kW) Eng.B258I	93-98	PA637				4770970,8821944
9000 '09/84-'12/98						
2.0 -16 CD (110 kW) Eng.B204E	93-98	PA638	•			9321688
2.0 -16 CS, CD (96 kW) Eng.B204I	93-98	PA638	•			9321688
2.0 -16 T (118 kW) Eng.B202XL	84-93	PA413				4610176,4610192,8817918,9321670
2.0 -16 T (127 kW) Eng.B202	89-92	PA413				4610176,4610192,8817918,9321670
2.0 -16 T (129 kW) Eng.B202XL	84-91	PA413				4610176,4610192,8817918,9321670
2.0 -16 T CD (108 kW) Eng.B202S	92-98	PA638	•			9321688
2.0 -16 T CS, CD (136 kW) Eng.B202L	88-98	PA413				4610176,4610192,8817918,9321670
2.0 -16 T, CD (120 kW) Eng.B202XL	88-93	PA413				4610176,4610192,8817918,9321670
2.0 -16, CS (94 kW) Eng.B202I	89-98	PA413				4610176,4610192,8817918,9321670
2.0 -16, Kat (92-94 kW) Eng.B202X,XI	85-88	PA413				4610176,4610192,8817918,9321670
2.3 -16 Aero CS (162-165 kW) Eng.B234R	93-98	PA638	•			9321688
2.3 -16 CDE, CSE Eco-Power (125 kW) Eng.B234E	93-98	PA638	•			9321688
2.3 -16 CS/CSE, CD/CDE (107 kW) Eng.B234I	89-98	PA638	•			9321688
2.3 -16 T (143 kW) Eng.B234L	90-98	PA638	•			9321688
2.3 -16 T, CSE, CD (147 kW) Eng.B234L	90-98	PA638	•			9321688
3.0 -24 V6 CS/CSE, CD/CDE (155 kW) Eng.B308I	94-98	PA637				4770970,8821944
95 SW '10/65-'12/78						
1.5 V4 (46-48-50 kW) Eng.FordV4(EGR)	65-78	PA036				5005036,603089,6036362



PA006



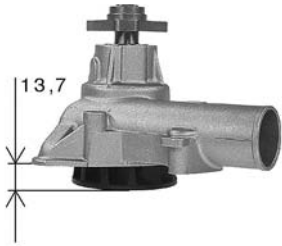
PA008



PA016



PA017



PA020



PA036



PA054



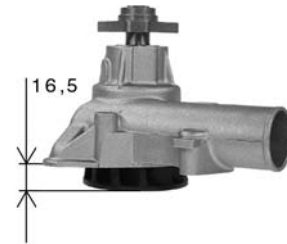
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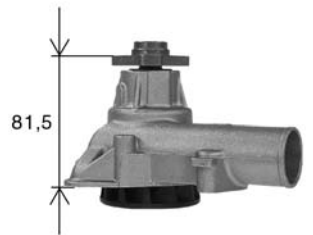
PA089



PA161



PA162



PA163



PA178



PA279



PA554



PA559



PA579



PA655



PA869



PA879

		GRAF ref.			NOTE	Ad. OE
96 '10/65-'08/80						
1.5 GT (50 kW) Eng.FordV4	65-80	PA036				5005036,603089,6036362
1.5 V4 (46-48 kW) Eng.FordV4	65-80	PA036				5005036,603089,6036362

SCANIA

Serie 112 H/M '01/81-'12/86						
All models (224-206 kW) Eng.DS11	81-86	PA869				1314406
Serie 113 M/H/E '01/88-'12/96						
All models (228-235-239-265-267-280 kW) Eng.DSC11	88-96	PA869				1314406

SEAT

124 '01/68-'10/80						
1.2 LS, SW (48 kW) Eng.FA	68-78	PA016				FA032000 00
	78-80	PA020				FA032000 03
1.2D, SW (44 kW)	68-76	PA016				FA032000 00
	75-76	PA020				FA032000 03
1.43 (55 kW)	70-76	PA017			Sport, Coupe, Spider	FD032000 00,FD032001 00
	70-76	PA162				FL032000 00
1.43 Especial (70 kW)	70-76	PA017			Sport, Coupe, Spider	FD032000 00,FD032001 00
	73-75	PA089				GE032000 01
	75-76	PA162				FL032000 00

127 (127A) '04/72-'12/82

0.9 (33 kW)	72-82	PA088				HB032000 01,SE020032000A
1.0 (38 kW)	72-82	PA559			w/RB	4336009,5882691,5890406

128 '01/76-'12/80

1.2 (49 kW)	76-80	PA054			w/BH	5882695
	76-80	PA554	•			5882695
1.4 (57 kW)	76-80	PA054			w/BH	5882695
	76-80	PA554	•			5882695

131 '10/74-'12/86

1.5 (55 kW)	82-85	PA020				FA032000 03
1.6 (71 kW) Eng.132BBOAO	82-85	PA089			I^Serie	GE032000 01
	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 '05/73-'12/82

1.6 (72 kW)	73-80	PA089			I^Serie	GE032000 01
	73-80	PA163			II^Serie	GE032000 02
1.8 (77 kW)	73-80	PA163				GE032000 02
1.9 (80 kW)	79-82	PA163				GE032000 02

600 D '09/63-'04/70

0.8 (17 kW)	63-70	PA006				BA032099 01,BD032001 02
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850 '01/66-'07/75

0.9 (35 kW)	66-74	PA008				EA032001 01,ED032001 00
0.9 (25-27 kW)	66-75	PA008				EA032001 01,ED032001 00

Alhambra (7V8, 7V9) '04/96-

1.8 T 20v (110 kW) Eng.AWC/AJH	97-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 TDI (66 kW) Eng.1Z/AHU/ANU	96-	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	96-	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 TDI (81 kW) Eng.AFN	96-00	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	96-00	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 TDI (96 kW) Eng.ASZ	02-	PA879		•		045 121 011F/H



PA279



PA425



PA579



PA603



PA609



PA617



PA654



PA655



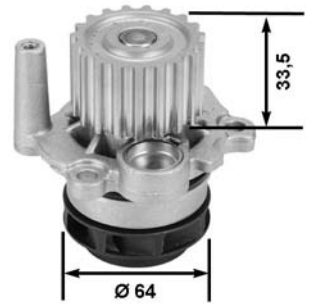
PA674



PA676



PA731



PA762



PA804



8 Pale / Vane

PA879



8 Pale / Vane

PA904



8 Pale / Vane

PA905



PA980

		GRAF ref.			NOTE	Ad. OE
1.9 TDI, 4motion (85 kW) Eng.AUY	00-	PA762		•		038 121 011C/D
2.0 i (85 kW) Eng.ADY/ATM	96-	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	96-	PA579			w/BH	026 121 010F,037 121 010/A/C
2.8 V6 (150 kW) Eng.AYL	00-	PA617	•		Ch -7M2525000	021 121 004/A

Altea (5P1) / Altea XL '03/04-

1.6 (75 kW) Eng.BGU	04-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.9 TDI (77 kW) Eng.BKC/BJB	04-	PA879		•		045 121 011F/H
2.0 FSI (110 kW) Eng.BLY/BLR	04-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 TDI (100-103 kW) Eng.AZV/BKD	04-	PA905		•		038 121 011H,03G 121 011
2.0 TDi DPF (125 kW) Eng.BMN	05-	PA905		•		038 121 011H,03G 121 011
2.0 TFSi FR (147 kW)	05-	PA980		•		06A 121 011R,06F 121 011

Arosa (6H) '05/97-

1.0 (37 kW) Eng.AER/AUC/ALL/ANV/ALD	97-	PA676		•		030 121 005S,030 121 008A/C
1.0 (37 kW) Eng.AHT	97-	PA804				047 121 013J
1.4 (44 kW) Eng.AEX	97-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.4 (44 kW) Eng.APQ/AKV/AUD/AKK/ANW	97-	PA676		•		030 121 005S,030 121 008A/C
1.4 16v (74 kW) Eng.AQQ/AUB/AFK/ANM	00-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.4 TDI (55 kW) Eng.AMF	00-	PA879		•		045 121 011F/H
1.7 SDI (44 kW) Eng.AKU	97-	PA609				028 121 004/V/X

Cordoba I (6K2/C2) '02/93-'06/99

1.0 i (37 kW) Eng.AER	96-99	PA425		•		030 121 005L
1.4 i 16v (74 kW) Eng.AFH	96-99	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
1.4 i, SW (44 kW) Eng.AKV/ABD/APQ/ANX/AEX	12/95-99	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
	9/93-12/95	PA425		•		030 121 005L
1.6 i, SW (55-74 kW) Eng.1F/AFT	93-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	93-99	PA579			w/BH	026 121 010F,037 121 010/A/C
1.6i, SW (55 kW) Eng.ABU	96-99	PA425		•		030 121 005L
1.6i, SW (55 kW) Eng.ALM/AEE	96-99	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
1.8 i (66 kW) Eng.ADZ/ABS	93-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	93-99	PA579			w/BH	026 121 010F,037 121 010/A/C
1.8 i 16v (95 kW) Eng.ADL	93-96	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	93-96	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 D (47-50 kW) Eng.1Y	93-96	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	93-96	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 SDI, SW (47 kW) Eng.AEF/AEY	96-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	96-99	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 TD (55 kW) Eng.AAZ	93-96	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	93-96	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 TDI, SW (66-81 kW) Eng.AHU/1Z/AFN	96-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	96-99	PA579			w/BH	026 121 010F,037 121 010/A/C
2.0 i (85 kW) Eng.2E/AGG	93-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	93-99	PA579			w/BH	026 121 010F,037 121 010/A/C
2.0 i 16v (110 kW) Eng.ABF	96-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	96-99	PA579			w/BH	026 121 010F,037 121 010/A/C

Cordoba II (6K2) '06/99-'10/02

1.4 16v (74 kW) Eng.AUB/AQQ	00-02	PA654		•		036 121 005D/J/M
1.4 16v, SW (55 kW) Eng.APE	00-02	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.4,SW (44 kW) Eng.AKK/ANW	99-02	PA676		•		030 121 005S,030 121 008A/C
1.6, SW (55 kW) Eng.ALM	99-02	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
1.6, SW (74 kW) Eng.APF/AKL/AEH	99-02	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.8 T 20v Cupra (115 kW) Eng.AQX	00-02	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 SDI, SW (50 kW) Eng.AGP/AQM	99-02	PA731		•		038 121 011/A/AV/AX
1.9 TDI, SW (66 kW) Eng.AGR/ALH	99-02	PA731		•		038 121 011/A/AV/AX



PA088



PA230



PA279



PA304



PA425



PA579



PA603



PA654



PA655



PA674

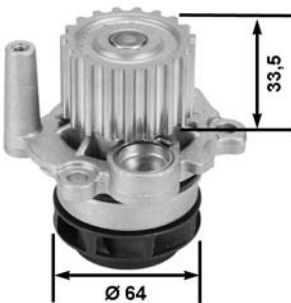


Girante Turbina
Turbine impeller

PA679



PA761



PA762



PA779



PA806



PA855



8 Pale / Vane

PA875



7 Pale / Vane

PA878



8 Pale / Vane

PA879

		GRAF ref.			NOTE	Ad. OE
1.9 TDI, SW (81 kW) Eng.ASV/ASK	99-02	PA679				026 121 005F/K/L
	99-02	PA779			w/BH	050 121 010/A/AV/AX/C/X
Cordoba III (6L2) '10/02-						
1.2 (47 kW) Eng.AZQ	02-	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
1.4 16v (74 kW) Eng.BBZ	02-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.4 TDI (51 kW) Eng.BNM	05-	PA879		•		045 121 011F/H
1.4 TDI (55 kW) Eng.AMF	02-	PA879		•		045 121 011F/H
1.4 TDI (59 kW) Eng.BMS	05-	PA879		•		045 121 011F/H
1.6 (74 kW) Eng.BAH	03-	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
1.9 SDI (47 kW) Eng.ASY	02-	PA806		•	Ch -9N2100000	045 121 011C
	02-	PA875		•	Ch 9N2100001-	045 121 011G
1.9 TDI (74 kW) Eng.ATD	02-	PA761		•	Ch -6L3000000	045 121 011B
1.9 TDI (96 kW) Eng.ASZ	02-	PA762		•	Ch -6L3000000	038 121 011C/D
	02-	PA878		•	Ch 6L3000001-	038 121 011G
2.0 (85 kW) Eng.AZL/BBX	02-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
Fura (025A) '01/82-'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)	82-86	PA088				HB032000 01,SE020032000A
1.4 (55 kW) Eng.127B.7000	82-86	PA088				HB032000 01,SE020032000A
Ibiza I (021A) '06/84-'12/93						
0.9 (29 kW) Eng.09NCA	90-93	PA088				HB032000 01,SE020032000A
0.9 (32 kW) Eng.146A000	86-93	PA088				HB032000 01,SE020032000A
1.2 (44-47 kW) Eng.021A1000	84-93	PA304		•		SE021032000A
1.2 i (52 kW) Eng.021C.1000	89-93	PA304		•		SE021032000A
1.5 (63 kW) Eng.021A2000	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) '03/93-'08/99						
1.0 (33 kW) Eng.AAU	2/93-96	PA425		•		030 121 005L
1.0 i (37 kW) Eng.AER	96-99	PA425		•		030 121 005L
1.3 i (40 kW) Eng.AAV	93-99	PA425		•		030 121 005L
1.4 i (44 kW) Eng.ABD/AEX/AKV/APQ	12/95-99	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
	9/93-12/95	PA425		•		030 121 005L
1.4 i 16v (74 kW) Eng.AFH	96-99	PA654		•		036 121 005/D/J/M
1.6 i (55 kW) Eng.ALM/AEE	93-99	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
1.6 i (55-74 kW) Eng.AFT/1F	93-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	93-99	PA579			w/BH	026 121 010F,037 121 010/A/C
1.6i (55 kW) Eng.ABU	93-99	PA425		•		030 121 005L
1.8 i (66 kW) Eng.ADZ/ABS	93-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	93-99	PA579			w/BH	026 121 010F,037 121 010/A/C
1.8 i 16v (95 kW) Eng.ADL	93-96	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	93-96	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 D (47-50 kW) Eng.1Y	93-96	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	93-96	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 SDI (47 kW) Eng.AEF/AEY	96-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	96-99	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 TD (55 kW) Eng.AAZ	93-96	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	93-96	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 TDI (66-81 kW) Eng.1Z/AHU/AFN	96-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	96-99	PA579			w/BH	026 121 010F,037 121 010/A/C
2.0 i (85 kW) Eng.AGG/2E	93-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C



PA279



PA425



PA579



PA603



PA617



PA655



PA674



PA676



PA731



PA761



PA762



PA765



PA806



PA855



PA875



PA879



PA904



PA905

		GRAF ref.		NOTE	Ad. OE
2.0 i (85 kW) Eng.AGG/2E	93-99	PA579		w/BH	026 121 010F,037 121 010/A/C
2.0 i 16v (110 kW) Eng.ABF	96-99	PA279	•		026 121 005A/C/E/G/H,037 121 005C
	96-99	PA579		w/BH	026 121 010F,037 121 010/A/C

Ibiza III (6K1) '08/99-'02/02

1.0 (37 kW) Eng.ANV/ALD/AUC	99-02	PA425	•		030 121 005L
1.4 (44 kW) Eng.AKK/AUD/ANW	99-02	PA676	•		030 121 005S,030 121 008A/C
1.4 16v (55 kW) Eng.AUA/APE	00-02	PA674	•		036 121 005B/E/Q/QX/S,036 121 008K
1.4 16v (74 kW) Eng.AQQ/AUB	99-02	PA674	•		036 121 005B/E/Q/QX/S,036 121 008K
1.6 (55 kW) Eng.ALM	99-02	PA603	•		030 121 005N/NV/NX/T/TX,030 121 008D
1.6 (74 kW) Eng.APF/AKL/AEH/AUR	99-02	PA904	•		06B 121 011A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.8 T 20v Cupra (115 kW) Eng.AQX/AYP	00-02	PA655	•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 SDI (50 kW) Eng.AQM/AGP	99-02	PA731	•		038 121 011A/AV/AX
1.9 TDI (66 kW) Eng.ALH/AGR	99-02	PA731	•		038 121 011A/AV/AX
1.9 TDI (81 kW) Eng.ASK/ASV	99-02	PA731	•		038 121 011A/AV/AX

Ibiza IV (6L1) '02/02-

1.2 (47 kW) Eng.AZQ	02-	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
1.4 16v (74 kW) Eng.BBZ/AUB	02-	PA674	•		036 121 005B/E/Q/QX/S,036 121 008K
1.4 TDI (51 kW) Eng.BNM	05-	PA879	•		045 121 011F/H
1.4 TDI (55 kW) Eng.AMF	02-	PA879	•		045 121 011F/H
1.4 TDI (59 kW) Eng.BMS	05-	PA879	•		045 121 011F/H
1.6 (74 kW) Eng.BAH	03-	PA603	•		030 121 005N/NV/NX/T/TX,030 121 008D
1.8 T Cupra R (132 kW) Eng.BBU	04-	PA655	•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 T FR (110 kW) Eng.BJX/BKV	03-	PA655	•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 SDI (47 kW) Eng.ASY	02-	PA806	•	Ch -9N2100000	045 121 011C
	02-	PA875	•	Ch 9N2100001-	045 121 011G
1.9 TDI (74 kW) Eng.ATD	02-	PA761	•	Ch -6L3000000	045 121 011B
1.9 TDI (96 kW) Eng.ASZ	02-	PA761	•	Ch -6L3000000	045 121 011B
	02-	PA875	•	Ch 6L3000001-	045 121 011G
1.9 TDI Cupra R (110 kW) Eng.ARL	04-	PA905	•		038 121 011H,03G 121 011
1.9 TDI Cupra R (118 kW) Eng.BPX	04-	PA905	•		038 121 011H,03G 121 011

Leon I (1M1) '11/99-'09/05

1.4 16v (55 kW) Eng.APE/AHW/BCA/AXP	99-05	PA674	•		036 121 005B/E/Q/QX/S,036 121 008K
1.6 (74 kW) Eng.AEH/AKL	99-05	PA904	•		06B 121 011A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 16v (77 kW) Eng.AUS/BCB/AZD	99-05	PA765	•		036 121 005F/P,036 121 008G
1.8 20v (92 kW) Eng.APG/AGN	99-05	PA655	•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 20v T (132 kW) Eng.APP/AUQ	99-05	PA655	•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 20v T4 (132 kW) Eng.AJQ/ARY	99-05	PA655	•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 T Cupra R (154 kW) Eng.AMK	02-05	PA655	•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 T Cupra R (165 kW) Eng.BAM	03-05	PA655	•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 SDI (50 kW) Eng.AQM	99-02	PA731	•		038 121 011A/AV/AX
1.9 TDI (66 kW) Eng.ALH/AGR	99-05	PA731	•		038 121 011A/AV/AX
1.9 TDI (81 kW) Eng.ASV/AHF	99-05	PA731	•		038 121 011A/AV/AX
1.9 TDI (96 kW) Eng.ASZ	03-05	PA762	•		038 121 011C/D
1.9 TDI, Syncro (110 kW) Eng.ARL	01-05	PA905	•		038 121 011H,03G 121 011
2.8 Cupra 4 (150 kW) Eng.AUE	01-05	PA617	•		021 121 004/A

Leon II (1P1) '09/05-

1.4 16V (55 kW)	05-	PA674	•		036 121 005B/E/Q/QX/S,036 121 008K
1.6 (75 kW) Eng.BSE/BSF	05-	PA904	•		06B 121 011A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 16V (77 kW)	05-	PA904	•		06B 121 011A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L



PA088



PA230



PA279



PA304



PA332



PA423



PA579



PA655



PA731



8 Pale / Vane

PA879



8 Pale / Vane

PA904



8 Pale / Vane

PA905



PA980

		GRAF ref.			NOTE	Ad. OE
1.8 T 20V (132 kW)	05-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 T 20V (165 kW)	05-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 TDI (77 kW) Eng.BKC/BLS	05-	PA879		•		045 121 011F/H
1.9 TDI (81 kW)	05-	PA731		•		038 121 011/A/AV/AX
1.9 TDI (110 kW)	05-	PA731		•		038 121 011/A/AV/AX
2.0 FSi (110 kW) Eng.BLR/BVZ/BLY/BVY	05-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 TDI (103 kW) Eng.BKD/BMM	05-	PA905		•		038 121 011H,03G 121 011
2.0 TDI (125 kW) Eng.BMN	06-	PA905		•		038 121 011H,03G 121 011
2.0 TFSI (136 kW) Eng.BWA	05-	PA980		•		06A 121 011R,06F 121 011

Malaga (023A) '11/84-'12/93

1.2 (44-47 kW) Eng.021A1000	84-93	PA304		•		SE021032000A
1.2 i (52 kW) Eng.021C.1000	89-93	PA304		•		SE021032000A
1.5 (63 kW) Eng.021A2000	85-93	PA304		•		SE021032000A
1.5 i (74 kW) Eng.021B.2000	87-93	PA304		•		SE021032000A
1.5 i Kat (66 kW) Eng.021D.2000/C.2000	86-93	PA304		•		SE021032000A
1.7 D (40-42 kW) Eng.022A.5000	85-93	PA230				SE700032000A

Marbella (28) '08/86-'10/98

0.8 (25 kW) Eng.08NCA	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	96-98	PA088				HB032000 01,SE020032000A

Panda (141A) '10/80-'08/98

0.8 (25 kW)	81-85	PA088				HB032000 01,SE020032000A
0.9 (31-33 kW) Eng.100GL3.000/146A.000	80-94	PA088				HB032000 01,SE020032000A

Ritmo (138) '07/78-'09/83

1.2 (47 kW)	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) '06/82-'11/88

1.2 (44 kW) Eng.021A1000	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 (63 kW) Eng.021A2000	84-86	PA304		•		SE021032000A
1.6 (68 kW) Eng.022A000/138AR6000	83-85	PA304		•		SE021032000A
1.7 D (40 kW) Eng.022A.5000	82-86	PA304		•		SE021032000A

Terra (24) '02/87-'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 004A,031 121 005C
1.4 D (35 kW) Eng.1W	90-95	PA423		•		031 121 004A,031 121 005C

Toledo I (1L) '05/91-'03/99

1.6 i (54 kW) Eng.EZ/ABN	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	91-99	PA579			w/BH	026 121 010F,037 121 010/A/C
1.6 i (74 kW) Eng.AFT	96-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	96-99	PA579			w/BH	026 121 010F,037 121 010/A/C
1.6 i (52-55 kW) Eng.1F	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	91-99	PA579			w/BH	026 121 010F,037 121 010/A/C
1.8 16v (92-98 kW) Eng.PL/KR	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	91-99	PA579			w/BH	026 121 010F,037 121 010/A/C
1.8 i (65 kW) Eng.RP	91-96	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	91-96	PA579			w/BH	026 121 010F,037 121 010/A/C
1.8 i (66 kW) Eng.ABS/ADZ	93-96	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	93-96	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 D, SDi (47-50 kW) Eng.1Y	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	91-99	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 TD (55 kW) Eng.AAZ	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C



PA088



PA263



PA279



PA423



PA579



PA603



PA655



PA658



PA674



PA731



PA762



PA764



PA765



PA879



PA904



PA905

		GRAF ref.			NOTE	Ad. OE
1.9 TD (55 kW) Eng.AAZ	91-99	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 TDI (66 kW) Eng.1Z/AHU	95-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	95-99	PA579			w/BH	026 121 010F,037 121 010/A/C
2.0 i (85 kW) Eng.2E/AGG	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	91-99	PA579			w/BH	026 121 010F,037 121 010/A/C
2.0 i 16v (110 kW) Eng.ABF	93-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	93-99	PA579			w/BH	026 121 010F,037 121 010/A/C

Toledo II (1M2) '04/99-'09/04

1.4 16v (55 kW) Eng.AXP/AHW	99-04	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.6 (74 kW) Eng.AKL/AEH	99-00	PA904		•		06B 121 011A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 16v (77 kW) Eng.AUS/AZD	00-04	PA765		•		036 121 005F/P,036 121 008G
1.8 20v (92 kW) Eng.APG/AGN	99-04	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 20v T (132 kW) Eng.AUQ	01-04	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 SDI (50 kW)	99-04	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	99-04	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 TDI (66 kW) Eng.ALH/AGR	99-04	PA731		•		038 121 011A/AV/AX
1.9 TDI (81 kW) Eng.ASV/AHF	99-04	PA731		•		038 121 011A/AV/AX
1.9 TDI (96 kW) Eng.ASZ	03-04	PA762		•		038 121 011C/D
1.9 TDI (110 kW) Eng.ARL	00-04	PA905		•		038 121 011H,03G 121 011
2.3 V5 (110 kW) Eng.AGZ	99-01	PA658				066 121 011C,071 121 005
2.3 V5 20v (125 kW) Eng.AQN	01-04	PA658				066 121 011C,071 121 005

Toledo III (5P2) '10/04-

1.6 (75 kW) Eng.BGU	04-	PA904		•		06B 121 011A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.9 TDI (77 kW) Eng.BJB/BKC	04-	PA879		•		045 121 011F/H
2.0 FSI (110 kW) Eng.BLY/BLR	04-	PA904		•		06B 121 011A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 TDI (103 kW) Eng.BKD	04-	PA905		•		038 121 011H,03G 121 011

SEAT LCV
Inca (6K9) '11/95-

1.4 16v (55 kW) Eng.AUA	00-	PA764		•		077 121 004M/MX/N
1.4 i (44 kW) Eng.AEX/AUD/AKV/APQ	11/95-	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
1.6 i (55 kW) Eng.1F	11/95-	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	11/95-	PA579			w/BH	026 121 010F,037 121 010/A/C
1.6 i (55 kW) Eng.AEE	11/95-98	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
1.7 D (42 kW) Eng.AHB	96-	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	96-	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 D (47 kW) Eng.1Y	11/95-	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	11/95-	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 SDI (47 kW) Eng.AYQ/AEY	12/95-	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	12/95-	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 TDI (66 kW) Eng.ALH	96-	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	96-	PA579			w/BH	026 121 010F,037 121 010/A/C

Marbella (028A) Van '01/87-'12/93

0.8 (25 kW) Eng.08NCA	87-10/98	PA088				HB032000 01,SE020032000A
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Terra (024A) Van '01/87-'12/95

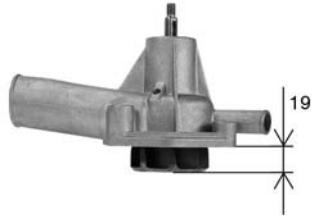
0.9, Kat (29 kW) Eng.09NCA,B	87-95	PA088				HB032000 01,SE020032000A
1.3 D (33 kW) Eng.MN	90-92	PA423		•		031 121 004A,031 121 005C
1.4 D (35 kW) Eng.1W	90-92	PA423		•		031 121 004A,031 121 005C

SKODA
105 (744) '08/76-'12/90

1.0 105 S,L,LS (32-33 kW) Eng.742,10	76-90	PA263				113 050 000
1.05 105 S,L (34 kW) Eng.742,10	76-90	PA263				113 050 000



PA263



PA316



PA603



PA609



PA619



PA655



PA663



PA674



PA691



PA761



PA805



PA806



PA855



PA875



PA879



PA966

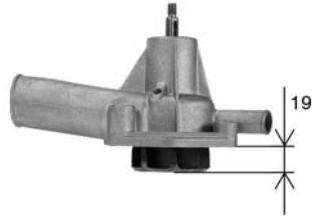
		GRAF ref.			NOTE	Ad. OE
120 (744) '08/76-'12/90						
1.2 120 GLS, LS (43 kW) Eng.742,12X	76-90	PA263				113 050 000
1.2 120 L (35 kW) Eng.742,12	87-90	PA263				113 050 000
1.2 120 L (38 kW) Eng.742,12	76-90	PA263				113 050 000
130 '02/85-'10/91						
1.3 G, GL (46 kW)	88-91	PA316				113 050 001
1.3 GL (39 kW)	87-91	PA316				113 050 001
1.3 L, GL (45 kW) Eng.742,13	85-91	PA316				113 050 001
Fabia (6Y2, 3, 5), SW '12/99-						
1.0 (Exc. SW) (37 kW) Eng.ATY/AQV/ARV	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, Praktik (47 kW) Eng.AZQ	03-	PA855				03D 121 005,03D 121 013B
1.4 (44 kW) Eng.AZF/AZE	00-	PA805				047 121 013L/M/P/R
1.4 (50 kW) Eng.AQW/ATZ/AME	00-	PA805				047 121 013L/M/P/R
1.4 16v (55 kW) Eng.BBY/AUA	99-	PA674	•			036 121 005B/E/Q/QX/S,036 121 008K
1.4 16v (74 kW) Eng.BBZ/AUB	99-	PA674	•			036 121 005B/E/Q/QX/S,036 121 008K
1.4 Praktik (50 kW) Eng.AME/AQW/ATZ	02-	PA805				047 121 013L/M/P/R
1.4 TDI (51 kW) Eng.BNM	05-	PA879	•			045 121 011F/H
1.4 TDI (55 kW) Eng.AMF	03-	PA879	•			045 121 011F/H
1.8D RS (Exc. SW) (96 kW) Eng.ASZ	03-	PA879	•			045 121 011F/H
1.9 SDI, Praktik (47 kW) Eng.ASY	99-	PA806	•	Ch -9N2100000		045 121 011C
	99-	PA875	•	Ch 9N2100001-		045 121 011G
1.9 TDI (74 kW) Eng.ATD	00-	PA761	•	Ch -9N2100000		045 121 011B
	00-	PA879	•	Ch 9N2100001-		045 121 011F/H
2.0 (85 kW) Eng.AZL/AQY	99-	PA655	•			06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
Favorit (781) '05/89-'09/94						
1.3 (50 kW) Eng.136B	1/94-9/94	PA663				047 121 011A,115 050 001
1.3 135 (42 kW) Eng.781.135	91-94	PA663				047 121 011A,115 050 001
1.3 135 (44 kW) Eng.781.135	90-94	PA663				047 121 011A,115 050 001
1.3 135 X,LX,GLX (40 kW) Eng.781.135E	90-94	PA663				047 121 011A,115 050 001
1.3 135, L (43 kW) Eng.781.135	89-94	PA663				047 121 011A,115 050 001
1.3 136 (45 kW) Eng.136L	90-94	PA663				047 121 011A,115 050 001
Favorit Forman (785) '08/91-'06/95						
1.3 (40 kW) Eng.781.135E	10/94-95	PA966				007 070 243
	92-9/94	PA663				047 121 011A,115 050 001
1.3 (44 kW) Eng.781.135	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-'06/97						
1.3 (40 kW) Eng.135B	92-97	PA663				047 121 011A,115 050 001
1.3 (42 kW) Eng.781.135	92-97	PA663				047 121 011A,115 050 001
1.3 (50 kW) Eng.136B	92-97	PA966				007 070 243
Felicia I (6U1, 6U5), SW '10/94-'03/98						
1.3 (43 kW) Eng.135L/AMJ	94-98	PA619				007 070 246,047 121 011
	94-98	PA691		w/Air		007 070 251,047 121 011B
1.3, LX (40-50 kW) Eng.135B/AMG/AMH/136B	94-98	PA619				007 070 246,047 121 011
	94-98	PA691		w/Air		007 070 251,047 121 011B
1.6 LX, GLX (55 kW) Eng.AEE	95-98	PA603	•			030 121 005N/NV/NX/T/TX,030 121 008D
1.9 D (47 kW) Eng.AEF	95-98	PA609				028 121 004V/X
Felicia I (797) Pick-Up '01/95-						
1.3 (40 kW) Eng.135M	95-01	PA619				007 070 246,047 121 011
	95-01	PA691		w/Air		007 070 251,047 121 011B



PA263



PA279



PA316



PA579



PA603



PA609



PA619



PA655



PA674



PA691



PA731



PA762



PA855



PA878



PA879



PA904



PA905



PA954



PA980



PA988

		GRAF ref.			NOTE	Ad. OE
1.3 (50 kW) Eng.136B/136M	95-01	PA619				007 070 246,047 121 011
	95-01	PA691			w/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
1.9 D (47 kW) Eng.AEF	95-01	PA609				028 121 004/V/X

Felicia II (6U1, 6U5), SW '03/98-'06/01

1.3 (50 kW) Eng.AMH	98-01	PA619				007 070 246,047 121 011
	98-01	PA691			w/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			w/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			w/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
1.9 D (47 kW) Eng.AEF	98-01	PA609				028 121 004/V/X

Octavia II (1U2, 1U5), SW '09/96-'06/04

1.4 (55 kW) Eng.AXP	9/00-04	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
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
1.6 (74 kW) Eng.AEH/AKL	97-04	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 (75 kW) Eng.AVU	00-04	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.8 20v (92 kW) Eng.AGN	96-04	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 T RS (132 kW) Eng.AUQ	01-04	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 T, 4WD (110 kW) Eng.AGU/ARZ/AUM/ARX	97-04	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 SDI (50 kW) Eng.AGP/AQM	97-04	PA731		•		038 121 011/A/AV/AX
1.9 SDI (Exc. SW) (47 kW) Eng.AEY	96-04	PA279	•			026 121 005A/C/E/G/H,037 121 005C
	96-04	PA579			w/BH	026 121 010F,037 121 010/A/C
1.9 TDI (81 kW) Eng.ASV/AHF	97-04	PA731		•		038 121 011/A/AV/AX
1.9 TDI 4WD SW (74 kW) Eng.ATD	00-04	PA762		•	Ch -1U3634881/38569351	038 121 011C/D
	00-04	PA878		•	Ch 1U3634882/38569352-	038 121 011G
1.9 TDI, 4WD (66 kW) Eng.ALH/AGR	96-04	PA731		•		038 121 011/A/AV/AX
2.0 SW (88 kW) Eng.ATF	00-04	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
2.0, 4WD (85 kW) Eng.APK/AQY/AZH/AEG/AZJ	99-04	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012

Octavia III (1Z3, 1Z5), SW '06/04-















1.4 (59 kW)	07-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.4 (Exc. SW) (55 kW) Eng.BCA	04-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.6 (75 kW) Eng.BGU	04-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 FSI (85 kW) Eng.BLF	04-	PA954				03C 121 005D
1.9 TDI (77 kW) Eng.BKC/BJB	04-	PA879		•		045 121 011F/H
1.9 TDI 4WD SW (77 kW) Eng.BJB/BKC	04-	PA879		•		045 121 011F/H
2.0 16v TFSi RS (147 kW)	04-	PA980		•		06A 121 011R,06F 121 011
2.0 FSI (110 kW) Eng.BLR-BLY	04-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 FSI 4WD SW (110 kW) Eng.BLR/BLY	04-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 TDI (103 kW) Eng.BKD	04-	PA905		•		038 121 011H,03G 121 011
2.0 TDi 16v RS (125 kW) Eng.BMN	06-	PA905		•		038 121 011H,03G 121 011

Rapid (120G, 130G, 135G) '02/83-'10/91

1.2 (43 kW)	83-90	PA263				113 050 000
1.3 (39 kW)	87-91	PA316				113 050 001
1.3 (45 kW) Eng.742,13	85-88	PA316				113 050 001
1.3 S (43 kW) Eng.135-8	84-90	PA316				113 050 001

Roomster '09/06-

1.2 (51 kW)	06-	PA855				03D 121 005,03D 121 013B
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<p>PA448</p>	<p>PA495</p>	<p>PA584</p>	<p>PA618A</p>
			
<p>PA655</p>	<p>PA674</p>	<p>PA762</p>	<p>PA819</p>
 <p data-bbox="156 1205 347 1256">girante/impeller h 28,65 mm on ø 55</p>	 <p data-bbox="512 1261 639 1285">7 Pale/ Vane</p>	 <p data-bbox="890 1256 1011 1281">8 Pale / Vane</p>	 <p data-bbox="1310 1218 1433 1243">Ø 54,5</p>
<p>PA868</p>	<p>PA878</p>	<p>PA879</p>	<p>PA939</p>
			
<p>PA978</p>	<p>PA986</p>		

		GRAF ref.			NOTE	Ad. OE
1.4 (63 kW)	06-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.4 TDI (51 kW)	06-	PA879		•		045 121 011F/H
1.4 TDI (59 kW) Eng.BMS	06-	PA879		•		045 121 011F/H
1.6 (77 kW) Eng.BTS	06-	PA939				03C 121 005B/C
1.9 TDI (77 kW)	06-	PA879		•		045 121 011F/H

Superb (3U4) '02/02-

1.8 T (110 kW) Eng.AWT	7/02-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 TDI (74 kW) Eng.AVB	7/02-	PA762		•	Ch -3U3015228	038 121 011C/D
	7/02-	PA878		•	Ch 3U3015229-	038 121 011G
1.9 TDI (77 kW)	05-	PA762		•		038 121 011C/D
1.9 TDI (96 kW) Eng.AWX	7/02-	PA762		•	Ch -3U3015228	038 121 011C/D
	7/02-	PA878		•	Ch 3U3015229-	038 121 011G
2.0 (85 kW) Eng.AZM	7/02-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
2.5 TDI (114 kW) Eng.AYM	7/02-	PA868		•		059 121 004E
2.5 TDI (120 kW) Eng.BDG	6/03-	PA868		•		059 121 004E
2.8 V6 (142 kW) Eng.AMX	7/02-	PA618A		•		078 121 004H/HV/HX/J/JV/JX 078 121 004Q/QX,078 121 006

SMART (MCC)
Cabrio '03/00-'01/04

0.6 (40 kW) Eng.M160E6ALB03	00-04	PA819				3165V003,4681V002
0.6 (45 kW) Eng.M160E6ALB05	01-04	PA819				3165V003,4681V002
0.6 (52 kW)	02-04	PA819				3165V003,4681V002
0.7 (45 kW)	03-04	PA819				3165V003,4681V002
0.7 (55 kW)	03-04	PA819				3165V003,4681V002
0.8 CDI (30 kW) Eng.OM660DE8LA	01-04	PA819				3165V003,4681V002

City-Coupe (MC01) '07/98-'01/04

0.6 (33 kW) Eng.M160E6ALB04	98-04	PA819				3165V003,4681V002
0.6 (40 kW) Eng.M160E6ALB03	98-04	PA819				3165V003,4681V002
0.6 (45 kW) Eng.M160E6ALB05	01-04	PA819				3165V003,4681V002
0.6 (52 kW)	02-04	PA819				3165V003,4681V002
0.7 (45 kW)	03-04	PA819				3165V003,4681V002
0.7 (55 kW)	03-04	PA819				3165V003,4681V002
0.8 CDI (30 kW) Eng.OM660DE8LA	99-04	PA819				3165V003,4681V002

Forfour '04/04-

1.1 (55 kW)	04-	PA986				135 200 00 01
1.3 (70 kW)	04-	PA986				135 200 00 01
1.5 (80 kW)	04-	PA986				135 200 00 01
1.5 CDI (50-70 kW)	04-	PA978				640 200 03 01

Fortwo I '01/04-

0.7 Coupé (37 kW)	04-	PA819				3165V003,4681V002
0.7 Coupé, Cabrio (45-55 kW)	04-	PA819				3165V003,4681V002
0.8 CDI Coupé, Cabrio (30 kW) Eng.OM660DE8LA	04-	PA819				3165V003,4681V002

Roadster '04/03-

0.7 (45 kW)	03-	PA819				3165V003,4681V002
0.7 Brabus, Coupé (74 kW)	03-	PA819				3165V003,4681V002
0.7, Coupé (60 kW)	03-	PA819				3165V003,4681V002

SSANGYONG
Korando II (KJ) '12/96-

2.3 D (58 kW) Eng.MB-OM601.940	96-	PA448				602 200 02 20
2.3, Cabrio (103 kW)	97-	PA495				102 200 62 01
2.3, Cabrio (105 kW)	99-	PA495				102 200 62 01
2.9 D, Cabrio (72 kW) Eng.MB-OM662	96-	PA448				602 200 02 20
3.2, Cabrio (154 kW) Eng.MB-M104.995	96-	PA584				104 200 46 01



PA333



PA448



PA495



PA519A



PA523



PA743



PA744



PA773



PA924



PA1008

		GRAF ref.			NOTE	Ad. OE
Musso (FJ) '10/95-						
2.3 (103 kW) Eng.MB-M111.970	95-	PA495				102 200 62 01
2.9 D (73 kW) Eng.MB-OM662	96-	PA448				602 200 02 20

SUBARU

Forester I (SF) '08/97-'09/02						
2.0 (90-92 kW) Eng.EJ20	97-98	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11
2.0 S T. (125-130 kW) Eng.EJ20	98-02	PA1008		•		21111-AA060/1/5,21111-AA270

Forester II (SG) '09/02-						
2.0 (92 kW) Eng.EJ20	02-03	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11
2.0 S T. (130 kW) Eng.EJ20	02-03	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11

Impreza I (GC), SW '08/92-'12/00						
1.6 i, 4WD (70 kW)	98-00	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11
1.6 i, 4WD, Coupé (66 kW) Eng.EJ16	92-00	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11
1.8 i 4WD (76 kW) Eng.EJ18	92-00	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11
2.0 16v, 4WD (92 kW)	98-00	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11
2.0 4WD, Coupé (85 kW) Eng.EJ20	95-00	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11
2.0 T. GT 4WD, Coupé (155 kW) Eng.EJ20(Turbo)	94-00	PA924		•		21111-AA020/1/2/6

Impreza II (GD, GG), SW '12/00-						
1.6 (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 WRX T. (160 kW)	00-	PA924		•		21111-AA020/1/2/6

Justy II (JMA, MS) '10/95-						
1.3 4WD (63 kW) Eng.G13BB	3/96-	PA773				17400-82823
1.3 GX 4WD (50 kW) Eng.EF13	95-	PA773				17400-82823

Legacy I (BC, BJF), SW '01/89-'07/94						
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 kW) Eng.EJ20EMPI	91-94	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11
2.0 T. 4WD (147 kW) Eng.EJ20-GN	92-94	PA924		•		21111-AA020/1/2/6
2.2 4WD (100 kW) Eng.EJ22EMPI	89-94	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11

Legacy II (BD, BG), SW '09/94-'03/99						
1.8 (76 kW) Eng.EJ18E	94-99	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11
1.8 4WD (76 kW) Eng.EJ18E	94-99	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11
2.0 i, 4WD (85 kW) Eng.EJ20	94-99	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11
2.2 i 4WD (94-96 kW) Eng.EJ22EMPI	94-99	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11
2.5 i 4WD (110 kW) Eng.EJ25D	96-99	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11

Legacy III (BE, BH), SW '10/98-'09/03						
2.0 (92 kW) Eng.EJ20	99-	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11
2.5 (115 kW)	98-	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11

Legacy IV, SW '09/03-						
2.0 (101 kW)	03-	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11

Leone I (AB), SW '03/79-'10/84						
1.3 (45 kW) Eng.EA65	79-84	PA743				21110-AA050,41076-7000,41076-7200
1.6 (63 kW) Eng.EA71	79-84	PA743				21110-AA050,41076-7000,41076-7200
1.6 4WD (Only SW) (52 kW) Eng.EA71	79-84	PA743				21110-AA050,41076-7000,41076-7200
1.8, Super 4WD (59 kW) Eng.EA81	80-84	PA744				21110-AA060,41076-7100,41076-7300

Leone II, SW '11/84-'02/92						
1.3 (Exc. SW) (48 kW) Eng.EA65	84-91	PA523				21110-AA002/3
1.6 (Exc. SW) (55 kW) Eng.EA71	84-91	PA523				21110-AA002/3
1.8 4WD (66 kW) Eng.EA82	84-90	PA333				21110-AA012/3/4/5/6
1.8 4WD (72 kW) Eng.EA82	86-91	PA333				21110-AA012/3/4/5/6

PA333	PA519A	PA726	PA738
PA773	PA774	PA786	PA821
n° 21 Denti/Teeth			ø 71,5
PA859	PA887	PA907	PA911
PA926	PA946	PA975	PA1017

		GRAF ref.			NOTE	Ad. OE
1.8 4WD (88 kW) Eng.EA82	88-90	PA333				21110-AA012/3/4/5/6
1.8 4WD Kat (70 kW)	86-92	PA333				21110-AA012/3/4/5/6
1.8 Super 4WD (96 kW) Eng.EA82	89-90	PA333				21110-AA012/3/4/5/6
1.8 Super, T. 4WD (100 kW) Eng.EA82	84-90	PA333				21110-AA012/3/4/5/6

Outback I (BE, BH) '10/00-

2.5 (115 kW)	00-	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11
3.0 H6 (154 kW)	00-	PA519A		•		21111-AA000/1/2/3/4/5/6/7/11

Alto I (SS80) '06/82-'12/85

0.5 Eng.F5A	81-88	PA774				17400-78820/1
0.8 (SS80F, SS80G) (29 kW) Eng.F8B	82-85	PA774				17400-78820/1

Alto II (EC) '01/86-'11/93

0.8 (SB308/CA) (29 kW) Eng.F8B	86-93	PA774				17400-78820/1
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Alto III (EF) '09/94-'06/02

0.6, 4WD (47 kW) Eng.F6A	94-	PA738		•		17400-50812,17400-60D01,17400-61810 17400-70B00
1.0 (39 kW) Eng.G10B	94-02	PA773				17400-82823/4,17400-82850/1

Alto IV (FF) '06/02-

1.1 (46 kW)	9/02-	PA773				17400-82823/4,17400-82850/1
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Baleno (EG), SW '07/95-

1.3 (52 kW) Eng.G13BA	96-	PA773				17400-82823/4,17400-82850/1
1.3 i 16v (63 kW) Eng.G13B	95-	PA773				17400-82823/4,17400-82850/1
1.6 i 16v (72 kW) Eng.G16B	95-	PA726				17400-60810/1/3/4/5,17400-60A02/4
1.6 i 16v 4WD (72 kW) Eng.G16B	95-	PA726				17400-60810/1/3/4/5,17400-60A02/4
1.8 GT (Exc. SW) (89 kW) Eng.J18A	96-	PA726				17400-60810/1/3/4/5,17400-60A02/4
1.9 TD (55 kW)	98-	PA911		•		17410-66G00

Cappucino '02/92-'08/95

0.6 (47 kW) Eng.F6A	92-95	PA738		•		17400-50812,17400-60D01,17400-61810 17400-70B00
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Grand Vitara (FT, GT) '03/98-

1.6 (69 kW) Eng.G16B	98-	PA926				17400-61820
1.9 DDiS (95 kW)	05-	PA907		•		17410-67JG0
2.0 (94 kW) Eng.J20A	98-	PA1017	•			17400-77810
2.0 HDI 110 (80 kW) Eng.RHW	01-	PA786	•	•		17400-78E00
2.0 TD Intercooler (64 kW) Eng.RF	98-	PA786	•	•		17400-78E00

Ignis I (FH) '10/00-'09/03

1.3, 4WD (61 kW) Eng.M13A	00-03	PA946				17400-69G00/1
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Ignis II '09/03-

1.3 (69 kW) Eng.M13A	03-	PA946				17400-69G00/1
1.3 DDiS (51 kW) Eng.Z13DT	03-	PA887				17410-85E00
1.5 Sport (80 kW) Eng.M15A	03-	PA946				17400-69G00/1
1.5, 4WD (73 kW) Eng.M15A	03-	PA946				17400-69G00/1

Jimny (FJ) '09/98-

1.3 16v, 4WD (59 kW) Eng.G13BB	3/98-	PA975				17400-83815
1.3 16v, 4WD (60 kW) Eng.M13A	01-	PA946				17400-69G00/1
1.5 DDiS 4WD (48 kW)	03-	PA821		•		17410-84A00/20

Liana (ER), SW '07/01-

1.3 (66 kW) Eng.M13A	02-	PA946				17400-69G00/1
1.4 DDiS (66 kW) Eng.8HY	05-	PA859		•		17400-73J00
1.6, 4WD (76 kW)	02-	PA946				17400-69G00/1
1.6, 4WD (78 kW) Eng.M16A	02-	PA946				17400-69G00/1



PA725



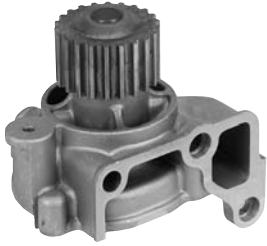
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PA773



PA774



PA786



PA887



PA946



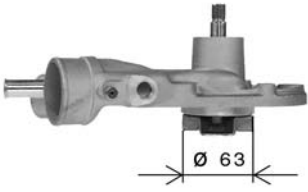
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PA1014

		GRAF ref.			NOTE	Ad. OE
Mighty Boy '01/80-						
500 Eng.F5	2/83-	PA774				17400-78820/1
SJ 410 '09/81-'12/90						
1.0, Cabrio (33 kW) Eng.F10A	81-90	PA774				17400-78820/1
SJ 413 '09/84-'08/90						
1.3 (44-47 kW) Eng.G13A	84-90	PA725				17400-82811/2,17400-83810/1/2/4
SX4 '06/06-						
1.5 (73 kW)	06-	PA946				17400-69G00/1
1.6 VVT, 4WD (79 kW)	06-	PA946				17400-69G00/1
Samurai (SJ) '11/88-						
1.0 (SJ 410) (33 kW) Eng.F10A	88-	PA774				17400-78820/1
1.3 (SJ 413) (51 kW) Eng.G13BA	88-	PA725				17400-82811/2,17400-83810/1/2/4
1.3 (SJ 413) (44-47 kW) Eng.G13A	88-	PA725				17400-82811/2,17400-83810/1/2/4
Swift I (AA) '10/83-'12/89						
1.0 (SA310, AA41/43) (37 kW) Eng.G10A	83-89	PA975				17400-83815
1.0 T. (SA310) (52 kW)	85-89	PA773				17400-82823/4,17400-82850/1
1.3 (SA413, AA51/53) (47-50-54 kW) Eng.G13A	84-89	PA773				17400-82823/4,17400-82850/1
1.3 GTi/GXi (SA413, AA33) (74 kW) Eng.G13B	86-89	PA773				17400-82823/4,17400-82850/1
Swift II (AH, AJ, EA, MA) '03/89-'05/01						
1.0 (SF310, AA44) (37-39-40 kW) Eng.G10A	89-	PA773				17400-82823/4,17400-82850/1
1.3 (SF413, AH35, MA), Cabrio (50 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	17400-82823/4,17400-82850/1
	89-	PA774			Mod. SA413	17400-78820/1
1.3, 4WD (SF413, AH35) (52 kW) Eng.G13A	89-	PA726				17400-60810/1/3/4/5,17400-60A02/4
1.6 (59-60 kW) Eng.G16A	89-	PA726				17400-60810/1/3/4/5,17400-60A02/4
1.6 i, 4WD (SF416, AJ14) (68 kW) Eng.G16B	90-	PA726				17400-60810/1/3/4/5,17400-60A02/4
1.6, 4WD (SF416, AJ14) (70 kW) Eng.G16B	89-91	PA726				17400-60810/1/3/4/5,17400-60A02/4
Swift III (SG) '09/05-						
1.3 (68 kW)	05-	PA946				17400-69G00/1
1.3DDis 16v (51 kW) Eng.Z13DT	05-	PA887				17410-85E00
1.5 (75 kW)	05-	PA946				17400-69G00/1
Vitara (ET, TA) '07/88-'03/99						
1.6 (TA), Cabrio (59 kW) Eng.G16A	88-95	PA726				17400-60810/1/3/4/5,17400-60A02/4
1.6 16v (ET), Cabrio (71 kW) Eng.G16B	90-99	PA726				17400-60810/1/3/4/5,17400-60A02/4
1.9 D (ET), Cabrio (50 kW) Eng.XUD9A	95-98	PA726				17400-60810/1/3/4/5,17400-60A02/4
2.0 TD (ET) (52 kW) Eng.RF	94-98	PA786	•	•		17400-78E00
2.0 TD Intercooler (ET) (64 kW) Eng.RF	95-98	PA786	•	•		17400-78E00
2.0 V6 24v (ET) (100 kW) Eng.H20A	94-98	PA726				17400-60810/1/3/4/5,17400-60A02/4
Wagon R+ I (EM) '02/93-'05/00						
1.0 (48 kW)	98-00	PA1014	•			17400-73831
1.2, 4WD (51 kW)	98-00	PA1014	•			17400-73831
Wagon R+ II (MM) '05/00-						
1.3 (69 kW) Eng.M13A	03-	PA946				17400-69G00/1
1.3 DDiS (51 kW) Eng.Z13DT	03-	PA887				17410-85E00
1.3, 4WD (56 kW) Eng.G13BB	00-	PA773				17400-82823/4,17400-82850/1
X-90 (EL) '09/95-						
1.6 i 16v, 4WD (71 kW) Eng.G16B	9/95-	PA726				17400-60810/1/3/4/5,17400-60A02/4

Carry I (ST90V) Van '11/80-'10/85						
0.8 (27 kW) Eng.F8A	80-85	PA774				17400-78820/1



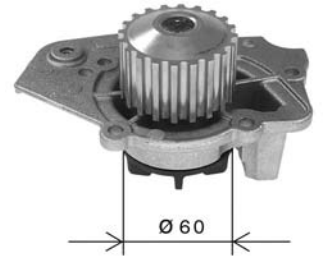
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PA147



PA197



PA256



PA713



PA774

		GRAF ref.		NOTE	Ad. OE
Carry II (ED) Bus '09/94-'03/99					
1.0 Super (30-31-33 kW) Eng.F10A	94-99	PA774			17400-78820/1

TALBOT

1307-1510 '07/75-'04/84					
1.3 Simca 1307 (40 kW) Eng.6G1D	78-81	PA197			1201.45,32461Q,44854W,49152500
1.3 Simca 1307 (44 kW)	75-80	PA197			1201.45,32461Q,44854W,49152500
1.3 Simca 1307 (50 kW)	75-80	PA197			1201.45,32461Q,44854W,49152500
1.3 Simca 1307 S (60 kW)	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.6Y2D/6Y2	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 kW) Eng.6J1	80-83	PA197			1201.45,32461Q,44854W,49152500
1.6 Simca 1510 (65 kW) Eng.6J2	78-80	PA197			1201.45,32461Q,44854W,49152500
1.6 Simca 1510 (66 kW) Eng.6J2A	81-82	PA197			1201.45,32461Q,44854W,49152500

Alpine '01/75-

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 '02/78-'06/86

1.1 (40-43 kW) Eng.E1B	79-84	PA197			1201.45,32461Q,44854W,49152500
1.3 (47-50 kW) Eng.2G1	78-80	PA197			1201.45,32461Q,44854W,49152500
1.3 (40-43 kW) Eng.2G1-BTC	78-86	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.Y2/2Y2	79-86	PA197			1201.45,32461Q,44854W,49152500
1.6 (66 kW) Eng.6J2A/J2A	82-86	PA197			1201.45,32461Q,44854W,49152500
1.9 D (47-48 kW) Eng.XUD9	82-86	PA256	•		1201.39,1201.63

Matra Bagheera (X) '01/74-'09/80

1.3 (62 kW) Eng.3G4	74-78	PA197			1201.45,32461Q,44854W,49152500
1.4 (62-66 kW)	75-80	PA197			1201.45,32461Q,44854W,49152500

Murena '09/80-'01/85

1.6 (66 kW) Eng.X5J2A	81-85	PA197			1201.45,32461Q,44854W,49152500
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Rancho '01/77-'07/84

1.4 (59 kW) Eng.X3Y2	77-84	PA197			1201.45,32461Q,44854W,49152500
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Samba (51A) '01/81-'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	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

Solara '02/80-'07/86

1.3 (40 kW) Eng.6G1D-VP	80-86	PA197			1201.45,32461Q,44854W,49152500
1.4	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
1.6 (51-66 kW) Eng.J1B	82-84	PA197			1201.45,32461Q,44854W,49152500

Tagora '06/80-'12/87

2.3 TD (59 kW) Eng.XD2S	81-87	PA129			1202.96
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TOYOTA
Avensis I (T22), SW '09/97-'03/03

1.6 (AT220) (74 kW) Eng.4A-FE	97-00	PA713	•		16100-09050,16100-09051,16110-09021
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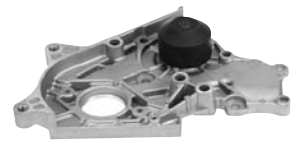
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PA352



PA479



PA714

23 denti puleggia
23 pulley teeth



PA715



PA717



PA719



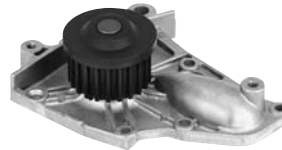
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PA791



PA794



n° 21 Denti/Teeth

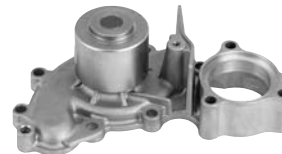
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PA912



PA919



PA936



PA944



PA953



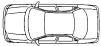



PA963



PA1001



PA1020

		GRAF ref.			NOTE	Ad. OE
1.6 VVT-i (81 kW) Eng.3ZZ-FE	00-01	PA919				16100-09080,16100-09130,16100-29095
1.8 (AT221) (81 kW) Eng.7A-FE	8/99-00	PA717			w/BH	16100-19305
	97-00	PA944	•			16110-19175/6,16110-19185
	97-7/99	PA719	•			16100-09060/1
1.8 VVT-i (95 kW) Eng.1ZZ-FE	00-01	PA919				16100-09080,16100-09130,16100-29095
2.0 (ST220) (94 kW) Eng.3S-FE	97-00	PA715	•	•		16100-79185,16110-79026
2.0 D-4D (CDT220) (81 kW) Eng.1CD-FTV	99-03	PA963		•		16100-29135
2.0 TD (CT220) (66 kW) Eng.2C-TE	97-03	PA714		•		16100-69295/6,16100-69435
2.0 VVT-i (110 kW) Eng.1AZ-FSE	00-03	PA912				16100-28040
Avensis II (T25), SW '04/03-						
1.8 (95 kW) Eng.1ZZ-FE	03-	PA953				16100-29175,16100-29415
2.0 (108 kW) Eng.1AZ-FSE	03-	PA912				16100-28040
2.0 D-4D (85 kW) Eng.1CD-FTV	03-	PA963		•		16100-29135
2.2 D-4D (110 kW) Eng.2AD-FTV	05-	PA1001		•		16100-09340
2.2 D-CAT (130 kW) Eng.2AD-FHV	05-	PA1001		•		16100-09340
Avensis Verso '08/01-						
2.0 D4-D (85 kW) Eng.1CD-FTV	01-	PA963		•		16100-29135
Aygo '10/05-						
1.0 VVT-i (50 kW) Eng.1KR-FE	05-	PA1020				16100-09240,16100-09450,16100-80003
1.4 HDi (40 kW) Eng.DV4	05-	PA859		•		SU001-00596
Camry (V1)/ Vista/ Scepter '02/83-'08/96						
1.8 (66 kW) Eng.1S-L	83-86	PA479		•		16110-63010,16110-69035/6
2.0 GLI (79 kW) Eng.2S-EL	83-86	PA479		•		16110-63010,16110-69035/6
2.2 (SXV10), SW (100 kW) Eng.5S-FE	91-96	PA715	•	•		16100-79185,16110-79026
3.0 (VCV10), SW (138 kW) Eng.3VZ-FE	91-96	PA936		•		16100-69205/6,16100-69298,16100-69305 16100-69335
Camry (V2), SW '10/86-'05/91						
1.8 i (SV20) (66 kW) Eng.1S-L	86-8/88	PA479		•		16110-63010,16110-69035/6
2.0 (SV21, SV25_) (89 kW) Eng.3S-FE	86-91	PA715	•	•		16100-79185,16110-79026
2.0 Gli 16v (SV21, SV25_) (94 kW) Eng.3S-FE	86-91	PA715	•	•		16100-79185,16110-79026
2.5 V6 GXI (VZV21) (118 kW) Eng.2VZ-FE	88-91	PA936		•		16100-69205/6,16100-69298,16100-69305 16100-69335
Camry (V30) '11/01-						
2.4 VVT-i (112 kW) Eng.2AZ-FE	01-	PA912				16100-28040
Carina I (TA1) '05/73-'03/78						
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)	73-78	PA210				16100-25010/1/2
Carina I (TA4, TA6), SW '08/77-'02/87						
1.6 ST (TA4C, TA60) (Exc. SW) (63-66 kW) Eng.4A-L/2TB	77-85	PA352				16110-28010
1.6, LT Coupé (55 kW) Eng.2T	78-83	PA352				16110-28010
1.8 (57 kW) Eng.3T-C	78-83	PA352				16110-28010
1.8 (63 kW) Eng.3T	82-87	PA352				16110-28010
Carina II (T15) '10/83-'11/87						
1.5 (AT150) Eng.3A-L	5/84-4/88	PA772	•			16110-19045/6/7
	5/84-4/88	PA791			w/BH	16100-19105/6
1.6 (AT151) (55-62-63 kW) Eng.4A-LC	83-87	PA772	•			16110-19045/6/7
	83-87	PA791			w/BH	16100-19105/6
1.8 GLI (ST150) (74 kW) Eng.1S-L	83-87	PA479		•		16110-63010,16110-69035/6
2.0 (ST162) Eng.3S-GEL	85-87	PA794	•	•		16100-79095
2.0 D (CT150) (50-51 kW) Eng.2C-L	85-87	PA714		•		16100-69295/6,16100-69435
Carina II (T17), SW '12/87-'06/93						
1.5 (AT170) Eng.5A-F	5/88-92	PA768	•			16100-19205,16110-15070,16110-19076 16110-19085/6



PA210



PA352



PA479



PA486



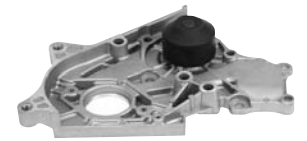
PA535



PA712



PA713

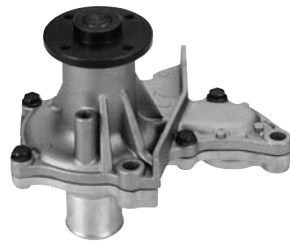


PA714

23 denti puleggia
23 pulley teeth



PA715



PA717



PA718



PA719



PA766



PA766A



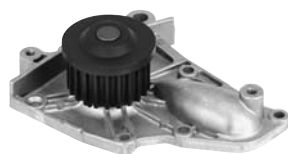
PA768



PA772



PA793



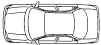



PA794



PA944



PA945

		GRAF ref.			NOTE	Ad. OE
1.6 (AT171) (66 kW) Eng.4A-F	87-89	PA768	•			16100-19205,16110-15070,16110-19076 16110-19085/6
1.6 (AT171) (72-75 kW) Eng.4A-FE	87-92	PA768	•			16100-19205,16110-15070,16110-19076 16110-19085/6
2.0 (ST182/3) Eng.3S-GE	89-93	PA794	•	•		16100-79095
2.0 D (54 kW) Eng.2C-L	88-93	PA714		•		16100-69295/6,16100-69435
2.0 GLI (ST171) (89 kW) Eng.3S-FE	87-92	PA715	•	•		16100-79185,16110-79026

Carina III E (T19), SW '04/92-'09/97

1.5 (T196) Eng.5E-FE	92-94	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	92-94	PA766				16110-19055/65/95/105
	92-94	PA766A				16110-19106
1.6 (AT190) (73 kW) Eng.4A-FE	12/94-97	PA713	•			16100-09050,16100-09051,16110-09021
	93-12/94	PA712	•			16110-19205
	93-12/94	PA945		•	w/BH	16100-19295/6
1.6 (Exc. SW) (78 kW) Eng.4A-FE	95-97	PA713	•			16100-09050,16100-09051,16110-09021
1.6 16v (AT190) (Exc. SW) (85 kW) Eng.4A-FE	12/94-97	PA713	•			16100-09050,16100-09051,16110-09021
	9312/94	PA712	•			16110-19205
	9312/94	PA945		•	w/BH	16100-19295/6
1.6 GLI (AT190) (79 kW) Eng.4A-FE	12/94-97	PA713	•			16100-09050,16100-09051,16110-09021
	93-12/94	PA712	•			16110-19205
	93-12/94	PA945		•	w/BH	16100-19295/6
1.8 (T190) Eng.4S-FE	92-94	PA715	•	•		16100-79185,16110-79026
1.8 16v (AT191) (79 kW) Eng.7A-FE	2/96-97	PA717			w/BH	16100-19305
	2/96-97	PA944	•			16110-19175/6,16110-19185
	95-1/96	PA719	•			16100-09060/1
2.0 D (CT190) (54 kW) Eng.2C	92-96	PA714		•		16100-69295/6,16100-69435
2.0 GLI (ST191) (98 kW) Eng.3S-FE	92-97	PA715	•	•	Mod. ST202/3	16100-79185,16110-79026
	92-97	PA794	•	•	Mod. ST195	16100-79095
2.0 GTi (ST191) (Exc. SW) (116 kW) Eng.3S-GE	92-94	PA715	•	•		16100-79185,16110-79026
2.0 GTi 16v (ST191) (Exc. SW) (129 kW) Eng.3S-GE	94-97	PA715	•	•		16100-79185,16110-79026
2.0 TD (CT190) (61 kW) Eng.2C-T	96-97	PA714		•		16100-69295/6,16100-69435
2.0 i (ST191) (93 kW)	93-97	PA715	•	•	Mod. ST202/3	16100-79185,16110-79026
	93-97	PA794	•	•	Mod. ST195	16100-79095

Celica I (TA2) '05/73-'03/78

1.6 LT (TA2) (55 kW) Eng.2T	76-78	PA210				16100-25010/1/2
1.6 ST (TA2, TA22) (63 kW) Eng.2TB	73-78	PA210				16100-25010/1/2

Celica II (TA60, RA40, RA6) '08/77-'10/86

1.6 GT Coupé (91 kW) Eng.4A-GE	83-86	PA793	•			16100-19115,16110-19165
1.6 ST (TA60) (66-80 kW) Eng.2TB	77-85	PA352				16110-28010
2.0 (SA63) Eng.2S-C	83-84	PA479		•		16110-63010,16110-69035/6
2.0 Coupé, XT (77 kW) Eng.21R-U,C	8/84-86	PA486				16100-39345/6
	82-8/84	PA535				16100-39315,16100-39316,16100-39317
2.2 Eng.20RU	80-84	PA486				16100-39345/6
2.4i Eng.22R	8/84-85	PA486				16100-39345/6
	80-8/84	PA535				16100-39315,16100-39316,16100-39317

Celica III (T16) '08/85-'08/90

1.6 (63 kW) Eng.4A-L	86-90	PA772	•			16110-19045/6/7



PA209



PA210



PA211



PA212



PA213



PA352

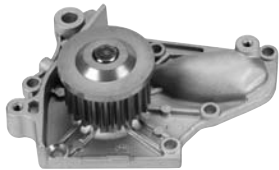


PA479

23 denti puleggia
23 pulley teeth



PA715



PA716



PA717



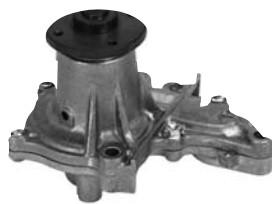
PA720



PA768



PA772



PA791



PA793



PA794



PA919



PA944



PA952



PA953

		GRAF ref.			NOTE	Ad. OE
1.6 (63 kW) Eng.4A-L	86-90	PA791			w/BH	16100-19105/6
1.6 GT (85 kW) Eng.4A-GELC	87-89	PA793	•			16100-19115,16110-19165
1.6 GT 16v (91 kW) Eng.4A-GEL	85-89	PA772	•			16110-19045/6/7
	85-89	PA791			w/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.4S-F	88-89	PA715	•	•		16100-79185,16110-79026
2.0 (ST162) Eng.3S-F	87-89	PA715	•	•		16100-79185,16110-79026
2.0 GT, Cabrio (ST162) (103 kW) Eng.3S-GELC	85-90	PA794	•	•		16100-79095
2.0 T. 4WD Coupé (136 kW) Eng.3S-GTE	88-90	PA794	•	•		16100-79095
2.0, GT, Cabrio (ST162) (110 kW) Eng.3S-GEL	85-90	PA794	•	•		16100-79095

Celica IV (T18) '10/89-'01/94

1.6 STI (AT180) Coupé (77 kW) Eng.4A-FE	89-94	PA768	•			16100-19205,16110-15070,16110-19076 16110-19085/6
2.0 GTi (ST182) Coupé, Cabrio (115 kW) Eng.3S-GE	89-94	PA715	•	•		16100-79185,16110-79026
2.0 T. 4WD (ST185) Coupé (150-153 kW) Eng.3S-GTE	89-94	PA794	•	•		16100-79095
2.2 (ST184) Eng.5S-FE	89-	PA715	•	•		16100-79185,16110-79026

Celica V (T20) '11/93-'11/99

1.8 i 16v (AT200/ST) (85 kW) Eng.7A-FE	5/96-99	PA717			w/BH	16100-19305
	5/96-99	PA944	•			16110-19175/6,16110-19185
2.0 i 16v (ST202/GT) (129 kW) Eng.3S-GE	93-99	PA720	•	•		16100-79225
2.0 i 16v, Cabrio (125 kW) Eng.3S-GE	96-99	PA720	•	•		16100-79225
2.0 i T. 4WD (ST205) (178 kW) Eng.3S-GTE	94-99	PA716	•	•		16100-79235

Celica VI (ZZT23) '11/99-

1.8 16v TS (ZZT231) (141 kW) Eng.2ZZ-GE	99-	PA952				16100-29145
1.8 16v VT-i (ZZT230) (105 kW) Eng.1ZZ-FE	02-	PA953				16100-29175,16100-29415
	99-02	PA919				16100-09080,16100-09130,16100-29095

Corolla I (KE, TE) '11/66-'12/80

1.0 Eng.2K	11/66-4/74	PA212				16100-22010,16100-29016
1.2 Eng.3K	11/66-7/70	PA212				16100-22010,16100-29016
	7/70-4/74	PA209				16100-29025,16100-29026
1.2, Coupé, SW (40-43 kW) Eng.3K-C,H,B	74-80	PA211			Mod. KE30/50	16100-29045/6/7
	74-80	PA213			Mod. KE2	16100-29027/8/9
1.6 LiftB. (54 kW) Eng.2T	76-80	PA210				16100-25010/1/2
1.6 LiftB. (62 kW) Eng.2TB	76-80	PA352				16110-28010



PA351



PA352



PA714



PA718



PA766



PA766A



PA768



PA772



PA791



PA793

		GRAF ref.			NOTE	Ad. OE
Corolla II (E7) '09/79-'09/83						
1.3 (KE70), SW, LiftB. (44 kW) Eng.4K-C	79-82	PA351				16100-19015
1.3 (KE70), SW, LiftB. (48 kW) Eng.4K	82-83	PA351				16100-19015
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 (TE72) LiftB. (57 kW) Eng.3T-C	79-82	PA352				16110-28010
1.8 D (CE70), SW (43 kW) Eng.1C	1/83-9/83	PA714		•		16100-69295/6,16100-69435
Corolla III (E8) '05/83-'05/88						
1.3 (AE80), LiftB. (51 kW) Eng.2A-L	83-88	PA772	•			16110-19045/6/7
	83-88	PA791			w/BH	16100-19105/6
1.3 (AE80/EE80), LiftB., Compact FX (55 kW) Eng.2E-L/2E-LC	84-87	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	84-87	PA766				16110-19055/65/95/105
	84-87	PA766A				16110-19106
1.5 (AE81) Eng.3A-LU	83-87	PA772	•			16110-19045/6/7
1.6 (AE82), LiftB. (62 kW) Eng.4A-L	83-87	PA772	•			16110-19045/6/7
	83-87	PA791			w/BH	16100-19105/6
1.6 (AE82), LiftB., Compact FX (53 kW) Eng.4A-LC	85-88	PA772	•			16110-19045/6/7
	85-88	PA791			w/BH	16100-19105/6
1.6 16v Coupé (85 kW) Eng.4A-GEC	85-87	PA793	•			16100-19115,16110-19165
1.6 GT 16v Compact FX (89 kW) Eng.4A-GEL	85-87	PA793	•			16100-19115,16110-19165
1.6 GT 16v Coupé (91 kW) Eng.4A-GE	83-87	PA793	•			16100-19115,16110-19165
1.6 LiftB. (63 kW)	85-88	PA793	•			16100-19115,16110-19165
1.8 D, LiftB., Compact FX (43 kW) Eng.1C	83-88	PA714		•		16100-69295/6,16100-69435
1.8 D, LiftB., Compact FX (47 kW) Eng.1C-L	83-88	PA714		•		16100-69295/6,16100-69435
Corolla IV (E9), SW, Compact, Liftback '08/87-'06/93						
1.3 i (EE90) (55 kW) Eng.2E-E/2E	87-92	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	87-92	PA766				16110-19055/65/95/105
	87-92	PA766A				16110-19106
1.5 (AE91) Eng.5A-F/FE	87-92	PA768	•			16100-19205,16110-15070,16110-19076 16110-19085/6
1.5 (AE98) Eng.3E	87-93	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	87-93	PA766				16110-19055/65/95/105
	87-93	PA766A				16110-19106
1.6 (AE92) (66 kW) Eng.4A-F	87-92	PA768	•			16100-19205,16110-15070,16110-19076 16110-19085/6
1.6 (AE92) (Exc. Compact) (70 kW)	87-92	PA768	•			16100-19205,16110-15070,16110-19076 16110-19085/6
1.6 GTi (AE92) (Exc. SW) (85-92 kW) Eng.4A-GE	87-93	PA793	•			16100-19115,16110-19165
1.6 i, 4WD (77 kW) Eng.4A-FE	87-93	PA768	•			16100-19205,16110-15070,16110-19076 16110-19085/6
1.8 D (CE90) (47 kW) Eng.1C	87-93	PA714		•		16100-69295/6,16100-69435
1.8 D (CE90) (49 kW) Eng.1C	89-93	PA714		•		16100-69295/6,16100-69435
Corolla V (E10), SW, Compact, Liftback '07/92-'04/97						
1.3 12v (EE100) (53 kW) Eng.2E	92-97	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	92-97	PA766				16110-19055/65/95/105
	92-97	PA766A				16110-19106
1.3 XLI (EE101) (55 kW) Eng.4E-FE	95-97	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	95-97	PA766				16110-19055/65/95/105
	95-97	PA766A				16110-19106
1.3 XLI 16v (EE101) (65 kW) Eng.4E-FE	92-97	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	92-97	PA766				16110-19055/65/95/105
	92-97	PA766A				16110-19106
1.5 (AE103,104) Eng.5E-FE	92-94	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	92-94	PA766				16110-19055/65/95/105
	92-94	PA766A				16110-19106

PA352	PA712	PA714	PA717
PA718	PA766	PA766A	PA768
PA772	PA791	PA890	PA919
PA944	PA945	PA952	PA953
PA961	PA963	PA1001	PA1005

		GRAF ref.			NOTE	Ad. OE
1.5 (AE107,108) Eng.3E	92-94	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	92-94	PA766				16110-19055/65/95/105
	92-94	PA766A				16110-19106
1.6 Si, GLi (AE101) (84 kW) Eng.4A-FE	92-97	PA712	•			16110-19205
	92-97	PA945		•	w/BH	16100-19295/6
1.8 16v 4WD, GT (AE102, 103) (86 kW) Eng.7A-FE	92-97	PA717			w/BH	16100-19305
	92-97	PA944	•			16110-19175/6,16110-19185
2.0 D (CE100) (53 kW) Eng.2C	92-97	PA714		•		16100-69295/6,16100-69435

Corolla VI (E11), SW, Compact, Liftback '04/97-'01/02

1.4 (EE111) (63 kW) Eng.4E-FE	97-00	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	97-00	PA766				16110-19055/65/95/105
	97-00	PA766A				16110-19106
1.4 16v (ZZE111) (71 kW) Eng.4ZZ-FE	00-02	PA919				16100-09080,16100-09130,16100-29095
1.6 (AE111) (81 kW) Eng.4A-FE	97-00	PA712	•		Exc. SW	16110-19205
	97-00	PA945		•	Exc. SW, w/BH	16100-19295/6
	97-00	PA1005			SW	16110-19185
1.6 16v (ZZE112) (81 kW) Eng.3ZZ-FE	00-02	PA919				16100-09080,16100-09130,16100-29095
1.6 Aut. (AE111) (79 kW) Eng.4A-FE	97-00	PA945		•	w/BH	16100-19295/6
1.8 AWD (AE115) (Only SW) (81 kW) Eng.7A-FE	97-02	PA717			w/BH	16100-19305
	97-02	PA944	•			16110-19175/6,16110-19185
2.0 D (CE110) (53 kW) Eng.2C-E	97-00	PA714		•		16100-69295/6,16100-69435
2.0 D-4D (66 kW) Eng.1CD-FTV	00-02	PA963		•		16100-29135

Corolla VII (E12J) Verso '01/02-'05/04

1.6 VVT-i (81 kW) Eng.3ZZ-FE	02-04	PA953				16100-29175,16100-29415
1.8 VVT-i (99 kW) Eng.1ZZ-FE	02-04	PA953				16100-29175,16100-29415
2.0 D-4D (66 kW) Eng.1CD-FTV	02-04	PA963		•		16100-29135

Corolla VII (E12U), SW '01/02-

1.4 D (66 kW) Eng.1ND-TV	04-	PA890				16100-39395
1.4 VVT-i (71 kW) Eng.4ZZ-FE	02-04	PA919				16100-09080,16100-09130,16100-29095
	04-	PA953				16100-29175,16100-29415
1.6 VVT-i (81 kW) Eng.3ZZ-FE	02-04	PA919				16100-09080,16100-09130,16100-29095
	04-	PA953				16100-29175,16100-29415
1.8 VVTL-i TS (165 kW) Eng.2ZZ-GE	05-	PA952				16100-29145
1.8 VVTL-i TS (Exc. SW) (141 kW) Eng.2ZZ-GE	02-	PA952				16100-29145
2.0 D-4D (66 kW) Eng.1CD-FTV	02-	PA963		•		16100-29135
2.0 D-4D (85 kW) Eng.1CD-FTV	03-	PA963		•		16100-29135
2.0 D-4D (Exc. SW) (81 kW) Eng.1CD-FTV	02-	PA963		•		16100-29135

Corolla VIII Verso '04/04-

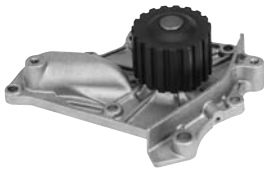













1.6 (81 kW) Eng.3ZZ-FE	04-	PA953				16100-29175,16100-29415
1.8 (95 kW) Eng.1ZZ-FE	04-	PA953				16100-29175,16100-29415
2.0 D-4D (85 kW) Eng.1CD-FTV	04-	PA961		•		16100-29185
2.2 D (130 kW)	05-	PA1001		•		16100-09340
2.2 D-4D (100 kW) Eng.2AD-FTV	05-	PA1001		•		16100-09340

Corona I (RX, RT) '12/75-'01/81

1.8 (TT1), LiftB. (63 kW) Eng.3T	79-81	PA352				16110-28010
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Corona II '01/82-'12/92

1.5 (AT150) Eng.3A-LU	83-87	PA772	•			16110-19045/6/7
	83-87	PA791			w/BH	16100-19105/6
1.5 (AT170) Eng.5A-FE	87-92	PA768	•			16100-19205,16110-15070,16110-19076 16110-19085/6

			<p>23 denti puleggia 23 pulley teeth</p> 
<p>PA479</p>	<p>PA486</p>	<p>PA535</p>	<p>PA715</p>
			
<p>PA718</p>	<p>PA766</p>	<p>PA766A</p>	<p>PA767</p>
			
<p>PA768</p>	<p>PA771</p>	<p>PA775</p>	<p>PA793</p>
			
<p>PA794</p>	<p>PA923</p>		

		GRAF ref.			NOTE	Ad. OE
1.5 (ET176) Eng.3E	87-92	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	87-92	PA766				16110-19055/65/95/105
	87-92	PA766A				16110-19106
1.6 (AT160) (85 kW) Eng.4AGELU	85-89	PA793	•			16100-19115,16110-19165
1.6 (AT175) Eng.4A-FE	88-92	PA768	•			16100-19205,16110-15070,16110-19076 16110-19085/6
1.8 (ST140,150,160) (74 kW) Eng.1S-EL	82-88	PA479		•		16110-63010,16110-69035/6
1.8 (ST163,170,180) Eng.4S-F	87-93	PA715	•	•		16100-79185,16110-79026
1.8 (YT140) Eng.2Y-PU	89-92	PA771				16100-79035/6/7
2.0 (89 kW) Eng.3SFE	86-92	PA715	•	•		16100-79185,16110-79026
2.0 (RT133) Eng.21RU	82-84	PA535				16100-39315,16100-39316,16100-39317
2.0 (ST162) Eng.3S-G,GE	85-89	PA794	•	•		16100-79095

Cressida II (X6), SW '09/80-'03/85

1.8 Eng.1SU	82-85	PA479		•		16110-63010,16110-69035/6
2.0 (77 kW) Eng.21R/21R-C	81-85	PA535				16100-39315,16100-39316,16100-39317
2.4D Eng.2L	82-85	PA775				16100-59135/6/7/8

Cressida III (X7), SW '03/85-'01/88

1.8 Eng.2YPUJE	85-88	PA771				16100-79035/6/7
1.8 Eng.1SU	85-88	PA479		•		16110-63010,16110-69035/6
2.4 D Eng.2L	85-88	PA775				16100-59135/6/7/8

Cressida IV (X8), SW '01/88-'01/93

1.8 Eng.4SFI	88-93	PA715	•	•		16100-79185,16110-79026
2.0 Eng.3YP	88-93	PA771				16100-79035/6/7
2.4D Eng.2L	88-93	PA767				16100-59155

Crown (S1) '04/80-'12/94

2.0 (MS112) Eng.3YPU,PE	83-94	PA771				16100-79035/6/7
2.2 (YS132) Eng.4Y	88-94	PA771				16100-79035/6/7
2.4 D (LS130) Eng.2LTE,EH	8/89-94	PA767				16100-59155
	84-8/89	PA775				16100-59135/6/7/8

Dyna I 100 '08/77-'12/89

1.8 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 Eng.2L	86-89	PA767				16100-59155
	86-89	PA775				16100-59135/6/7/8
2.4 D (55 kW) Eng.2J	84-87	PA775				16100-59135/6/7/8

Dyna I 150 '08/77-'12/89

1.8 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 Eng.2L	8/88-89	PA767				16100-59155
	86-8/88	PA775				16100-59135/6/7/8

Dyna II '08/88-'12/94

2.8D Eng.3L	8/88-94	PA767				16100-59155
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Land Cruiser III (J7) '11/84-

2.4 (RJ70, RJ73_) (77-81 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 kW) Eng.2L	84-85	PA775				16100-59135/6/7/8
2.4 TD (LJ70, LJ73_) (63 kW) Eng.2L-T	85-90	PA775				16100-59135/6/7/8
2.4 TD (LJ70,77), Hardtop (66 kW) Eng.2L-T	90-93	PA767				16100-59155
4.2 TD (HZJ7_V) (96 kW) Eng.1H-Z	90-	PA923				16100-19235

Land Cruiser IV 80 (J8) '01/90-'12/97

4.2 D (HZJ80) (99 kW) Eng.1H-Z	90-97	PA923				16100-19235
4.2 TD (HDJ80) (118 kW) Eng.1HD-T	92-97	PA923				16100-19235
4.2 TD (HDJ80) (123 kW) Eng.1HD-T	90-97	PA923				16100-19235
4.2 TD 24v (HDJ80) (125 kW) Eng.1HD-FT	95-97	PA923				16100-19235

PA210	PA211	PA351	PA714
<p>23 denti puleggia 23 pulley teeth</p>			
PA715	PA718	PA766	PA766A
PA772	PA793	PA794	PA864
PA912	PA919	PA923	PA929
PA963			

		GRAF ref.			NOTE	Ad. OE
Land Cruiser VI 100 (J10) '01/98-						
4.2 TD (HDJ100) (150 kW) Eng.1HD-FTE	98-	PA923				16100-19235
MR 2 I (W1) '11/84-'06/90						
1.5 Eng.3A-LU	84-89	PA772	•			16110-19045/6/7
1.6 16v (AW11) (85-91 kW) Eng.4A-GEL/GELC	84-90	PA793	•			16100-19115,16110-19165
MR 2 II (W2) '12/89-'05/00						
2.0 Eng.3S-F	12/89-11/93	PA715	•	•		16100-79185,16110-79026
2.0 16v (115-125-129 kW) Eng.3S-GE	12/89-11/93	PA794	•	•		16100-79095
MR 2 III (W3) '04/00-						
1.8 16v VT-i (ZZW30) (103 kW) Eng.1ZZ-FE	00-	PA919				16100-09080,16100-09130,16100-29095
Paseo (EL54) '08/95-'07/99						
1.5 16v, Cabrio (66 kW) Eng.5E-FE	8/95-7/99	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	8/95-7/99	PA766				16110-19055/65/95/105
	8/95-7/99	PA766A				16110-19106
Picnic (XM10) '05/96-						
2.0 16v (SXM10) (94 kW) Eng.3S-FE	96-	PA715	•	•		16100-79185,16110-79026
2.2 D (CMX10) (66 kW) Eng.3C-TE	97-	PA714		•		16100-69295/6,16100-69435
Previa I (TCR1, 2) '05/90-'08/00						
2.4, 4WD (97 kW) Eng.2TZ-FE	90-00	PA929	•			16100-76030,16100-79165
Previa II (ACR3) '08/00-						
2.0 D-4D (85 kW) Eng.1CD-FTV	01-	PA963		•		16100-29135
2.4 16v (115 kW) Eng.2AZ-FE	00-	PA912				16100-28040
Prius I (NHW11) '05/00-'01/04						
1.5 (53 kW) Eng.1NZ-FXE	00-04	PA864				16100-29155,16100-29195
Prius II '01/04-						
1.5 (57 kW) Eng.1NZ-FXE	04-	PA864				16100-29155,16100-29195
Rav 4 I (SXA1) '06/94-'06/00						
2.0 16v, Cabrio (95 kW) Eng.3S-FE	4/94-6/00	PA715	•	•		16100-79185,16110-79026
Rav 4 II (XA2) '06/00-						
2.0 D-4D 4WD (85 kW) Eng.1CD-FTV	01-	PA963		•		16100-29135
2.0 VVTi 4WD (110 kW) Eng.1AZ-FE	00-	PA912				16100-28040
Rav 4 III '03/06-						
2.0 VVT-i (112 kW)	06-	PA912				16100-28040
Sprinter I '01/74-'12/79						
1.2 Eng.3K	74-78	PA211				16100-29045/6/7
1.6 Eng.2T	74-79	PA210				16100-25010/1/2
Starlet I (P), SW '11/74-'08/78						
1.0 (33 kW)	74-78	PA351				16100-19015
Starlet II (P6) '02/78-'09/84						
1.0 (KP60), SW (33 kW) Eng.2K	78-84	PA351				16100-19015
1.2 S (KP62), SW (39-41 kW) Eng.3K-H	78-82	PA351				16100-19015
1.3 S (KP61) (48 kW) Eng.4K	82-84	PA351				16100-19015
Starlet III (P7) '10/84-'12/89						
1.0 (EP70L) (40 kW) Eng.1E-L	84-89	PA351				16100-19015
1.3 (EP71L) (55 kW) Eng.2E-LC	84-89	PA351				16100-19015



PA209



PA213



PA718



PA766



PA766A



PA826



PA827



PA864

		GRAF ref.			NOTE	Ad. OE
Starlet IV (P8) '12/89-'03/96						
1.0 (EP80) (40 kW) Eng.1E	89-92	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	89-92	PA766				16110-19055/65/95/105
	89-92	PA766A				16110-19106
1.3 12v (EP81), Kat (55 kW) Eng.2E-E	89-96	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	89-96	PA766				16110-19055/65/95/105
	89-96	PA766A				16110-19106
Starlet V (P9) '04/96-'03/99						
1.3 (EP91) (55 kW) Eng.4E-FE	96-3/99	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	96-3/99	PA766				16110-19055/65/95/105
	96-3/99	PA766A				16110-19106
Tercel I (L1, L2) '03/79-'04/86						
1.3 (AL20, AL11) (48 kW) Eng.2A	79-84	PA209				16100-29025,16100-29026
1.5 16v 4WD (52 kW) Eng.3A	82-	PA213				16100-29027/8/9
1.5, 4WD (AL25) (50 kW) Eng.3A-C	83-	PA213				16100-29027/8/9
Tercel II (L3) '05/86-'06/90						
1.3 Eng.2E	5/86-9/90	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	5/86-9/90	PA766				16110-19055/65/95/105
	5/86-9/90	PA766A				16110-19106
1.5 Eng.2E/3E	5/86-89	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	5/86-89	PA766				16110-19055/65/95/105
	5/86-89	PA766A				16110-19106
Tercel III (L4) '09/90-'12/94						
1.3 Eng.4E-FE	9/90-94	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	9/90-94	PA766				16110-19055/65/95/105
	9/90-94	PA766A				16110-19106
1.5 Eng.3E-E	9/90-8/92	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	9/90-8/92	PA766				16110-19055/65/95/105
	9/90-8/92	PA766A				16110-19106
1.5 Eng.5E-FE	9/90-94	PA718				16100-19195,16100-19225/6,16110-19055 16110-19095,16110-19105/6/7
	9/90-94	PA766				16110-19055/65/95/105
	9/90-94	PA766A				16110-19106
Yaris I (CP10) '04/99-						
1.0 16v (48 kW) Eng.1SZ-FE	03-	PA826			3 fori mozzo/ hub hole	16100-29115
	03-	PA827			4 fori mozzo/ hub hole	16100-09141,16100-29125
1.0 16v (SCP10) (50 kW) Eng.1SZ-FE	4/99-	PA826			3 fori mozzo/ hub hole	16100-29115
	4/99-	PA827			4 fori mozzo/ hub hole	16100-09141,16100-29125
1.3 (64 kW) Eng.2SZ-FE	02-	PA827				16100-09141,16100-29125
1.3 16v (NCP10) (63 kW) Eng.2NZ-FE	99-	PA864				16100-29155,16100-29195
1.4 D-4D (55 kW) Eng.1ND-TV	01-	PA864				16100-29155,16100-29195
1.5 TS (NCP13) (77 kW) Eng.1NZ-FE	03-	PA864				16100-29155,16100-29195
1.5 VVT-i TS (78 kW) Eng.1NZ-FE	01-	PA864				16100-29155,16100-29195
1.5 VVT-i TS (110 kW)	03-05	PA864				16100-29155,16100-29195
Yaris I (NC/LP2) Verso '11/99-						
1.3 (NCP22) (62 kW) Eng.2NZ-FE	03-	PA864				16100-29155,16100-29195
1.3 (NCP22) (63 kW) Eng.2NZ-FE	11/99-	PA864				16100-29155,16100-29195
1.4 D-4D (NLP22) (55 kW) Eng.1ND-TV	12/01-	PA864				16100-29155,16100-29195
1.5 (NCP21) (77 kW) Eng.1NZ-FE	03-	PA864				16100-29155,16100-29195
1.5 (NCP21) (78 kW) Eng.1NZ-FE	3/00-	PA864				16100-29155,16100-29195



PA213



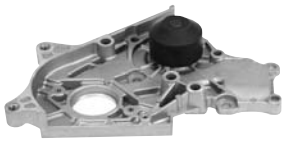
PA486



PA655



PA674



PA714



PA765



PA767



PA771



PA775



PA827



PA890



8 Pale / Vane

PA904



PA1020

		GRAF ref.			NOTE	Ad. OE
Yaris II '01/06-						
1.0 VVT-i (51 kW) Eng.1KR-FE	06-	PA1020				16100-09240,16100-09450,16100-80003
1.3 VVT-i (64 kW) Eng.2SZ-FE	06-	PA827				16100-09141,16100-29125
1.4 D-4D (66 kW) Eng.1ND-TV	06-	PA890				16100-39395

TOYOTA LCV

Hiace II (H5) '03/83-'11/89						
1.8 (58 kW) Eng.2Y	83-89	PA771				16100-79035/6/7
2.0 (65 kW) Eng.3Y	84-89	PA771				16100-79035/6/7
2.2 D (49 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) '08/89-'08/95						
2.4 D (57 kW)	93-95	PA767				16100-59155
2.4 D (LH102), 4WD (55 kW) Eng.2L	89-95	PA767				16100-59155
2.8 D Eng.3L	89-95	PA767				16100-59155

Hiace IV (H1, H2) '08/95-						
2.4 D (58 kW) Eng.2L	8/95-	PA767				16100-59155
2.4 TD, 4WD (66 kW) Eng.2L-T	95-	PA767				16100-59155

Hilux (N) '01/72-'01/89						
2.0 (65 kW) Eng.3Y	83-89	PA771				16100-79035/6/7
2.4 D (57 kW) Eng.2L	83-89	PA775				16100-59135/6/7/8

Hilux Pick-Up (N) '01/84-						
1.8 Eng.1Y	8/93-	PA771				16100-79035/6/7
1.8 (61 kW) Eng.2Y	88-94	PA771				16100-79035/6/7
2.0 Eng.3Y	8/93-	PA771				16100-79035/6/7
2.0 (65 kW) Eng.3Y	84-86	PA771				16100-79035/6/7
2.2 4WD (69 kW) Eng.4Y	87-89	PA771				16100-79035/6/7
2.4 D (55-58 kW)	95-	PA767				16100-59155
2.4 D, 4WD (58 kW) Eng.2L	94-	PA767				16100-59155
2.4 D, 4WD (61 kW) Eng.2L	88-	PA767				16100-59155
2.4 TD 4WD (66 kW) Eng.2L-T	98-02	PA767				16100-59155
2.4 i 4WD (84 kW) Eng.22R	89-	PA486				16100-39345/6
2.8 D Eng.3L	88-94	PA767				16100-59155

Liteace I '10/79-'01/95						
1.3 (42-43 kW) Eng.4K-C/4K	79-86	PA213				16100-29027/8/9
1.6 Eng.1YJ	82-86	PA771				16100-79035/6/7
1.8 Eng.2Y	82-92	PA771				16100-79035/6/7
2.0 Eng.3YU	85-92	PA771				16100-79035/6/7
2.0 D (51-53 kW) Eng.2C	92-94	PA714		•		16100-69295/6
2.2 (72 kW) Eng.4Y-EC	92-95	PA771				16100-79035/6/7

Modell F (R2, 31) Bus '11/82-'01/90						
1.8 De Luxe (YR20) (58 kW) Eng.2Y-C/2Y	82-90	PA771				16100-79035/6/7
2.0 (YR21_G) (66 kW) Eng.3Y	88-90	PA771				16100-79035/6/7
2.0 Super (YR21) (65 kW) Eng.3Y-C	84-88	PA771				16100-79035/6/7
2.0D Eng.2C	83-	PA714		•		16100-69295/6
2.2 (YR22LG, YR31LG) (72 kW) Eng.4Y-EC	87-90	PA771				16100-79035/6/7

VOLKSWAGEN

Bora (1J2, 1J6), Variant '10/98-						
1.4 16v (55 kW) Eng.AKQ/APE/BCA/AHW/AXP	98-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.6 (74-75 kW) Eng.APF/AKL/AEH/AVU/BFQ	98-	PA904		•		06B 121 011A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 16v (77 kW) Eng.AZD/ATN/BCB/AUS	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.AUM/ARX/AGU	00-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012



PA148



PA279



PA579



PA617



PA655



PA658



PA731



PA762



7 Pale / Vane

PA878



8 Pale / Vane

PA905

		GRAF ref.			NOTE	Ad. OE
1.8 T (132 kW) Eng.AUQ	02-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8, 4motion (92 kW) Eng.AGN	98-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 SDI (Exc. SW) (50 kW) Eng.AGP/AQM	98-	PA731		•		038 121 011/A/AV/AX
1.9 TDI (81 kW) Eng.AHF/ASV	98-01	PA731		•		038 121 011/A/AV/AX
1.9 TDI, 4motion (66 kW) Eng.AGR/ALH/ANU	98-01	PA731		•		038 121 011/A/AV/AX
1.9 TDI, 4motion (74 kW) Eng.ATD/AXR	00-	PA762		•		038 121 011C/D
1.9 TDI, 4motion (85 kW) Eng.AUY/AJM	98-01	PA762		•		038 121 011C/D
1.9 TDI, 4motion (96 kW) Eng.ASZ	00-03	PA762		•		038 121 011C/D
	03-	PA878		•		038 121 011G
1.9 TDI, 4motion (110 kW) Eng.ARL	00-	PA905		•		038 121 011H,03G 121 011
2.0, 4motion (85 kW) Eng.APK/AZG/AZH/AQY/AZJ	98-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
2.3 V5, 4motion (110 kW) Eng.AGZ	98-00	PA658				066 121 011C,071 121 005
2.3 V5, 4motion (125 kW) Eng.AQN	00-	PA658				066 121 011C,071 121 005
2.8 V6 4motion (150 kW) Eng.BDE/AUE/AQP	99-	PA617	•			021 121 004/A

Corrado (53I) '09/88-'12/95

1.8 16v (100 kW) Eng.KR	89-92	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	89-92	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 G60 (118 kW) Eng.PG	89-92	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	89-92	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 i (85 kW) Eng.ADY/2E	93-95	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	93-95	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 i 16v (100 kW) Eng.9A	91-95	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-95	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.9 VR6 (140 kW) Eng.ABV	91-95	PA617	•			021 121 004/A

Derby I (86) '02/77-'12/81

0.9 (29 kW) Eng.HA	77-81	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.1 (37 kW) Eng.HB	77-81	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (43 kW) Eng.HJ	77-81	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (44 kW) Eng.HH	77-81	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019

Derby II (86C, 80) '08/81-'12/88

1.0 (29 kW) Eng.GL	81-88	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.0 (33 kW) Eng.HZ	81-88	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.1 (37 kW) Eng.HB	81-88	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (37 kW) Eng.HW	83-84	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (40 kW) Eng.HK	83-88	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (44 kW) Eng.HH	81-88	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (55 kW) Eng.GK	82-88	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019



PA146



PA148



PA279



PA546



PA579



PA603



PA855



7 Pale / Vane

PA878



8 Pale / Vane

PA879



8 Pale / Vane

PA904



PA954



PA980

		GRAF ref.			NOTE	Ad. OE
Eos '03/06-						
1.6 FSI (85 kW) Eng.BLF	06-	PA954				03C 121 005D
2.0 FSI (110 kW) Eng.BVY/BVZ	06-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/HL
2.0 FSI (147 kW) Eng.BWA	06-	PA980		•		06A 121 011R,06F 121 011
2.0 TDI (103 kW) Eng.BMM	06-	PA878		•		038 121 011G
Fox (5Z1) '04/05-						
1.2 (40 kW) Eng.BMD	05-	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
1.4 TDI (51 kW) Eng.BNM	05-	PA879		•		045 121 011F/H
Golf I (17, 155) '04/74-'04/93						
1.1 (44 kW) Eng.HC	81-83	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.1 (37-38 kW) Eng.FA/GG/FJ	74-83	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (43 kW) Eng.GS	82-83	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (44 kW) Eng.GF	79-83	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 Cabrio (44 kW) Eng.GF	79-86	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.5 (51 kW) Eng.FH	74-75	PA146				056 121 005A,068 121 005/B/C/X
	74-75	PA546				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 005A,068 121 005/B/C/X
	76-7/80	PA546				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	PA146				056 121 005A,068 121 005/B/C/X
	75-77	PA546				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 005A,068 121 005/B/C/X
	75-77	PA546				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,037 121 005C 068 121 005A
	86-90	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 Cabrio (55 kW) Eng.EW	83-92	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	83-92	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 D (40 kW) Eng.JK/CR	80-81	PA146				056 121 005A,068 121 005/B/C/X
	80-81	PA546				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,037 121 005C 068 121 005A
	82-83	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 GTI (81 kW) Eng.EG	76-82	PA146				056 121 005A,068 121 005/B/C/X
	76-82	PA546				026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
1.6 GTI Cabrio (81 kW) Eng.EG	76-82	PA146				056 121 005A,068 121 005/B/C/X
	76-82	PA546				026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
1.6 TD (51 kW) Eng.CY	82-83	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	82-83	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX



PA146



PA148



PA279



PA425



PA546



PA579

		GRAF ref.			NOTE	Ad. OE
1.7	82-89	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	82-89	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 Cabrio (66 kW) Eng.EX	83-92	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	83-92	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 Cabrio (70 kW) Eng.JH	83-93	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	83-93	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 Cabrio (72 kW) Eng.2H	89-93	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	89-93	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GTI (82 kW) Eng.DX/EV/PB	82-89	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	82-89	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GTI Cabrio (82 kW) Eng.DX/EV/PB	82-89	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	82-89	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX

Golf II (19E, 1G1) '08/83-'12/92

1.0 (33 kW) Eng.GN	85-91	PA148		•	Eng. -786022	052 121 004/V/X,052 121 005/A 052 121 019
	85-91	PA425		•	Eng. 786023-	030 121 004A/B/,030 121 005H/L/LV/LX
1.0 (37 kW) Eng.HZ	85-91	PA148		•	Eng. -786022	052 121 004/V/X,052 121 005/A 052 121 019
	85-91	PA425		•	Eng. 786023-	030 121 004A/B/,030 121 005H/L/LV/LX
1.3 (37 kW) Eng.NU	85-87	PA148		•	Eng. -200000	052 121 004/V/X,052 121 005/A 052 121 019
	85-87	PA425		•	Eng. 200001-	030 121 004A/B/,030 121 005H/L/LV/LX
1.3 (44 kW) Eng.GT	83-86	PA148		•	Eng. -200000	052 121 004/V/X,052 121 005/A 052 121 019
	83-86	PA425		•	Eng. 200001-	030 121 004A/B/,030 121 005H/L/LV/LX
1.3, Kat (40 kW) Eng.2G/MH/HK	83-92	PA148		•	Eng. -262739	052 121 004/V/X,052 121 005/A 052 121 019
	83-92	PA425		•	Eng. 262740-	030 121 004A/B/,030 121 005H/L/LV/LX
1.6 (51 kW) Eng.PN	86-92	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-92	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (53 kW) Eng.RF(KAT)	86-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (55 kW) Eng.EZ/HM	83-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	83-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 D (37 kW)	83-91	PA146				056 121 005A,068 121 005/B/C/X
	83-91	PA546				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.ME/JP	83-91	PA146				056 121 005A,068 121 005/B/C/X



PA279



PA546



PA579

		GRAF ref.			NOTE	Ad. OE
1.6 D (40 kW) Eng.ME/JP	83-91	PA546				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,037 121 005C 068 121 005A
	89-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 TD (51 kW) Eng.MF/JR	83-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	83-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 TD (59 kW) Eng.RA/SB	89-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	89-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (62 kW) Eng.RH	86-90	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-90	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (66 kW) Eng.HV/GU/GX/VP	86-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GTI (77 kW) Eng.HT	85-	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	85-	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GTI (82 kW) Eng.EV/PB/GZ/DX	83-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	83-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GTI 16v (95 kW) Eng.PL	86-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GTI 16v (102 kW) Eng.KR	86-90	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-90	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GTI G60, Syncro (118 kW) Eng.PG/1H	88-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	88-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GTI, Kat (79 kW) Eng.RD/PF	85-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	85-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 Syncro (66 kW) Eng.GU/GX	86-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 Syncro (72 kW) Eng.1P	88-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A



PA279



PA425



PA579



PA603



PA609

		GRAF ref.			NOTE	Ad. OE
1.8 Syncro (72 kW) Eng.1P	88-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
Golf III (1H1) '10/91-'04/99						
1.4 (40 kW) Eng.ABD	91-99	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
1.6 (55 kW) Eng.ABU	92-9/94	PA425		•		030 121 004A/B/,030 121 005H/L/LV/LX
1.6 (55 kW) Eng.AEE/AEA	7/94-97	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
1.6, Cabrio (74 kW) Eng.AEK/AFT/AKS	94-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	94-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (55 kW) Eng.AAM	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (66 kW) Eng.ADZ/ABS	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 Cabrio (55 kW) Eng.AAM	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 Cabrio (66 kW) Eng.ADZ/ABS	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GT (66 kW)	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 Syncro (66 kW) Eng.ADZ	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 D (48 kW) Eng.1Y	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 SDI (47 kW) Eng.AEY	97-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	97-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
	97-99	PA609				028 121 004/V/X
1.9 TD, GTD (55 kW) Eng.AAZ	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 TDI (66 kW) Eng.AHU/1Z/ALE	93-95	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	93-95	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
	95-99	PA609				028 121 004/V/X



PA279



PA425



PA579



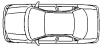



PA603



PA609



PA617

		GRAF ref.			NOTE	Ad. OE
1.9 TDI (81 kW) Eng.AFN	96-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	96-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 TDI Cabrio (66 kW) Eng.AHU/1Z/ALE	93-95	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	93-95	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
	95-99	PA609				028 121 004/V/X
1.9 TDI Syncro (66 kW) Eng.AHU/1Z/ALE	93-95	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	93-95	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
	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,037 121 005C 068 121 005A
	96-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 (85 kW) Eng.2E/AGG/AKR/ADY	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 Cabrio (85 kW) Eng.2E/AGG/AKR/ADY	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 GTI 16v (110 kW) Eng.ABF	92-97	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	92-97	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 Syncro (85 kW) Eng.2E/AGG/AKR/ADY	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.8 VR6 (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-'04/99

1.4 (40 kW) Eng.ABD	91-99	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
1.6 (55 kW) Eng.ABU	92-9/94	PA425	•			030 121 004A/B,030 121 005H/L/LV/LX
1.6 (55 kW) Eng.AEE/AEA	7/94-97	PA603	•			030 121 005N/NV/NX/T/TX,030 121 008D
1.6 (74 kW) Eng.AEK/AFT/AKS	94-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	94-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (55 kW) Eng.AAM	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (66 kW) Eng.ADZ/ABS	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX



PA279



PA579



PA609



PA617



PA655



PA674



PA765



8 Pale / Vane

PA904

		GRAF ref.			NOTE	Ad. OE
1.8 Syncro (66 kW) Eng.ADZ/ABS	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 D (48 kW) Eng.1Y	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 SDI (47 kW) Eng.AEY	97-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	97-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
	97-99	PA609				028 121 004/V/X
1.9 TD, GTD (55 kW) Eng.AAZ	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 TDI (66 kW) Eng.AHU/1Z/ALE	93-95	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	93-95	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
	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,037 121 005C 068 121 005A
	96-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 TDI Syncro (66 kW) Eng.AHU/1Z/ALE	93-95	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	93-95	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
	95-99	PA609				028 121 004/V/X
2.0 (85 kW) Eng.2E/AGG/AKR/ADY	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 Syncro (85 kW) Eng.2E/AGG/AKR/ADY	91-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-99	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
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 '08/97-'09/03

1.4 16v (55 kW) Eng.BCA/AKQ/APE/AHW/AXP	97-03	PA674	•			036 121 005B/E/Q/QX/S,036 121 008K
1.6 (74 kW) Eng.AEH/AKL/APF/AKS/AFT	97-00	PA904	•			06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 (75 kW) Eng.AVU	00-03	PA904	•			06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 16v (77 kW) Eng.AZD/AUS/BCB/ATN	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.AEH/AKL/APF/AKS/AFT	97-00	PA904	•			06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 FSI (81 kW) Eng.BAD	02-03	PA765	•			036 121 005F/P,036 121 008G
1.8 T (110 kW) Eng.AUM/AGU	97-03	PA655	•			06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.8 T GTI (Exc. SW) (132 kW) Eng.AUQ	01-03	PA655	•			06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012



PA146



PA279



PA546



PA579



PA617



PA655



PA658



PA674



PA731



PA762



PA878



PA879



PA904



PA905



PA939



PA954



PA980

		GRAF ref.			NOTE	Ad. OE
1.8, 4motion (92 kW) Eng.AGN	97-03	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 SDI (50 kW) Eng.AGP/AQM	97-03	PA731		•		038 121 011/A/AV/AX
1.9 TDI (81 kW) Eng.ASV/AHF/AVG/AFN	97-01	PA731		•		038 121 011/A/AV/AX
1.9 TDI Cabrio (66 kW) Eng.AGR/ALH/AHU/ALE	98-01	PA731		•		038 121 011/A/AV/AX
1.9 TDI Cabrio (81 kW) Eng.ASV/AHF/AVG/AFN	97-01	PA731		•		038 121 011/A/AV/AX
1.9 TDI, 4motion (66 kW) Eng.AGR/ALH/AHU/ALE	98-01	PA731		•		038 121 011/A/AV/AX
1.9 TDI, 4motion (74 kW) Eng.AXR/ATD	00-03	PA762		•		038 121 011C/D
1.9 TDI, 4motion (85 kW) Eng.AJM/AUY	98-01	PA762		•		038 121 011C/D
1.9 TDI, 4motion (96 kW) Eng.ASZ	00-1/03	PA762		•		038 121 011C/D
	1/03-10/03	PA878		•		038 121 011G
1.9 TDI, 4motion (Exc. SW) (110 kW) Eng.ARL	00-03	PA905		•		038 121 011H,03G 121 011
2.0 (Exc. SW) (85 kW) Eng.APK/AQY/AZG/AZJ	98-03	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
2.3 V5, 4motion (110 kW) Eng.AGZ	97-00	PA658				066 121 011C,071 121 005
2.3 V5, 4motion (125 kW) Eng.AQN	00-03	PA658				066 121 011C,071 121 005
2.8 V6 4motion (150 kW) Eng.BDE/AUE/AQP	99-03	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) '10/03-

1.4 16v (55 kW) Eng.BCA	03-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.4 16v (59 kW) Eng.BUD	06-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.4 FSI (66 kW) Eng.BKG	03-	PA939				03C 121 005B/C
1.6 (75 kW) Eng.BGU	04-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 FSI (85 kW) Eng.BAG/BLP/BLF	03-	PA954				03C 121 005D
1.9 TDI (66 kW) Eng.BRU	04-	PA879	•			045 121 011F/H
1.9 TDI (77 kW) Eng.BJB/BKC	03-	PA879	•			045 121 011F/H
1.9 TDI 4motion (77 kW) Eng.BJB/BKC	03-	PA879	•			045 121 011F/H
2.0 FSI (110 kW) Eng.AXW	04-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 FSI 4motion (110 kW) Eng.AXW	04-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 GTD (125 kW) Eng.BMN	05-	PA905		•		038 121 011H,03G 121 011
2.0 GTI (147 kW) Eng.AXX/BWA	04-	PA980		•		06A 121 011R,06F 121 011
2.0 SDI (55 kW) Eng.BDK	04-	PA879		•		045 121 011F/H
2.0 TDI (103 kW) Eng.BKD/BMM	03-	PA905		•		038 121 011H,03G 121 011
2.0 TDI 4motion (103 kW) Eng.BKD	03-	PA905		•		038 121 011H,03G 121 011

Golf V Plus (1KP) '01/05-

1.4 16v (55 kW) Eng.BCA	05-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.6 (75 kW) Eng.BSE/BSF	05-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 FSI (85 kW) Eng.BLF	05-	PA954				03C 121 005D
1.9 TDI (66 kW) Eng.BRU	05-	PA879	•			045 121 011F/H
1.9 TDI (77 kW) Eng.BKC	05-	PA879	•			045 121 011F/H
2.0 FSI (110 kW) Eng.BLR/BLY/BVZ/BVY	05-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 TDI (103 kW) Eng.BKD	05-	PA905		•		038 121 011H,03G 121 011

Ittis (183) '03/79-'12/88

1.6 TD (51 kW) Eng.1C	87-88	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	87-88	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.7 (55 kW) Eng.YX/WL	79-12/82	PA146			Ch -18C000887	056 121 005A,068 121 005/B/C/X
	79-12/82	PA546			Ch -18C000887	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	1/83-88	PA279	•		Ch 18G000001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	1/83-88	PA579			w/BH, Ch 18G000001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX



PA146



PA148



PA279



PA546



PA579

		GRAF ref.			NOTE	Ad. OE
Jetta I (17) '08/79-'12/83						
1.1 (37 kW) Eng.GG	79-83	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (43 kW) Eng.GS	82-	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (44 kW) Eng.GF	79-83	PA148		•		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,037 121 005C 068 121 005A
	79-83	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.5 D (37 kW) Eng.CK	79-80	PA146				056 121 005A,068 121 005/B/C/X
	79-80	PA546				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,037 121 005C 068 121 005A
	80-83	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 D (40 kW) Eng.JK/CR	80-83	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	80-83	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 GLI (81 kW) Eng.EG	79-82	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	79-82	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 TD (51 kW) Eng.CY	82-83	PA146			Ch -16C630000	056 121 005A,068 121 005/B/C/X
	82-83	PA546			Ch -16C630000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	82-83	PA279	•		Ch 16C630001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	82-83	PA579			w/BH, Ch 16C630001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.7	82-83	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	82-83	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (82 kW) Eng.DX	82-83	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	82-83	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
Jetta II (19E, 1G2) '01/84-'12/91						
1.0 (33-36 kW)	84-91	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (44 kW) Eng.GT	84-86	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3, Kat (40 kW) Eng.MH/2G/NZ/HK	84-91	PA148		•		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,037 121 005C 068 121 005A
	86-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (53 kW) Eng.RF(KAT)	86-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A



PA146



PA279























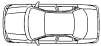



PA546



PA579

		GRAF ref.			NOTE	Ad. OE
1.6 (53 kW) Eng.RF(KAT)	86-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (55 kW) Eng.EZ/HM	84-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	84-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 D (40 kW) Eng.ME/JP	84-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	84-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 TD (44 kW) Eng.1V	90-91	PA146			Ch -16C630000	056 121 005A,068 121 005/B/C/X
	90-91	PA546			Ch -16C630000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	90-91	PA279	•		Ch 16C630001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	90-91	PA579			w/BH, Ch 16C630001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 TD (51 kW) Eng.JR/MF	84-91	PA146			Ch -16C630000	056 121 005A,068 121 005/B/C/X
	84-91	PA546			Ch -16C630000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	84-91	PA279	•		Ch 16C630001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	84-91	PA579			w/BH, Ch 16C630001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 TD (59 kW) Eng.RA/SB	89-91	PA146			Ch -16C630000	056 121 005A,068 121 005/B/C/X
	89-91	PA546			Ch -16C630000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	89-91	PA279	•		Ch 16C630001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	89-91	PA579			w/BH, Ch 16C630001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (62 kW) Eng.RH	86-90	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-90	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 16v (102 kW) Eng.KR	87-89	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	87-89	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 16v GTi (95 kW) Eng.PL	86-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GT Syncro (72 kW) Eng.1P	88-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	88-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GT, Syncro, Kat (66 kW) Eng.GU/HV/GX/RP	84-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	84-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GTi (82 kW) Eng.EV/GZ/PB	84-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A

			
PA146	PA148	PA279	PA579
			
PA609	PA655	PA658	PA674
			
PA676	PA731	PA761	PA762
			
PA765	PA804	PA878 7 Pale/ Vane	PA879 8 Pale / Vane
			
PA904 8 Pale / Vane	PA905 8 Pale / Vane	PA954	PA980

		GRAF ref.			NOTE	Ad. OE
1.8 GTi (82 kW) Eng.EV/GZ/PB	84-91	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GTi, Kat (79 kW) Eng.RD/PF	85-87	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	85-87	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
Jetta III (1KM) '08/05-						
1.6 (75 kW) Eng.BSE/BSF	05-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 FSI (85 kW) Eng.BLF	05-	PA954				03C 121 005D
1.9 TDI (77 kW) Eng.BKC/BLS	05-	PA879		•		045 121 011F/H
2.0 FSI (110 kW) Eng.BLR/BLY	05-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 TDI (103 kW) Eng.BKD/BMM	05-	PA905		•		038 121 011H,03G 121 011
2.0 TFSI (147 kW) Eng.BWA	05-	PA980		•		06A 121 011R,06F 121 011
Lupo (6X1, 6E1) '09/98-						
1.0 (37 kW) Eng.AHT	98-	PA804				047 121 013J
1.0 (37 kW) Eng.ALL/ALD/AUC/ANV/AER	98-	PA676		•		030 121 005S,030 121 008A/C
1.2 TDI 3L (45 kW) Eng.AYZ/ANY	99-	PA761		•		045 121 011B
1.4 (44 kW) Eng.AUD	00-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.4 16v (55 kW) Eng.AHW/APE/AUA/AKQ/BBY	98-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.4 16v (74 kW) Eng.AQQ/AUB/ANM/AFK	99-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.4 FSI (77 kW) Eng.ARR	01-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.4 TDI (55 kW) Eng.AMF	99-	PA879		•		045 121 011F/H
1.6 GTI (92 kW) Eng.AVY	00-	PA765		•		036 121 005F/P,036 121 008G
1.7 SDI (44 kW) Eng.AKU	98-	PA609				028 121 004V/X
New Beetle (9C1, 1C1) '01/98-						
1.4, Cabrio (55 kW) Eng.BCA	01-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.6 (74 kW) Eng.AWH	99-00	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6, Cabrio (75 kW) Eng.AYD/BFS	00-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.8 T, Cabrio (110 kW) Eng.AWV/AWU/APH/AVC	99-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 TDI (66 kW) Eng.ALH	98-01	PA731		•		038 121 011A/AV/AX
1.9 TDI, Cabrio (74 kW) Eng.ATD	01-	PA762		•		038 121 011C/D
1.9 TDI, Cabrio (77 kW) Eng.BSW	05-	PA878		•		038 121 011G
2.0, Cabrio (85 kW) Eng.AEG/AZG/APK/AQY	98-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
2.3 V5 (125 kW) Eng.AQN	00-	PA658				066 121 011C,071 121 005
Passat I (32, 33), Variant '05/73-'07/80						
1.3 (40 kW) Eng.FY	73-80	PA148		•		052 121 004V/X,052 121 005/A 052 121 019
1.3 (40 kW) Eng.ZA	73-80	PA146				056 121 005A,068 121 005B/C/X



PA146



PA148



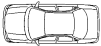


PA279



PA546



PA579

		GRAF ref.			NOTE	Ad. OE
1.3 (40 kW) Eng.ZA	73-80	PA546				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 005A,068 121 005/B/C/X
	73-78	PA546				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.ZB/YJ	73-75	PA146				056 121 005A,068 121 005/B/C/X
	73-75	PA546				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 005A,068 121 005/B/C/X
	73-75	PA546				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 005A,068 121 005/B/C/X
	77-80	PA546				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	PA146			Ch -32B100000	056 121 005A,068 121 005/B/C/X
	75-80	PA546			Ch -32B100000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	75-80	PA279	•		Ch 32B100001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	75-80	PA579			w/BH, Ch 32B100001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (Exc. SW) (53 kW) Eng.FS	75-80	PA146				056 121 005A,068 121 005/B/C/X
	75-80	PA546				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	PA146			Ch -32B100000	056 121 005A,068 121 005/B/C/X
	79-80	PA546			Ch -32B100000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	79-80	PA279	•		Ch 32B100001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	79-80	PA579			w/BH, Ch 32B100001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 SW (55 kW) Eng.YN	76-80	PA146			Ch -32B100000	056 121 005A,068 121 005/B/C/X
	76-80	PA546			Ch -32B100000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	76-80	PA279	•		Ch 32B100001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	76-80	PA579			w/BH, Ch 32B100001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 i SW (81 kW) Eng.YS	78-80	PA146				056 121 005A,068 121 005/B/C/X
	78-80	PA546				026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010

Passat II (32B), Variant '08/80-'03/88

1.3 (40 kW) Eng.FY	80-83	PA148		•		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,037 121 005C 068 121 005A
	80-86	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.3 (44 kW) Eng.EU/FZ	80-86	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.6 (51 kW) Eng.PP	87-88	PA146			Ch -32B100000	056 121 005A,068 121 005/B/C/X
	87-88	PA546			Ch -32B100000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	87-88	PA279	•		Ch 32B100001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	87-88	PA579			w/BH, Ch 32B100001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (53 kW) Eng.RL/RF	86-88	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A



PA103



PA146



PA279



PA546



PA579

		GRAF ref.			NOTE	Ad. OE
1.6 (53 kW) Eng.RL/RF	86-88	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (55 kW) Eng.WV/YN/DT	80-88	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	80-88	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (63 kW) Eng.YP	81-83	PA146			Ch -32B100000	056 121 005A,068 121 005/B/C/X
	81-83	PA546			Ch -32B100000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	81-83	PA279	•		Ch 32B100001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	81-83	PA579			w/BH, Ch 32B100001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 D (40 kW) Eng.JK/CR	80-88	PA146			Ch -32B100000	056 121 005A,068 121 005/B/C/X
	80-88	PA546			Ch -32B100000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	80-88	PA279	•		Ch 32B100001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	80-88	PA579			w/BH, Ch 32B100001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 TD (51 kW) Eng.CY	82-88	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	82-88	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 TD (Exc. SW) (59 kW) Eng.RA	86-88	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-88	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (64 kW) Eng.RM	86-88	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-88	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (66 kW) Eng.DS/JN	86-88	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-88	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (82 kW) Eng.DZ	83-88	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	83-88	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 Syncro (66 kW) Eng.DS/JN	86-88	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-88	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
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 (100 kW) Eng.KV	77-88	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

Passat III (3A2, 3A5, 35I), Variant '02/88-'05/97


1.6 (53 kW) Eng.1F	88-91	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A



PA279



PA579

		GRAF ref.	 	NOTE	Ad. OE
1.6 (53 kW) Eng.1F	88-91	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (55 kW) Eng.EZ	4/88-12/88	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	4/88-12/88	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (74 kW) Eng.AEK/AFT	94-96	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	94-96	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 TD (59 kW) Eng.SB/RA	88-93	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	88-93	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (55 kW) Eng.AAM	90-96	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	90-96	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (66 kW) Eng.ADZ/RP/ABS	88-97	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	88-97	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (79 kW) Eng.PF	88-93	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	88-93	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (82 kW) Eng.PB(KAT)	88-92	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	88-92	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 16v (100 kW) Eng.KR	88-89	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	88-89	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 G60 Syncro (118 kW) Eng.PG	88-97	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	88-97	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 TD (55 kW) Eng.AAZ	91-97	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-97	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 (79 kW) Eng.AEP	95-96	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	95-96	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 (85 kW) Eng.2E/ADY/AGG	90-96	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	90-96	PA579		w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 16v (100 kW) Eng.9A	88-93	PA279	•		026 121 005A/C/E/G/H,037 121 005C 068 121 005A



PA279



PA579



PA609



PA617



PA618A



PA655



PA658



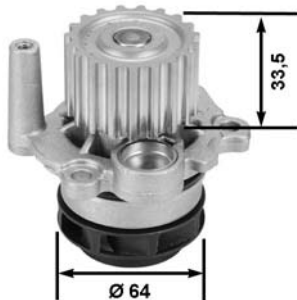
girante/impeller
h 27,65mm on ø 55

PA675



Girante Turbina
Turbine impeller

PA679



PA762



PA779



girante/impeller
h 28,65 mm on ø 55

PA868



7 Pale/ Vane

PA878



8 Pale / Vane

PA904

		GRAF ref.			NOTE	Ad. OE
2.0 16v (100 kW) Eng.9A	88-93	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 16v (110 kW) Eng.ABF	94-97	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	94-97	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 Syncro (85 kW) Eng.2E/ADY/AGG	90-96	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	90-96	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.8 VR6 (128 kW) Eng.AAA	91-96	PA617	•			021 121 004/A

Passat IV (3B2, 3B5), Variant '08/96-'11/00

1.6 (74 kW) Eng.ADP	96-00	PA679				026 121 005F/K/L
	96-00	PA779			w/BH	050 121 010/A/AV/AX/C/X
1.6 (74 kW) Eng.ANA/AHL/ARM	96-00	PA904	•			06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.8 (85 kW) Eng.AFY	97-00	PA679				026 121 005F/K/L
	97-00	PA779			w/BH	050 121 010/A/AV/AX/C/X
1.8 (92 kW) Eng.ADR/APT/ARG	96-00	PA679				026 121 005F/K/L
	96-00	PA779			w/BH	050 121 010/A/AV/AX/C/X
1.8 Syncro (92 kW) Eng.ADR/APT/ARG	96-00	PA679				026 121 005F/K/L
	96-00	PA779			w/BH	050 121 010/A/AV/AX/C/X
1.8 T (110 kW) Eng.ANB/APU/AEB	96-00	PA679				026 121 005F/K/L
	96-00	PA779			w/BH	050 121 010/A/AV/AX/C/X
1.9 TDI (66 kW) Eng.AHH/AHU	96-00	PA609				028 121 004V/X
1.9 TDI (74 kW) Eng.AVB	2/00-11/00	PA762	•			038 121 011C/D
1.9 TDI (81 kW) Eng.AFN/AVG	96-00	PA609				028 121 004V/X
1.9 TDI Syncro (81 kW) Eng.AFN/AVG	96-00	PA609				028 121 004V/X
1.9 TDI, 4motion (85 kW) Eng.AJM/ATJ	98-00	PA762	•			038 121 011C/D
2.0, 4motion (88 kW) Eng.AUZ/ASU	4/00-11/00	PA655	•			06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
2.3 VR5 (110 kW) Eng.AGZ	96-00	PA658				066 121 011C,071 121 005
2.3 VR5 Syncro (110 kW) Eng.AGZ	96-00	PA658				066 121 011C,071 121 005
2.5 TDI, Syncro (110 kW) Eng.AFB	98-00	PA675	•			059 121 004B/C/D
2.5 TDI, Syncro (110 kW) Eng.AKN	98-00	PA868	•			059 121 004E
2.8 V6 (132 kW) Eng.AGE	97-99	PA618A	•			078 121 004H/HV/HX/JJ/JV/JX
						078 121 004Q/QX,078 121 006
2.8 V6 Syncro (132 kW) Eng.AGE	97-99	PA618A	•			078 121 004H/HV/HX/JJ/JV/JX
						078 121 004Q/QX,078 121 006
2.8 V6, 4motion (140 kW) Eng.ATX	99-00	PA618A	•			078 121 004H/HV/HX/JJ/JV/JX
						078 121 004Q/QX,078 121 006
2.8 V6, 4motion (142 kW) Eng.APR/AQD/ALG/ACK	96-00	PA618A	•			078 121 004H/HV/HX/JJ/JV/JX
						078 121 004Q/QX,078 121 006

Passat V (3B3, 3B6), Variant '11/00-'03/05

1.6 (75 kW) Eng.ALZ	00-05	PA904	•			06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.8 T 20v (110 kW) Eng.AWT	00-05	PA655	•			06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 TDI (74 kW) Eng.AVB	00-02	PA762	•			038 121 011C/D
	03-05	PA878	•			038 121 011G
1.9 TDI (96 kW) Eng.AWX/AVF	00-02	PA762	•			038 121 011C/D
	03-05	PA878	•			038 121 011G
1.9 TDI 4motion (96 kW) Eng.AWX/AVF	00-02	PA762	•			038 121 011C/D
	03-05	PA878	•			038 121 011G
2.0 (85 kW) Eng.AZM	00-05	PA655	•			06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
2.0 (96 kW) Eng.ALT	01-05	PA904	•			06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 4motion (85 kW) Eng.AZM	00-05	PA655	•			06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
2.0 TDI (100 kW) Eng.BGW	03-05	PA762	•			038 121 011C/D



PA148



PA423



PA425



PA618A



PA658



girante/impeller
h 27,65mm on ø 55

PA675



PA764



girante/impeller
h 28,65 mm on ø 55

PA868



7 Pale/ Vane

PA878



8 Pale / Vane

PA879



8 Pale / Vane

PA904



8 Pale / Vane

PA905



PA954



PA979



PA980

		GRAF ref.			NOTE	Ad. OE
2.3 V5, VR5, 4motion (125 kW) Eng.AZX	00-05	PA658			Ch -3B2315000	066 121 011C,071 121 005
2.5 TDI (110 kW) Eng.AFB	00-05	PA675		•		059 121 004B/C/D
2.5 TDI (110 kW) Eng.AKN	00-05	PA868		•		059 121 004E
2.5 TDI (120 kW) Eng.BDG	03-05	PA675		•		059 121 004B/C/D
2.5 TDI 4motion (110 kW) Eng.AFB	00-05	PA675		•		059 121 004B/C/D
2.5 TDI 4motion (110 kW) Eng.AKN	00-05	PA868		•		059 121 004E
2.5 TDI 4motion (132 kW) Eng.BAU/BDH	03-05	PA868		•		059 121 004E
2.8 30v 4motion (142 kW) Eng.AMX/ATQ	00-05	PA618A		•		078 121 004H/HV/HX/JJ/JV/JX 078 121 004Q/QX,078 121 006

Passat VI (3C2), Variant '03/05-

1.6 (75 kW) Eng.BSE/BSF	05-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 FSI (85 kW) Eng.BLF	05-	PA954				03C 121 005D
1.9 TDI (77 kW) Eng.BKC/BLS	05-	PA879		•		045 121 011F/H
2.0 FSI (110 kW) Eng.BLY/BLR	05-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 FSI 4motion (110 kW) Eng.BLX/BLY/BVX	05-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 TDI (103 kW) Eng.BKP/BMP	05-	PA878		•		038 121 011G
2.0 TDI (125 kW) Eng.BMR	05-	PA905		•		038 121 011H,03G 121 011
2.0 TDI 4motion (103 kW) Eng.BKP/BMP	05-	PA878		•		038 121 011G
2.0 TDI Variant (90 kW) Eng.BVD/BVE	05-	PA878		•		038 121 011G
2.0 TDI Variant (100 kW) Eng.BMA	05-	PA878		•		038 121 011G
2.0 TFSI (147 kW) Eng.AXX/BWA/BPY	05-	PA980		•		06A 121 011R,06F 121 011

Phaeton (3D2) '04/02-

3.0 V6 TDI 4motion (165 kW) Eng.BMK	04-	PA979				06E 121 005D/F
4.2 V8 4motion (246 kW) Eng.BGH/BGJ	03-	PA764		•		077 121 004M/MMX/N

Polo I (86) '03/75-'09/81

0.8 (25 kW) Eng.HE	75-81	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
0.9 (29 kW) Eng.HA	75-81	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.1 (37 kW) Eng.HB	75-81	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.1 (44 kW) Eng.HC	75-81	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (44 kW) Eng.HH	75-81	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019

Polo II (86C, 80), Classic, Coupé '10/81-'09/94

0.9 (Exc. Classic) (29 kW) Eng.HA	10/81-12/81	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.0 (29 kW) Eng.GL	81-86	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.0, Kat (33 kW) Eng.HZ/AAK/AAU/ACM	86-92	PA148		•	Eng. -015867	052 121 004/V/X,052 121 005/A 052 121 019
	92-94	PA425		•	Eng. 015868-	030 121 004A/B/,030 121 005H/L/LV/LX
1.1 (Exc. Classic) (37 kW) Eng.HB	81-89	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (37 kW) Eng.HW	83-85	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (Exc. Classic) (44 kW) Eng.HH	81-83	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (Exc. Classic) (57 kW) Eng.3F	91-92	PA148		•	Eng. -008526	052 121 004/V/X,052 121 005/A 052 121 019
	92-94	PA425		•	Eng. 008527-	030 121 004A/B/,030 121 005H/L/LV/LX
1.3 (Exc. Coupé) (43 kW) Eng.HJ	81-82	PA148		•		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/X/AV/AX 031 121 005A/C/CV/CX
1.3 G40 (Exc. Classic) (83 kW) Eng.PY	87-92	PA148		•	Eng. -002177	052 121 004/V/X,052 121 005/A 052 121 019
	92-94	PA425		•	Eng. 002178-	030 121 004A/B/,030 121 005H/L/LV/LX



PA148



PA279



PA423



PA425



PA579



PA603



PA609



PA654



PA674



PA676



PA731



PA765



8 Pale / Vane

PA904

		GRAF ref.			NOTE	Ad. OE
1.3, Kat (40 kW) Eng.NZ/MH/AAV/2G	83-94	PA148			• Eng. -200000	052 121 004/V/X,052 121 005/A 052 121 019
	83-94	PA425			• Eng. 200001-	030 121 004A/B/,030 121 005H/L/LV/LX
1.3, Kat (Exc. Classic) (55 kW) Eng.3F/GK	89-9/90	PA148			•	052 121 004/V/X,052 121 005/A 052 121 019
1.4 D (35 kW) Eng.1W	10/90-94	PA423			•	031 121 004/A/X/AV/AX 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
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
1.4 (40 kW) Eng.AEX	95-99	PA603			•	030 121 005N/NV/NX/T/TX,030 121 008D
1.4 (44 kW) Eng.AEX/AKV/APQ	95-99	PA603			•	030 121 005N/NV/NX/T/TX,030 121 008D
1.4 16v (74 kW) Eng.AFH	96-99	PA654			•	036 121 005/D/J/M
1.6 (55 kW) Eng.AHS/AEE/AEA	94-99	PA603			•	030 121 005N/NV/NX/T/TX,030 121 008D
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

Polo III-IV (6KV2) Classic '11/95-'09/01

1.4 (44 kW) Eng.AKK/AUD/ANW	95-01	PA676			•	030 121 005S,030 121 008A/C
1.4 (44 kW) Eng.AKV/AEX/ANX/APQ	95-01	PA603			•	030 121 005N/NV/NX/T/TX,030 121 008D
1.4 16v (55 kW) Eng.AUA/AHW/APE	99-01	PA674			•	036 121 005B/E/Q/QX/S,036 121 008K
1.6 (55 kW) Eng.1F	95-01	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	95-01	PA579		w/BH		026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (55 kW) Eng.AEE/ALM	95-01	PA603			•	030 121 005N/NV/NX/T/TX,030 121 008D
1.6 (74 kW) Eng.AEH/AKL/APF/AUR	95-01	PA904			•	06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 (74 kW) Eng.AFT	95-99	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	95-99	PA579		w/BH		026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.7 SDI (42 kW) Eng.AKW	97-01	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	97-01	PA579		w/BH		026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (66 kW) Eng.ADD/ADZ	97-01	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	97-01	PA579		w/BH		026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 D (47 kW) Eng.1Y/AEY	95-01	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	95-01	PA579		w/BH		026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 SDI (50 kW) Eng.AGP/AQM	99-01	PA731			•	038 121 011/A/AV/AX
1.9 TDI (66 kW) Eng.AGR/ALH/AHU/ALE	96-01	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	96-01	PA579		w/BH		026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 TDI (81 kW) Eng.ASV/AFN	98-01	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	98-01	PA579		w/BH		026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX



PA279



PA579



PA603



PA609



PA655



PA674



PA676



PA731



PA761



PA765



PA806



PA855



PA875



PA879



PA904



PA939

		GRAF ref.			NOTE	Ad. OE
Polo IV (6KV5) Variant '05/97-'09/01						
1.4 (40 kW) Eng.AKP	99-01	PA676		•		030 121 005S,030 121 008A/C
1.4 (44 kW) Eng.AKK/AUD/ANW	99-01	PA676		•		030 121 005S,030 121 008A/C
1.4 (44 kW) Eng.AKV/AEX/ANX/APQ	99-01	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
1.4 16v (55 kW) Eng.AUA/AHW/APE	99-01	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.6 (55 kW) Eng.AEE/ALM	97-01	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
1.6 (74 kW) Eng.AEH/AKL/APF/AUR	99-01	PA904		•		06B 121 011A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.7 SDI (44 kW) Eng.AKU/AKW	99-01	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	99-01	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (66 kW) Eng.ADD/ADZ	97-01	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	97-01	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 D (47 kW) Eng.AEY	99-01	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	99-01	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 SDI (47 kW) Eng.ASX/AGD/AEY	99-01	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	99-01	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 SDI (50 kW) Eng.AGP/AQM	99-01	PA731		•		038 121 011A/AV/AX
1.9 TDI (66 kW) Eng.AGR/ALH/AHU/ALE	97-01	PA609				028 121 004V/X
Polo IV (6N2) '10/99-'09/01						
1.0 (37 kW) Eng.ALD/AUC	99-01	PA676		•		030 121 005S,030 121 008A/C
1.4 (40 kW) Eng.AKP	99-01	PA676		•		030 121 005S,030 121 008A/C
1.4 (44 kW) Eng.AKK/AKV/AEX/ANX/APQ/ANW/AUD	99-01	PA676		•		030 121 005S,030 121 008A/C
1.4 16v (55 kW) Eng.AUA/AHW/APE	99-01	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.4 16v (74 kW) Eng.AFK/AUB	99-01	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
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.AVY/ARC	99-01	PA765		•		036 121 005F/P,036 121 008G
1.7 SDI (44 kW) Eng.AKU/AKW	99-01	PA609				028 121 004V/X
1.9 D (47 kW) Eng.AEF	99-01	PA609				028 121 004V/X
1.9 SDI (47 kW) Eng.ASX/AGD/AEY	99-01	PA609				028 121 004V/X
1.9 Sdi (50 kW) Eng.AGP	99-01	PA731		•		038 121 011A/AV/AX
Polo V (9N) '10/01-						
1.2 (40 kW) Eng.AWY/BMD	02-	PA855				03D 121 005,03D 121 013B
1.2 12v (47 kW) Eng.AZQ/BME	01-	PA855				03D 121 005,03D 121 013B
1.4 16v (55 kW) Eng.BBY/AUA/BKY	01-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.4 16v (74 kW) Eng.AUB/BBZ	01-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.4 FSI (63 kW) Eng.AXU	02-	PA939				03C 121 005B/C
1.4 TDI (51 kW) Eng.BNM	05-	PA879		•		045 121 011F/H
1.4 TDI (55 kW) Eng.BAY/AMF	01-	PA761		•	Ch -9N2100000	045 121 011B
	01-	PA879		•	Ch 9N2100001-	045 121 011F/H
1.4 TDI (59 kW) Eng.BMS/BNV	05-	PA879		•		045 121 011F/H
1.6 (77 kW) Eng.BTS	06-	PA939				03C 121 005B/C
1.8 GTI (110 kW) Eng.BJX	05-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 SDI (47 kW) Eng.ASY	01-	PA806		•	Ch -9N2100000	045 121 011C
	01-	PA875		•	Ch 9N2100001-	045 121 011G
1.9 TDI (74 kW) Eng.AXR/ATD	01-	PA761		•	Ch -9N2100000	045 121 011B
	01-	PA879		•	Ch 9N2100001-	045 121 011F/H
1.9 TDI (96 kW) Eng.BLT/ASZ	03-	PA879		•		045 121 011F/H



PA146



PA148



PA279



PA546



PA579

		GRAF ref.			NOTE	Ad. OE
Santana I (32, 33), Variant '05/73-'07/80						
1.3 (40 kW) Eng.FY	73-80	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (40 kW) Eng.ZA	73-80	PA146				056 121 005A,068 121 005/B/C/X
	73-80	PA546				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 005A,068 121 005/B/C/X
	73-78	PA546				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.ZB/YJ	73-75	PA146				056 121 005A,068 121 005/B/C/X
	73-75	PA546				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 005A,068 121 005/B/C/X
	73-75	PA546				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 005A,068 121 005/B/C/X
	77-80	PA546				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	PA146			Ch -32B100000	056 121 005A,068 121 005/B/C/X
	75-80	PA546			Ch -32B100000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	75-80	PA279	•		Ch 32B100001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	75-80	PA579			w/BH, Ch 32B100001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (Exc. SW) (53 kW) Eng.FS	75-80	PA146				056 121 005A,068 121 005/B/C/X
	75-80	PA546				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	PA146			Ch -32B100000	056 121 005A,068 121 005/B/C/X
	79-80	PA546			Ch -32B100000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	79-80	PA279	•		Ch 32B100001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	79-80	PA579			w/BH, Ch 32B100001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 SW (55 kW) Eng.YN	76-80	PA146			Ch -32B100000	056 121 005A,068 121 005/B/C/X
	76-80	PA546			Ch -32B100000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	76-80	PA279	•		Ch 32B100001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	76-80	PA579			w/BH, Ch 32B100001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 i SW (81 kW) Eng.YS	78-80	PA146				056 121 005A,068 121 005/B/C/X
	78-80	PA546				026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
Santana II (32B) '08/81-'12/84						
1.3 (44 kW) Eng.FZ	81-83	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.6 (55 kW) Eng.WV/DT	81-84	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	81-84	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (63 kW) Eng.YP	81-82	PA146			Ch -32B100000	056 121 005A,068 121 005/B/C/X
	81-82	PA546			Ch -32B100000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	81-82	PA279	•		Ch 32B100001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	81-82	PA579			w/BH, Ch 32B100001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX



PA103



PA146



PA148



PA279



PA546



PA579

		GRAF ref.			NOTE	Ad. OE
1.6 D (40 kW) Eng.CR/JK	81-84	PA146			Ch -32B100000	056 121 005A,068 121 005/B/C/X
	81-84	PA546			Ch -32B100000	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	81-84	PA279	•		Ch 32B100001-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	81-84	PA579			w/BH, Ch 32B100001-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 TD (51 kW) Eng.CY	81-84	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	81-84	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (66 kW) Eng.DS	83-84	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	83-84	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 (85 kW) Eng.WN	81-83	PA103		•		035 121 004/A/AV/AX,035 121 005E
2.0 (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

Scirocco I (53) '02/74-'07/80

1.1 (37 kW) Eng.FA	74-79	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (44 kW) Eng.GF	79-80	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.5 (51 kW) Eng.FH	74-80	PA146				056 121 005A,068 121 005/B/C/X
	74-80	PA546				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,037 121 005C 068 121 005A
	74-80	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.5 (55 kW) Eng.ZB/YJ	74-75	PA146				056 121 005A,068 121 005/B/C/X
	74-75	PA546				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 005A,068 121 005/B/C/X
	74-77	PA546				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,037 121 005C 068 121 005A
	75-77	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (55 kW) Eng.FP	75-77	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	75-77	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (63 kW) Eng.FR	75-80	PA146				056 121 005A,068 121 005/B/C/X
	75-80	PA546				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 005A,068 121 005/B/C/X
	76-80	PA546				026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010

Scirocco II (53B) '08/80-'07/92

1.1 (37 kW) Eng.FA/FJ	80-83	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.3 (44 kW) Eng.GF	80-83	PA148		•		052 121 004/V/X,052 121 005/A 052 121 019
1.5 (51 kW) Eng.JB	80-83	PA146				056 121 005A,068 121 005/B/C/X
	80-83	PA546				026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010



PA146



PA279



PA546



PA579



PA617



PA655



PA762



PA764



PA878



PA879



PA982

		GRAF ref.			NOTE	Ad. OE
1.6 (63 kW) Eng.FR	80-84	PA146				056 121 005A,068 121 005/B/C/X
	80-84	PA546				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 005A,068 121 005/B/C/X
	80-82	PA546				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,037 121 005C 068 121 005A
	83-92	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (70 kW) Eng.JH	85-92	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	85-92	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (82 kW) Eng.EV/PB/DX	82-89	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	82-89	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 16v (95 kW) Eng.PL	86-92	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	86-92	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 16v (102 kW) Eng.KR	85-89	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	85-89	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX

Sharan (7M8, 7M9) '09/95-

1.8 T 20v (110 kW) Eng.AJH/AWC	97-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
1.9 TDI (66 kW) Eng.AHU/ANU	95-	PA762		•		038 121 011C/D
1.9 TDI (81 kW) Eng.AFN/AVG	96-00	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	96-00	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 TDI (96 kW) Eng.ASZ	02-03	PA762		•		038 121 011C/D
	03-	PA879		•		045 121 011F/H
1.9 TDI (110 kW) Eng.BTB	05-	PA879		•		045 121 011F/H
1.9 TDI, 4motion (85 kW) Eng.AUY	00-	PA762		•		038 121 011C/D
1.9 TDi (66 kW) Eng.1Z	95-	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	95-	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 (85 kW) Eng.ADY/ATM	95-00	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	95-00	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
	00-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
2.0 TDI (103 kW) Eng.BKD/BRT	06-	PA878		•		038 121 011G
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

Touareg (7LA) '10/02-

2.5 R5 TDI (128 kW) Eng.BAC	03-	PA982				070 121 011A/C/D
3.0 V6 TDI (165 kW) Eng.BKS	04-	PA655		•		06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
4.2 V8 (228 kW) Eng.AXQ/BHX	02-	PA764		•		077 121 004M/MX/N



PA279



PA425



PA579



PA603



PA609



8 Pale / Vane

PA879



8 Pale / Vane

PA904



8 Pale / Vane

PA905



PA954

		GRAF ref.			NOTE	Ad. OE
Touran '02/03-						
1.6 (75 kW) Eng.BGU/BSF/BSE	03-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 FSI (85 kW) Eng.BAG/BLP/BLF	03-	PA954				03C 121 005D
1.9 TDI (66 kW) Eng.BRU	04-	PA879		•		045 121 011F/H
1.9 TDI (74 kW) Eng.AVQ	03-	PA879		•		045 121 011F/H
1.9 TDI (77 kW) Eng.BKC	03-	PA879		•		045 121 011F/H
2.0 FSI (110 kW) Eng.BLX/BLY/BLR/AXW	03-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
2.0 TDI (100 kW) Eng.AZV	03-	PA905		•		038 121 011H,03G 121 011
2.0 TDI (103 kW) Eng.BKD	03-	PA905		•		038 121 011H,03G 121 011
2.0 TDI (125 kW) Eng.BMN	05-	PA905		•		038 121 011H,03G 121 011
Vento (1H2) '11/91-'09/98						
1.4 (40 kW) Eng.ABD	91-98	PA425		•		030 121 004A/B/,030 121 005H/L/LV/LX
1.4 (40 kW) Eng.AEX	91-98	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
1.4 (44 kW) Eng.ABD	91-98	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
1.6 (55 kW) Eng.ABU	92-98	PA425		•		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
1.6 (74 kW) Eng.AFT/AEK	94-98	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	94-98	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (55 kW) Eng.AAM	91-98	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-98	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 GT (66 kW) Eng.ADZ/ABS	91-98	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-98	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 D (48 kW) Eng.1Y	91-98	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-98	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 SDI (47 kW) Eng.AEY	97-98	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	97-98	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
	97-98	PA609				028 121 004/V/X
1.9 TD (55 kW) Eng.AAZ	91-98	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-98	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 TDI (66 kW) Eng.ALE/AHU	93-98	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	93-98	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 TDI (81 kW) Eng.AFN	96-98	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	96-98	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 TDi (66 kW) Eng.1Z	10/93-95	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A



PA279



PA579



PA603



PA609



PA617



PA674



PA731

		GRAF ref.			NOTE	Ad. OE
1.9 TDi (66 kW) Eng.1Z	10/93-95	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
	95-98	PA609				028 121 004/V/X
2.0 (85 kW) Eng.AKR/AGG/ADY/2E	91-98	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-98	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 GTi 16v (110 kW)	91-98	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	91-98	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.8 VR6 (128 kW) Eng.AAA	92-98	PA617	•			021 121 004/A

VOLKSWAGEN LCV

Caddy I (14) '08/82-'07/92						
1.5 (51 kW) Eng.JB	82-83	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	82-83	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (55 kW) Eng.EM/EW	83-92	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	83-92	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 D (40 kW) Eng.JK/ME	82-92	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	82-92	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.8 (70 kW) Eng.JH	85-92	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	85-92	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
Caddy II (9K9) '11/95-'01/04						
1.4 (44 kW) Eng.AEX/AKV/APQ/AUD	95-04	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
1.4 (55 kW) Eng.AUA	00-04	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.6 (55 kW) Eng.1F	95-00	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	95-00	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (55 kW) Eng.AEE	95-00	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
1.7 SDI (42 kW) Eng.AHB	96-00	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	96-00	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 D (47 kW) Eng.1Y	95-04	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	95-04	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 SDI (47 kW) Eng.AEY/AYQ	95-04	PA279	•		Eng. AEY	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	95-04	PA579			Eng. AEY / w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
	95-04	PA731	•		Eng. AYQ	038 121 011/A/AV/AX



PA102



PA233



PA279



PA384



PA579



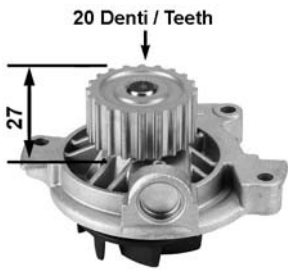
PA603



PA674



PA731



PA758



PA879



PA904

		GRAF ref.			NOTE	Ad. OE
1.9 TDI (66 kW) Eng.AHU/ALE	96-04	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	96-04	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX

Caddy II (9U7) Pick-Up '11/95-'02/04

1.4 (44 kW) Eng.AEX/AKV/APQ/AUD	95-04	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
1.4 (55 kW) Eng.AUA	00-04	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.6 (55 kW) Eng.1F	95-04	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	95-04	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 (55 kW) Eng.AEE	95-04	PA603		•		030 121 005N/NV/NX/T/TX,030 121 008D
1.7 SDI (42 kW) Eng.AHB	96-04	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	96-04	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 D (47 kW) Eng.1Y/AEF	95-04	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	95-04	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 SDI (47 kW) Eng.AEY/AYQ	95-04	PA279	•		Eng. AEY	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	95-04	PA579			Eng. AEY / w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
	95-04	PA731		•	Eng. AYQ	038 121 011/A/AV/AX
1.9 TDI (66 kW) Eng.AHU/ALE	96-04	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	96-04	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX

Caddy III (2KA, KB) '03/04-

1.4 (55 kW) Eng.BCA	04-	PA674		•		036 121 005B/E/Q/QX/S,036 121 008K
1.6 (74 kW) Eng.BRY	05-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.6 (75 kW) Eng.BGU	04-	PA904		•		06B 121 011/A/B/BV/BX/C/CV 06B 121 011CX/E/EV/EX/H/L
1.9 TDI (77 kW) Eng.BJB	04-	PA879		•		045 121 011F/H
2.0 SDI (51 kW) Eng.BDJ	04-	PA879		•		045 121 011F/H

Crafter (2E) '04/06-

2.5 TDI (65 kW) Eng.BJJ	06-	PA879		•		045 121 011F/H
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LT I 28-35 (281-363) '04/75-'06/96

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	PA102		•		069 121 004V/X,069 121 005D
2.4 D (55 kW) Eng.CP/DW	79-92	PA102		•		069 121 004V/X,069 121 005D
2.4 TD (68 kW) Eng.1G	88-92	PA102		•		069 121 004V/X,069 121 005D
2.4 TD (70 kW) Eng.ACL	92-96	PA758		•	w/RB	074 121 004A/V/X,074 121 005N 077 121 004F/FV/FX/H
2.4 TD (75 kW) Eng.DV	86-92	PA102		•		069 121 004V/X,069 121 005D
2.4 i (69 kW) Eng.1E	94-96	PA384		•		073 121 004V/X,073 121 005
2.7 D (48 kW) Eng.CG	75-80	PA233				048 121 011,060 121 011

LT I 40-55 (291-293-512-909) '04/75-'06/96

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	PA102		•		069 121 004V/X,069 121 005D
2.4 D, 4WD (55 kW) Eng.CP/DW	78-91	PA102		•		069 121 004V/X,069 121 005D
2.4 TD (68 kW) Eng.1G	88-92	PA102		•		069 121 004V/X,069 121 005D

PA102	PA146	PA148	PA279
PA384	PA423	PA425	PA486
PA546	PA603	PA609	PA655
PA677	PA758	PA767	PA771
PA979	PA982	PA1010	PA1011

		GRAF ref.			NOTE	Ad. OE
2.4 TD (70 kW) Eng.ACL	92-96	PA758			• w/RB	074 121 004/A/V/X,074 121 005N 077 121 004F/FV/FX/H
2.4 TD, 4WD (75 kW) Eng.DV	78-92	PA102			•	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, 4WD (66 kW) Eng.DL	82-92	PA384			•	073 121 004V/X,073 121 005

LT II 28-46 (2DX0AE, FE, 2DM) '05/96-

2.3 (105 kW) Eng.AGL	96-	PA677				00A 121 010/A
2.5 SDI (55 kW) Eng.AGX	96-	PA758			• w/RB	074 121 004/A/V/X,074 121 005N 077 121 004F/FV/FX/H
2.5 TDI (61 kW) Eng.BBE	96-	PA758			• w/RB	074 121 004/A/V/X,074 121 005N 077 121 004F/FV/FX/H
2.5 TDI (66 kW) Eng.APA	96-	PA758			• w/RB	074 121 004/A/V/X,074 121 005N 077 121 004F/FV/FX/H
2.5 TDI (70 kW) Eng.BBF	96-	PA758			• w/RB	074 121 004/A/V/X,074 121 005N 077 121 004F/FV/FX/H
2.5 TDI (75 kW) Eng.AHD	96-99	PA758			• w/RB	074 121 004/A/V/X,074 121 005N 077 121 004F/FV/FX/H
2.5 TDI (80 kW) Eng.AVR/ANJ	96-	PA758			• w/RB	074 121 004/A/V/X,074 121 005N 077 121 004F/FV/FX/H
2.8 TDI (92 kW) Eng.AGK	97-98	PA1010	•			062 121 010
2.8 TDI (96 kW) Eng.ATA	99-	PA1010	•			062 121 010
2.8 TDI (116 kW) Eng.AUH	02-	PA1011			w/BH	062 121 010A

Multivan V (7HM) '04/03-

1.9 TDI (77 kW) Eng.AXB	03-	PA979				06E 121 005D/F
2.0 (85 kW) Eng.AXA	03-	PA655			•	06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
2.5 TDI, 4motion (96 kW) Eng.AXD	04-	PA982				070 121 011A/C/D
2.5 TDI, 4motion (128 kW) Eng.AXE	04-	PA982				070 121 011A/C/D

Polo Van (6NF) '10/94-

1.0 (33 kW) Eng.AAU	94-	PA425			•	030 121 004A/B,030 121 005H/LV/LX
1.4 (44 kW) Eng.APQ/AEX	98-	PA603			•	030 121 005N/NV/NX/T/TX,030 121 008D
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

Polo Van (86CF) '01/81-'09/94

1.0 (33 kW) Eng.AAU	81-92	PA148			•	052 121 004/V/X,052 121 005/A 052 121 019
	92-94	PA425			•	030 121 004A/B,030 121 005H/LV/LX
1.3 (40 kW) Eng.AAV	81-92	PA148			•	052 121 004/V/X,052 121 005/A 052 121 019
	92-94	PA425			•	030 121 004A/B,030 121 005H/LV/LX
1.4 D (35 kW) Eng.1W	81-94	PA423			•	031 121 004/A/X/AV/AX 031 121 005A/C/CV/CX

Taro '04/89-'03/97

1.8 (61 kW) Eng.2Y	89-94	PA771				J16100-79035/6/7
2.2 (69 kW) Eng.4Y	89-94	PA771				J16100-79035/6/7
2.4 D, 4WD (58-61 kW) Eng.2L	89-97	PA767				-
2.4 i 4WD (84 kW) Eng.22R	89-97	PA486				J16100 39346

Transporter II '08/67-'07/79

1.6 (37 kW) Eng.AE/AH/AS/AD	68-79	PA146				056 121 005A,068 121 005/B/C/X
	68-79	PA546				026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010

Transporter III '05/79-'07/92

1.6 (37 kW) Eng.CT	79-81	PA146				056 121 005A,068 121 005/B/C/X
	79-81	PA546				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,037 121 005C 068 121 005A



PA146



PA279



PA319



PA320



PA344



PA546



PA579

		GRAF ref.			NOTE	Ad. OE
1.6 (37 kW) Eng.CT	82-12/82	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 D (37 kW) Eng.CS	81-87	PA146			Eng. -215895	056 121 005A,068 121 005/B/C/X
	81-87	PA546			Eng. -215895	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	81-87	PA279	•		Eng. 215896-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	81-87	PA579			w/BH, Eng. 215896-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.6 TD, Syncro (51 kW) Eng.JX	84-92	PA146			Eng. -012052	056 121 005A,068 121 005/B/C/X
	84-92	PA546			Eng. -012052	026 121 010A/AV/D/DV/DX,055 121 010/X 056 121 011,056 121 013A,068 121 010
	84-92	PA279	•		Eng. 012053-	026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	84-92	PA579			w/BH, Eng. 012053-	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.7 D (42 kW) Eng.KY	89-92	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	89-92	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 (44 kW) Eng.DF	8/85-92	PA320				025 121 010B,025 121 010BV 025 121 010BX
	82-7/85	PA319				025 121 010A,025 121 010AV 025 121 010AX
1.9 (61 kW) Eng.DH	8/85-89	PA320				025 121 010B,025 121 010BV 025 121 010BX
	83-7/85	PA319				025 121 010A,025 121 010AV 025 121 010AX
1.9 (66 kW) Eng.GW	8/85-89	PA320				025 121 010B,025 121 010BV 025 121 010BX
	83-7/85	PA319				025 121 010A,025 121 010AV 025 121 010AX
1.9, Syncro (57 kW) Eng.DG	8/85-92	PA320				025 121 010B,025 121 010BV 025 121 010BX
	82-7/85	PA319				025 121 010A,025 121 010AV 025 121 010AX
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) '07/90-

1.8 (49 kW) Eng.PD	90-92	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	90-92	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 D (44-45 kW) Eng.1X	90-03	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	90-03	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
1.9 TD (50 kW) Eng.ABL	92-03	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	92-03	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX
2.0 (62 kW) Eng.AAC	90-03	PA279	•			026 121 005A/C/E/G/H,037 121 005C 068 121 005A
	90-03	PA579			w/BH	026 121 010/C/CV/CX/F/FV/FX/V 026 121 010X,037 121 010/A/C 068 121 010A/AX



PA085



PA114



PA312



PA424



PA617



PA655



PA758



PA879



PA982

		GRAF ref.			NOTE	Ad. OE
2.4 D (55 kW) Eng.AJA	97-	PA758			• w/RB	074 121 004/AV/X,074 121 005N 077 121 004F/FV/FX/H
2.4 D, Syncro (57 kW) Eng.AAB	9/90-96	PA424			• Eng. -320128	023 121 004/V/X
	96-4/03	PA758			• w/RB, Eng. 320128-	074 121 004/AV/X,074 121 005N 077 121 004F/FV/FX/H
2.5 (81 kW) Eng.ACU/AAF	90-03	PA424			• Ch -F70N014000	023 121 004/V/X
	90-03	PA758			• w/RB, Ch F70N014001-	074 121 004/AV/X,074 121 005N 077 121 004F/FV/FX/H
2.5 (81 kW) Eng.AEN/AEU	90-03	PA758			• w/RB	074 121 004/AV/X,074 121 005N 077 121 004F/FV/FX/H
2.5 (85 kW) Eng.AET/APL/AVT	96-03	PA758			• w/RB	074 121 004/AV/X,074 121 005N 077 121 004F/FV/FX/H
2.5 Syncro (81 kW) Eng.ACU/AAF	90-03	PA424			• Ch -F70N014000	023 121 004/V/X
	90-03	PA758			• w/RB, Ch F70N014001-	074 121 004/AV/X,074 121 005N 077 121 004F/FV/FX/H
2.5 Syncro (81 kW) Eng.AEN/AEU	90-03	PA758			• w/RB	074 121 004/AV/X,074 121 005N 077 121 004F/FV/FX/H
2.5 Syncro (85 kW) Eng.AET/APL/AVT	96-03	PA758			• w/RB	074 121 004/AV/X,074 121 005N 077 121 004F/FV/FX/H
2.5 TDI (65 kW) Eng.AYY/AJT	98-03	PA758			• w/RB	074 121 004/AV/X,074 121 005N 077 121 004F/FV/FX/H
2.5 TDI (75 kW) Eng.ACV/AUF/AYC	95-03	PA758			• w/RB	074 121 004/AV/X,074 121 005N 077 121 004F/FV/FX/H
2.5 TDI Syncro (75 kW) Eng.ACV/AUF/AYC	95-03	PA758			• w/RB	074 121 004/AV/X,074 121 005N 077 121 004F/FV/FX/H
2.8 V6 (150 kW) Eng.AMV	00-	PA617	•			021 121 004/A
2.8 VR 6 (103 kW) Eng.AES	95-00	PA617	•			021 121 004/A

Transporter V (7HA, HB, HH, HJ, JD, JE, JL) '04/03-

1.9 TDI (63 kW) Eng.AXC	03-	PA879			•	045 121 011F/H
1.9 TDI (77 kW) Eng.AXB	03-	PA879			•	045 121 011F/H
2.0 (85 kW) Eng.AXA	03-	PA655			•	06A 121 011C/E/F/G/H/HV/HX 06A 121 011L/LV/LX/T,06A 121 012
2.5 TDI, 4motion (96 kW) Eng.AXD	03-	PA982				070 121 011A/C/D
2.5 TDI, 4motion (128 kW) Eng.AXE	03-	PA982				070 121 011A/C/D

140 (142, 144, 145), SW '08/66-'08/75

1.8 (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 (91 kW) Eng.B20E	-74	PA085				418327,419689,419691
2.0 S (74 kW) Eng.B20B	-74	PA085				418327,419689,419691
2.0 S (85 kW) Eng.B20F	-74	PA085				418327,419689,419691

240 (P242, 244, 245), SW '08/74-'08/93

1.8 Eng.B17A	79-84	PA114				270681,275619,463425
2.0 (60 kW) Eng.B20A	74-76	PA312				1326342,270559,271275,271830,271975
2.0 (76 kW) Eng.B200K	85-93	PA312				1326342,270559,271275,271830,271975
2.0 (100 kW) Eng.B19ET	77-93	PA114				270681,275619,463425
2.0 (66-71 kW) Eng.B19A	77-93	PA114				270681,275619,463425
2.0 SW (86 kW)	85-93	PA312				1326342,270559,271275,271830,271975
2.1 (90 kW) Eng.B21E	75-85	PA114				270681,275619,463425
2.1 (71-74-79 kW) Eng.B21A	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 kW) Eng.B230A	84-91	PA312				1326342,270559,271275,271830,271975
2.3 (82 kW) Eng.B23A	79-84	PA114				270681,275619,463425
2.3 (83 kW) Eng.B230F	84-91	PA312				1326342,270559,271275,271830,271975
2.3 (85 kW) Eng.B230K	84-91	PA312				1326342,270559,271275,271830,271975
2.3 (96 kW) Eng.B230E	84-91	PA312				1326342,270559,271275,271830,271975
2.3 (98 kW) Eng.B23E	79-84	PA114				270681,275619,463425
2.3 (100 kW) Eng.B23E	79-84	PA114				270681,275619,463425
2.3 (Exc. SW) (103 kW) Eng.B23E	79-84	PA114				270681,275619,463425



PA081



PA102



PA114



PA282



PA312



PA314



PA331



PA360



PA531



PA581

		GRAF ref.			NOTE	Ad. OE
2.3 SW Kat (100 kW) Eng.B230F	84-91	PA312				1326342,270559,271275,271830,271975
2.3 i Kat (85 kW) Eng.B230F	84-91	PA312				1326342,270559,271275,271830,271975
2.4 D (58-60 kW) Eng.D24	79-90	PA102		•		1257185,271613
2.7 GLT6 (Exc. SW) (104 kW) Eng.B27E	79-82	PA360				1218158

260 (P262, 264, 265), SW '08/74-'07/82

2.7 (92 kW) Eng.B27A	79-82	PA360				1218158
2.7 (109 kW)	78-82	PA360				1218158
2.7, Coupé (103 kW) Eng.B27E	79-82	PA360				1218158

340-360 (343, 345, 344) '08/75-'07/91

1.4 (46-47 kW) Eng.B14.3E	76-82	PA081		Ch -609999	3267343
	76-82	PA581		Ch -609999	3100979
	-91	PA282		Ch 610000-	3287335,3344250
1.4 (50-51-52 kW) Eng.B14.4S	76-82	PA081		Ch -609999	3267343
	76-82	PA581		Ch -609999	3100979
	-91	PA282		Ch 610000-	3287335,3344250
1.6 D (40 kW) Eng.D16	85-90	PA531			30855991,3287751,3343093,3344251 3345626
1.7 (59-67 kW) Eng.B172K	83-90	PA531			30855991,3287751,3343093,3344251 3345626
2.0 (70 kW) Eng.B19A		PA114		Ch -810500	270681,275619,463425
2.0 (77 kW) Eng.B200K	85-90	PA314			1336029,3344252
2.0 (87 kW) Eng.B200E	85-90	PA314			1336029,3344252
2.0 (65-68 kW) Eng.B19A		PA114		Ch -810500	270681,275619,463425
2.0 (80-81-82 kW) Eng.B200F	85-90	PA314			1336029,3344252
2.0 (83-85 kW) Eng.B19E	-84	PA331		Ch 810501-	3283043

440 K (445) '08/88-'12/96

1.6 (61 kW) Eng.B16F	88-96	PA531			30855991,3287751,3343093,3344251 3345626
1.7 (64 kW) Eng.B18KP	88-96	PA531			30855991,3287751,3343093,3344251 3345626
1.7 (70 kW) Eng.B18F	88-96	PA531			30855991,3287751,3343093,3344251 3345626
1.7 (75 kW) Eng.B18FP	88-96	PA531			30855991,3287751,3343093,3344251 3345626
1.7 (78 kW) Eng.B18EP	88-96	PA531			30855991,3287751,3343093,3344251 3345626
1.7 T. (88-90 kW) Eng.B18FT	88-96	PA531			30855991,3287751,3343093,3344251 3345626
1.8 (66 kW) Eng.B18U	88-96	PA531			30855991,3287751,3343093,3344251 3345626
1.9 TD (66 kW) Eng.D19T	94-96	PA531			30855991,3287751,3343093,3344251 3345626
2.0 (80-81 kW) Eng.B20F	88-96	PA531			30855991,3287751,3343093,3344251 3345626

460 L (464) '09/88-'07/96

1.6 (61 kW) Eng.B16F	92-63	PA531			30855991,3287751,3343093,3344251 3345626
1.7 (64 kW) Eng.B18KP	88-96	PA531			30855991,3287751,3343093,3344251 3345626
1.7 (66 kW)	90-96	PA531			30855991,3287751,3343093,3344251 3345626
1.7 (80 kW)	89-92	PA531			30855991,3287751,3343093,3344251 3345626
1.7 (70-75-78 kW) Eng.B18EP	89-92	PA531			30855991,3287751,3343093,3344251 3345626
1.7 T. (88 kW) Eng.B18FT	89-96	PA531			30855991,3287751,3343093,3344251 3345626
1.7 T. (90 kW) Eng.B18FT	91-96	PA531			30855991,3287751,3343093,3344251 3345626
1.8 (66 kW) Eng.B18U	91-96	PA531			30855991,3287751,3343093,3344251 3345626



PA081



PA102



PA114



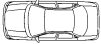



PA312



PA531



PA581

		GRAF ref.			NOTE	Ad. OE
1.9 TD (66 kW) Eng.D19T	94-96	PA531				30855991,3287751,3343093,3344251 3345626
2.0 (80-81 kW) Eng.B20F	92-96	PA531				30855991,3287751,3343093,3344251 3345626

480 E '04/86-'07/96

1.7 (70 kW) Eng.B18F	87-89	PA531				30855991,3287751,3343093,3344251 3345626
1.7 (75 kW) Eng.B18EP	89-96	PA531				30855991,3287751,3343093,3344251 3345626
1.7 (78-80 kW) Eng.B18E	86-89	PA531				30855991,3287751,3343093,3344251 3345626
1.7 T. (88-90 kW) Eng.B18FT	87-96	PA531				30855991,3287751,3343093,3344251 3345626
2.0 (80-81 kW) Eng.B20F	92-95	PA531				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				3100979
1.3 GL (42 kW) Eng.B130	75-79	PA081				3267343
	75-79	PA581				3100979

740 (744, 745) '08/83-'08/92

2.0 (76 kW) Eng.B200K	88-90	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 (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
2.3 (82 kW) Eng.B230A	85-86	PA312				1326342,270559,271275,271830,271975
2.3 (84 kW) Eng.B23A	84-90	PA312				1326342,270559,271275,271830,271975
2.3 (86 kW) Eng.B230K	85-90	PA312				1326342,270559,271275,271830,271975
2.3 (95 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 (100 kW) Eng.B230FB	88-90	PA312				1326342,270559,271275,271830,271975
2.3 (111-114-117 kW) Eng.B234F	87-92	PA312				1326342,270559,271275,271830,271975
2.3 (83-85 kW) Eng.B230F	85-92	PA312				1326342,270559,271275,271830,271975
2.3 T. (115 kW) Eng.B230FT	86-89	PA312				1326342,270559,271275,271830,271975
2.3 T. (121 kW) Eng.B230GT/FT	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 kW) Eng.B230FT	89-90	PA312				1326342,270559,271275,271830,271975
2.4 D (60 kW) Eng.D24	84-92	PA102		•		1257185,271613
2.4 TD (80 kW) Eng.D24T	85-92	PA102		•		1257185,271613
2.4 TD (83 kW)	84-90	PA102		•		1257185,271613
2.4 TD Interc. (90 kW) Eng.D24TIC	86-88	PA102		•		1257185,271613

740 (744, 745) SW '08/84-'08/92

2.0 (76 kW) Eng.B200K	88-90	PA312				1326342,270559,271275,271830,271975
2.0 (82 kW) Eng.B200F	89-91	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
2.3 (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 (100 kW) Eng.B230FB	88-90	PA312				1326342,270559,271275,271830,271975
2.3 (111-114-117 kW) Eng.B234F	87-92	PA312				1326342,270559,271275,271830,271975
2.3 (83-85 kW) Eng.B230F	85-92	PA312				1326342,270559,271275,271830,271975
2.3 T. (115 kW) Eng.B230FT	86-89	PA312				1326342,270559,271275,271830,271975
2.3 T. (121 kW) Eng.B230GT/FT	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 kW) Eng.B230FT	89-90	PA312				1326342,270559,271275,271830,271975
2.4 D (60 kW) Eng.D24	84-92	PA102		•		1257185,271613
2.4 TD (80 kW) Eng.D24T	85-92	PA102		•		1257185,271613
2.4 TD Interc. (90 kW) Eng.D24TIC	86-88	PA102		•		1257185,271613

			
<p>PA102</p>	<p>PA114</p>	<p>PA312</p>	<p>PA666</p>
			
<p>PA749</p>	<p>PA758</p>		

		GRAF ref.			NOTE	Ad. OE
760 (704, 764, 765) '08/81-'07/92						
2.3 (119 kW) Eng.B230FT	88-92	PA312				1326342,270559,271275,271830,271975
2.3 T. (127 kW) Eng.B23ET	82-84	PA114				270681,275619,463425
2.3 T. (134 kW) Eng.B230ET	84-90	PA312				1326342,270559,271275,271830,271975
2.4 D (60 kW) Eng.D24	82-92	PA102		•		1257185,271613
2.4 TD (82 kW) Eng.D24T	87-92	PA102		•		1257185,271613
2.4 TD Interc. (85 kW) Eng.D24TIC	87-92	PA102		•		1257185,271613
760 (704, 764, 765) SW '08/81-'07/92						
2.3 16v (83-96-110 kW)	86-92	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	PA102		•		1257185,271613
2.4 TD (82 kW) Eng.D24T	87-92	PA102		•		1257185,271613
2.4 TD Interc. (85 kW) Eng.D24TIC	87-92	PA102		•		1257185,271613
850 (LS, LW), SW '06/91-'12/96						
2.0 (93 kW) Eng.B5202S	94-96	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.0 20v (105 kW) Eng.B5204F	91-96	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.0 T. (155 kW) Eng.B5204T	93-96	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.3 T5 (166 kW) Eng.B5234FT	93-96	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.3 T5-R (184 kW) Eng.B5234T4	95-96	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 AWD SW (142 kW) Eng.B5254T	4/96-12/96	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 T. (125 kW) Eng.B5254S	92-96	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 TDI (103 kW) Eng.D5252T	95-96	PA758		•	w/RB	271768,274155
940 I (944, 945), SW '08/90-'07/95						
2.0 (82 kW) Eng.B200F	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 (85 kW) Eng.B230FD	92-94	PA312				1326342,270559,271275,271830,271975
2.3 (96 kW) Eng.B230FB	90-94	PA312				1326342,270559,271275,271830,271975
2.3 (114 kW) Eng.B234F	90-91	PA312				1326342,270559,271275,271830,271975
2.3 T. (121 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 TD Interc. (90 kW) Eng.D24TIC	90-94	PA102		•	Ch -30003	1257185,271613
	90-94	PA758		•	w/RB, Ch 30004-	271768,274155
940 II (944, 945), SW '08/94-'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 (96 kW) Eng.B230FB	94-98	PA312				1326342,270559,271275,271830,271975
2.3 T. (121 kW) Eng.B230FT	94-98	PA312				1326342,270559,271275,271830,271975
2.3 T. SW (126 kW) Eng.B230FT	95-98	PA312				1326342,270559,271275,271830,271975
2.3 ti (99 kW) Eng.B230FK	95-98	PA312				1326342,270559,271275,271830,271975
2.4 TD Interc. (90 kW) Eng.D24TIC	94-98	PA102		•	Ch -30003	1257185,271613
	94-98	PA758		•	w/RB, Ch 30004-	271768,274155
960 I (964, 965), SW '08/90-'07/94						
2.0 (103 kW) Eng.B204E	90-93	PA312				1326342,270559,271275,271830,271975
2.0 (140 kW) Eng.B204FT	90-93	PA312				1326342,270559,271275,271830,271975
2.4 TD Interc. (85 kW) Eng.D24TIC	91-94	PA102		•	Ch -30003	1257185,271613
	91-94	PA758		•	w/RB, Ch 30004-	271768,274155
2.9 (150 kW) Eng.B6304F/S	90-94	PA749		•		271647,271985,271986,272457,272476 272481,30751700
960 II (964, 965), SW '07/94-'12/96						
2.9 (150 kW) Eng.B6304S	94-96	PA666		•		271984,272482



PA085



PA531



PA612



PA732



PA749



PA822



PA861



PA903



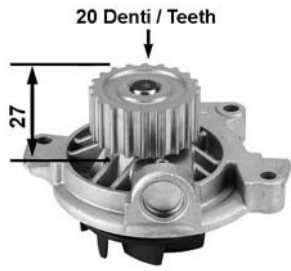
n° 19 Denti/Teeth

PA938

		GRAF ref.			NOTE	Ad. OE
C70 Coupe, Cabrio '03/97-						
2.0 T (166 kW) Eng.B5204T3	97-02	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.3 T5 (176 kW) Eng.B5234T3	97-02	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4 Cabrio (103 kW)	06-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4 T Cabrio (147 kW) Eng.B5244T7	02-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 T (142 kW) Eng.B5254T	97-02	PA749		•		271647,271985,271986,272457,272476 272481,30751700
D5 Cabrio (132 kW)	06-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
T5 Cabrio (162 kW)	06-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
P 121 '05/59-'05/71						
1.8 (50 kW) Eng.B18A	61-66	PA085				418327,419689,419691
1.8 (55 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 '05/59-'05/71						
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 (59 kW) Eng.B18	61-67	PA085				418327,419689,419691
2.0 (74 kW) Eng.B20B	68-71	PA085				418327,419689,419691
S40 I / V40 (VW, VS) '07/95-'01/04						
1.6 (77 kW) Eng.B4164S	95-99	PA749		•		271647,271985,271986,272457,272476 272481,30751700
1.6 (80 kW) Eng.B4164S2	99-03	PA749		•		271647,271985,271986,272457,272476 272481,30751700
1.8 (85 kW) Eng.B4184S	95-99	PA749		•		271647,271985,271986,272457,272476 272481,30751700
1.8 i (92 kW) Eng.B4184SM	98-04	PA732		•		30874316
1.8, i (90 kW) Eng.B4184S2/S9	99-04	PA749		•		271647,271985,271986,272457,272476 272481,30751700
1.9 DI (70 kW) Eng.D4192T2	99-00	PA531				30855991,3287751,3343093,3344251 3345626
1.9 DI (75 kW) Eng.D4192T4	00-03	PA822		•		30620725
1.9 DI (85 kW) Eng.D4192T3	00-03	PA822		•		30620725
1.9 T4 (147 kW) Eng.B4194T/T2	97-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
1.9 TD (66 kW) Eng.D4192T	95-99	PA531				30855991,3287751,3343093,3344251 3345626
2.0 (100 kW) Eng.B4204S	95-04	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.0 (103 kW) Eng.B4204S	95-99	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.0 T (118 kW) Eng.B4204T	97-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.0 T (120 kW) Eng.B4204T3	01-03	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.0 T (121 kW) Eng.B4204T3	00-01	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.0 T4 (147 kW) Eng.B4204T5	00-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
S40 II / V50 '01/04-						
1.6 (74 kW) Eng.B4164S3	05-	PA612				30735758
1.6 D (81 kW)	05-	PA938		•		30711527,30751971
1.8 (92 kW) Eng.B4184S11	04-	PA903				30731312,30777590
2.0 D (100 kW)	04-	PA861		•		8653806



PA749



PA758



PA824



PA898

		GRAF ref.			NOTE	Ad. OE
2.4 (103 kW) Eng.B5244S5	04-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4 (Exc. SW) (125 kW) Eng.B5244S	04-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 T5 (162 kW) Eng.B5254T3	04-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 T5 AWD (162 kW) Eng.B5254T3	04-	PA749		•		271647,271985,271986,272457,272476 272481,30751700

S60 '11/00-



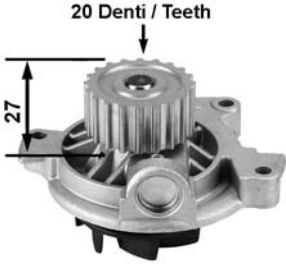
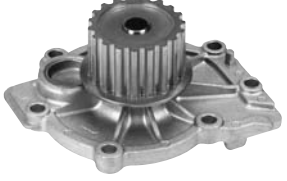


2.0 T (132 kW)	01-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.3 T5 (184 kW) Eng.B5234T3	00-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4 (125 kW) Eng.B5244S	00-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4 D (96 kW) Eng.D5244T2	01-	PA824		•		274216,8694630
2.4 D5 (120 kW) Eng.D5244T	01-	PA824		•		274216,8694630
2.4 T (147 kW) Eng.B5244T3	00-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4 T AWD (147 kW) Eng.B5244T3	01-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4 T5 (191 kW) Eng.B5244T5	04-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4, Bifuel (103 kW) Eng.B5244S2	00-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 T (154 kW) Eng.B5254T2	04-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 T AWD (154 kW) Eng.B5254T2	04-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 T AWD R (221 kW) Eng.B5254T2	03-	PA749		•		271647,271985,271986,272457,272476 272481,30751700

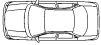



S70 '01/97-'11/00

2.0 (93 kW) Eng.B5202S	97-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.0 T. (155 kW) Eng.B5204T	97-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.3 T-5 (176 kW) Eng.B5234T3	97-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.3 T. (184 kW) Eng.B5234FT+	97-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4, Bifuel (103 kW) Eng.B5244SG	99-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 (121 kW)	98-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 TDI (103 kW) Eng.D5252T	97-00	PA758		•	w/RB	271768,274155

S80 I '05/98-

2.0 (120 kW) Eng.B5204T4	98-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.3 20v T Eng.B5234T	99-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4 (125 kW) Eng.B5244S	99-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4 D (96 kW) Eng.D5244T2	01-	PA824		•		274216,8694630
2.4 D5 (120 kW) Eng.D5244T	01-	PA824		•		274216,8694630
2.4 T (147 kW) Eng.B5244T3	00-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4, Bifuel (103 kW) Eng.B5244S2,G2	99-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 T, AWD (154 kW) Eng.B5254T2	03-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 TDI (103 kW) Eng.D5252T	1/03-	PA898		•		8692839
	99-12/02	PA758		•	w/RB	271768,274155
2.8 T6 (200 kW) Eng.B6284T	02-	PA824		•		274216,8694630

		 <p>20 Denti / Teeth 27</p>	
<p>PA666</p>	<p>PA749</p>	<p>PA758</p>	<p>PA824</p>
	 <p>18 Denti/Teeth</p>		
<p>PA865</p>	<p>PA898</p>		

		GRAF ref.			NOTE	Ad. OE
2.8 T6 (200 kW) Eng.B6284T	5/98-02	PA865		•		272334,8694627
2.9 (147 kW) Eng.B6294S	02-	PA824		•		274216,8694630
	3/99-02	PA865		•		272334,8694627
2.9 (150 kW) Eng.B6304S3	02-	PA824		•		274216,8694630
	5/98-02	PA865		•		272334,8694627
3.0 (144 kW) Eng.B6294S2	01-02	PA865		•		272334,8694627
	02-	PA824		•		274216,8694630
3.0 T6 (200 kW) Eng.B6294T	01-02	PA865		•		272334,8694627
	02-	PA824		•		274216,8694630

S90 '01/97-'05/98

2.9 (132 kW) Eng.B6304S2	97-98	PA666		•		271984,272482
2.9 (150 kW) Eng.B6304G	97-98	PA666		•		271984,272482

V70 I SW '01/97-'03/00

2.0 (93 kW) Eng.B5202S	97-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.0 (105 kW) Eng.B5204F	97-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.0 (120 kW)	97-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.0 (132 kW) Eng.B5204T2	97-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.0 T. (155 kW) Eng.B5204T	97-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.0 T., AWD (166 kW) Eng.B5204T3	97-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.3 T-5, AWD (176 kW) Eng.B5234T3	97-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.3 T., AWD (184 kW) Eng.B5234FT+	97-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4, Bifuel (103 kW) Eng.B5244SG/GB5244SG	99-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 (121 kW)	98-00	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 TDI (103 kW) Eng.D5252T	97-00	PA758		•	w/RB	271768,274155

V70 II SW '03/00-



2.0 T (132 kW)	01-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.3 T5 (184 kW)	00-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4 (125 kW)	00-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4 D (96 kW) Eng.D5244T2	01-	PA824		•		274216,8694630
2.4 D5, AWD (120 kW) Eng.D5244T	03-	PA824		•		274216,8694630
2.4 T, AWD (147 kW) Eng.B5244T3	01-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4 T5 (191 kW) Eng.B5244T5	04-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.4, Bifuel (103 kW) Eng.B5244SG	01-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 T AWD R (221 kW) Eng.B5254T4	03-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 T, AWD (154 kW) Eng.B5254T2	02-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
2.5 TDI (103 kW) Eng.D5252T	00-	PA898		•		8692839

V90 SW '01/97-'12/98

2.9 (132 kW) Eng.B6304S2	97-98	PA666		•		271984,272482
2.9 (150 kW) Eng.B6304G	97-98	PA666		•		271984,272482

XC70 Cross Country '09/00-

2.4 D5 XC AWD (120 kW) Eng.D5244T	02-	PA824		•		274216,8694630
2.4 T XC AWD (147 kW) Eng.B5244T3	00-02	PA749		•		271647,271985,271986,272457,272476 272481,30751700

			
<p>PA054</p>	<p>PA088</p>	<p>PA554</p>	<p>PA749</p>
			
<p>PA824</p>			

		GRAF ref.			NOTE	Ad. OE
2.5 T XC AWD (154 kW) Eng.B5254T2	02-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
XC90 '10/02-						
2.4 D5 (120 kW) Eng.D5244T	02-	PA824		•		274216,8694630
2.5 T (154 kW) Eng.B5254T2	02-	PA749		•		271647,271985,271986,272457,272476 272481,30751700
3.0 T6 (200 kW) Eng.B6294T	02-	PA824		•		274216,8694630

ZASTAVA
101 (1100) '06/73-'12/93

1.1 (37 kW) Eng.128A.000	75-80	PA054				5882695
	75-80	PA554	•			5882695
1.1 (40 kW) Eng.128A.000	73-90	PA054				5882695
	73-90	PA554	•			5882695
1.1 (41 kW) Eng.128A.064	75-93	PA054				5882695
	75-93	PA554	•			5882695
1.1 Super (47 kW) Eng.128AC5000	79-81	PA054				5882695
	79-81	PA554	•			5882695
1.3 (48 kW)	81-93	PA054				5882695
	81-93	PA554	•			5882695

311 Van '01/83-'01/93

All models	81-90	PA054				5882695
	81-90	PA554	•			5882695

Yugo 45/55/65 '04/80-'06/95

0.9 (33 kW) Eng.100GL	80-92	PA088				4471378
1.1 60 EFI (44 kW) Eng.11E1.064/100GL.0.64	91-95	PA054				5882695
	91-95	PA554	•			5882695
1.3 65 EFI (48 kW) Eng.13E1.064	91-95	PA054				5882695
	91-95	PA554	•			5882695



Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.
ALFA ROMEO		60668487	PA673	035 121 004	PA103	069 121 004V	PA102	1334015	PA236
		60700439	PA306	035 121 004A	PA103	069 121 004X	PA102	1334023	PA441
		60703264	PA306	035 121 004AV	PA103	069 121 005D	PA102	1334024	PA443
105120702400	PA086	60711594	PA086	035 121 004AX	PA103	06A 121 011C	PA655	1334025	PA442
105260702400	PA051	60712573	PA051	035 121 005E	PA103	06A 121 011E	PA655	1334027	PA108
105440702400	PA051	60725124	PA171	036 121 005B	PA674	06A 121 011F	PA655	1334045	PA121
105480702400	PA086	60725766	PA171	036 121 005E	PA674	06A 121 011G	PA655	1334070	PA441
113050702400	PA557	60730469	PA257	036 121 005F	PA765	06A 121 011H	PA655	1334071	PA108
113050702401	PA557	60743945	PA345	036 121 005P	PA765	06A 121 011HV	PA655	1334074	PA121
116080702400	PA171	60744120	PA098	036 121 005Q	PA674	06A 121 011HX	PA655	1334084	PA235
116080702401	PA171	60778982	PA671	036 121 005QX	PA674	06A 121 011L	PA655	1334087	PA121
116080702402	PA171	60778982	PA802	036 121 005S	PA674	06A 121 011LV	PA655	1334097	PA244
116090702400	PA171	60778983	PA671	036 121 008G	PA765	06A 121 011LX	PA655	1334098	PA442
116460702400	PA306	60778983	PA802	036 121 008K	PA674	06A 121 011R	PA980	1334099	PA236
116550702400	PA257	60800169	PA293	037 121 005C	PA279	06A 121 011T	PA655	3469874	PA121
117010702400	PA557	60808756	PA365	037 121 010	PA579	06A 121 012	PA655	90076952	PA441
119000702402	PA306	60810426	PA496	037 121 010A	PA579	06B 121 011	PA904	90091035	PA108
162060702401	PA453	60811328	PA621	037 121 010C	PA579	06B 121 011A	PA904	90096415	PA121
162060702402	PA453	60812262	PA659	038 121 011	PA731	06B 121 011B	PA904	90106450	PA236
195150702400	PA306	60812263	PA667	038 121 011A	PA731	06B 121 011BV	PA904	90106656	PA235
195150702401	PA306	60813207	PA673	038 121 011AV	PA731	06B 121 011BX	PA904	90136382	PA121
195320702402	PA346	60814609	PA672	038 121 011AX	PA731	06B 121 011C	PA904	90144227	PA442
195360702400	PA381	60815559	PA672	038 121 011C	PA762	06B 121 011CV	PA904	90156532	PA244
195510702400	PA345	60816018	PA673	038 121 011D	PA878	06B 121 011CX	PA904	90183273	PA441
195510702401	PA345	71737965	PA496	038 121 011G	PA905	06B 121 011E	PA904	90220568	PA325
195590702400	PA347	71737985	PA494	038 121 011H	PA905	06B 121 011EV	PA904	90234200	PA443
46432248	PA672	71737986	PA101	03C 121 005D	PA954	06B 121 011EX	PA904	90284802	PA235
46515972	PA672	71737989	PA346	03G 121 011	PA905	06B 121 011H	PA904	90284913	PA324
46804051	PA901	71739401	PA957	045 121 011B	PA761	06B 121 011L	PA904	90285418	PA236
510485	PA098	71739779	PA959	045 121 011F	PA879	06C 121 004C	PA881	90325661	PA443
532912	PA101	71741078	PA991	045 121 011H	PA879	06C 121 004G	PA881	90409912	PA108
546329	PA528	71747983	PA991	046 121 004	PA422	06C 121 004H	PA881		
547815	PA101	7708187	PA496	046 121 004D	PA662	06E 121 005D	PA979		
55192898	PA673			046 121 004DV	PA662	06E 121 005F	PA979		
55198357	PA673			046 121 004DX	PA662	06F 121 011	PA980	BMW	
55198358	PA892	ALFA ROMEO LCV		046 121 004V	PA422	074 121 004	PA758		
5973319	PA293			046 121 004X	PA422	074 121 004A	PA758	11 51 0 007 039	PA431
60504407	PA101			048 121 011	PA233	074 121 004V	PA758	11 51 0 007 042	PA570
60513151	PA346	4714636	PA178	050 121 010	PA779	074 121 004X	PA758	11 51 0 007 043	PA604
60513470	PA345	4754850	PA178	050 121 010A	PA779	074 121 005N	PA758	11 51 0 032 679	PA502A
60513608	PA347	4764761	PA178	050 121 010AV	PA779	077 121 004A	PA657	11 51 0 393 336	PA856
60518083	PA557	7301300	PA275	050 121 010AX	PA779	077 121 004F	PA757	11 51 0 393 338	PA430
60523035	PA557	7303009	PA178	050 121 010C	PA779	077 121 004FV	PA757	11 51 0 686 001	PA053
60533509	PA453	7303030	PA275	050 121 010X	PA779	077 121 004FX	PA757	11 51 0 686 901	PA053
60534334	PA306			052 121 004	PA148	077 121 004G	PA657	11 51 1 253 143	PA379
60534335	PA306			052 121 004V	PA148	077 121 004H	PA757	11 51 1 256 600	PA053
60534336	PA306	AUDI		052 121 004X	PA148	077 121 004M	PA764	11 51 1 258 933	PA149
60534758	PA381			052 121 005	PA148	077 121 004MX	PA764	11 51 1 259 660	PA149
60536055	PA101			052 121 005A	PA148	077 121 004N	PA764	11 51 1 263 934	PA379
60537381	PA528	026 121 005A	PA279	052 121 019	PA148	078 121 004B	PA592	11 51 1 267 187	PA115
60555345	PA306	026 121 005C	PA279	054 121 004	PA591	078 121 004BV	PA592	11 51 1 267 583	PA115
60555347	PA346	026 121 005E	PA279	054 121 004A	PA591	078 121 004BX	PA592	11 51 1 271 435	PA243
60555348	PA346	026 121 005F	PA679	054 121 004AV	PA591	078 121 004C	PA592	11 51 1 271 436	PA380
60555999	PA347	026 121 005G	PA279	054 121 004AX	PA591	078 121 004CV	PA592	11 51 1 274 583	PA264
60558613	PA528	026 121 005H	PA279	055 121 010	PA546	078 121 004CX	PA592	11 51 1 284 247	PA270
60559067	PA492	026 121 005K	PA679	055 121 010X	PA546	078 121 004H	PA618A	11 51 1 285 510	PA270
60561800	PA346	026 121 005L	PA679	056 121 005A	PA146	078 121 004HV	PA618A	11 51 1 286 355	PA264
60561806	PA453	026 121 010	PA579	056 121 011	PA546	078 121 004HX	PA618A	11 51 1 286 358	PA264
60562567	PA420A	026 121 010A	PA546	056 121 013A	PA546	078 121 004J	PA618A	11 51 1 286 417	PA380
60563626	PA381	026 121 010AV	PA546	059 121 004B	PA675	078 121 004JV	PA618A	11 51 1 287 367	PA380
60564004	PA420A	026 121 010C	PA579	059 121 004C	PA675	078 121 004JX	PA618A	11 51 1 287 580	PA270
60564048	PA346	026 121 010CV	PA579	059 121 004D	PA675	078 121 004L	PA763	11 51 1 312 539	PA380
60565229	PA345	026 121 010CX	PA579	059 121 004E	PA868	078 121 004Q	PA618A	11 51 1 433 712	PA432A
60565727	PA101	026 121 010D	PA546	059 121 011B	PA145	078 121 004QX	PA618A	11 51 1 433 828	PA432A
60579797	PA492	026 121 010DV	PA546	059 121 011C	PA145	078 121 004R	PA763	11 51 1 704 600	PA570
60585358	PA494	026 121 010DX	PA546	059 121 011D	PA145	078 121 006	PA618A	11 51 1 705 236	PA379
60585362	PA494	026 121 010F	PA579	059 121 011F	PA145	078 121 006A	PA763	11 51 1 705 273	PA379
60586222	PA621	026 121 010FV	PA579	060 121 010X	PA233			11 51 1 706 564	PA243
60586467	PA101	026 121 010FX	PA579	060 121 011	PA233			11 51 1 706 588	PA243
60597487	PA494	026 121 010V	PA579	068 121 005	PA146	BEDFORD			11 51 1 706 624
60604181	PA673	026 121 010X	PA579	068 121 005A	PA279			11 51 1 707 190	PA380
60608898	PA631	028 121 004	PA609	068 121 005B	PA146			11 51 1 707 191	PA380
60611459	PA101	028 121 004V	PA609	068 121 005C	PA146	1334004	PA441	11 51 1 707 192	PA380
60614390	PA101	028 121 004X	PA609	068 121 005X	PA146	1334008	PA325	11 51 1 707 414	PA379
60622295	PA101	034 121 004	PA383	068 121 010	PA546	1334011	PA443	11 51 1 711 492	PA243
60624553	PA101	034 121 004V	PA383	068 121 010A	PA579	1334012	PA236	11 51 1 713 266	PA856
60630271	PA673	034 121 004X	PA383	068 121 010AX	PA579	1334013	PA235	11 51 1 715 292	PA390
60668486	PA892	034 121 005D	PA383	069 121 004	PA102	1334014	PA324	11 51 1 719 836	PA369



Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.
BMW		CHRYSLER		9401201390	PA256	9401201340	PA544	16100-87185	PA555
				9401201480	PA393	9401201390	PA256	16100-87786	PA798
				9451001263	PA628	9401201400	PA544	16100-87787	PA305
11 51 1 720 240	PA681	4667660	PA688	95548541	PA315	9401201480	PA393	16100-87796	PA305
11 51 1 720 609	PA369	4720429	PA420A	95625017	PA348	9451001263	PA628	16100-97205	PA1004
11 51 1 720 892	PA380	4864566	PA671	95641148	PA256	95548541	PA315	16100-97227	PA1004
11 51 1 720 893	PA380	4864566	PA802	95641149	PA393	95575455	PA165	16100-97234	PA1020
11 51 1 721 337	PA390	5080488AA	PA858	95643824	PA393	95625017	PA348	16100-97245	PA1004
11 51 1 721 477	PA264	5080488AB	PA858	95650955	PA391	95641148	PA256	16100-97404	PA826
11 51 1 721 872	PA430	5097159AA	PA711	95655207	PA256	95641149	PA393	16100-B9010	PA826
11 51 1 722 536	PA432A	5097159AC	PA711	95655208	PA348	95643824	PA393		
11 51 1 725 797	PA680	5102893AA	PA711	95655209	PA393	95650955	PA391		
11 51 1 727 123	PA431			95655210	PA393	95655207	PA256	FIAT	
11 51 1 727 468	PA430			95655210	PA256	95655208	PA348		
11 51 1 729 359	PA680			95656567	PA348	95655209	PA393		
11 51 1 729 741	PA681	CITROËN		95656568	PA393	95655210	PA393	11193874	PA984
11 51 1 729 855	PA681			95656569	PA393	95656566	PA256	14359221	PA984
11 51 1 730 414	PA432A	1201.36	PA315	95666768	PA391	95656567	PA348	4065269	PA006
11 51 1 731 680	PA570	1201.37	PA315	96047088	PA542	95656568	PA393	4067807	PA018
11 51 1 734 269	PA431	1201.50	PA348	9608564280	PA491	95656569	PA393	4068101	PA018
11 51 1 734 595	PA430	1201.52	PA391	9617376980	PA628	95666768	PA391	4081489	PA019
11 51 1 734 602	PA430	1201.54	PA542			96047088	PA542	4119143	PA018
11 51 1 736 203	PA604	1201.55	PA542			9608564280	PA491	4129810	PA016
11 51 1 740 241	PA432A	1201.58	PA491	CITROËN LCV		9617376980	PA628	4172066	PA008
11 51 1 741 001	PA570	1201.60	PA393			97521368	PA197	4181521	PA076
11 51 1 741 002	PA604	1201.61	PA348					4186267	PA017
11 51 1 742 498	PA570	1201.63	PA256	1201.34	PA544			4194951	PA054
11 51 1 742 517	PA604	1201.65	PA391	1201.36	PA315	DACIA		4209701	PA076
11 51 1 742 598	PA625	1201.67	PA391	1201.37	PA315			4243593	PA054
11 51 1 742 647	PA625	1201.69	PA147	1201.40	PA544			4243679	PA088
11 51 1 744 243	PA432A	1201.70	PA643	1201.45	PA197	77 01 475 995	PA977	4269431	PA089
11 51 2 241 641	PA270	1201.91	PA391	1201.50	PA348	82 00 146 298	PA634	4296890	PA088
11 51 2 242 176	PA370	1201.93	PA641	1201.52	PA391	82 00 428 447	PA724A	4297101	PA054
11 51 2 242 675	PA270	1201.98	PA642	1201.54	PA542			4314160	PA163
11 51 2 242 677	PA370	1201.A1	PA641	1201.55	PA542			4314162	PA163
11 51 2 243 003	PA502A	1201.A2	PA683	1201.58	PA491	DAEWOO		4328136	PA168
11 51 2 244 333	PA502A	1201.A3	PA643	1201.60	PA393			4329406	PA054
11 51 2 245 687	PA502A	1201.A4	PA391	1201.61	PA348			4329406	PA554
11 51 2 247 552	PA692	1201.A6	PA653	1201.63	PA256	102 200 62 01	PA495	4331825	PA163
11 51 2 248 996	PA737	1201.A7	PA542	1201.65	PA391	24409355	PA572A	4332090	PA162
11 51 2 354 055	PA737	1201.A8	PA911	1201.67	PA391	602 200 02 20	PA448	4336009	PA559
11 51 7 503 884	PA432A	1201.C4	PA747	1201.69	PA147	90220568	PA325	4336188	PA020
11 51 7 504 040	PA432A	1201.C5	PA542	1201.70	PA643	90284802	PA235	4364117	PA230
11 51 7 511 221	PA893	1201.C6	PA542	1201.91	PA391	90325660	PA442	4384128	PA054
11 51 7 527 799	PA432A	1201.C7	PA653	1201.95	PA685	90444359	PA572A	4384128	PA554
11 51 7 527 910	PA432A	1201.E1	PA862	1201.96	PA686	90466343	PA572	4384129	PA088
11 51 7 785 234	PA857	1201.E3	PA628	1201.A2	PA683	92064250	PA572	4408201	PA394
11 51 7 786 192	PA760	1201.E4	PA491	1201.A3	PA643	92065969	PA572A	4408201	PA554
11 51 7 786 736	PA759	1201.E5	PA683	1201.A4	PA391	94013802	PA695	4456432	PA248
11 51 7 788 305	PA965	1201.E6	PA491	1201.A5	PA684	96182871	PA696	4458134	PA418
11 51 7 788 306	PA836	1201.E7	PA863	1201.A7	PA542	96350799	PA694	4466193	PA269
11 51 7 789 411	PA867	1201.E8	PA861	1201.A8	PA911	96351284	PA695	46400058	PA620
11 51 7 791 833	PA964	1201.F2	PA960	1201.C4	PA747	96351969	PA442	46400058	PA629
11 51 7 791 834	PA965	1201.F4	PA862	1201.C5	PA542	96351971	PA695	46407762	PA624
11 51 9 058 996	PA243	1201.F5	PA863	1201.C6	PA542	96352648	PA694	46407766	PA605A
11 51 9 068 606	PA502A	1201.F6	PA886	1201.C9	PA607	96352649	PA695	46409134	PA340
11 51 9 069 529	PA502A	1201.F9	PA859	1201.E1	PA862	96352650	PA696	46409136	PA338A
11 51 9 070 755	PA264	1201.G0	PA837	1201.E3	PA628	96518977	PA738	46410549	PA552
11 51 9 070 759	PA369	1201.G1	PA938	1201.E4	PA491			46410549	PA601
11 51 9 070 761	PA380	1201.G2	PA941	1201.E5	PA683			46410551	PA622
11 51 9 070 763	PA390	1201.G4	PA862	1201.E6	PA491			46412338	PA395
11 51 9 070 765	PA270	1201.G5	PA863	1201.E8	PA861	DAIHATSU		46422512	PA693
11 51 9 071 564	PA370	1201.G8	PA859	1201.F4	PA862			46423351	PA286A
		1201.G9	PA938	1201.G0	PA837	16100-19015	PA351	46437911	PA626
		1201.H0	PA1020	1201.G4	PA862	16100-19016	PA351	46437911	PA630
		1201.J1	PA862	1201.H6	PA996	16100-19017	PA351	46437912	PA552
		1201.J2	PA863	1201.J1	PA862	16100-25012	PA210	46437912	PA601
		1207.23	PA628	1201.J4	PA1026	16100-29028	PA213	46437916	PA552
24409355	PA572A	1207.25	PA491	1207.23	PA628	16100-29065	PA213	46437916	PA601
92065969	PA572A	1336.L5	PA542	1207.25	PA491	16100-79035	PA771	46444355	PA620
96182871	PA696	2N23101	PA079	1336.L5	PA542	16100-79036	PA771	46444355	PA629
96350799	PA694	5403199Z	PA079	5.416.786	PA165	16100-79037	PA771	46445405	PA553
96352648	PA694	5429707	PA079	504033770	PA900	16100-80001	PA1020	46515970	PA672
96352650	PA696	75522434	PA079	75522430	PA165	16100-87108	PA556	46515971	PA690
96518977	PA738	75530147	PA240	75530147	PA240	16100-87109	PA555	46515972	PA672
		75530147	PA315	75530147	PA315	16100-87182	PA556	46520401	PA866
		79 01 120 258	PA147	7901120258	PA147	16100-87183	PA555	46526243	PA739
		91511136	PA256	91511136	PA256	16100-87184	PA556	46527473	PA998



Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.
FIAT		71742124	PA946	7715051	PA605A	4243679	PA088	7752928	PA626
		71745026	PA887	7715242	PA286A	4296890	PA088	7752928	PA630
		7302010	PA276	7719918	PA366	4336009	PA559	7770038	PA398
46742168	PA451	7302554	PA294	7719918	PA566	4337095	PA191	7770038	PA598
46757573	PA880	7303050	PA161	7719921	PA285	4384129	PA088	7781232	PA553
46757574	PA880	7303051	PA276	7719921	PA585	46400058	PA629	7784979	PA398
46804051	PA901	7533502	PA292	7720987	PA599	46408312	PA444	7784979	PA598
46805736	PA739	7541374	PA339A	7720988	PA623	46409136	PA338A	7784981	PA285
46815125	PA887	7555039	PA624	7723345	PA398	46409200	PA686	7784981	PA585
46819138	PA887	7565287	PA339A	7724414	PA451	46409201	PA685	9401201340	PA544
4720031	PA161	7565764	PA285	7737200	PA599	46410562	PA733	9401201400	PA544
4755003	PA161	7565764	PA585	7737201	PA623	46423351	PA286A	9565095580	PA391
4764782	PA161	7574887	PA418	7737257	PA366	46437911	PA626	9566945680	PA391
4822231	PA294	7575827	PA340	7737257	PA566	46437911	PA630	9566945688	PA391
4829216	PA294	7580753	PA394	7747386	PA399	46437913	PA686	9567521488	PA391
55184080	PA739	7580753	PA554	7747388	PA496	46437914	PA685	9569147388	PA747
55184081	PA866	7580754	PA285	7748000	PA394	46444355	PA629	9627667988	PA391
55198547	PA866	7580754	PA585	7748000	PA554	46445405	PA553	9627667988	PA911
5882684	PA016	7580755	PA292	7750698	PA552	46464225	PA733	9654531880	PA862
5882685	PA076	7580756	PA394	7750698	PA601	46515970	PA672	9659248280	PA996
5882687	PA089	7580756	PA554	7752928	PA626	46515972	PA672	98473452	PA607
5882688	PA168	7589065	PA372	7752928	PA630	46520401	PA866	99440717	PA607
5882689	PA163	7589775	PA339A	7762924	PA614	46526243	PA739	99459759	PA454
5882691	PA559	7597569	PA378A	7762925	PA615	4654872	PA100		
5882692	PA248	7608844	PA338A	7762926	PA616	46554397	PA733		
5882693	PA337	7609204	PA399	7762986	PA689	46757573	PA880	FORD EUROPE	
5882694	PA088	7615921	PA394	7764145	PA984	46757574	PA880		
5882695	PA054	7616151	PA416	7770032	PA394	46805736	PA739		
5890406	PA559	7617168	PA398	7770032	PA554	46819138	PA887	1001889	PA617
5894129	PA292	7617364	PA354	7770034	PA599	4823810	PA454	1007714	PA612
5894394	PA397	7626604	PA624	7770038	PA398	504033770	PA900	1020538	PA612
5894582	PA292	7629033	PA365	7770038	PA598	504083122	PA607	1020567	PA639
5896818	PA365	7630343	PA366	7781232	PA553	504102572	PA1026	1020988	PA640
5896819	PA365	7630343	PA566	7783006	PA497	5416786	PA165	1023645	PA640
5896820	PA659	7631379	PA365	7783009	PA298	55184080	PA739	1031279	PA589A
5896821	PA659	7631494	PA378A	7784974	PA394	55184081	PA866	1031879	PA279
5896822	PA659	7633470	PA395	7784974	PA554	55198547	PA866	1031879	PA579
5924366	PA596	7633560	PA596	7784975	PA366	5548541	PA240	1032940	PA671
5936404	PA394	7635148	PA398	7784975	PA566	5882684	PA016	1032940	PA802
5936404	PA554	7635148	PA598	7784977	PA599	5882691	PA559	1053054	PA976
5936494	PA337	7635180	PA397	7784979	PA398	5882694	PA088	1053879	PA741
5939200	PA088	7640163	PA286A	7784979	PA598	5890406	PA559	1059843	PA617
5960469	PA394	7648451	PA605A	7784981	PA285	5939200	PA088	1079085	PA742
5960469	PA554	7651586	PA398	7784981	PA585	5973713	PA286A	1089795	PA902
5973319	PA293	7651586	PA598	7784987	PA623	5996594	PA285	1094596	PA741
5973713	PA286A	7657363	PA339A	7784988	PA599	5996594	PA585	1100635	PA762
5983960	PA054	7658606	PA378A	9463623088	PA861	60814609	PA672	1104115	PA742
5983960	PA554	7658607	PA378A	9565095580	PA391	71713727	PA286A	1109341	PA639
5984047	PA230	7661811	PA399	956566788	PA348	71737972	PA398	1114354	PA741
5990701	PA596	7661813	PA298	9566945680	PA391	71737977	PA338A	1116996	PA807
5992593	PA394	7666244	PA984	9566945688	PA391	71737980	PA733	1116996	PA839
5992593	PA554	7671810	PA596	9566950080	PA641	71737981	PA553	1119276	PA903
5996594	PA285	7671811	PA599	9567521488	PA391	71737991	PA645	1126044	PA278
5996594	PA585	7691043	PA285	9569147388	PA747	71737992	PA647	1130582	PA741
5999790	PA298	7691043	PA585	9604708880	PA542	71739137	PA911	1131878	PA742
60586222	PA621	7691046	PA398	9627667988	PA911	71745026	PA887	1132607	PA612
60810426	PA496	7691047	PA398	9629110980	PA542	7301300	PA275	1142005	PA903
60811328	PA621	7691047	PA598	9640601280	PA862	7303030	PA275	1142427	PA903
60814609	PA672	7691048	PA366	9641117180	PA886	7565764	PA285	1143851	PA807
60816231	PA631	7691048	PA566	9654531880	PA862	7565764	PA585	1143851	PA839
71713727	PA286A	7691790	PA984	98430541	PA452	7580754	PA285	1147585	PA859
71713728	PA693	7691820	PA286A	98435125	PA503	7580754	PA585	1213357	PA617
71716878	PA620	7692285	PA378A	99440930	PA503	7608844	PA338A	1227902	PA741
71716893	PA552	7692552	PA624			7635148	PA398	1229571	PA902
71719666	PA599	7692554	PA340			7635148	PA598	1232499	PA861
71737965	PA496	7692555	PA605A	FIAT LCV		7640163	PA286A	1233202	PA976
71737966	PA689	7693569	PA378A			7651586	PA398	1233208	PA278
71737972	PA398	7693570	PA365			7651586	PA598	1250684	PA879
71737974	PA599	7693966	PA338A	1304596080	PA645	7691043	PA285	1250685	PA879
71737975	PA605A	7694229	PA397	1304612080	PA647	7691043	PA585	1313842	PA938
71737977	PA338A	7694408	PA659	1312388080	PA647	7691047	PA398	1317038	PA741
71737979	PA552	7695555	PA399	1313021080	PA646	7691047	PA598	1318354	PA590
71737981	PA553	7695557	PA298	1317462080	PA645	7691820	PA286A	1320876	PA741
71737987	PA659	7695559	PA399	1317463080	PA647	7692551	PA444	1326374	PA612
71737989	PA346	7696083	PA395	1317464080	PA647	7693966	PA338A	1336008	PA903
71739137	PA911	7696226	PA365	1317466080	PA646	7715242	PA286A	1341835	PA807
71739401	PA957	7701137	PA497	4129810	PA016	7719921	PA285	1347102	PA807
71739779	PA959	7708187	PA496	4181898	PA100	7719921	PA585	1350461	PA612



Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.
FORD EUROPE		5025607	PA501	EPW15	PA189	1528548	PA131	A790X8591HFA	PA153
		5025832	PA083	EPW16	PA189	1651816	PA429A	A790X8591RJA	PA118
		5025833	PA130	EPW19	PA083	19BBX8591FA	PA741	A790X8591RLA	PA117
1359942	PA859	5025908	PA401	EPW33	PA232	5004972	PA131	A810X8591SA	PA232
1361486	PA903	5026076	PA322	EPW40	PA640	5004988	PA193	A820X8591BA	PA517
1364152	PA903	5026783	PA401	EPW44	PA266	5004995	PA117	A830X8591KA	PA517
1364681	PA938	5028472	PA590	EPW45	PA297	5005036	PA036	A830X8591SA	PA296
1366614	PA859	603089	PA036	EPW50	PA117	5005058	PA131	A830X8591TA	PA278
1376162	PA612	6036362	PA036	EPW51	PA517	5005197	PA153	A840X8591AA	PA323
1406479	PA990	6039328	PA153	EPW52	PA589A	5005916	PA118	A840X8591ATA	PA323
1417825	PA807	6041801	PA091	EPW538	PA036	5006043	PA117	A840X8591AUA	PA131
1432630	PA861	6043064	PA130	EPW55	PA501	5006046	PA517	A840X8591BAA	PA117
1487478	PA091	6043065	PA174	EPW56	PA174	5008470	PA232	A840X8591BCA	PA321
1499785	PA130	6049790	PA174	EPW57	PA083	5009286	PA117	A840X8591JA	PA278
1527289	PA174	6050034	PA153	EPW58	PA174	5009287	PA517	A840X8591KA	PA295
1528548	PA131	6050907	PA153	EPW60	PA440	5010876	PA131	A840X8591MA	PA548
1582105	PA189	6065711	PA117	EPW61	PA278	5010878	PA517	D8RZ8501A	PA153
1582106	PA189	6189520	PA588	EPW63	PA131	5010880	PA131	EPW13	PA296
1651816	PA429A	6457409	PA429A	EPW64	PA322	5011012	PA296	EPW14	PA548
1953221	PA932	6683522	PA440	EPW65	PA278	5011013	PA278	EPW20	PA323
19BBX8591FA	PA741	6878045	PA509	EPW66	PA295	5011863	PA517	EPW32	PA193
3006897	PA974	7072641	PA420A	EPW67	PA131	5011864	PA131	EPW33	PA232
3667653	PA974	7087382	PA429A	EPW68	PA117	5012322	PA278	EPW38	PA323
3715703	PA974	7087383	PA588	EPW69	PA117	5012359	PA295	EPW40	PA640
3800766	PA974	71F8501AA	PA130	EPW7	PA131	5012434	PA548	EPW43	PA296
4096620	PA974	7269023	PA974	EPW70	PA321	5012773	PA323	EPW48	PA118
4356532	PA974	83EF8501AA	PA297	EPW71	PA401	5013267	PA131	EPW50	PA117
4373611	PA956	88FX8591AA	PA640	EPW730	PA091	5013268	PA117	EPW51	PA517
4448290	PA974	88FX8591AB	PA640	EPW74	PA429A	5013274	PA117	EPW52	PA589A
4514060	PA956	88FX8591B1A	PA976	EPW743	PA131	5013320	PA321	EPW538	PA036
4551517	PA974	88FX8591B2B	PA976	EPW746	PA131	5018437	PA232	EPW60	PA440
5004972	PA131	88FX8591BA	PA976	EPW75	PA588	5020242	PA640	EPW61	PA278
5004976	PA189	88GX8591AA	PA303	EPW80	PA612	5020424	PA193	EPW63	PA131
5004977	PA189	88YX8591AA	PA400	EPW81	PA639	5020437	PA401	EPW65	PA278
5004980	PA083	89EX8591AA	PA297	EPW82	PA640	5020651	PA321	EPW66	PA295
5004995	PA117	91FX8591AA	PA589A	EPW85	PA589A	5020713	PA976	EPW67	PA131
5004998	PA266	91WM8501AA	PA429A	EPW97	PA400	5020823	PA118	EPW68	PA117
5005036	PA036	91XM8501AA	PA588	EPW980	PA130	5023817	PA278	EPW69	PA117
5005054	PA091	928X8591AA	PA501	EPW981	PA174	5024297	PA589A	EPW7	PA131
5005058	PA131	92BX8591AA	PA440	EPW985	PA153	5024545	PA323	EPW70	PA321
5005193	PA130	92BX8591BA	PA401	V94DD8501AA	PA420A	5024546	PA296	EPW71	PA401
5005194	PA174	92TX8591DA	PA322			5024603	PA153	EPW74	PA429A
5005197	PA153	96BX8591AA	PA639			5025908	PA401	EPW743	PA131
5006043	PA117	96FX8591AA	PA640			5026783	PA401	EPW746	PA131
5006046	PA517	96FX8591EA	PA589A			603089	PA036	EPW81	PA639
5007749	PA174	96MX8591AA	PA612			6031236	PA193	EPW82	PA640
5007851	PA083	A790X8591ALA	PA117	1020567	PA639	6036362	PA036	EPW85	PA589A
5007852	PA174	A790X8591ANA	PA117	1020988	PA640	6039328	PA153	EPW985	PA153
5008470	PA232	A790X8591ARA	PA266	1023645	PA640	6050034	PA153		
5009286	PA117	A790X8591DA	PA131	1031279	PA589A	6050907	PA153		
5009287	PA517	A790X8591DAA	PA036	1053054	PA976	6065711	PA117		
5009823	PA297	A790X8591EBA	PA091	1053879	PA741	6093389	PA296		
5010876	PA131	A790X8591EFA	PA131	1079085	PA742	6457409	PA429A		
5010878	PA517	A790X8591HA	PA189	1094596	PA741	6683522	PA440	3382081	PA917
5010880	PA131	A790X8591HBA	PA130	1096556	PA832	7087382	PA429A		
5011013	PA278	A790X8591HFA	PA153	1104115	PA742	715F8501AAD	PA193		
5011846	PA322	A790X8591KA	PA189	1109341	PA639	88BX8591AA	PA401		
5011863	PA517	A790X8591NA	PA083	1114354	PA741	88FX8591AA	PA640		
5011864	PA131	A790X8591RLA	PA117	1116996	PA807	88FX8591AB	PA640		
5012322	PA278	A810X8591FA	PA174	1116996	PA839	88FX8591B1A	PA976	40 68 101	PA018
5012359	PA295	A810X8591GA	PA083	1126044	PA278	88FX8591B2B	PA976	40 81 489	PA019
5012434	PA548	A810X8591HA	PA174	1130582	PA741	88FX8591BA	PA976		
5013267	PA131	A810X8591SA	PA232	1131878	PA742	88WF8501AB	PA429A		
5013268	PA117	A820X8591BA	PA517	1136393	PA832	914FX8591AA	PA323		
5013274	PA117	A830X8591CTA	PA322	1143851	PA807	914FX8591BA	PA296		
5013320	PA321	A830X8591KA	PA517	1143851	PA839	91FX8591AA	PA589A		
5018437	PA232	A830X8591TA	PA278	1146965	PA832	91WM8501AA	PA429A	19200-P01-003	PA428
5019394	PA303	A840X8591AUA	PA131	1227902	PA741	92BX8591AA	PA440	19200-P08-003	PA925
5020121	PA400	A840X8591BAA	PA117	1233202	PA976	92BX8591BA	PA401	19200-P08-004	PA925
5020242	PA640	A840X8591BCA	PA321	1233208	PA278	96BX8591AA	PA639	19200-P0A-003	PA563
5020437	PA401	A840X8591JA	PA278	1308453	PA832	96FX8591AA	PA640	19200-P0B-A01	PA563
5020651	PA321	A840X8591KA	PA295	1317038	PA741	96FX8591EA	PA589A	19200-P13-003	PA896
5020713	PA976	A840X8591MA	PA548	1320876	PA741	A790X8591ADA	PA193	19200-P14-A00	PA564
5020717	PA091	D1FZ8501B	PA091	1341835	PA807	A790X8591ALA	PA117	19200-P1G-E02	PA668
5023817	PA278	D8RZ8501A	PA153	1347102	PA807	A790X8591ANA	PA117	19200-P1J-E02	PA428
5024297	PA589A	DOR Y8501A	PA091	1385827	PA832	A790X8591DA	PA131	19200-P2A-004	PA669
5024603	PA153	EPW076	PA509	1417825	PA807	A790X8591DAA	PA036	19200-P2A-A01	PA669
5024638	PA297	EPW14	PA548	1511175	PA193	A790X8591EFA	PA131	19200-P2A-A02	PA669

FORD LCV

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HONDA



Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.
HONDA		25100-37201	PA1024	4606023	PA077	25100-39802	PA1002	60814609	PA672
		25100-38002	PA934	4639182	PA031			71713727	PA286A
		25100-39800	PA1002	4655010	PA031			71713728	PA693
19200-P2A-A03	PA669	25100-39802	PA1002	4655054	PA031	LADA		71716878	PA620
19200-P5T-G00	PA562	25100-42540	PA701	4679242	PA031			71716893	PA552
19200-P72-A01	PA670	25111-29000	PA391	4714636	PA178			71719666	PA599
19200-P75-003	PA897			4754850	PA178	2101.1307010	PA575	71737965	PA496
19200-P7A-003	PA668			4764761	PA178	2108.1307010.00	PA404	71737972	PA398
19200-PA1-010	PA549	HYUNDAI LCV		4813370	PA840	2108.1307010.10	PA704	71737974	PA599
19200-PA1-020	PA549			4838676	PA844	2112.1307010	PA833	71745026	PA887
19200-PA1-030	PA549			4952496	PA077	4197598	PA575	7302554	PA294
19200-PA6-030	PA456	25100-32033	PA780	500300476	PA500			7565764	PA285
19200-PC1-000	PA456	25100-42000	PA700	500350783	PA969			7565764	PA585
19200-PC1-010	PA456			500356553	PA942	LANCIA		7566185	PA341A
19200-PC1-080	PA456			50035797	PA968			7574887	PA418
19200-PCX-003	PA1018			500361203	PA914			7580753	PA394
19200-PDA-E01	PA943	INNOCENTI		500361455	PA916	2287515	PA568	7580753	PA554
19200-PDF-E01	PA669			500361919	PA914	2306857	PA568	7580754	PA285
19200-PE0-010	PA385	38402022	PA187	500362834	PA913	4192732	PA088	7580754	PA585
19200-PE0-660	PA385	38402024	PA187	500362859	PA915	4243679	PA088	7580756	PA394
19200-PG6-000	PA778	38406025	PA187	504033770	PA900	4296890	PA088	7580756	PA554
19200-PG6-405	PA778	4336009	PA559	504113544	PA967	4328136	PA168	7589778	PA341A
19200-PG6-600	PA778	4471378	PA088	562988	PA023	4336009	PA559	7609204	PA399
19200-PH1-000	PA459	46409136	PA338A	61318939	PA849	4384129	PA088	7629033	PA365
19200-PH1-020	PA459	46437911	PA626	7303009	PA178	4458134	PA418	7631379	PA365
19200-PH1-305	PA459	46437911	PA630	7303050	PA161	46400058	PA620	7635148	PA398
19200-PH1-505	PA459	554021207	PA305	7303056	PA317	46400058	PA629	7635148	PA598
19200-PL0-005	PA876	5882691	PA559	93190284	PA850	46410549	PA552	7635180	PA397
19200-PLM-A01	PA876	5882695	PA054	93190286	PA854	46410549	PA601	7640163	PA286A
19200-PLZ-D00	PA948	5882695	PA554	93191101	PA031	46422512	PA693	7651586	PA398
19200-PM3-003	PA428	5890406	PA559	98415831	PA843	46423351	PA286A	7651586	PA598
19200-PM3-013	PA428	71737972	PA398	98435994	PA498	46435858	PA667	7658591	PA341A
19200-PNA-003	PA970	71737977	PA338A	98437726	PA499	46437912	PA552	7661811	PA399
19200-PNL-E01	PA970	7580754	PA285	98438356	PA500	46437912	PA601	7661813	PA298
19200-PT0-013	PA563	7608844	PA338A	98439476	PA845	46437916	PA552	7671811	PA599
19200-PWA-003	PA949	7635148	PA398	98447661	PA851	46437916	PA601	7691043	PA285
19200-RBB-003	PA971	7635148	PA598	98468830	PA853	46444355	PA620	7691043	PA585
19200-RBB-013	PA971	7651586	PA398	98468832	PA847	46444355	PA629	7691047	PA398
19200-RBD-E01	PA1013	7651586	PA598	98479675	PA852	46515970	PA672	7691047	PA598
19200-RFE-003	PA971	7691043	PA285	98497115	PA842	46515971	PA690	7691820	PA286A
19200-RSR-E01	PA1013	7691047	PA398	98497117	PA841	46515972	PA672	7693570	PA365
		7691047	PA598	99438900	PA500	46520401	PA866	7694229	PA397
		7693966	PA338A	99440728	PA499	46526243	PA739	7695557	PA298
		7719921	PA285	99445447	PA852	46804051	PA901	7695559	PA399
HYUNDAI		7752928	PA626	99458098	PA853	46805736	PA739	7696226	PA365
		7752928	PA630	99458099	PA847	46819138	PA887	7701137	PA497
0K88R-15-100	PA1022	7770038	PA398	99459755	PA317	4822231	PA294	7708187	PA496
25100-02500	PA877	7770038	PA598	99459757	PA498	4829216	PA294	7710471	PA667
25100-02501	PA877	7784979	PA398			55184080	PA739	7715242	PA286A
25100-02502	PA877	7784979	PA598			55184081	PA866	7719921	PA285
25100-02555	PA877	7784981	PA285			55192898	PA673	7719921	PA585
25100-02566	PA1021					55198357	PA673	7720987	PA599
25100-22010	PA697					5882688	PA168	7737200	PA599
25100-22012	PA697	ISUZU		4864566	PA671	5882691	PA559	7747386	PA399
25100-23001	PA698			4864566	PA802	5882694	PA088	7747388	PA496
25100-23002	PA698			4864688	PA527	5890406	PA559	7750698	PA552
25100-23010	PA972	8941185010	PA811	5086581AA	PA891	5894394	PA397	7750698	PA601
25100-23011	PA972	8942400890	PA810	665.200.02.01	PA891	5896818	PA365	7762924	PA614
25100-23511	PA972	8942403780	PA810	7701461336	PA527	5896819	PA365	7762925	PA615
25100-23513	PA972	8943102510	PA809			5936404	PA394	7762926	PA616
25100-23530	PA972	8943768370	PA797			5936404	PA554	7770034	PA599
25100-24030	PA697	8943768410	PA809			5939200	PA088	7770038	PA398
25100-24040	PA697	8943768440	PA809			5960469	PA394	7770038	PA598
25100-24060	PA697	8944194612	PA809			5960469	PA554	7783006	PA497
25100-26900	PA950	8944611730	PA809	0K30E-15-010	PA1007	5973319	PA293	7783009	PA298
25100-26901	PA950	8970102000	PA810	0K551-15-100B	PA816	5973713	PA286A	7784977	PA599
25100-26902	PA950	8970102010	PA811	0K930-15-010A	PA437A	5992593	PA394	7784979	PA398
25100-27000	PA829	8970185601	PA809	25100-02566	PA1021	5992593	PA554	7784979	PA598
25100-2A000	PA1023			25100-23530	PA972	5996594	PA285	7784988	PA599
25100-32033	PA780			25100-26902	PA950	5996594	PA585	81107111	PA041
25100-33112	PA702			25100-27000	PA829	5999790	PA298	81109192	PA041
25100-33132	PA702	IVECO		25100-2A000	PA1023	60586222	PA621	81191442	PA041
25100-35020	PA795			25100-2X200	PA1007	60604181	PA673	82287515	PA568
25100-35030	PA795	2995624	PA916	25100-37102	PA1024	60630271	PA673	82306857	PA568
25100-35050	PA795	42530032	PA854	25100-37200	PA1024	60668487	PA673	9463623088	PA861
25100-36010	PA795	42530033	PA848	25100-37201	PA1024	60809209	PA496	9565095580	PA391
25100-37102	PA1024	42532082	PA846	25100-38002	PA934	60811328	PA621	9566945680	PA391
25100-37200	PA1024	42535615	PA846	25100-39800	PA1002	60813207	PA673	9566945688	PA391



Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.
NISSAN		21010-80G25	PA932	21010-0F002	PA932	OPEL / VAUXHALL		2898355	PA044
		21010-80G26	PA932	21010-0F003	PA932			2898355	PA234
		21010-80G27	PA932	21010-0M300	PA493A			3469874	PA121
21010-01M00	PA434	21010-80G28	PA932	21010-0M301	PA493A	1334000	PA302	6334001	PA887
21010-01M01	PA434	21010-80G85	PA932	21010-12G26	PA813	1334004	PA441	6334002	PA957
21010-01M25	PA434	21010-80G89	PA932	21010-18025	PA201	1334006	PA302	6334003	PA672
21010-05E25	PA788	21010-80W25	PA812	21010-21000	PA202	1334008	PA325	6334024	PA834
21010-05E26	PA788	21010-80W26	PA812	21010-21025	PA202	1334009	PA326	6334025	PA729
21010-05E27	PA788	21010-80W27	PA812	21010-21026	PA202	1334011	PA443	6334035	PA541A
21010-06E25	PA435	21010-80W94	PA812	21010-21088	PA202	1334012	PA236	6334036	PA727
21010-06E26	PA435	21010-99B00	PA537	21010-40F25	PA927	1334013	PA235	6334039	PA940
21010-0F001	PA932	21010-9C600	PA660	21010-40F27	PA927	1334014	PA324	6334042	PA957
21010-0F002	PA932	21010-9F501	PA508	21010-43G25	PA814	1334015	PA236	6334043	PA991
21010-0F003	PA932	21010-9F605	PA830	21010-43G26	PA814	1334016	PA410	90076952	PA441
21010-0M300	PA493A	21010-AD200	PA823	21010-43G27	PA814	1334017	PA409	90091035	PA108
21010-0M301	PA493A	21010-AD225	PA823	21010-43G28	PA814	1334021	PA326	90096415	PA121
21010-12G26	PA813	21010-AW300	PA907	21010-43G29	PA814	1334023	PA441	90106450	PA236
21010-16E02	PA602	21010-BN700	PA821	21010-43G86	PA814	1334024	PA443	90106656	PA235
21010-16E25	PA602	21010-BX000	PA882	21010-44G00	PA995	1334025	PA442	90108735	PA234
21010-16E26	PA602	21010-D0104	PA777	21010-44G25	PA995	1334027	PA108	90136224	PA234
21010-18025	PA201	21010-D0125	PA777	21010-44G26	PA995	1334029	PA046	90136377	PA237
21010-19B25	PA611	21010-D0126	PA777	21010-44G27	PA995	1334031	PA571	90136382	PA121
21010-21000	PA202	21010-E3000	PA203	21010-44G29	PA995	1334032	PA044	90144227	PA442
21010-21025	PA202	21010-E3026	PA203	21010-53J00	PA508	1334032	PA234	90156532	PA244
21010-21026	PA202	21010-E3027	PA203	21010-53J01	PA508	1334034	PA415	90183273	PA441
21010-21088	PA202	21010-E3028	PA203	21010-53J03	PA508	1334035	PA044	90183665	PA302
21010-22J00	PA539	21010-G2404	PA932	21010-53J04	PA508	1334035	PA234	90220568	PA325
21010-22J26	PA539	21010-G5510	PA635	21010-53Y00	PA493A	1334038	PA409	90233511	PA302
21010-24B25	PA611	21010-G5526	PA635	21010-53Y01	PA493A	1334041	PA572	90234200	PA443
21010-28J25	PA539	21010-G5585	PA635	21010-69T02	PA995	1334045	PA121	90271492	PA326
21010-28J26	PA539	21010-G5586	PA635	21010-70J00	PA508	1334046	PA541	90272361	PA325
21010-31U25	PA648	21010-G5594	PA635	21010-71J00	PA493A	1334050	PA572	90281612	PA409
21010-31U26	PA648	21010-G8125	PA635	21010-7F400	PA932	1334052	PA571	90284802	PA235
21010-31U27	PA648	21010-H1025	PA201	21010-80G01	PA932	1334053	PA572	90284913	PA324
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21010-40F27	PA927	21010-H5000	PA201	21010-80G26	PA932	1334058	PA150	90295078	PA324
21010-43G25	PA814	21010-H5025	PA201	21010-80G27	PA932	1334059	PA637	90325660	PA442
21010-43G26	PA814	21010-H5026	PA201	21010-80G28	PA932	1334065	PA442	90325661	PA443
21010-43G27	PA814	21010-H5028	PA201	21010-80G85	PA932	1334066	PA541	90348231	PA326
21010-43G28	PA814	21010-M6625	PA201	21010-80G89	PA932	1334069	PA664	90349239	PA442
21010-43G29	PA814	21010-M6626	PA201	21010-9C600	PA660	1334070	PA441	90349241	PA441
21010-43G86	PA814	21010-P7503	PA203	21010-9F501	PA508	1334071	PA108	90409912	PA108
21010-50A25	PA434	21010-P7525	PA203	21010-BN700	PA821	1334072	PA234	90442207	PA409
21010-50A26	PA434	21010-P7526	PA203	21010-E3000	PA203	1334073	PA834	90443549	PA572
21010-50A27	PA434	21010-P7527	PA203	21010-E3026	PA203	1334074	PA121	90444079	PA541
21010-50A28	PA434	21010-P7528	PA203	21010-E3027	PA203	1334077	PA541A	90444123	PA577
21010-50A94	PA434	21010-P7529	PA203	21010-E3028	PA203	1334078	PA940	90444311	PA572
21010-53J00	PA508	21010-P7585	PA203	21010-G2404	PA932	1334079	PA729	90444359	PA572A
21010-53J01	PA508	21010-P7586	PA203	21010-G5510	PA635	1334081	PA234	90444649	PA637
21010-53J03	PA508	21010-P7587	PA203	21010-G5526	PA635	1334082	PA760	90512535	PA502A
21010-53J04	PA508	21010-P7588	PA203	21010-G5585	PA635	1334084	PA235	90540478	PA730
21010-53Y00	PA493A	21010-R7400	PA101	21010-G5586	PA635	1334087	PA121	90541671	PA502A
21010-53Y01	PA493A	21010-V0725	PA203	21010-G5594	PA635	1334091	PA237	90542606	PA729
21010-54A26	PA770	21010-V0726	PA203	21010-G8125	PA635	1334097	PA244	90543935	PA727
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21010-57J01	PA703	21010-V5525	PA540	21010-H1026	PA201	1334099	PA236	91151669	PA802
21010-57J02	PA703	21010-V5527	PA540	21010-H5000	PA201	1334102	PA415	9192370	PA572
21010-57J03	PA703	21010-V5528	PA540	21010-H5025	PA201	1334105	PA571	9192793	PA442
21010-57J25	PA703	21010-V5529	PA540	21010-H5026	PA201	1334107	PA415	9192797	PA541
21010-57J26	PA703	21010-V5585	PA540	21010-H5028	PA201	1334112	PA502A	9199592	PA541A
21010-61504	PA781	21010-W3628	PA203	21010-M6625	PA201	1334114	PA728	9292375	PA150
21010-61505	PA781	21010-W3685	PA203	21010-M6626	PA201	1334115	PA664	94124093	PA410
21010-61526	PA781	21010-W4425	PA540	21010-P7503	PA203	1334117	PA730	94341998	PA571
21010-61527	PA781	21010-W4426	PA540	21010-P7525	PA203	1334121	PA665	94386207	PA415
21010-61528	PA781	BA010-06E26	PA435	21010-P7526	PA203	1334123	PA671	97101319	PA415
21010-61529	PA781	BA010-22J25	PA539	21010-P7527	PA203	1334123	PA802	97101320	PA571
21010-61585	PA781	BA010-G5586	PA635	21010-P7528	PA203	1334124	PA502A	97110386	PA415
21010-6F900	PA491	BA010-M6686	PA201	21010-P7529	PA203	1334130	PA729	97110387	PA571
21010-6F906	PA491			21010-P7585	PA203	1334135	PA727	97114682	PA664
21010-6F907	PA491			21010-P7586	PA203	1334139	PA572A	97114683	PA728
21010-70J00	PA508			21010-P7587	PA203	1334142	PA959	97135548	PA665
21010-71E26	PA784	NISSAN LCV		21010-P7588	PA203	1334143	PA834	97220278	PA664
21010-71E27	PA784			21010-V0725	PA203	1334145	PA958	97251178	PA834
21010-71E28	PA784	21010-00QAC	PA822	21010-V0726	PA203	1334147	PA901	R1160012	PA442
21010-71J00	PA493A	21010-00QAD	PA803	21010-W3628	PA203	1334647	PA887	R1160018	PA325
21010-77A00	PA538	21010-00QAS	PA821	21010-W3685	PA203	24405895	PA959	R1160024	PA324
21010-7F400	PA932	21010-00QAT	PA821	BA010-G5586	PA635	24469102	PA958	R1160025	PA415
21010-80G01	PA932	21010-0F001	PA932	BA010-M6686	PA201	2866233	PA046	R1160027	PA326

Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.
OPEL / VAUXHALL		90349241	PA441	1201.F5	PA863	1201.A2	PA683	77 01 457 642	PA194
		90409912	PA108	1201.F6	PA886	1201.A3	PA643	77 01 457 671	PA142
		90443549	PA572	1201.F9	PA859	1201.A4	PA391	77 01 457 672	PA139
R1160028	PA571	90444079	PA541	1201.G0	PA837	1201.A5	PA684	77 01 457 673	PA194
R1160030	PA541	90444311	PA572	1201.G1	PA938	1201.A8	PA911	77 01 457 771	PA047
R1160031	PA577	90540478	PA730	1201.G2	PA941	1201.C4	PA747	77 01 459 435	PA081
R1160032	PA572	90542606	PA729	1201.G4	PA862	1201.C9	PA607	77 01 459 820	PA147
R1160034	PA409	9192370	PA572	1201.G5	PA863	1201.E1	PA862	77 01 459 890	PA198
R1160036	PA664	9192793	PA442	1201.G8	PA859	1201.E3	PA628	77 01 460 696	PA245
R1160037	PA415	9192797	PA541	1201.G9	PA938	1201.E4	PA491	77 01 460 697	PA110
R1160038	PA728	9199592	PA541A	1201.H0	PA1020	1201.E5	PA683	77 01 460 698	PA511
R1160039	PA665	94124093	PA410	1201.H8	PA994	1201.E6	PA491	77 01 461 006	PA573
R1160043	PA637	94341998	PA571	1201.J1	PA862	1201.E8	PA861	77 01 461 101	PA511
R1160044	PA671	97101320	PA571	1201.J2	PA863	1201.F4	PA862	77 01 461 173	PA547
R1160044	PA802	971110387	PA571	1202.13	PA073	1201.G0	PA837	77 01 461 174	PA140
		97114682	PA664	1202.37	PA073	1201.G1	PA938	77 01 461 336	PA527
		R1160018	PA325	1202.39	PA154	1201.G4	PA862	77 01 461 405	PA247
OPEL / VAUXHALL LCV		R1160024	PA324	1202.40	PA095	1201.G9	PA938	77 01 462 085	PA576
		R1160030	PA541	1202.44	PA096	1201.H6	PA996	77 01 462 086	PA576
		R1160032	PA572	1202.48	PA074	1201.J1	PA862	77 01 462 145	PA550
				1202.50	PA095	1201.J4	PA1026	77 01 462 145	PA595
1334004	PA441			1202.52	PA192	1202.38	PA158	77 01 462 389	PA282
1334008	PA325			1202.55	PA095	1202.49	PA157	77 01 462 491	PA550
1334011	PA443	PEUGEOT		1202.56	PA154	1202.51	PA336	77 01 462 491	PA595
1334012	PA236			1202.57	PA192	1202.78	PA157	77 01 462 809	PA531
1334014	PA324			1202.58	PA147	1202.79	PA158	77 01 463 014	PA353
1334015	PA236	1201.19	PA095	1202.59	PA074	1202.88	PA309	77 01 463 111	PA531
1334016	PA410	1201.29	PA095	1202.62	PA192	1202.89	PA308	77 01 463 182	PA247
1334023	PA441	1201.30	PA154	1202.63	PA192	1202.91	PA309	77 01 463 377	PA550
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1334025	PA442	1201.35	PA297	1202.68	PA154	1202.95	PA309	77 01 463 397	PA531
1334027	PA108	1201.39	PA256	1202.69	PA188	1202.99	PA309	77 01 463 637	PA301
1334031	PA571	1201.42	PA303	1202.70	PA190	1207.18	PA628	77 01 464 030	PA543
1334041	PA572	1201.45	PA197	1202.71	PA190	1207.23	PA628	77 01 464 054	PA530
1334046	PA541	1201.48	PA393	1202.73	PA189	1207.25	PA491	77 01 464 054	PA594
1334050	PA572	1201.50	PA348	1202.74	PA189	504033770	PA900	77 01 464 538	PA574
1334052	PA571	1201.51	PA393	1202.75	PA156	75530147	PA315	77 01 464 736	PA531
1334053	PA572	1201.52	PA391	1202.83	PA188	95548541	PA315	77 01 465 122	PA515
1334065	PA442	1201.54	PA542	1202.84	PA074			77 01 465 513	PA514
1334066	PA541	1201.55	PA542	1202.85	PA189			77 01 465 643	PA513
1334070	PA441	1201.58	PA491	1202.86	PA189	PORSCHE		77 01 465 816	PA531
1334071	PA108	1201.60	PA393	1202.87	PA156			77 01 466 152	PA516
1334073	PA834	1201.61	PA348	1202.90	PA096			77 01 466 419	PA550
1334077	PA541A	1201.62	PA393	1202.93	PA246	048.121.011	PA233	77 01 466 419	PA595
1334078	PA940	1201.63	PA256	1202.94	PA123	060.121.011	PA233	77 01 466 420	PA530
1334079	PA729	1201.65	PA391	1202.96	PA129			77 01 466 420	PA594
1334098	PA442	1201.67	PA391	1202.97	PA252			77 01 466 571	PA536
1334099	PA236	1201.69	PA147	1202.98	PA251	RENAULT		77 01 466 578	PA531
1334105	PA571	1201.73	PA128	1207.18	PA628			77 01 466 778	PA533
1334115	PA664	1201.74	PA297	1207.23	PA628			77 01 466 779	PA534
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1334145	PA958	1201.83	PA156			74 38 610 006	PA749	77 01 467 153	PA597
1334647	PA887	1201.89	PA252			74 38 610 035	PA749	77 01 467 223	PA543
24469102	PA958	1201.90	PA251	PEUGEOT LCV		77 00 105 176	PA724A	77 01 467 278	PA503
4401595	PA803	1201.91	PA391			77 00 105 378	PA724A	77 01 467 546	PA547
4404088	PA178	1201.93	PA641			77 00 106 101	PA723	77 01 467 622	PA627
4408028	PA822	1201.98	PA642	1201.34	PA544	77 00 107 845	PA723	77 01 467 642	PA721
4409162	PA531	1201.A1	PA641	1201.36	PA240	77 00 111 675	PA822	77 01 467 642	PA722
4501293	PA750	1201.A2	PA683	1201.37	PA315	77 00 274 330	PA724A	77 01 467 915	PA353
4501294	PA751	1201.A4	PA391	1201.38	PA315	77 00 736 091	PA412	77 01 468 491	PA531
4506045	PA803	1201.A5	PA684	1201.40	PA600	77 00 859 931	PA627	77 01 472 182	PA822
6334001	PA887	1201.A6	PA653	1201.48	PA544	77 00 861 627	PA723	77 01 472 625	PA803
6334025	PA729	1201.A7	PA542	1201.50	PA393	77 00 861 686	PA634	77 01 473 327	PA821
6334035	PA541A	1201.A8	PA911	1201.51	PA348	77 00 864 596	PA632	77 01 473 365	PA531
6334039	PA940	1201.C4	PA747	1201.52	PA393	77 00 866 518	PA633	77 01 474 190	PA803
90076952	PA441	1201.C5	PA542	1201.58	PA391	77 00 871 801	PA627	77 01 474 335	PA907
90091035	PA108	1201.C6	PA542	1201.60	PA491	77 01 450 223	PA139	77 01 475 995	PA977
90106450	PA236	1201.C7	PA653	1201.61	PA393	77 01 450 295	PA139	77 01 476 496	PA821
90144227	PA442	1201.E1	PA862	1201.62	PA348	77 01 452 155	PA581	77 01 502 428	PA139
90183273	PA441	1201.E3	PA628	1201.65	PA393	77 01 452 782	PA047	77 01 502 962	PA081
90220568	PA325	1201.E4	PA491	1201.67	PA391	77 01 455 720	PA141	77 01 502 963	PA581
90234200	PA443	1201.E5	PA683	1201.70	PA391	77 01 455 972	PA141	77 01 505 397	PA142
90272361	PA325	1201.E6	PA491	1201.75	PA643	77 01 457 085	PA139	77 01 508 546	PA194
90284913	PA324	1201.E7	PA863	1201.87	PA600	77 01 457 415	PA581	77 01 508 975	PA140
90285418	PA236	1201.E8	PA861	1201.91	PA309	77 01 457 416	PA081	77 01 512 202	PA141
90295078	PA324	1201.E9	PA906	1201.95	PA391	77 01 457 450	PA198	77 01 633 125	PA412
90325660	PA442	1201.F2	PA960	1201.96	PA685	77 01 457 451	PA140	82 00 037 686	PA632
90325661	PA443	1201.F4	PA862		PA686	77 01 457 595	PA047		



Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.
RENAULT		77 01 467 153	PA529	GWP343	PA564	036 121 005M	PA654	HB032000 01	PA088
		77 01 467 153	PA597	GWP344	PA391	036 121 005P	PA765	RF03200001	PA332
		77 01 467 223	PA543	GWP345	PA563	036 121 005Q	PA674	SE020032000A	PA088
82 00 042 514	PA723	77 01 467 546	PA547	GWP346	PA491	036 121 005QX	PA674	SE021032000A	PA304
82 00 042 880	PA820	77 01 467 642	PA721	GWP347	PA562	036 121 005S	PA674	SE700032000A	PA230
82 00 088 660	PA632	77 01 467 642	PA722	PEB10051	PA427	036 121 008G	PA765		
82 00 088 663	PA632	77 01 467 915	PA353	PEB102240	PA884	036 121 008K	PA674		
82 00 129 206	PA803	77 01 468 342	PA178	PEB102420	PA562	037 121 005C	PA279	SEAT LCV	
82 00 146 297	PA724A	77 01 468 491	PA531	PEB102440	PA883	037 121 010	PA579		
82 00 146 298	PA634	77 01 470 879	PA750	PEB102470L	PA883	037 121 010A	PA579	026 121 005E	PA279
82 00 146 301	PA633	77 01 470 880	PA751	PEB102510L	PA427	037 121 010C	PA579	026 121 005H	PA279
82 00 238 333	PA820	77 01 472 182	PA822			038 121 011	PA731	026 121 010F	PA579
82 00 266 947	PA632	77 01 472 625	PA803	SAAB		038 121 011A	PA731	030 121 005N	PA603
82 00 397 732	PA983	77 01 473 327	PA821			038 121 011AV	PA731	030 121 005NV	PA603
82 00 397 735	PA981	77 01 473 365	PA531			038 121 011AX	PA731	030 121 005NV	PA603
82 01 013 780	PA803	77 01 474 190	PA803			038 121 011C	PA762	030 121 005NX	PA603
96 35 018 180	PA960	77 01 476 496	PA821	12566029	PA991	038 121 011D	PA762	030 121 005TX	PA603
96 37 506 680	PA653	77 01 502 962	PA081	4610176	PA413	038 121 011G	PA878	030 121 008D	PA603
96 40 344 280	PA653	77 01 502 963	PA581	4610192	PA413	038 121 011H	PA905	031 121 004A	PA423
9641117180	PA886	77 01 505 397	PA142	4770970	PA637	03D 121 005	PA855	031 121 005C	PA423
		77 01 508 975	PA140	4772711	PA730	03D 121 013B	PA855	037 121 005C	PA279
		77 01 633 125	PA412	5005036	PA036	03G 121 011	PA905	037 121 010	PA579
		82 00 037 686	PA632	5960414	PA636	045 121 011B	PA761	037 121 010A	PA579
		82 00 042 880	PA820	6036362	PA036	045 121 011C	PA806	037 121 010C	PA579
		82 00 088 660	PA632	7501547	PA284	045 121 011F	PA879	077 121 004M	PA764
		82 00 088 663	PA632	7507460	PA284	045 121 011G	PA875	077 121 004MX	PA764
		82 00 129 206	PA803	8817900	PA284	045 121 011H	PA879	077 121 004N	PA764
		82 00 146 297	PA724A	8817918	PA413	047 121 013J	PA804	HB032000 01	PA088
		82 00 146 298	PA822	8821944	PA637	050 121 010	PA779	SE020032000A	PA088
		82 00 238 333	PA820	8822710	PA636	050 121 010A	PA779		
		82 00 266 947	PA632	8822744	PA636	050 121 010AV	PA779		
		82 01 013 780	PA803	8822793	PA636	050 121 010AX	PA779		
				90502378	PA730	050 121 010C	PA779	SKODA	
				90543935	PA727	050 121 010X	PA779		
				9307893	PA284	066 121 011C	PA658	007 070 243	PA966
				93178713	PA672	06A 121 011F	PA655	007 070 246	PA619
				93179114	PA901	06A 121 011G	PA655	007 070 251	PA691
				93181118	PA957	06A 121 011H	PA655	026 121 005E	PA279
				9321670	PA413	06A 121 011L	PA655	026 121 005G	PA279
				9321688	PA638	06A 121 011R	PA980	026 121 005H	PA279
				9321951	PA636	06A 121 011T	PA655	026 121 010F	PA579
						06A 121 012	PA655	026 121 004	PA609
						06B 121 011	PA904	028 121 004V	PA609
						06B 121 011A	PA904	028 121 004X	PA609
						06B 121 011B	PA904	030 121 005N	PA603
						06B 121 011BV	PA904	030 121 005NV	PA603
						06B 121 011BX	PA904	030 121 005NX	PA603
						06B 121 011C	PA904	030 121 005T	PA603
						06B 121 011CV	PA904	030 121 005TX	PA603
						06B 121 011CX	PA904	030 121 008D	PA603
						06B 121 011E	PA904	036 121 005B	PA674
						06B 121 011EV	PA904	036 121 005E	PA674
						06B 121 011EX	PA904	036 121 005Q	PA674
						06F 121 011	PA980	036 121 005QX	PA674
						071 121 005	PA658	036 121 005S	PA674
						4736009	PA559	036 121 008K	PA674
						4714636	PA178	037 121 005C	PA279
						4754850	PA178	037 121 010	PA579
						4755003	PA161	037 121 010A	PA579
						4764761	PA178	037 121 010C	PA579
						4764782	PA161	038 121 011	PA731
						5882691	PA559	038 121 011A	PA731
						5882695	PA054	038 121 011AV	PA731
						5882695	PA554	038 121 011AX	PA731
						5890406	PA559	038 121 011C	PA762
						7303009	PA178	038 121 011D	PA762
						7303050	PA161	038 121 011G	PA878
						BA032099 01	PA006	038 121 011H	PA905
						BD032001 02	PA006	03C 121 005B	PA939
						EA032001 01	PA008	03C 121 005C	PA939
						ED032001 00	PA008	03C 121 005D	PA954
						FA032000 00	PA016	03D 121 005	PA855
						FA032000 03	PA020	03D 121 013B	PA855
						FD032000 00	PA017	03G 121 011	PA905
						FD032001 00	PA017	045 121 011B	PA761
						FL032000 00	PA162	045 121 011C	PA806
						GE032000 01	PA089	045 121 011F	PA879
						GE032000 02	PA163	045 121 011G	PA875

Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.
SKODA		21110-AA015	PA333	TALBOT		16100-69305	PA936	026 121 010	PA579
		21110-AA016	PA333			16100-69335	PA936	026 121 010A	PA546
		21110-AA050	PA743			16100-69435	PA714	026 121 010AV	PA546
045 121 011H	PA879	21110-AA060	PA744	1201.39	PA256	16100-76030	PA929	026 121 010C	PA579
047 121 011	PA619	21111-AA000	PA519A	1201.45	PA197	16100-79035	PA771	026 121 010CV	PA579
047 121 011A	PA663	21111-AA001	PA519A	1201.63	PA256	16100-79036	PA771	026 121 010CX	PA579
047 121 011B	PA691	21111-AA002	PA519A	1202.58	PA147	16100-79037	PA771	026 121 010D	PA546
047 121 013K	PA988	21111-AA003	PA519A	1202.96	PA129	16100-79095	PA794	026 121 010DV	PA546
047 121 013L	PA805	21111-AA004	PA519A	32461Q	PA197	16100-79165	PA929	026 121 010DX	PA546
047 121 013M	PA805	21111-AA005	PA519A	44854W	PA197	16100-79185	PA715	026 121 010F	PA579
047 121 013P	PA805	21111-AA006	PA519A	49152500	PA197	16100-79225	PA720	026 121 010FV	PA579
047 121 013R	PA805	21111-AA007	PA519A			16100-79235	PA716	026 121 010FX	PA579
059 121 004E	PA868	21111-AA011	PA519A			16100-80003	PA1020	026 121 010V	PA579
06A 121 011C	PA655	21111-AA020	PA924			16110-09021	PA713	026 121 010X	PA579
06A 121 011E	PA655	21111-AA021	PA924	TOYOTA		16110-15070	PA768	028 121 004	PA609
06A 121 011F	PA655	21111-AA022	PA924			16110-19045	PA772	028 121 004V	PA609
06A 121 011G	PA655	21111-AA026	PA924	16100-09050	PA713	16110-19046	PA772	028 121 004X	PA609
06A 121 011H	PA655	21111-AA060	PA1008	16100-09051	PA713	16110-19047	PA772	030 121 004A	PA425
06A 121 011HV	PA655	21111-AA061	PA1008	16100-09051	PA713	16110-19055	PA718	030 121 004B	PA425
06A 121 011HX	PA655	21111-AA065	PA1008	16100-09060	PA719	16110-19055	PA766	030 121 005H	PA425
06A 121 011L	PA655	21111-AA270	PA1008	16100-09061	PA719	16110-19055	PA766	030 121 005L	PA425
06A 121 011LV	PA655	41076-7000	PA743	16100-09080	PA919	16110-19065	PA766	030 121 005LV	PA425
06A 121 011LV	PA655	41076-7100	PA744	16100-09130	PA919	16110-19076	PA768	030 121 005LV	PA425
06A 121 011R	PA980	41076-7200	PA743	16100-09141	PA827	16110-19085	PA768	030 121 005LX	PA425
06A 121 011T	PA655	41076-7300	PA744	16100-09240	PA1020	16110-19086	PA768	030 121 005N	PA603
06A 121 012	PA655			16100-09340	PA1001	16110-19095	PA718	030 121 005NV	PA603
06B 121 011	PA904			16100-09450	PA1020	16110-19095	PA766	030 121 005NX	PA603
06B 121 011A	PA904			16100-19015	PA351	16110-19105	PA718	030 121 005S	PA676
06B 121 011B	PA904			16100-19105	PA791	16110-19105	PA766	030 121 005T	PA603
06B 121 011BV	PA904			16100-19106	PA791	16110-19106	PA718	030 121 005TX	PA603
06B 121 011BX	PA904			16100-19115	PA793	16110-19106	PA766A	030 121 008A	PA676
06B 121 011C	PA904	17400-50812	PA738	16100-19195	PA718	16110-19107	PA718	030 121 008C	PA676
06B 121 011CX	PA904	17400-60810	PA726	16100-19205	PA768	16110-19165	PA793	030 121 008D	PA603
06B 121 011C	PA904	17400-60811	PA726	16100-19205	PA718	16110-19175	PA944	031 121 004	PA423
06B 121 011CX	PA904	17400-60813	PA726	16100-19225	PA718	16110-19176	PA944	031 121 004A	PA423
06B 121 011E	PA904	17400-60814	PA726	16100-19226	PA718	16110-19176	PA944	031 121 004AV	PA423
06B 121 011EV	PA904	17400-60814	PA726	16100-19235	PA923	16110-19185	PA944	031 121 004AX	PA423
06B 121 011EX	PA904	17400-60815	PA726	16100-19235	PA923	16110-19185	PA1005	031 121 004AX	PA423
06B 121 011EX	PA904	17400-60A02	PA726	16100-19295	PA945	16110-19185	PA712	031 121 004X	PA423
06F 121 011	PA980	17400-60A04	PA726	16100-19296	PA945	16110-19205	PA352	031 121 005A	PA423
078 121 004H	PA618A	17400-60D01	PA738	16100-19305	PA717	16110-28010	PA352	031 121 005A	PA423
078 121 004HV	PA618A	17400-60D01	PA738	16100-22010	PA212	16110-63010	PA479	031 121 005C	PA423
078 121 004HX	PA618A	17400-61810	PA738	16100-25010	PA210	16110-69035	PA479	031 121 005CV	PA423
078 121 004J	PA618A	17400-61820	PA926	16100-25011	PA210	16110-69036	PA479	031 121 005CX	PA423
078 121 004JX	PA618A	17400-69G00	PA946	16100-25012	PA210	16110-69036	PA479	031 121 005CX	PA423
078 121 004JV	PA618A	17400-69G01	PA946	16100-25012	PA210	16110-79026	PA715	035 121 004	PA103
078 121 004JX	PA618A	17400-70B00	PA946	16100-28040	PA912	SU001-00596	PA859	035 121 004A	PA103
078 121 004QX	PA618A	17400-73831	PA738	16100-29016	PA212			035 121 004AV	PA103
078 121 004Q	PA618A	17400-73831	PA1014	16100-29016	PA212			035 121 004AX	PA103
078 121 004QX	PA618A	17400-73J00	PA859	16100-29025	PA209			035 121 004AX	PA103
078 121 006	PA618A	17400-77810	PA1017	16100-29026	PA209			035 121 005E	PA103
113 050 000	PA263	17400-78820	PA774	16100-29027	PA213			036 121 005	PA654
113 050 001	PA316	17400-78821	PA774	16100-29028	PA213			036 121 005B	PA674
115 050 001	PA663	17400-78E00	PA786	16100-29028	PA213			036 121 005D	PA654
		17400-78E00	PA786	16100-29045	PA211	16100-29027	PA213	036 121 005D	PA654
		17400-82811	PA725	16100-29045	PA211	16100-29028	PA213	036 121 005E	PA674
		17400-82812	PA725	16100-29046	PA211	16100-29029	PA213	036 121 005F	PA765
		17400-82812	PA725	16100-29047	PA211	16100-39345	PA486	036 121 005J	PA654
		17400-82823	PA773	16100-29047	PA211	16100-39345	PA486	036 121 005J	PA654
		17400-82824	PA773	16100-29095	PA919	16100-39346	PA486	036 121 005M	PA654
		17400-82850	PA773	16100-29115	PA826	16100-59135	PA775	036 121 005P	PA765
		17400-82851	PA773	16100-29125	PA827	16100-59136	PA775	036 121 005Q	PA674
3165V003000000	PA819	17400-82851	PA773	16100-29125	PA827	16100-59137	PA775	036 121 005Q	PA674
4681V002000000	PA819	17400-83810	PA725	16100-29135	PA963	16100-59137	PA775	036 121 005QX	PA674
A135 200 00 01	PA986	17400-83810	PA725	16100-29145	PA952	16100-59138	PA775	036 121 005R	PA674
A640.200.03.01	PA978	17400-83811	PA725	16100-29155	PA864	16100-59155	PA767	036 121 005S	PA674
		17400-83812	PA725	16100-29155	PA864	16100-59155	PA767	036 121 005S	PA674
		17400-83814	PA725	16100-29175	PA953	16100-69295	PA714	036 121 008G	PA765
		17400-83814	PA725	16100-29175	PA953	16100-69296	PA714	036 121 008K	PA674
		17400-83815	PA975	16100-29185	PA961	16100-69296	PA714	036 121 008K	PA674
		17410-66G00	PA911	16100-29195	PA864	16100-79035	PA771	037 121 005C	PA279
		17410-67JG0	PA907	16100-29415	PA953	16100-79036	PA771	037 121 010	PA579
		17410-84A00	PA821	16100-39315	PA535	16100-79037	PA771	037 121 010A	PA579
102 200 62 01	PA495	17410-84A20	PA821	16100-39316	PA535			037 121 010C	PA579
104 200 46 01	PA584	17410-84A20	PA821	16100-39317	PA535			037 121 010C	PA579
602 200 02 20	PA448	17410-85E00	PA887	16100-39317	PA535			038 121 011	PA731
				16100-39345	PA486			038 121 011A	PA731
				16100-39346	PA486			038 121 011AV	PA731
				16100-39395	PA890			038 121 011AX	PA731
				16100-59135	PA775			038 121 011C	PA762
				16100-59136	PA775			038 121 011D	PA762
				16100-59137	PA775			038 121 011G	PA878
				16100-59138	PA775			038 121 011H	PA905



Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.
VOLKSWAGEN		078 121 004Q	PA618A	038 121 011AV	PA731	VOLVO		WO-003	PA441
		078 121 006	PA618A	038 121 011AX	PA731			WO-003	PA325
		VOLKSWAGEN LCV		045 121 011F	PA879			WO-004	PA442
045 121 011B	PA761			045 121 011H	PA879	1218158	PA360	WO-006	PA696
045 121 011C	PA806			048 121 011	PA233	1257185	PA102	WO-011	PA572
045 121 011F	PA879			052 121 004	PA148	1326342	PA312	WP-7801	PA999
045 121 011G	PA875			052 121 004V	PA148	1336029	PA314	WPA-001	PA420A
045 121 011H	PA879	00A 121 010	PA677	052 121 004X	PA148	270559	PA312	WPA-002	PA802
047 121 013J	PA804	00A 121 010A	PA677	052 121 005	PA148	270681	PA114	WPA-002	PA671
050 121 010	PA779	021 121 004	PA617	052 121 005A	PA148	271275	PA312	WPD-007	PA798
050 121 010A	PA779	021 121 004A	PA617	052 121 019	PA148	271613	PA102	WPD-009	PA305
050 121 010AV	PA779	023 121 004	PA424	055 121 010	PA546	271647	PA749	WPD-021	PA555
050 121 010AX	PA779	023 121 004V	PA424	055 121 010X	PA546	271768	PA758	WPD-023	PA1004
050 121 010C	PA779	023 121 004X	PA424	056 121 005A	PA146	271830	PA312	WPD-905	PA556
050 121 010X	PA779	025 121 010A	PA319	056 121 011	PA546	271975	PA312	WPF-002	PA519A
052 121 004	PA148	025 121 010AV	PA319	056 121 013A	PA546	271984	PA666	WPF-003	PA333
052 121 004V	PA148	025 121 010AX	PA319	060 121 011	PA233	271985	PA749	WPF-005	PA744
052 121 004X	PA148	025 121 010B	PA320	062 121 010	PA1010	271986	PA749	WPF-006	PA924
052 121 005	PA148	025 121 010BV	PA320	062 121 010A	PA1011	272334	PA865	WPF-008	PA1008
052 121 005A	PA148	025 121 010BX	PA320	068 121 005	PA146	272457	PA749	WPF-011	PA523
052 121 019	PA148	025 121 010C	PA344	068 121 005A	PA279	272476	PA749	WPF-012	PA743
055 121 010	PA546	025 121 010CV	PA344	068 121 005B	PA146	272481	PA749	WPF006	PA924
055 121 010X	PA546	025 121 010CX	PA344	068 121 005C	PA146	272482	PA666	WPG-001	PA809
056 121 005A	PA146	026 121 005A	PA279	068 121 005X	PA146	274155	PA758	WPG-004	PA797
056 121 011	PA546	026 121 005C	PA279	068 121 010	PA546	274216	PA824	WPG-014	PA811
056 121 013A	PA546	026 121 005E	PA279	068 121 010A	PA579	275619	PA114	WPG-018	PA571
059 121 004B	PA675	026 121 005G	PA279	068 121 010AX	PA579	30620725	PA822	WPH-001	PA943
059 121 004C	PA675	026 121 005H	PA279	069 121 004	PA102	30711527	PA938	WPH-001	PA563
059 121 004D	PA675	026 121 010	PA579	069 121 004V	PA102	30731312	PA903	WPH-002	PA428
059 121 004E	PA868	026 121 010A	PA546	069 121 004X	PA102	30735758	PA612	WPH-003	PA459
066 121 011C	PA658	026 121 010AV	PA546	069 121 005D	PA102	30751700	PA749	WPH-006	PA925
068 121 005	PA146	026 121 010C	PA579	06A 121 011C	PA655	30751971	PA938	WPH-006	PA668
068 121 005A	PA279	026 121 010CV	PA579	06A 121 011E	PA655	30777590	PA903	WPH-011	PA669
068 121 005B	PA146	026 121 010CX	PA579	06A 121 011F	PA655	30855991	PA531	WPH-013	PA778
068 121 005C	PA146	026 121 010D	PA546	06A 121 011G	PA655	30874316	PA732	WPH-014	PA385
068 121 005X	PA146	026 121 010DV	PA546	06A 121 011H	PA655	3100979	PA581	WPH-015	PA670
068 121 010	PA546	026 121 010DX	PA546	06A 121 011HV	PA655	3267343	PA081	WPH-017	PA456
068 121 010A	PA579	026 121 010F	PA579	06A 121 011HX	PA655	3283043	PA331	WPH-018	PA564
068 121 010AX	PA579	026 121 010FV	PA579	06A 121 011L	PA655	3287335	PA282	WPH-024	PA549
06A 121 011C	PA655	026 121 010FX	PA579	06A 121 011LV	PA655	3287751	PA531	WPH-043	PA949
06A 121 011E	PA655	026 121 010V	PA579	06A 121 011LX	PA655	3343093	PA531	WPH-901	PA897
06A 121 011F	PA655	026 121 010X	PA579	06A 121 011T	PA655	3344250	PA282	WPH-902	PA562
06A 121 011G	PA655	028 121 004	PA609	06A 121 012	PA655	3344251	PA531	WPH-903	PA1018
06A 121 011H	PA655	028 121 004V	PA609	06B 121 011	PA904	3344252	PA314	WPH-904	PA896
06A 121 011HV	PA655	028 121 004X	PA609	06B 121 011A	PA904	3345626	PA531	WPH-907	PA876
06A 121 011HX	PA655	030 121 004A	PA425	06B 121 011B	PA904	418327	PA085	WPH-908	PA668
06A 121 011L	PA655	030 121 004B	PA425	06B 121 011BV	PA904	419689	PA085	WPM-001	PA697
06A 121 011LV	PA655	030 121 005H	PA425	06B 121 011BX	PA904	419691	PA085	WPM-002	PA700
06A 121 011LX	PA655	030 121 005L	PA425	06B 121 011C	PA904	463425	PA114	WPM-004	PA780
06A 121 011R	PA980	030 121 005LV	PA425	06B 121 011CV	PA904	8653806	PA861	WPM-006	PA997
06A 121 011T	PA655	030 121 005LX	PA425	06B 121 011CX	PA904	8692839	PA898	WPM-009	PA782
06A 121 012	PA655	030 121 005N	PA603	06B 121 011E	PA904	8694627	PA865	WPM-010	PA922
06B 121 011	PA904	030 121 005NV	PA603	06B 121 011EV	PA904	8694630	PA824	WPM-012	PA702
06B 121 011A	PA904	030 121 005NX	PA603	06B 121 011EX	PA904			WPM-014	PA795
06B 121 011B	PA904	030 121 005T	PA603	06B 121 011H	PA904			WPM-017	PA789
06B 121 011BV	PA904	030 121 005TX	PA603	06B 121 011L	PA904			WPM-029	PA701
06B 121 011BX	PA904	030 121 008D	PA603	06E 121 005D	PA979			WPM-031	PA920
06B 121 011C	PA904	031 121 004	PA423	06E 121 005F	PA979			WPM-033	PA732
06B 121 011CV	PA904	031 121 004A	PA423	070 121 011A	PA982	4471378	PA088	WPM-037	PA935
06B 121 011CX	PA904	031 121 004AV	PA423	070 121 011C	PA982	5882695	PA054	WPM-045	PA799
06B 121 011E	PA904	031 121 004AX	PA423	070 121 011D	PA982	5882695	PA554	WPM-046	PA796
06B 121 011EV	PA904	031 121 004X	PA423	073 121 004V	PA384			WPM-047	PA930
06B 121 011EX	PA904	031 121 005A	PA423	073 121 004X	PA384			WPM-048	PA918
06B 121 011H	PA904	031 121 005C	PA423	073 121 005	PA384			WPM-055	PA1009
06B 121 011L	PA904	031 121 005CV	PA423	074 121 004	PA758			WPM-056	PA776
06E 121 005D	PA979	031 121 005CX	PA423	074 121 004A	PA758			WPM-904	PA531
06E 121 005F	PA979	036 121 005B	PA674	074 121 004V	PA758	WE-CI01	PA491	WPM-908	PA1016
06F 121 011	PA980	036 121 005E	PA674	074 121 004X	PA758	WE-LR01	PA565	WPM-910	PA1012
070 121 011A	PA982	036 121 005Q	PA674	074 121 005N	PA758	WE-RE01A	PA822	WPM-911	PA1003
070 121 011C	PA982	036 121 005QX	PA674	J16100 39346	PA486	WE-RE02A	PA821	WPN-001	PA493A
070 121 011D	PA982	036 121 005S	PA674	J16100-79035	PA771	WE-RE03A	PA907	WPN-002	PA814
071 121 005	PA658	036 121 008K	PA674	J16100-79036	PA771	WE-VW01	PA655	WPN-003	PA434
077 121 004M	PA764	037 121 005C	PA279	J16100-79037	PA771	WM-901	PA937	WPN-004	PA813
077 121 004MX	PA764	037 121 010	PA579			WM901	PA937	WPN-008	PA635
077 121 004N	PA764	037 121 010A	PA579			WN-076	PA660	WPN-009	PA703
078 121 004H	PA618A	037 121 010C	PA579			WO-001	PA694	WPN-010	PA539
078 121 004HX	PA618A	038 121 011	PA731			WO-002	PA695	WPN-011	PA602
078 121 004J	PA618A	038 121 011A	PA731			WO-002	PA443	WPN-012	PA770



Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.	Ad. to	GRAF ref.
AISIN		WPT-901	PA716	GWF-17A	PA266	GWM-44A	PA702	GWO-11A	PA235
		WPT-902	PA911	GWF-18A	PA117	GWM-45A	PA776	GWO-12A	PA409
		WPT-902	PA391	GWF-18A	PA517	GWM-46A	PA782	GWO-13A	PA442
WPN-013	PA203	WPT-904	PA936	GWF-25A	PA130	GWM-47A	PA799	GWO-14AP	PA244
WPN-014	PA508	WPT-909	PA919	GWF-40A	PA232	GWM-48A	PA918	GWO-15A	PA326
WPN-015	PA611	WPT-910A	PA827	GWF-46A	PA118	GWM-52A	PA701	GWO-16A	PA541
WPN-018	PA788	WPT-911	PA912	GWF-47A	PA083	GWM-54A	PA1009	GWO-17A	PA577
WPN-020	PA435	WPT-912	PA1020	GWF-49A	PA322	GWM-55A	PA935	GWO-18A	PA572A
WPN-021	PA201	WPT-913	PA952	GWF-65A	PA321	GWM-56A	PA796	GWO-18A	PA572
WPN-024	PA540	WPY-006	PA1024	GWF-86A	PA400	GWM-57A	PA930	GWP-01A	PA074
WPN-026	PA781	WPY-007	PA829	GWF-87A	PA323	GWM-58A	PA937	GWP-02A	PA096
WPN-027	PA812	WPY-015	PA1002	GWF-88A	PA401	GWM-59A	PA732	GWP-03A	PA073
WPN-032	PA202	WPY-020	PA950	GWF-89A	PA640	GWM-60A	PA920	GWP-04A	PA188
WPN-033	PA777	WPY-021	PA972	GWF-89A	PA589A	GWM-67A	PA789	GWP-04A	PA147
WPN-035	PA436	WPZ-001	PA437A	GWF-90A	PA509	GWM-69A	PA789	GWP-05A	PA190
WPN-054	PA932	WPZ-002	PA783	GWFI-01A	PA554	GWM-70A	PA999	GWP-06A	PA252
WPN-058	PA538	WPZ-003	PA439	GWFI-02A	PA018	GWM-77A	PA697	GWP-07A	PA251
WPN-059	PA927	WPZ-006	PA551	GWFI-03A	PA163	GWM-79A	PA1012	GWR-01A	PA081
WPN-061	PA784	WPZ-010	PA790	GWFI-04A	PA016	GWM-81A	PA1003	GWR-02A	PA047
WPN-063	PA537	WPZ-012	PA800	GWFI-05A	PA162	GWM-83A	PA1000	GWR-02A	PA547
WPN-070	PA648	WPZ-014	PA786	GWFI-06A	PA575	GWMZ-03A	PA208	GWR-03A	PA142
WPN-087	PA995	WPZ-016	PA921	GWFI-07A	PA559	GWMZ-21A	PA551	GWR-06A	PA531
WPN-904	PA932	WPZ-017	PA928	GWFI-09A	PA089	GWMZ-25A	PA790	GWR-11A	PA595
WPN-909	PA823	WPZ-901	PA1015	GWFI-10A	PA088	GWMZ-29A	PA800	GWR-11A	PA550
WPN-910	PA830	WPZ-903	PA931	GWFI-10AH	PA088	GWMZ-30A	PA786	GWR-12A	PA531
WPN002	PA814	WPZ-909	PA917	GWFI-11A	PA019	GWMZ-32A	PA783	GWS-08A	PA725
WPN070	PA648	WPZ-911	PA639	GWFI-12A	PA596	GWMZ-35A	PA439	GWS-11A	PA774
WPO-001	PA738	WPZ-912	PA612	GWFI-13A	PA286A	GWMZ-41A	PA933	GWS-12A	PA725
WPS-001	PA738	WPZ-924	PA933	GWG-46A	PA695	GWMZ-42A	PA917	GWS-15A	PA773
WPS-002	PA774	WPZ-925	PA741	GWG-87A	PA695	GWMZ-43A	PA917	GWS-16A	PA726
WPS-004	PA725	WT-021	PA209	GWG-88A	PA695	GWMZ-50A	PA928	GWS-19A	PA738
WPS-004	PA975	WT-022	PA213	GWG-89A	PA443	GWMZ-51A	PA921	GWS-23A	PA926
WPS-006	PA726	WV-002	PA666	GWG-90A	PA694	GWMZ-55A	PA931	GWS-30A	PA975
WPS-007	PA773	WV-003B	PA749	GWG-92A	PA696	GWMZ-58A	PA903	GWS-34A	PA946
WPS-3711A	PA1025	WV-005	PA865	GWHO-08A	PA456	GWN-02A	PA201	GWS-36A	PA1017
WPS-902	PA1017	WV-007	PA312	GWHO-11A	PA549	GWN-03A	PA202	GWSA-02A	PA284
WPS-904	PA1014	WY-001	PA780	GWHO-19A	PA782	GWN-05A	PA203	GWSA-03A	PA413
WPS-907	PA946	WY-003	PA698	GWHO-22A	PA385	GWN-20A	PA777	GWSU-03A	PA744
WPS-908	PA887	WY-004	PA877	GWHO-23A	PA459	GWN-23AF	PA812	GWSU-04A	PA743
WPT-001	PA767	WY-006	PA934	GWHO-24A	PA778	GWN-24A	PA434	GWSU-11A	PA523
WPT-002	PA936	WZ-003	PA933	GWHO-26A	PA428	GWN-29A	PA436	GWSU-12A	PA519A
WPT-003	PA768	WZ-004	PA208	GWHO-28A	PA563	GWN-31A	PA540	GWSU-13A	PA333
WPT-003	PA713	WZ-008	PA921	GWHO-32A	PA925	GWN-35A	PA435	GWSU-15A	PA924
WPT-004	PA714			GWHO-33A	PA896	GWN-36A	PA602	GWSU-16A	PA1008
WPT-007	PA486			GWHO-34A	PA564	GWN-39A	PA538	GWT-01A	PA210
WPT-008	PA772			GWHO-37A	PA385	GWN-40A	PA927	GWT-02A	PA212
WPT-010	PA715			GWHO-39A	PA669	GWN-41A	PA813	GWT-03A	PA209
WPT-013	PA775			GWHO-40A	PA897	GWN-42A	PA493A	GWT-09A	PA213
WPT-014	PA929	GWBE-01A	PA133	GWHO-46A	PA670	GWN-44A	PA537	GWT-100A	PA826
WPT-015	PA923	GWBE-02A	PA105	GWHO-47A	PA949	GWN-46AF	PA814	GWT-101A	PA864
WPT-016	PA771	GWBE-02A	PA134	GWHO-48A	PA876	GWN-48A	PA508	GWT-102	PA827
WPT-017	PA535	GWBE-03A	PA106	GWHO-50A	PA971	GWN-49A	PA434	GWT-102A	PA827
WPT-018	PA712	GWBL-01A	PA187	GWHO-54A	PA668	GWN-51A	PA648	GWT-10A	PA211
WPT-022	PA791	GWBL-11A	PA587	GWHO-55A	PA876	GWN-52A	PA703	GWT-117A	PA718
WPT-031	PA351	GWBL-14A	PA375	GWHY-08A	PA1025	GWN-53A	PA781	GWT-119A	PA912
WPT-033	PA717	GWBL-17A	PA374	GWHY-11A	PA934	GWN-55A	PA770	GWT-121A	PA1005
WPT-033	PA719	GWBL-18A	PA427	GWHY-15A	PA877	GWN-56A	PA635	GWT-122A	PA720
WPT-044	PA720	GWBM-01A	PA149	GWHY-17A	PA697	GWN-57A	PA635	GWT-123A	PA963
WPT-046	PA713	GWBM-03A	PA115	GWHY-19A	PA877	GWN-58A	PA539	GWT-124A	PA952
WPT-046	PA768	GWBM-04A	PA243	GWHY-20A	PA829	GWN-62A	PA660	GWT-133A	PA953
WPT-049	PA352	GWBM-05A	PA379	GWHY-32A	PA829	GWN-63A	PA788	GWT-30A	PA351
WPT-055	PA793	GWBM-06A	PA380	GWHY-35A	PA698	GWN-64A	PA995	GWT-31A	PA352
WPT-060	PA794	GWBM-07A	PA053	GWIS-19A	PA810	GWN-65AF	PA932	GWT-41A	PA535
WPT-078	PA944	GWBM-08A	PA369	GWIS-20A	PA797	GWN-68A	PA539	GWT-53A	PA479
WPT-079	PA211	GWBM02A	PA264	GWIS-25A	PA811	GWN-72A	PA611	GWT-54A	PA771
WPT-082	PA1005	GWCR-30A	PA688	GWIS-28A	PA811	GWN-73A	PA830	GWT-57A	PA714
WPT-085	PA210	GWD-17A	PA305	GWIS-36A	PA811	GWN-76A	PA823	GWT-58A	PA772
WPT-090	PA768	GWD-27A	PA798	GWIS25A	PA809	GWO-01A	PA044	GWT-61A	PA775
WPT-097	PA479	GWD-32A	PA556	GWKR-105A	PA1002	GWO-02A	PA046	GWT-63A	PA793
WPT-106	PA919	GWD-35A	PA555	GWKR-105A	PA972	GWO-03A	PA150	GWT-64A	PA486
WPT-106	PA953	GWD-50A	PA1004	GWKR205A	PA437A	GWO-04A	PA234	GWT-67A	PA794
WPT-107	PA718	GWF-01A	PA091	GWM-12A	PA997	GWO-05AP	PA441	GWT-68A	PA766
WPT-107	PA766	GWF-03A	PA131	GWM-17A	PA697	GWO-06A	PA441	GWT-71A	PA936
WPT-108	PA945	GWF-04A	PA036	GWM-23A	PA780	GWO-06A	PA108	GWT-77A	PA715
WPT-111	PA864	GWF-09A	PA193	GWM-27A	PA922	GWO-07A	PA234	GWT-78A	PA768
WPT-117	PA826	GWF-107AH	PA832	GWM-32A	PA700	GWO-08AP	PA121	GWT-79A	PA767
WPT-118	PA961	GWF-10A	PA153	GWM-39A	PA700	GWO-09A	PA236	GWT-83A	PA712
WPT-120	PA963	GWF-14A	PA174	GWM-40A	PA795	GWO-10A	PA325	GWT-83AH	PA945

GRAF ref.	MARCA MAKE	PAGINA PAGE	GRAF ref.	MARCA MAKE	PAGINA PAGE	GRAF ref.	MARCA MAKE	PAGINA PAGE
PA006	Fiat / Seat	108, 420	PA118	Ford Lcv	178	PA189	Ford Europe / Peugeot	160, 162, 344
PA008	Fiat / Seat	108, 420	PA119	Mercedes Benz	256, 260, 264, 266, 268	PA190	Peugeot	340, 342, 344
PA016	Fiat / Fiat Lcv / Seat	104, 140, 420				PA191	Fiat Lcv	140
PA017	Fiat / Seat	104, 106, 420	PA121	Bedford / Opel / Vauxhall	48, 302, 322	PA192	Peugeot	344
PA018	Fiat / Fso Polsky	108, 182				PA193	Ford Lcv	178
PA019	Fiat / Fso Polsky	108, 182	PA123	Peugeot	344, 346	PA194	Renault	372, 374
PA020	Fiat / Seat	104, 420	PA127	Renault / Renault Lcv	382, 386, 388, 406, 408	PA197	Citroën Lcv / Peugeot / Talbot	96, 332, 334, 338, 444
PA023	Iveco	200						
PA031	Iveco	198, 200, 202	PA128	Peugeot	346	PA198	Renault	356
PA036	Ford Europe / Ford Lcv / Saab	146, 148, 160, 178, 418, 420	PA129	Peugeot / Talbot	346, 444	PA201	Nissan / Nissan Lcv	288, 290, 294, 296, 300
			PA130	Ford Europe	146, 148, 160, 162, 174			
PA041	Lancia	218	PA131	Ford Europe / Ford Lcv	146, 148, 150, 162, 170, 172, 174, 178, 180	PA202	Nissan / Nissan Lcv	288, 290, 298
PA044	Opel / Vauxhall	300, 302, 308, 312, 316, 318, 320, 322				PA203	Nissan / Nissan Lcv	290, 292, 298, 300
PA046	Opel / Vauxhall	302, 312, 314, 316, 318				PA208	Mazda	224, 226, 230
PA047	Renault / Renault Lcv	388, 390, 402	PA133	Mercedes Benz	234	PA210	Daihatsu / Toyota	102, 446, 448, 450, 458
			PA134	Mercedes Benz	234, 256, 260, 262, 264, 266, 268			
PA051	Alfa Romeo	12, 14	PA135	Mercedes Benz	234	PA211	Toyota	450, 458
PA053	Bmw	48, 50				PA212	Toyota	450
PA054	Fiat / Innocenti / Seat / Zastava	106, 140, 196, 420, 530	PA139	Renault	372	PA213	Daihatsu / Toyota / Toyota Lcv	102, 450, 460, 462
			PA140	Renault / Renault Lcv	388, 402			
PA073	Peugeot	340	PA141	Renault	388	PA230	Fiat / Seat	126, 424, 428
PA074	Peugeot	340	PA142	Renault / Renault Lcv	388, 390, 402	PA232	Ford Europe / Ford Lcv	152, 154, 156, 166, 176
PA076	Fiat	108	PA145	Audi	16			
PA077	Iveco	200, 202	PA146	Audi / Volkswagen / Volkswagen Lcv	16, 20, 22, 24, 466, 468, 478, 480, 482, 484, 486, 488, 500, 502, 504, 512, 514	PA233	Audi / Porsche / Volkswagen Lcv	16, 352, 510
PA079	Citroën	86				PA234	Opel / Vauxhall	300, 302, 308, 312, 314, 316, 318, 320, 322
PA081	Renault / Renault Lcv / Volvo	372, 400, 518, 520				PA147	Citroën / Citroën Lcv / Peugeot / Renault / Talbot	80, 82, 86, 88, 96, 332, 334, 372, 444
PA083	Ford Europe	148, 162, 170, 176	PA236	Bedford / Opel / Vauxhall / Opel Lcv / Vauxhall Lcv	48, 304, 314, 316, 330			
PA085	Volvo	516, 524	PA237	Opel / Vauxhall	302, 322			
PA086	Alfa Romeo	12, 14	PA240	Citroën / Citroën Lcv / Fiat Lcv / Peugeot Lcv	84, 86, 96, 142, 350			
PA088	Fiat / Fiat Lcv / Innocenti / Lancia / Seat / Seat Lcv / Zastava	106, 116, 136, 142, 196, 214, 420, 424, 428, 430, 530	PA148	Audi / Volkswagen / Volkswagen Lcv	20, 22, 464, 466, 468, 480, 484, 486, 494, 496, 500, 502, 512	PA243	Bmw	50, 52, 54, 62, 64
PA089	Fiat / Seat	104, 106, 108, 420	PA149	Bmw	50, 62	PA244	Bedford / Opel / Vauxhall	48, 302, 318, 322
PA091	Ford Europe	146, 148, 150	PA150	Opel / Vauxhall	302, 314, 318			
PA095	Peugeot	332, 334, 336	PA153	Ford Europe / Ford Lcv	150, 152, 154, 166, 176	PA245	Renault	388
PA096	Peugeot	340				PA246	Peugeot	344, 346
PA098	Alfa Romeo	10	PA154	Peugeot	332, 336	PA247	Renault / Renault Lcv	354, 356, 374, 398, 400
PA100	Fiat Lcv	140	PA156	Peugeot	344, 346			
PA101	Alfa Romeo / Nissan	2, 6, 8, 10, 12, 288	PA157	Peugeot Lcv	350	PA248	Fiat	108
			PA158	Peugeot Lcv	350			
PA102	Audi / Volkswagen Lcv / Volvo	16, 18, 510, 512, 518, 520, 522	PA159	Fiat / Fiat Lcv / Innocenti / Lancia	106, 108, 114, 122, 136, 138, 142, 196, 222	PA251	Peugeot	342, 344, 346
						PA252	Peugeot	342, 344, 346
PA103	Audi / Volkswagen	16, 18, 20, 24, 28, 30, 32, 44, 46, 488, 502	PA161	Fiat / Iveco / Seat	108, 204, 420	PA256	Citroën / Citroën Lcv / Peugeot / Talbot	82, 88, 94, 96, 334, 336, 338, 340, 444
			PA162	Fiat / Seat	108, 110, 420			
PA105	Mercedes Benz / Mercedes Benz Lcv	234, 252, 256, 260, 262, 264, 266, 268, 272, 274	PA163	Fiat / Seat	104, 106, 108, 420	PA257	Alfa Romeo	10, 12, 14
			PA165	Citroën Lcv / Fiat Lcv	98, 140			
PA106	Mercedes Benz	256, 262	PA168	Fiat / Lancia	108, 214, 222	PA263	Skoda	430, 432, 434
PA108	Bedford / Opel / Vauxhall / Opel Lcv / Vauxhall Lcv	48, 304, 308, 310, 314, 316, 330	PA171	Alfa Romeo	10, 12, 14	PA264	Bmw	50, 52, 62
			PA173	Mercedes Benz	234	PA266	Ford Europe	150
PA110	Renault / Renault Lcv	356, 374, 400, 404, 406, 408	PA174	Ford Europe	146, 148, 160, 162	PA268	Land Rover / Rover	224, 410
			PA178	Alfa Romeo Lcv / Iveco / Opel Lcv / Vauxhall Lcv / Renault Lcv / Seat	16, 204, 328, 398, 406, 408, 420	PA269	Fiat	122, 124, 126
PA114	Volvo	516, 518, 520, 522	PA187	Innocenti / Rover	196, 198, 412, 414, 416	PA270	Bmw	52, 54, 64
PA115	Bmw	50, 62				PA272	Mercedes Benz	260, 264, 268
PA117	Ford Europe / Ford Lcv	148, 162, 164, 170, 172, 174, 176, 178, 180	PA188	Peugeot	340, 342, 344	PA275	Alfa Romeo Lcv / Fiat Lcv	16, 142
			PA276	Fiat	110			
						PA278	Ford Europe / Ford Lcv	152, 156, 166, 176

GRAF ref.	MARCA MAKE	PAGINA PAGE	GRAF ref.	MARCA MAKE	PAGINA PAGE	GRAF ref.	MARCA MAKE	PAGINA PAGE			
PA279	Audi / Ford Europe / Seat / Seat Lcv / Skoda / Volkswagen / Volkswagen Lcv	16, 18, 20, 22, 24, 26, 28, 30, 34, 38, 42, 44, 46, 160, 420, 422, 424, 426, 428, 430, 434, 464, 466, 468, 470, 472, 474, 476, 478, 480, 482, 484, 486, 488, 490, 492, 496, 498, 500, 502, 504, 506, 508, 510, 512, 514	PA337	Fiat	106, 108	PA406	Mercedes Benz / Mercedes Benz Lcv	252, 272, 274			
			PA338A	Fiat / Fiat Lcv / Innocenti	114, 144, 196				PA407	Mercedes Benz Lcv	272, 274
			PA339A	Fiat	120, 122	PA409	Opel / Vauxhall	306, 308, 314, 316, 326	PA410	Opel / Vauxhall / Opel Lcv / Vauxhall Lcv	310, 314, 316, 330
			PA340	Fiat	140						
			PA341A	Lancia	218, 220	PA413	Saab	418	PA414A	Mercedes Benz	236, 256, 262
			PA344	Volkswagen Lcv	514						
			PA345	Alfa Romeo	4	PA416	Fiat	120	PA418	Fiat / Lancia	120, 122, 124, 126, 218, 220
			PA346	Alfa Romeo / Fiat	4, 8, 112						
			PA347	Alfa Romeo	4	PA422	Audi	18	PA423	Seat / Seat Lcv / Volkswagen / Volkswagen Lcv	428, 430, 494, 496, 512
			PA348	Citroën / Citroën Lcv / Fiat / Peugeot / Peugeot Lcv	80, 82, 86, 88, 90, 92, 94, 96, 136, 334, 336, 338, 340, 342, 346, 350, 352						
PA282	Renault / Renault Lcv / Volvo	356, 374, 400, 404, 406, 408, 518	PA352	Toyota	446, 448, 450, 452, 454	PA425	Seat / Volkswagen / Volkswagen Lcv	422, 424, 426, 468, 472, 474, 494, 496, 506, 512			
PA284	Saab	418	PA353	Renault / Renault Lcv	388, 402				PA426	Land Rover / Rover	224, 408, 410
PA285	Fiat / Fiat Lcv / Innocenti / Lancia	120, 122, 124, 126, 140, 144, 196, 218, 220	PA354	Fiat	116	PA427	Land Rover / Rover	224, 410, 412, 414, 416			
			PA355	Alfa Romeo / Fiat / Lancia	4, 112, 220				PA428	Honda / Rover	184, 186, 188, 190, 410
PA286A	Fiat / Fiat Lcv / Lancia	110, 116, 118, 126, 132, 136, 138, 144, 222	PA356	Fiat	126, 128, 130, 132, 134, 138	PA429A	Ford Europe / Ford Lcv	152, 164, 168, 172, 180, 182			
			PA357	Alfa Romeo / Fiat / Lancia	2, 130, 132, 136, 216				PA430	Bmw	52, 54, 56, 58, 60, 64, 66, 76
PA292	Fiat	138	PA358	Alfa Romeo / Fiat / Lancia	216	PA431	Bmw	54, 64, 66			
PA293	Alfa Romeo / Fiat / Lancia	4, 112, 220	PA359	Bmw	64				PA432A	Bmw	54, 56, 58, 60, 62, 64, 66, 68, 70, 74, 76
PA294	Fiat / Lancia	112, 222	PA360	Volvo	518	PA433	Nissan	292, 294, 296			
PA295	Ford Europe / Ford Lcv	162, 164, 168, 170, 172, 180	PA361	Alfa Romeo / Fiat / Lancia	126, 128, 130, 132, 134, 138	PA434	Nissan	288, 292, 294, 296			
PA296	Ford Lcv	178	PA362	Bmw	52, 54, 62, 64, 76	PA435	Nissan	290			
			PA363	Alfa Romeo / Fiat / Lancia	216				PA436	Nissan	290
PA297	Ford Europe / Peugeot	162, 164, 168, 170, 172, 346	PA364	Fiat	126, 128, 130, 132, 134, 138	PA437A	Kia / Mazda	212, 224, 226, 228, 230, 232			
			PA365	Alfa Romeo / Fiat / Lancia	2, 130, 132, 136, 216				PA438	Mazda	228, 232
PA298	Fiat / Lancia	112, 220, 222	PA366	Fiat	126, 128, 130, 132, 134, 138	PA439	Mazda	228, 232			
PA299	Alfa Romeo / Fiat / Lancia	4, 112, 220	PA367	Alfa Romeo / Fiat / Lancia	2, 130, 132, 136, 216				PA440	Ford Europe / Ford Lcv	152, 154, 156, 166, 176
PA300	Renault	388	PA368	Bmw	64	PA441	Bedford / Opel / Vauxhall / Opel Lcv / Vauxhall Lcv	48, 302, 304, 310, 314, 316, 318, 330			
PA301	Renault	388	PA369	Bmw	52, 54, 62, 64, 76	PA442	Bedford / Daewoo / Opel / Vauxhall / Opel Lcv / Vauxhall Lcv	48, 100, 304, 306, 308, 310, 314, 316, 324, 326, 328, 330			
PA302	Opel / Vauxhall	322	PA370	Bmw	64				PA443	Bedford / Opel / Vauxhall / Opel Lcv / Vauxhall Lcv	48, 304, 310, 314, 316, 324, 330
PA303	Ford Europe / Peugeot	164, 168, 346	PA371	Alfa Romeo	8, 14	PA444	Fiat Lcv	142, 146			
PA304	Seat	424, 428	PA372	Fiat	130, 132, 136, 216				PA446	Mercedes Benz	236, 244, 266, 270
PA305	Daihatsu / Innocenti	102, 104, 196, 198	PA373	Rover	410, 414, 416	PA447	Mercedes Benz	254, 256, 258, 262			
PA306	Alfa Romeo	8, 10, 14	PA374	Rover	414, 416						
PA307	Peugeot Lcv	350	PA375	Rover	414, 416						
PA308	Peugeot Lcv	350	PA376	Mercedes Benz	236, 260, 264, 268						
PA309	Peugeot Lcv	350	PA377	Mercedes Benz	236, 260, 264, 268						
PA310	Volvo	516, 518, 520, 522	PA378A	Fiat	112						
PA311	Volvo	518	PA378B	Fiat	112						
PA312	Citroën / Citroën Lcv / Peugeot Lcv	84, 86, 96, 350	PA379	Bmw	50, 62, 70, 72						
			PA380	Bmw	62, 64, 66, 70, 72						
PA313	Skoda	432, 434	PA381	Alfa Romeo	8, 14						
PA314	Iveco	204	PA382	Audi	18, 20, 28, 30, 32, 46						
PA315	Citroën / Citroën Lcv / Peugeot Lcv	84, 86, 96, 350	PA383	Audi	18, 20, 28, 30, 32, 46						
			PA384	Volkswagen Lcv	510, 512						
PA316	Skoda	432, 434	PA385	Honda / Rover	184, 188, 190, 410						
PA317	Iveco	204	PA386	Honda / Rover	184, 188, 190, 410						
PA318	Volkswagen Lcv	514	PA387	Bmw	50, 52, 54, 64, 66						
PA319	Volkswagen Lcv	514	PA388	Citroën / Citroën Lcv / Fiat / Fiat Lcv / Honda / Hyundai / Lada / Lancia / Peugeot / Peugeot Lcv / Rover	80, 86, 88, 90, 92, 94, 96, 98, 100, 136, 142, 144, 188, 194, 214, 224, 334, 336, 338, 342, 346, 348, 350, 352, 410, 412						
PA320	Ford Europe / Ford Lcv	152, 154, 156, 166, 176	PA389	Citroën / Citroën Lcv / Lada / Peugeot / Peugeot Lcv / Rover	82, 88, 90, 94, 96, 214, 334, 336, 338, 340, 342, 348, 350, 410, 412						
PA321	Ford Europe / Ford Lcv	152, 154, 156, 166, 176	PA390	Bmw	50, 52, 54, 64, 66						
PA322	Ford Europe	164, 168, 170, 172	PA391	Citroën / Citroën Lcv / Fiat / Fiat Lcv / Honda / Hyundai / Lada / Lancia / Peugeot / Peugeot Lcv / Rover	80, 86, 88, 90, 92, 94, 96, 98, 100, 136, 142, 144, 188, 194, 214, 224, 334, 336, 338, 342, 346, 348, 350, 352, 410, 412						
PA323	Ford Lcv	178, 180	PA392	Citroën / Citroën Lcv / Lada / Peugeot / Peugeot Lcv / Rover	82, 88, 90, 94, 96, 214, 334, 336, 338, 340, 342, 348, 350, 410, 412						
PA324	Bedford / Opel / Vauxhall / Opel Lcv / Vauxhall Lcv	48, 304, 314, 316, 324, 328, 330	PA393	Citroën / Citroën Lcv / Lada / Peugeot / Peugeot Lcv / Rover	82, 88, 90, 94, 96, 214, 334, 336, 338, 340, 342, 348, 350, 410, 412						
			PA394	Fiat / Lancia	118, 120, 122, 124, 138, 140, 216, 220						
PA325	Bedford / Daewoo / Opel / Vauxhall / Opel Lcv / Vauxhall Lcv	48, 100, 304, 306, 308, 312, 314, 316, 320, 324, 326, 330	PA395	Fiat	138						
PA326	Opel / Vauxhall	312, 320, 324	PA396	Fiat / Lancia	130, 132, 136, 216						
			PA397	Fiat / Lancia	126, 128, 130, 132, 134, 140, 144, 196, 216						
PA327	Volvo	518	PA398	Fiat / Fiat Lcv / Innocenti / Lancia	134, 140, 144, 196, 216						
PA328	Seat	428	PA399	Fiat / Lancia	112, 136, 218, 220, 222						
PA329	Subaru	438, 440	PA400	Ford Europe	170, 172						
PA330	Peugeot Lcv	350	PA401	Ford Europe / Ford Lcv	152, 156, 166, 176						
			PA402	Lada	214						

GRAF ref.	MARCA MAKE	PAGINA PAGE	GRAF ref.	MARCA MAKE	PAGINA PAGE	GRAF ref.	MARCA MAKE	PAGINA PAGE
PA448	Daewoo / Mercedes Benz / Mercedes Benz Lcv / Ssangyong	100, 236, 240, 244, 246, 248, 250, 252, 254, 258, 266, 268, 270, 272, 274, 436, 438	PA531	Mitsubishi / Opel Lcv / Vauxhall Lcv / Renault / Renault Lcv / Volvo	278, 330, 352, 354, 356, 358, 360, 362, 364, 366, 368, 370, 376, 378, 380, 382, 384, 386, 390, 392, 394, 396, 398, 400, 402, 404, 406, 408, 518, 520, 524	PA568	Lancia	214, 222
						PA569A	Rover	412
PA449	Mercedes Benz	236, 246, 254, 256, 260, 262, 264, 266, 268, 270	PA532	Renault	392	PA570	Bmw	66, 72, 74
						PA571	Opel / Vauxhall / Opel Lcv / Vauxhall Lcv	306, 310, 324, 328, 330
PA450	Mercedes Benz	246, 264, 268, 270	PA533	Renault	392	PA572A	Chevrolet / Daewoo / Opel / Vauxhall	100, 102, 212, 304, 306, 308, 312, 316, 324, 326, 328
PA451	Fiat	110, 116, 126	PA534	Renault	392			76, 78, 100, 102, 306, 308, 320, 324, 326, 328
PA452	Fiat / Lancia	112, 222	PA535	Toyota	448, 456	PA573	Renault / Renault Lcv	382, 386, 388, 398, 406, 408
PA453	Alfa Romeo	8	PA536	Renault	356	PA574	Renault	384, 386
PA454	Fiat Lcv	142	PA537	Nissan	290	PA575	Lada	212, 214
PA456	Honda	182, 190	PA538	Nissan	294, 296	PA576	Renault / Renault Lcv	356, 374, 404, 406
PA459	Honda	182	PA539	Nissan	292	PA577	Opel / Vauxhall	304, 306, 308, 312, 320, 324, 326
PA479	Toyota	446, 448, 450, 456	PA540	Nissan	294			246, 258, 264, 270
PA486	Toyota / Toyota Lcv / Volkswagen Lcv	448, 456, 462, 512	PA541	Opel / Vauxhall / Opel Lcv / Vauxhall Lcv	304, 306, 310, 312, 324, 326, 328	PA578	Mercedes Benz	246, 258, 264, 270
PA491	Citroën / Citroën Lcv / Nissan / Peugeot / Peugeot Lcv / Rover	80, 82, 86, 88, 92, 94, 96, 290, 332, 334, 336, 338, 340, 342, 348, 410	PA543	Renault / Renault Lcv	384, 386, 402, 406, 408	PA579	Audi / Ford Europe / Seat / Seat Lcv / Skoda / Volkswagen / Volkswagen Lcv	16, 18, 20, 22, 24, 26, 28, 30, 34, 38, 42, 44, 46, 160, 420, 422, 424, 426, 428, 430, 434, 464, 466, 468, 470, 472, 474, 476, 478, 480, 482, 484, 486, 488, 490, 492, 496, 498, 500, 502, 504, 506, 508, 510, 514
								PA544
PA492	Alfa Romeo	2, 14, 16	PA546	Audi / Volkswagen / Volkswagen Lcv	16, 20, 22, 24, 466, 468, 470, 478, 480, 482, 486, 488, 500, 502, 504, 512, 514	PA580	Mercedes Benz	240, 244, 246, 248, 262, 264, 268, 270
PA493A	Nissan / Nissan Lcv	286, 292, 294, 296, 300						PA547
PA494	Alfa Romeo	2, 4	PA548	Ford Europe / Ford Lcv	164, 168, 172, 180	PA582	Mercedes Benz	236, 238, 240, 242, 244, 246, 248, 250, 254, 262, 264, 270
PA495	Daewoo / Mercedes Benz / Ssangyong	100, 236, 260, 262, 266, 270, 436, 438	PA549	Honda / Rover	184, 412			PA583
PA496	Alfa Romeo / Fiat / Lancia	2, 110, 112, 136, 216, 218	PA550	Renault / Renault Lcv	352, 370, 374, 376, 378, 380, 382, 384, 386, 390, 394, 396, 400, 402, 404	PA584	Mercedes Benz / Ssangyong	258, 436
PA497	Fiat / Lancia	130, 132, 134, 136, 216, 218				PA551	Mazda	226
PA498	Iveco	204	PA552	Fiat / Lancia	118, 128, 130, 132, 216, 218	PA587	Rover	414
PA499	Iveco	204	PA553	Fiat / Fiat Lcv	116, 118, 144, 146			PA588
PA500	Iveco	204	PA554	Fiat / Innocenti / Lancia / Seat / Zastava	106, 120, 122, 124, 138, 140, 196, 216, 220, 420, 530	PA589A	Ford Europe / Ford Lcv	154, 156, 166, 176
PA501	Ford Europe	152, 154, 156, 166, 168						PA555
PA502A	Bmw / Opel / Vauxhall	54, 56, 58, 64, 66, 68, 72, 320	PA556	Daihatsu	102, 104	PA591	Audi	20, 30, 38, 42, 46
PA503	Fiat / Lancia / Renault	112, 222, 392	PA557	Alfa Romeo	8, 10, 12, 14	PA592	Audi	20, 30, 38, 40, 42, 46
PA508	Nissan / Nissan Lcv	286, 288, 292, 294, 296, 300	PA559	Fiat / Fiat Lcv / Innocenti / Lancia / Seat	106, 108, 114, 118, 122, 138, 142, 144, 196, 222, 420	PA594	Renault / Renault Lcv	394, 402, 404
PA509	Ford Europe	164				PA561A	Rover	410, 412
PA511	Renault / Renault Lcv	356, 374, 404, 406	PA563	Honda / Rover	182, 184, 190, 412	PA596	Fiat	120, 122, 124, 126
PA513	Renault	388				PA564	Honda / Rover	184, 190, 412
PA514	Renault / Renault Lcv	356, 384, 386, 388, 398, 406, 408	PA565	Land Rover	224	PA598	Fiat / Fiat Lcv / Innocenti / Lancia	128, 130, 132, 134, 138, 140, 144, 196, 216
PA515	Renault	386	PA566	Fiat	126, 128, 130, 132, 134, 138			
PA516	Renault / Renault Lcv	386, 398	PA567	Mercedes Benz	258, 262			
PA517	Ford Europe / Ford Lcv	148, 162, 170, 172, 178						
PA519A	Subaru	438, 440						
PA523	Subaru	438						
PA527	Jeep / Renault / Renault Lcv	210, 382, 386, 388, 406, 408						
PA528	Alfa Romeo	6						
PA529	Renault / Renault Lcv	352, 396, 402, 408						
PA530	Renault / Renault Lcv	394, 402, 404						

GRAF ref.	MARCA MAKE	PAGINA PAGE	GRAF ref.	MARCA MAKE	PAGINA PAGE	GRAF ref.	MARCA MAKE	PAGINA PAGE
PA599	Fiat / Lancia	128, 130, 132, 134, 216, 218	PA633	Renault / Renault Lcv	352, 354, 358, 362, 366, 398, 402	PA673	Alfa Romeo / Lancia	2, 4, 12, 14, 218, 222
PA600	Peugeot Lcv	350	PA634	Dacia / Renault / Renault Lcv	100, 354, 358, 362, 364, 366, 368, 392, 398	PA674	Audi / Seat / Skoda / Volkswagen / Volkswagen Lcv	32, 422, 424, 426, 430, 432, 434, 436, 462, 476, 478, 484, 496, 498, 508, 510
PA601	Fiat / Lancia	118, 128, 130, 132, 216, 218	PA635	Nissan / Nissan Lcv	294, 300	PA675	Audi / Volkswagen	34, 40, 42, 492, 494
PA602	Nissan	290	PA636	Saab	416, 418	PA676	Seat / Volkswagen	422, 426, 484, 496, 498
PA603	Seat / Seat Lcv / Skoda / Volkswagen / Volkswagen Lcv	422, 424, 426, 430, 432, 434, 466, 472, 474, 496, 498, 506, 508, 510, 512	PA637	Opel / Vauxhall / Saab	308, 312, 320, 324, 326, 418	PA677	Mercedes Benz Lcv / Volkswagen Lcv	272, 512
PA604	Bmw	74	PA638	Saab	418	PA678	Mercedes Benz	238, 240
PA605A	Fiat	130, 132, 136	PA639	Ford Europe / Ford Lcv / Mazda	156, 164, 178, 226	PA679	Audi / Seat / Volkswagen	32, 34, 36, 38, 42, 424, 492
PA607	Citroën Lcv / Fiat Lcv / Peugeot Lcv	98, 142, 348	PA640	Ford Europe / Ford Lcv / Mazda	152, 154, 156, 166, 176, 178, 226	PA680	Bmw	74
PA608	Mercedes Benz	246, 268, 270	PA641	Citroën / Fiat / Lancia / Peugeot	86, 88, 90, 92, 136, 224, 336, 338, 342, 346, 348	PA681	Bmw	72, 74
PA609	Audi / Seat / Skoda / Volkswagen / Volkswagen Lcv	34, 38, 40, 42, 422, 432, 434, 472, 474, 476, 484, 492, 496, 498, 506, 508, 512	PA642	Citroën / Peugeot	90, 92, 94, 336, 338, 342	PA683	Citroën / Citroën Lcv / Peugeot / Peugeot Lcv	80, 82, 84, 88, 92, 94, 96, 332, 334, 338, 350
PA610	Mercedes Benz	254, 258	PA643	Citroën / Citroën Lcv / Peugeot Lcv	88, 98, 348	PA684	Citroën Lcv / Peugeot / Peugeot Lcv	98, 346, 348
PA611	Nissan	290	PA644	Sostituito da/Replaced by	PA904	PA685	Citroën Lcv / Fiat Lcv / Peugeot Lcv	98, 144, 348
PA612	Ford Europe / Mazda / Volvo	156, 158, 160, 168, 226, 524	PA645	Fiat Lcv	142	PA686	Citroën Lcv / Fiat Lcv / Peugeot Lcv	98, 144, 348
PA613	Mercedes Benz	246, 248, 250, 258, 264, 270, 272	PA646	Fiat Lcv	142	PA687	Mercedes Benz	236, 238, 240, 242, 248, 250, 264
PA614	Fiat / Lancia	110, 114, 222	PA647	Fiat Lcv	142	PA688	Chrysler / Mitsubishi	78, 280
PA615	Fiat / Lancia	110, 114, 116, 218	PA648	Nissan	290	PA689	Fiat	110
PA616	Fiat / Lancia	110, 112, 114, 116, 126, 218, 220, 222	PA650	Land Rover	224	PA690	Fiat / Lancia	110, 114, 222
PA617	Ford Europe / Mercedes Benz / Mercedes Benz Lcv / Seat / Volkswagen / Volkswagen Lcv	160, 260, 274, 422, 426, 464, 474, 476, 478, 492, 504, 508, 516	PA653	Citroën / Peugeot / Renault	88, 90, 92, 342, 346, 356, 360, 392	PA691	Skoda	432, 434
PA618A	Audi / Skoda / Volkswagen	34, 36, 38, 40, 42, 46, 436, 492, 494	PA654	Seat / Volkswagen	422, 424, 496	PA692	Bmw	58, 60
PA619	Skoda	432, 434	PA655	Audi / Seat / Skoda / Volkswagen / Volkswagen Lcv	32, 34, 36, 38, 40, 46, 420, 422, 424, 426, 428, 430, 432, 434, 436, 462, 464, 476, 478, 484, 492, 498, 504, 512, 516	PA693	Fiat / Lancia	110, 114, 118, 222
PA620	Fiat / Lancia	110, 112, 114, 116, 126, 216, 218	PA657	Audi	20, 48	PA694	Chevrolet / Daewoo	76, 100
PA621	Alfa Romeo / Fiat / Lancia	2, 4, 12, 14, 16, 110, 114, 118, 216, 218, 220	PA658	Seat / Volkswagen	430, 464, 478, 484, 492, 494	PA695	Daewoo	100
PA622	Fiat	110	PA659	Alfa Romeo / Fiat	2, 130, 132, 136	PA696	Chevrolet / Daewoo	76, 78, 100, 102
PA623	Fiat	128, 130, 132, 134	PA660	Nissan / Nissan Lcv	294, 300	PA697	Hyundai / Mitsubishi	192, 194, 278, 282
PA624	Fiat	134	PA661	Mercedes Benz	240, 244, 246, 248, 262, 264, 268, 270	PA698	Hyundai	192, 194
PA625	Bmw	68, 74	PA662	Audi	20	PA700	Hyundai Lcv / Mitsubishi / Mitsubishi Lcv	196, 280, 282, 286
PA626	Fiat / Fiat Lcv / Innocenti	128, 130, 140, 144, 196	PA663	Skoda	432	PA701	Hyundai / Mitsubishi	192, 194, 280, 282, 284
PA627	Renault	360	PA664	Opel / Vauxhall / Opel Lcv / Vauxhall Lcv	306, 310, 326, 328, 330	PA702	Hyundai / Mitsubishi	192, 194, 278, 280, 282
PA628	Citroën / Citroën Lcv / Peugeot / Peugeot Lcv / Rover	78, 80, 82, 86, 92, 94, 96, 332, 334, 336, 338, 340, 348, 350, 408	PA665	Opel / Vauxhall	310	PA703	Nissan	286, 292, 294, 296
PA629	Fiat / Fiat Lcv / Lancia	110, 112, 114, 116, 126, 140, 146, 216, 218, 220	PA666	Volvo	522, 528	PA704	Lada	212, 214
PA630	Fiat / Fiat Lcv / Innocenti	128, 130, 140, 144, 196	PA667	Alfa Romeo / Lancia	2, 216, 218	PA706	Mercedes Benz	240, 242, 244, 246, 248, 250, 254, 258, 266, 268, 270
PA631	Alfa Romeo / Fiat	2, 12, 118, 126	PA668	Honda	186, 188, 190	PA708	Mercedes Benz / Mercedes Benz Lcv	260, 274
PA632	Nissan Lcv / Renault / Renault Lcv	298, 352, 354, 358, 396, 408	PA669	Honda	184, 186, 188, 190	PA709	Mercedes Benz / Mercedes Benz Lcv	260, 274
			PA670	Honda	186, 188	PA710	Mercedes Benz / Mercedes Benz Lcv	236, 238, 240, 242, 244, 248, 250, 252, 254, 256, 258, 260, 264, 272, 274
			PA671	Alfa Romeo / Chrysler / Ford Europe / Jeep / Opel / Vauxhall / Rover	2, 4, 78, 168, 210, 312, 412	PA711	Chrysler / Mercedes Benz	78, 236, 238, 240, 242, 248, 250, 252, 254, 264
			PA672	Alfa Romeo / Fiat / Fiat Lcv / Lancia / Opel / Vauxhall / Saab	2, 4, 110, 112, 114, 116, 118, 126, 140, 144, 146, 218, 220, 222, 308, 324, 326, 328, 416	PA712	Toyota	448, 454

GRAF ref.	MARCA MAKE	PAGINA PAGE	GRAF ref.	MARCA MAKE	PAGINA PAGE	GRAF ref.	MARCA MAKE	PAGINA PAGE
PA713	Toyota	444, 448	PA752	Mercedes Benz	238, 240, 242, 244, 248, 250, 254	PA797	Isuzu	198
PA714	Toyota / Toyota Lcv	446, 448, 452, 454, 458, 462	PA757	Audi	20, 38, 42	PA798	Daihatsu	102, 104
PA715	Toyota	446, 448, 450, 456, 458	PA758	Audi / Volkswagen Lcv / Volvo	20, 38, 510, 512, 516, 522, 526, 528	PA799	Mitsubishi	278, 280, 282, 286
PA716	Toyota	450	PA759	Bmw	58, 60, 66, 68	PA800	Mazda / Mazda Lcv	230, 232
PA717	Toyota	446, 448, 450, 454	PA760	Bmw / Opel / Vauxhall	58, 60, 66, 68, 74, 320	PA802	Alfa Romeo / Chrysler / Ford Europe / Jeep / Opel / Vauxhall / Rover	2, 4, 78, 168, 210, 312, 412
PA718	Toyota	448, 452, 454, 456, 458, 460	PA761	Audi / Seat / Skoda / Volkswagen	32, 424, 426, 432, 484, 498	PA803	Nissan Lcv / Opel Lcv / Vauxhall Lcv / Renault / Renault Lcv	298, 300, 330, 352, 356, 360, 362, 396, 398, 408
PA719	Toyota	446, 448	PA762	Audi / Ford Europe / Seat / Skoda / Volkswagen	32, 34, 36, 40, 160, 422, 424, 426, 430, 434, 436, 464, 478, 484, 492, 504	PA804	Seat / Volkswagen	422, 484
PA720	Toyota	450	PA763	Audi	34, 40	PA805	Skoda	432
PA721	Renault / Renault Lcv	396, 408	PA764	Audi / Seat Lcv / Volkswagen	40, 42, 430, 494, 504	PA806	Seat / Skoda / Volkswagen	424, 426, 432, 498
PA722	Renault / Renault Lcv	396, 408	PA765	Audi / Seat / Volkswagen	32, 426, 430, 462, 476, 484, 496, 498	PA807	Ford Europe / Ford Lcv	166, 180
PA723	Renault	356, 360, 392	PA766	Toyota	448, 452, 454, 456, 458, 460	PA809	Isuzu	198
PA724A	Dacia / Nissan Lcv / Renault / Renault Lcv	100, 298, 354, 356, 358, 360, 362, 364, 366, 368, 370, 392, 398	PA766A	Toyota	448, 452, 454, 456, 458, 460	PA810	Isuzu	198
PA725	Suzuki	442	PA767	Toyota / Toyota Lcv / Volkswagen Lcv	456, 462, 512	PA811	Isuzu	198
PA726	Suzuki	440, 442	PA768	Toyota	446, 448, 450, 452, 454, 458	PA812	Nissan	296
PA727	Opel / Vauxhall / Saab	306, 308, 312, 318, 324, 326, 416	PA771	Daihatsu / Toyota / Toyota Lcv / Volkswagen Lcv	104, 456, 462, 512	PA813	Nissan / Nissan Lcv	296, 298
PA728	Opel / Vauxhall	310	PA772	Toyota	446, 448, 450, 452, 454, 458	PA814	Nissan / Nissan Lcv	296, 298
PA729	Opel / Vauxhall / Opel Lcv / Vauxhall Lcv	302, 306, 310, 312, 330	PA773	Subaru / Suzuki	438, 440, 442	PA816	Kia	210
PA730	Opel / Vauxhall / Opel Lcv / Vauxhall Lcv / Saab	306, 312, 320, 324, 326, 328, 416	PA774	Suzuki / Suzuki Lcv	440, 442, 444	PA819	Smart (Mcc)	436
PA731	Audi / Seat / Skoda / Volkswagen / Volkswagen Lcv	32, 422, 426, 428, 430, 434, 464, 478, 484, 496, 498, 508, 510	PA775	Toyota / Toyota Lcv	456, 462	PA820	Renault / Renault Lcv	354, 358, 368, 396, 398
PA732	Mitsubishi / Volvo	278, 282, 284, 524	PA776	Mitsubishi	280, 286	PA821	Nissan / Nissan Lcv / Renault / Renault Lcv / Suzuki	290, 298, 354, 356, 358, 368, 370, 392, 396, 398, 440
PA733	Fiat Lcv	144	PA777	Nissan	288, 292, 294	PA822	Mitsubishi / Nissan Lcv / Opel Lcv / Vauxhall Lcv / Renault / Renault Lcv / Volvo	278, 284, 298, 300, 330, 352, 354, 356, 358, 360, 362, 364, 368, 392, 396, 398, 408, 524
PA735	Mercedes Benz	236, 246, 254, 256, 260, 262, 264, 266, 268, 270	PA778	Honda	188	PA823	Nissan	286, 288, 294, 298
PA736	Mercedes Benz	238, 240, 272	PA779	Audi / Seat / Volkswagen	32, 34, 36, 38, 42, 424, 492	PA824	Volvo	526, 528, 530
PA737	Bmw	68, 74	PA780	Hyundai / Hyundai Lcv / Mitsubishi / Mitsubishi Lcv	194, 196, 280, 282, 284, 286	PA826	Daihatsu / Toyota	104, 460
PA738	Chevrolet / Daewoo / Suzuki	76, 100, 102, 440	PA781	Nissan	292	PA827	Toyota	460, 462
PA739	Fiat / Fiat Lcv / Lancia	110, 112, 116, 118, 126, 140, 144, 146, 222	PA782	Mitsubishi	278, 280, 282, 284, 286	PA829	Hyundai / Kia	192, 194, 196, 212
PA741	Ford Europe / Ford Lcv / Mazda	148, 154, 158, 164, 178, 232	PA783	Mazda / Mazda Lcv	230, 232	PA830	Nissan	286, 292, 294
PA742	Ford Europe / Ford Lcv	156, 158, 160, 178	PA784	Nissan	288, 292	PA832	Ford Lcv	180, 182
PA743	Subaru	438	PA786	Mazda / Suzuki	230, 440, 442	PA833	Lada	212
PA744	Subaru	438	PA788	Nissan	288, 294	PA834	Opel / Vauxhall / Opel Lcv / Vauxhall Lcv	306, 308, 312, 318, 328, 330
PA746	Mercedes Benz	248, 250	PA789	Mitsubishi	278, 280, 282	PA835	Sostituito da/Replaced by	PA965
PA747	Citroën / Citroën Lcv / Fiat / Fiat Lcv / Lancia / Peugeot / Peugeot Lcv	80, 84, 86, 90, 92, 94, 96, 98, 136, 142, 144, 220, 224, 334, 336, 338, 342, 348, 350, 352	PA790	Mazda	230	PA836	Bmw	58, 60, 66, 68, 74
PA749	Renault / Volvo	360, 392, 522, 524, 526, 528, 530	PA791	Toyota	446, 450, 452, 454	PA837	Citroën / Citroën Lcv / Peugeot / Peugeot Lcv	80, 82, 84, 86, 92, 96, 332, 334, 350
PA750	Opel Lcv / Vauxhall Lcv / Renault Lcv	330, 398	PA793	Toyota	448, 450, 452, 456, 458	PA839	Ford Europe / Ford Lcv	166, 180
PA751	Opel Lcv / Vauxhall Lcv / Renault Lcv	330, 398	PA794	Toyota	446, 448, 450, 456, 458	PA840	Iveco	200, 202
			PA795	Hyundai / Mitsubishi	194, 280, 282, 284, 286	PA841	Iveco	200
			PA796	Mitsubishi	280, 282, 284, 286	PA842	Iveco	198, 200, 202
						PA843	Iveco	204, 206
						PA844	Iveco	204, 206
						PA845	Iveco	206
						PA846	Iveco	206
						PA847	Iveco	210
						PA848	Iveco	210
						PA849	Iveco	206, 208
						PA850	Iveco	206, 208
						PA851	Iveco	206, 208
						PA852	Iveco	206, 208

GRAF ref.	MARCA MAKE	PAGINA PAGE	GRAF ref.	MARCA MAKE	PAGINA PAGE	GRAF ref.	MARCA MAKE	PAGINA PAGE			
PA853	Iveco	208, 210	PA887	Fiat / Fiat Lcv / Lancia / Opel / Vauxhall / Opel Lcv / Vauxhall Lcv / Suzuki	112, 114, 118, 140,	PA925	Honda	186, 190			
PA854	Iveco	208, 210			146, 220, 222, 224,	PA926	Suzuki	440			
PA855	Seat / Skoda / Volkswagen	424, 426, 432, 434, 466, 498			302, 306, 312, 318,	PA927	Nissan / Nissan Lcv	286, 298, 300			
PA856	Bmw	68, 74			324, 328, 330, 440,	PA928	Mazda	230			
PA857	Bmw	74			442	PA929	Toyota	458			
PA858	Chrysler	78	PA888	Mercedes Benz / Mercedes Benz Lcv	254, 272	PA930	Mitsubishi	282, 284			
PA859	Citroën / Ford Europe / Mazda / Peugeot / Suzuki / Toyota	82, 84, 92, 156, 160,	PA889	Mercedes Benz	252, 258	PA931	Mazda	228, 232			
		226, 332, 334, 338,	PA890	Mini / Toyota	276, 278, 454, 462	PA932	Ford Europe / Nissan / Nissan Lcv	164, 296, 298			
		440, 446	PA891	Jeep	210	PA933	Mazda	228, 230, 232			
PA860	Mini	278	PA892	Alfa Romeo	14, 16	PA934	Hyundai / Kia	194, 212			
PA861	Citroën / Citroën Lcv / Fiat / Ford Europe / Lancia / Peugeot / Peugeot Lcv / Volvo	84, 98, 136, 158, 160, 168, 220, 338, 342, 346, 348, 524	PA893	Bmw	48, 58, 60, 62, 74, 76	PA935	Mitsubishi	280, 282			
			PA896	Honda	184	PA936	Toyota	446			
			PA897	Honda	188	PA937	Mitsubishi	278			
			PA898	Volvo	526, 528	PA938	Citroën / Ford Europe / Mazda / Peugeot / Peugeot Lcv / Volvo	80, 84, 94, 158, 160,			
PA862	Citroën / Citroën Lcv / Fiat / Fiat Lcv / Lancia / Peugeot / Peugeot Lcv	84, 86, 92, 94, 98,	PA899	Mercedes Benz	236, 238, 242, 244,			226, 334, 338, 342,			
		136, 144, 220, 334,	PA900	Citroën Lcv / Fiat Lcv / Iveco / Peugeot Lcv	248, 250, 264			350, 352, 524			
338, 342, 346, 348,	98, 142, 204, 348	PA939			Skoda / Volkswagen	436, 478, 498					
350	PA901	Alfa Romeo / Fiat / Lancia / Opel / Vauxhall / Saab	2, 4, 12, 16, 110,	PA940	Opel / Vauxhall / Opel Lcv / Vauxhall Lcv	306, 318, 326, 328					
PA863	Citroën / Peugeot	84, 334, 338, 342, 346, 348	112, 126, 222, 306,	PA941	Citroën / Peugeot	82, 84, 332, 334, 338					
PA864	Toyota	458, 460	308, 324, 326, 328,								
PA865	Volvo	528	416	PA942	Iveco	206, 208, 210					
PA866	Fiat / Fiat Lcv / Lancia	110, 112, 114, 116, 118, 126, 144, 146, 220, 222, 224	PA902	Ford Europe	156, 164, 172	PA943	Honda	184			
			PA903	Ford Europe / Mazda / Volvo	158, 160, 166, 168, 226, 228, 230, 232, 524	PA944	Toyota	446, 448, 450, 454			
PA867	Bmw	74	PA904	Audi / Seat / Skoda / Volkswagen / Volkswagen Lcv	32, 34, 36, 38, 40,	PA945	Toyota	448, 454			
PA868	Audi / Skoda / Volkswagen	34, 36, 40, 42, 436, 492, 494			422, 426, 428, 430,	PA946	Fiat / Suzuki	126, 440, 442			
PA869	Scania	420			434, 462, 466, 476,	PA948	Honda	188			
PA870	Mercedes Truck	274, 276			478, 484, 492, 494,	PA949	Honda	188, 190			
PA871	Mercedes Truck	274, 276			496, 498, 506, 510	PA950	Hyundai / Kia	192, 194, 210, 212			
PA872	Mercedes Truck	276			PA905	Audi / Mitsubishi / Seat / Skoda / Volkswagen	32, 36, 40, 280, 422,	PA952	Toyota	450, 454	
PA873	Mercedes Truck	274, 276			426, 428, 430, 434,	PA906	Peugeot	346	PA953	Toyota	446, 450, 454
PA874	Mercedes Truck	276			464, 478, 484, 494,			PA954	Audi / Skoda / Volkswagen	32, 434, 466, 478,	
PA875	Seat / Skoda / Volkswagen	424, 426, 432, 498			506			PA955	Mercedes Benz	258	
PA876	Honda	188, 190			PA907	Nissan / Renault / Suzuki	294, 356, 360, 362,	PA956	Ford Europe	166	
PA877	Hyundai	192	368, 392, 440	PA908	Mercedes Benz / Mercedes Benz Lcv	260, 274	PA957	Alfa Romeo / Fiat / Opel / Vauxhall / Saab	4, 12, 16, 112, 306,		
PA878	Audi / Seat / Skoda / Volkswagen	32, 34, 36, 40, 424, 434, 436, 464, 466, 478, 484, 492, 494, 504	PA909			Mercedes Benz	238, 242, 244, 250,	324, 326, 328, 416	PA958	Opel / Vauxhall / Opel Lcv / Vauxhall Lcv	302, 306, 312, 318,
			252			PA910	Mercedes Benz	242, 244	324, 328, 330		
PA879	Audi / Ford Europe / Seat / Skoda / Volkswagen / Volkswagen Lcv	32, 160, 420, 422,	86, 90, 92, 98, 136,	PA959	Alfa Romeo / Fiat / Opel / Vauxhall			4, 112, 306, 308,			
PA880	Fiat / Fiat Lcv	116, 146	PA911	Citroën / Citroën Lcv / Fiat / Fiat Lcv / Peugeot / Peugeot Lcv / Suzuki	142, 144, 336, 338,	324, 326, 328	PA960	Citroën / Peugeot / Renault	88, 90, 92, 342, 356,		
			478, 484, 494, 498,	342, 348, 350, 440	360, 392						
504, 506, 510, 516	PA912	Toyota	446, 458	PA961	Toyota	454					
PA881	Audi	36, 40, 42	PA913	Iveco / Renault Truck	204, 408	PA962	Mazda	226			
PA882	Nissan	290	PA914	Iveco	204	PA963	Toyota	446, 454, 458			
PA883	Land Rover / Rover	224, 412	PA915	Iveco / Renault Truck	204, 408	PA964	Bmw	48, 62, 70, 74			
PA884	Land Rover / Rover	224, 412, 414	PA916	Iveco	204	PA965	Bmw / Rover	48, 58, 60, 62, 66,			
PA885	Mercedes Benz	238, 242, 244, 250,	PA917	Ford Usa / Mazda	182, 228, 230, 232	68, 70, 74, 414	PA966	Skoda	432		
		252, 264	PA918	Mitsubishi	280, 284, 286	PA967	Iveco	204			
PA886	Citroën / Fiat / Lancia / Peugeot / Renault	84, 136, 220, 342, 346, 348, 352, 362	PA919	Toyota	446, 450, 454, 458	PA968	Iveco	206, 208			
			PA920	Mitsubishi	284	PA969	Iveco	206, 208			
			PA921	Mazda	226, 228	PA970	Honda	188			
			PA922	Mitsubishi	280, 284, 286	PA971	Honda	184, 190			
			PA923	Toyota	456, 458	PA972	Hyundai / Kia	192, 194, 196, 210,			
PA924	Subaru	438	212	PA973	Mazda	228, 230, 232					
						PA974	Ford Europe	148, 164			
						PA975	Suzuki	440, 442			

GRAF ref.	MARCA MAKE	PAGINA PAGE	GRAF ref.	MARCA MAKE	PAGINA PAGE	GRAF ref.	MARCA MAKE	PAGINA PAGE
PA976	Ford Europe / Ford Lcv	154, 156, 168, 172, 178	PA1026	Citroën Lcv / Fiat Lcv / Peugeot Lcv	98, 142, 348			
PA977	Dacia / Renault	100, 354, 356, 368, 370, 392	KIT107	Mercedes Benz	262			
			KIT126	Mercedes Benz	256			
PA978	Mercedes Benz / Mitsubishi / Smart	240, 278, 436	KIT291	Fiat / Lancia	120, 122, 218, 220			
			KIT368	Fiat	112			
PA979	Audi / Volkswagen / Volkswagen Lcv	36, 40, 42, 46, 494, 512	KIT595	Renault / Renault Lcv	394, 404			
PA980	Audi / Seat / Skoda / Volkswagen	32, 36, 46, 422, 428, 434, 466, 478, 484, 494						
PA981	Renault	354						
PA982	Volkswagen / Volkswagen Lcv	504, 512, 516						
PA983	Renault	354						
PA984	Fiat	106, 110						
PA985	Mini	278						
PA986	Mitsubishi / Smart	278, 436						
PA987	Land Rover	224						
PA988	Skoda	434						
PA990	Ford Europe	156, 158, 160						
PA991	Alfa Romeo / Opel / Vauxhall / Saab	4, 12, 16, 324, 326, 416						
PA992	Mercedes Benz	238, 242, 244, 252						
PA993	Mercedes Benz	238, 254, 256, 260						
PA994	Mini / Peugeot	278, 334						
PA995	Nissan Lcv	298						
PA996	Citroën Lcv / Fiat Lcv / Peugeot Lcv	98, 142, 348						
PA997	Mitsubishi / Mitsubishi Lcv	278, 280, 282, 284, 286						
PA998	Fiat	116						
PA999	Mitsubishi	280, 284, 286						
PA1000	Mitsubishi	278						
PA1001	Lexus / Toyota	224, 446, 454						
PA1002	Hyundai / Kia	194, 210, 212						
PA1003	Mitsubishi	280, 282						
PA1004	Daihatsu	102, 104						
PA1005	Toyota	454						
PA1006	Mercedes Benz / Mercedes Benz Lcv	272, 274						
PA1007	Kia	210, 212						
PA1008	Subaru	438						
PA1009	Mitsubishi	278, 282						
PA1010	Volkswagen Lcv	512						
PA1011	Volkswagen Lcv	512						
PA1012	Mitsubishi	284						
PA1013	Honda	184, 188, 190						
PA1014	Suzuki	442						
PA1015	Kia / Mazda	212, 230						
PA1016	Mitsubishi	284						
PA1017	Suzuki	440						
PA1018	Honda	190						
PA1020	Citroën / Daihatsu / Peugeot / Toyota	82, 104, 332, 446, 462						
PA1021	Hyundai / Kia	192, 212						
PA1022	Hyundai	194						
PA1023	Hyundai / Kia	192, 194, 212						
PA1024	Hyundai / Kia	192, 194, 196, 212						
PA1025	Mitsubishi	278						

- CONDIZIONI GENERALI DI VENDITA -



1. ORDINI

Gli ordini conferitici sono immediatamente impegnativi per il Committente e saranno seguiti da nostra regolare conferma. Non si accetteranno ordini comportanti penali, di qualsiasi genere siano. Per gli articoli non rientranti nella nostra normale produzione, considerabili quindi di "esecuzione su ordine", è prevista una tolleranza a nostro favore sulla quantità ordinata del $\pm 10\%$.

2. PREZZI

I prezzi si intendono per merce resa franco nostro stabilimento in Cologne Bresciano, imballo al costo, se non diversamente concordato. Nel suddetto caso, la nostra accettazione dovrà risultare inequivocabilmente per iscritto.

3. CONSEGNE E SPEDIZIONI

La merce viaggia sempre a rischio e pericolo dell'acquirente, anche se venduta franco destino. Non si accettano responsabilità per eventuali ritardi delle spedizioni derivanti da cause di forza maggiore o da qualsiasi altro evento che possa ritardare il processo di fabbricazione come, a titolo esemplificativo, agitazioni sindacali, mancata consegna da parte dei fornitori, difficoltà di approvvigionamento di materie prime, o simili. In assenza di precise istruzioni, ci riserviamo, a nostro insindacabile giudizio, la scelta dei mezzi di trasporto ritenuti, da noi, più adatti.

4. PAGAMENTO

I pagamenti dovranno essere eseguiti al nostro domicilio, nel rispetto delle forme previste dagli ordini accettati. L'inadempienza, anche parziale, dell'acquirente alle condizioni di pagamento concordate, comporterà il nostro pieno diritto a sospendere o annullare le forniture in corso, senza pregiudizio alcuno.

5. GARANZIA

La garanzia esplica i propri effetti solo ed unicamente allorquando il prodotto in oggetto verrà restituito alla Metelli S.p.A. nel totale rispetto delle nostre procedure*. I pezzi inservibili per difetti di materiale o fabbricazione, accertati presso il nostro stabilimento, verranno sostituiti gratuitamente se resi franco nostro domicilio. In nessun caso l'acquirente potrà avanzare richiesta di risoluzione del contratto o di risarcimento danni. L'acquirente decade dal diritto alla garanzia, se non denuncia i vizi al venditore entro otto giorni dalla scoperta e l'azione si prescrive, in ogni caso, in un anno dalla consegna, così come disciplinato dall'art. 1495 del Codice Civile. La garanzia non potrà, in alcun caso, essere invocata qualora i prodotti non siano stati installati od utilizzati correttamente**.

6. RECLAMI

Risulteranno privi di qualsiasi valenza i reclami pervenuti oltre otto giorni dal ricevimento della merce. In ogni caso, anche qualora l'acquirente avanzasse reclami, lo stesso non avrà alcun diritto a trattenere somme dovute alla Metelli S.p.A. per fatture scadute***.

7. CONTROVERSIE

Per qualunque controversia potrà insorgere, si precisa che la legge applicabile è quella italiana. Il Foro territorialmente competente è quello di Brescia.

8. CLAUSOLA DI RISERVA DELLA PROPRIETA'

Il materiale consegnato rimarrà di proprietà della Metelli S.p.A., fino a quando il pagamento del prezzo dello stesso non risulterà integralmente saldato.

* La garanzia è tuttavia limitata alla semplice sostituzione gratuita, esclusa ogni altra spesa, di quei particolari che:

- restituiti dal cliente al nostro domicilio per controllo, franco di ogni spesa. Il prodotto deve essere restituito completo e nelle stesse condizioni di quando si è realizzato il fatto che ha determinato il reclamo.
- saranno riconosciuti non idonei o difettosi per imperfezioni imputabili al materiale e/o al processo produttivo e/o di controllo.

** Poiché i nostri prodotti appartengono al settore di quelli considerati determinanti per la sicurezza del veicolo, decliniamo ogni responsabilità in caso di utilizzo da parte di persone non professionalmente preparate o comunque non ufficialmente autorizzate ad effettuare questo tipo di interventi, così come in tutti quei casi di uso e/o montaggio non conforme, negligenza di manutenzione, incidente, uso in competizioni sportive di ogni genere, in "fuoristrada" o conseguenza di manomissione.

*** Tutti i materiali di cui è stata accertata l'infondatezza del reclamo non chiesti in restituzione dal Cliente, a sue spese, entro due settimane dall'avvenuta notifica, saranno definitivamente rottamati, senza possibilità per il cliente di una successiva tardiva richiesta.

AVVERTENZE

QUESTO CATALOGO ANNULLA E SOSTITUISCE IL PRECEDENTE.

I DATI IVI RIPORTATI SONO RICAVATI DA DISEGNI ORIGINALI O DA RICAMBI ORIGINALI IN NOSTRO POSSESSO.

I COSTRUTTORI POSSONO VARIARE LE CARATTERISTICHE DEI LORO PRODOTTI SENZA OBBLIGO DI PREAVVISO.

I RIFERIMENTI ORIGINALI E DI ALTRI FABBRICANTI SONO CITATI A TITOLO INDICATIVO PER UNA PIU' FACILE INDIVIDUAZIONE DEL TIPO RICHIESTO.

QUANDO I NOSTRI PRODOTTI NON SONO ORIGINALI, SONO CON ESSI INTERCAMBIABILI.

INFORMAZIONI E DATI DI QUESTO CATALOGO SONO IL RISULTATO DI UNA ACCURATA RICERCA EFFETTUATA PRESSO TUTTE LE PIU' ATTENDIBILI FONTI. DECLINIAMO, TUTTAVIA, OGNI RESPONSABILITA' PER LA PRESENZA DI EVENTUALI ERRORI ED INESATTEZZE.

IL PRESENTE CATALOGO E' STATO REALIZZATO DALLA METELLI S.P.A. E NE E' PROIBITA QUALSIASI RIPRODUZIONE TOTALE O PARZIALE.



- GENERAL CONDITIONS OF SALE -

1. ORDERS

Orders placed are immediately binding on the Purchaser and will be followed by our regular confirmation. No orders involving penalties of any kind will be accepted. For articles not in our standard production range, which are therefore "produced to order", we are permitted a tolerance on the quantity ordered of $\pm 10\%$.

2. PRICES

Prices are for goods delivered ex-works our factory at Cologne Bresciano, packaging at cost, unless otherwise agreed. In this case, our acceptance must be clearly stated in writing.

3. DELIVERIES AND SHIPMENTS

Goods always travel at the purchasers' risk, even if sold freight prepaid. No responsibility is accepted for any delays in shipments due to circumstances beyond our control or any other event which may delay the manufacturing process, such as (but not restricted to) trades union disputes, failure to deliver by suppliers, difficulty in obtaining supplies of raw materials, or similar factors. Unless specific instructions are provided, we reserve the right to choose the means of transport we consider most suitable, at our own absolute discretion.

4. PAYMENT

Payments must be made to our address in the forms specified by the orders accepted. Even partial breach of the agreed payment terms on the part of the purchaser shall fully entitle us to suspend or cancel current supply contracts, without any damage to us.

5. WARRANTY

The warranty is only effective if the product concerned is returned to Metelli S.p.a in full compliance with our procedures*. Pieces unusable due to defects in material or manufacture, verified in our factory, will be replaced free of charge if returned to our address freight prepaid. In no case shall the purchaser be permitted to request termination of the contract or compensation for damage incurred. Should the buyer fail to inform the seller of any defects ascertained in the product, within eight days from the discovery of such defects, his warranty shall become void. In all cases, the action becomes invalidated by prescription one year after the delivery as set forth by Article 1495 of the Italian Civil Code. No complaints may be made under the warranty if the products have not been installed or used correctly, under any circumstances**.

6. COMPLAINTS

Complaints received more than eight days after receipt of the goods will be null and void. Even if purchasers have made complaints, they shall not be entitled in any way to withhold sums owed to Metelli Co. for invoices due***.

7. DISPUTES

Italian law shall apply to any disputes which may arise. The Brescia law court shall have territorial jurisdiction.

8. PROPERTY RIGHT RETENTION CLAUSE

The material delivered shall continue to be the property of Metelli Co., until full payment of the relative price has been received.

* Guarantee is anyway limited only to the free replacement, excluded any other cost or compensation for occurred damages, of that items which:

- have been returned free of any charge to our works for inspection. The product is to be returned complete and in the same precise conditions as when happened the reason of claim.
- and after our tests show to be really unfit or defective for deficiencies imputable to the material and/or production and/or quality assurance process.

** As all our products belong to the area of the ones which are considered determinant for safety, we disclaim responsibility when used by somebody not professionally and/or legally qualified for this kind of duty: as well as in all those cases of misuse, improper installation, lack or neglect of the necessary periodic inspections and maintenance, car crash, racing or off-road use, in the case of alterations and/or tampering.

*** All the materials for which the claim has been rejected and for which the customer did not require to be returned back, at his fully charges, within 15 days from notification, will be scrapped.

IMPORTANT NOTES

THIS CATALOGUE CANCELS AND REPLACES THE PREVIOUS VERSION.

THE DATA IT CONTAINS ARE TAKEN FROM ORIGINAL DRAWINGS OR GENUINE PARTS IN OUR POSSESSION.

MANUFACTURERS MAY VARY THE CHARACTERISTICS OF THEIR PRODUCTS WITHOUT NOTICE.

THE ORIGINAL REFERENCES AND THOSE OF OTHER MANUFACTURERS ARE PROVIDED AS GUIDANCE FOR EASIER IDENTIFICATION OF THE TYPE REQUIRED.

WHEN OUR PRODUCTS ARE NOT ORIGINAL, THEY ARE INTERCHANGEABLE WITH THE GENUINE PARTS.

THE INFORMATION AND DATA IN THIS CATALOGUE ARE PRODUCED FURTHER TO AN IN-DEPTH SURVEY OF ALL THE MOST RELIABLE SOURCES. WE THEREFORE

DECLINE ALL RESPONSIBILITY FOR ANY ERRORS OR INACCURACIES.

THIS CATALOGUE HAS BEEN PRODUCED BY METELLI CO. AND ANY REPRODUCTION, WHETHER TOTAL OR PARTIAL, IS FORBIDDEN.

- CONDITIONS GÉNÉRALES DE VENTE -



1. COMMANDES

Les commandes qui nous sont adressées engagent immédiatement le Commanditaire et seront suivies d'une confirmation de notre part. Nous n'accepterons pas de commandes comportant des pénalités de quelque nature qu'elles soient. Pour les articles ne faisant pas partie de notre production habituelle et pouvant être considérés comme "exécution spéciale", une tolérance sur la quantité commandée de $\pm 10\%$ en notre faveur est prévue.

2. PRIX

Les prix s'entendent pour la marchandise rendue franco notre usine de Cologne Brescia, emballage au prix coûtant, sauf accord différent. Dans ce dernier cas, notre accord devra être exprimé de façon non équivoque et par écrit.

3. LIVRAISONS ET EXPÉDITIONS

La marchandise, même vendue franco destination, voyage toujours aux risques et périls de l'acheteur. Nous n'assumerons aucune responsabilité en cas de retard des expéditions dérivant de causes de force majeure ou de tout autre événement susceptible de retarder le processus de fabrication tels que, à titre d'exemple, agitations syndicales, livraison non effectuée par les fournisseurs, difficultés d'approvisionnement en matières premières ou similaires. En l'absence d'instructions précises, nous nous réservons, selon notre jugement discrétionnaire, le choix des moyens de transport que nous considérerons les plus appropriés.

4. RÈGLEMENT

Les règlements devront être adressés à notre domicile dans les formes prévues pour les commandes acceptées. L'inexécution même partielle des conditions de règlement convenues de la part de l'acheteur nous donnera tout droit de suspendre ou d'annuler les fournitures en cours sans aucune responsabilité de notre part.

5. GARANTIE

Pour que la garantie soit effective et s'applique, il faut que le produit soit rendu à Metelli S.p.A. en respectant rigoureusement nos procédures*. Les pièces inutilisables pour cause de défauts de matériel ou de fabrication vérifiés dans nos ateliers seront remplacées gratuitement à condition d'avoir été rendues franco notre siège. L'acheteur ne pourra en aucun cas avancer de demande de résiliation du contrat ou de dédommagement. L'acheteur perd tout droit à la garantie s'il ne dénonce pas les vices au vendeur dans le délai de huit jours à partir de leur découverte; dans tous les cas, l'action prescrit un an après la livraison conformément aux dispositions de l'art. 1495 du Code Civil. Il ne pourra pas être fait appel à la garantie si les produits n'ont pas été installés ou utilisés correctement**.

6. RÉCLAMATIONS

Les réclamations qui nous parviendraient passé le délai de huit jours à partir de la réception de la marchandise seront dépourvues de valeur. Dans tous les cas, et même si l'acheteur a des réclamations à formuler, il ne sera pas autorisé à retenir des sommes dues à Metelli S.p.A. pour des factures parvenues à échéances***.

7. LITIGES

Tout litige éventuel sera soumis à la loi italienne. Le Tribunal compétent par territoire est celui de Brescia.

8. CLAUSE DE RÉSERVE DE PROPRIÉTÉ

La marchandise livrée restera la propriété de Metelli S.p.A. jusqu'au paiement intégral du prix.

* La garantie est toutefois limitée au simple remplacement à titre gratuit, exclu tout genre des frais, pour ces pièces qui seront:

- retournés par le client à notre domicile pour contrôle, franc de chaque frais. Le produit devra être retourné complet et dans les mêmes conditions dans lesquelles l'événement, qui a déterminé la réclamation.
- reconnus comme non apte ou défectueux pour imperfections imputable au matériel et/ou au procès productif et/ou de contrôle.

** Puisque nos produits appartiennent au secteur des produits considérés déterminants pour la sécurité du véhicule, nous déclinons toute responsabilité au cas d'utilisation de la part de personnel pas professionnellement qualifiés ou pas officiellement autorisés à effectuer ce genre d'interventions ainsi que dans tous ces cas d'utilisation et/ou montage pas conforme, négligence d'entretien, accident, utilisation dans compétition sportive de tout genre, en "tout terrain" ou conséquence d'altération.

*** Tous les pièces dont la réclamation resultera injustifiée et qui ne sont pas demandés de retour par le client, à ses frais, seront définitivement ferrallés dans deux semaines à compter de la date de notre notification, sans aucune possibilité pour le client d'une successive tardive prétention.

AVERTISSEMENTS

CE CATALOGUE ANNULE ET REMPLACE LE PRÉCÉDENT.

LES DONNÉES QU'IL CONTIENT SONT BASÉES SUR LES PLANS OU LES PIÈCES ORIGINAUX QUI SONT EN NOTRE POSSESSION.

LES CONSTRUCTEURS PEUVENT MODIFIER LES CARACTÉRISTIQUES DE LEURS PRODUITS SANS OBLIGATION DE PRÉAVIS.

LES RÉFÉRENCES ORIGINALES ET D'AUTRES FABRICANTS SONT CITÉES À TITRE INDICATIF POUR UN REPÉRAGE PLUS AISÉ DU TYPE VOULU.

DANS LES CAS OÙ NOS PRODUITS NE SONT PAS ORIGINAUX, ILS SONT INTERCHANGEABLES AVEC CES DERNIERS.

LES INFORMATIONS ET LES DONNÉES CONTENUES DANS CE CATALOGUE SONT LE FRUIT D'UNE RECHERCHE RIGOREUSE RÉALISÉE APRÈS DES SOURCES LES PLUS FIABLES. NOUS DÉCLINONS CEPENDANT TOUTE RESPONSABILITÉ POUR LA PRÉSENCE D'ERREURS ET D'INEXACTITUDES ÉVENTUELLES.

CE CATALOGUE A ÉTÉ RÉALISÉ PAR METELLI S.P.A. SA REPRODUCTION MÊME PARTIELLE EST INTERDITE.

- ALLGEMEINE VERKAUFSBEDINGUNGEN -



1. BESTELLUNGEN

Die uns übermittelten Bestellungen, auf die unsere reguläre Auftragsbestätigung folgt, verpflichten den Besteller sofort. Bestellungen, die Vertragsstrafen, welcher Art auch immer, vorsehen, werden nicht angenommen. Für Artikel, die nicht in unser übliches Produktionsprogramm fallen und somit als „Artikel auf Bestellung“ gelten, behalten wir uns zu unseren Gunsten hinsichtlich der bestellten Menge eine Toleranz in Höhe von $\pm 10\%$ vor.

2. PREISE

Wenn nichts anderes vereinbart wurde, gelten die Preise für frei unserer Niederlassung in Cologne Bresciano gelieferte Ware; für die Verpackung berechnen wir die tatsächlich anfallenden Kosten. Andernfalls muss unsere Annahme der Bestellung ausdrücklich schriftlich erfolgen.

3. ÜBERGABE UND VERSAND

Die Ware wird immer auf Risiko und Gefahr des Käufers transportiert, auch wenn diese franco Bestimmungsort verkauft wird. Für einen auf höhere Gewalt oder auf andere Ereignisse, welche den Herstellungsprozess verzögern können, wie zum Beispiel Streiks, mangelnde Lieferung durch andere Lieferanten, Schwierigkeiten in der Rohstoffversorgung oder ähnliches, zurückzuführenden eventuellen Versand wird nicht gehaftet. Werden keine genauen Anweisungen erteilt, behalten wir uns vor, die nach unserem freien Ermessen als geeignet erachteten Transportmittel zu wählen.

4. ZAHLUNG

Zahlungen haben am Sitz unserer Niederlassung und unter Einhaltung der in den angenommenen Bestellungen festgelegten Zahlungsformen zu erfolgen. Der auch nur teilweise Verstoß des Käufers gegen die vereinbarten Zahlungsbedingungen berechtigt uns, die laufenden Lieferungen auszusetzen oder einzustellen, wobei wir uns vorbehalten, eventuelle weitere Ansprüche geltend zu machen.

5. GARANTIE

Die Garantie wird ausschließlich dann wirksam, wenn das betreffende Produkt der Metelli S.p.A unter Einhaltung unserer Prozeduren zurückgesandt wird*. Die wegen der in unserer Niederlassung festgestellten Material- oder Herstellungsfehler unbrauchbaren Teile werden kostenlos ersetzt, insofern sie frei dem Sitz unserer Niederlassung übersandt wurden. Dem Käufer steht in keinem Fall ein Recht auf Vertragskündigung oder Schadenersatz zu. Das Garantierrecht des Käufers verfällt, wenn die Mängel nicht innerhalb von acht Tagen nach ihrer Feststellung dem Verkäufer gemeldet werden. Die Beanstandung muss auf alle Fälle innerhalb eines Jahres nach Lieferung gemäß Art. 1495 des Bürgerlichen Gesetzbuchs erfolgen. Wurden die Produkte nicht ordnungsgemäß eingebaut oder verwendet, greift die Garantie nicht**.

6. REKLAMATIONEN

Reklamationen, die später als acht Tage nach dem Erhalt der Ware eingehen, werden nicht berücksichtigt. Auch im Fall von Reklamationen ist der Käufer nicht berechtigt, aufgrund bereits fälliger Rechnungen geschuldete Zahlungen an die Metelli S.p.A. zurückzuhalten***.

7. STREITIGKEITEN

Bei Streitigkeiten findet italienisches Recht Anwendung. Gerichtsstand ist Brescia.

8. EIGENTUMSVORBEHALT

Das von der Metelli S.p.A. gelieferte Material verbleibt bis zur vollständigen Zahlung des Kaufpreises in ihrem Eigentum.

* Die Garantie gilt nur für einen kostenlosen Ersatz, ausgeschlossen sind Kosten oder eine Entschädigung für entstandenen Schaden, fuer alle Teile unter folgender Bedingungen:

- zur Überprüfung kostenfrei an unser Werk gesandt werden. Das Produkt muß komplett und genau in dem Zustand zurückgeschickt werden, in dem der Schaden aufgetreten ist.
- sich nach unserer Prüfung als wirklich nicht funktionsfähig oder defekt aufgrund von Material und/oder Produktions- oder Qualitätskontrollfehlern erwiesen haben.

** Da alle unsere Produkte in Bereichen eingesetzt werden, die als sicherheitsrelevant eingestuft werden, müssen wir jede Verantwortung ablehnen, wenn sie von jemand benutzt werden, der nicht beruflich und/oder gesetzlich dazu qualifiziert ist, genauso wie in Fällen von falscher Benutzung, Einbaufehlern, dem Fehlen oder Vernachlässigen von notwendigen regelmäßigen Überprüfungen und Wartung, Autounfällen, Rennwagen und Geländewagen und in Fällen von Veränderungen oder Manipulationen.

*** Alle Teile, für die eine Garantie abgelehnt wurde und deren Rücksendung zu seinen Lasten der Kunde nicht verlangt, werden innerhalb von zwei Wochen nach Garantieentscheid verschrottet.

HINWEISE

DER VORLIEGENDE KATALOG ANNULLIERT UND ERSETZT DEN VORANGEGANGENEN.

DIE IM KATALOG ENTHALTENEN DATEN STAMMEN VON IN UNSEREM BESITZ BEFINDLICHEN ORIGINALZEICHNUNGEN UND ORIGINALERSATZTEILEN.

DIE KONSTRUKTEURE KÖNNEN DIE EIGENSCHAFTEN IHRER PRODUKTE OHNE VORANKÜNDIGUNG ÄNDERN.

ORIGINALVERWEISE UND VERWEISE ANDERER HERSTELLER WERDEN REIN ZU INFORMATIONSZWECKEN UND IM HINBLICK AUF EINE LEICHTERE IDENTIFIKATION DES GEWÜNSCHTEN TYPUS ZITIERT. WENN ES SICH BEI UNSEREN PRODUKTEN NICHT UM ORIGINALE HANDELT, SIND DIESE MIT DEN ORIGINALEN AUSTAUSCHBAR.

DIE IN DIESEM KATALOG ENTHALTENEN INFORMATIONEN UND DATEN SIND DAS ERGEBNIS SORGFÄLTIGER RECHERCHEN, DIE AUF BESONDERS ZUVERLÄSSIGE QUELLEN ZURÜCKGEGRIFFEN HABEN. TROTZDEM LEHNEN WIR JEGLICHE HAFTUNG FÜR EVENTUELLE FEHLER UND UNGENAUIGKEITEN AB.

DER VORLIEGENDE KATALOG WURDE VON DER METELLI S.P.A. ERSTELLT. JEDE AUCH NUR TEILWEISE VERFÄLTIGUNG IST UNTERSAGT.

CE CATALOGUE A ÉTÉ RÉALISÉ PAR METELLI S.P.A. SA REPRODUCTION MÊME PARTIELLE EST INTERDITE.

- CONDICIONES GENERALES DE VENTA -



1. PEDIDOS

Los pedidos que recibamos serán inmediatamente vinculantes para el Cliente, a quien enviaremos nuestra puntual confirmación. No se aceptarán pedidos que prevean penalidades, de cualquier tipo. Para los artículos que no formen parte de nuestra producción normal, considerados por tanto de "ejecución bajo pedido", está prevista una tolerancia a nuestro favor sobre la cantidad solicitada de $\pm 10\%$.

2. PRECIOS

Los precios se entienden para mercancía puesta en nuestro establecimiento de Cologne Bresciano, embalaje al costo, de no existir acuerdo diferente. En este caso, nuestra aceptación deberá constar inequívocamente por escrito.

3. ENTREGAS Y ENVÍOS

La mercancía viaja siempre por cuenta y riesgo del comprador, aunque se venda puesta en el domicilio del cliente. No se acepta responsabilidad alguna por posibles retrasos de los envíos debidos a causas de fuerza mayor o a cualquier otro evento que pueda retrasar el proceso de fabricación, como ser, a título de ejemplo, agitaciones sindicales, entregas no efectuadas por los proveedores, dificultad de abastecimiento de materias primas, o semejantes. A falta de precisas instrucciones, nos reservamos, a nuestro juicio incuestionable, la elección de los medios de transporte que consideremos más indicados.

4. PAGO

Los pagos se deberán efectuar en nuestro domicilio, respetando las formas previstas para los pedidos aceptados. El incumplimiento, incluso parcial, de parte del comprador de las condiciones de pago convenidas, comportará nuestro pleno derecho a suspender o anular las entregas pendientes, sin perjuicio alguno.

5. GARANTÍA

La garantía será efectiva sola y únicamente cuando el Cliente devuelva el producto en cuestión a Metelli S.p.A respetando totalmente nuestros procedimientos*. Las piezas inservibles por defectos de material o fabricación, constatados en nuestro establecimiento, serán sustituidas gratuitamente si se devuelven puestas en nuestro domicilio. En ningún caso el comprador podrá presentar solicitud de rescisión del contrato o de indemnización de daños. El comprador pierde el derecho a la garantía si no denuncia los vicios al vendedor dentro del plazo de ocho días desde su descubrimiento, y la acción prescribe en todo caso un año después de la entrega con arreglo a lo dispuesto por el art. 1495 del Código Civil. En ningún caso se podrá solicitar la garantía si los productos no han sido instalados o utilizados correctamente**.

6. RECLAMACIONES

Las reclamaciones que lleguen más de ocho días después de la recepción de la mercancía, resultarán desprovistas de todo valor. En todo caso, aunque el comprador presente reclamaciones, no tendrá derecho alguno a retener sumas adeudadas a Metelli S.p.A. por facturas vencidas***.

7. DISPUTAS

Para toda disputa que pueda surgir, se entiende que la ley aplicable es la italiana. El Tribunal territorialmente competente es el de Brescia.

8. CLÁUSULA DE RESERVA DE PROPIEDAD

El material entregado seguirá siendo de propiedad de Metelli S.p.A., hasta que el pago del precio del mismo resulte íntegramente abonado.

* Además la garantía se encuentra limitada a la simple sustitución gratuita, excluido cualquier otro gasto, según las condiciones siguientes:

- devueltos por el cliente a nuestro domicilio para revisión, libre de todo gasto. El producto debe ser devuelto completo y en las mismas condiciones del momento en que se ha realizado el hecho que ha determinado la reclamación.
- serán reconocidos no idóneos o defectuosos por imperfecciones imputables al material y/o al proceso de producción y/o de revisión.

** Ya que nuestros productos pertenecen al sector de los considerados determinantes para la seguridad de vehículos, declinamos toda responsabilidad en el caso de haber sido utilizados por personas no preparadas profesionalmente o no autorizadas oficialmente para efectuar este tipo de intervenciones, así como en todos aquellos casos de uso y/o montaje no conforme, negligencia de mantenimiento, accidente, uso en competiciones deportivas de todo género, en "todoterreno" o como consecuencia de desperfectos.

*** Todos los materiales de los cuales se certifica la falta de motivo de la reclamación y de los cuales el cliente no pide la devolución, a portes debidos, en dos semanas de la notificación, se romperán definitivamente, y el cliente no podrá reclamarlos.

ADVERTENCIAS

ESTE CATÁLOGO ANULA Y SUSTITUYE EL ANTERIOR.

LOS DATOS INDICADOS CORRESPONDEN A PLANOS O A REPUESTOS ORIGINALES EN NUESTRO PODER.

LOS FABRICANTES PUEDEN VARIAR LAS CARACTERÍSTICAS DE SUS PRODUCTOS SIN OBLIGACIÓN DE PREVIO AVISO.

LAS REFERENCIAS ORIGINALES Y DE OTROS FABRICANTES SE CITAN A TÍTULO DE INFORMACIÓN PARA UNA MÁS FÁCIL IDENTIFICACIÓN DE CUANTO REQUERIDO.

CUANDO NUESTROS PRODUCTOS NO SON ORIGINALES, SON INTERCAMBIABLES CON LOS MISMOS.

LA INFORMACIÓN Y LOS DATOS DE ESTE CATÁLOGO SON EL RESULTADO DE UNA DETENIDA BÚSQUDA EFECTUADA EN TODAS LAS FUENTES MÁS ATENDIBLES. SIN EMBARGO DECLINAMOS TODA RESPONSABILIDAD POR LA PRESENCIA DE POSIBLES ERRORES E INEXACTITUDES.

ESTE CATÁLOGO HA SIDO REALIZADO POR METELLI S.P.A. QUEDA PROHIBIDA TODA REPRODUCCIÓN TOTAL O PARCIAL.

- CONDIÇÕES GERAIS DE VENDA -



1. ENCOMENDAS

As encomendas recebidas constituem imediatamente um compromisso do comitente e terão a nossa confirmação. Não se aceitam encomendas que comportem penalidades de qualquer tipo. Para os artigos que não façam parte da nossa produção habitual, susceptíveis de ser considerados como "feitos por encomenda", está prevista uma tolerância a nosso favor sobre a quantidade encomendada de \pm aproximadamente 10%.

2. PREÇOS

Os preços são ex-factory no nosso armazém em Cologne Bresciano, embalagem ao custo indicado, salvo acordo em contrário. Neste caso, a nossa aceitação deverá ser feita expressamente por escrito.

3. ENTREGA E EXPEDIÇÃO

A mercadoria viaja sempre com risco por conta do comprador, mesmo quando vendida com destino franco. Não nos responsabilizamos por eventuais atrasos nas expedições devido a causas de força maior ou qualquer outro acontecimento que possa atrasar o processo de fabrico como, por exemplo, agitações sindicais, a não entrega por parte dos fornecedores, dificuldades de aprovisionamento de matérias-primas ou outras situações semelhantes. Na ausência de instruções específicas, reservamo-nos o direito de escolher os meios de transporte que considerarmos mais adequados.

4. PAGAMENTO

Os pagamentos deverão ser feitos ao nosso domicilio, nos termos previstos nas encomendas aceites. O não cumprimento, mesmo que parcial, das condições de pagamento acordadas, por parte do comprador, concede-nos o pleno direito de suspender ou anular o fornecimento em curso, sem nenhum prejuízo.

5. GARANTIA

A garantia só tem efeito apenas e quando o produto em causa for devolvido à Metelli S.p.a no completo respeito pelos nossos procedimentos*. As peças inutilizadas por defeito de material ou de fabrico, controladas pelo nosso estabelecimento, serão substituídas gratuitamente se forem devolvidas com nosso domicilio franco. Em caso algum poderá o comprador avançar com um pedido de rescisão do contrato ou de indemnização dos danos. O comprador perde o direito à garantia, se não comunicar os defeitos ao vendedor num prazo de oito dias. Em todo o caso garantia tem validade de um ano a contar da data de entrega, assim como disposto no art. 1495 do Código Civil. A garantia não poderá, em nenhum caso, ser invocada, caso os produtos não tenham sido montados ou utilizados correctamente**.

6. RECLAMAÇÕES

Não são válidas as reclamações feitas oito dias após a recepção da mercadoria. Em todo o caso, mesmo que o comprador avance com a reclamação, não terá o direito de reter as quantias em dívida para com a Metelli S.p.A. por facturas vencidas***.

7. LITÍGIOS

Para eventuais litígios que possam surgir, a lei aplicável é a italiana. O Foro territorialmente competente é o de Brescia.

8. CLÁUSULA DE DIREITO DE PROPRIEDADE

O material entregue permanecerá propriedade da Metelli S.p.A., até ao seu integral pagamento.

* Todavia, a garantia limita-se à simples substituição gratuita, excluindo qualquer outra despesa, das peças:

- devolvidas pelo cliente ao nosso domicilio para controlo, livres de qualquer despesa. O produto deve ser devolvido completo e nas mesmas condições de quando se realizou o facto que determinou a reclamação.
- serão reconhecidos não idóneas ou defeituosas por imperfeições imputáveis ao material e/ou ao processo de produção ou de controlo.

** Visto que os nossos produtos pertencem ao sector daqueles considerados determinantes para a segurança do veículo, declinamos toda a responsabilidade em caso de utilização por parte de pessoas não profissionalmente preparadas ou não oficialmente autorizadas a efectuar este tipo de intervenções, assim como em todos os casos de uso e/ou montagem não em conformidade, negligência de manutenção, acidente, uso em competições desportivas de todo o tipo, em todo-o-terreno ou como consequência de reparação.

***Caso o cliente não solicite a devolução de todos os materiais, cuja reclamação não tem fundamento, com as despesas a seu cargo, num prazo de duas semanas após a sua notificação, irão para a sucata sem a possibilidade de serem recuperados.

ATENÇÃO

ESTE CATÁLOGO ANULA E SUBSTITUI O ANTERIOR.

OS DADOS REPRODUZIDOS SÃO EXTRAÍDOS DE DESENHOS ORIGINAIS OU DE PEÇAS DE SUBSTITUIÇÃO ORIGINAIS NA NOSSA POSSE.

OS FABRICANTES PODEM ALTERAR AS CARACTERÍSTICAS DOS PRODUTOS SEM OBRIGAÇÃO DE AVISO PREVIO.

AS REFERÊNCIAS ORIGINAIS E DE OUTROS FABRICANTES SÃO CITADAS A TÍTULO INDICATIVO PARA UMA IDENTIFICAÇÃO MAIS FÁCIL DO TIPO PEDIDO.

QUANDO OS NOSSOS PRODUTOS NÃO SÃO ORIGINAIS, SÃO PERMUTÁVEIS COM ELES.

AS INFORMAÇÕES E DADOS DESTA CATÁLOGO SÃO O RESULTADO DE UMA RIGOROSA PESQUISA EFECTUADA JUNTO DAS FONTES MAIS FIDELÍGNAS. CONTUDO, DECLINAMOS TODA E QUALQUER RESPONSABILIDADE PELA PRESENÇA DE EVENTUAIS ERROS E IMPRECIÇÕES.

O PRESENTE CATÁLOGO FOI ELABORADO PELA METELLI S.P.A. E É PROIBIDA QUALQUER REPRODUÇÃO, TOTAL OU PARCIAL DO SEU CONTEÚDO.