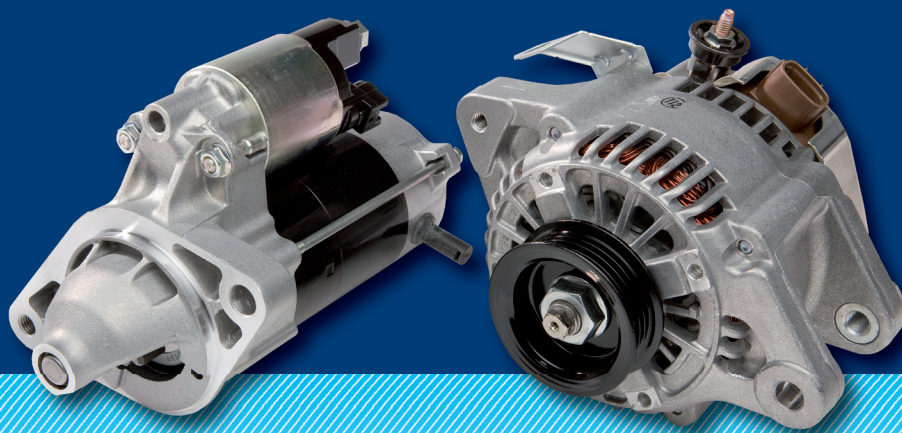


DENSO

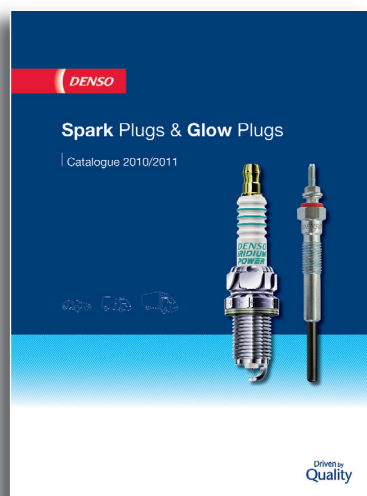
Starters & Alternators

| Catalogue 2010/2011



Driven by
Quality

Catalogue | Overview



Starters & Alternators

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The DENSO difference

Advanced design. OE quality manufacture. Powerful performance. These are the exceptional standards behind DENSO's replacement Starters and Alternators – bringing world class rotating machines technology direct to the aftermarket.

One of the world's largest automotive component suppliers, DENSO is a global leader in developing and manufacturing rotating machines. Our unwavering commitment to outstanding quality, design and innovation mean that our Starters and Alternators are selected as original equipment by carmakers worldwide – winning many supplier and international quality awards along the way.

Founded on this expertise, DENSO's programme of replacement Starters and Alternators offers OE specification, completely new parts, with no remanufactured units. Every machine is subjected to our rigorous manufacturing and testing processes, so you can be sure they meet the highest standards of fit and performance. As well as delivering unique, OE coverage of Toyota and a wide range of European marques such as Ford, Opel, BMW, Fiat and Land Rover, the programme is continually being updated and expanding – and is planned to cover more than 900 applications by 2012.

Why DENSO

- > World-class quality: Manufactured to OE specification
- > Advanced technologies: Featuring DENSO's latest OE technologies and OE production modifications
- > No remanufactured units: No core surcharge or return policy
- > Continual expansion: Programme will offer more than 900 applications by 2012
- > Unique applications: Unrivalled Toyota coverage plus wide range of European marques including Ford, Opel, BMW, Fiat, Land Rover
- > Efficiency: Small size and light weight, yet delivering high output

When you need a replacement Starter or Alternator, there's only one name to choose: DENSO.

World-leading technologies

DENSO Starters

Since introducing its first commercial automotive Starters in the early 1960s, DENSO has poured its world-leading engineering expertise into developing smaller, lighter units that can maintain the highest possible output. In 2001, for example, DENSO introduced the world's first Planetary Reduction Segment Conductor Motor (PS) Starter featuring a square conductor in the armature coil. The PS starter was 22 percent lighter and 14 percent shorter than the Reduction A type (RA) Starter, delivering improved fuel efficiency and an easier fit.

Today, DENSO offers two, advanced types of Starter for aftermarket customers:

RA-Starter

- > High-speed motor with an improved deceleration ratio and a heat-resistant electric wire reduces the size and weight of the motor
- > Cold-forged spline reduces the size and weight of the magnetic switch



PS-Starter

- > A rectangular conductor and surface commutator in the armature, together with a magnet between the main electrodes of the yoke, reduces the size and weight of the starter
- > The damper unit combined with a high deceleration ratio further reduces starter size and reduces driving noise

DENSO Alternators

DENSO introduced its first automotive Alternators in the 1960s. Since then we have pioneered a variety of new alternator designs capable of producing more electrical power more efficiently, yet in a smaller, lighter unit. In 2000, for example, DENSO introduced the world's first SC (Segment Conductor) alternator using a rectangular conductor for its stator coil. By raising the winding density (space factor) from 45 percent to 70 percent, we were able to make the SC Alternator 20 percent lighter and achieve 50 percent higher output than a conventional type.

Today, DENSO offers two, advanced types of Alternator for aftermarket customers:

Alternator with Small Internal Fan

- > Optimised stator and rotor sizes improve the magnetic circuit to increase output
- > Smaller pulley diameter allows a faster rotor
- > Fan features two blades, integrated with the rotor, to reduce fan noise, size and weight



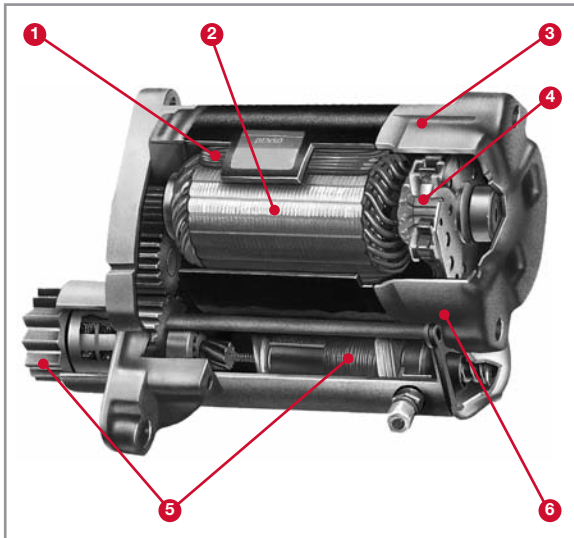
SC Alternator

- > The world's first rectangular conductor in the stator coil increases winding density, reduces weight and increases output
- > One chip IC regulator



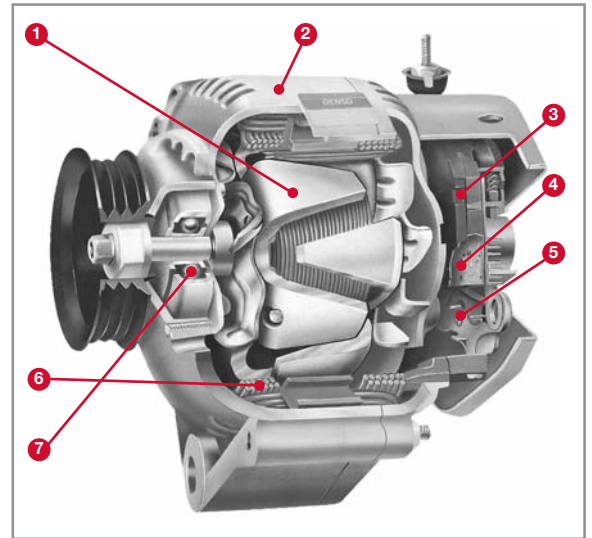
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Technical drawing: Starter



1. Field Coil
2. Armature
3. Housing
4. Commutator
5. Pinion Gear Solenoid Coil
6. Terminal Bolt

Technical drawing: Alternator



1. Rotor
2. Housing
3. Slipring
4. Voltage Regulator
5. Rectifier
6. Stator
7. Bearing

Der DENSO-Unterschied

Hochentwickeltes Design. Erstausrüsterqualität. Leistungsstarke Technik. Diese außergewöhnlich hohen Maßstäbe bilden die Grundlage für die Anlasser und Lichtmaschinen aus dem Ersatzteilprogramm von DENSO – und bringen dadurch Generatoren- und Startertechnik von Weltklasse direkt in den Aftermarket-Bereich.

Als einer der größten Hersteller von Kfz-Bauteilen der Welt ist DENSO ein weltweit führender Entwickler und Hersteller von Drehfeldmaschinen. Das unerschütterliche Engagement des Unternehmens für überragende Qualität, beste Konstruktion und ausgezeichnete Innovation bedeutet, dass seine Anlasser und Lichtmaschinen von Autoherstellern weltweit als Erstausrüstung gewählt werden und immer wieder begehrte Hersteller- und internationale Qualitätsauszeichnungen erhalten.

Gestützt auf diese Fachkenntnis und Kompetenz bietet das DENSO-Ersatzteilprogramm Anlasser & Lichtmaschinen ausschließlich Neuteile in Erstausrüsterqualität, keine überholten Geräte. Jedes Gerät muss die strengen Herstellungs- und Prüfverfahren von DENSO bestehen. Sie können daher sicher sein, dass es den höchsten Eignungs- und Leistungsmaßstäben gerecht wird. Das Sortiment liefert nicht nur die einzigartige Erstausrüster-Abdeckung von Toyota und Geräte für eine breit gefächerte Palette europäischer Marken wie Ford, Opel, BMW, Fiat und Land Rover, sondern wird auch kontinuierlich aktualisiert und erweitert – das gegenwärtige Angebot soll bis 2012 auf mehr als 900 Anwendungen vergrößert werden.

Warum Sie sich für Anlasser und Lichtmaschinen von DENSO entscheiden sollten

- > Weltklasse-Qualität: Hergestellt nach Erstausrüstervorgaben
- > Hochentwickelte Technik: Mit den neuesten Erstausrüster-Technologien und OE-Produktionsänderungen
- > Keine überholten Geräte und kein Pfandzuschlag
- > Kontinuierliche Erweiterung: 2012 soll das Sortiment mehr als 900 Anwendungen abdecken
- > Einzigartige Anwendungen: Unübertroffene Abdeckung von Toyota und eine breit gefächerte Palette europäischer Marken, einschl. Ford, Opel, BMW, Fiat, Land Rover
- > Effizienz: Kompakte Größe und leichtes Gewicht bei hoher Ausgangsleistung

Für Ersatz-Anlasser und -Lichtmaschinen gibt es deshalb eigentlich nur eine Wahl: DENSO

Weltweit führende Technologien

DENSO-Anlasser

Seit der Einführung seiner ersten kommerziellen Kfz-Anlasser Anfang der 1960er Jahre hat DENSO sein weltweit führendes technisches Knowhow in die Entwicklung kompakterer und leichter Geräte, die fortgesetzt die maximale Leistung erbringen können, einfließen lassen. Beispielsweise stellte DENSO 2001 den ersten SC-Starter (SC – Segment Conductor) mit vorgelegtem Planetengetriebe (PS) der Welt mit einem viereckigen Leitungsquerschnitt für die Ankerwicklung her. Dieser PS-Anlasser war 22 % leichter und 14 % kürzer als der RA-Starter genannte Anlasser mit Vorgelege, war leichter einzubauen und ergab einen besseren Kraftstoffverbrauch.

Heute bietet DENSO zwei hochentwickelte Anlassertypen für den Aftermarket an:

Anlasser mit Vorgelege (RA-Starter)

- > Hochtouriger Motor mit einem verbessertem Bremsverhältnis, wärmebeständiger elektrischer Draht verringert Größe und Gewicht des Motors
- > Kleinerer und leichter Magnetschalter dank kaltgeschmiedeter Keilverbindung



SC-Anlasser mit vorgelegtem Planetengetriebe (PS-Starter)

- > Ein Leiter mit rechteckigem Querschnitt und ein Oberflächenkollektor im Anker sowie ein Magnet zwischen den Hauptelektroden des Polgehäuses ergeben einen kleineren und leichteren Anlasser
- > In Verbindung mit einem hohen Bremsverhältnis verringert die Dämpfungseinheit die Anlassergröße weiter und führt zu geringeren Fahrgeräuschen

DENSO-Lichtmaschinen

DENSO stellte seine ersten Kfz-Lichtmaschinen in den 1960er Jahren vor. Seit damals hat das Unternehmen bahnbrechend verschiedene neue Lichtmaschinenversionen entwickelt, die in kompakterer, leichter Ausführung effizienter mehr Elektrizität erzeugen können. Beispielsweise stellte DENSO 2000 die erste SC-Lichtmaschine (SC – Segment Conductor) mit rechteckigem Leiterquerschnitt für die Ständerwicklung vor. Durch eine Steigerung der Wicklungsdichte von 45 % auf 70 % konnte die SC-Lichtmaschine 20 % leichter gemacht werden und 50 % leistungstärker als konventionelle Lichtmaschinen.

Heute bietet DENSO zwei hochentwickelte Lichtmaschinentypen für den Aftermarket an:

Lichtmaschine mit kleinem Ventilator

- > Optimierte Rotor- und Statorgrößen verbessern den magnetischen Schaltkreis und steigern dadurch die Leistung
- > Kleinere Riemenscheibe ermöglicht schnelleren Rotor
- > Ruhigere, kleinere und leichtere Lichtmaschine dank Ventilator mit zwei Flügeln, in Rotor integriert



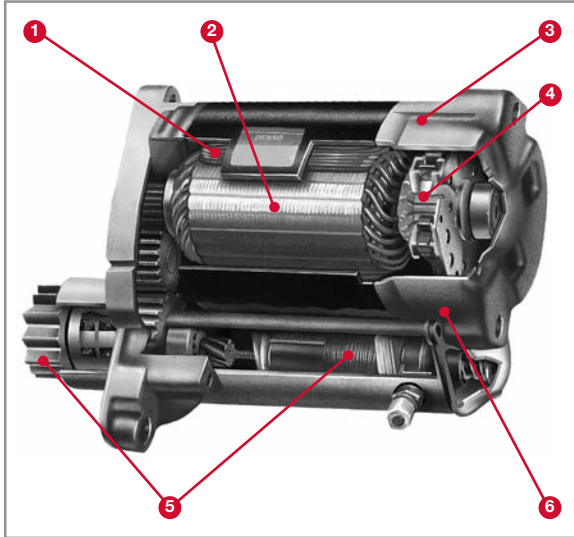
SC-Lichtmaschine

- > Weltweit erstmals: Der rechteckige Leiterquerschnitt der Ständerwicklung erhöht die Wicklungsdichte, verringert das Gewicht und steigert die Leistung
- > IC-Regler (nur ein Chip)



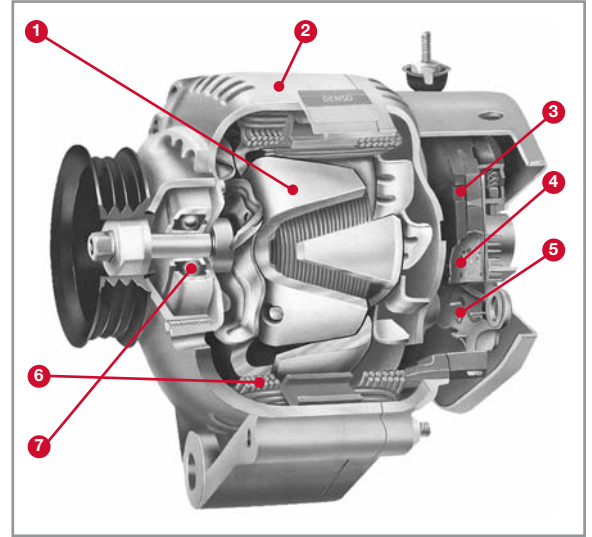
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Technische Zeichnung: Anlasser



1. Feldwicklung
2. Anker
3. Gehäuse
4. Kollektor
5. Ritzel-Magnetwicklung
6. Anschlussschraube

Technische Zeichnung: Lichtmaschine



1. Rotor
2. Gehäuse
3. Schleifring
4. Spannungsregler
5. Gleichrichter
6. Stator
7. Lager

La différence DENSO

Conception évoluée. Fabrication de qualité équipement d'origine (OE). Haute performance. Telles sont les normes exceptionnelles qui caractérisent les démarreurs et les alternateurs DENSO de deuxième monte, mettant la technologie de classe mondiale des machines tournantes à portée directe du marché de la rechange.

Présente parmi les plus grands fournisseurs internationaux de pièces automobiles, la marque DENSO est leader mondial en matière de développement et de fabrication de machines tournantes. Grâce à notre engagement inébranlable à fournir une qualité, une conception et une innovation exceptionnelles, nos démarreurs et nos alternateurs sont sélectionnés par les constructeurs automobiles du monde entier, remportant au passage de nombreuses récompenses décernées aux fournisseurs et de nombreux prix internationaux de la Qualité.

Fort de ces compétences, le programme DENSO de démarreurs et d'alternateurs de rechange offre des caractéristiques techniques de qualité OE et des pièces entièrement neuves, sans composants ré-usinés. Chaque machine fait l'objet de procédés rigoureux de fabrication et d'essai, vous pouvez donc être sûr qu'elle répond aux normes les plus élevées de montage et de performance. En plus de sa couverture unique OE de Toyota et d'un grand nombre de marques européennes telles que Ford, Opel, BMW, Fiat et Land Rover, le programme est constamment mis à jour et augmenté pour couvrir plus de 900 applications d'ici 2012.

Pourquoi DENSO

- > Qualité de classe mondiale : conforme aux spécifications OE
- > Technologies évoluées : intégrant les technologies et les modifications de production de qualité OE les plus récentes de DENSO
- > Pas de pièces ré-usinées : pas de supplément de remise en état ni de politique de renvoi
- > Expansion continue : le programme offrira plus de 900 applications d'ici 2012
- > Affectations uniques : couverture inégalée des applications Toyota à laquelle s'ajoute un vaste éventail de marques européennes dont Ford, Opel, BMW, Fiat, Land Rover
- > Efficacité : petits et légers tout en assurant un haute rendement

Lorsqu'il vous faut un démarreur ou un alternateur de rechange, un seul nom s'impose : DENSO.

Technologies leaders mondiales

Démarreurs DENSO

Depuis l'introduction de ses premiers démarreurs automobiles commerciaux au début des années 60, DENSO a consacré ses compétences techniques de premier rang mondial au développement de produits plus petits et plus légers capables de maintenir le rendement le plus élevé possible. En 2001, par exemple, DENSO a introduit en première mondiale le démarreur à moteur à segment conducteur et réduction planétaire (PS) doté d'un conducteur rectangulaire dans la bobine d'induit. Le démarreur PS était 22% plus léger et 14% plus court que le démarreur du type à Réduction A (RA), assurant une meilleure efficacité de carburant et un montage simplifié.

Actuellement, DENSO offre deux types de démarreurs évolués aux clients du marché de la rechange:

Démarreur RA

- > Moteur à grande vitesse avec rapport d'accélération amélioré et fil électrique résistant à la chaleur, réduisant sa taille et son poids
- > Cannelure forgée à froid réduisant la taille et le poids du solénoïde



Démarreur PS

- > Un conducteur rectangulaire et un commutateur de surface, avec un aimant entre les électrodes principales du boîtier, réduisent la taille et le poids du démarreur
- > L'atténuateur, ainsi qu'un rapport élevé de décélération, diminuent encore plus la taille du démarreur et le bruit de conduite

Alternateurs DENSO

DENSO a introduit ses premiers alternateurs automobiles dans les années 60. Depuis, nous avons été les premiers à créer de nombreux modèles innovateurs d'alternateurs, capables de produire plus de puissance électrique de manière plus efficace, dans un produit pourtant plus petit et plus léger. En 2000, par exemple, DENSO a présenté le premier alternateur SC (Segment Conducteur) au monde, utilisant un conducteur rectangulaire pour sa bobine de stator. En augmentant la densité d'enroulement (facteur d'espace) de 45 pour cent à 70 pour cent, nous avons réussi à réduire le poids de l'Alternateur SC de 20% et à obtenir un rendement 50% plus élevé que sur un produit classique.

Actuellement, DENSO offre deux types d'alternateurs évolués aux clients du marché de la rechange:

Alternateur avec petit ventilateur interne

- > La taille optimisée du stator et du rotor améliore le circuit magnétique pour augmenter le rendement
- > Le diamètre réduit de poulie permet un rotor plus rapide
- > Le ventilateur possède deux pales, intégrées au rotor, afin de réduire le bruit du ventilateur, la taille et le poids



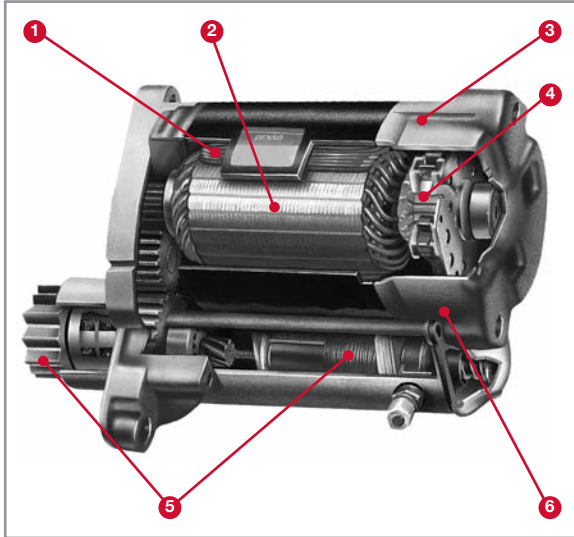
Alternateur SC

- > Le premier conducteur rectangulaire au monde dans la bobine de stator augmente la densité de l'enroulement, réduit le poids et augmente le rendement
- > Régulateur en circuit intégré à puce unique



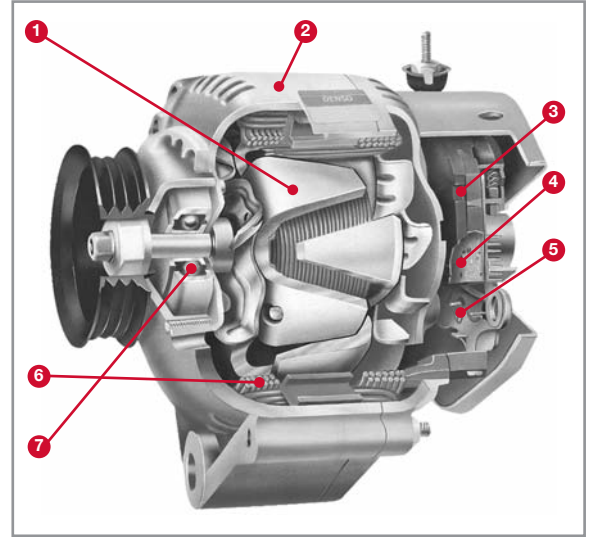
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Schéma technique: Démarreur



1. Inducteur
2. Induit
3. Carter
4. Commutateur
5. Bobine de commande
6. Vis de borne

Schéma technique: Alternateur



1. Rotor
2. Carter
3. Bague collectrice
4. Régulateur de tension
5. Pont redresseur
6. Stator
7. Roulement

La diferencia de DENSO

Diseño avanzado. Fabricación con la calidad de primeros equipos. Altas prestaciones. Éstos son los valores excepcionales que respaldan a los motores de arranque y alternadores de recambio de DENSO, transfiriendo la tecnología de máquinas rotativas avanzadas directamente a la posventa.

Uno de los mayores proveedores de componentes de automoción del mundo, DENSO es un líder global en el desarrollo y fabricación de máquinas rotativas. Nuestro firme compromiso de calidad, diseño e innovación sobresalientes hace que los fabricantes de vehículos seleccionen nuestros motores de arranque y alternadores como primeros equipos, recibiendo al mismo tiempo numerosos galardones internacionales de calidad y homologaciones de proveedor.

Basado en esta experiencia, el programa de motores de arranque y alternadores de recambio de DENSO ofrece las especificaciones de los primeros equipos, con piezas completamente nuevas, no remanufacturadas. Cada producto se somete a nuestros rigurosos procedimientos de fabricación y ensayos, por lo que puede asegurarse el cumplimiento de los más estrictos criterios de montaje y prestaciones. Además de ofrecer una cobertura única de los primeros equipos de Toyota y una amplia variedad de marcas europeas como Ford, Opel, BMW, Fiat y Land Rover, el programa se encuentra en constante actualización y expansión, con planes para una cobertura de más de 900 aplicaciones en 2012.

¿Por qué DENSO?

- > Calidad de primera clase: fabricados con las especificaciones de los primeros equipos
- > Tecnologías avanzadas: incorporando las últimas tecnologías y modificaciones de los primeros equipos de DENSO
- > No hay unidades remanufacturadas: sin cargos por cascos ni políticas de devolución
- > Expansión constante: el programa ofrecerá más de 900 aplicaciones en 2012
- > Aplicaciones únicas: cobertura única de Toyota más una amplia gama de marcas europeas, incluyendo Ford, Opel, BMW, Fiat y Land Rover
- > Rendimiento: ligeros y de dimensiones reducidas, pero de altas prestaciones

Cuando necesite un motor de arranque o un alternador de recambio, sólo hay una elección: DENSO.

Tecnologías de vanguardia

Motores de arranque DENSO

Desde la introducción de sus primeros motores de arranque para vehículos industriales a principios de la pasada década de los años sesenta, DENSO ha dedicado sus conocimientos técnicos de vanguardia al desarrollo de unidades más pequeñas y ligeras capaces de mantener las máximas prestaciones posibles. En 2001, por ejemplo, DENSO introdujo el motor de arranque PS, el primero en el mundo con reducción planetaria y conductor de sección cuadrada en la bobina del inducido. El motor de arranque PS era un 22% más ligero y un 14% más corto que el motor de arranque de reducción A (RA).

En la actualidad, DENSO ofrece dos tipos avanzados de motores de arranque para los clientes de posventa:

Motor de arranque RA

- > Un motor de arranque de alta velocidad con una mejor relación de deceleración, y un tipo de conductor eléctrico resistente al calor que reduce el tamaño y el peso de la unidad
- > El eje acanalado forjado en frío reduce el tamaño y el peso del accionamiento electromagnético



Motor de arranque PS

- > El conductor de sección rectangular y el colector de superficie, junto con un imán entre los electrodos principales de la carcasa, reducen el tamaño y el peso del motor de arranque
- > El amortiguador, junto con la alta relación de deceleración, reducen aún más el peso además del ruido del motor de arranque

Alternadores DENSO

DENSO introdujo sus primeros alternadores de automoción en la pasada década de los años sesenta. Desde entonces, hemos sido pioneros con una variedad de diseños de alternadores capaces de generar más energía eléctrica de forma más eficiente, con unidades de tamaño y peso menores. En 2000, por ejemplo, DENSO introdujo el alternador SC, el primero con un conductor de sección rectangular en la bobina del estátor. Con el incremento de la densidad del devanado del 45% al 70%, conseguimos hacer el alternador SC un 20% más ligero y obtener un 50% más de potencia que con los alternadores convencionales

En la actualidad, DENSO ofrece dos tipos avanzados de alternadores para los clientes de posventa:

Alternador con un pequeño ventilador interior

- > Las dimensiones optimizadas del estátor y el rotor mejoran el circuito magnético, aumentando la potencia obtenida
- > El menor diámetro de la polea permite tener un rotor más rápido
- > Un ventilador de dos palas integrado con el rotor para reducir el ruido, el tamaño y el peso del ventilador



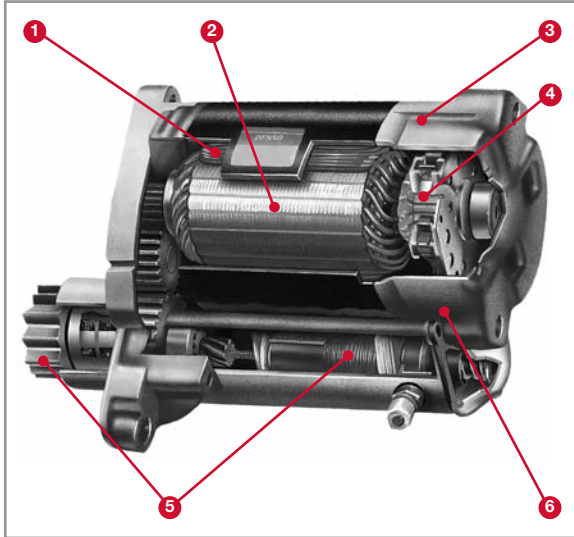
Alternador SC

- > La primera bobina de estátor del mundo con conductor de sección rectangular que permite aumentar la densidad del devanado, reducir el peso, y aumentar la potencia
- > Un regulador de circuito integrado



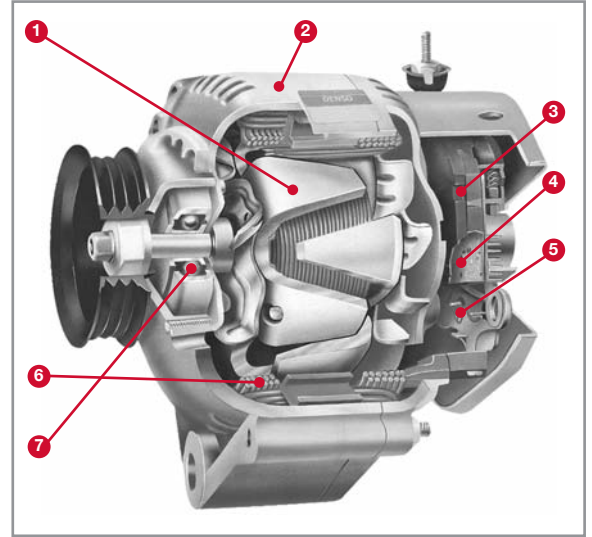
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Plano: Motor de arranque



1. Bobina inductora
2. Inducido
3. Cuerpo
4. Colector
5. Piñón-bobina
6. Terminal

Plano: Alternador



1. Rotor
2. Cuerpo
3. Anillo colector
4. Regulador de tensión
5. Regulador de tensión
6. Estátor
7. Cojinete

La differenza DENSO

Progettazione avanzata. La stessa qualità dei prodotti di primo impianto (OEM). Prestazioni superiori. Queste sono le straordinarie qualità che caratterizzano tutti i motorini d'avviamento e gli alternatori DENSO per il mercato dei ricambi originali (OES), rese ora disponibili anche per il mercato Aftermarket.

DENSO, leader globale nello sviluppo e nella realizzazione di macchine rotanti, è uno dei principali fornitori di componenti per l'industria automobilistica. Grazie alla costante ricerca di soluzioni innovative e all'avanguardia dal punto di vista progettuale e qualitativo, i nostri motorini d'avviamento e alternatori vengono selezionati come componenti di primo impianto dai principali costruttori automobilistici a livello mondiale. DENSO viene costantemente premiata a livello internazionale per la qualità dei prodotti e del servizio prestato.

Per questo il programma di ricambi originali (OES) DENSO è in grado di offrire motorini d'avviamento e alternatori con le stesse caratteristiche qualitative dei componenti di primo impianto (OEM), realizzati con parti completamente nuove e senza componenti rigenerati. Ogni singolo pezzo viene realizzato mediante processi di produzione all'avanguardia e viene sottoposto a rigorosi test qualitativi, a garanzia di un prodotto che soddisfa gli standard più elevati sia in termini di prestazioni che di assemblaggio. Oltre a soddisfare le esigenze del primo impianto di costruttori automobilistici di primo piano come la Toyota e diversi costruttori europei, tra cui Ford, Opel, BMW, Fiat e Land Rover, il programma è in costante aggiornamento ed espansione. Il programma mira a coprire oltre 900 applicazioni entro il 2012.

Perché DENSO

- > Qualità di classe mondiale: prodotti qualitativamente identici ai componenti di primo impianto (OEM)
- > Tecnologia avanzata: componenti che integrano gli ultimi step qualitativi e tecnologici dei prodotti DENSO per il mercato OEM
- > Nessun componente rigenerato: nessun sovrapprezzo per mancato reso
- > Espansione continua: entro il 2012 il programma coprirà più di 900 applicazioni
- > Applicazioni esclusive: copertura capillare per la Toyota, e ampia copertura dei principali costruttori europei, tra cui Ford, Opel, BMW, Fiat e Land Rover
- > Efficienza: componenti leggeri e di dimensioni contenute che offrono nel contempo un rendimento particolarmente elevato

Se avete bisogno di un motorino d'avviamento o di un alternatore di ricambio, la scelta è una sola: DENSO.

Tecnologie leader nel mondo

Motorini d'avviamento DENSO

Dal momento della presentazione della sua prima linea commerciale di motorini d'avviamento per il settore automobilistico nei primi anni Sessanta, DENSO ha fatto leva sulle proprie competenze tecniche per lo sviluppo di dispositivi più compatti e leggeri in grado di garantire livelli prestazionali elevati. Per esempio, nel 2001 DENSO ha presentato il primo motorino d'avviamento al mondo con tecnologia PS (Planetary Reduction Segment Conductor Motor) dotato di conduttore a sezione rettangolare nell'avvolgimento del rotore. Grazie a una riduzione del 22 per cento in termini di peso e del 14 per cento in termini di lunghezza rispetto al motorino RA (Reduction A type), il motorino PS consentiva una maggiore facilità di assemblaggio e produceva una maggiore efficienza di alimentazione.

Oggi DENSO offre due tipi avanzati di motorino d'avviamento per il mercato Aftermarket:

Motorini d'avviamento RA

- > Motorino ad alta velocità a bassa inerzia che fanno uso di conduttori termostabili per gli avvolgimenti, permettendo di ridurre le dimensioni e il peso del motorino
- > Scanalatura forgiata a freddo che permette di ridurre le dimensioni e il peso del commutatore magnetico



Motorino d'avviamento PS

- > L'indotto, grazie a un commutatore superficiale e un conduttore a sezione rettangolare, in combinazione con un magnete tra gli elettrodi principali del nucleo, permette di ridurre le dimensioni e il peso del motorino d'avviamento
- > L'uso di uno smorzatore e la bassa inerzia consentono di ridurre ulteriormente le dimensioni e la rumorosità del motorino d'avviamento

Alternatori DENSO

DENSO ha presentato la prima serie di alternatori per applicazioni automobilistiche nel 1960. Da allora l'azienda nipponica è sempre stata all'avanguardia nel settore, realizzando dispositivi sempre più piccoli e leggeri che adottano soluzioni innovative mirate in modo specifico a sviluppare una maggiore potenza ed efficienza. Per esempio, nel 2000 DENSO ha presentato il primo alternatore al mondo con tecnologia SC (Segment Conductor) dotato di avvolgimento dello statore a conduttore a sezione rettangolare. Con l'aumento della densità dell'avvolgimento (coefficiente di riempimento) da 45 a 70 per cento, l'alternatore SC è risultato più leggero del 20 per cento e più efficiente del 50 per cento rispetto a un alternatore di tipo convenzionale.

Oggi DENSO offre due tipi di alternatori avanzati per il mercato Aftermarket:

Alternatore con piccola ventola interna

- > Statore e dimensioni del rotore ottimizzati per aumentare l'efficienza del circuito magnetico e migliorare la potenza
- > Diametro ridotto della puleggia per un rotore più veloce
- > Ventola a due pale, combinata con il rotore per ridurre le dimensioni, il peso e la rumorosità della ventola



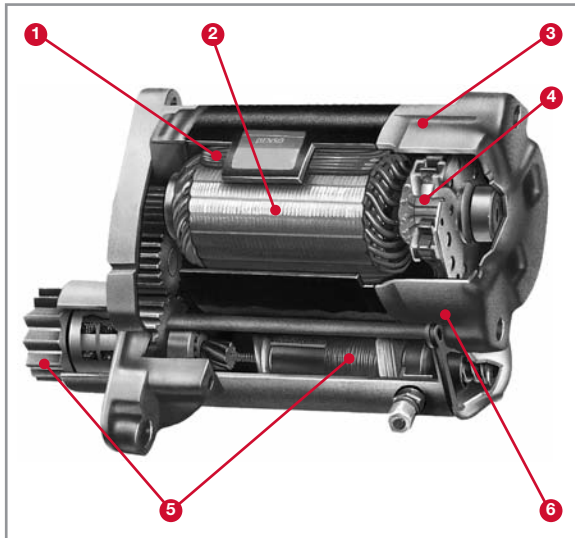
Alternatore SC

- > Il primo conduttore a sezione rettangolare nell'avvolgimento dello statore al mondo aumenta la densità dell'avvolgimento, riduce il peso e aumenta la potenza
- > Regolatore IC one-chip



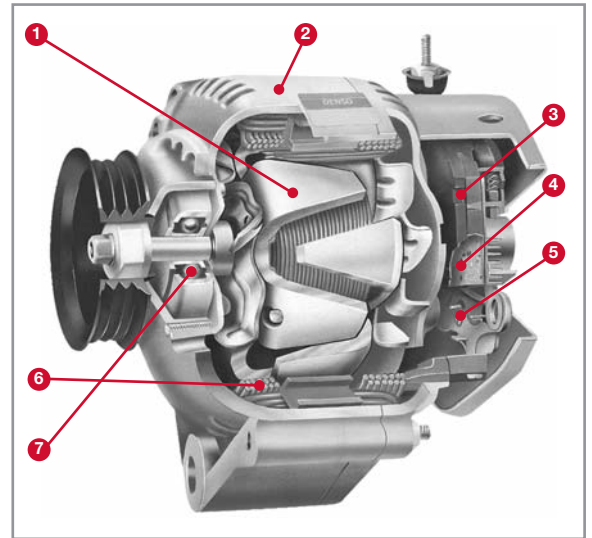


Disegni tecnici: motorino d'avviamento



1. Bobina d'eccitazione
2. Indotto
3. Corpo
4. Commutatore
5. Ingranaggio pignone avvolgimento solenoide
6. Bullone terminale alimentazione

Disegni tecnici: alternatore



1. Rotore
2. Corpo
3. Anello collettore
4. Regolatore di tensione
5. Raddrizzatore
6. Statore
7. Cuscinetto

Skillnaden med DENSO

Avancerad konstruktion. Tillverkning i OE-kvalitet. Kraftfull prestanda. Det här är de exceptionella egenskaperna som ligger till grund för DENSOs utbytesgeneratorer och -startmotorer – teknologi för roterande maskiner i världsklass direkt till eftermarknaden.

DENSO, en av världens största leverantörer av fordonskomponenter, är en global ledare inom utveckling och tillverkning av roterande maskiner. Vårt åtagande när det gäller enastående kvalitet, design och innovation innebär att våra startmotorer och generatorer väljs som originalutrustning av biltillverkare över hela världen – och vinner flera leverantörsutmärkelser och internationella kvalitetsutmärkelser längs vägen.

DENSOs program med utbytesgeneratorer och -startmotorer, som bygger på den här expertisen, erbjuder OE-specifikationer med helt nya delar utan några återtillverkade enheter. Varje maskin genomgår DENSOs rigorösa tillverknings- och testningsprocesser, så att du kan vara säker på att de uppfyller de högsta standarderna gällande tillförlitlighet och prestanda. Förutom att programmet tillhandahåller unik OE-täckning av Toyota och ett stort antal europeiska märken, som Ford, Opel, BMW, Fiat och Land Rover, uppdateras och utvidgas programmet kontinuerligt, och planeras omfatta fler än 900 tillämpningar år 2012.

Varför DENSO

- > Kvalitet i världsklass: Tillverkad till OE-specifikationer
- > Avancerade teknologier: Innefattar DENSOs senaste OE-teknologier och OE-produktionsmodifieringar
- > Inga återtillverkade enheter: Utbytt enhet behöver inte returneras till DENSO
- > Kontinuerlig expansion: Programmet kommer erbjuda fler än 900 tillämpningar 2012
- > Unika tillämpningar: Ööverträffat produktutbud för Toyota och för ett stort antal europeiska märken, inklusive Ford, Opel, BMW, Fiat och Land Rover
- > Effektivitet: Liten storlek och vikt men hög verkningsgrad

När en utbytesgenerator eller -startmotor behövs finns bara ett självklart val: DENSO.

Världsledande teknologier

DENSO startmotorer

Efter introduktionen av sina första kommersiella startmotorer för fordon under tidigt 60-tal har DENSO använt sin världsledande tekniska expertis på utveckling av mindre, lättare enheter som kan upprätthålla högsta möjliga effekt under längsta möjliga tid. År 2001 lanserade DENSO t.ex. världens första startmotor med planetreduktionsväxel och segmentledare (PS-motor), samt fyrkantig ledare i spolen. PS-startmotorn var 22 % lättare och 14 % kortare än reduktionsmotorer av A-typ (RA-motor), och erbjuder bättre bränsleekonomi och enklare installation.

Idag erbjuder DENSO eftermarknadskunderna två avancerade typer av startmotorer:

RA-motor

- > Hög hastighetsmotor med snabbare inbromsning och en värmebeständig ledning, vilket minskar motorns storlek och vikt
- > Kallbearbetad tapp minskar magnetkontaktens storlek och vikt



PS-motor

- > En rektangulär ledare och strömmomkastare i armaturen, tillsammans med en magnet mellan statorns huvudelektroder, minskar startmotorns storlek och vikt
- > Dämpningsenheten tillsammans med snabb inbromsning minskar startmotorns storlek ytterligare och reducerar ljudnivån

DENSO generatorer

DENSO lanserade sina första generatorer för fordon på 60-talet. Sedan dess har vi varit föregångare när det gäller många nya generatorkonstruktioner som kan generera mer elkraft på ett effektivare sätt och i en mindre och lättare enhet. År 2000 lanserade DENSO t.ex. världens första SC-generator (Segment Conductor), där en rektangulär ledare användes i statorspolen. Genom att öka lindningsdensiteten (utrymmesfaktor) från 45 % till 70 % kunde vi göra SC-generatorn 20 % lättare och åstadkomma 50 % högre effekt jämfört med konventionella generatorer.

Idag erbjuder DENSO eftermarknadskunderna två olika avancerade typer av generatorer:

Generator med liten intern fläkt

- > Optimerade stator- och rotorstorlekar förbättrar den magnetiska kretsen vilket ger större uteffekt
- > Mindre diameter på remskivan medger snabbare rotor
- > Fläkten har två blad som är integrerade i rotorn för att minska fläktljudet, storleken och vikten



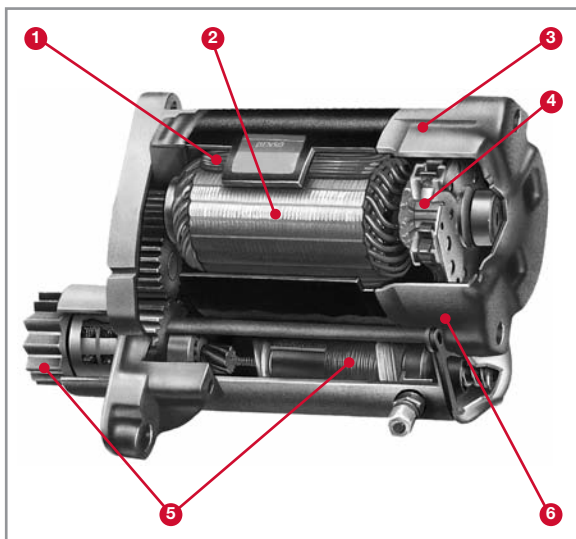
SC-generator

- > Världens första rektangulära ledare i statorspolen ökar lindningsdensiteten och uteffekten, samt minskar vikten
- > IC-regulator med ett chip



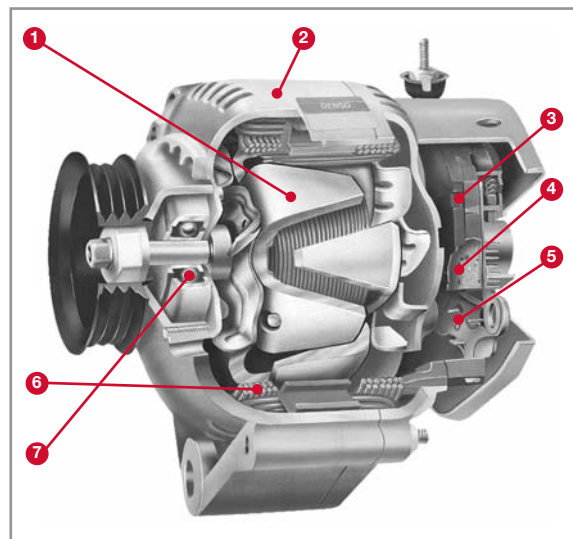
SE

Ritning över enhet: Startmotor



1. Fältspole
2. Armatur
3. Inneslutning
4. Strömmkastare
5. Magnetspole för kuggdrev
6. Plintbult

Ritning över enhet: Generator



1. Rotor
2. Inneslutning
3. Släpning
4. Spänningsregulator
5. Likriktare
6. Stator
7. Lager

Różnica DENSO

Zaawansowana konstrukcja. Produkcja o jakości OE. Potężne osiągi. Są to wyjątkowe standardy, które stoją za zamiennymi rozrusznikami i alternatorami firmy DENSO – wprowadzając światowej klasy technologię urządzeń obrotowych na rynek wtórny.

Firma DENSO, jeden z największych producentów części dla przemysłu motoryzacyjnego, jest światowym liderem w dziedzinie rozwoju i produkcji urządzeń obrotowych. Niezachwiane zaangażowanie firmy w wyjątkową jakość, konstrukcję i innowacje sprawiło, że nasze rozruszniki i alternatory zostały wybrane jako wyposażenie oryginalne przez producentów samochodów na całym świecie – otrzymując w międzyczasie wiele międzynarodowych nagród od dostawców.

W oparciu o te kompetencje, program wymiany rozruszników i alternatorów DENSO oferuje specyfikacje OE i całkowicie nowe części, bez modułów regenerowanych. Każde urządzenie podlega naszym surowym procedurom produkcyjnym i testowym, więc możemy Państwa zapewnić, że spełniają one najwyższe wymagania w zakresie montażu i osiągnięć. Obok unikatowych dostaw OE dla firmy Toyota i szerokiej gamy marek europejskich, takich jak Ford, Opel, BMW, Fiat i Land Rover, program jest na bieżąco aktualizowany i rozszerzany. Do 2012 roku planujemy objąć nim ponad 900 zastosowań.

Dlaczego DENSO?

- > Światowa jakość: Produkcja zgodna ze specyfikacjami OE
- > Zaawansowane technologie: Wykorzystanie przez DENSO najnowszych technologii OE i modyfikacja produkcji OE
- > Brak modułów regenerowanych: Polityka braku kaucji recyklingowej
- > Ciągły rozwój: Do 2012 roku programem objęte zostanie ponad 900 zastosowań
- > Unikatowe zastosowania: Niezrównany zakres zastosowań dla Toyoty oraz szerokiej gamy marek europejskich, takich jak Ford, Opel, BMW, Fiat, Land Rover
- > Wydajność: Niewielkie wymiary i masa przy wysokiej wydajności

Dlatego, gdy konieczna jest wymiana rozrusznika lub alternatora, wybór jest tylko jeden: DENSO.

Przodujące w świecie technologii

Rozruszniki DENSO

Od chwili wprowadzenia na rynek swych pierwszych rozruszników samochodowych na początku lat 60-tych ubiegłego wieku, DENSO wykorzystywało swą przodującą w świecie biegłość inżynierską przy opracowywaniu mniejszych, lżejszych jednostek, które jednocześnie mogłyby utrzymać możliwie najwyższe osiągi. Przykładowo, w 2001 roku firma DENSO, jako pierwsza na świecie, wprowadziła rozrusznik wyposażony w przekładnię planetarną i uzwojenie wirnika wykonane z drutu o przekroju prostokątnym (rozrusznik PS). Rozrusznik PS był o 22 procent lżejszy i 14 procent krótszy niż rozrusznik z reduktorem typu A (RA), jednocześnie zapewniając mniejsze zużycie paliwa i łatwiejszy montaż.

Obecnie DENSO oferuje klientom rynku wtórnego dwa nowoczesne typy rozruszników:

Rozrusznik RA

- > Wysokoobrotowy silnik z poprawionym współczynnikiem hamowania i przewodami o wysokiej odporności termicznej, które zmniejszają wymiary i masę silnika
- > Kuty na zimno wielowypust zmniejsza wymiary i masę przełącznika magnetycznego



Rozrusznik PS

- > Zastosowanie drutu o przekroju prostokątnym i płaskiego komutatora w wirniku razem z magnesem miedzy głównymi elektrodami jarzma, zmniejsza wymiary i masę rozrusznika
- > Moduł tłumiący w połączeniu z wysokim współczynnikiem hamowania dodatkowo zmniejsza wymiary rozrusznika oraz hałas podczas pracy

Alternatory DENSO

Firma DENSO wprowadziła swe pierwsze alternatory samochodowe na rynek w latach 60-tych ubiegłego wieku. Od tego czasu stworzyliśmy wiele pionierskich konstrukcji alternatorów, które były zdolne do wytwarzania większej mocy elektrycznej, z większą sprawnością oraz w mniejszych i lżejszych urządzeniach. Przykładowo, w 2000 roku firma DENSO, jako pierwsza na świecie, wprowadziła alternator typu SC wykorzystujący w uzwojeniu stojana drut o przekroju prostokątnym. Zwiększając gęstość uzwojenia od 45 do 70 procent, mogliśmy wyprodukować alternator SC, który był o 20 procent lżejszy i posiadał o 50% wyższą moc od alternatora konwencjonalnego.

Obecnie DENSO oferuje klientom rynku wtórnego dwa nowoczesne typy alternatorów:

Alternatory z niewielkim wentylatorem wewnętrznym

- > Zoptymalizowane wymiary stojana i wirnika pozwalają na zwiększenie mocy obwodu magnetycznego
- > Zmniejszona średnica koła pasowego umożliwia zastosowanie szybszego wirnika
- > Wentylator wyposażony w dwie łopatki, zintegrowane z wirnikiem, charakteryzuje się niższym poziomem hałasu, mniejszymi wymiarami i masą



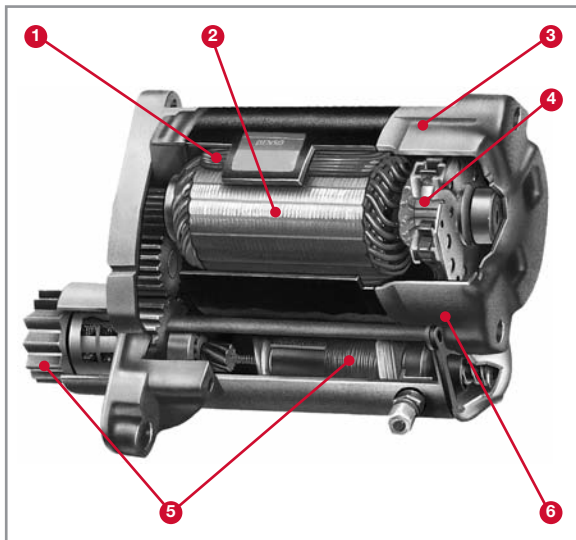
Alternator SC

- > Drut o przekroju prostokątnym w uzwojeniu stojana, zastosowany po raz pierwszy na świecie, zwiększa gęstość uzwojenia, zmniejsza masę i zwiększa moc
- > Regulator w jednym układzie scalonym



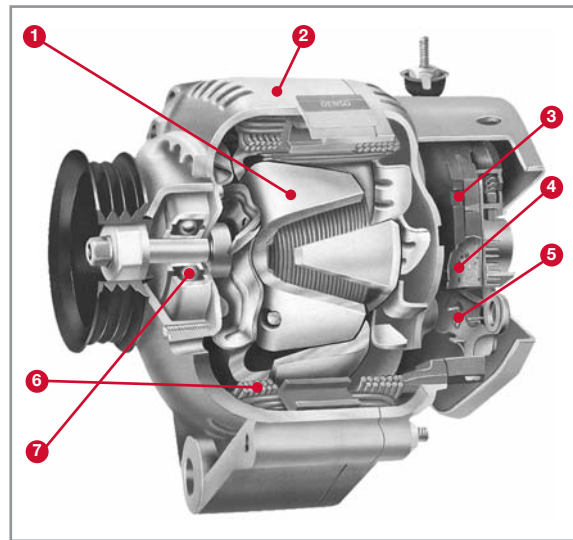
PL

Rysunek techniczny Rozrusznik



1. Cewka magnetycznej
2. Wirnik
3. Obudowa
4. Komutator
5. Cewka zębnika
6. Śruba zacisku

Rysunek techniczny Alternator



1. Wirnik
2. Obudowa
3. Pierścień ślizgowy
4. Regulator napięcia
5. Prostownik
6. Stojan
7. Łożysko

RU

Отличительные характеристики DENSO

Усовершенствованная конструкция. Качество оригинального оборудования. Высокая эффективность. Именно таких высоких стандартов придерживается компания DENSO при производстве стартеров и генераторов, делая технологии высочайшего уровня доступными на вторичном рынке автокомпонентов.

Компания DENSO, один из крупнейших в мире поставщиков автокомпонентов, является лидером в сфере разработки и производства вращающихся механизмов. Незыблемые принципы, которых мы придерживаемся, – выдающееся качество, инновации и современный дизайн – стали залогом того, что многие автопроизводители выбирают стартеры и генераторы DENSO в качестве оригинального оборудования. Правильность выбора автопроизводителей подтверждается многочисленными наградами, полученными DENSO в качестве лучшего поставщика, а также международными наградами за выдающееся качество продукции, полученными компанией за время ее существования.

Эти принципы положены в основу производственной программы DENSO по стартерам и генераторам оригинального качества для вторичного рынка без использования восстановленных деталей. Строжайший контроль в процессе производства и тщательное тестирование каждого механизма исключают проблемы при установке детали и гарантируют бесперебойную работу. В настоящий момент DENSO предлагает стартеры и генераторы оригинального качества для автомобилей Toyota и ряда европейских марок, таких как Ford, Opel, BMW, Fiat и Land Rover. Программа постоянно обновляется и расширяется – к 2012 году планируется расширение ассортимента до 900 применений.

Почему именно DENSO?

- > Высочайший уровень качества: продукция производится в точном соответствии со спецификацией автопроизводителей; не используются восстановленные детали
- > Передовые технологии: использование самых современных технологий в соответствии с требованиями, предъявляемыми к оригинальным автокомпонентам
- > Постоянное расширение программы: программа будет охватывать более 900 применений к 2012 году
- > Уникальные применения: большое количество применений для Toyota и многих европейских марок, включая Ford, Opel, BMW, Fiat, Land Rover
- > Эффективность: высокая производительность, несмотря на небольшой размер и вес детали

Если в вашем автомобиле необходимо заменить стартер или генератор, есть только одно решение – DENSO.



Ведущие мировые технологии

Стартеры DENSO

С начала 1960-х годов, когда на рынке были представлены первые стартеры DENSO, инженеры компании сосредоточились на разработке и создании малых по размеру и весу механизмов, обладающих при этом высочайшей производительностью. В 2001 году компания DENSO представила первый в мире PS стартер (планетарный редукторный стартер с сегментным проводником), провод обмотки которого имеет квадратное сечение. Вес и размер PS стартера соответственно на 22 процента и на 14 процентов меньше, чем у RA стартера (редукторного стартера типа A). Благодаря этому PS стартер обеспечивает лучшую топливную эффективность и отличается простотой установки.

Сегодня DENSO предлагает два усовершенствованных типа стартеров для вторичного рынка:

RA стартер

- > Высокоскоростной механизм с пониженным коэффициентом торможения и термостойким электрическим проводом имеет малый размер и вес
- > Холоднокованное шлицевое соединение уменьшает размер и вес втягивающего реле



PS Стартер

- > Провод обмотки с прямоугольным сечением и торцевой коллектор в обмотке вместе с магнитом, расположенным между главными полюсами вилки статора, уменьшают размер и вес стартера
- > Демпфер с пониженным коэффициентом торможения уменьшает габариты стартера и снижает уровень шума

Генераторы DENSO

В 1960-х годах компания DENSO впервые представила на рынке генераторы. С тех пор нам принадлежит первенство в разработке множества типов генераторов переменного тока, которые могут более эффективно производить электроэнергию при меньшем размере и весе. Например, в 2000 году компания DENSO представила первый в мире генератор с сегментным проводником, в котором для обмотки был использован провод, имеющий прямоугольное сечение. Повысив плотность заполнения с 45 процентов до 70 процентов, инженеры компании смогли уменьшить вес генератора на 20 процентов и добиться 50-процентного увеличения его производительности.

Сегодня DENSO предлагает два усовершенствованных типа генераторов для вторичного рынка:

Генератор с внутренним вентилятором

- > Оптимизация размеров статора и ротора улучшает параметры магнитной цепи и повышает производительность
- > Меньший диаметр шкива способствует увеличению скорости вращения ротора
- > Две лопасти вентилятора, объединенные с ротором, позволяют уменьшить шум вентилятора, его размер и вес

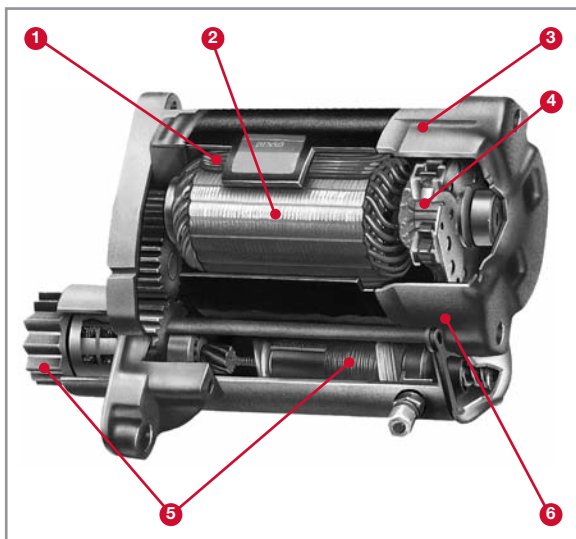


Генератор с сегментным проводником

- > Первый в мире проводник с прямоугольным сечением в обмотке статора позволяет увеличить плотность намотки, уменьшить вес генератора и повысить его производительность
- > Регулятор на одной интегральной микросхеме

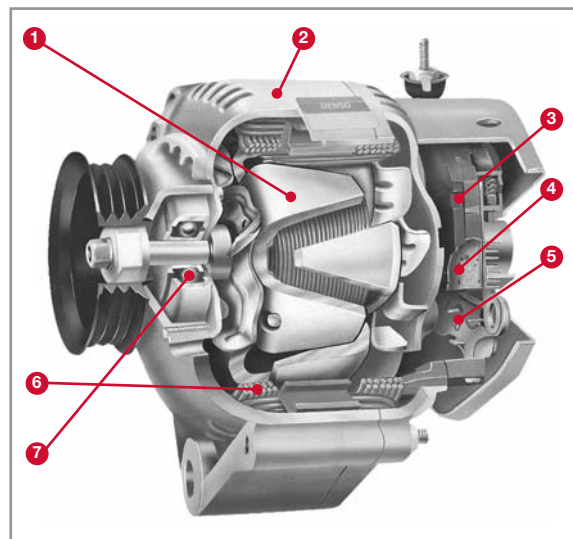
RU

Технический чертеж: стартер



1. Катушка возбуждения
2. Ротор
3. Корпус
4. Коммутатор
5. Ведущая шестерня и втягивающее реле
6. Болт с зажимами

Технический чертеж: генератор













1. Ротор
2. Корпус
3. Контактное кольцо
4. Регулятор напряжения
5. Выпрямитель
6. Статор
7. Подшипник

DENSO Application Tables – Starters





















		KW/HP							Power (kW)
ALFA ROMEO									
145 1.4 i.e. 16V T.S. (930)	Petrol	76/103	AR33503	12/96 > 01/01	Manual	DSN579		12	1.4
145 1.4 i.e. 16V T.S. (930)	Petrol	76/103	AR33503	12/96 > 01/01	Manual	DSN579	ch.->3115409	12	1.4
145 1.4 i.e. 16V T.S. (930)	Petrol	76/103	AR33503	12/96 > 01/01	Manual	DSN579	ch.3115410->	12	1.4
145 1.6 i.e. 16V T.S. (930)	Petrol	88/120	AR32102, AR67601	12/96 > 01/01	Manual	DSN579		12	1.4
145 1.8 i.e. 16V (930)	Petrol	106/144	AR32201	03/98 > 01/01	Manual	DSN579		12	1.4
145 1.8 i.e. 16V T.S. (930)	Petrol	103/140	AR67106	12/96 > 12/98	Manual	DSN579		12	1.4
145 1.8 i.e. 16V T.S. (930)	Petrol	103/140	AR67106, AR67199	12/96 > 12/98	Manual	DSN579		12	1.4
145 2.0 16V Quadrifoglio (930)	Petrol	114/155	AR32301	03/98 > 01/01	Manual	DSN579		12	1.4
145 2.0 16V T.S. (930)	Petrol	110/150	AR67204, AR67299	10/95 > 02/99	Manual	DSN579	ch.->3115409	12	1.4
145 2.0 16V T.S. (930)	Petrol	110/150	AR67204, AR67299	10/95 > 02/99	Manual	DSN579	ch.3115410->	12	1.4
146 1.4 i.e. 16V T.S. (930)	Petrol	76/103	AR33503	11/96 > 01/01	Manual	DSN579	ch.->92746	12	1.4
146 1.4 i.e. 16V T.S. (930)	Petrol	76/103	AR33503	11/96 > 01/01	Manual	DSN579	ch.92747->	12	1.4
146 1.6 i.e. 16V T.S. (930)	Petrol	88/120	AR32102, AR67601	11/96 > 01/01	Manual	DSN579		12	1.4
146 1.6 i.e. 16V T.S. (930)	Petrol	88/120	AR32102, AR67601	11/96 > 01/01	Manual	DSN579	ch.->92746	12	1.4
146 1.6 i.e. 16V T.S. (930)	Petrol	88/120	AR32102, AR67601	11/96 > 01/01	Manual	DSN579	ch.92747->	12	1.4
146 1.8 i.e. 16V T.S. (930)	Petrol	103/140	AR67106	11/96 > 01/01	Manual	DSN579	ch.->92746	12	1.4
146 1.8 i.e. 16V T.S. (930)	Petrol	103/140	AR67106	11/96 > 02/99	Manual	DSN579	ch.92747->	12	1.4
146 1.8 i.e. 16V T.S. (930)	Petrol	106/144	AR32201	03/98 > 01/01	Manual	DSN579		12	1.4
146 1.9 TD (930)	Diesel	66/90	AR33601, AR67501	12/94 > 02/99	Manual	DSN579		12	1.4
146 2.0 16V Quadrifoglio (930)	Petrol	114/155	AR32301	03/98 > 01/01	Manual	DSN579		12	1.4
146 2.0 16V T.S. (930)	Petrol	110/150	AR67204	10/95 > 01/01	Manual	DSN579	ch.->92746	12	1.4
146 2.0 16V T.S. (930)	Petrol	110/150	AR67204	10/95 > 01/01	Manual	DSN579	ch.92747->	12	1.4
147 1.6 16V T.SPARK (937AXB1A)	Petrol	88/120	AR32104	01/01 >	Manual	DSN579	ch.->3086002	12	1.4
147 1.6 16V T.SPARK (937AXB1A)	Petrol	88/120	AR32104	01/01 >	Manual	DSN579	ch.->3164163	12	1.4
147 1.6 16V T.SPARK ECO (937AXA1A)	Petrol	77/105	AR37203	01/01 >	Manual	DSN579	ch.->3086002	12	1.4
147 1.6 16V T.SPARK ECO (937AXA1A)	Petrol	77/105	AR37203	01/01 >	Manual	DSN579	ch.->3164163	12	1.4
147 2.0 16V T.SPARK (937AXC1)	Petrol	110/150	AR32310	01/01 >	Manual	DSN579	ch.->3086002	12	1.4
147 2.0 16V T.SPARK (937AXC1)	Petrol	110/150	AR32310	01/01 >	Manual	DSN579	ch.->3164163	12	1.4
147 2.0 16V T.SPARK (937AXC1)	Petrol	110/150	AR32310	01/01 > 09/04	Manual	DSN579		12	1.4
155 1.7 T.S. 16V (167)	Petrol	103/140	AR67106	05/96 > 12/97	Manual	DSN579		12	1.4
155 2.0 T.S. 16V (167.A2G)	Petrol	110/150	AR67204	03/95 > 12/97	Manual	DSN579		12	1.4
155 2.0 T.S. 16V (167.A2G)	Petrol	110/150	AR67204, AR67299	03/95 > 12/97	Manual	DSN579		12	1.4
156 1.6 16V T.SPARK (932A4)	Petrol	88/120	AR, AR32102, AR32103, AR32104, AR67601	09/97 > 03/03	Manual	DSN579		12	1.4
156 1.6 16V T.SPARK (932A4)	Petrol	88/120	AR32102, AR32103, AR32104, AR67601	04/03 > 09/05	Manual	DSN579	ch.->1287014	12	1.4
156 1.8 16V T.SPARK (932A3)	Petrol	106/144	AR32201	09/97 > 10/00	Manual	DSN579		12	1.4
156 1.8 16V T.SPARK (932A31)	Petrol	103/140	AR32205	04/03 > 09/05	Manual	DSN579	ch.->1287014	12	1.4
156 1.8 16V T.SPARK (932A31)	Petrol	103/140	AR32205	10/00 > 03/03	Manual	DSN579		12	1.4
156 2.0 16V T.SPARK (932A2)	Petrol	114/155	AR32301	09/97 > 10/00	Manual	DSN579		12	1.4
156 2.0 16V T.SPARK (932A21)	Petrol	110/150	AR32310	10/00 > 03/02	Manual	DSN579		12	1.4
156 2.0 JTS (932AXA)	Petrol	122/166	932A2000, 937A1000	03/02 > 03/03	Manual	DSN579		12	1.
156 2.0 JTS (932AXA)	Petrol	122/166	932A2000, 937A1000	04/03 > 09/05	Manual	DSN579	ch.->1287014	12	1.4
156 Sportwagon 1.6 16V T.SPARK. (932A4)	Petrol	88/120	AR32104, AR67601	04/03 > 05/06	Manual	DSN579	ch.->1287014	12	1.4
156 Sportwagon 1.6 16V T.SPARK. (932A4)	Petrol	88/120	AR32104, AR67601	05/00 > 03/03	Manual	DSN579		12	1.4
156 Sportwagon 1.8 16V T.SPARK (932A3)	Petrol	106/144	AR32201	05/00 > 10/00	Manual	DSN579		12	1.4
156 Sportwagon 1.8 16V T.SPARK (932B31)	Petrol	103/140	AR32205	04/03 > 05/06	Manual	DSN579	ch.->1287014	12	1.4
156 Sportwagon 1.8 16V T.SPARK (932B31)	Petrol	103/140	AR32205	10/00 > 03/03	Manual	DSN579		12	1.4
156 Sportwagon 1.9 JTD (932B2)	Diesel	77/105	AR32302	05/00 > 10/00	Manual	DSN579		12	1.4
156 Sportwagon 2.0 (932)	Petrol	119/162	937A1000	03/02 > 03/03	Manual	DSN579		12	1.4
156 Sportwagon 2.0 (932)	Petrol	119/162	937A1000	04/03 > 05/06	Manual	DSN579	ch.->1287014	12	1.4
156 Sportwagon 2.0 16V T.SPARK (932A2)	Petrol	114/155	AR32301	05/00 > 10/00	Manual	DSN579		12	1.4
156 Sportwagon 2.0 16V T.SPARK (932B21)	Petrol	110/150	AR32310	10/00 > 03/02	Manual	DSN579		12	1.4
156 Sportwagon 2.0 JTS (932BXA)	Petrol	122/166	937A1000	03/02 > 03/03	Manual	DSN579		12	1.4
156 Sportwagon 2.0 JTS (932BXA)	Petrol	122/166	937A1000	04/03 > 05/06	Manual	DSN579	ch.->1287014	12	1.4
166 2.0 T.SPARK (936A3A)	Petrol	114/155	AR34103	09/98 > 10/00	Manual	DSN579		12	1.4
166 2.0 T.SPARK (936A3B)	Petrol	110/150	AR36301	10/00 > 04/06	Manual	DSN579		12	1.4
GTV 1.8 16V (916C3)	Petrol	106/144	AR32201	05/98 > 02/03	Manual	DSN579		12	1.4









		kW/HP							Power (kW)
ALFA ROMEO <i>continued</i>									
GTV 2.0 T.SPARK 16V (916.C2, 916C2C00)	Petrol	110/150	AR16201, AR32310	06/95 > 10/04	Manual	DSN579	ch.6001359->	12	1.4
GTV 2.0 T.SPARK 16V (916.C2, 916C2C00)	Petrol	110/150	AR16201, AR32310	08/00 > 05/02	Manual	DSN579		12	1.4
GTV 2.0 T.SPARK 16V (916C2C)	Petrol	114/155	AR32301	05/98 > 08/00	Manual	DSN579		12	1.4
Spider 1.8 16V (916S3)	Petrol	106/144	AR32201	05/98 > 02/03	Manual	DSN579		12	1.4
Spider 2.0 T.SPARK 16V (916S2B)	Petrol	114/155	AR32301	05/98 > 08/00	Manual	DSN579		12	1.4
Spider 2.0 T.SPARK 16V (916S2C00)	Petrol	110/150	AR16201, AR32310	06/95 > 04/05	Manual	DSN579	ch.6001359->	12	1.4
Spider 2.0 T.SPARK 16V (916S2C00)	Petrol	110/150	AR16201, AR32310	08/00 > 02/03	Manual	DSN579		12	1.4
AUTOBIANCHI									
A 112 0.9	Petrol	32/44	A112A200, A112A5000	10/69 > 12/72	Manual	DSN585		12	0.8
A 112 0.9 Junior	Petrol	31/42	A112A000, A112A200, A112A5000, A112B2000	07/75 > 08/85	Manual	DSN585		12	0.8
A 112 0.9 Junior	Petrol	31/42	A112A000, A112A5000, A112B2000	07/75 > 08/85	Manual	DSN585		12	0.8
A 112 0.9 Junior	Petrol	31/42	A112A000, A112A5000, A112B2000	07/75 > 08/85	Manual	DSN585	eng.->6763703	12	0.8
A 112 0.9 Junior	Petrol	31/42	A112A200, A112A5000, A112B2000	07/75 > 08/85	Manual	DSN585		12	0.8
A 112 1.0 Abarth	Petrol	51/70	A112A2000, A112AB2C0	03/75 > 12/84	Manual	DSN585		12	0.8
A 112 1.0 E,Elite,LX	Petrol	35/48	A112B1000	11/77 > 08/85	Manual	DSN585		12	0.8
BMW									
3 (E46) 3.0 330 d	Diesel	135/184	M 57 D 30	10/99 > 02/05		DSN587	Rotation: CW	12	2.2
3 (E46) 3.0 330 d	Diesel	150/204	M57N306D2	03/03 > 02/05		DSN587	Rotation: CW	12	2.2
3 (E46) 3.0 330 xd	Diesel	135/184	M 57 D 30	06/00 > 02/05		DSN587	Rotation: CW	12	2.2
3 (E46) 3.0 330 xd	Diesel	150/204	M57N306D2	03/03 > 02/05		DSN587	Rotation: CW	12	2.2
3 Compact (E46) 2.0 320 td	Diesel	110/150	M47N204D4	09/01 > 02/05		DSN504	Rotation: CW	12	1.8
3 Touring (E46) 3.0 330 d	Diesel	135/184	M 57 D 30	10/99 > 02/05		DSN587	Rotation: CW	12	2.2
3 Touring (E46) 3.0 330 xd	Diesel	135/184	M 57 D 30	06/00 > 02/05		DSN587	Rotation: CW	12	2.2
5 (E39) 3.0 530 d	Diesel	135/184	M 57 D 30	08/98 > 09/00		DSN587	Rotation: CW	12	2.2
5 (E39) 3.0 530 d	Diesel	142/193	M 57 D 30	09/00 > 06/03		DSN587	Rotation: CW	12	2.2
5 Touring (E39) 3.0 530 d	Diesel	135/184	M 57 D 30	08/98 > 09/00		DSN587	Rotation: CW	12	2.2
5 Touring (E39) 3.0 530 d	Diesel	142/193	M 57 D 30	09/00 > 05/04		DSN587	Rotation: CW	12	2.2
7 (E38) 3.0 730 d	Diesel	135/184	M 57 D 30	08/98 > 04/00	Automatic, 5-speed	DSN587	Rotation: CW	12	2.2
7 (E38) 3.0 730 d	Diesel	142/193	M57306D1	04/00 > 11/01	Automatic, 5-speed	DSN587	Rotation: CW	12	2.2
X5 (E53) 3.0 d	Diesel	135/184	M57306D1	05/01 >	Automatic, 5-speed	DSN587	Rotation: CW	12	2.2
FIAT									
127 0.9	Petrol	33/45	100GL000, 127GL000, 141A300	06/73 > 05/83		DSN585		12	0.8
127 0.9	Petrol	33/45	100GL000, 127GL000, 141A300	06/73 > 05/83		DSN585	eng.->6.761.372	12	0.8
500 1.2	Petrol	51/69	169A4000	10/07 >	Manual	DSN575		12	0.9
500 1.4	Petrol	74/100	169A3000	10/07 >	Manual	DSN575		12	0.9
Barchetta 1.8 16V (183)	Petrol	96/130	183A1000, 188A6000	04/95 > 04/04	Manual	DSN579		12	1.4
Barchetta 1.8 16V (183)	Petrol	96/130	183A1000, 188A6000	04/95 > 04/04	Manual	DSN579	ch.->32779	12	1.4
Barchetta 1.8 16V (183)	Petrol	96/130	183A1000, 188A6000	04/95 > 06/03	Manual	DSN579	ch.32780->	12	1.4
Barchetta 1.8 16V (183)	Petrol	96/130	183A1000, 188A6000	07/03 > 04/04	Manual	DSN579	eng.->055275	12	1.4
Brava 1.6 16V (182.BB)	Petrol	76/103	182A4000	02/96 > 10/01		DSN577		12	1.0
Brava 1.6 16V (182.BB)	Petrol	76/103	182A4000	02/96 > 10/01		DSN586		12	0.9
Brava 1.6 16V (182.BB)	Petrol	76/103	182A4000	02/96 > 10/01	Manual	DSN577	ch.4139412->	12	1.0
Brava 1.6 16V (182.BH)	Petrol	66/90	182A6000	10/95 > 10/01	Manual	DSN577		12	1.0
Brava 1.6 16V (182.BH)	Petrol	66/90	182A6000	10/95 > 10/01	Manual	DSN586		12	0.9
Brava 1.6 16V (182.BH)	Petrol	66/90	182A6000	10/95 > 10/01	Manual	DSN586	ch.->4139411	12	0.9
Brava 1.8 GT 16V (182.BC)	Petrol	83/113	182A2000	10/95 > 10/01	Manual	DSN577		12	1.0
Brava 1.8 GT 16V (182.BC)	Petrol	83/113	182A2000	10/95 > 10/01	Manual	DSN579		12	1.4

		KW/HP							Power (kW)
FIAT continued									
Brava 1.8 GT 16V (182.BC)	Petrol	83/113	182A2000	10/95 > 10/01	Manual	DSN586		12	0.9
Bravo 1.6 16V (182.AB)	Petrol	76/103	182A4000	03/96 > 10/01		DSN577		12	1.0
Bravo 1.6 16V (182.AB)	Petrol	76/103	182A4000	03/96 > 10/01		DSN586		12	0.9
Bravo 1.6 16V (182.AB)	Petrol	76/103	182A4000	03/96 > 10/01		DSN586	ch.->4139411	12	0.9
Bravo 1.6 16V (182.AB)	Petrol	76/103	182A4000	03/96 > 10/01		DSN586	ch.->6014961	12	0.9
Bravo 1.6 16V (182.AB)	Petrol	76/103	182A4000	03/96 > 10/01		DSN586	ch.4139411->	12	0.9
Bravo 1.6 16V (182.AH)	Petrol	66/90	182A6000	10/95 > 10/01	Manual	DSN577		12	1.0
Bravo 1.6 16V (182.AH)	Petrol	66/90	182A6000	10/95 > 10/01	Manual	DSN586		12	0.9
Bravo 1.8 GT (182.AC)	Petrol	83/113	182A2000	11/96 > 10/01	Manual	DSN577		12	1.0
Bravo 1.8 GT (182.AC)	Petrol	83/113	182A2000	11/96 > 10/01	Manual	DSN579		12	1.4
Bravo 1.8 GT (182.AC)	Petrol	83/113	182A2000	11/96 > 10/01	Manual	DSN586		12	0.9
Bravo 2.0 HGT 20V (182.AD)	Petrol	108/147	182A1000	11/96 > 07/98	Manual	DSN579		12	1.4
Bravo 2.0 HGT 20V (182.AQ)	Petrol	113/154	182A1000, 182B7000	07/98 > 08/00	Manual	DSN579		12	1.4
Bravo 2.0 HGT 20V (182.AQ)	Petrol	113/154	182B7000	07/98 > 08/00	Manual	DSN579	ch.->5053877	12	1.4
Bravo 2.0 HGT 20V (182.AQ)	Petrol	113/154	182B7000	07/98 > 10/01	Manual	DSN579	ch.5053878->	12	1.4
Cinquecento 0.9 (170AB)	Petrol	30/41	170A1000, 170A1046	07/91 > 12/93	Manual	DSN585		12	0.8
Cinquecento 0.9 (170AB)	Petrol	30/41	170A1046	07/91 > 12/93	Manual	DSN585		12	0.8
Cinquecento 0.9 i.e. (170AC)	Petrol	30/41	170A1000, 170A1046	07/91 > 12/93	Manual	DSN585		12	0.8
Cinquecento 0.9 i.e. (170AC)	Petrol	30/41	170A1046	07/91 > 12/93	Manual	DSN585		12	0.8
Cinquecento 0.9 i.e. S (170AF, 170CF)	Petrol	29/40	1170A1000, 1170A104, 1170A1046	07/91 > 07/98	Manual	DSN585		12	0.8
Coupe 1.8 16V (FA/175)	Petrol	96/131	182B3000, 183A1000	03/96 > 08/00	Manual	DSN579		12	1.4
Coupe 2.0 20V (FA/175)	Petrol	108/147	182A1000	08/96 > 04/98	Manual	DSN579		12	1.4
Coupe 2.0 20V (FA/175)	Petrol	113/154	182B3000, 182B7000	10/98 > 08/00	Manual	DSN579		12	1.4
Coupe 2.0 20V Turbo (FA/175)	Petrol	162/220	175A3000	08/96 > 08/00	Manual	DSN579		12	1.4
Doblo 1.2 (223AXA1A)	Petrol	48/65	223A5000	03/01 > 12/05	Manual	DSN575		12	0.9
Doblo 1.9 D (223AXB1A)	Diesel	46/63	223A6000	03/01 > 12/05	Manual	DSN581		12	1.8
Doblo Cargo 1.2 (223ZX1A)	Petrol	48/65	223A5000	01/04 > 12/05	Manual	DSN575	For dusty conditions	12	0.9
Doblo Cargo 1.2 (223ZX1A)	Petrol	48/65	223A5000	03/01 > 12/03	Manual	DSN575		12	0.9
Doblo Cargo 1.9 D (223ZXB1A)	Diesel	46/63	223A6000	01/04 > 12/05	Manual	DSN581		12	1.8
Ducato Box 2.5 TDI Maxi (230L)	Diesel	85/116	814047	03/94 > 08/98		DSN502	Rotation:CW	12	2.6
Ducato Box 2.8 TDI (230L)	Diesel	90/122	814043	05/98 > 09/01		DSN502	Rotation:CW	12	2.6
Ducato Bus 2.8 TDI (230)	Diesel	90/122	814043	05/98 > 09/01		DSN502	Rotation:CW	12	2.6
Ducato Bus 2.8 TDI 4x4 (230)	Diesel	90/122	814043	07/99 > 04/02		DSN502	Rotation:CW	12	2.6
Elba 1.6 (146)	Petrol	69/94	146C7098, 146D6000	01/94 > 12/96	Manual	DSN586		12	0.9
Fiorino 0.9 900 (127)	Petrol	33/45	100GL000, 127GL000	10/77 > 12/84	Manual	DSN585		12	0.8
Fiorino Box 1.4 70 i.e. (146 Uno)	Petrol	49/67	146C5000, 146D5000	05/94 > 09/00	Manual	DSN586		12	0.9
Fiorino Box 1.6 75 i.e. (146 Uno)	Petrol	55/75	146C6000, 146D6000	10/93 > 09/00	Manual	DSN586		12	0.9
Fiorino Pickup 1.4 (146)	Petrol	49/67	146C5000, 146D5000	05/94 > 09/00	Manual	DSN586		12	0.9
Fiorino Pickup 1.6 (146)	Petrol	55/75	146C6000, 146D6000	01/94 > 09/00	Manual	DSN586		12	0.9
Grande Punto 1.2 (199)	Petrol	48/65	199A4000	10/05 >	Manual	DSN575		12	0.9
Idea 1.2 16V	Petrol	59/80	(E4), 188A5000	02/04 > 06/07	Manual	DSN576		12	0.9
Idea 1.2 16V	Petrol	59/80	(E4), 188A5000	06/07 >	Manual	DSN576		12	0.9
Marea 1.6 100 16V (185)	Petrol	76/103	182A4000	09/96 > 08/00		DSN577		12	1.0
Marea 1.6 100 16V (185)	Petrol	76/103	182A4000	09/96 > 08/00	Manual	DSN586		12	0.9
Marea 1.6 100 16V (185)	Petrol	76/103	182A4000, 185A3000	09/96 > 08/00	Manual	DSN577		12	1.0
Marea 1.8 115 16V (185)	Petrol	83/113	182A2000	09/96 > 08/00	Manual	DSN577		12	1.0
Marea 1.8 115 16V (185)	Petrol	83/113	182A2000	09/96 > 08/00	Manual	DSN579		12	1.4
Marea 1.8 115 16V (185)	Petrol	83/113	182A2000	09/96 > 08/00	Manual	DSN579	ch.->0045821	12	1.4
Marea 1.8 115 16V (185)	Petrol	83/113	182A2000	09/96 > 08/00	Manual	DSN579	ch.->0107077	12	1.4
Marea 1.8 115 16V (185)	Petrol	83/113	182A2000	09/96 > 08/00	Manual	DSN579	ch.0045822->	12	1.4
Marea 1.8 115 16V (185)	Petrol	83/113	182A2000	09/96 > 08/00	Manual	DSN579	ch.0107078->	12	1.4
Marea 2.0 150 20V (185)	Petrol	108/147	182A1000	09/96 > 04/99	Manual	DSN579	ch.->0045821	12	1.4
Marea 2.0 150 20V (185)	Petrol	108/147	182A1000	09/96 > 04/99	Manual	DSN579	ch.->0107077	12	1.4
Marea 2.0 150 20V (185)	Petrol	108/147	182A1000	09/96 > 04/99	Manual	DSN579	ch.0045822->	12	1.4
Marea 2.0 150 20V (185)	Petrol	108/147	182A1000	09/96 > 04/99	Manual	DSN579	ch.0107078->	12	1.4
Marea 2.0 150 20V (185)	Petrol	110/150	185A8000	01/01 > 06/06	Manual	DSN579		12	1.4
Marea 2.0 155 20V (185)	Petrol	113/154	182B7000	04/99 > 08/00	Manual	DSN579		12	1.4
Marea Weekend 1.6 100 16V (185)	Petrol	76/103	182A4000	09/96 > 08/00		DSN577		12	1.0
Marea Weekend 1.6 100 16V (185)	Petrol	76/103	182A4000	09/96 > 08/00	Manual	DSN586		12	0.9
Marea Weekend 1.8 115 16V (185)	Petrol	83/113	182A2000	09/96 > 08/00	Manual	DSN577		12	1.0
Marea Weekend 1.8 115 16V (185)	Petrol	83/113	182A2000	09/96 > 08/00	Manual	DSN579		12	1.4
Marea Weekend 1.8 115 16V (185)	Petrol	83/113	182A2000	09/96 > 08/00	Manual	DSN579	ch.->0045821	12	1.4
Marea Weekend 1.8 115 16V (185)	Petrol	83/113	182A2000	09/96 > 08/00	Manual	DSN579	ch.->0107077	12	1.4
Marea Weekend 1.8 115 16V (185)	Petrol	83/113	182A2000	09/96 > 08/00	Manual	DSN579	ch.0045822->	12	1.4
Marea Weekend 1.8 115 16V (185)	Petrol	83/113	182A2000	09/96 > 08/00	Manual	DSN579	ch.0107078->	12	1.4
Marea Weekend 2.0 150 20V (185)	Petrol	108/147	182A1000	09/96 > 04/99	Manual	DSN579	ch.->0045821	12	1.4

		kW/HP							Power (kW)
FIAT continued									
Marea Weekend 2.0 150 20V (185)	Petrol	108/147	182A1000	09/96 > 04/99	Manual	DSN579	ch.->0107077	12	1.4
Marea Weekend 2.0 150 20V (185)	Petrol	108/147	182A1000	09/96 > 04/99	Manual	DSN579	ch.0045822->	12	1.4
Marea Weekend 2.0 150 20V (185)	Petrol	108/147	182A1000	09/96 > 04/99	Manual	DSN579	ch.0107078->	12	1.4
Marea Weekend 2.0 150 20V (185)	Petrol	110/150	185A8000	01/01 > 08/02	Manual	DSN579		12	1.4
Marea Weekend 2.4 JTD 130 (185)	Diesel	96/130	182B7000, 185A6000	04/99 > 08/00	Manual	DSN579		12	1.4
Palio 1.2 (178BX)	Petrol	59/80	(E2), 188A5000	09/01 >	Manual	DSN577		12	1.0
Palio 1.6 16V (178BX)	Petrol	74/100	178B3000	04/96 > 02/01	Manual	DSN577		12	1.0
Palio 1.6 16V (178BX)	Petrol	74/100	178B3000	04/96 > 10/02	Manual	DSN577		12	1.0
Palio Weekend 1.2 (178DYA1A)	Petrol	44/60	178C4066, 188A4000	03/01 > 10/04	Manual	DSN577		12	1.0
Palio Weekend 1.6 16V (178DX.D1A)	Petrol	74/100	178B3000	07/97 > 02/01	Manual	DSN577		12	1.0
Palio Weekend 1.6 16V (178DX.D1A)	Petrol	74/100	178B3000	07/97 > 02/01	Manual	DSN586	ch.->0574997	12	0.9
Panda 0.8 750 (141AA)	Petrol	25/34	141B000, 156A4000, 156A4048	01/86 > 01/95	Manual	DSN585		12	0.8
Panda 0.8 750 (141AM) CAT	Petrol	25/34	141B000, 156A4000, 156A4048	01/95 > 12/97	Manual	DSN585		12	0.8
Panda 0.8 800 (141A)	Petrol	25/34	100GL6000, 141AG00	02/81 > 12/85	Manual	DSN585		12	0.8
Panda 0.9 900 (141A)	Petrol	29/40	1170A104, 1170A1046	04/92 > 12/96	Manual	DSN585		12	0.8
Panda 0.9 900 (141A)	Petrol	33/45	100GL3000, 141A300, 146A048	10/80 > 06/94	Manual	DSN585		12	0.8
Panda 1.0 1000 (141A)	Petrol	37/50	146A048, 176A2000	05/86 > 04/91	Manual	DSN585		12	0.8
Panda 1.0 950 4x4 (141A)	Petrol	35/48	112A054, A112B1054	10/84 > 09/85	Manual	DSN585		12	0.8
Panda 1.1 (169)	Petrol	40/54	187A1000	09/03 >	Manual	DSN575	- A/C	12	0.9
Panda 1.1 (169)	Petrol	40/54	187A1000	09/03 >	Manual	DSN576	+ A/C	12	0.9
Panda 1.2 (169)	Petrol	44/60	(GNV), 188A4000	06/07 >	Manual	DSN576		12	0.9
Panda 1.2 (169)	Petrol	44/60	188A4000	09/03 >	Manual	DSN576		12	0.9
Panda 1.2 4x4 (169)	Petrol	44/60	188A4000	10/04 >	Manual	DSN576		12	0.9
Panda 1.2 Bi-Power / Natural Power (169)	Bi-Fuel	44/60	(GNV), 188A4000	06/07 >	Manual	DSN576		12	0.9
Panda 1.2 Bi-Power / Natural Power (169)	Bi-Fuel	44/60	188A4000	01/07 >	Manual	DSN576		12	0.9
Panda Van 0.8 750 (141)	Petrol	25/34	141B000, 156A4000, 156A4048	10/88 > 07/92	Manual	DSN585		12	0.8
Panda Van 1.2 (169)	Petrol	44/60	188A4000	09/04 >	Manual	DSN576		12	0.9
Punto 1.1 55 (176)	Petrol	40/54	176A6000, 176B2000	09/93 > 09/99	Manual	DSN586		12	0.9
Punto 1.4 GT Turbo (176)	Petrol	96/131	176A4000(136DIN), 176B6000	09/96 > 09/99	Manual	DSN586		12	0.9
Punto 1.4 GT Turbo (176)	Petrol	98/133	176A4000, 176A6000	01/94 > 09/96	Manual	DSN586		12	0.9
Punto 1.8 130 HGT (188.738, .718)	Petrol	96/130	183A1000, 188A6000	09/99 > 06/03	Manual	DSN579		12	1.4
Punto 1.9 DS 60 (188.031, .051, .231, .251)	Diesel	44/60	188A3000	09/99 > 06/03	Manual	DSN581		12	1.8
Punto Van 1.9 D 60 (188AX)	Diesel	44/60	188A3000	09/00 > 06/03	Manual	DSN581		12	1.8
Scudo Box 1.6 (220L)	Petrol	58/79	220A2000	02/96 > 12/03	Manual	DSN586		12	0.9
Scudo Combinato 1.6 (220P)	Petrol	58/79	220A2000	02/96 > 12/03	Manual	DSN586		12	0.9
Seicento 0.9 (187AXA, 187AXA1A)	Petrol	29/39	1170A104, 1170A1046	01/98 > 02/00		DSN585		12	0.8
Seicento 0.9 (187AXA, 187AXA1A)	Petrol	29/39	1170A1046, F	01/98 > 02/00		DSN585		12	0.8
Seicento 1.1 (187AXB, 187AXB1A)	Petrol	40/54	176B2000, 187A1000	09/00 >	Manual	DSN575		12	0.9
Seicento Van 0.9 (187AXA)	Petrol	29/39	1170A1046, F	06/98 > 02/00		DSN585		12	0.8
Seicento Van 0.9 (187AXA)	Petrol	29/39	1170A1046, F	06/98 > 08/00		DSN585		12	0.8
Siena 1.4 (178)	Petrol	51/69	178B2000	07/97 > 10/03	Manual	DSN577	ch.->3038861	12	1.0
Siena 1.4 (178)	Petrol	51/69	178B2000	07/97 > 10/03	Manual	DSN586	ch.->3038861	12	0.9
Siena 1.4 (178)	Petrol	51/69	178B2000	07/97 > 12/01	Manual	DSN577		12	1.0
Siena 1.4 (178)	Petrol	51/69	178B2000, 178B2016	07/97 > 10/03	Manual	DSN577		12	1.0
Siena 1.4 (178)	Petrol	51/69	178B2000, 178B2016	07/97 > 10/03	Manual	DSN586		12	0.9
Siena 1.4 (178)	Petrol	51/69	178B2000, 178B2016	07/97 > 12/01	Manual	DSN577		12	1.0
Siena 1.4 (178)	Petrol	51/69	178B2000, 178B2016	07/97 > 12/01	Manual	DSN586		12	0.9
Siena 1.4 CAT (178)	Petrol	51/69	178B2000	07/97 > 10/03	Manual	DSN577	ch.->3038861	12	1.0
Siena 1.4 CAT (178)	Petrol	51/69	178B2000	07/97 > 10/03	Manual	DSN586	ch.->3038861	12	0.9
Siena 1.4 CAT (178)	Petrol	51/69	178B2000	07/97 > 12/01	Manual	DSN577		12	1.0
Siena 1.4 CAT (178)	Petrol	51/69	178B2000, 178B2016	07/97 > 10/03	Manual	DSN577		12	1.0
Siena 1.4 CAT (178)	Petrol	51/69	178B2000, 178B2016	07/97 > 10/03	Manual	DSN586		12	0.9
Siena 1.4 CAT (178)	Petrol	51/69	178B2000, 178B2016	07/97 > 12/01	Manual	DSN577		12	1.0
Siena 1.4 CAT (178)	Petrol	51/69	178B2000, 178B2016	07/97 > 12/01	Manual	DSN586		12	0.9
Siena 1.6 (178)	Petrol	76/103	(103), 182B6000	01/02 >	Manual	DSN577		12	1.0
Siena 1.6 16V (178)	Petrol	78/106	178B3000	09/98 > 12/01	Manual	DSN577		12	1.0
Stilo 1.4 16V (192)	Petrol	66/90	192B2000	03/05 >	Manual	DSN579		12	1.4
Stilo 1.8 16V (192XC1A)	Petrol	98/133	192A4000	10/01 >	Manual	DSN579		12	1.4
Stilo 1.8 16V (192XC1A)	Petrol	98/133	192A4000	10/01 > 03/02	Manual	DSN579	ch.->128482	12	1.4

		KW/HP							Power (kW)
FIAT continued									
Stilo 2.4 20V (192XD1A)	Petrol	125/170	192A2000	10/01 >	Manual	DSN579		12	1.4
Stilo Multi Wagon 1.4 16V (192)	Petrol	66/90	192B2000	03/05 >	Manual	DSN579		12	1.4
Stilo Multi Wagon 1.8 16V (192)	Petrol	98/133	192A4000	01/03 >	Manual	DSN579		12	1.4
Strada 1.9 D (178E)	Diesel	46/63	223A6000	12/00 > 01/06	Manual	DSN581		12	1.8
Tempra 1.4 i.e. (159.AC, 159.AX)	Petrol	51/69	159A2000, 160A1046, 836A4000	03/92 > 08/96	Manual	DSN577		12	1.0
Tempra 1.4 i.e. (159.AC, 159.AX)	Petrol	51/69	159A2000, 160A1046, 836A4000	03/92 > 08/96	Manual	DSN586		12	0.9
Tempra 1.6 (159)	Petrol	63/86	159A3000, 159A3048, 159A9000	03/90 > 04/93		DSN586		12	0.9
Tempra 1.6 (159)	Petrol	63/86	159A3000, 159A9000	03/90 > 04/93	Manual	DSN586		12	0.9
Tempra 1.6 i.e. (159.AE)	Petrol	57/78	159A3046, 159A3048, 835C1000	06/90 > 07/92		DSN586		12	0.9
Tempra 1.6 i.e. (159.AJ)	Petrol	63/87	159A3000, 159A3048, 159A9000	06/94 > 08/96		DSN586		12	0.9
Tempra 1.6 i.e. (159.AJ)	Petrol	63/87	159A3000, 159A9000	06/94 > 08/96	Manual	DSN586		12	0.9
Tempra 1.6 i.e. (159.AJ)	Petrol	66/90	159B9000	06/94 > 08/96	Manual	DSN586		12	0.9
Tempra 1.6 i.e. (159.AS, 159.AT)	Petrol	55/75	159A3046, 159A3048, 835C1000	06/92 > 08/96		DSN586		12	0.9
Tempra 1.8 i.e. (159.AN)	Petrol	77/105	159A4046, 835C2000	03/92 > 08/96	Manual	DSN577		12	1.0
Tempra 1.8 i.e. (159.AV)	Petrol	76/103	835C2000	09/93 > 08/96	Manual	DSN577		12	1.0
Tempra 1.8 i.e. (159.AZ)	Petrol	66/90	835C4000	09/93 > 08/96	Manual	DSN577		12	1.0
Tempra 1.8 i.e. (159.BY)	Petrol	74/101	836A5000	10/94 > 08/96	Manual	DSN577		12	1.0
Tempra 2.0 i.e. (159.AP)	Petrol	83/113	159A6046	10/90 > 06/93		DSN577		12	1.0
Tempra 2.0 i.e. (159.AP)	Petrol	83/113	159A6046	10/90 > 06/93	Manual	DSN579	ch.->7234930	12	1.4
Tempra SW 1.4 i.e. (159.AC)	Petrol	57/78	159A2000, 160A1046	03/91 > 06/93	Manual	DSN586		12	0.9
Tempra SW 1.4 i.e. (159.AC, 159.AX)	Petrol	51/69	160A1046, 836A4000	07/93 > 08/96	Manual	DSN586		12	0.9
Tempra SW 1.6 (159)	Petrol	63/86	159A3000	12/90 > 04/93	Manual	DSN586		12	0.9
Tempra SW 1.6 (159)	Petrol	63/86	159A3000, 159A3048	12/90 > 04/93	Manual	DSN586		12	0.9
Tempra SW 1.6 i.e. (159.AE)	Petrol	57/78	159A3046, 159A3048, 835C1000	04/91 > 08/96		DSN586		12	0.9
Tempra SW 1.6 i.e. (159.AJ)	Petrol	66/90	159B9000	06/94 > 08/96	Manual	DSN586		12	0.9
Tempra SW 1.8 i.e. (159.AN)	Petrol	77/105	159A4046, 835C2000	03/92 > 12/93	Manual	DSN577		12	1.0
Tempra SW 1.8 i.e. (159.AN)	Petrol	77/105	159A4046, 835C2000	03/92 > 12/93	Manual	DSN579	ch.->7234930	12	1.4
Tempra SW 1.8 i.e. (159.AN)	Petrol	81/110	159A4000, 159A4046	03/90 > 08/96	Manual	DSN577		12	1.0
Tempra SW 1.8 i.e. (159.AN)	Petrol	81/110	159A4000, 159A4046	03/90 > 08/96	Manual	DSN579	ch.->7234930	12	1.4
Tempra SW 1.8 i.e. (159.AV)	Petrol	76/103	159A4046, 835C2000	09/93 > 08/96	Manual	DSN577		12	1.0
Tempra SW 1.8 i.e. (159.AV)	Petrol	76/103	159A4046, 835C2000	09/93 > 08/96	Manual	DSN579	ch.->7234930	12	1.4
Tempra SW 1.8 i.e. (159.AZ)	Petrol	66/90	835C2000, 835C4000, 836A5000	09/93 > 08/96	Manual	DSN577		12	1.0
Tempra SW 1.8 i.e. (159.AZ)	Petrol	66/90	835C4000, 836A5000	09/93 > 08/96	Manual	DSN577		12	1.0
Tempra SW 1.8 i.e. (159.BY)	Petrol	74/101	836A5000	10/94 > 08/96	Manual	DSN577		12	1.0
Tempra SW 2.0 i.e. (159.AP)	Petrol	83/113	159A6046	01/91 > 06/93	Manual	DSN577	ch.7234931->	12	1.0
Tempra SW 2.0 i.e. (159.AP)	Petrol	83/113	159A6046	01/91 > 06/93	Manual	DSN579	ch.->7234930	12	1.4
Tempra SW 2.0 i.e. 4x4 (159.AP)	Petrol	83/113	159A6046	07/92 > 03/95	Manual	DSN577		12	1.0
Tempra SW 2.0 i.e. 4x4 (159.AP)	Petrol	83/113	159A6046	07/92 > 03/95	Manual	DSN579	ch.->7234930	12	1.4
Uno 0.9 45 (146A/E)	Petrol	33/45	146A000, 146A048	04/84 > 12/88	Manual	DSN585		12	0.8
Uno 1.0 45 i.e. (146A/E)	Petrol	33/45	146A048, 156A2000, 156A2044	10/84 > 12/88	Manual	DSN585		12	0.8
Uno 1.5 75 i.e. (146A/E)	Petrol	55/75	138C2000, 138C2048, 149C1000	10/85 > 12/88		DSN586		12	0.9
FSO									
127P 0.9	Petrol	33/45	127GL000, 146A300	04/71 > 10/76		DSN585		12	0.8
127P 0.9	Petrol	33/45	127GL000, 146A300	04/71 > 10/76		DSN585	eng.->6.761.372	12	0.8
INNOCENTI									
Koral 0.9 45	Petrol	33/45	100GL064, 146A048	01/90 > 12/92	Manual	DSN585		12	0.8
LANCIA									
Dedra 1.6 16V (835EI)	Petrol	76/103	182A4000	02/97 > 07/99	Manual	DSN586		12	0.9
Dedra 1.6 i.e. (835AA)	Petrol	66/90	159B9000, 835A1000	08/89 > 06/94	Manual	DSN586		12	0.9
Dedra 1.6 i.e. (835AB)	Petrol	57/78	835A1046	08/89 > 03/93	Manual	DSN586		12	0.9
Dedra 1.6 i.e. (835AN)	Petrol	55/75	835C1000	04/93 > 07/99	Manual	DSN586		12	0.9
Dedra 1.6 LE (835EB) CAT	Petrol	66/90	159B9000, 835A1000	07/94 > 08/97	Manual	DSN586		12	0.9
Dedra 1.8 16V LE (835FG)	Petrol	83/113	182A2000	03/96 > 10/98	Manual	DSN579		12	1.4
Dedra 1.8 16V LE (835FG)	Petrol	83/113	182A2000	03/96 > 10/98	Manual	DSN586		12	0.9
Dedra 1.8 GT 16V (835EH)	Petrol	96/131	183A1000	03/96 > 07/99	Manual	DSN579	ch.4.109.548->	12	1.4
Dedra 1.9 TDS (835EE, 835EF)	Diesel	66/90	160D1000, 835A4000	09/89 > 07/99	Manual	DSN586		12	0.9
Dedra SW 1.6 (835EB)	Petrol	66/90	159B9000	10/94 > 08/97	Manual	DSN586		12	0.9
Dedra SW 1.6 16V (835EI)	Petrol	76/103	182A4000	02/97 > 07/99	Manual	DSN586		12	0.9
Dedra SW 1.8 16V LE (835FG)	Petrol	83/113	182A2000	03/96 > 04/97	Manual	DSN579		12	1.4

									
LANCIA continued									
Dedra SW 1.8 16V LE (835FG)	Petrol	83/113	182A2000	03/96 > 04/97	Manual	DSN586		12	0.9
Dedra SW 1.8 GT 16V (835EH)	Petrol	96/131	183A1000	03/96 > 07/99	Manual	DSN579		12	1.4
Delta II 1.4 i.e. (836AF, 836AH)	Petrol	51/69	160A1046, 836A4000	10/94 > 08/99	Manual	DSN586		12	0.9
Delta II 1.6 i.e. (836AD)	Petrol	55/75	835C1000	11/93 > 08/96	Manual	DSN586		12	0.9
Delta II 1.6 i.e. (836AP)	Petrol	66/90	182A6000	03/96 > 08/99	Manual	DSN577		12	1.0
Delta II 1.6 i.e. (836AP)	Petrol	66/90	182A6000	03/96 > 08/99	Manual	DSN586		12	0.9
Delta II 1.6 i.e. 16V (836AO)	Petrol	76/103	182A4000	01/96 > 08/99	Manual	DSN577		12	1.0
Delta II 1.6 i.e. 16V (836AO)	Petrol	76/103	182A4000	01/96 > 08/99	Manual	DSN579		12	1.4
Delta II 1.8 i.e. 16V (836AQ)	Petrol	83/113	182A2000	03/96 > 04/98	Manual	DSN577		12	1.0
Delta II 1.8 i.e. 16V (836AQ)	Petrol	83/113	182A2000	03/96 > 04/98	Manual	DSN586		12	0.9
Delta II 1.8 i.e. 16V GT (836AR)	Petrol	96/131	183A1000	03/96 > 08/99	Manual	DSN579		12	1.4
Kappa 2.0 20V (838AA1AA)	Petrol	107/146	838A1000	10/94 > 10/01	Automatic	DSN579		12	1.4
Kappa 2.0 20V (838AA1AA)	Petrol	107/146	838A1000	10/94 > 10/01	Manual	DSN579		12	1.4
Kappa 2.0 20V (838AG1AA, 838AG11A)	Petrol	114/155	838A6000	07/96 > 10/01		DSN579	ch.->2076793	12	1.4
Kappa 2.0 20V (838AG1AA, 838AG11A)	Petrol	114/155	838A6000	07/96 > 10/01		DSN579	ch.2076794->	12	1.4
Kappa 2.0 20V (838AG1AA, 838AG11A)	Petrol	114/155	838A6000	07/96 > 10/01		DSN579	ch.2076795->	12	1.4
Kappa 2.0 20V Turbo (838AM1AA)	Petrol	162/220	175A3000	06/98 > 10/01	Manual	DSN579		12	1.4
Kappa 2.4 20V (838AC1AA, 838AC11A)	Petrol	129/175	838A2000, 838A2027, 838B2000, 838B2027	08/94 > 10/01	Manual	DSN579		12	1.4
Kappa 2.4 20V (838AC1AA, 838AC11A)	Petrol	129/175	838A2000, 838A2027, 838B2000, 838B2027	08/94 > 10/01	Manual	DSN579	ch.->2076793	12	1.4
Kappa 2.4 20V (838AC1AA, 838AC11A)	Petrol	129/175	838A2000, 838A2027, 838B2000, 838B2027	08/94 > 10/01	Manual	DSN579	ch.2076794->	12	1.4
Kappa 2.4 20V (838AC1AA, 838AC11A)	Petrol	129/175	838A2000, 838A2027, 838B2000, 838B2027	08/94 > 10/01	Manual	DSN579	ch.2076795->	12	1.4
Kappa Coupe 2.0 20V (838)	Petrol	114/155	175A3000	03/98 > 10/00	Manual	DSN579		12	1.4
Kappa Coupe 2.0 20V Turbo (838CM)	Petrol	162/220	175A3000	06/98 > 10/00	Manual	DSN579		12	1.4
Kappa Coupe 2.4 20V (838CC)	Petrol	129/175	838A2000, 838B2000	11/96 > 03/01	Manual	DSN579		12	1.4
Kappa Coupe 2.4 20V (838CC)	Petrol	129/175	838A2000, 838B2000	11/96 > 10/00	Manual	DSN579		12	1.4
Kappa SW 2.0 20V (838BG1AA)	Petrol	114/155	838A6000	07/96 > 10/01	Manual	DSN579	ch.->2076793	12	1.4
Kappa SW 2.0 20V (838BG1AA)	Petrol	114/155	838A6000	07/96 > 10/01	Manual	DSN579	ch.2076794->	12	1.4
Kappa SW 2.0 20V Turbo (838BM1AA)	Petrol	162/220	175A3000	06/98 > 10/01	Manual	DSN579		12	1.4
Kappa SW 2.4 20V (838BC1AA, 838BC11A)	Petrol	129/175	838A2000, 838B2000, 838B2027	07/96 > 10/01	Manual, 5-speed	DSN579		12	1.4
Lybra 1.8 16V (839AXB1A, 839AXG1A)	Petrol	96/131	839A4000, 839A7000, 839A9000	07/99 > 12/06	Manual	DSN579		12	1.4
Lybra 2.0 20V (839AXC11, 839AXC1A)	Petrol	113/154	182B7000	07/99 > 09/00		DSN579		12	1.4
Lybra 2.0 20V (839AXH1A)	Petrol	110/150	185A8000	09/00 > 07/02	Manual	DSN579		12	1.4
Lybra SW 1.8 16V (839BXB1A, 839BXG1A)	Petrol	96/131	839A4000, 839A7000, 839A9000	07/99 > 12/06	Manual	DSN579		12	1.4
Lybra SW 2.0 20V (839BXC11, 839BXC1A)	Petrol	113/154	182B7000	07/99 > 09/00		DSN579		12	1.4
Lybra SW 2.0 20V (839BXH1A)	Petrol	110/150	185A8000	09/00 > 07/02	Manual	DSN579		12	1.4
Thesis 2.0 Turbo (841AXA1B03)	Petrol	136/185	841E000	09/02 > 06/09	Manual	DSN579		12	1.4
Thesis 2.4 (841AXB1B00)	Petrol	125/170	841D000	09/02 > 08/06	Manual, 6-speed	DSN579		12	1.4
Ypsilon 1.2	Petrol	44/60	188A4000	10/03 >	Manual	DSN576		12	0.9
Ypsilon 1.2	Petrol	59/80	188A5000	10/03 > 06/06	Manual	DSN576		12	0.9
SEAT									
Fura 0.9 (025A)	Petrol	29/40	100GL, 903	03/84 > 12/86	Manual	DSN585		12	0.8
Fura 0.9 (025A)	Petrol	31/43	100GL, 903	01/82 > 06/86	Manual	DSN585		12	0.8
Ibiza I 0.9 (021A)	Petrol	29/40	146A000, 903	08/90 > 06/91		DSN585		12	0.8
Ibiza I 0.9 (021A)	Petrol	32/44	100GL000, 903A	08/86 > 01/93	Manual	DSN585		12	0.8
Ibiza I 1.2 (021A)	Petrol	44/60	021A1000, 1200A, 1200E	11/84 > 12/93		DSN585		12	0.8
Ibiza I 1.2 (021A)	Petrol	47/64	021A1000	11/84 > 12/93		DSN585		12	0.8
Ibiza I 1.2 i (021A)	Petrol	52/71	021C1000, 1200I	01/89 > 05/93		DSN585		12	0.8
Ibiza I 1.5 (021A)	Petrol	63/85	021A2000, 1500E	11/84 > 05/93		DSN585		12	0.8
Ibiza I 1.5 i (021A)	Petrol	74/100	021A2000, 1500I	10/86 > 01/93		DSN585		12	0.8
Ibiza I 1.5 i CAT (021A)	Petrol	66/90	021C2000	10/86 > 05/93		DSN585		12	0.8
Malaga 1.2 (023A)	Petrol	44/60	021A1000, 1200A	10/87 > 07/92		DSN585		12	0.8
Malaga 1.5 (023A)	Petrol	63/85	021A, 021A2000, 1500A	01/87 > 07/92		DSN585		12	0.8
Malaga 1.5 (023A)	Petrol	63/85	021A2000, 1500	05/85 > 04/89		DSN585		12	0.8

		KW/HP							Power (kW)
SEAT continued									
Malaga 1.5 i (023A)	Petrol	74/100	021A, 1500I	10/87 > 07/92		DSN585		12	0.8
Malaga 1.5 i CAT (023A)	Petrol	66/90	021A2000, 1500	10/86 > 04/89		DSN585		12	0.8
Marbella 0.8 (28)	Petrol	25/34	08NCA, 850	08/86 > 12/93	Manual	DSN585		12	0.8
Marbella 0.9 (28)	Petrol	29/40	09NCA, 903, 903E	01/87 > 12/93	Manual	DSN585		12	0.8
Marbella 0.9 (28)	Petrol	29/40	09NCB, 903, 903E	01/87 > 12/93	Manual	DSN585		12	0.8
Marbella 0.9 CAT (28)	Petrol	29/40	09NCA, 903, 903E	01/90 > 11/96	Manual	DSN585		12	0.8
Marbella 0.9 CAT (28)	Petrol	29/40	09NCB, 903, 903E	01/90 > 11/96	Manual	DSN585		12	0.8
Marbella 0.9 CAT (28)	Petrol	30/41	08NCB, 1170A	11/96 > 10/98	Manual	DSN585		12	0.8
Marbella Box 0.8 (028A)	Petrol	25/34	08NCA, 850	01/87 > 12/93	Manual	DSN585		12	0.8
Marbella Box 0.9 (028A)	Petrol	29/40	09NCA, 903	01/87 > 12/93	Manual	DSN585		12	0.8
Marbella Box 0.9 CAT (028A)	Petrol	29/40	09NCA, 903	01/87 > 12/93	Manual	DSN585		12	0.8
Panda 0.9 (141A)	Petrol	31/42	100GL, 903A	10/80 > 12/86		DSN585		12	0.8
Ronda 1.2 (022A)	Petrol	44/60	021A1000, 12A, SEAT4	10/84 > 12/86		DSN585		12	0.8
Ronda 1.2 (022A)	Petrol	44/60	12A, SEAT4, SEAT5	10/84 > 12/86		DSN585		12	0.8
Ronda 1.2 (022A)	Petrol	47/64	021A1000, 12A, SEAT4	08/83 > 05/85		DSN585		12	0.8
Ronda 1.2 (022A)	Petrol	47/64	12A, SEAT4, SEAT5	08/83 > 05/85		DSN585		12	0.8
Ronda 1.5 (022A)	Petrol	63/85	021A2000, 15A	09/84 > 12/86		DSN585		12	0.8
Ronda 1.6 (022A)	Petrol	68/92	132BBOAO, 16A	08/83 > 09/85		DSN585		12	0.8
Ronda 1.7 Diesel (022A)	Diesel	40/54	022A5000, 17R, SEAT10	06/82 > 12/86		DSN585		12	0.8
Ronda 1.7 Diesel (022A)	Diesel	41/56	022A5000, 17R, SEAT10	06/83 > 12/86		DSN585		12	0.8
Terra 0.9 CAT (24)	Petrol	29/40	09NCA, 903, 903E	02/92 > 12/94	Manual	DSN585		12	0.8
Terra 0.9 CAT (24)	Petrol	29/40	09NCB, 903, 903E	02/92 > 12/94	Manual	DSN585		12	0.8
Terra Box 0.9 (024A)	Petrol	29/40	09NCA, 903, 903E	01/87 > 12/95	Manual	DSN585		12	0.8
Terra Box 0.9 (024A)	Petrol	29/40	09NCB, 903, 903E	01/87 > 12/95	Manual	DSN585		12	0.8
SMART									
City-Coupe 0.6 (S1CLA1)	Petrol	40/55	M 160 E6AL B03	07/98 > 01/04		DSN583		12	0.8
City-Coupe 0.6 (S1CLB1)	Petrol	33/45	M 160 E6AL B04	07/98 > 01/04		DSN583		12	0.8
TOYOTA									
Avensis 1.8 VVT-i (T22)	Petrol	95/129	1ZZFE	10/00 > 02/03	Manual/ Automatic	DSN921	Rotation: CW	12	1.0
Avensis 2.0 (ST220)	Petrol	94/128	3SFE	09/97 > 06/00		DSN923	Rotation: ACW	12	1.2
Avensis 2.0 VVT-i (T22)	Petrol	110/150	1AZFSE	10/00 > 02/03	Manual/ Automatic	DSN922	Rotation: ACW, for cold climates	12	1.2
Avensis 1.6 VVT-i (T25)	Petrol	81/110	3ZZFE	04/03 > 10/08	Manual, 5-speed	DSN920	Rotation: CW	12	1.3
Avensis 1.8 (T25)	Petrol	95/129	1ZZFE	04/03 > 10/08		DSN920	Rotation: CW	12	1.3
Avensis Estate 1.8 (T25)	Petrol	95/129	1ZZFE	04/03 > 10/08		DSN920	Rotation: CW	12	1.3
Avensis Liftback 1.6 VVT-i (T22)	Petrol	81/110	3ZZFE	10/00 > 02/03	Manual, 5-speed	DSN921	Rotation: CW	12	1.0
Avensis Liftback 1.8 VVT-i (T22)	Petrol	95/129	1ZZFE	10/00 > 02/03	Manual/ Automatic	DSN921	Rotation: CW	12	1.0
Avensis Liftback 2.0 (ST220)	Petrol	94/128	3SFE	09/97 > 06/00		DSN923	Rotation: ACW	12	1.2
Avensis Liftback 2.0 VVT-i (T22)	Petrol	110/150	1AZFSE	10/00 > 02/03	Manual/ Automatic	DSN922	Rotation: ACW, for cold climates	12	1.2
Avensis Saloon 1.6 VVT-i (T25)	Petrol	81/110	3ZZFE	04/03 > 10/08	Manual, 5-speed	DSN920	Rotation: CW	12	1.3
Avensis Saloon 1.8 (T25)	Petrol	95/129	1ZZFE	04/03 > 10/08		DSN920	Rotation: CW	12	1.3
Avensis Station Wagon 1.6 VVT-i (T22)	Petrol	81/110	3ZZFE	10/00 > 02/03	Manual, 5-speed	DSN921	Rotation: CW	12	1.0
Avensis Station Wagon 1.8 VVT-i (T22)	Petrol	95/129	1ZZFE	10/00 > 02/03	Manual/ Automatic	DSN921	Rotation: CW	12	1.0
Avensis Station Wagon 2.0 (ST220)	Petrol	94/128	3SFE	09/97 > 06/00		DSN923	Rotation: ACW	12	1.2
Avensis Station Wagon 2.0 VVT-i (T22)	Petrol	110/150	1AZFSE	10/00 > 02/03	Manual/ Automatic	DSN922	Rotation: ACW, for cold climates	12	1.2
Avensis Verso 2.0 D-4D (AC)	Diesel	85/116	1CDFTV	08/01 > 07/05	Manual	DSN928	Rotation: CW, LHD	12	2.2
Avensis Verso 2.0 VVT-i (AC)	Petrol	110/150	1AZFE	08/01 > 07/05	Manual/ Automatic	DSN929	Rotation: ACW	12	1.4
Camry 2.2 (SXV20)	Petrol	96/131	5SFE, 5SFNE	08/96 > 11/01	Manual/ Automatic	DSN929	Rotation: ACW	12	1.4
Camry 3.0 24V (MCV20)	Petrol	140/190	1MZFE	03/97 > 07/01	Automatic, 4-speed	DSN929	Rotation: ACW	12	1.4
Camry 3.0 V6 (V30)	Petrol	137/186	1MZFE	11/01 > 02/06	Automatic, 4-speed	DSN929	Rotation: ACW	12	1.4
Carina E 2.0 GLI (ST191)	Petrol	98/133	3SFE	04/92 > 09/97		DSN923	Rotation: ACW	12	1.2

Starters & Alternators

Application Tables – Starters

		kW/HP							Power (kW)
TOYOTA continued									
Carina E 2.0 GTi (ST191)	Petrol	116/158	3SGE	04/92 > 02/94		DSN923	Rotation: ACW	12	1.2
Carina E 2.0 GTi 16V (ST191)	Petrol	129/175	3SGER	07/95 > 09/97		DSN923	Rotation: ACW	12	1.2
Carina E 2.0 i (ST191)	Petrol	93/126	3SFE	11/94 > 09/97		DSN923	Rotation: ACW	12	1.2
Carina E Saloon 2.0 (ST191)	Petrol	98/133	3SFE	01/93 > 09/97		DSN923	Rotation: ACW	12	1.2
Carina E Saloon 2.0 GTi (ST191)	Petrol	116/158	3SGE	04/92 > 02/94		DSN923	Rotation: ACW	12	1.2
Carina E Saloon 2.0 GTi 16V (ST191)	Petrol	129/175	3SGER	03/94 > 09/97		DSN923	Rotation: ACW	12	1.2
Carina E Saloon 2.0 i (ST191)	Petrol	93/126	3SFE	11/94 > 09/97		DSN923	Rotation: ACW	12	1.2
Carina E Sportswagon 2.0 GLI (ST191)	Petrol	98/133	3SFE	01/93 > 09/97		DSN923	Rotation: ACW	12	1.2
Carina E Sportswagon 2.0 i (ST191)	Petrol	93/126	3SFE	05/95 > 09/97		DSN923	Rotation: ACW	12	1.2
Celica 1.8 16V TS (ZZT231)	Petrol	141/192	2ZZGE	08/00 > 09/05		DSN921	Rotation: CW	12	1.0
Celica 1.8 16V VT-i (ZZT230)	Petrol	105/143	1ZZFE	11/99 > 09/05	Manual, 6-speed	DSN921	Rotation: CW	12	1.0
Corolla 1.4 D4d (E11)	Diesel	66/90	1NDTV	06/04 > 10/07		DSN926	Rotation: CW	12	2.0
Corolla 1.4 D (E12U, E12J)	Diesel	66/90	1NDTV	07/04 > 02/07		DSN926	Rotation: CW	12	2.0
Corolla 1.4 VVT-i (E12U, E12J)	Petrol	71/97	4ZZFE	01/02 > 02/07		DSN921	Rotation: CW	12	1.0
Corolla 1.6 VVT-i (E12U, E12J)	Petrol	81/110	3ZZFE	01/02 > 02/07		DSN921	Rotation: CW	12	1.0
Corolla 2.0 D-4D (E12U, E12J)	Diesel	85/116	1CDFTV	05/03 > 02/07		DSN928	Rotation: CW	12	2.2
Corolla Compact 1.4 (ZZE111)	Petrol	71/97	4ZZFE	02/00 > 01/02		DSN921	Rotation: CW	12	1.0
Corolla Compact 1.6 (ZZE112)	Petrol	81/110	3ZZFE	02/00 > 01/02		DSN921	Rotation: CW	12	1.0
Corolla Estate 1.4 D (E12J, E12T)	Diesel	66/90	1NDTV	07/04 > 10/07		DSN926	Rotation: CW	12	2.0
Corolla Liftback 1.4 (ZZE111)	Petrol	71/97	4ZZFE	02/00 > 01/02		DSN921	Rotation: CW	12	1.0
Corolla Liftback 1.6 (ZZE112)	Petrol	81/110	3ZZFE	02/00 > 01/02		DSN921	Rotation: CW	12	1.0
Corolla Saloon 1.4 D-4D	Diesel	66/90	1NDTV	01/09 >		DSN926	Rotation: CW	12	2.0
Corolla Saloon 1.4 D (E12J, E12T)	Diesel	66/90	1NDTV	07/04 > 10/07		DSN926	Rotation: CW	12	2.0
Corolla Saloon 1.4 VVT-i (E12J, E12T)	Petrol	71/97	4ZZFE	08/02 > 10/07		DSN921	Rotation: CW, not for cold climates	12	1.0
Corolla Verso 1.6 VVT-i (E12J)	Petrol	81/110	3ZZFE	01/02 > 01/04		DSN921	Rotation: CW	12	1.0
Corolla Verso 1.8 VVT-i (E12J)	Petrol	99/135	1ZZFE	01/02 > 01/04	Automatic, 4-speed	DSN921	Rotation: CW	12	1.0
Corolla Verso 2.0 D-4D (E12J)	Diesel	66/90	1CDFTV	01/02 > 05/04		DSN928	Rotation: CW	12	2.2
Corolla Wagon 1.4 16V (ZZE111)	Petrol	71/97	4ZZFE	02/00 > 01/02		DSN921	Rotation: CW	12	1.0
Corolla Wagon 1.4 D4d (E11)	Diesel	66/90	1NDTV	06/04 > 10/07		DSN926	Rotation: CW	12	2.0
Corolla Wagon 1.6 16V (ZZE112)	Petrol	81/110	3ZZFE	02/00 > 01/02		DSN921	Rotation: CW	12	1.0
MR 2 1.8 16V VT-i (ZZW30)	Petrol	103/140	1ZZFE	04/00 > 09/05	Manual	DSN921	Rotation: CW	12	1.0
Picnic 2.0 (XM10)	Petrol	90/122	3SFE	01/01 > 12/01		DSN923	Rotation: ACW	12	1.2
Picnic 2.0 16V (SXM10)	Petrol	94/128	3SFE	05/96 > 05/00		DSN923	Rotation: ACW	12	1.2
Picnic 2.2 D (CMX10)	Diesel	66/90	3CTE	08/97 > 04/01		DSN928	Rotation: CW	12	2.2
Previa 2.0 D-4D (ACR3)	Diesel	85/116	1CDFTV	03/01 > 12/05		DSN928	Rotation: CW	12	2.2
Previa 2.4 16V (ACR3)	Petrol	115/156	2AZFE	08/00 > 12/05		DSN929	Rotation: ACW	12	1.4
RAV 4 I 2.0 16V (SXA1)	Petrol	95/129	3SFE	11/95 > 06/00		DSN923	Rotation: ACW	12	1.2
RAV 4 II 1.8 VVTi (XA2)	Petrol	92/125	1ZZFE	02/01 > 10/05		DSN921	Rotation: CW	12	1.0
RAV 4 II 2.0 D-4D 4WD (XA2)	Diesel	85/116	1CDFTV	09/01 > 10/05		DSN928	Rotation: CW	12	2.2
RAV 4 II 2.0 VVTi 4WD (XA2)	Petrol	110/150	1AZFE	06/00 > 10/05		DSN929	Rotation: ACW	12	1.4
Yaris 1.4 D-4D	Diesel	66/90	1NDTV	01/06 >		DSN926	Rotation: CW	12	2.0
Yaris 1.0 16V (CP10)	Petrol	48/65	1SZFE	03/03 > 08/05		DSN931	Rotation: CW	12	1.0
Yaris 1.0 16V (SCP10)	Petrol	50/68	1SZFE	04/99 > 03/03		DSN931	Rotation: CW	12	1.0
Yaris 1.3 (CP10)	Petrol	64/87	2SZFE	04/02 > 08/05		DSN931	Rotation: CW	12	1.0
Yaris 1.3 16V (NCP10)	Petrol	63/86	2NZFE	11/99 > 10/04	Automatic	DSN935	Rotation: CW	12	1.4
Yaris 1.3 16V (NCP10)	Petrol	63/86	2NZFE	11/99 > 10/04	Automatic	DSN936	Rotation: CW	12	1.6
Yaris 1.3 16V (NCP10)	Petrol	63/86	2NZFE	11/99 > 10/04	Manual	DSN934	Rotation: CW	12	1.0
Yaris 1.4 D-4D (CP10)	Diesel	55/75	1NDTV	12/01 > 08/05	Manual, 5-speed	DSN937	Rotation: CW	12	2.0
Yaris 1.5 TS (NCP13)	Petrol	77/105	1NZFE	01/03 > 08/06		DSN934	Rotation: CW	12	1.0
Yaris 1.5 VVT-i TS (CP10)	Petrol	78/106	1NZFE	04/01 > 03/03	Manual, 5-speed	DSN934	Rotation: CW	12	1.0
Yaris Verso 1.3 (NCP22)	Petrol	62/84	2NZFE	01/03 > 09/05		DSN934	Rotation: CW	12	1.0
Yaris Verso 1.3 (NCP22)	Petrol	62/84	2NZFE	01/03 > 09/05	Automatic	DSN935	Rotation: CW	12	1.4
Yaris Verso 1.3 (NCP22)	Petrol	62/84	2NZFE	01/03 > 09/05	Automatic	DSN936	Rotation: CW	12	1.6
Yaris Verso 1.3 (NCP22)	Petrol	63/86	2NZFE	11/99 > 03/03	Automatic	DSN935	Rotation: CW	12	1.4
Yaris Verso 1.3 (NCP22)	Petrol	63/86	2NZFE	11/99 > 03/03	Automatic	DSN936	Rotation: CW	12	1.6
Yaris Verso 1.3 (NCP22)	Petrol	63/86	2NZFE	11/99 > 03/03	Manual	DSN934	Rotation: CW	12	1.0
Yaris Verso 1.4 D-4D (NLP22)	Diesel	55/75	1NDTV	12/01 > 09/05	Manual, 5-speed	DSN937	Rotation: CW	12	2.0
Yaris Verso 1.5 (NCP21)	Petrol	77/105	1NZFE	05/03 > 09/05		DSN934	Rotation: CW	12	1.0
Yaris Verso 1.5 (NCP21)	Petrol	78/106	1NZFE	03/00 > 03/03		DSN934	Rotation: CW	12	1.0

DENSO Application Tables – Alternators












		KW/HP							Current (Amps)
ALFA ROMEO									
145 1.4 i.e. 16V T.S. (930)	Petrol	76/103	AR33503	12/96 > 01/01	Manual	DAN502	eng.->496654, - A/C	14	85
145 1.4 i.e. 16V T.S. (930)	Petrol	76/103	AR33503	12/96 > 01/01	Manual	DAN633	eng.->496654, - A/C	14	85
145 1.4 i.e. 16V T.S. (930)	Petrol	76/103	AR33503	12/96 > 01/01	Manual	DAN636	- A/C	14	75
145 1.4 i.e. 16V T.S. (930)	Petrol	76/103	AR33503	12/96 > 01/01	Manual	DAN641	Belt pulley, eng.->496654, 6 ribs, - A/C	14	85
145 1.6 i.e. 16V T.S. (930)	Petrol	88/120	AR67601	12/96 > 01/01	Manual	DAN502	eng.->496654, + A/C	14	100
145 1.6 i.e. 16V T.S. (930)	Petrol	88/120	AR67601	12/96 > 01/01	Manual	DAN502	eng.->496654, - A/C	14	85
145 1.6 i.e. 16V T.S. (930)	Petrol	88/120	AR67601	12/96 > 01/01	Manual	DAN633	eng.->496654, - A/C	14	85
145 1.6 i.e. 16V T.S. (930)	Petrol	88/120	AR67601	12/96 > 01/01	Manual	DAN636	- A/C	14	75
145 1.6 i.e. 16V T.S. (930)	Petrol	88/120	AR67601	12/96 > 01/01	Manual	DAN641	Belt pulley, eng.->496654, 6 ribs, + A/C	14	100
145 1.6 i.e. 16V T.S. (930)	Petrol	88/120	AR67601	12/96 > 01/01	Manual	DAN641	Belt pulley, eng.->496654, 6 ribs, - A/C	14	85
145 1.8 i.e. 16V (930)	Petrol	106/144	AR32201	03/98 > 01/01	Manual	DAN502	+ A/C	14	100
145 1.8 i.e. 16V (930)	Petrol	106/144	AR32201	03/98 > 01/01	Manual	DAN502	- A/C	14	85
145 1.8 i.e. 16V (930)	Petrol	106/144	AR32201	03/98 > 01/01	Manual	DAN633	- A/C	14	85
145 1.8 i.e. 16V (930)	Petrol	106/144	AR32201	03/98 > 01/01	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
145 1.8 i.e. 16V (930)	Petrol	106/144	AR32201	03/98 > 01/01	Manual	DAN641	Belt pulley, 6 ribs, - A/C	14	85
145 1.8 i.e. 16V T.S. (930)	Petrol	103/140	AR67106	12/96 > 12/98	Manual	DAN502	eng.->496654, + A/C	14	100
145 1.8 i.e. 16V T.S. (930)	Petrol	103/140	AR67106	12/96 > 12/98	Manual	DAN502	eng.->496654, - A/C	14	85
145 1.8 i.e. 16V T.S. (930)	Petrol	103/140	AR67106	12/96 > 12/98	Manual	DAN633	eng.->496654, - A/C	14	85
145 1.8 i.e. 16V T.S. (930)	Petrol	103/140	AR67106	12/96 > 12/98	Manual	DAN636	- A/C	14	75
145 1.8 i.e. 16V T.S. (930)	Petrol	103/140	AR67106	12/96 > 12/98	Manual	DAN641	Belt pulley, eng.->496654, 6 ribs, + A/C	14	100
145 1.8 i.e. 16V T.S. (930)	Petrol	103/140	AR67106	12/96 > 12/98	Manual	DAN641	Belt pulley, eng.->496654, 6 ribs, - A/C	14	85
145 1.9 JTD (930)	Diesel	77/105	AR32302	03/99 > 01/01	Manual	DAN502	- A/C	14	90, 100
145 1.9 JTD (930)	Diesel	77/105	AR32302	03/99 > 01/01	Manual	DAN502	+ A/C	14	90, 100
145 1.9 JTD (930)	Diesel	77/105	AR32302	03/99 > 01/01	Manual	DAN633	- A/C	14	85
145 1.9 JTD (930)	Diesel	77/105	AR32302	03/99 > 01/01	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
145 1.9 JTD (930)	Diesel	77/105	AR32302	03/99 > 01/01	Manual	DAN641	Belt pulley, 6 ribs, - A/C	14	85
145 2.0 16V Quadrifoglio (930)	Petrol	114/155	AR32301	03/98 > 01/01	Manual	DAN502	+/- A/C	14	100
145 2.0 16V Quadrifoglio (930)	Petrol	114/155	AR32301	03/98 > 01/01	Manual	DAN502	eng.->1385143, +/- A/C	14	100
145 2.0 16V Quadrifoglio (930)	Petrol	114/155	AR32301	03/98 > 01/01	Manual	DAN632	eng.->1385143, +/- A/C	14	100
145 2.0 16V Quadrifoglio (930)	Petrol	114/155	AR32301	03/98 > 01/01	Manual	DAN641	Belt pulley, 6 ribs, +/- A/C	14	100
145 2.0 16V Quadrifoglio (930)	Petrol	114/155	AR32301	03/98 > 01/01	Manual	DAN641	Belt pulley, eng.->1385143, 6 ribs, +/- A/C	14	100
145 2.0 16V T.S. (930)	Petrol	110/150	AR67204, AR67299	10/95 > 02/99	Manual	DAN502	+/- A/C	14	100
145 2.0 16V T.S. (930)	Petrol	110/150	AR67204, AR67299	10/95 > 02/99	Manual	DAN502	eng.->1385143, +/- A/C	14	100
145 2.0 16V T.S. (930)	Petrol	110/150	AR67204, AR67299	10/95 > 02/99	Manual	DAN632	eng.->1385143, +/- A/C	14	100
145 2.0 16V T.S. (930)	Petrol	110/150	AR67204, AR67299	10/95 > 02/99	Manual	DAN641	Belt pulley, 6 ribs, +/- A/C	14	100
145 2.0 16V T.S. (930)	Petrol	110/150	AR67204, AR67299	10/95 > 02/99	Manual	DAN641	Belt pulley, eng.->1385143, 6 ribs, +/- A/C	14	100
146 1.4 i.e. 16V T.S. (930)	Petrol	76/103	AR33503	11/96 > 01/01	Manual	DAN502	eng.->496654, - A/C	14	85
146 1.4 i.e. 16V T.S. (930)	Petrol	76/103	AR33503	11/96 > 01/01	Manual	DAN633	eng.->496654, - A/C	14	85
146 1.4 i.e. 16V T.S. (930)	Petrol	76/103	AR33503	11/96 > 01/01	Manual	DAN636	- A/C	14	75
146 1.4 i.e. 16V T.S. (930)	Petrol	76/103	AR33503	11/96 > 01/01	Manual	DAN641	Belt pulley, eng.->496654, 6 ribs, - A/C	14	85
146 1.6 i.e. 16V T.S. (930)	Petrol	88/120	AR67601	11/96 > 01/01	Manual	DAN502	eng.->496654, + A/C	14	100
146 1.6 i.e. 16V T.S. (930)	Petrol	88/120	AR67601	11/96 > 01/01	Manual	DAN502	eng.->496654, - A/C	14	85
146 1.6 i.e. 16V T.S. (930)	Petrol	88/120	AR67601	11/96 > 01/01	Manual	DAN633	eng.->496654, - A/C	14	85






		kW/HP							Current (Amps)
ALFA ROMEO <i>continued</i>									
146 1.6 i.e. 16V T.S. (930)	Petrol	88/120	AR67601	11/96 > 01/01	Manual	DAN636	- A/C	14	75
146 1.6 i.e. 16V T.S. (930)	Petrol	88/120	AR67601	11/96 > 01/01	Manual	DAN641	Belt pulley, eng.->496654, 6 ribs, + A/C	14	100
146 1.6 i.e. 16V T.S. (930)	Petrol	88/120	AR67601	11/96 > 01/01	Manual	DAN641	Belt pulley, eng.->496654, 6 ribs, - A/C	14	85
146 1.8 i.e. 16V T.S. (930)	Petrol	103/140	AR67106	11/96 > 02/99	Manual	DAN502	eng.->496654, + A/C	14	100
146 1.8 i.e. 16V T.S. (930)	Petrol	103/140	AR67106	11/96 > 02/99	Manual	DAN502	- A/C	14	85
146 1.8 i.e. 16V T.S. (930)	Petrol	103/140	AR67106	11/96 > 02/99	Manual	DAN633	- A/C	14	85
146 1.8 i.e. 16V T.S. (930)	Petrol	103/140	AR67106	11/96 > 02/99	Manual	DAN636	- A/C	14	75
146 1.8 i.e. 16V T.S. (930)	Petrol	103/140	AR67106	11/96 > 02/99	Manual	DAN641	Belt pulley, eng.->496654, 6 ribs, + A/C	14	100
146 1.8 i.e. 16V T.S. (930)	Petrol	103/140	AR67106	11/96 > 02/99	Manual	DAN641	Belt pulley, 6 ribs, - A/C	14	85
146 1.8 i.e. 16V T.S. (930)	Petrol	106/144	AR32201	03/98 > 01/01	Manual	DAN502	+ A/C	14	100
146 1.8 i.e. 16V T.S. (930)	Petrol	106/144	AR32201	03/98 > 01/01	Manual	DAN502	- A/C	14	85
146 1.8 i.e. 16V T.S. (930)	Petrol	106/144	AR32201	03/98 > 01/01	Manual	DAN633	- A/C	14	85
146 1.8 i.e. 16V T.S. (930)	Petrol	106/144	AR32201	03/98 > 01/01	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
146 1.8 i.e. 16V T.S. (930)	Petrol	106/144	AR32201	03/98 > 01/01	Manual	DAN641	Belt pulley, 6 ribs, - A/C	14	85
146 1.9 JTD (930)	Diesel	77/105	AR 32302	03/99 > 01/01		DAN502	+ v-ribbed belt pulley	12	90, 100
146 1.9 JTD (930)	Diesel	77/105	AR32302	03/99 > 01/01	Manual	DAN502	- A/C	14	90, 100
146 1.9 JTD (930)	Diesel	77/105	AR32302	03/99 > 01/01	Manual	DAN502	Semi-auto A/C	14	90, 100
146 1.9 JTD (930)	Diesel	77/105	AR32302	03/99 > 01/01	Manual	DAN633	- A/C	14	85
146 1.9 JTD (930)	Diesel	77/105	AR32302	03/99 > 01/01	Manual	DAN641	Belt pulley, 6 ribs, Semi-auto A/C	14	100
146 1.9 JTD (930)	Diesel	77/105	AR32302	03/99 > 01/01	Manual	DAN641	Belt pulley, 6 ribs, - A/C	14	85
146 2.0 16V Quadrifoglio (930)	Petrol	114/155	AR32301	03/98 > 01/01	Manual	DAN502	+/- A/C	14	100
146 2.0 16V Quadrifoglio (930)	Petrol	114/155	AR32301	03/98 > 01/01	Manual	DAN502	eng.->1385143, +/- A/C	14	100
146 2.0 16V Quadrifoglio (930)	Petrol	114/155	AR32301	03/98 > 01/01	Manual	DAN632	eng.->1385143, +/- A/C	14	100
146 2.0 16V Quadrifoglio (930)	Petrol	114/155	AR32301	03/98 > 01/01	Manual	DAN641	Belt pulley, 6 ribs, +/- A/C	14	100
146 2.0 16V T.S. (930)	Petrol	110/150	AR67204	10/95 > 01/01	Manual	DAN502		14	100
146 2.0 16V T.S. (930)	Petrol	110/150	AR67204	10/95 > 01/01	Manual	DAN502	eng.->1385143	14	100
146 2.0 16V T.S. (930)	Petrol	110/150	AR67204	10/95 > 01/01	Manual	DAN632	eng.->1385143	14	100
146 2.0 16V T.S. (930)	Petrol	110/150	AR67204	10/95 > 01/01	Manual	DAN641	Belt pulley, 6 ribs	14	100
146 2.0 16V T.S. (930)	Petrol	110/150	AR67204	10/95 > 01/01	Manual	DAN641	Belt pulley, eng.->1385143, 6 ribs	14	100
147 1.6 16V T.SPARK (937AXB1A)	Petrol	88/120	AR32104	01/01 >	Manual	DAN502	- A/C	14	85
147 1.6 16V T.SPARK (937AXB1A)	Petrol	88/120	AR32104	01/01 >	Manual	DAN633	- A/C	14	85
147 1.6 16V T.SPARK (937AXB1A)	Petrol	88/120	AR32104	01/01 >	Manual	DAN641	Belt pulley, 6 ribs, - A/C	14	85
147 1.6 16V T.SPARK (937AXB1A)	Petrol	88/120	AR32104	10/04 >	Manual	DAN502	eng.->2835764, + auto climate control	14	100
147 1.6 16V T.SPARK (937AXB1A)	Petrol	88/120	AR32104	10/04 >	Manual	DAN641	Belt pulley, eng.->2835764, 6 ribs, + auto climate control	14	100
147 1.6 16V T.SPARK ECO (937AXA1A)	Petrol	77/105	AR37203	01/01 >	Manual	DAN502	- A/C	14	85
147 1.6 16V T.SPARK ECO (937AXA1A)	Petrol	77/105	AR37203	01/01 >	Manual	DAN633	- A/C	14	85
147 1.6 16V T.SPARK ECO (937AXA1A)	Petrol	77/105	AR37203	01/01 >	Manual	DAN641	Belt pulley, 6 ribs, - A/C	14	85
147 1.6 16V T.SPARK ECO (937AXA1A)	Petrol	77/105	AR37203	10/04 >	Manual	DAN502	eng.->2835764, + auto climate control	14	100
147 1.6 16V T.SPARK ECO (937AXA1A)	Petrol	77/105	AR37203	10/04 >	Manual	DAN641	Belt pulley, eng.->2835764, 6 ribs, + auto climate control	14	100
147 1.9 JTD (937)	Diesel	74/101	182B9.000	06/03 >	Manual	DAN501	Air cooled	14	120
147 1.9 JTD (937AXD1A)	Diesel	85/115	937 A2.000	06/01 >		DAN502	+ v-ribbed belt pulley	12	100
147 1.9 JTD (937AXD1A)	Diesel	85/115	937 A2.000	06/01 >		DAN513	+ belt pulley, air cooled	14	120

		KW/HP							Current (Amps)
ALFA ROMEO <i>continued</i>									
147 1.9 JTD (937AXD1A)	Diesel	85/115	939A7.000	10/04 >	Manual	DAN501	Air cooled	14	120
147 1.9 JTD 16V (937)	Diesel	100/136	192B1.000(E3), 192B1.000(E4)	10/04 >	Manual	DAN501	Air cooled	14	120
147 1.9 JTD 16V (937)	Diesel	103/140	192 A5.000	11/02 >		DAN513	+ belt pulley, air cooled	14	120
147 1.9 JTD 16V (937)	Diesel	103/140	192A5.000	07/05 >	Manual	DAN501	Air cooled	14	120
147 1.9 JTD 16V (937)	Diesel	93/126	937A4.000	09/03 > 09/04	Manual	DAN501	Semi-auto A/C, air cooled	14	120
147 1.9 JTDM 16V (937)	Diesel	110/150	937A4.000, 937A5.000(E3), 937A5.000(E4)	07/05 >	Manual	DAN501	Air cooled	14	120
147 1.9 JTDM 16V (937)	Diesel	85/115		10/04 >		DAN502	+ v-ribbed belt pulley	12	100
147 1.9 JTDM 16V (937)	Diesel	85/115		10/04 >		DAN513	+ belt pulley, air cooled	14	120
147 1.9 JTDM 16V (937)	Diesel	85/115	939A7.000	10/04 >	Manual	DAN501	Air cooled	14	120
147 1.9 JTDM 8V (937)	Diesel	88/120	937A3.000	07/05 >	Manual	DAN501	Air cooled	14	120
147 2.0 16V T.SPARK (937AXC1)	Petrol	110/150	AR 32310	01/01 >	Manual/ Automatic	DAN502	+ v-ribbed belt pulley	12	100
147 2.0 16V T.SPARK (937AXC1)	Petrol	110/150	AR 32310	01/02 >	Manual/ Automatic	DAN501	+ belt pulley, air cooled	14	105
147 2.0 16V T.SPARK (937AXC1)	Petrol	110/150	AR32310	01/01 >	Manual	DAN502	eng.->2835764, + auto climate control	14	100
147 2.0 16V T.SPARK (937AXC1)	Petrol	110/150	AR32310	01/01 >	Manual	DAN641	Belt pulley, eng.->2835764, 6 ribs, + auto climate control	14	100
155 1.6 16V T.S. (167)	Petrol	88/120	AR67601	05/96 > 12/97	Manual	DAN502		14	100
155 1.6 16V T.S. (167)	Petrol	88/120	AR67601	05/96 > 12/97	Manual	DAN632		14	100
155 1.6 16V T.S. (167)	Petrol	88/120	AR67601	05/96 > 12/97	Manual	DAN641	Belt pulley, 6 ribs	14	100
155 1.7 T.S. 16V (167)	Petrol	103/140	AR67106	05/96 > 12/97	Manual	DAN502	eng.->496654, + A/C	14	100
155 1.7 T.S. 16V (167)	Petrol	103/140	AR67106	05/96 > 12/97	Manual	DAN502	- A/C	14	85
155 1.7 T.S. 16V (167)	Petrol	103/140	AR67106	05/96 > 12/97	Manual	DAN633	- A/C	14	85
155 1.7 T.S. 16V (167)	Petrol	103/140	AR67106	05/96 > 12/97	Manual	DAN641	Belt pulley, eng.->496654, 6 ribs, + A/C	14	100
155 1.7 T.S. 16V (167)	Petrol	103/140	AR67106	05/96 > 12/97	Manual	DAN641	Belt pulley, 6 ribs, - A/C	14	85
155 2.0 T.S. 16V (167.A2G)	Petrol	110/150	AR67204, AR67299	06/95 > 12/97	Manual	DAN502		14	100
155 2.0 T.S. 16V (167.A2G)	Petrol	110/150	AR67204, AR67299	06/95 > 12/97	Manual	DAN632		14	100
155 2.0 T.S. 16V (167.A2G)	Petrol	110/150	AR67204, AR67299	06/95 > 12/97	Manual	DAN641	Belt pulley, 6 ribs	14	100
156 1.6 16V T.SPARK (932A4)	Petrol	88/120	AR32102, AR32103, AR32104, AR67601	11/97 > 03/03	Manual	DAN502	+ A/C	14	100
156 1.6 16V T.SPARK (932A4)	Petrol	88/120	AR32102, AR32103, AR32104, AR67601	11/97 > 03/03	Manual	DAN502	eng.->02023566, - A/C	14	85
156 1.6 16V T.SPARK (932A4)	Petrol	88/120	AR32102, AR32103, AR32104, AR67601	11/97 > 03/03	Manual	DAN633	eng.->02023566, - A/C	14	85
156 1.6 16V T.SPARK (932A4)	Petrol	88/120	AR32102, AR32103, AR32104, AR67601	11/97 > 03/03	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
156 1.6 16V T.SPARK (932A4)	Petrol	88/120	AR32102, AR32103, AR32104, AR67601	11/97 > 03/03	Manual	DAN641	Belt pulley, eng.->02023566, 6 ribs, - A/C	14	85
156 1.8 16V T.SPARK (932A3)	Petrol	106/144	AR32201	11/97 > 10/00	Manual	DAN502	+ A/C	14	100
156 1.8 16V T.SPARK (932A3)	Petrol	106/144	AR32201	11/97 > 10/00	Manual	DAN502	eng.->02023566, - A/C	14	85
156 1.8 16V T.SPARK (932A3)	Petrol	106/144	AR32201	11/97 > 10/00	Manual	DAN633	eng.->02023566, - A/C	14	85
156 1.8 16V T.SPARK (932A3)	Petrol	106/144	AR32201	11/97 > 10/00	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
156 1.8 16V T.SPARK (932A3)	Petrol	106/144	AR32201	11/97 > 10/00	Manual	DAN641	Belt pulley, eng.->02023566, 6 ribs, - A/C	14	85
156 1.8 16V T.SPARK (932A31)	Petrol	103/140	AR32205	10/00 > 03/03	Manual	DAN502	+ A/C	14	100
156 1.8 16V T.SPARK (932A31)	Petrol	103/140	AR32205	10/00 > 03/03	Manual	DAN502	- A/C	14	85
156 1.8 16V T.SPARK (932A31)	Petrol	103/140	AR32205	10/00 > 03/03	Manual	DAN633	- A/C	14	85
156 1.8 16V T.SPARK (932A31)	Petrol	103/140	AR32205	10/00 > 03/03	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
156 1.8 16V T.SPARK (932A31)	Petrol	103/140	AR32205	10/00 > 03/03	Manual	DAN641	Belt pulley, 6 ribs, - A/C	14	85
156 1.9 JTD (932A2B, 932A2C)	Diesel	85/115	937 A2.000	11/01 > 09/05		DAN513	+ belt pulley, air cooled	14	120





		kW/HP							Current (Amps)
ALFA ROMEO <i>continued</i>									
156 1.9 JTD (932B2)	Diesel	77/105	AR 32302	11/97 > 06/00	Manual, 5-speed	DAN501	+ belt pulley, air cooled	14	105
156 1.9 JTD (932B2)	Diesel	77/105	AR 32302	11/97 > 06/00	Manual, 5-speed	DAN502	+ v-ribbed belt pulley, ch.->1501771	12	100
156 1.9 JTD (932B2)	Diesel	77/105	AR32302	11/97 > 06/00	Manual	DAN502	+ A/C	14	100
156 1.9 JTD (932B2)	Diesel	77/105	AR32302	11/97 > 06/00	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
156 2.0 16V T.SPARK (932A2)	Petrol	114/155	AR32301	11/97 > 04/00	Manual	DAN502		14	100
156 2.0 16V T.SPARK (932A2)	Petrol	114/155	AR32301	11/97 > 04/00	Manual	DAN502	eng.->1385143	14	100
156 2.0 16V T.SPARK (932A2)	Petrol	114/155	AR32301	11/97 > 04/00	Manual	DAN632	eng.->1385143	14	100
156 2.0 16V T.SPARK (932A2)	Petrol	114/155	AR32301	11/97 > 04/00	Manual	DAN641	Belt pulley, 6 ribs	14	100
156 2.0 16V T.SPARK (932A2)	Petrol	114/155	AR32301	11/97 > 04/00	Manual	DAN641	Belt pulley, eng.->1385143, 6 ribs	14	100
156 2.0 16V T.SPARK (932A21)	Petrol	110/150	AR32310	10/00 > 03/02	Manual	DAN502		14	100
156 2.0 16V T.SPARK (932A21)	Petrol	110/150	AR32310	10/00 > 03/02	Manual	DAN641	Belt pulley, 6 ribs	14	100
156 2.4 JTD (932B1)	Diesel	100/136	AR 32501	11/97 > 04/00	Manual, 5-speed	DAN502	+ v-ribbed belt pulley, ch.->1501771	12	100
156 2.4 JTD (932B1)	Diesel	100/136	AR32501	11/97 > 04/00	Manual	DAN502	+ A/C	14	100
156 2.4 JTD (932B1)	Diesel	100/136	AR32501	11/97 > 04/00	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
156 Sportwagon 1.6 16V T.SPARK. (932A4)	Petrol	88/120	AR32104	09/00 > 03/03	Manual	DAN502	eng.->0202356, - A/C	14	85
156 Sportwagon 1.6 16V T.SPARK. (932A4)	Petrol	88/120	AR32104	09/00 > 03/03	Manual	DAN633	eng.->0202356, - A/C	14	85
156 Sportwagon 1.6 16V T.SPARK. (932A4)	Petrol	88/120	AR32104	09/00 > 03/03	Manual	DAN641	Belt pulley, eng.->0202356, 6 ribs, - A/C	14	85
156 Sportwagon 1.6 16V T.SPARK. (932A4)	Petrol	88/120	AR32104, AR67601	05/00 > 03/03	Manual	DAN502	+ A/C	14	100
156 Sportwagon 1.6 16V T.SPARK. (932A4)	Petrol	88/120	AR32104, AR67601	05/00 > 03/03	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
156 Sportwagon 1.8 16V T.SPARK (932A3)	Petrol	106/144	AR32201	05/00 > 10/00	Manual	DAN502	+ A/C	14	100
156 Sportwagon 1.8 16V T.SPARK (932A3)	Petrol	106/144	AR32201	05/00 > 10/00	Manual	DAN502	eng.->0202356, - A/C	14	85
156 Sportwagon 1.8 16V T.SPARK (932A3)	Petrol	106/144	AR32201	05/00 > 10/00	Manual	DAN633	eng.->0202356, - A/C	14	85
156 Sportwagon 1.8 16V T.SPARK (932A3)	Petrol	106/144	AR32201	05/00 > 10/00	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
156 Sportwagon 1.8 16V T.SPARK (932A3)	Petrol	106/144	AR32201	05/00 > 10/00	Manual	DAN641	Belt pulley, eng.->0202356, 6 ribs, - A/C	14	85
156 Sportwagon 1.8 16V T.SPARK (932B31)	Petrol	103/140	AR32205	10/00 > 03/03	Manual	DAN502	+ A/C	14	100
156 Sportwagon 1.8 16V T.SPARK (932B31)	Petrol	103/140	AR32205	10/00 > 03/03	Manual	DAN502	- A/C	14	85
156 Sportwagon 1.8 16V T.SPARK (932B31)	Petrol	103/140	AR32205	10/00 > 03/03	Manual	DAN633	- A/C	14	85
156 Sportwagon 1.8 16V T.SPARK (932B31)	Petrol	103/140	AR32205	10/00 > 03/03	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
156 Sportwagon 1.8 16V T.SPARK (932B31)	Petrol	103/140	AR32205	10/00 > 03/03	Manual	DAN641	Belt pulley, 6 ribs, - A/C	14	85
156 Sportwagon 1.9 JTD (932B2)	Diesel	77/105	AR 32302	05/00 > 10/00	Manual, 5-speed	DAN502	+ v-ribbed belt pulley	12	100
156 Sportwagon 1.9 JTD (932B2B, 932B2C)	Diesel	85/115	937 A2.000	05/01 > 05/06		DAN513	+ belt pulley, air cooled	14	120
156 Sportwagon 1.9 JTD (932B2B)	Diesel	81/110	AR 37101	10/00 > 05/01		DAN502	+ v-ribbed belt pulley	12	100
156 Sportwagon 2.0 16V T.SPARK (932A2)	Petrol	114/155	AR32301	05/00 > 10/00	Manual	DAN502		14	100
156 Sportwagon 2.0 16V T.SPARK (932A2)	Petrol	114/155	AR32301	05/00 > 10/00	Manual	DAN641	Belt pulley, 6 ribs	14	100
156 Sportwagon 2.0 16V T.SPARK (932B21)	Petrol	110/150	AR32310	10/00 > 03/02	Manual	DAN502		14	100
156 Sportwagon 2.0 16V T.SPARK (932B21)	Petrol	110/150	AR32310	10/00 > 03/02	Manual	DAN641	Belt pulley, 6 ribs	14	100
156 Sportwagon 2.4 JTD (932B1)	Diesel	100/136	AR 32501	05/00 > 10/00	Manual, 5-speed	DAN502	+ v-ribbed belt pulley, ch.->1501771	12	100
156 Sportwagon 2.4 JTD (932B1)	Diesel	100/136	AR32501	05/00 > 10/00	Manual	DAN502	+ A/C	14	100

		KW/HP							Current (Amps)
ALFA ROMEO <i>continued</i>									
156 Sportwagon 2.4 JTD (932B1)	Diesel	100/136	AR32501	05/00 > 10/00	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
156 Sportwagon 2.4 JTD (932B1B)	Diesel	103/140	839 A6.000	10/00 > 05/06		DAN502	+ v-ribbed belt pulley	12	100
159 2.4 JTDM	Diesel	147/200	939 A3.000	09/05 >		DAN936	INA OWC pulley, 5 ribs	14	150
159 2.4 JTDM	Diesel	154/210	939 A9.000	07/07 >		DAN936	INA OWC pulley, 5 ribs	14	150
159 2.4 JTDM Q4	Diesel	154/210	939 A9.000	07/07 >		DAN936	INA OWC pulley, 5 ribs	14	150
159 3.2 JTS Q4	Petrol	191/260	939A.000	12/05 >	Manual	DAN935	Koyo OWC pulley, 6 ribs	14	150
159 Sportwagon 2.4 JTDM	Diesel	147/200	939 A3.000	03/06 >		DAN936	INA OWC pulley, 5 ribs	14	150
159 Sportwagon 2.4 JTDM Q4	Diesel	154/210	939 A9.000	09/07 >		DAN936	INA OWC pulley, 5 ribs	14	150
159 Sportwagon 3.2 JTS Q4	Petrol	191/260	939A.000	03/06 >	Manual	DAN935	Koyo OWC pulley, 6 ribs	14	150
166 2.0 T.Spark (936A3A)	Petrol	114/155	AR34103	09/98 > 06/00	Manual	DAN502	eng.->1385143	14	90, 100
166 2.0 T.Spark (936A3A)	Petrol	114/155	AR34103	09/98 > 06/00	Manual	DAN502	eng.->2835764	14	90, 100
166 2.0 T.Spark (936A3A)	Petrol	114/155	AR34103	09/98 > 06/00	Manual	DAN632	eng.->1385143	14	100, 105
166 2.0 T.Spark (936A3A)	Petrol	114/155	AR34103	09/98 > 06/00	Manual	DAN641	Belt pulley, eng.->1385143, 6 ribs	14	100
166 2.0 T.Spark (936A3A)	Petrol	114/155	AR34103	09/98 > 06/00	Manual	DAN641	Belt pulley, eng.->2835764, 6 ribs	14	100
166 2.0 T.Spark (936A3B)	Petrol	110/150	AR36301	10/00 >	Manual	DAN502	eng.->1385143	14	100
166 2.0 T.Spark (936A3B)	Petrol	110/150	AR36301	10/00 >	Manual	DAN632	eng.->1385143	14	100
166 2.0 T.Spark (936A3B)	Petrol	110/150	AR36301	10/00 >	Manual	DAN641	Belt pulley, eng.->1385143, 6 ribs	14	100
166 2.0 T.Spark (936A3B)	Petrol	110/150	AR36301	10/03 >	Manual	DAN502	eng.->2835764	14	100
166 2.0 T.Spark (936A3B)	Petrol	110/150	AR36301	10/03 >	Manual	DAN641	Belt pulley, eng.->2835764, 6 ribs	14	100
166 2.4 JTD (936A2A)	Diesel	100/136	AR 34202	10/99 > 06/00	Manual, 6-speed	DAN502	+ v-ribbed belt pulley	12	100
166 2.4 JTD (936A2A)	Diesel	100/136	AR34202	09/98 > 06/00	Manual	DAN502		14	100
166 2.4 JTD (936A2A)	Diesel	100/136	AR34202	09/98 > 06/00	Manual	DAN641	Belt pulley, 6 ribs	14	100
166 2.4 JTD (936A2B)	Diesel	103/140	839 A6.000	10/00 >		DAN502	+ v-ribbed belt pulley, + A/C	12	100
AR 8 Box 2.4 TD (280)	Diesel	68/92	8140.21.200 D.I.	09/86 > 12/89		DAN610		14	55
AR 8 Flatbed / Chassis 2.4 TD (280)	Diesel	68/92	8140.21.200 D.I.	09/86 > 12/88		DAN610		14	55
Brera 3.2 JTS	Petrol	191/260	939A.000	03/08 >		DAN935	Koyo OWC pulley, 6 ribs	14	150
Brera 3.2 JTS Q4	Petrol	191/260	939A.000	01/06 >		DAN935	Koyo OWC pulley, 6 ribs	14	150
GT 1.9 JTD	Diesel	110/150	937 A5.000	11/03 >		DAN501	+ belt pulley, air cooled	14	105
GT 1.9 JTD	Diesel	110/150	937A5.000(E4), 937A6.000	07/06 >	Manual	DAN501	ch.->C7377, + auto climate control, air cooled	14	120
GTV 1.8 16V (916C3)	Petrol	106/144	AR32201	05/98 >	Manual	DAN502	+ A/C	14	100
GTV 1.8 16V (916C3)	Petrol	106/144	AR32201	05/98 >	Manual	DAN502	- A/C	14	85
GTV 1.8 16V (916C3)	Petrol	106/144	AR32201	05/98 >	Manual	DAN633	- A/C	14	85
GTV 1.8 16V (916C3)	Petrol	106/144	AR32201	05/98 >	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
GTV 1.8 16V (916C3)	Petrol	106/144	AR32201	05/98 >	Manual	DAN641	Belt pulley, 6 ribs, - A/C	14	85
GTV 2.0 JTS (916C)	Petrol	121/165	AR32310	04/03 >	Manual	DAN502	eng.->2835764	14	100
GTV 2.0 JTS (916C)	Petrol	121/165	AR32310	04/03 >	Manual	DAN641	Belt pulley, eng.->2835764, 6 ribs	14	100
GTV 2.0 T.SPARK 16V (916.C2, 916C2C00)	Petrol	110/150	AR16201, AR32310	06/95 >	Manual	DAN502		14	100
GTV 2.0 T.SPARK 16V (916.C2, 916C2C00)	Petrol	110/150	AR16201, AR32310	06/95 >	Manual	DAN632		14	100
GTV 2.0 T.SPARK 16V (916.C2, 916C2C00)	Petrol	110/150	AR16201, AR32310	06/95 >	Manual	DAN641	Belt pulley, 6 ribs	14	100
GTV 2.0 T.SPARK 16V (916.C2, 916C2C00)	Petrol	110/150	AR32310	06/02 >	Manual	DAN502	eng.->2835764	14	100
GTV 2.0 T.SPARK 16V (916.C2, 916C2C00)	Petrol	110/150	AR32310	06/02 >	Manual	DAN641	Belt pulley, eng.->2835764, 6 ribs	14	100
GTV 2.0 T.SPARK 16V (916C2C)	Petrol	114/155	AR32301	05/98 > 08/00	Manual	DAN502		14	100

		kW/HP							Current (Amps)
ALFA ROMEO <i>continued</i>									
GTV 2.0 T.SPARK 16V (916C2C)	Petrol	114/155	AR32301	05/98 > 08/00	Manual	DAN502	eng.->1385143	14	100
GTV 2.0 T.SPARK 16V (916C2C)	Petrol	114/155	AR32301	05/98 > 08/00	Manual	DAN632	eng.->1385143	14	100
GTV 2.0 T.SPARK 16V (916C2C)	Petrol	114/155	AR32301	05/98 > 08/00	Manual	DAN641	Belt pulley, 6 ribs	14	100
GTV 2.0 T.SPARK 16V (916C2C)	Petrol	114/155	AR32301	05/98 > 08/00	Manual	DAN641	Belt pulley, eng.->1385143, 6 ribs	14	100
Spider 3.2 JTS	Petrol	191/260	939A.000	03/08 >	Manual	DAN935	Koyo OWC pulley, 6 ribs	14	150
Spider 3.2 JTS Q4	Petrol	191/260	939A.000	09/06 >		DAN935	Koyo OWC pulley, 6 ribs	14	150
Spider 1.8 16V (916S3)	Petrol	106/144	AR32201	05/98 > 02/03	Manual	DAN502	+ A/C	14	100
Spider 1.8 16V (916S3)	Petrol	106/144	AR32201	05/98 > 02/03	Manual	DAN502	- A/C	14	85
Spider 1.8 16V (916S3)	Petrol	106/144	AR32201	05/98 > 02/03	Manual	DAN633	- A/C	14	85
Spider 1.8 16V (916S3)	Petrol	106/144	AR32201	05/98 > 02/03	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
Spider 1.8 16V (916S3)	Petrol	106/144	AR32201	05/98 > 02/03	Manual	DAN641	Belt pulley, 6 ribs, - A/C	14	85
Spider 2.0 T.SPARK 16V (916S2B)	Petrol	114/155	AR32301	05/98 > 08/00	Manual	DAN502		14	100
Spider 2.0 T.SPARK 16V (916S2B)	Petrol	114/155	AR32301	05/98 > 08/00	Manual	DAN502	eng.->1385143	14	100
Spider 2.0 T.SPARK 16V (916S2B)	Petrol	114/155	AR32301	05/98 > 08/00	Manual	DAN632	eng.->1385143	14	100
Spider 2.0 T.SPARK 16V (916S2B)	Petrol	114/155	AR32301	05/98 > 08/00	Manual	DAN641	Belt pulley, 6 ribs	14	100
Spider 2.0 T.SPARK 16V (916S2B)	Petrol	114/155	AR32301	05/98 > 08/00	Manual	DAN641	Belt pulley, eng.->1385143, 6 ribs	14	100
Spider 2.0 T.SPARK 16V (916S2C00)	Petrol	110/150	AR32310	06/95 > 04/05	Manual	DAN502	eng.->2835764	14	100
Spider 2.0 T.SPARK 16V (916S2C00)	Petrol	110/150	AR32310	06/95 > 04/05	Manual	DAN641	Belt pulley, eng.->2835764, 6 ribs	14	100
Spider 2.0 T.SPARK 16V (916S2C00)	Petrol	110/150	AR32310	08/00 > 04/05	Manual	DAN632	eng.->1385143	14	100
Spider 2.0 T.SPARK 16V (916S2C00)	Petrol	110/150	AR32310	08/00 > 04/05	Manual	DAN641	Belt pulley, eng.->1385143, 6 ribs	14	100
AUTOBIANCHI									
A 112 0.9 Junior	Petrol	31/42	A112A200	07/75 > 08/85	Manual	DAN645		14	45
A 112 1.0 Abarth	Petrol	51/70	A112AB2C0	03/75 > 12/84	Manual	DAN645		14	45
A 112 1.0 E,Elite,LX	Petrol	35/48	A112B1000	12/77 > 08/85	Manual	DAN645		14	45
Y10 1.0	Petrol	33/45	156A2.000	05/85 >	Manual	DAN605		14	45
Y10 1.0	Petrol	33/45	156A2.246	05/85 >	Manual	DAN574		14	55
Y10 1.0 4WD	Petrol	37/50	156A3.000	12/86 >	Manual	DAN605		14	45
Y10 1.0 CAT	Petrol	33/45	156A2.000	10/87 >	Manual	DAN605		14	45
Y10 1.0 CAT	Petrol	33/45	156A2.246	10/87 >	Manual	DAN574		14	55
Y10 1.1	Petrol	42/57	156C.046	07/89 >		DAN574		14	55
Y10 1.1	Petrol	42/57	156C.046	07/89 >	Automatic	DAN575		14	55
Y10 1.1 4WD	Petrol	42/57	156C.000	07/89 >	Manual	DAN574		14	55
Y10 1.1 i.e. CAT	Petrol	42/57	156C.046	09/90 >		DAN574		14	55
Y10 1.1 i.e. CAT	Petrol	42/57	156C.046	09/90 >	Automatic	DAN575		14	55
CITROËN									
C2 1.1 (JM)	Petrol	44/60	HFX (TU1JP)	09/03 >		DAN515	+ belt pulley Ø:48mm	14	90
C3 1.1	Petrol	44/60		11/09 >		DAN515	+ belt pulley Ø:48mm	14	90
C3 1.1 i (FC)	Petrol	44/60	HFX (TU1JP)	02/02 >		DAN515	+ belt pulley Ø:48mm	14	90
C3 1.6 16V (FC)	Petrol	80/109	NFU (TU5JP4)	02/02 >		DAN515	+ belt pulley Ø:48mm	14	90
C3 Pluriel 1.6 (HB)	Petrol	80/109	NFU (TU5JP4)	05/03 >		DAN515	+ belt pulley Ø:48mm	14	90
C4 1.6 16V (LC)	Petrol	80/109	NFU (TU5JP4)	11/04 >		DAN515	+ belt pulley Ø:48mm	14	90
Xsara 1.4 HDi (N1)	Diesel	50/68	8HX (DV4TD)	01/03 > 03/05		DAN515	+ belt pulley Ø:48mm	14	90
DAIHATSU									
Applause I 1.6 16V (A101)	Petrol	77/105	HD-E(105)	06/89 > 07/97	Manual	DAN969		14	60
Applause I 1.6 16V 4WD (A111)	Petrol	77/105	HD-E(105)	09/89 > 09/94	Manual	DAN969		14	60
Applause II 1.6 16V	Petrol	73/99	HD-E(105)	09/97 >	Manual	DAN969		14	60
Charade IV 1.3 (G200, G202)	Petrol	44/60	HC-U	07/97 > 10/99	Manual	DAN971		14	50
Charade IV 1.3 (G200, G202)	Petrol	62/84	HC-E	12/99 > 03/01	Automatic	DAN970		14	70
Charade IV 1.3 (G200, G202)	Petrol	62/84	HC-E	12/99 > 06/00	Automatic	DAN972		14	
Charade IV 1.3 (G200, G202)	Petrol	62/84	HC-E, HC-U	12/99 > 03/01	Manual	DAN971		14	50
Charade IV 1.3 16V (G200, G202)	Petrol	55/75	HC-U	05/96 > 11/99	Manual	DAN971		14	50
Charade IV 1.3 16V (G200, G202)	Petrol	62/84	HC-E	03/93 > 11/99	Automatic	DAN970		14	70
Charade IV 1.3 16V (G200, G202)	Petrol	62/84	HC-E	03/93 > 11/99	Automatic	DAN972		14	
Charade IV 1.3 16V (G200, G202)	Petrol	62/84	HC-E, HC-U	03/93 > 11/99	Manual	DAN971		14	50
Charade IV 1.5 16V (G200, G202)	Petrol	66/90	HEE	01/97 > 11/99		DAN970		14	70
Charade IV 1.5 16V (G200, G202)	Petrol	66/90	HEE	01/97 > 11/99	Manual	DAN971		14	50
Charade IV Saloon 1.5 16V (G203)	Petrol	66/90	HEE	08/94 >		DAN970		14	70
Charade IV Saloon 1.5 16V (G203)	Petrol	66/90	HEE	08/94 >	Manual	DAN971		14	50
Copen 0.7	Petrol	50/68	JB-DET	09/03 >	Manual	DAN975		14	65
Copen 1.3	Petrol	64/87	K3-VE	03/06 >	Manual	DAN976		14	70
Cuore III 1.0 (L201)	Petrol	43/58	E4, EJ-VE	04/03 >		DAN973		14	60

		KW/HP							Current (Amps)
DAIHATSU <i>continued</i>									
Cuore VI 1.0 i (L701)	Petrol	41/56	EJ-DE	10/98 > 06/00		DAN974		14	60
Cuore VI 1.0 i (L701)	Petrol	41/56	EJ-DE, EJ-VE	07/00 > 03/03		DAN973		14	60
Cuore VII 1.0 (L251)	Petrol	43/58	E4, EJ-VE	05/03 >		DAN973		14	60
Extol Bus 1.3 (S22, S23)	Petrol	63/86	K3-VE	06/04 >		DAN978		12	
Feroza Hard Top 1.6 16V (F300)	Petrol	63/86	HD-C	10/88 >	Manual	DAN969		14	60
Feroza Hard Top 1.6 i 16V (F300)	Petrol	70/95	HD-E(95)	10/88 >	Manual	DAN969		14	60
Feroza Soft Top 1.6 16V (F300)	Petrol	63/86	HD-C	10/88 >	Manual	DAN969		14	60
Feroza Soft Top 1.6 i 16V (F300)	Petrol	70/95	HD-E(95)	10/88 >	Manual	DAN969		14	60
Gran Move 1.6 16V (G301)	Petrol	67/91	HD-EP	06/98 >		DAN970		14	70
Gran Move 1.6 16V (G301)	Petrol	67/91	HD-EP	06/98 >	Automatic	DAN972		14	
Gran Move 1.6 16V (G301)	Petrol	67/91	HD-EP	06/98 >	Manual	DAN971		14	50
Gran Move 1.6 GX (G3)	Petrol	67/91	HD-EP	06/98 > 07/02		DAN970		14	70
Gran Move 1.6 GX (G3)	Petrol	67/91	HD-EP	06/98 > 07/02	Automatic	DAN972		14	
Gran Move 1.6 GX (G3)	Petrol	67/91	HD-EP	06/98 > 07/02	Manual	DAN971		14	50
Hijet I Box 0.8	Petrol	29/39	CD	07/86 > 12/89	Manual	DAN968		14	40
Hijet I Box 1.0	Petrol	33/45	CB	07/86 > 12/89	Manual	DAN968		14	40
Hijet I Box 1.0 4x4	Petrol	33/45	CB	07/86 > 10/90	Manual	DAN968		14	40
Hijet II Box 1.0 (S85)	Petrol	33/45	CB41	12/92 > 09/94	Manual	DAN968		14	40
Hijet Pickup 0.8 (U20)	Petrol	29/39	CD	07/86 > 10/90	Manual	DAN968		14	40
Hijet Pickup 1.0 Touring (U20)	Petrol	33/45	CB	07/86 > 10/90	Manual	DAN968		14	40
Hijet Pickup 1.0 Touring 4x4 (U20)	Petrol	33/45	CB	07/86 > 10/90	Manual	DAN968		14	40
Materia 1.3 (M4)	Petrol	67/91	K3-VE(92)	10/06 >		DAN980		14	
Materia 1.5 (M4)	Petrol	76/103	3SZ-VE(103)	10/06 >		DAN979		12	
Materia 1.5 ECO 4WD (M4)	Petrol	76/103	3SZ-VE(103)	10/06 >	Manual	DAN979		12	
Move 1.0 i (L6, L9)	Petrol	41/55	EJ-DE	08/00 >		DAN974		14	60
Move 1.0 i (L6, L9)	Petrol	41/55	EJ-VE	07/00 >		DAN973		14	60
Sirion 1.0 (M1)	Petrol	40/54	EJ-DE	04/98 > 05/00	Automatic	DAN974		14	60
Sirion 1.0 (M1)	Petrol	40/54	EJ-DE	04/98 > 05/00	Manual	DAN973		14	60
Sirion 1.0 i (M1)	Petrol	43/58	EJ-VE	09/00 > 01/05	Manual, 5-speed	DAN973		14	60
Sirion 1.0 i (M100)	Petrol	41/56	EJ-DE	04/98 > 05/00	Automatic	DAN974		14	60
Sirion 1.0 i (M100)	Petrol	41/56	EJ-DE	04/98 > 05/00	Manual	DAN973		14	60
Sirion 1.0 i 4WD (M1)	Petrol	41/56	EJ-DE	04/99 > 05/00	Automatic	DAN974		14	60
Sirion 1.0 i 4WD (M1)	Petrol	41/56	EJ-DE	04/99 > 05/00	Manual	DAN973		14	60
Sirion 1.0 i 4WD (M1)	Petrol	43/58	EJ-VE	09/00 > 01/05	Manual, 5-speed	DAN973		14	60
Sirion 1.3 GTV-i (M101)	Petrol	75/102	102e2, K3-VE	02/01 > 01/05		DAN976		14	70
Sirion 1.3 Sport (M1)	Petrol	75/102	102e2, K3-VE	08/00 > 01/05	Manual/ Automatic	DAN976		14	70
Sirion 1.3 Sport 4WD (M1)	Petrol	75/102	102e2, K3-VE	11/02 > 01/05		DAN976		14	70
Sirion 1.0 (M3)	Petrol	51/70	1KR-FE	02/05 >	Manual	DAN977		14	70
Sirion 1.3 4WD (M3)	Petrol	64/87	K3-VE	04/05 >		DAN977		14	70
Sirion 1.5 (M3)	Petrol	76/103	3SZ-VE(103)	03/08 >		DAN979		12	
Terios 1.3 (J1)	Petrol	63/86	K3-VE	09/01 > 09/02		DAN976		14	70
Terios 1.3 4WD (J1)	Petrol	63/86	K3-VE	10/00 > 10/05		DAN976		14	70
Terios 1.3 DVVT 4x4 (J2)	Petrol	63/86	K3-VE	05/06 >	Manual	DAN976		14	70
Terios 1.5 (J2)	Petrol	77/105	3SZ-VE	05/06 >		DAN976		14	70
Terios 1.5 4WD (J2)	Petrol	77/105	3SZ-VE	05/06 >		DAN976		14	70
Travis 1.0	Petrol	43/58	E4, EJ-VE	09/06 >		DAN973		14	60
YRV 1.0 (M2)	Petrol	43/58	EJ-VE	02/01 >	Manual	DAN973		14	60
YRV 1.3 (M2)	Petrol	64/87	K3-VE	02/01 >	Manual/ Automatic	DAN976		14	70
YRV 1.3 4WD (M2)	Petrol	64/87	K3-VE	02/01 >	Manual/ Automatic	DAN976		14	70
YRV 1.3 GTi (M2)	Petrol	95/129	K3-VT	07/02 >	Automatic	DAN976		14	70
FIAT									
126 0.7 700	Petrol	19/26	126 A2.000, 126 A2.048	09/87 > 06/96		DAN616		12	55
127 0.9	Petrol	33/45	127GL.000	06/73 > 05/83		DAN645		14	45
127 1.0	Petrol	37/50	127 A.000	04/77 > 12/86		DAN616		12	55
127 Panorama 1.0	Petrol	37/50	127 A.000	01/77 > 12/86		DAN616		12	55
131 1.3 Mirafiori	Petrol	40/54	131 A6.000	10/74 > 07/80		DAN610		14	55
131 1.4 Mirafiori	Petrol	51/70	131 C.000, 131 C1.000	11/80 > 01/84		DAN610		14	55
131 1.4 Super Mirafiori	Petrol	55/75	131 C1.000	04/81 > 12/83		DAN610		14	55
131 1.6 (S)	Petrol	55/75	131 A1.000	10/74 > 07/80		DAN610		14	55
500 1.2	Petrol	51/69	169 A4.000	10/07 >		DAN519		12	90
500 1.4	Petrol	74/100	169 A3.000	10/07 >		DAN519		12	90









		kW/HP							Current (Amps)
FIAT continued									
Barchetta 1.8 16V (183)	Petrol	96/130	183 A1.000, 188 A6.000	04/95 >		DAN502	+ v-ribbed belt pulley	12	100
Barchetta 1.8 16V (183)	Petrol	96/130	183A1.000	04/95 >	Manual	DAN502	+ A/C	14	100
Barchetta 1.8 16V (183)	Petrol	96/130	183A1.000	04/95 >	Manual	DAN502	+ A/C	14	85
Barchetta 1.8 16V (183)	Petrol	96/130	183A1.000	04/95 >	Manual	DAN633	+ A/C	14	85
Barchetta 1.8 16V (183)	Petrol	96/130	183A1.000	04/95 >	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
Barchetta 1.8 16V (183)	Petrol	96/130	183A1.000	04/95 >	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	85
Barchetta 1.8 16V (183)	Petrol	96/130	183A1.000, 188A6.000	04/95 >	Manual	DAN502	+ A/C	14	100
Barchetta 1.8 16V (183)	Petrol	96/130	183A1.000, 188A6.000	04/95 >	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
Brava 1.2 16V 80 (182)	Petrol	60/82	182B2.000	12/98 > 08/00	Manual	DAN629	+ A/C	14	90
Brava 1.2 16V 80 (182)	Petrol	60/82	182B2.000	12/98 > 08/00	Manual	DAN629	eng.->150412, + A/C	14	85
Brava 1.4 12 V (182.BA)	Petrol	59/80	182A3.000	10/95 > 08/98	Manual	DAN636	+ power steering	14	75
Brava 1.4 12 V (182.BA)	Petrol	59/80	182A3.000	10/95 > 08/98	Manual	DAN636	eng.->0130748, + power steering	14	75
Brava 1.6 16V (182.BB)	Petrol	76/103	182A4.000	02/96 > 08/01		DAN525	eng.->124028, - A/C	14	75
Brava 1.6 16V (182.BH)	Petrol	66/90	182A6.000	10/95 > 10/01	Manual	DAN525		14	75
Brava 1.8 GT 16V (182.BC)	Petrol	83/113	182 A2.000	10/95 > 08/01		DAN502	+ v-ribbed belt pulley, ch.->429294, + A/C	12	100
Brava 1.8 GT 16V (182.BC)	Petrol	83/113	182A2.000	10/95 > 08/01	Manual	DAN502	+ A/C	14	85
Brava 1.8 GT 16V (182.BC)	Petrol	83/113	182A2.000	10/95 > 08/01	Manual	DAN632	eng.->429294, + A/C	14	105
Brava 1.8 GT 16V (182.BC)	Petrol	83/113	182A2.000	10/95 > 08/01	Manual	DAN633	+ A/C	14	85
Brava 1.8 GT 16V (182.BC)	Petrol	83/113	182A2.000	10/95 > 08/01	Manual	DAN634	eng.->429294, + A/C	14	105
Brava 1.8 GT 16V (182.BC)	Petrol	83/113	182A2.000	10/95 > 08/01	Manual	DAN636		14	75
Brava 1.8 GT 16V (182.BC)	Petrol	83/113	182A2.000	10/95 > 08/01	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	85
Brava 1.8 GT 16V (182.BC)	Petrol	83/113	182A2.000	10/95 > 08/01	Manual	DAN643	eng.->429294, + A/C	14	105
Brava 1.9 D (182)	Diesel	48/65	160A7.000	10/95 > 05/97	Manual	DAN628	+ A/C	14	85
Brava 1.9 JTD (182)	Diesel	74/100	182A7.000	09/00 > 10/01	Manual	DAN632	eng.->1043095, + A/C	14	105
Brava 1.9 JTD (182)	Diesel	74/100	182A7.000	09/00 > 10/01	Manual	DAN634	eng.->1043095, + A/C	14	105
Brava 1.9 JTD (182)	Diesel	74/100	182A7.000	09/00 > 10/01	Manual	DAN643	eng.->1043095, + A/C	14	105
Brava 1.9 JTD 105 (182)	Diesel	77/105	182 B4.000	12/98 > 08/00	Manual, 5-speed	DAN501	+ belt pulley, air cooled	14	105
Brava 1.9 JTD 105 (182)	Diesel	77/105	182 B4.000	12/98 > 08/00	Manual, 5-speed	DAN502	+ v-ribbed belt pulley, - A/C	12	90, 100
Brava 1.9 JTD 105 (182)	Diesel	77/105	182B4.000	12/98 > 08/00	Manual	DAN502	- A/C	14	90, 100
Brava 1.9 JTD 105 (182)	Diesel	77/105	182B4.000	12/98 > 08/00	Manual	DAN502	eng.->1199498, + A/C	14	90, 100
Brava 1.9 JTD 105 (182)	Diesel	77/105	182B4.000	12/98 > 08/00	Manual	DAN633	- A/C	14	85
Brava 1.9 JTD 105 (182)	Diesel	77/105	182B4.000	12/98 > 08/00	Manual	DAN641	Belt pulley, eng.->1199498, 6 ribs, + A/C	14	100
Brava 1.9 JTD 105 (182)	Diesel	77/105	182B4.000	12/98 > 08/00	Manual	DAN641	Belt pulley, 6 ribs, - A/C	14	85
Brava 1.9 TD 100 S (182.BF)	Diesel	74/100	182A7.000	09/96 > 10/01	Manual	DAN632	eng.->1043095, + A/C	14	105
Brava 1.9 TD 100 S (182.BF)	Diesel	74/100	182A7.000	09/96 > 10/01	Manual	DAN634	eng.->1043095, + A/C	14	105
Brava 1.9 TD 100 S (182.BF)	Diesel	74/100	182A7.000	09/96 > 10/01	Manual	DAN643	eng.->1043095, + A/C	14	105
Brava 1.9 TD 75 S (182.BF)	Diesel	55/75	182A8.000	09/96 > 08/01	Manual	DAN632	eng.->1043095, + A/C	14	105
Brava 1.9 TD 75 S (182.BF)	Diesel	55/75	182A8.000	09/96 > 08/01	Manual	DAN634	eng.->1043095, + A/C	14	105
Brava 1.9 TD 75 S (182.BF)	Diesel	55/75	182A8.000	09/96 > 08/01	Manual	DAN643	eng.->1043095, + A/C	14	105
Bravo 1.4	Petrol	66/90	192B2.000	04/07 >	Manual	DAN599	V-Belt pulley, 5 ribs, + auto climate control	14	105
Bravo 1.9 D Multijet	Diesel	110/150	937A5.000	04/07 >	Manual	DAN506		14	70
Bravo 1.9 D Multijet	Diesel	110/150	937A5.000	04/07 >	Manual	DAN513	Air cooled	14	70
Bravo 1.2 16V 80 (182)	Petrol	60/82	182B2.000	12/98 > 08/00	Manual	DAN629	+ A/C	14	90
Bravo 1.2 16V 80 (182)	Petrol	60/82	182B2.000	12/98 > 08/00	Manual	DAN629	eng.->150412, + A/C	14	85
Bravo 1.4 (182.AA)	Petrol	59/80	182A3.000	10/95 > 08/98	Manual	DAN636	+ power steering	14	75
Bravo 1.4 (182.AA)	Petrol	59/80	182A3.000	10/95 > 08/98	Manual	DAN636	eng.->0130748, + power steering	14	75
Bravo 1.4 (182.AG)	Petrol	55/75	182A5.000	10/95 > 02/97	Manual	DAN636	+ power steering	14	75
Bravo 1.4 (182.AG)	Petrol	55/75	182A5.000	10/95 > 02/97	Manual	DAN636	eng.->0130748, + power steering	14	75
Bravo 1.6 16V (182.AB)	Petrol	76/103	182A4.000	03/96 > 08/01		DAN525	eng.->124028, - A/C	14	75
Bravo 1.6 16V (182.AH)	Petrol	66/90	182A6.000	10/95 > 10/01	Manual	DAN525	eng.->124028	14	75
Bravo 1.8 GT (182.AC)	Petrol	83/113	182 A2.000	11/96 > 08/01		DAN502	+ v-ribbed belt pulley, ch.->2054	12	100
Bravo 1.8 GT (182.AC)	Petrol	83/113	182A2.000	11/96 > 08/01	Manual	DAN502	eng.->2023566, + A/C	14	85






		KW/HP							Current (Amps)
FIAT continued									
Bravo 1.8 GT (182.AC)	Petrol	83/113	182A2.000	11/96 > 08/01	Manual	DAN632	eng.->429294	14	105
Bravo 1.8 GT (182.AC)	Petrol	83/113	182A2.000	11/96 > 08/01	Manual	DAN633	eng.->2023566, + A/C	14	85
Bravo 1.8 GT (182.AC)	Petrol	83/113	182A2.000	11/96 > 08/01	Manual	DAN634	eng.->429294	14	105
Bravo 1.8 GT (182.AC)	Petrol	83/113	182A2.000	11/96 > 08/01	Manual	DAN636	- A/C	14	75
Bravo 1.8 GT (182.AC)	Petrol	83/113	182A2.000	11/96 > 08/01	Manual	DAN641	Belt pulley, eng.->2023566, 6 ribs, + A/C	14	85
Bravo 1.8 GT (182.AC)	Petrol	83/113	182A2.000	11/96 > 08/01	Manual	DAN643	eng.->429294	14	105
Bravo 1.9 D (182)	Diesel	48/65	160A7.000	10/95 > 05/97	Manual	DAN628	+ A/C	14	85
Bravo 1.9 JTD (182)	Diesel	74/100	182A7.000	09/00 > 10/01	Manual	DAN632	+ A/C	14	100
Bravo 1.9 JTD (182)	Diesel	74/100	182A7.000	09/00 > 10/01	Manual	DAN632	+ A/C	14	105
Bravo 1.9 JTD (182)	Diesel	74/100	182A7.000	09/00 > 10/01	Manual	DAN634	+ A/C	14	105
Bravo 1.9 JTD (182)	Diesel	74/100	182A7.000	09/00 > 10/01	Manual	DAN643	+ A/C	14	105
Bravo 1.9 JTD (182)	Diesel	74/100	182B9.000	12/00 > 10/01	Manual	DAN501	- A/C, air cooled	14	120
Bravo 1.9 JTD 105 (182)	Diesel	77/105	182 B4.000	12/98 > 08/00	Manual, 5-speed	DAN501	+ belt pulley, air cooled	14	105
Bravo 1.9 JTD 105 (182)	Diesel	77/105	182 B4.000	12/98 > 08/00	Manual, 5-speed	DAN502	+ v-ribbed belt pulley, - A/C	12	90, 100
Bravo 1.9 JTD 105 (182)	Diesel	77/105	182B4.000	12/98 > 08/00	Manual	DAN502	eng.->1199498, + A/C	14	90, 100
Bravo 1.9 JTD 105 (182)	Diesel	77/105	182B4.000	12/98 > 08/00	Manual	DAN502	eng.->1270131, - A/C	14	90, 100
Bravo 1.9 JTD 105 (182)	Diesel	77/105	182B4.000	12/98 > 08/00	Manual	DAN633	eng.->1270131, - A/C	14	85
Bravo 1.9 JTD 105 (182)	Diesel	77/105	182B4.000	12/98 > 08/00	Manual	DAN641	Belt pulley, eng.->1199498, 6 ribs, + A/C	14	100
Bravo 1.9 JTD 105 (182)	Diesel	77/105	182B4.000	12/98 > 08/00	Manual	DAN641	Belt pulley, eng.->1270131, 6 ribs, - A/C	14	85
Bravo 1.9 TD 100 S (182.AF)	Diesel	74/100	182A7.000	09/96 > 10/01	Manual	DAN632	+ A/C	14	100
Bravo 1.9 TD 100 S (182.AF)	Diesel	74/100	182A7.000	09/96 > 10/01	Manual	DAN632	+ A/C	14	105
Bravo 1.9 TD 100 S (182.AF)	Diesel	74/100	182A7.000	09/96 > 10/01	Manual	DAN634	+ A/C	14	105
Bravo 1.9 TD 100 S (182.AF)	Diesel	74/100	182A7.000	09/96 > 10/01	Manual	DAN643	+ A/C	14	105
Bravo 1.9 TD 100 S (182.AF)	Diesel	74/100	182B9.000	12/00 > 10/01	Manual	DAN501	- A/C, air cooled	14	120
Bravo 1.9 TD 75 S (182.AF)	Diesel	55/75	182A8.000	09/96 > 08/01	Manual	DAN632	+ A/C	14	100
Bravo 1.9 TD 75 S (182.AF)	Diesel	55/75	182A8.000	09/96 > 08/01	Manual	DAN632	+ A/C	14	105
Bravo 1.9 TD 75 S (182.AF)	Diesel	55/75	182A8.000	09/96 > 08/01	Manual	DAN634	+ A/C	14	105
Bravo 1.9 TD 75 S (182.AF)	Diesel	55/75	182A8.000	09/96 > 08/01	Manual	DAN643	+ A/C	14	105
Cinquecento 0.9 (170AB)	Petrol	30/41	170A1.046	07/91 > 12/93	Manual	DAN618	- A/C	14	55
Cinquecento 0.9 i.e. (170AC)	Petrol	30/41	170A1.046	07/91 > 12/93	Manual	DAN618	- A/C	14	55
Cinquecento 0.9 i.e. S (170AF, 170CF)	Petrol	29/40	1170A1.04, 1170A1.046	07/91 > 07/98	Manual	DAN618	- A/C	14	55
Cinquecento 1.1 Sporting (170AH)	Petrol	40/54	176B2.000	10/94 > 01/98	Manual	DAN575	eng.->6996084, - A/C	14	55
Coupe 1.8 16V (FA/175)	Petrol	96/131	183 A1.000	08/97 > 08/00		DAN502	+ v-ribbed belt pulley, + A/C	12	85, 100
Coupe 1.8 16V (FA/175)	Petrol	96/131	183A1.000	03/96 > 08/00	Manual	DAN502	eng.->02023566, +/- A/C	14	85
Coupe 1.8 16V (FA/175)	Petrol	96/131	183A1.000	03/96 > 08/00	Manual	DAN632	+ A/C	14	100
Coupe 1.8 16V (FA/175)	Petrol	96/131	183A1.000	03/96 > 08/00	Manual	DAN632	+ A/C	14	105
Coupe 1.8 16V (FA/175)	Petrol	96/131	183A1.000	03/96 > 08/00	Manual	DAN633	eng.->02023566, +/- A/C	14	85
Coupe 1.8 16V (FA/175)	Petrol	96/131	183A1.000	03/96 > 08/00	Manual	DAN634	+ A/C	14	105
Coupe 1.8 16V (FA/175)	Petrol	96/131	183A1.000	03/96 > 08/00	Manual	DAN636		14	75
Coupe 1.8 16V (FA/175)	Petrol	96/131	183A1.000	03/96 > 08/00	Manual	DAN641	Belt pulley, eng.->02023566, 6 ribs, +/- A/C	14	85
Coupe 1.8 16V (FA/175)	Petrol	96/131	183A1.000	03/96 > 08/00	Manual	DAN643	+ A/C	14	105
Croma 1.6 1600 (154)	Petrol	61/83	154A.000, 154A.048	08/86 > 12/90	Manual	DAN611	Alternative	14	65
Croma 1.6 1600 (154)	Petrol	61/83	154A.000, 154A.048	08/86 > 12/90	Manual	DAN615		14	65
Croma 2.0 2000 CHT (154)	Petrol	74/100	154C5.000	03/91 > 09/92		DAN615		14	65
Croma 2.0 2000 CHT (154.AC)	Petrol	66/90	154A1.000	08/86 > 02/89	Manual	DAN611		14	65
Croma 2.0 2000 CHT (154.AC)	Petrol	66/90	154A1.000	08/86 > 02/89	Manual	DAN615		14	65
Croma 2.0 2000 i.e. (154.AD)	Petrol	88/120	834B.000	03/87 > 09/92	Manual	DAN611		14	65
Croma 2.0 2000 i.e. (154.AD)	Petrol	88/120	834B.000	03/87 > 09/92	Manual	DAN615		14	65
Croma 2.0 2000 i.e. (154.AM, 154.LM)	Petrol	85/116	154C3.000, 154C3.046	10/87 > 08/96	Manual	DAN615		14	65
Croma 2.0 2000 i.e. Turbo (154.AM)	Petrol	114/155	154A2.000	12/85 > 06/90	Manual	DAN611		14	65
Croma 2.0 2000 i.e. Turbo (154.AM)	Petrol	114/155	154A2.000	12/85 > 06/90	Manual	DAN615		14	65
Croma 2.0 2000 i.e. Turbo (154.AM, 154.LM)	Petrol	110/150	154C4.000	06/87 > 08/96	Manual	DAN615		14	65

		kW/HP							Current (Amps)
FIAT continued									
Croma 1.9 D Multijet (194)	Diesel	110/150	939A2.000, 939A2.000(150), F(150)	01/06 >		DAN506		14	70
Croma 1.9 D Multijet (194)	Diesel	110/150	939A2.000, 939A2.000(150), F(150)	01/06 >		DAN513	Air cooled	14	70
Croma 1.9 D Multijet (194)	Diesel	88/120	939A1.000(120)	01/06 >	Manual	DAN506		14	70
Croma 1.9 D Multijet (194)	Diesel	88/120	939A1.000(120)	01/06 >	Manual	DAN513	Air cooled	14	70
Croma 2.4 D Multijet (194)	Diesel	147/200	939 A3.000	06/05 >		DAN936	INA OWC pulley, 5 ribs	14	150
Doblo 1.2 (223AXA1A)	Petrol	48/65	223A5.000	01/04 >	Manual	DAN630	eng.->714685, + power steering	14	70
Doblo 1.2 (223AXA1A)	Petrol	48/65	223A5.000	03/01 >	Manual	DAN511	+ A/C	14	100
Doblo 1.2 (223AXA1A)	Petrol	48/65	223A5.000	03/01 >	Manual	DAN630	+ power steering	14	65
Doblo 1.2 (223AXA1A)	Petrol	48/65	223A5.000	03/01 >	Manual	DAN630	eng.->714685, + power steering	14	65
Doblo 1.3 D Multijet (119)	Diesel	62/84	223A9.000(85)	01/06 >	Manual	DAN501	Air cooled	14	120
Doblo 1.9 D (223AXB1A)	Diesel	46/63	223 A6.000	03/01 >		DAN502	+ v-ribbed belt pulley	12	100
Doblo 1.9 D (223AXB1A)	Diesel	46/63	223A6.000	03/01 >	Manual	DAN501	+ A/C, air cooled, for dusty conditions	14	120
Doblo 1.9 D (223AXB1A)	Diesel	46/63	223A6.000	03/01 >	Manual	DAN640	- A/C	14	65
Doblo 1.9 D Multijet (119)	Diesel	88/120	186A9.000(120)	01/06 >	Manual	DAN501	Air cooled	14	120
Doblo 1.9 JTD (119)	Diesel	77/105	223 A7.000, 223 B1.000	07/03 >		DAN501	+ belt pulley, air cooled	14	105
Doblo 1.9 JTD (119)	Diesel	77/105	223A7.000, 223B1.000(105)	09/05 >	Manual	DAN501	Air cooled	14	120
Doblo 1.9 JTD (223AXE1A)	Diesel	74/100	182 B9.000, 223 B2.000	10/01 >		DAN501	+ belt pulley, air cooled	14	105
Doblo 1.9 JTD (223AXE1A)	Diesel	74/100	223B2.000(100)	01/06 >	Manual	DAN501	+ A/C, air cooled	14	120
Doblo Cargo 1.2 (223ZXA1A)	Petrol	48/65	223A5.000	01/04 >	Manual	DAN630	eng.->714685, + power steering	14	70
Doblo Cargo 1.2 (223ZXA1A)	Petrol	48/65	223A5.000	03/01 >	Manual	DAN511	+ A/C	14	100
Doblo Cargo 1.2 (223ZXA1A)	Petrol	48/65	223A5.000	03/01 >	Manual	DAN630	+ power steering	14	65
Doblo Cargo 1.2 (223ZXA1A)	Petrol	48/65	223A5.000	03/01 >	Manual	DAN630	eng.->714685	14	65
Doblo Cargo 1.9 D (223ZXB1A)	Diesel	46/63	223 A6.000	03/01 >		DAN502	+ v-ribbed belt pulley	12	100
Doblo Cargo 1.9 D (223ZXB1A)	Diesel	46/63	223A6.000	01/04 >	Manual	DAN501	+ A/C, air cooled, for dusty conditions	14	120
Doblo Cargo 1.9 D (223ZXB1A)	Diesel	46/63	223A6.000	03/01 >	Manual	DAN640		14	65
Doblo Cargo 1.9 JTD (223)	Diesel	77/105	223A7.000, 223B1.000(105)	09/05 >	Manual	DAN501	+ A/C, air cooled	14	120
Doblo Cargo 1.9 JTD (223ZXE1A)	Diesel	74/100	223B2.000(100)	01/06 >	Manual	DAN501	+ A/C, air cooled	14	120
Ducato Box 1.9 TD (230L)	Diesel	60/82	230 A3.000	03/94 > 04/02		DAN641	Belt pulley, 6 ribs	12	120
Ducato Box 1.9 TD (230L)	Diesel	66/90	DHX (XUD9TF/L)	04/98 > 04/02		DAN641	Belt pulley, 6 ribs	12	120
Ducato Box 1.9 TD CAT (230L)	Diesel	59/80	230 A4.000	08/94 > 04/02		DAN641	Belt pulley, 6 ribs	12	120
Ducato Bus 1.9 TD (230)	Diesel	66/90	DHX (XUD9TF/L)	04/98 > 04/02		DAN641	Belt pulley, 6 ribs	12	120
Ducato Bus 1.9 TD Combinato (230)	Diesel	59/80	230 A4.000	08/94 > 04/02		DAN641	Belt pulley, 6 ribs	12	120
Ducato Bus 1.9 TD Panorama/ Combinato (230)	Diesel	60/82	230 A3.000	03/94 > 04/02		DAN641	Belt pulley, 6 ribs	12	120
Ducato Flatbed / Chassis 1.9 TD (230)	Diesel	60/82	230 A3.000	03/94 > 04/02		DAN641	Belt pulley, 6 ribs	12	120
Ducato Flatbed / Chassis 1.9 TD (230)	Diesel	66/90	DHX (XUD9TF/L)	04/98 > 04/02		DAN641	Belt pulley, 6 ribs	12	120
Fiorino Box 1.7 65 TD (146 Uno)	Diesel	46/63	146D7.000	01/97 > 09/00	Manual	DAN624	+ A/C	14	100
Fiorino Pickup 1.7 TD (146)	Diesel	46/63	146D7.000	01/97 > 09/00	Manual	DAN624	+ A/C	14	100
Grande Punto 1.2 (199)	Petrol	48/65	199 A4.000	10/05 >		DAN517	+ belt pulley, air cooled	14	70
Grande Punto 1.4 (199)	Petrol	57/77	350 A1.000	10/05 >		DAN517	+ belt pulley, air cooled	14	70
Grande Punto 1.4 16V (199)	Petrol	70/95	199 A6.000	10/05 >		DAN517	+ belt pulley, air cooled	14	70
Grande Punto 1.9 D Multijet (199)	Diesel	88/120	939A1.000(120), 939A7.000(115)	10/05 >	Manual	DAN506		14	70
Grande Punto 1.9 D Multijet (199)	Diesel	88/120	939A1.000(120), 939A7.000(115)	10/05 >	Manual	DAN513	Air cooled	14	70
Grande Punto 1.9 D Multijet (199)	Diesel	96/130	199A5.000	10/05 >	Manual	DAN506		14	70
Grande Punto 1.9 D Multijet (199)	Diesel	96/130	199A5.000	10/05 >	Manual	DAN513	Air cooled	14	70
Idea 1.2 16V	Petrol	59/80	188 A5.000	01/04 >		DAN519		12	90
Idea 1.4 16V	Petrol	70/95	843 A1.000	01/04 >		DAN519		12	90
Idea 1.9 JTD	Diesel	74/101	188 B2.000	01/04 >		DAN501	+ belt pulley, air cooled	14	105

		KW/HP							Current (Amps)
FIAT continued									
Idea 1.9 JTD	Diesel	74/101	188B2.000(E4)	06/07 >	Manual	DAN501	+ auto climate control, air cooled	14	120
Linea 1.4	Petrol	57/77	350 A1.000	06/07 >		DAN519		12	90
Linea 1.4	Petrol	57/77	350A1.000(77)	07/07 >	Manual	DAN599	V-Belt pulley, 5 ribs, + A/C, for cold climates	14	105
Marea 1.2 16V (185)	Petrol	60/82	182B2.000	03/99 >	Manual	DAN629	+ A/C	14	85
Marea 1.4 80 12V (185)	Petrol	59/80	182A3.000	09/96 >	Manual	DAN636	+ A/C	14	75
Marea 1.6 100 16V (185)	Petrol	76/103	182A4.000	09/96 >	Manual	DAN525	ch.->249008, eng.->124028, - A/C	14	75
Marea 1.6 100 16V Bipower (185)	Bi-Fuel	76/103	182A4.000	04/99 >	Manual	DAN525	ch.->249008, eng.->124028, - A/C	14	75
Marea 1.8 115 16V (185)	Petrol	83/113	182 A2.000	10/96 >	Manual, 5-speed	DAN502	+ v-ribbed belt pulley, + A/C, for cold climates	12	85, 100
Marea 1.8 115 16V (185)	Petrol	83/113	182A2.000	09/96 >	Manual	DAN502	eng.->02023566, ch.2018322->, + A/C	14	85
Marea 1.8 115 16V (185)	Petrol	83/113	182A2.000	09/96 >	Manual	DAN632	eng.->429294, + A/C	14	105
Marea 1.8 115 16V (185)	Petrol	83/113	182A2.000	09/96 >	Manual	DAN633	eng.->02023566, ch.2018322->, + A/C	14	85
Marea 1.8 115 16V (185)	Petrol	83/113	182A2.000	09/96 >	Manual	DAN634	eng.->429294, + A/C	14	105
Marea 1.8 115 16V (185)	Petrol	83/113	182A2.000	09/96 >	Manual	DAN636	ch.->2018321, - A/C	14	75
Marea 1.8 115 16V (185)	Petrol	83/113	182A2.000	09/96 >	Manual	DAN641	Belt pulley, eng.->02023566, 6 ribs, ch.2018322->, + A/C	14	85
Marea 1.8 115 16V (185)	Petrol	83/113	182A2.000	09/96 >	Manual	DAN643	eng.->429294, + A/C	14	105
Marea 1.9 JTD 105 (185)	Diesel	77/105	182 B4.000	04/99 > 08/00	Manual, 5-speed	DAN501	+ belt pulley, air cooled	14	105
Marea 1.9 JTD 105 (185)	Diesel	77/105	182 B4.000	04/99 > 08/00	Manual, 5-speed	DAN502	+ v-ribbed belt pulley	12	90, 100
Marea 1.9 JTD 105 (185)	Diesel	77/105	182B4.000	04/99 > 08/00	Manual	DAN502	eng.->1270131, - A/C	14	90, 100
Marea 1.9 JTD 105 (185)	Diesel	77/105	182B4.000	04/99 > 08/00	Manual	DAN633	eng.->1270131, - A/C	14	85
Marea 1.9 JTD 105 (185)	Diesel	77/105	182B4.000	04/99 > 08/00	Manual	DAN641	Belt pulley, eng.->1270131, 6 ribs, - A/C	14	85
Marea 1.9 JTD 110 (185)	Diesel	81/110	186 A6.000	01/01 >		DAN501	+ belt pulley, air cooled	14	105
Marea 1.9 JTD 110 (185)	Diesel	81/110	186 A6.000	01/01 >		DAN502	+ v-ribbed belt pulley	12	100
Marea 1.9 JTD 110 (185)	Diesel	81/110	186A6.000(110)	01/01 >	Manual	DAN501	Air cooled	14	120
Marea 1.9 TD 100 (185)	Diesel	74/100	182 A7.000	09/96 >	Manual, 5-speed	DAN501	+ belt pulley, air cooled	14	105
Marea 1.9 TD 100 (185)	Diesel	74/100	182A7.000	09/96 >	Manual	DAN632	+ A/C	14	105
Marea 1.9 TD 100 (185)	Diesel	74/100	182A7.000	09/96 >	Manual	DAN634	+ A/C	14	105
Marea 1.9 TD 100 (185)	Diesel	74/100	182A7.000	09/96 >	Manual	DAN643	+ A/C	14	105
Marea 1.9 TD 75 (185)	Diesel	55/75	182 A8.000	09/96 >	Manual, 5-speed	DAN501	+ belt pulley, air cooled	14	105
Marea 1.9 TD 75 (185)	Diesel	55/75	182A8.000	09/96 >	Manual	DAN632	+ A/C	14	105
Marea 1.9 TD 75 (185)	Diesel	55/75	182A8.000	09/96 >	Manual	DAN634	+ A/C	14	105
Marea 1.9 TD 75 (185)	Diesel	55/75	182A8.000	09/96 >	Manual	DAN643	+ A/C	14	105
Marea 2.4 JTD 130 (185)	Diesel	96/130	185 A6.000, 839 A5.000	04/99 >	Manual, 5-speed	DAN501	+ belt pulley, air cooled	14	105
Marea 2.4 JTD 130 (185)	Diesel	96/130	185 A6.000, 839 A5.000	04/99 >	Manual, 5-speed	DAN502	+ v-ribbed belt pulley	12	100
Marea 2.4 JTD 130 (185)	Diesel	96/130	185A6.000	04/99 >	Manual	DAN502	+ electr. auxiliary heater	14	100
Marea 2.4 JTD 130 (185)	Diesel	96/130	185A6.000	04/99 >	Manual	DAN641	Belt pulley, 6 ribs, + electr. auxiliary heater	14	100
Marea 2.4 TD 125 (185)	Diesel	91/125	185 A2.000	11/96 > 02/99	Manual, 5-speed	DAN502	+ v-ribbed belt pulley, + A/C	12	85, 100
Marea 2.4 TD 125 (185)	Diesel	91/125	185A2.000	11/96 > 02/99	Manual	DAN502	+ A/C	14	100
Marea 2.4 TD 125 (185)	Diesel	91/125	185A2.000	11/96 > 02/99	Manual	DAN502	eng.->0699589, + A/C	14	85
Marea 2.4 TD 125 (185)	Diesel	91/125	185A2.000	11/96 > 02/99	Manual	DAN633	eng.->0699589, + A/C	14	85
Marea 2.4 TD 125 (185)	Diesel	91/125	185A2.000	11/96 > 02/99	Manual	DAN636	- A/C	14	75
Marea 2.4 TD 125 (185)	Diesel	91/125	185A2.000	11/96 > 02/99	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100








		kW/HP							Current (Amps)
FIAT continued									
Marea 2.4 TD 125 (185)	Diesel	91/125	185A2.000	11/96 > 02/99	Manual	DAN641	Belt pulley, eng.->0699589, 6 ribs, + A/C	14	85
Marea Weekend 1.2 16V (185)	Petrol	60/82	182B2.000	10/98 >	Manual	DAN629	+ A/C	14	85
Marea Weekend 1.4 80 12V (185)	Petrol	59/80	182A3.000	09/96 >	Manual	DAN636	+ A/C	14	75
Marea Weekend 1.6 100 16V (185)	Petrol	76/103	182A4.000	09/96 >		DAN525	ch.->0249008, eng.->124028, - A/C	14	75
Marea Weekend 1.6 100 16V (185)	Petrol	76/103	182A4.000	09/96 >	Manual	DAN629	ch.->0249008, + A/C	14	90
Marea Weekend 1.8 115 16V (185)	Petrol	83/113	182 A2.000	09/96 >	Manual, 5-speed	DAN502	+ v-ribbed belt pulley	12	100
Marea Weekend 1.8 115 16V (185)	Petrol	83/113	182A2.000	09/96 >	Manual	DAN502	eng.->02023566, ch.2018322->, + A/C	14	85
Marea Weekend 1.8 115 16V (185)	Petrol	83/113	182A2.000	09/96 >	Manual	DAN632	eng.->429294, +/- A/C	14	105
Marea Weekend 1.8 115 16V (185)	Petrol	83/113	182A2.000	09/96 >	Manual	DAN633	eng.->02023566, ch.2018322->, + A/C	14	85
Marea Weekend 1.8 115 16V (185)	Petrol	83/113	182A2.000	09/96 >	Manual	DAN634	eng.->429294, +/- A/C	14	105
Marea Weekend 1.8 115 16V (185)	Petrol	83/113	182A2.000	09/96 >	Manual	DAN636	ch.->0270957, - A/C	14	75
Marea Weekend 1.8 115 16V (185)	Petrol	83/113	182A2.000	09/96 >	Manual	DAN641	Belt pulley, eng.->02023566, 6 ribs, ch.2018322->, + A/C	14	85
Marea Weekend 1.8 115 16V (185)	Petrol	83/113	182A2.000	09/96 >	Manual	DAN643	eng.->429294, +/- A/C	14	105
Marea Weekend 1.9 JTD 105 (185)	Diesel	77/105	182 B4.000	04/99 >	Manual, 5-speed	DAN502	+ v-ribbed belt pulley	12	90, 100
Marea Weekend 1.9 JTD 105 (185)	Diesel	77/105	182B4.000	04/99 >	Manual	DAN502	eng.->1270131, - A/C	14	90, 100
Marea Weekend 1.9 JTD 105 (185)	Diesel	77/105	182B4.000	04/99 >	Manual	DAN633	eng.->1270131, - A/C	14	85
Marea Weekend 1.9 JTD 105 (185)	Diesel	77/105	182B4.000	04/99 >	Manual	DAN641	Belt pulley, eng.->1270131, 6 ribs, - A/C	14	85
Marea Weekend 1.9 JTD 105 (185)	Diesel	77/105	182B9.000	04/99 >	Manual	DAN501	- A/C, air cooled	14	120
Marea Weekend 1.9 JTD 110 (185)	Diesel	81/110	186 A6.000	01/01 >		DAN502	+ v-ribbed belt pulley	12	100
Marea Weekend 1.9 JTD 110 (185)	Diesel	81/110	186A6.000(110)	01/01 >	Manual	DAN501	- A/C, air cooled	14	120
Marea Weekend 1.9 TD 100 (185)	Diesel	74/100	182 A7.000, 182 B9.000	09/96 >	Manual, 5-speed	DAN501	+ belt pulley, air cooled	14	105
Marea Weekend 1.9 TD 100 (185)	Diesel	74/100	182A7.000	09/96 >	Manual	DAN632	+ A/C	14	105
Marea Weekend 1.9 TD 100 (185)	Diesel	74/100	182A7.000	09/96 >	Manual	DAN634	+ A/C	14	105
Marea Weekend 1.9 TD 100 (185)	Diesel	74/100	182A7.000	09/96 >	Manual	DAN643	+ A/C	14	105
Marea Weekend 1.9 TD 75 (185)	Diesel	55/75	182 A8.000	09/96 >	Manual, 5-speed	DAN501	+ belt pulley, air cooled	14	105
Marea Weekend 1.9 TD 75 (185)	Diesel	55/75	182A8.000	09/96 >	Manual	DAN632	+ A/C	14	105
Marea Weekend 1.9 TD 75 (185)	Diesel	55/75	182A8.000	09/96 >	Manual	DAN634	+ A/C	14	105
Marea Weekend 1.9 TD 75 (185)	Diesel	55/75	182A8.000	09/96 >	Manual	DAN643	+ A/C	14	105
Marea Weekend 2.0 155 20V (185)	Petrol	113/154	182A8.000	04/99 > 08/00	Manual	DAN632	+ A/C	14	100, 105
Marea Weekend 2.0 155 20V (185)	Petrol	113/154	182A8.000	04/99 > 08/00	Manual	DAN634	+ A/C, Alternative	14	100, 105
Marea Weekend 2.0 155 20V (185)	Petrol	113/154	182A8.000	04/99 > 08/00	Manual	DAN643	+ A/C	14	140
Marea Weekend 2.4 JTD 130 (185)	Diesel	96/130	185 A6.000, 839 A5.000	04/99 >	Manual, 5-speed	DAN502	+ v-ribbed belt pulley,	12	100
Marea Weekend 2.4 JTD 130 (185)	Diesel	96/130	185A6.000	04/99 >	Manual	DAN502	- A/C	14	100
Marea Weekend 2.4 JTD 130 (185)	Diesel	96/130	185A6.000	04/99 >	Manual	DAN641	Belt pulley, 6 ribs, - A/C	14	100
Marea Weekend 2.4 TD 125 (185)	Diesel	91/125	185 A2.000	11/96 > 02/99	Manual, 5-speed	DAN502	+ v-ribbed belt pulley, + A/C	12	85, 100
Marea Weekend 2.4 TD 125 (185)	Diesel	91/125	185A2.000	11/96 > 02/99	Manual	DAN502	+ A/C	14	100
Marea Weekend 2.4 TD 125 (185)	Diesel	91/125	185A2.000	11/96 > 02/99	Manual	DAN502	eng.->0699589, + A/C	14	85
Marea Weekend 2.4 TD 125 (185)	Diesel	91/125	185A2.000	11/96 > 02/99	Manual	DAN633	eng.->0699589, + A/C	14	85
Marea Weekend 2.4 TD 125 (185)	Diesel	91/125	185A2.000	11/96 > 02/99	Manual	DAN636	- A/C	14	75
Marea Weekend 2.4 TD 125 (185)	Diesel	91/125	185A2.000	11/96 > 02/99	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
Marea Weekend 2.4 TD 125 (185)	Diesel	91/125	185A2.000	11/96 > 02/99	Manual	DAN641	Belt pulley, eng.->0699589, 6 ribs, + A/C	14	85
Multipia 1.6 16V Bipower (186AXC1A)	Bi-Fuel	76/103	182B6.000(103)	07/04 >	Manual	DAN630	+ A/C	14	65
Multipia 1.9 JTD 105 (186AXB1A)	Diesel	77/105	182 B4.000	04/99 >	Manual	DAN501	+ belt pulley, air cooled	14	105
Multipia 1.9 JTD 105 (186AXB1A)	Diesel	77/105	182B4.000	04/99 >	Manual	DAN502	eng.->02850151	14	100
Multipia 1.9 JTD 105 (186AXB1A)	Diesel	77/105	182B4.000	04/99 >	Manual	DAN641	Belt pulley, eng.->02850151, 6 ribs	14	100

		KW/HP							Current (Amps)
FIAT continued									
Multipla 1.9 JTD 110 (186)	Diesel	81/110	186 A6.000	03/01 > 03/02		DAN501	+ belt pulley, air cooled	14	105
Multipla 1.9 JTD 110 (186)	Diesel	81/110	186 A6.000	03/01 > 03/02		DAN502	+ v-ribbed belt pulley	12	100
Multipla 1.9 JTD 110 (186)	Diesel	81/110	186A6.000(110)	03/01 > 03/02	Manual	DAN501	+ A/C, air cooled	14	120
Multipla 1.9 JTD 115 (186)	Diesel	85/115	186 A8.000	07/02 >		DAN501	+ belt pulley, air cooled	14	105
Multipla 1.9 JTD 115 (186)	Diesel	85/115	186 A8.000	07/02 >		DAN502	+ v-ribbed belt pulley	12	100
Multipla 1.9 JTD 115 (186)	Diesel	85/115	186A8.000	07/04 >	Manual	DAN501	+ A/C, air cooled	14	120
Palio 1.2 (178BX)	Petrol	54/73	178C4.066	03/01 >	Manual	DAN629		14	90
Palio 1.2 (178BX)	Petrol	59/80	188A5.000(E2)	09/01 >		DAN591		14	
Palio 1.2 (178BX)	Petrol	59/80	188A5.000(E2)	09/01 >	Manual	DAN591	+ A/C	14	70
Palio 1.2 (178BX)	Petrol	59/80	188A5.000(E2)	09/01 >	Manual	DAN591	+ A/C	14	75
Palio 1.2 (178BX)	Petrol	59/80	188A5.000(E2)	09/01 >	Manual	DAN596	+ A/C	14	70
Palio 1.2 (178BX)	Petrol	59/80	188A5.000(E2)	09/01 >	Manual	DAN596	+ A/C	14	75
Palio Weekend 1.2 (178DX.G1A)	Petrol	54/73	178B5.000	07/97 > 02/01	Manual	DAN511	+ power steering	14	100
Palio Weekend 1.2 (178DX.G1A)	Petrol	54/73	178B5.000	07/97 > 02/01	Manual	DAN511	- A/C	14	65
Palio Weekend 1.2 (178DX.G1A)	Petrol	54/73	178B5.000	07/97 > 02/01	Manual	DAN511	- power steering	14	65
Palio Weekend 1.2 (178DX.G1A)	Petrol	54/73	178B5.000	07/97 > 02/01	Manual	DAN630	- A/C	14	65
Palio Weekend 1.2 (178DYA1A)	Petrol	44/60	188A4.000	02/01 >	Manual	DAN511	+ power steering	14	65
Palio Weekend 1.2 (178DYA1A)	Petrol	44/60	188A4.000	02/01 >	Manual	DAN591	+ power steering	14	75
Palio Weekend 1.2 (178DYA1A)	Petrol	44/60	188A4.000	02/01 >	Manual	DAN596	+ power steering	14	75
Palio Weekend 1.2 (178DYA1A)	Petrol	44/60	188A4.000	02/01 >	Manual	DAN630	+ power steering	14	65
Palio Weekend 1.2 (178DYA1A)	Petrol	44/60	188A4.000	03/01 >	Manual	DAN591	+ A/C	14	70
Palio Weekend 1.2 (178DYA1A)	Petrol	44/60	188A4.000	03/01 >	Manual	DAN596	+ A/C	14	70
Panda 0.8 750 (141AA)	Petrol	25/34	141B.000	01/86 > 01/95	Manual	DAN645		14	45
Panda 0.8 750 (141AA)	Petrol	25/34	156A4.048	01/86 > 01/95	Manual	DAN605		14	45
Panda 0.8 750 (141AI)	Petrol	25/34	141B.000	01/86 > 01/95	Manual	DAN645		14	45
Panda 0.8 750 (141AI)	Petrol	25/34	156A4.048	01/86 > 01/95	Manual	DAN605		14	45
Panda 0.8 750 (141AM) CAT	Petrol	25/34	141B.000	01/95 > 12/97	Manual	DAN645		14	45
Panda 0.8 750 (141AM) CAT	Petrol	25/34	156A4.048	01/95 > 12/97	Manual	DAN605		14	45
Panda 0.8 800 (141A)	Petrol	25/34	100GL6.000	02/81 > 12/85	Manual	DAN645		14	45
Panda 0.9 900 (141A)	Petrol	29/40	1170A1.04, 1170A1.046	04/92 > 12/96	Manual	DAN618		14	55
Panda 0.9 900 (141A)	Petrol	29/40	1170A1.046	04/92 > 12/96	Manual	DAN645		14	45
Panda 0.9 900 (141A)	Petrol	33/45	100GL3.000, 146A.048	10/80 > 06/94	Manual	DAN645		14	45
Panda 1.0 1000 (141A)	Petrol	32/44	156A2.000, 156A2.100	01/86 > 04/92		DAN605		14	45
Panda 1.0 1000 (141A)	Petrol	32/44	156A2.246	01/86 > 04/92	Manual	DAN574		14	55
Panda 1.0 1000 (141A)	Petrol	37/50	1170A1.046, 146A.048	05/86 > 04/91	Manual	DAN645		14	45
Panda 1.0 1000 (141A)	Petrol	37/50	156A2.000	05/86 > 04/91		DAN605		14	45
Panda 1.0 1000 (141A)	Petrol	37/50	156A2.246	05/86 > 04/91	Manual	DAN574		14	55
Panda 1.0 1000 4x4 (141A)	Petrol	32/44	156A2.246	11/87 > 07/89	Manual	DAN574		14	55
Panda 1.0 1000 4x4 (141A)	Petrol	32/44	156A3.000	11/87 > 07/89	Manual	DAN605		14	45
Panda 1.0 1000 4x4 (141A)	Petrol	33/45	156A2.000	05/86 > 12/94	Manual	DAN605		14	45
Panda 1.0 1000 4x4 (141A)	Petrol	33/45	156A2.246	05/86 > 12/94	Manual	DAN574		14	55
Panda 1.0 1000 4x4 (141A)	Petrol	33/45	156A2.246	05/86 > 12/94	Manual	DAN575	eng.->6996085	14	55
Panda 1.0 1000 4x4 (141A)	Petrol	37/50	156A3.000	01/86 > 12/92	Manual	DAN605		14	45
Panda 1.0 1000 i.e. CAT (141A)	Petrol	33/45	141C2.000, 156A2.246	10/87 > 08/98	Manual	DAN575	eng.->6996085	14	55
Panda 1.0 1000 i.e. CAT (141A)	Petrol	33/45	156A2.246	10/87 > 08/98	Manual	DAN574		14	55
Panda 1.0 950 4x4 (141A)	Petrol	35/48	A112B1.054	10/84 > 09/85	Manual	DAN645		14	45
Panda 1.1 1100 (141A)	Petrol	37/50	156C.046	05/91 > 03/95		DAN574		14	55
Panda 1.1 1100 (141A)	Petrol	37/50	156C.046	05/91 > 03/95		DAN575		14	55
Panda 1.1 1100 (141A)	Petrol	40/54	176B2.000	04/95 > 08/03		DAN575		14	55
Panda 1.1 1100 (141A)	Petrol	40/54	176B2.000	04/95 > 09/03		DAN574		14	55
Panda 1.1 1100 4x4 (141A)	Petrol	40/54	176B2.000	04/95 > 07/04	Manual	DAN574		14	55
Panda 1.1 1100 4x4 (141A)	Petrol	40/54	176B2.000	04/95 > 08/03	Manual	DAN575		14	55
Panda 1.1 1100 Trekking 4x4 (141A)	Petrol	37/50	156C.046, 176B2.000	10/91 > 03/95	Manual	DAN574		14	55
Panda 1.1 1100 Trekking 4x4 (141A)	Petrol	37/50	156C.046, 176B2.000	10/91 > 08/03	Manual	DAN575		14	55
Panda 1.1 (169)	Petrol	40/54	187 A1.000	09/03 >		DAN517	+ belt pulley, air cooled	14	70
Panda 1.1 (169)	Petrol	40/54	187 A1.000	09/03 >		DAN519	ch.2533529->, - A/C, not for hot climates	12	90
Panda 1.1 (169)	Petrol	40/54	187A1.000	09/03 >	Manual	DAN591	+ A/C	14	70
Panda 1.1 (169)	Petrol	40/54	187A1.000	09/03 >	Manual	DAN596	+ A/C	14	70
Panda 1.2 (169)	Petrol	44/60	188 A4.000	09/03 >		DAN517	+ belt pulley, air cooled	14	70
Panda 1.2 (169)	Petrol	44/60	188 A4.000	09/03 >		DAN519	ch.2533529->, - A/C, not for hot climates	12	90
Panda 1.2 Bi-Power / Natural Power (169)	Bi-Fuel	44/60	188 A4.000	01/07 >		DAN517	+ belt pulley, air cooled	14	70

		kW/HP							Current (Amps)
FIAT continued									
Panda 1.2 Bi-Power / Natural Power (169)	Bi-Fuel	44/60	188 A4.000	01/07 >		DAN519	ch.2533529->, - A/C, not for hot climates	12	90
Panda Van 0.8 750 (141)	Petrol	25/34	141B.000	10/88 > 07/92	Manual	DAN645		14	45
Panda Van 0.8 750 (141)	Petrol	25/34	156A4.000	10/88 > 07/92	Manual	DAN605		14	45
Panda Van 1.0 1000 (141)	Petrol	32/44	156A2.000	09/87 > 04/91	Manual	DAN605		14	45
Panda Van 1.0 1000 i.e (141)	Petrol	33/45	156A2.246	08/92 > 08/03	Manual	DAN575	eng.->6996085	14	55
Punto 1.1 55 (176)	Petrol	40/54	176A6.000, 176B2.000	09/93 > 07/99	Manual	DAN511		14	65
Punto 1.1 55 (176)	Petrol	40/54	176A6.000, 176B2.000	09/93 > 07/99	Manual	DAN511	eng.->5219882	14	65
Punto 1.1 55 (176)	Petrol	40/54	176A6.000, 176B2.000	09/93 > 07/99	Manual	DAN511	eng.->5670922	14	65
Punto 1.1 55 (176)	Petrol	40/54	176A6.000, 176B2.000	09/93 > 07/99	Manual	DAN575		14	65
Punto 1.1 55 (176)	Petrol	40/54	176A6.000, 176B2.000	09/93 > 07/99	Manual	DAN575	eng.->5219882	14	65
Punto 1.1 55 (176)	Petrol	40/54	176A6.000, 176B2.000	09/93 > 07/99	Manual	DAN575	eng.->5670922	14	65
Punto 1.2 60 (176)	Petrol	43/58	176A7.000	01/94 > 03/97	Manual	DAN511		14	65
Punto 1.2 60 (176)	Petrol	43/58	176A7.000	01/94 > 03/97	Manual	DAN511	eng.->5219882	14	65
Punto 1.2 60 (176)	Petrol	43/58	176A7.000	01/94 > 03/97	Manual	DAN511	eng.->5670922	14	65
Punto 1.2 60 (176)	Petrol	43/58	176A7.000	01/94 > 03/97	Manual	DAN575		14	65
Punto 1.2 60 (176)	Petrol	43/58	176A7.000	01/94 > 03/97	Manual	DAN575	eng.->5219882	14	65
Punto 1.2 60 (176)	Petrol	43/58	176A7.000	01/94 > 03/97	Manual	DAN575	eng.->5670922	14	65
Punto 1.2 60 (176)	Petrol	44/60	176A7.000, 176B4.000	03/94 > 07/99		DAN511		14	65
Punto 1.2 60 (176)	Petrol	44/60	176A7.000, 176B4.000	03/94 > 07/99		DAN511	eng.->5219882	14	65
Punto 1.2 60 (176)	Petrol	44/60	176A7.000, 176B4.000	03/94 > 07/99		DAN511	eng.->5670922	14	65
Punto 1.2 60 (176)	Petrol	44/60	176A7.000, 176B4.000	03/94 > 07/99		DAN575		14	65
Punto 1.2 60 (176)	Petrol	44/60	176A7.000, 176B4.000	03/94 > 07/99		DAN575	eng.->5219882	14	65
Punto 1.2 60 (176)	Petrol	44/60	176A7.000, 176B4.000	03/94 > 07/99		DAN575	eng.->5670922	14	65
Punto 1.2 60 (176)	Petrol	44/60	176B1.000	03/94 > 07/99	Automatic	DAN511		14	65
Punto 1.2 60 (176)	Petrol	44/60	176B1.000	03/94 > 07/99	Automatic	DAN630		14	65
Punto 1.2 75 (176)	Petrol	54/73	176A8.000	10/93 > 10/98	Manual	DAN511		14	65
Punto 1.2 75 (176)	Petrol	54/73	176A8.000	10/93 > 10/98	Manual	DAN511	eng.->5219882	14	65
Punto 1.2 75 (176)	Petrol	54/73	176A8.000	10/93 > 10/98	Manual	DAN511	eng.->5670922	14	65
Punto 1.2 75 (176)	Petrol	54/73	176A8.000	10/93 > 10/98	Manual	DAN575		14	65
Punto 1.2 75 (176)	Petrol	54/73	176A8.000	10/93 > 10/98	Manual	DAN575	eng.->5219882	14	65
Punto 1.2 75 (176)	Petrol	54/73	176A8.000	10/93 > 10/98	Manual	DAN575	eng.->5670922	14	65
Punto 1.2 85 16V (176)	Petrol	63/86	176B9.000	04/97 > 09/99	Manual	DAN511		14	65
Punto 1.2 85 16V (176)	Petrol	63/86	176B9.000	04/97 > 09/99	Manual	DAN575		14	65
Punto 1.4 GT Turbo (176)	Petrol	96/131	176B6.000(131ECE)	12/96 > 07/99	Manual	DAN511		14	65
Punto 1.4 GT Turbo (176)	Petrol	96/131	176B6.000(131ECE)	12/96 > 07/99	Manual	DAN511	eng.->5670922	14	65
Punto 1.4 GT Turbo (176)	Petrol	96/131	176B6.000(131ECE)	12/96 > 07/99	Manual	DAN575		14	65
Punto 1.4 GT Turbo (176)	Petrol	96/131	176B6.000(131ECE)	12/96 > 07/99	Manual	DAN575	eng.->5670922	14	65
Punto 1.7 60 TD (176)	Diesel	46/63	176B7.000	12/96 > 07/99	Manual	DAN621	+ A/C	14	85
Punto 1.7 TD (176)	Diesel	51/69	176A3.000, 176A3.000F	01/94 > 07/99	Manual	DAN621	+ A/C	14	85
Punto 1.7 TD (176)	Diesel	52/71	176A3.000, 176A3.000F	01/94 > 03/97	Manual	DAN621	+ A/C	14	85
Punto 1.2 16V 80 (188.233, .235, .253, .255, .333, .353, .639, .63)	Petrol	59/80	188A5.000(E2)	09/99 >		DAN629	+ A/C	14	90
Punto 1.2 16V 80 (188.233, .235, .253, .255, .333, .353, .639, .63)	Petrol	59/80	188A5.000(E2), 188A5.000(E6)	01/00 >		DAN591	+ A/C	14	70, 75
Punto 1.2 16V 80 (188.233, .235, .253, .255, .333, .353, .639, .63)	Petrol	59/80	188A5.000(E2), 188A5.000(E6)	01/00 >		DAN596	Pulley Ø:53mm, + A/C	14	70, 75
Punto 1.2 60 (188.030, .050, .130, .150, .230, .250)	Petrol	44/60	188 A4.000	09/99 >		DAN517	+ belt pulley, air cooled	14	70
Punto 1.2 60 (188.030, .050, .130, .150, .230, .250)	Petrol	44/60	188A4.000	01/00 >	Manual	DAN591	+ A/C	14	70, 75
Punto 1.2 60 (188.030, .050, .130, .150, .230, .250)	Petrol	44/60	188A4.000	01/00 >	Manual	DAN596	Pulley Ø:53mm, + A/C	14	70, 75
Punto 1.2 60 (188.030, .050, .130, .150, .230, .250)	Petrol	44/60	188A4.000	09/99 >	Manual	DAN511	eng.->0714685, for tropical climates	14	65
Punto 1.2 60 (188.030, .050, .130, .150, .230, .250)	Petrol	44/60	188A4.000	09/99 >	Manual	DAN597	+ A/C, for tropical climates	14	75
Punto 1.2 60 (188.030, .050, .130, .150, .230, .250)	Petrol	44/60	188A4.000	09/99 >	Manual	DAN629	+ A/C	14	90
Punto 1.4 (188)	Petrol	70/95	843 A1.000	09/03 >		DAN517	+ belt pulley, air cooled	14	70
Punto 1.8 130 HGT (188.738, .718)	Petrol	96/130	183 A1.000, 188 A6.000	09/99 >	Manual, 5-speed	DAN502	+ v-ribbed belt pulley	12	100
Punto 1.8 130 HGT (188.738, .718)	Petrol	96/130	183A1.000, 188A6.000	09/99 >	Manual	DAN502	Not for tropical climate zones	14	100
Punto 1.8 130 HGT (188.738, .718)	Petrol	96/130	183A1.000, 188A6.000	09/99 >	Manual	DAN641	Belt pulley, 6 ribs, not for tropical climate zones	14	100









		KW/HP							Current (Amps)
FIAT continued									
Punto 1.8 130 HGT (188.738, .718)	Petrol	96/130	183A1.000, 188A6.000	09/99 >	Manual	DAN641	Belt pulley, 6 ribs, for tropical climates	14	120
Punto 1.9 JTD (188)	Diesel	63/86	188 A7.000	10/01 >		DAN501	+ belt pulley, air cooled	14	105
Punto 1.9 JTD (188)	Diesel	63/86	188 A7.000	10/01 >		DAN502	+ v-ribbed belt pulley	12	100
Punto 1.9 JTD (188)	Diesel	63/86	188A7.000	10/01 >	Manual	DAN501	+ A/C, air cooled	14	120
Punto 1.9 JTD (188)	Diesel	74/101	188B2.000(100)	07/03 >	Manual	DAN501	+ A/C, air cooled	14	120
Punto 1.9 JTD 80 (188.237, .257, .337, .357)	Diesel	59/80	188 A2.000	09/99 >	Manual, 5-speed	DAN501	+ belt pulley, air cooled	14	105
Punto 1.9 JTD 80 (188.237, .257, .337, .357)	Diesel	59/80	188 A2.000	09/99 >	Manual, 5-speed	DAN502	+ v-ribbed belt pulley	12	100
Punto 1.9 JTD 80 (188.237, .257, .337, .357)	Diesel	59/80	188A2.000	09/99 >	Manual	DAN502	eng.->1839341, - A/C	14	
Punto 1.9 JTD 80 (188.237, .257, .337, .357)	Diesel	59/80	188A2.000	09/99 >	Manual	DAN633	eng.->1839341, - A/C	14	85
Punto 1.9 JTD 80 (188.237, .257, .337, .357)	Diesel	59/80	188A2.000	09/99 >	Manual	DAN641	Belt pulley, eng.->1839341, 6 ribs, - A/C	14	85
Punto 1.9 JTD 80 (188.237, .257, .337, .357)	Diesel	59/80	188A2.000	11/00 >	Manual	DAN501	+ A/C, air cooled	14	120
Punto Convertible 1.2 60 (176C)	Petrol	43/58	176A7.000	05/94 > 03/97	Manual	DAN511		14	65
Punto Convertible 1.2 60 (176C)	Petrol	43/58	176A7.000	05/94 > 03/97	Manual	DAN575		14	65
Punto Convertible 1.2 60 (176C)	Petrol	44/60	176B4.000	04/97 > 06/00		DAN511		14	65
Punto Convertible 1.2 60 (176C)	Petrol	44/60	176B4.000	04/97 > 06/00		DAN575		14	65
Punto Convertible 1.2 85 16V (176C)	Petrol	63/86	176B9.000	04/97 > 06/00	Manual	DAN511		14	65
Punto Convertible 1.2 85 16V (176C)	Petrol	63/86	176B9.000	04/97 > 06/00	Manual	DAN575		14	65
Punto Van 1.1 (176L)	Petrol	40/54	176B2.000	04/96 > 02/00	Manual	DAN511		14	65
Punto Van 1.1 (176L)	Petrol	40/54	176B2.000	04/96 > 02/00	Manual	DAN511	eng.->5219882	14	65
Punto Van 1.1 (176L)	Petrol	40/54	176B2.000	04/96 > 02/00	Manual	DAN511	eng.->5670922	14	65
Punto Van 1.1 (176L)	Petrol	40/54	176B2.000	04/96 > 02/00	Manual	DAN575		14	65
Punto Van 1.1 (176L)	Petrol	40/54	176B2.000	04/96 > 02/00	Manual	DAN575	eng.->5219882	14	65
Punto Van 1.1 (176L)	Petrol	40/54	176B2.000	04/96 > 02/00	Manual	DAN575	eng.->5670922	14	65
Punto Van 1.7 TD (176L)	Diesel	52/71	176A3.000F, 176A5.000	04/96 > 02/00	Manual	DAN621	+ A/C	14	85
Punto Van 1.2 60 (188AX)	Petrol	44/60	188 A4.000	02/00 >		DAN597		12	105
Punto Van 1.2 60 (188AX)	Petrol	44/60	188A4.000	09/00 >	Manual	DAN511	eng.->0714685, for tropical climates	14	65
Punto Van 1.2 60 (188AX)	Petrol	44/60	188A4.000	09/00 >	Manual	DAN591	+ A/C	14	70
Punto Van 1.2 60 (188AX)	Petrol	44/60	188A4.000	09/00 >	Manual	DAN591	+ A/C	14	75
Punto Van 1.2 60 (188AX)	Petrol	44/60	188A4.000	09/00 >	Manual	DAN596	+ A/C	14	70
Punto Van 1.2 60 (188AX)	Petrol	44/60	188A4.000	09/00 >	Manual	DAN596	+ A/C	14	75
Punto Van 1.2 60 (188AX)	Petrol	44/60	188A4.000	09/00 >	Manual	DAN629	+ A/C	14	90
Punto Van 1.9 JTD (188AX)	Diesel	63/86	188A7.000	10/01 >	Manual	DAN501	+ A/C, air cooled	14	120
Punto Van 1.9 JTD (188AX)	Diesel	63/86	188A7.000	10/01 >	Manual	DAN502	eng.->1839341, - A/C	14	85
Punto Van 1.9 JTD (188AX)	Diesel	63/86	188A7.000	10/01 >	Manual	DAN633	eng.->1839341, - A/C	14	85
Punto Van 1.9 JTD (188AX)	Diesel	63/86	188A7.000	10/01 >	Manual	DAN641	Belt pulley, eng.->1839341, 6 ribs, - A/C	14	85
Regata Weekend 1.9 65 Diesel	Diesel	48/65	149 A1.000	05/84 > 06/89		DAN610		14	55
Regata Weekend 1.9 80 Turbo Diesel	Diesel	59/80	831 D1.000	09/86 > 06/89		DAN610		14	55
Ritmo I 1.3 65 (138A)	Petrol	48/65	138A1.000	01/78 > 09/82	Manual	DAN616		14	45
Ritmo I 1.3 70 (138A)	Petrol	48/65	138A1.000	11/83 > 08/85	Manual	DAN616		14	45
Seicento 0.9 (187AXA, 187AXA1A)	Petrol	29/39	1170A1.04, 1170A1.046	03/98 >	Manual	DAN618		14	55
Seicento 1.1 (187AXB, 187AXB1A)	Petrol	40/54	176B2.000	03/98 >	Manual	DAN575		14	55
Seicento 1.1 (187AXB, 187AXB1A)	Petrol	40/54	187A1.000	09/00 >	Manual	DAN631	+ A/C	14	90
Seicento Van 0.9 (187AXA)	Petrol	29/39	1170A1.046F	06/98 >	Manual	DAN618		14	55
Seicento Van 1.1 (187CXB/C)	Petrol	40/54	176B2.000	03/00 >	Manual	DAN575		14	55
Siena 1.2 (178)	Petrol	54/73	178B5.000	09/98 >	Manual	DAN511	+ power steering	14	100
Siena 1.2 (178)	Petrol	54/73	178B5.000	09/98 >	Manual	DAN511	- A/C	14	65
Siena 1.2 (178)	Petrol	54/73	178B5.000	09/98 >	Manual	DAN630	- A/C	14	65
Siena 1.2 (178)	Petrol	54/73	178B5.000, 178C4.066	09/98 >	Manual	DAN511	- power steering	14	65
Siena 1.2 (178)	Petrol	54/73	178B5.000, 178C4.066	09/98 >	Manual	DAN575	- power steering	14	65
Siena 1.2 (178)	Petrol	54/73	178C4.066	01/02 >	Manual	DAN629	+ power steering	14	90
Siena 1.6 16V (178)	Petrol	78/106	178C7.098	09/98 >	Manual	DAN511		14	65
Siena 1.6 16V (178)	Petrol	78/106	178C7.098	09/98 >	Manual	DAN575		14	65
Stilo 1.2 16V (192XA1B)	Petrol	59/80	188 A5.000	02/02 >		DAN597		12	105
Stilo 1.8 16V (192XC1A)	Petrol	98/133	192A4.000	10/01 >	Manual	DAN641	Belt pulley, 6 ribs	14	120
Stilo 1.9 D Multijet (192)	Diesel	110/150	937A5.000	03/06 >	Manual	DAN506		14	70

		kW/HP							Current (Amps)
FIAT continued									
Stilo 1.9 D Multijet (192)	Diesel	110/150	937A5.000	03/06 >	Manual	DAN513	Air cooled	14	70
Stilo 1.9 D Multijet (192)	Diesel	74/100	192A9.000(100)	09/05 >	Manual	DAN501	+ A/C, air cooled	14	120
Stilo 1.9 D Multijet (192)	Diesel	88/120	192A8.000	03/06 >	Manual	DAN501	+ auto climate control, for tropical climates, air cooled	14	120
Stilo 1.9 JTD (192)	Diesel	100/136	192B1.000(136)	04/04 >	Manual	DAN506		14	70
Stilo 1.9 JTD (192)	Diesel	100/136	192B1.000(136)	04/04 >	Manual	DAN513	Air cooled	14	70
Stilo 1.9 JTD (192)	Diesel	103/140	192A5.000(140)	01/04 >	Manual	DAN506		14	70
Stilo 1.9 JTD (192)	Diesel	103/140	192A5.000(140)	01/04 >	Manual	DAN513	Air cooled	14	70
Stilo 1.9 JTD (192)	Diesel	93/126	937A4.000(126)	01/04 >	Manual	DAN501	Air cooled	14	120
Stilo 1.9 JTD (192)	Diesel	93/126	937A4.000(126)	01/04 >	Manual	DAN506		14	70
Stilo 1.9 JTD (192)	Diesel	93/126	937A4.000(126)	01/04 >	Manual	DAN513	Air cooled	14	70
Stilo 1.9 JTD (192XE1A)	Diesel	85/115	192 A1.000, 937 A7.000	10/01 >		DAN501	+ belt pulley, air cooled	14	105
Stilo 1.9 JTD (192XE1A)	Diesel	85/115	192 A1.000, 937 A7.000	10/01 >		DAN643		12	140
Stilo 1.9 JTD (192XF1A)	Diesel	59/80	192 A3.000	02/02 >		DAN502	+ v-ribbed belt pulley	12	100
Stilo 1.9 JTD (192XF1A)	Diesel	59/80	192 A3.000	02/02 >		DAN643		12	140
Stilo 1.9 JTD (192XF1A)	Diesel	59/80	192A3.000(80)	01/04 >	Manual	DAN501	+ A/C, air cooled	14	120
Stilo Multi Wagon 1.8 16V (192)	Petrol	98/133	192A4.000	01/03 >	Manual	DAN640		14	65
Stilo Multi Wagon 1.8 16V (192)	Petrol	98/133	192A4.000	01/03 >	Manual	DAN641	Belt pulley, 6 ribs	14	120
Stilo Multi Wagon 1.9 D Multijet (192)	Diesel	110/150	937A5.000	03/06 >	Manual	DAN506		14	70
Stilo Multi Wagon 1.9 D Multijet (192)	Diesel	110/150	937A5.000	03/06 >	Manual	DAN513	Air cooled	14	70
Stilo Multi Wagon 1.9 D Multijet (192)	Diesel	74/100	192A9.000(100)	09/05 >	Manual	DAN501	+ A/C, air cooled	14	120
Stilo Multi Wagon 1.9 D Multijet (192)	Diesel	88/120	192A8.000	03/06 >	Manual	DAN501	+ auto climate control, for tropical climates, air cooled	14	120
Stilo Multi Wagon 1.9 JTD (192)	Diesel	100/136	192B1.000(136)	04/04 >	Manual	DAN501	+ A/C, for tropical climates, air cooled		
Stilo Multi Wagon 1.9 JTD (192)	Diesel	100/136	192B1.000(136)	04/04 >	Manual	DAN506		14	70
Stilo Multi Wagon 1.9 JTD (192)	Diesel	100/136	192B1.000(136)	04/04 >	Manual	DAN513	Air cooled	14	70
Stilo Multi Wagon 1.9 JTD (192)	Diesel	103/140	192A5.000(140)	01/04 >	Manual	DAN501	+ A/C, air cooled	14	120
Stilo Multi Wagon 1.9 JTD (192)	Diesel	103/140	192A5.000(140)	01/04 >	Manual	DAN506		14	70
Stilo Multi Wagon 1.9 JTD (192)	Diesel	103/140	192A5.000(140)	01/04 >	Manual	DAN513	Air cooled	14	70
Stilo Multi Wagon 1.9 JTD (192)	Diesel	59/80	192A3.000(80)	01/04 >	Manual	DAN501	+ A/C, air cooled	14	120
Stilo Multi Wagon 1.9 JTD (192)	Diesel	85/115	192 A1.000, 937 A7.000	01/03 >		DAN643		12	140
Stilo Multi Wagon 1.9 JTD (192)	Diesel	85/115	192A3.000(80)	01/04 >	Manual	DAN501	Air cooled	14	120
Stilo Multi Wagon 1.9 JTD (192)	Diesel	93/126	937A4.000(126)	01/04 >	Manual	DAN506		14	70
Stilo Multi Wagon 1.9 JTD (192)	Diesel	93/126	937A4.000(126)	01/04 >	Manual	DAN513	Air cooled	14	70
Stilo Multi Wagon 1.9 JTD (192)	Diesel	93/126	937A4.000(126)	09/04 >	Manual	DAN501	+ A/C, air cooled	14	120
Strada 1.2 (178E)	Petrol	54/73	178B5.000	02/00 >	Manual	DAN511	- power steering	14	65, 100
Strada 1.2 (178E)	Petrol	54/73	178B5.000	02/00 >	Manual	DAN511	+ power steering	14	65, 100
Strada 1.2 (178E)	Petrol	54/73	178B5.000	02/00 >	Manual	DAN630	- power steering	14	65, 70
Strada 1.7 TD (178E)	Diesel	51/69	176A3.000, 176A3.000F	02/00 >	Manual	DAN621		14	85
Strada 1.9 D (178E)	Diesel	46/63	223 A6.000	06/01 >		DAN502	+ v-ribbed belt pulley	12	100
Strada 1.9 JTD (178E)	Diesel	59/80	188A2.000	04/03 >	Manual	DAN640	- A/C	14	65
Tempra 1.4 i.e. (159.AC, 159.AX)	Petrol	51/69	836A4.000	03/92 > 07/96	Manual	DAN617	+ power steering	14	65
Tempra 1.4 i.e. (159.AC, 159.AX)	Petrol	51/69	836A4.000	03/92 > 07/96	Manual	DAN617	eng.->9606886, + power steering	14	65
Tempra 1.6 (159)	Petrol	63/86	159A3.048	04/90 > 04/93	Manual	DAN617	+ power steering	14	65
Tempra 1.6 i.e. (159.AE)	Petrol	57/78	159A3.048	06/90 > 07/92	Manual	DAN617	+ power steering	14	65
Tempra 1.6 i.e. (159.AJ)	Petrol	63/87	159A3.048	06/94 > 08/96	Manual	DAN617	+ power steering	14	65
Tempra 1.6 i.e. (159.AJ)	Petrol	66/90	159B9.000	06/94 > 07/96	Manual	DAN617	- A/C	14	65
Tempra 1.6 i.e. (159.AJ)	Petrol	66/90	159B9.000	06/94 > 07/96	Manual	DAN617	eng.->9606886, - A/C	14	65
Tempra 1.6 i.e. (159.AS, 159.AT)	Petrol	55/75	159A3.048	06/92 > 07/96	Manual	DAN617	+ power steering	14	65
Tempra 1.8 i.e. (159.AN)	Petrol	77/105	159A4.046, 835C2.000	03/92 > 07/96	Manual	DAN615		14	65
Tempra 1.8 i.e. (159.AN)	Petrol	81/110	159A4.046	04/90 > 06/93	Manual	DAN615	- A/C	14	65
Tempra 1.8 i.e. (159.AV)	Petrol	76/103	835C2.000	09/93 > 07/96	Manual	DAN615		14	65
Tempra 1.8 i.e. (159.AZ)	Petrol	66/90	835C4.000	09/93 > 07/96	Manual	DAN615		14	65
Tempra 1.8 i.e. (159.BY)	Petrol	74/101	836A5.000	10/94 > 08/96	Manual	DAN615		14	65
Tempra 2.0 i.e. (159.AP)	Petrol	83/113	159A6.046	10/90 > 06/93	Manual	DAN615	- A/C	14	65
Tempra SW 1.4 i.e. (159.AC)	Petrol	57/78	160A1.046	04/91 > 06/93	Manual	DAN617	+ power steering	14	65
Tempra SW 1.4 i.e. (159.AC, 159.AX)	Petrol	51/69	160A1.046	07/93 > 07/96	Manual	DAN617	+ power steering	14	65
Tempra SW 1.6 (159)	Petrol	63/86	159A3.048	12/90 > 04/93	Manual	DAN617	+ power steering	14	65
Tempra SW 1.6 i.e. (159.AE)	Petrol	57/78	159A3.048	04/91 > 07/96	Manual	DAN617	+ power steering	14	65
Tempra SW 1.6 i.e. (159.AJ)	Petrol	66/90	159B9.000	06/94 > 07/96	Manual	DAN617	- A/C	14	65
Tempra SW 1.6 i.e. (159.AJ)	Petrol	66/90	159B9.000	06/94 > 07/96	Manual	DAN617	eng.->9606886, - A/C	14	65

		KW/HP							Current (Amps)
FIAT continued									
Tempra SW 1.6 i.e. (159.AS, 159.AT)	Petrol	55/75	159A3.048	10/92 > 08/96	Manual	DAN617	+ power steering	14	65
Tempra SW 1.8 i.e. (159.AN)	Petrol	77/105	835C2.000	03/92 > 12/93	Manual	DAN615	- A/C	14	65
Tempra SW 1.8 i.e. (159.AN)	Petrol	81/110	159A4.046	03/90 > 08/96	Manual	DAN615	- A/C	14	65
Tempra SW 1.8 i.e. (159.AV)	Petrol	76/103	835C2.000	09/93 > 07/96	Manual	DAN615	- A/C	14	65
Tempra SW 1.8 i.e. (159.AZ)	Petrol	66/90	835C2.000, 836A5.000	09/93 > 07/96	Manual	DAN615		14	65
Tempra SW 1.8 i.e. (159.BY)	Petrol	74/101	836A5.000	10/94 > 08/96	Manual	DAN615		14	65
Tempra SW 2.0 i.e. (159.AP)	Petrol	83/113	159A6.046	04/91 > 06/93	Manual	DAN615	- A/C	14	65
Tempra SW 2.0 i.e. 4x4 (159.AP)	Petrol	83/113	159A6.046	07/92 > 03/95	Manual	DAN615		14	65
Tipo 1.1 (160.AA)	Petrol	41/56	160A3.000	03/88 > 10/91	Manual	DAN574		14	55
Tipo 1.4 (160.AC)	Petrol	52/71	160A1.000	03/88 > 12/89	Manual	DAN617		14	65
Tipo 1.4 i.e. (160.AP, 160.AD, 160.EA)	Petrol	51/70	160A1.046, 836A4.000	05/89 > 04/95	Manual	DAN617	+ power steering	14	65
Tipo 1.6 (160.AE)	Petrol	61/83	160A2.000	03/88 > 10/91	Manual	DAN617		14	65
Tipo 1.6 i.e. (160.A1, 160.EC, 160.EB)	Petrol	55/75	835C1.000	10/92 > 04/95	Manual	DAN617		14	65
Tipo 1.6 i.e. (160.AF)	Petrol	57/78	835C1.000	07/90 > 01/93	Manual	DAN617		14	65
Tipo 1.8 i.e. (160)	Petrol	66/90	835C4.000	09/93 > 04/95	Manual	DAN615		14	65
Tipo 1.8 i.e. (160.AM)	Petrol	74/101	836A5.000	10/94 > 04/95	Manual	DAN615		14	65
Tipo 1.8 i.e. (160.AY)	Petrol	77/105	836A5.000	11/92 > 06/93	Manual	DAN615		14	65
Tipo 1.8 i.e. (160.ED)	Petrol	76/103	836A5.000	04/93 > 04/95	Manual	DAN615		14	65
Tipo 1.8 i.e. 16V Sport (160)	Petrol	100/136	159A4.046	04/90 > 06/92	Manual	DAN615		14	65
Tipo 2.0 i.e. (160.AJ)	Petrol	80/109	159A5.046, 159A6.046	06/90 > 03/92	Manual	DAN615		14	65
Tipo 2.0 i.e. (160.AJ)	Petrol	80/109	159A5.046, 159A6.046	06/90 > 03/92	Manual	DAN615	eng.->1308141	14	65
Tipo 2.0 i.e. (160.AT, 160.AJ)	Petrol	83/113	159A6.046	03/90 > 04/95	Manual	DAN615		14	65
Tipo 2.0 i.e. (160.AT, 160.AJ)	Petrol	83/113	159A6.046	03/90 > 04/95	Manual	DAN615	eng.->1308141	14	65
Uno 0.9 45 (146A/E)	Petrol	33/45	146A.000, 146A.048, 146A1.000	04/84 > 12/88	Manual	DAN645		14	45
Uno 1.0 45 (146A.ED)	Petrol	32/44	156A2.000	06/86 > 12/88	Manual	DAN574		14	55
Uno 1.0 45 (146A.ED)	Petrol	32/44	156A2.000	06/86 > 12/88	Manual	DAN605	eng.->6996153, ch.2286474->	14	45
Uno 1.0 45 (146A.ED)	Petrol	32/44	156A2.246	06/86 > 12/88	Manual	DAN574		14	45
Uno 1.0 45 (146A.ED)	Petrol	32/44	156A2.246	06/86 > 12/88	Manual	DAN575		14	45
Uno 1.0 45 (146A.ED)	Petrol	37/50	156A2.000	06/86 > 08/89	Manual	DAN574		14	55
Uno 1.0 45 (146A.ED)	Petrol	37/50	156A2.000	06/86 > 08/89	Manual	DAN605	eng.->6996153	14	45
Uno 1.0 45 (146A.ED)	Petrol	37/50	156A2.246	06/86 > 08/89	Manual	DAN574		14	45
Uno 1.0 45 (146A.ED)	Petrol	37/50	156A2.246	06/86 > 08/89	Manual	DAN575		14	45
Uno 1.0 45 i.e. (146A/E)	Petrol	33/45	146A.000, 146A.048, 146A1.000	10/84 > 12/88	Manual	DAN645		14	45
Uno 1.0 45 i.e. (146A/E)	Petrol	33/45	156A2.000	10/84 > 12/88	Manual	DAN574		14	55
Uno 1.0 45 i.e. (146A/E)	Petrol	33/45	156A2.000	10/84 > 12/88	Manual	DAN605	eng.->6996153, ch.2286474->	14	45
Uno 1.0 45 i.e. (146A/E)	Petrol	33/45	156A2.246	10/84 > 12/88	Manual	DAN574		14	45
Uno 1.0 45 i.e. (146A/E)	Petrol	33/45	156A2.246	10/84 > 12/88	Manual	DAN575		14	45
Uno 1.1 50 (146A/E)	Petrol	37/50	156C.046	10/90 > 07/93	Manual	DAN574		14	55
Uno 1.1 50 i.e. (146A/E)	Petrol	36/49	156C.046	06/92 > 12/93	Manual	DAN574		14	55
Uno 1.1 60 (146A/E)	Petrol	42/57	160A3.000	04/89 > 12/92	Manual	DAN574		14	55
Uno 1.3 Turbo i.e. (146A/E)	Petrol	74/101	146 A2.246	09/89 > 03/91		DAN610		14	55
Uno 1.4 (146A/E)	Petrol	51/69	160 A1.046	07/91 > 07/96		DAN610		14	55
Uno 1.4 70 i.e. (146A/E)	Petrol	51/70	160 A1.046	09/89 > 12/93		DAN610		14	55
Uno 1.5 75 i.e. (146A/E)	Petrol	55/75	138 C2.048, 149 C1.000	10/85 > 12/88		DAN610		14	55
Uno 1.7 60 Diesel (146A/E)	Diesel	44/60	149 B3.000	07/86 > 12/88		DAN610		14	55
X 1/9 1.5 Five Speed (128 AS)	Petrol	56/76	138 BS.031	06/85 > 12/89		DAN616		12	55
X 1/9 1.5 Five Speed (128 AS)	Petrol	63/85	138 AS.000	11/78 > 12/89		DAN616		12	55
FORD									
Escort '91 Express 1.8 D (AVL)	Diesel	44/60	RTD(D18N)	09/90 > 08/94	Manual	DAN504		14	70
Escort '95 Box 1.8 D (AVL)	Diesel	44/60	RTH(D18NA)	01/95 >	Manual	DAN504	- A/C	14	70
Escort '95 Box 1.8 Turbo D (AVL)	Diesel	51/70	RV(D18TC)	12/95 > 06/01	Manual	DAN047	- A/C	14	70
Escort Classic 1.8 TD (AAL, ABL)	Diesel	66/90	RFD(D18TI), RFS(D18TI)	10/98 > 07/00	Manual	DAN047	- A/C	14	70
Escort Classic Turnier 1.8 TD (ANL)	Diesel	66/90	RFD(D18TI)	02/99 > 07/00	Manual	DAN047	- A/C	14	70
Escort V Estate 1.8 D (GAL, AVL)	Diesel	44/60	RTH(D18NA)	05/91 > 12/92	Manual	DAN504	+ A/C	14	70
Escort VI 1.8 TD (GAL)	Diesel	66/90	RFD(D18TI)	06/93 > 12/94	Manual	DAN504	+ power steering	14	70
Escort VI Estate 1.8 D (GAL)	Diesel	44/60	RTH(D18NA)	09/92 > 12/94	Manual	DAN504	+ A/C	14	70
Escort VI Estate 1.8 TD (GAL)	Diesel	66/90	RFD(D18TI)	06/93 > 12/94	Manual	DAN504	+ power steering	14	70
Escort VII 1.8 D (GAL, AAL, ABL)	Diesel	44/60	RTH(D18NA)	01/95 > 12/96	Manual	DAN504	- A/C	14	70
Escort VII 1.8 TD (GAL, AAL, ABL)	Diesel	66/90	RFD(D18TI), RFS(D18TI)	01/95 > 10/98	Manual	DAN047	- A/C	14	70
Escort VII 1.8 Turbo D (GAL, AAL, ABL)	Diesel	51/70	RV(D18TC)	04/96 > 10/98	Manual	DAN047	- A/C	14	70
Escort VII Convertible 1.8 TD (ALL)	Diesel	66/90	RFD(D18TI)	09/95 > 09/96	Manual	DAN047		14	70









		kW/HP							Current (Amps)
FORD continued									
Escort VII Convertible 1.8 Turbo D (ALL)	Diesel	51/70	RV(D18TC)	10/96 > 08/99	Manual	DAN047		14	70
Escort VII Estate 1.8 D (GAL, ANL)	Diesel	44/60	RTH(D18NA)	01/95 > 02/99	Manual	DAN504	+ A/C	14	70
Escort VII Estate 1.8 TD (GAL, ANL)	Diesel	66/90	RFD(D18TI), RFS(D18TI)	01/95 > 02/99	Manual	DAN047	- A/C	14	70
Escort VII Estate 1.8 Turbo D (GAL, ANL)	Diesel	51/70	RV(D18TC)	04/96 > 02/99	Manual	DAN047	- A/C	14	70
Escort VII Saloon 1.8 D (GAL, AFL)	Diesel	44/60	RTH(D18NA)	01/95 > 12/96	Manual	DAN504	- A/C	14	70
Escort VII Saloon 1.8 TD (GAL, AFL)	Diesel	66/90	RFD(D18TI), RFS(D18TI)	01/95 > 10/98	Manual	DAN047	- A/C	14	70
Escort VII Saloon 1.8 Turbo D (GAL, AFL)	Diesel	51/70	RV(D18TC)	04/96 > 02/99	Manual	DAN047	- A/C	14	70
Fiesta Box 1.8 D (F3L, F5L)	Diesel	44/60	RTD(D18N)	09/91 > 02/96	Manual	DAN504		14	70
Fiesta Box 1.8 DI (J5, J3)	Diesel	55/75	RTJ(D18NA)	09/00 >	Manual	DAN047		14	70
Fiesta Box 1.8 TD (JV)	Diesel	55/75	RTJ(D18NA)	03/00 >	Manual	DAN047		14	70
Fiesta I 0.9 (gfbt)	Petrol	29/40	TKA(BL09L)	05/76 > 08/83	Manual	DAN616		14	28
Fiesta I 1.1 (gfbt)	Petrol	39/53	GL-CVH	05/76 > 08/83		DAN616		14	28
Fiesta III 1.8 D (GFJ)	Diesel	44/60	RTC(D18N)	03/89 > 12/95	Manual	DAN504		14	70
Fiesta III 1.8 TD (GFJ)	Diesel	57/77	RFE(D18T)	03/93 > 12/95	Manual	DAN504		14	70
Fiesta IV 1.8 D (JA, JB)	Diesel	44/60	RTJ(D18NA)	09/95 > 04/00	Manual	DAN047		14	70
Fiesta V 1.6 TDCi (JH, JD)	Diesel	66/90	HHJA, HHJB	11/04 >		DAN930	Koyo OWC pulley, 6 ribs, air cooled	14	150
Focus 1.6 16V (DAW, DBW)	Petrol	74/100	FYDA, FYDB, FYDC, FYDD, FYDH	10/98 > 11/04	Manual	DAN588		12	90
Focus 1.8 16V (DAW, DBW)	Petrol	85/115	EYDB, EYDC, EYDD, EYDE, EYDF, EYDG, EYDI, EYDJ, EYDL	10/98 > 11/04	Manual	DAN588		12	90
Focus 1.8 DI / TDDi (DAW, DBW)	Diesel	55/75	B(LD18), BHDA	08/99 > 08/04	Manual	DAN562		14	90
Focus 1.8 TDCi (DAW, DBW)	Diesel	74/100	1.8TCLYNX (100-FFDA)	09/02 > 08/04	Manual	DAN562		14	90
Focus 1.8 TDCi (DAW, DBW)	Diesel	85/115	F9DA, F9DB	03/01 > 11/04		DAN590		12	90
Focus 1.8 TDCi (DAW, DBW)	Diesel	85/115	FFDA(LD18TC115)	05/01 > 08/04	Manual	DAN562		14	90
Focus 1.8 Turbo DI / TDDi (DAW, DBW)	Diesel	66/90	B, C(LD18), C9DA	10/98 > 08/04	Manual	DAN562		14	90
Focus 1.8 Turbo DI / TDDi (DAW, DBW)	Diesel	66/90	C9DA, C9DB, C9DC	10/98 > 07/04		DAN505	+ belt pulley, air cooled	14	90
Focus C-Max 1.6	Petrol	74/100	HWDA, HWDB	10/03 > 03/07		DAN582		14	105
Focus C-Max 1.6 TDCi	Diesel	66/90	HHDA, HHDB	02/05 > 03/07		DAN930	Koyo OWC pulley, 6 ribs, air cooled	14	150
Focus C-Max 1.8	Petrol	92/125	Q7DA, QQDA, QQDB	04/04 > 03/07		DAN931	Solid pulley, 6 ribs, air cooled	14	150
Focus C-Max 1.8 TDCi	Diesel	85/115	KKDA	01/05 > 03/07		DAN932	+ belt pulley, air cooled	14	150
Focus C-Max 1.8 TDCi	Diesel	85/115	KKDA	01/05 > 03/07		DAN933	Pulley, air cooled	14	150
Focus C-Max 2.0	Petrol	107/145	AODA, AODB, SYDA	04/04 > 03/07		DAN934	Koyo OWC pulley, 6 ribs, air cooled	14	150
Focus C-Max 2.0 TDCi	Diesel	100/136	G6DA, G6DB, G6DD	10/03 > 03/07		DAN930	Koyo OWC pulley, 6 ribs, air cooled	14	150
Focus Estate 1.6 16V (DNW)	Petrol	74/100	FYDA, FYDB, FYDC, FYDD, FYDH	02/99 > 11/04		DAN588		12	90
Focus Estate 1.8 16V (DNW)	Petrol	85/115	EYDB, EYDC, EYDD, EYDE, EYDF, EYDG, EYDI, EYDJ, EYDL	02/99 > 11/04		DAN588		12	90
Focus Estate 1.8 DI / TDDi (DNW)	Diesel	55/75	B(LD18), BHDA	08/99 > 08/04	Manual	DAN562		14	90
Focus Estate 1.8 TDCi (DNW)	Diesel	74/100	1.8TCLYNX(100-FFDA)	09/02 > 08/04	Manual	DAN562		14	90
Focus Estate 1.8 TDCi (DNW)	Diesel	85/115	F9DA, F9DB	03/01 > 11/04		DAN590		12	90
Focus Estate 1.8 TDCi (DNW)	Diesel	85/115	FFDA(LD18TC115)	05/01 > 08/04	Manual	DAN562		14	90
Focus Estate 1.8 Turbo DI / TDDi (DNW)	Diesel	66/90	B, C(LD18), C9DA	02/99 > 08/04	Manual	DAN562		14	90
Focus Estate 1.8 Turbo DI / TDDi (DNW)	Diesel	66/90	C9DA, C9DB, C9DC	02/99 > 11/04		DAN505	+ belt pulley, air cooled	14	90
Focus II 1.6 (DA)	Petrol	74/100	HWDA, HWDB, SHDA	11/04 >		DAN582		14	105
Focus II 1.8 TDCi (DA)	Diesel	85/115	KKDA, KKDB	07/05 >		DAN932	+ belt pulley, air cooled	14	150
Focus II 1.8 TDCi (DA)	Diesel	85/115	KKDA, KKDB	07/05 >		DAN933	Pulley, air cooled	14	150
Focus II 2.0 (DA)	Petrol	107/145	AODA, AODB	11/04 >		DAN934	Koyo OWC pulley, 6 ribs, air cooled	14	150
Focus II 2.0 TDCi (DA)	Diesel	100/136	G6DA, G6DB, G6DD	11/04 >		DAN930	Koyo OWC pulley, 6 ribs, air cooled	14	150









		KW/HP							Current (Amps)
FORD continued									
Focus II Convertible 1.6	Petrol	74/100	HWDA, HWDB	10/06 >			DAN582	14	105
Focus II Convertible 2.0 TDCi	Diesel	100/136	G6DA, G6DB, G6DD	10/06 >			DAN930	Koyo OWC pulley, 6 ribs, air cooled	14 150
Focus II Saloon 1.6 (DA)	Petrol	74/100	HWDA, HWDB, SHDA	04/05 >			DAN582	14	105
Focus II Saloon 1.8 TDCi (DA)	Diesel	85/115	KKDA, KKDB	04/05 >			DAN932	+ belt pulley, air cooled	14 150
Focus II Saloon 2.0 TDCi (DA)	Diesel	100/136	G6DA, G6DB, G6DD	04/05 >			DAN930	Koyo OWC pulley, 6 ribs, air cooled	14 150
Focus II Turnier 1.6 (DAW)	Petrol	74/100	HWDA, HWDB, SHDA	02/05 >			DAN582	14	105
Focus II Turnier 1.6 TDCi (DAW)	Diesel	66/90	HHDA, HHDB	11/04 >			DAN930	Koyo OWC pulley, 6 ribs, air cooled	14 150
Focus II Turnier 1.8 TDCi (DAW)	Diesel	85/115	KKDA, KKDB	04/05 >			DAN932	+ belt pulley, air cooled	14 150
Focus II Turnier 1.8 TDCi (DAW)	Diesel	85/115	KKDA, KKDB	04/05 >			DAN933	Pulley, air cooled	14 150
Focus II Turnier 2.0 (DAW)	Petrol	107/145	AODA, AODB	02/05 >			DAN934	Koyo OWC pulley, 6 ribs, air cooled	14 150
Focus II Turnier 2.0 TDCi (DAW)	Diesel	100/136	G6DA, G6DB, G6DD	02/05 >			DAN930	Koyo OWC pulley, 6 ribs, air cooled	14 150
Focus Saloon 1.6 16V (DFW)	Petrol	74/100	FYDA, FYDB, FYDC, FYDD, FYDH	02/99 > 11/04			DAN588	12	90
Focus Saloon 1.8 16V (DFW)	Petrol	85/115	EYDB, EYDC, EYDD, EYDE, EYDF, EYDG, EYDI, EYDJ, EYDL	02/99 > 11/04			DAN588	12	90
Focus Saloon 1.8 TDCi (DFW)	Diesel	74/100	1.8TCLYNX(100-FFDA)	09/02 > 08/04	Manual		DAN562	14	90
Focus Saloon 1.8 TDCi (DFW)	Diesel	85/115	F9DA, F9DB	03/01 > 11/04			DAN590	12	90
Focus Saloon 1.8 TDCi (DFW)	Diesel	85/115	FFDA(LD18TC115)	05/01 > 08/04	Manual		DAN562	14	90
Focus Saloon 1.8 Turbo DI / TDDi (DFW)	Diesel	66/90	B, C(LD18), C(LD18D3), C9DA	02/99 > 08/04	Manual		DAN562	14	90
Focus Saloon 1.8 Turbo DI / TDDi (DFW)	Diesel	66/90	C9DA, C9DB, C9DC	02/99 > 11/04			DAN505	+ belt pulley, air cooled	14 90
Fusion 1.6 TDCi (JU)	Diesel	66/90	HHJA, HHJB	11/04 >			DAN930	Koyo OWC pulley, 6 ribs, air cooled	14 150
Mondeo I 1.6 i 16V (GBP)	Petrol	65/88	L1J	07/94 > 08/96			DAN537	12	100
Mondeo I 1.6 i 16V (GBP)	Petrol	66/90	L1F(ZH16)	02/93 > 08/96	Manual		DAN537	14	90
Mondeo I 1.8 i 16V (GBP)	Petrol	82/112	RKB	07/94 > 08/96			DAN537	12	100
Mondeo I 1.8 i 16V (GBP)	Petrol	85/115	RKA(ZH18M)	02/93 > 08/96			DAN537	14	90
Mondeo I 1.8 i 16V 4x4 (GBP)	Petrol	85/115	RKA	02/93 > 08/96			DAN537	12	100
Mondeo I 1.8 TD (GBP)	Diesel	65/88	RFM	06/93 > 08/96	Manual		DAN537	14	95
Mondeo I 1.8 TD (GBP)	Diesel	66/90	RFN	10/95 > 08/96	Manual		DAN537	14	95
Mondeo I 2.0 i 16V (GBP)	Petrol	100/136	NGA(ZH20)	02/93 > 08/96			DAN537	14	90
Mondeo I 2.0 i 16V (GBP)	Petrol	97/132	NGA(ZH20)	12/94 > 08/96	Manual		DAN537	14	90
Mondeo I 2.0 i 16V 4x4 (GBP)	Petrol	97/132	NGA	12/94 > 08/96			DAN537	12	100
Mondeo I Estate 1.6 i 16V (BNP)	Petrol	65/88	L1J	07/94 > 08/96			DAN537	12	100
Mondeo I Estate 1.6 i 16V (BNP)	Petrol	66/90	L1F(ZH16)	04/93 > 08/96	Manual		DAN537	14	90
Mondeo I Estate 1.8 i 16V (BNP)	Petrol	82/112	RKB	07/94 > 08/96			DAN537	12	100
Mondeo I Estate 1.8 i 16V (BNP)	Petrol	85/115	RKA(ZH18M)	04/93 > 08/96	Manual		DAN537	14	90
Mondeo I Estate 1.8 i 16V 4x4 (BNP)	Petrol	85/115	RKA	04/93 > 08/96			DAN537	12	100
Mondeo I Estate 1.8 TD (BNP)	Diesel	65/88	RFM	06/93 > 08/96	Manual		DAN537	14	95
Mondeo I Estate 1.8 TD (BNP)	Diesel	66/90	RFM, RFN	11/95 > 08/96			DAN537	12	100
Mondeo I Estate 1.8 TD (BNP)	Diesel	66/90	RFN	11/95 > 08/96	Manual		DAN537	14	95
Mondeo I Estate 2.0 i 16V (BNP)	Petrol	100/136	NGA(ZH20)	04/93 > 08/96			DAN537	14	90
Mondeo I Estate 2.0 i 16V (BNP)	Petrol	97/132	NGA(ZH20)	01/93 > 08/96			DAN537	14	90
Mondeo I Estate 2.0 i 16V 4x4 (BNP)	Petrol	100/136	NGA	04/93 > 08/96			DAN537	12	100
Mondeo I Estate 2.0 i 16V 4x4 (BNP)	Petrol	97/132	NGA	12/94 > 08/96			DAN537	12	100
Mondeo I Saloon 1.6 i 16V (GBP)	Petrol	65/88	L1J	07/94 > 08/96			DAN537	12	100
Mondeo I Saloon 1.6 i 16V (GBP)	Petrol	66/90	L1F(ZH16)	02/93 > 08/96	Manual		DAN537	14	90
Mondeo I Saloon 1.8 i 16V (GBP)	Petrol	82/112	RKB	01/94 > 08/96			DAN537	12	100
Mondeo I Saloon 1.8 i 16V (GBP)	Petrol	85/115	RKA(ZH18M)	02/93 > 08/96			DAN537	14	90
Mondeo I Saloon 1.8 TD (GBP)	Diesel	65/88	RFM, RFN	06/93 > 08/96			DAN537	12	100
Mondeo I Saloon 1.8 TD (GBP)	Diesel	65/88	RFN	06/93 > 08/96	Manual		DAN537	14	95
Mondeo I Saloon 1.8 TD (GBP)	Diesel	66/90	RFN	10/95 > 08/96	Manual		DAN537	14	95
Mondeo I Saloon 2.0 i 16V (GBP)	Petrol	100/136	NGA(ZH20)	02/93 > 08/96			DAN537	14	90
Mondeo II 1.6 i 16V (BAP)	Petrol	70/95	L1L, L1N, L1Q	05/98 > 11/00			DAN537	12	100
Orion III 1.8 TD (GAL)	Diesel	66/90	RFE(D18T)	09/92 > 08/93	Manual		DAN504	14	70
Transit Box 2.0 (EAL, EAS)	Petrol	84/114	NSF, NSG	06/94 > 03/00			DAN537	12	100
Transit Bus 2.0 (EBL, EBS, ECL, EDS, EDL, EGL, ESS, ESL, EUS)	Petrol	84/114	NSF, NSG	09/95 > 03/00			DAN537	12	100
Transit Bus 2.0 CNG (E)	Bi-Fuel	84/114	NSH	06/94 > 03/00			DAN537	12	100
Transit Flatbed / Chassis 2.0	Petrol	84/114	NSF, NSG	08/94 > 03/00			DAN537	12	100

		kW/HP							Current (Amps)
FORD continued									
<i>(EME/L/S, ENE/L/S)</i>									
Transit Tourneo 2.0	Petrol	84/114	NSH	11/94 > 12/00		DAN537		12	100
FORD AUSTRALIA									
Focus Hatchback 2.0 i (LT)	Petrol	107/145		05/05 > 03/09		DAN934	Koyo OWC pulley, 6 ribs, air cooled	14	150
Focus Hatchback 2.0 TDCi (LT)	Diesel	100/136		04/07 > 03/09		DAN930	Koyo OWC pulley, 6 ribs, air cooled	14	150
IVECO									
Daily I 2.4 35-10	Diesel	68/92		01/85 > 12/89		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily I 2.4 35-10	Diesel	68/92		01/89 > 12/96		DAN609		14	55
Daily I 2.4 35-10 V,35-10 C	Diesel	68/92		01/85 > 12/89		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily I 2.4 35-8	Diesel	53/72		01/78 > 12/89		DAN607		14	65
Daily I 2.4 40-10	Diesel	68/92		01/85 > 12/89		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily I 2.4 40-10 V	Diesel	68/92		01/85 > 12/89		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily I 2.4 45-10	Diesel	68/92		01/85 > 12/89		DAN610		12, 14	55
Daily I 2.4 45-10 V	Diesel	68/92		01/85 > 12/89		DAN610		12, 14	55
Daily I 2.4 49-10	Diesel	68/92		01/85 > 12/89		DAN610		12, 14	55
Daily I 2.4 49-10 V	Diesel	68/92		01/85 > 12/89		DAN610		12, 14	55
Daily I 2.5 35-10	Diesel	68/92		01/89 > 12/96		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily I 2.5 35-10	Diesel	68/92		01/89 > 12/96		DAN609		14	55
Daily I 2.5 35-10	Diesel	80/109		01/89 > 12/96		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily I 2.5 35-10 V,35-10 C	Diesel	68/92		09/96 > 08/98		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily I 2.5 35-10 V,35-10 C	Diesel	76/103		01/89 > 08/98		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily I 2.5 35-10 V,35-10 C	Diesel	76/103		01/89 > 08/98		DAN609		14	55
Daily I 2.5 35-10 V,35-10 C	Diesel	76/103		07/92 > 05/99		DAN610		12, 14	55
Daily I 2.5 35-12	Diesel	85/116		01/90 > 04/96		DAN609		14	55
Daily I 2.5 35-12 V,35-12 C	Diesel	85/116		01/90 > 04/96		DAN609		14	55
Daily I 2.5 40-10 V	Diesel	76/103		01/90 > 04/96		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily I 2.5 40-10 V	Diesel	76/103		01/90 > 04/96		DAN610		12, 14	55
Daily I 2.5 45-10	Diesel	76/103		01/89 > 04/96		DAN610		12, 14	55
Daily I 2.5 45-10	Diesel	76/103		01/91 > 04/96		DAN609		14	55
Daily I 2.5 45-10 V	Diesel	76/103		01/89 > 04/96		DAN610		12, 14	55
Daily I 2.5 49-10	Diesel	76/103		01/89 > 04/96		DAN609		14	55
Daily I 2.5 49-10	Diesel	76/103		07/92 > 05/99		DAN610		12, 14	55
Daily I 2.5 49-10 K	Diesel	76/103		01/89 > 04/96		DAN609		14	55
Daily I 2.5 49-10 K	Diesel	76/103		07/92 > 05/99		DAN610		12, 14	55
Daily I 2.5 59-12	Diesel	85/116		05/91 > 04/96		DAN609		14	55
Daily I 2.5 59-12 K	Diesel	85/116		05/91 > 04/96		DAN609		14	55
Daily I 2.5 59-12 V	Diesel	85/116		05/91 > 04/96		DAN609		14	55
Daily I 2.5 A 40-10	Diesel	76/103		01/91 > 12/96		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily I 2.5 A 40-10	Diesel	76/103		09/96 > 12/96		DAN609		14	55
Daily I 2.8 30-10	Diesel	76/103		01/96 > 05/99		DAN610		12, 14	55
Daily I 2.8 35-10	Diesel	76/103		01/96 >		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily I 2.8 35-10	Diesel	76/103		01/96 >		DAN609		14	55
Daily I 2.8 35-10 K	Diesel	76/103		01/97 >		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily I 2.8 35-10 K	Diesel	76/103		01/97 >		DAN609		14	55
Daily I 2.8 35-10 K	Diesel	76/103		01/97 > 05/99		DAN610		12, 14	55
Daily I 2.8 35-10 V,35-10 C	Diesel	76/103		01/89 >		DAN609		14	55
Daily I 2.8 35-10 V,35-10 C	Diesel	76/103		01/96 >		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily I 2.8 35-10 V,35-10 C	Diesel	76/103		07/92 > 05/99		DAN610		12, 14	55
Daily I 2.8 35-12	Diesel	90/122		05/96 >		DAN609		14	55
Daily I 2.8 40-10 W	Diesel	76/103		01/97 >		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily I 2.8 40-10 W	Diesel	76/103		01/97 >		DAN610		12, 14	55
Daily I 2.8 40-10 WV,40-10 WC	Diesel	76/103		01/97 >		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily I 2.8 40-10 WV,40-10 WC	Diesel	76/103		01/97 >		DAN610		12, 14	55
Daily I 2.8 49-10	Diesel	76/103		01/89 >		DAN609		14	55
Daily I 2.8 49-10	Diesel	76/103		07/92 > 05/99		DAN610		12, 14	55
Daily I 2.8 49-10 K	Diesel	76/103		01/89 >		DAN609		14	55
Daily I 2.8 59-12	Diesel	90/122		05/96 >		DAN609		14	55
Daily I 2.8 59-12 K	Diesel	90/122		05/96 >		DAN609		14	55
Daily I 2.8 59-12 V	Diesel	90/122		05/96 >		DAN609		14	55
Daily I 2.8 A 40-10	Diesel	76/103		09/96 >		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily I 2.8 A 40-10	Diesel	76/103		09/96 >		DAN609		14	55
Daily I 2.8 A 40-12	Diesel	90/122		05/96 >		DAN609		14	55
Daily I 2.8 A 45-10	Diesel	76/103		05/96 >		DAN609		14	55
Daily II 2.3 35 C 10 V , 35 S 10 V	Diesel	70/95		09/02 >		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily II 2.3 35S10	Diesel	70/95		09/02 >		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily III 2.3 35C10 K, 35C10 DK	Diesel	70/95		05/06 >		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily III 2.3 35C10 V, 35S10 V	Diesel	70/95		05/06 >		DAN515	+ belt pulley Ø:48mm	12, 14	90









Starters & Alternators









Application Tables – Alternators









		KW/HP							Current (Amps)
IVECO continued									
Daily III 2.3 35C10, 35C10 D, 35S10, 35S10 D	Diesel	70/95		05/06 >		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily III 2.3 40C10 V	Diesel	70/95		05/06 >		DAN515	+ belt pulley Ø:48mm	12, 14	90
Daily III 2.3 40C10, 40C10 D, 40S10	Diesel	70/95		05/06 >		DAN515	+ belt pulley Ø:48mm	12, 14	90
M 5.9 115-17	Diesel	130/177		01/86 > 12/91		DAN603		28	30
M 5.9 115-17 H	Diesel	130/177		01/86 > 12/91		DAN603		28	30
M 5.9 135-17	Diesel	130/177		01/86 > 12/91		DAN603		28	30
M 5.9 135-17 H	Diesel	130/177		01/86 > 12/92		DAN603		28	30
M 5.9 135-17 T	Diesel	130/177		01/86 > 12/91		DAN603		28	30
M 5.9 145-17	Diesel	130/177		02/86 > 12/91		DAN603		28	30
M 5.9 175-17	Diesel	130/177		09/86 > 12/92		DAN603		28	30
M 8.1 159-17	Diesel	124/169		12/85 > 09/86		DAN603		28	30
M 9.5 175-24	Diesel	176/239		09/86 > 11/92		DAN603		28	30
M 9.5 175-24 T	Diesel	176/239		09/86 > 11/92		DAN603		28	30
M 9.6 165-24 R	Diesel	177/241		06/82 > 09/86		DAN603		28	30
M 9.6 165-24 T	Diesel	177/241		06/82 > 09/86		DAN603		28	30
MK 6.1 80-13 A	Diesel	96/131		01/83 > 12/91		DAN603		28	30
MK 6.1 80-13 AH	Diesel	96/131		01/83 > 12/91		DAN603		28	30
MK 6.1 80-13 AT	Diesel	96/131		01/83 > 12/91		DAN603		28	30
MK 6.1 80-13 AW	Diesel	96/131		01/83 > 12/91		DAN603		28	30
MK 6.1 80-16 A	Diesel	118/160		01/83 > 12/91		DAN603		28	30
MK 6.1 80-16 AW	Diesel	118/160		01/86 > 12/89		DAN603		28	30
P/PA 12.8 260-30 AH	Diesel	225/306		06/86 > 05/90		DAN603		28	30
P/PA 12.8 260-30 AHT	Diesel	225/306		06/86 > 05/90		DAN603		28	30
P/PA 12.8 260-30 AHW	Diesel	225/306		06/86 > 05/90		DAN603		28	30
P/PA 13.8 190-30 H	Diesel	224/305		04/87 > 12/92		DAN603		28	30
P/PA 13.8 190-30 HT	Diesel	224/305		01/89 > 12/92		DAN603		28	30
P/PA 13.8 190-30 HW	Diesel	224/305		04/87 > 12/92		DAN603		28	30
P/PA 13.8 330-30 H	Diesel	224/305		06/84 > 12/92		DAN603		28	30
P/PA 16.0 190-32 AH	Diesel	235/320		01/83 > 12/85		DAN603		28	30
P/PA 16.0 190-32 AHW	Diesel	235/320		01/83 > 12/85		DAN603		28	30
P/PA 16.0 260-32 AH	Diesel	235/320		01/83 > 12/85		DAN603		28	30
P/PA 16.0 260-32 AHT	Diesel	235/320		01/83 > 12/85		DAN603		28	30
P/PA 16.0 260-32 AHW	Diesel	235/320		01/83 > 12/85		DAN603		28	30
Turbostar 13.8 190-33	Diesel	243/330		07/84 > 05/87		DAN603		28	30
Turbostar 13.8 190-33 P	Diesel	243/330		01/86 > 12/87		DAN603		28	30
Turbostar 13.8 190-33 T	Diesel	243/330		07/84 > 05/87		DAN603		28	30
Turbostar 13.8 190-36	Diesel	265/360		07/87 > 06/90		DAN603		28	30
Turbostar 13.8 190-36	Diesel	277/377		07/90 > 12/93		DAN603		28	30
Turbostar 13.8 190-36 P	Diesel	265/360		07/87 > 06/90		DAN603		28	30
Turbostar 13.8 190-36 P	Diesel	277/377		07/90 > 12/93		DAN603		28	30
Turbostar 13.8 190-36 T	Diesel	265/360		07/87 > 12/93		DAN603		28	30
Turbostar 17.2 190-42 T	Diesel	309/420		07/84 > 12/90		DAN603		28	30
Turbostar 17.2 190-48	Diesel	350/476		03/89 > 12/93		DAN603		28	30
Turbotech 13.8 220-36 PT	Diesel	277/377		01/90 > 12/92		DAN603		28	30
Zeta 3.7 50-8	Diesel	63/86		01/83 > 12/86		DAN603		28	30
Zeta 3.7 50-8 H	Diesel	63/86		01/83 > 12/86		DAN603		28	30
Zeta 3.7 50-8 V	Diesel	63/86		01/83 > 12/86		DAN603		28	30
Zeta 3.7 60-8	Diesel	63/86		11/79 > 12/82		DAN603		28	30
Zeta 3.9 50-9	Diesel	65/88		01/87 > 03/91		DAN603		28	30
Zeta 3.9 50-9 H	Diesel	65/88		01/87 > 03/91		DAN603		28	30
Zeta 3.9 50-9 V	Diesel	65/88		01/87 > 03/91		DAN603		28	30
Zeta 3.9 60-11	Diesel	74/101		01/87 > 03/91		DAN603		28	30
Zeta 3.9 60-11 V	Diesel	74/101		01/87 > 03/91		DAN603		28	30
Zeta 3.9 65-12	Diesel	85/116		01/87 > 03/91		DAN603		28	30
Zeta 3.9 65-12 H	Diesel	85/116		01/87 > 03/91		DAN603		28	30
Zeta 3.9 65-12 V	Diesel	85/116		01/87 > 03/91		DAN603		28	30
Zeta 3.9 79-12	Diesel	85/116		01/87 > 03/91		DAN603		28	30
Zeta 3.9 79-12 H	Diesel	85/116		01/87 > 03/91		DAN603		28	30
Zeta 4.6 50-10	Diesel	74/101		01/79 > 10/83		DAN603		28	30
Zeta 4.6 50-10 H	Diesel	74/101		01/79 > 10/83		DAN603		28	30
Zeta 4.6 50-10 V	Diesel	74/101		01/79 > 10/83		DAN603		28	30
Zeta 4.6 60-10	Diesel	74/101		05/82 > 12/86		DAN603		28	30
Zeta 4.6 60-10 H	Diesel	74/101		05/82 > 12/86		DAN603		28	30
Zeta 4.6 60-10 V	Diesel	74/101		05/82 > 12/86		DAN603		28	30
Zeta 4.6 65-10	Diesel	74/101		05/83 > 01/87		DAN603		28	30
Zeta 4.6 65-10 H	Diesel	74/101		05/83 > 01/87		DAN603		28	30
Zeta 4.6 65-10 V	Diesel	74/101		05/83 > 01/87		DAN603		28	30
Zeta 4.6 79-10	Diesel	74/101		01/83 > 01/87		DAN603		28	30



		kW/HP							Current (Amps)
IVECO continued									
Zeta 4.6 79-10 H	Diesel	74/101		01/83 > 01/87		DAN603		28	30
Zeta 4.6 79-10 V	Diesel	74/101		01/83 > 01/87		DAN603		28	30
Zeta 5.5 79-13	Diesel	96/131		11/79 > 12/83		DAN603		28	30
Zeta 5.5 95-14	Diesel	101/137		11/85 > 03/91		DAN603		28	30
Zeta 5.5 95-14	Diesel	99/135		07/83 > 10/85		DAN603		28	30
Zeta 5.5 95-14 H	Diesel	101/137		11/85 > 03/91		DAN603		28	30
Zeta 5.5 95-14 H	Diesel	99/135		07/83 > 10/85		DAN603		28	30
Zeta 5.9 109-14	Diesel	101/137		11/85 > 03/91		DAN603		28	30
Zeta 5.9 109-14 H	Diesel	101/137		11/85 > 03/91		DAN603		28	30
Zeta 5.9 79-14	Diesel	101/137		12/85 > 03/91		DAN603		28	30
Zeta 5.9 79-14 H	Diesel	101/137		12/85 > 03/91		DAN603		28	30
Zeta 5.9 79-14 V	Diesel	101/137		12/85 > 03/91		DAN603		28	30
LANCIA									
Dedra 1.6 16V (835EI)	Petrol	76/103	182A4.000	02/97 > 07/99	Manual	DAN525		14	75
Dedra 1.6 i.e. (835AA)	Petrol	66/90	835A1.000	09/89 > 06/94	Manual	DAN617	+ power steering	14	65
Dedra 1.6 i.e. (835AB)	Petrol	57/78	835A1.046	09/89 > 03/93	Manual	DAN617	+ power steering	14	65
Dedra 1.6 i.e. (835AN)	Petrol	55/75	835C1.000	04/93 > 07/99	Manual	DAN617	+ power steering	14	65
Dedra 1.6 LE (835EB) CAT	Petrol	66/90	835A1.000	07/94 > 08/97	Manual	DAN617	+ power steering	14	65
Dedra 1.8 16V LE (835FG)	Petrol	83/113	182A2.000	03/96 > 10/98	Manual	DAN632		14	100
Dedra 1.8 GT 16V (835EH)	Petrol	96/131	183A1.000	03/96 > 07/99	Manual	DAN632		14	100
Dedra 1.8 i.e. (835AC, 835BC)	Petrol	80/109	835A2.000	09/89 > 06/94	Manual	DAN615		14	65
Dedra 1.8 i.e. (835AC, 835BC)	Petrol	80/109	835A2.000	09/89 > 06/94	Manual	DAN615	eng.->1.308.019	14	65
Dedra 1.8 i.e. (835AT)	Petrol	66/90	835C5.000	08/93 > 07/99	Manual	DAN615		14	65
Dedra 1.8 i.e. (835AT)	Petrol	66/90	835C5.000	08/93 > 07/99	Manual	DAN615	eng.->1.308.019	14	65
Dedra 1.8 i.e. (835BD, 835AD)	Petrol	77/105	835A2.046	09/89 > 07/99	Manual	DAN615		14	65
Dedra 1.8 i.e. (835BD, 835AD)	Petrol	77/105	835A2.046	09/89 > 07/99	Manual	DAN615	eng.->1.308.019	14	65
Dedra 1.8 i.e. (835FA)	Petrol	74/101	836A5.000	07/94 > 08/97	Manual	DAN615		14	65
Dedra SW 1.6 (835EB)	Petrol	66/90	159B9.000	10/94 > 08/97	Manual	DAN617		14	65
Dedra SW 1.6 16V (835EI)	Petrol	76/103	182A4.000	02/97 > 07/99	Manual	DAN525		14	75
Dedra SW 1.8 16V LE (835FG)	Petrol	83/113	182A2.000	03/96 > 04/97	Manual	DAN632		14	100
Dedra SW 1.8 GT 16V (835EH)	Petrol	96/131	183A1.000	03/96 > 07/99	Manual	DAN632		14	100
Dedra SW 1.8 i.e. (835FA)	Petrol	74/101	836A5.000	07/94 > 08/97	Manual	DAN615		14	65
Delta I 1.3 (831AB0)	Petrol	58/79		09/83 > 08/92		DAN610		14	55
Delta I 1.3 (831AB.011)	Petrol	55/75	831 A2.000, 831 B.000	09/79 > 07/85		DAN610		14	55
Delta I 1.3 (831AB.011)	Petrol	55/75	831 A2.000, 831 B.000	09/79 > 08/92		DAN616		12	55
Delta I 1.5 (831AB.025)	Petrol	63/86	831 A1.000, 831 B1.000	09/79 > 07/85		DAN610		14	55
Delta I 1.5 (831AB.025)	Petrol	63/86	831 A1.000, 831 B1.000	09/79 > 12/92		DAN616		12	55
Delta I 1.6 GT i.e. (831AB.010)	Petrol	66/90	149C2.000	05/87 > 08/92	Manual	DAN611		14	65
Delta I 2.0 16V HF Evo Integrale (831AB.027)	Petrol	155/211	831E5.000, 831E5.046	06/93 > 01/94	Manual	DAN611		14	65
Delta I 2.0 16V HF Integrale (831AB.026)	Petrol	144/196	831D5.000	08/89 > 09/91	Manual	DAN611		14	65
Delta I 2.0 HF Integrale (831AB.019)	Petrol	122/166	831B5.000	11/86 > 09/87	Manual	DAN611		14	65
Delta I 2.0 HF Integrale (831AB.024)	Petrol	133/181	831C5.000	10/87 > 02/89	Manual	DAN611		14	65
Delta I 2.0 HF Integrale (831AB.024S, 831AB.028)	Petrol	130/177	831C5.046	05/87 > 12/92	Manual	DAN611		14	65
Delta II 1.4 i.e. (836AF, 836AH)	Petrol	51/69	160A1.046, 836A4.000	10/94 > 08/99	Manual	DAN617		14	65
Delta II 1.6 i.e. (836AD)	Petrol	55/75	835C1.000	11/93 > 08/96	Manual	DAN617		14	65
Delta II 1.6 i.e. (836AP)	Petrol	66/90	182A6.000	03/96 > 08/99	Manual	DAN525		14	75
Delta II 1.6 i.e. 16V (836AO)	Petrol	76/103	182A4.000	01/96 > 08/99	Manual	DAN525		14	75
Delta II 1.8 i.e. (836AE)	Petrol	76/103	835C2.000	11/93 > 08/96	Manual	DAN615		14	65
Delta II 1.8 i.e. (836AG, 836AL)	Petrol	66/90	835C4.000, 836A6.000	11/94 > 08/96	Manual	DAN615		14	65
Delta II 1.8 i.e. 16V (836AQ)	Petrol	83/113	182A2.000	03/96 > 04/98	Manual	DAN632		14	100
Delta II 1.8 i.e. 16V GT (836AR)	Petrol	96/131	183A1.000	03/96 > 08/99	Manual	DAN632		14	100
Kappa 2.0 20V (838AA1AA)	Petrol	107/146	838 A1.000	10/94 > 10/01		DAN502	+ v-ribbed belt pulley	12	100
Kappa 2.0 20V (838AA1AA)	Petrol	107/146	838A1.000	10/94 > 10/01		DAN502		14	100
Kappa 2.0 20V (838AA1AA)	Petrol	107/146	838A1.000	10/94 > 10/01		DAN641	Belt pulley, 6 ribs	14	100
Kappa 2.0 20V (838AG1AA, 838AG11A)	Petrol	114/155	838A6.000	09/96 > 10/01		DAN502		14	100
Kappa 2.0 20V (838AG1AA, 838AG11A)	Petrol	114/155	838A6.000	09/96 > 10/01		DAN641	Belt pulley, 6 ribs	14	100
Kappa 2.4 20V (838AC1AA, 838AC11A)	Petrol	129/175	838A2.000	10/94 > 10/01	Manual	DAN502		14	100
Kappa 2.4 20V (838AC1AA, 838AC11A)	Petrol	129/175	838A2.000	10/94 > 10/01	Manual	DAN641	Belt pulley, 6 ribs	14	100
Kappa 2.4 20V (838AC1AA, 838AC11A)	Petrol	129/175	838A2.000, 838A2.027	10/94 > 10/01	Manual	DAN502		14	100









		KW/HP							Current (Amps)
LANCIA continued									
Kappa 2.4 20V (838AC1AA, 838AC11A)	Petrol	129/175	838A2.000, 838A2.027	10/94 > 10/01	Manual	DAN641	Belt pulley, 6 ribs	14	100
Kappa 2.4 JTD (838AL1AA)	Diesel	100/136	838 A8.000	06/98 > 10/01	Manual	DAN502	+ v-ribbed belt pulley	12	100
Kappa 2.4 JTD (838AL1AA)	Diesel	100/136	838A8.000	06/98 > 10/01	Manual	DAN502	+/- A/C	14	100
Kappa 2.4 JTD (838AL1AA)	Diesel	100/136	838A8.000	06/98 > 10/01	Manual	DAN641	Belt pulley, 6 ribs, +/- A/C	14	100
Kappa 2.4 T.DS (838AE1AA, 838AH1AA)	Diesel	91/124	838 A3.000, 838 A7.000	08/94 > 10/01		DAN502	+ v-ribbed belt pulley,	12	100
Kappa 2.4 T.DS (838AE1AA, 838AH1AA)	Diesel	91/124	838A3.000, 838A7.000	08/94 > 10/01	Manual	DAN502	+/- A/C	14	100
Kappa 2.4 T.DS (838AE1AA, 838AH1AA)	Diesel	91/124	838A3.000, 838A7.000	08/94 > 10/01	Manual	DAN641	Belt pulley, 6 ribs, +/- A/C	14	100
Kappa SW 2.0 20V (838BG1AA)	Petrol	114/155	838A6.000	09/96 > 05/01	Manual	DAN502		14	100
Kappa SW 2.0 20V (838BG1AA)	Petrol	114/155	838A6.000	09/96 > 05/01	Manual	DAN641	Belt pulley, 6 ribs	14	100
Kappa SW 2.4 20V (838BC1AA, 838BC11A)	Petrol	129/175	838A2.000	09/96 > 10/01	Manual, 5-speed	DAN502		14	100
Kappa SW 2.4 20V (838BC1AA, 838BC11A)	Petrol	129/175	838A2.000	09/96 > 10/01	Manual, 5-speed	DAN641	Belt pulley, 6 ribs	14	100
Kappa SW 2.4 JTD (838BL1AA)	Diesel	100/136	838 A8.000	06/98 > 12/00	Manual	DAN502	+ v-ribbed belt pulley	12	100
Kappa SW 2.4 JTD (838BL1AA)	Diesel	100/136	838A8.000	06/98 > 05/01	Manual	DAN502	+/- A/C	14	100
Kappa SW 2.4 JTD (838BL1AA)	Diesel	100/136	838A8.000	06/98 > 05/01	Manual	DAN641	Belt pulley, 6 ribs, +/- A/C	14	100
Kappa SW 2.4 T.DS (838BH1AA)	Diesel	91/124	838 A3.000, 838 A7.000	09/96 > 02/98	Manual, 5-speed	DAN502	+ v-ribbed belt pulley	12	100
Kappa SW 2.4 T.DS (838BH1AA)	Diesel	91/124	838A7.000	09/96 > 02/98	Manual	DAN502	+/- A/C	14	100
Kappa SW 2.4 T.DS (838BH1AA)	Diesel	91/124	838A7.000	09/96 > 02/98	Manual	DAN641	Belt pulley, 6 ribs, +/- A/C	14	100
Lybra 1.8 16V (839AXB1A, 839AXG1A)	Petrol	96/131	839 A4.000, 839 A7.000, 839 A9.000	07/99 >	Manual, 5-speed	DAN502	+ v-ribbed belt pulley	12	100
Lybra 1.8 16V (839AXB1A, 839AXG1A)	Petrol	96/131	839A4.000, 839A7.000	07/99 >	Manual	DAN502		14	100
Lybra 1.8 16V (839AXB1A, 839AXG1A)	Petrol	96/131	839A4.000, 839A7.000	07/99 >	Manual	DAN641	Belt pulley, 6 ribs	14	100
Lybra 1.8 16V (839AXB1A, 839AXG1A)	Petrol	96/131	839A4.000, 839A7.000	07/99 >	Manual	DAN641	Belt pulley, 6 ribs	14	120
Lybra 1.9 JTD (839AX)	Diesel	85/116	937 A2.000	05/01 >		DAN501	+ belt pulley, air cooled	14	105
Lybra 1.9 JTD (839AX)	Diesel	85/116	937 A2.000	05/01 >		DAN502	+ v-ribbed belt pulley	12	100
Lybra 1.9 JTD (839AX)	Diesel	85/116	937A2.000	05/01 >	Manual	DAN501	- A/C, air cooled	14	120
Lybra 1.9 JTD (839AXD1A)	Diesel	77/105	AR32302	07/99 > 09/00	Manual	DAN502	- A/C	14	90, 100
Lybra 1.9 JTD (839AXD1A)	Diesel	77/105	AR32302	07/99 > 09/00	Manual	DAN502	+ A/C	14	90, 100
Lybra 1.9 JTD (839AXD1A)	Diesel	77/105	AR32302	07/99 > 09/00	Manual	DAN633	- A/C	14	85
Lybra 1.9 JTD (839AXD1A)	Diesel	77/105	AR32302	07/99 > 09/00	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
Lybra 1.9 JTD (839AXD1A)	Diesel	77/105	AR32302	07/99 > 09/00	Manual	DAN641	Belt pulley, 6 ribs, - A/C	14	85
Lybra 1.9 JTD (839AXI1A)	Diesel	81/110	AR 37101	10/00 > 05/01		DAN501	+ belt pulley, air cooled	14	105
Lybra 1.9 JTD (839AXI1A)	Diesel	81/110	AR 37101	10/00 > 05/01		DAN502	+ v-ribbed belt pulley	12	100
Lybra 1.9 JTD (839AXI1A)	Diesel	81/110	AR37101	11/00 > 05/01	Manual	DAN501	- A/C, air cooled	14	120
Lybra 2.4 JTD (839AX)	Diesel	110/150	841 C.000	05/02 >		DAN502	+ v-ribbed belt pulley	12	100
Lybra 2.4 JTD (839AXE1A)	Diesel	99/135	839 A5.000, AR 32501	07/99 > 09/00	Manual, 5-speed	DAN502	+ v-ribbed belt pulley	12	100
Lybra 2.4 JTD (839AXE1A)	Diesel	99/135	839A5.000, AR32501	07/99 > 09/00	Manual	DAN502		14	100
Lybra 2.4 JTD (839AXE1A)	Diesel	99/135	839A5.000, AR32501	07/99 > 09/00	Manual	DAN641	Belt pulley, 6 ribs	14	100
Lybra 2.4 JTD (839AXL1A)	Diesel	103/140	839 A6.000	10/00 > 04/02		DAN502	+ v-ribbed belt pulley	12	100
Lybra SW 1.8 16V (839BXB1A, 839BXC1A)	Petrol	96/131	839 A4.000, 839 A7.000	07/99 >	Manual, 5-speed	DAN502	+ v-ribbed belt pulley	12	100
Lybra SW 1.8 16V (839BXB1A, 839BXC1A)	Petrol	96/131	839A4.000, 839A7.000	07/99 >	Manual	DAN502		14	100
Lybra SW 1.8 16V (839BXB1A, 839BXC1A)	Petrol	96/131	839A4.000, 839A7.000	07/99 >	Manual	DAN641	Belt pulley, 6 ribs	14	100
Lybra SW 1.8 16V (839BXB1A, 839BXC1A)	Petrol	96/131	839A4.000, 839A7.000	07/99 >	Manual	DAN641	Belt pulley, 6 ribs	14	120
Lybra SW 1.9 JTD (839BX)	Diesel	85/116	937 A2.000	05/01 >		DAN501	+ belt pulley, air cooled	14	105
Lybra SW 1.9 JTD (839BX)	Diesel	85/116	937 A2.000	05/01 >		DAN502	+ v-ribbed belt pulley	12	100
Lybra SW 1.9 JTD (839BX)	Diesel	85/116	937A2.000	05/01 >	Manual	DAN501	- A/C, air cooled	14	120
Lybra SW 1.9 JTD (839BXD1A)	Diesel	77/105	AR 32302	07/99 > 09/99		DAN502	+ v-ribbed belt pulley, + A/C	12	90, 100
Lybra SW 1.9 JTD (839BXD1A)	Diesel	77/105	AR32302	07/99 > 09/00	Manual	DAN502	- A/C	14	90, 100









		kW/HP							Current (Amps)
LANCIA continued									
Lybra SW 1.9 JTD (839BXD1A)	Diesel	77/105	AR32302	07/99 > 09/00	Manual	DAN502	+ A/C	14	90, 100
Lybra SW 1.9 JTD (839BXD1A)	Diesel	77/105	AR32302	07/99 > 09/00	Manual	DAN633	- A/C	14	85
Lybra SW 1.9 JTD (839BXD1A)	Diesel	77/105	AR32302	07/99 > 09/00	Manual	DAN641	Belt pulley, 6 ribs, + A/C	14	100
Lybra SW 1.9 JTD (839BXD1A)	Diesel	77/105	AR32302	07/99 > 09/00	Manual	DAN641	Belt pulley, 6 ribs, - A/C	14	85
Lybra SW 1.9 JTD (839BXI1A)	Diesel	81/110	AR 37101	10/00 > 05/01		DAN501	+ belt pulley, air cooled	14	105
Lybra SW 1.9 JTD (839BXI1A)	Diesel	81/110	AR 37101	10/00 > 05/01		DAN502	+ v-ribbed belt pulley	12	100
Lybra SW 1.9 JTD (839BXI1A)	Diesel	81/110	AR37101	11/00 > 05/01	Manual	DAN501	- A/C, air cooled	14	120
Lybra SW 2.4 JTD (839BX)	Diesel	110/150	841 C.000	05/02 >		DAN502	+ v-ribbed belt pulley	12	100
Lybra SW 2.4 JTD (839BXE1A)	Diesel	99/135	839 A5.000, AR 32501	10/99 > 09/00	Manual, 5-speed	DAN502	+ v-ribbed belt pulley	12	100
Lybra SW 2.4 JTD (839BXE1A)	Diesel	99/135	839A5.000, AR32501	10/99 > 09/00	Manual	DAN502		14	100
Lybra SW 2.4 JTD (839BXE1A)	Diesel	99/135	839A5.000, AR32501	10/99 > 09/00	Manual	DAN641	Belt pulley, 6 ribs	14	100
Lybra SW 2.4 JTD (839BXL1A)	Diesel	103/140	839 A6.000	10/00 >		DAN502	+ v-ribbed belt pulley	12	100
Musa 1.4	Petrol	57/78	350 A1.000	09/09 >		DAN517	+ belt pulley, air cooled	14	70
Musa 1.4	Petrol	70/95	843 A 1.000	10/04 >		DAN519		12	90
Musa 1.9 D Multijet	Diesel	74/101	188B2.000	10/07 >	Manual	DAN501	ch.->C10706, + A/C, air cooled	14	120
Prisma 2.0 i.e. 4WD (831AB0)	Petrol	85/115	828B1.000	04/86 > 12/89	Manual	DAN611		14	65
Thema 2.0 2000 i.e (834AB)	Petrol	86/117	834B.000	09/88 > 10/89	Manual	DAN615		14	65
Thema 2.0 2000 i.e. (834)	Petrol	83/113	834B1.000	06/87 > 09/88	Manual	DAN615		14	65
Thema 2.0 2000 i.e. (834B)	Petrol	88/120	834B.000	11/84 > 09/88	Manual	DAN615		14	65
Thema 2.0 2000 i.e. (834BV)	Petrol	85/115	834B1.000	09/87 > 05/92	Manual	DAN615		14	65
Thema 2.0 2000 i.e. Turbo (834CV)	Petrol	110/150	834C1.146	07/86 > 05/90	Manual	DAN615		14	65
Thesis 2.0 Turbo (841AXA1B03)	Petrol	136/185	841 E.000	07/02 >	Manual, 6-speed	DAN512	+ belt pulley, air cooled	14	140
Thesis 2.4 (841AXB1B00)	Petrol	125/170	841 D.000	07/02 >	Manual, 6-speed	DAN512	+ belt pulley, air cooled	14	140
Thesis 2.4 D Multijet (841AX)	Diesel	136/185	841H.000	04/06 >	Automatic	DAN643		14	140
Thesis 2.4 JTD (841AX)	Diesel	129/175	841G.000	09/03 >		DAN643		14	140
Thesis 2.4 JTD (841AXD1B02)	Diesel	110/150	841C.000	09/02 >	Manual	DAN643		14	140
Y 1.1 (840AE)	Petrol	40/54	176B2.000	11/95 > 08/00	Manual	DAN511	+ A/C	14	100
Y 1.1 (840AE)	Petrol	40/54	176B2.000	11/95 > 08/00	Manual	DAN511	- A/C	14	65
Y 1.2 (840AA, 840AF1A)	Petrol	44/60	188 A4.000, 840 A3.000	03/96 > 09/03		DAN511			
Y 1.2 (840AA, 840AF1A)	Petrol	44/60	840A3.000	03/96 > 08/00		DAN511	+ A/C	14	100
Y 1.2 (840AA, 840AF1A)	Petrol	44/60	840A3.000	03/96 > 08/00		DAN511	- A/C	14	65
Y 1.2 (840AA, 840AF1A)	Petrol	44/60	840A3.000	03/96 > 08/00		DAN630	+ power steering	14	65
Y 1.2 16V (840AD)	Petrol	63/86	176B9.000	04/97 > 08/00	Manual	DAN629	+ A/C	14	85
Y 1.4 12V (840AB)	Petrol	59/80	840A2.000	10/96 > 08/00	Manual	DAN636	eng.->130749, + A/C	14	75
Y 1.4 12V (840AB)	Petrol	59/80	840A2.000	10/96 > 09/03	Manual	DAN636	+ A/C	14	75
Y 1.4 12V (840AC)	Petrol	55/75	840A4.000	03/96 > 08/00	Manual	DAN636	eng.->130749, + A/C	14	75
Y 1.4 12V (840AC)	Petrol	55/75	840A4.000	03/96 > 09/03	Manual	DAN636	+ A/C	14	75
Y10 1.0 Fire (156)	Petrol	37/50	156A2.100	03/85 > 02/90	Manual	DAN605		14	45
Y10 1.0 Fire (156AA)	Petrol	33/45	156A2.000	03/85 > 06/89	Manual	DAN605		14	45
Y10 1.0 Fire (156AA)	Petrol	33/45	156A2.246	03/85 > 06/89	Manual	DAN574		14	55
Y10 1.0 Fire (156AE) CAT	Petrol	33/45	156A2.000	10/87 > 02/92	Manual	DAN605		14	45
Y10 1.0 Fire (156AE) CAT	Petrol	33/45	156A2.246	10/87 > 02/92	Manual	DAN574		14	55
Y10 1.0 Fire (156B, 156AD)	Petrol	32/44	156A2.100	06/85 > 06/89	Manual	DAN605		14	45
Y10 1.0 Fire 4WD (156)	Petrol	37/50	156A2.000, 156A3.000	12/87 > 06/89	Manual	DAN605		14	45
Y10 1.0 Fire 4WD (156AE)	Petrol	33/45	156A2.246	12/87 > 02/92	Manual	DAN574		14	55
Y10 1.1 Avenue (156AG)	Petrol	40/54	176B2.000	01/95 > 12/95		DAN575	eng.->6996085	14	55
Y10 1.1 Avenue 4WD (156AG)	Petrol	40/54	176B2.000	01/95 > 12/95	Manual	DAN575	eng.->6996085	14	55
Y10 1.1 i.e (156AC)	Petrol	42/57	156C.000	08/89 > 06/92		DAN574		14	55
Y10 1.1 i.e 4WD (156AC)	Petrol	42/57	156C.000	08/89 > 06/92	Manual	DAN574		14	55
Y10 1.1 i.e. Fire (156AG)	Petrol	37/50	156 C.046	07/89 > 09/95		DAN610		14	55
Y10 1.1 i.e. Fire (156AG)	Petrol	37/50	156C.046	07/89 > 09/95		DAN574		14	55
Y10 1.1 i.e. Fire (156AG)	Petrol	37/50	156C.046	07/89 > 09/95		DAN575	eng.->6996085	14	55
Y10 1.1 i.e. Fire 4WD (156AG)	Petrol	37/50	156 C.046	09/92 > 12/95		DAN610		14	55
Y10 1.1 i.e. Fire 4WD (156AG)	Petrol	37/50	156C.046	09/92 > 12/95	Manual	DAN574		14	55
Y10 1.1 i.e. Fire 4WD (156AG)	Petrol	37/50	156C.046	09/92 > 12/95	Manual	DAN575	eng.->6996085, + A/C	14	55
Ypsilon 1.2	Petrol	44/60	188 A4.000	10/03 >		DAN519		12	90
Ypsilon 1.2	Petrol	59/80	188 A5.000	10/03 >		DAN519		12	90
Ypsilon 1.4 16V	Petrol	70/95	843 A 1.000	10/03 >		DAN519		12	90
LAND ROVER									
Defender 2.5 90 TDI (LD)	Diesel	83/113	11L	01/95 >	Manual	DAN005		14	65









		KW/HP							Current (Amps)
LAND ROVER <i>continued</i>									
Defender Pickup 2.5 Td5 4WD (LD)	Diesel	90/122	11L	06/98 >	Manual	DAN005		14	65
Defender Station Wagon 2.5 90, 110 TDI (LD)	Diesel	83/113	11L	09/90 > 03/98	Manual	DAN005		14	65
Defender Station Wagon 2.5 Td5 4WD (LD)	Diesel	90/122	11L	06/98 >	Manual	DAN005		14	65
Defender Station Wagon 3.9 V8 (LD)	Petrol	136/185	36D	11/98 >	Automatic	DAN020		14	100
Discovery I 2.5 D 4x4 (LJ, LG)	Diesel	90/122	17L-122, 19L-122	07/94 > 10/98		DAN008	ch.->TA703236	14	100
Discovery I 2.5 TDI (LJ, LG)	Diesel	83/113	17L(300), 19L(300)	10/89 > 10/98	Manual, 5-speed	DAN008		14	100
Discovery I 3.9 V8 (LJ, LG)	Petrol	134/182	36D	09/93 > 06/94	Manual	DAN020	eng.->49322	14	100
Discovery II 2.5 D 4x4 (LJ, LT)	Diesel	90/122	17L-122, 19L-122	07/94 > 12/98		DAN008	ch.->TA703236	14	100
Discovery II 2.5 TDI (LJ, LT)	Diesel	83/113	17L(300), 19L(300)	08/96 >	Manual, 5-speed	DAN008		14	100
Discovery II 2.5 TDI (LJ, LT)	Diesel	90/122	17L-122, 19L-122	10/95 >	Automatic	DAN008	ch.->TA703236	14	100
Range Rover II 3.9 (LP)	Petrol	140/190	42D-190	07/94 > 02/02		DAN020		14	100
Range Rover II 4.0 (LP)	Petrol	136/185	42D-185	06/98 > 02/02		DAN020	ch.VA346794->	14	100
Range Rover II 4.6 (LP)	Petrol	160/218	46D-218	11/98 > 02/02	Automatic, 4-speed	DAN020		14	100
MERCEDES-BENZ									
E-Class Estate (S210) 2.3 E 230 T (210.237)	Petrol	110/150	M 111.970	06/96 > 06/97		DAN610		14	55
MINI									
Mini 1.4 One D (R50, R53)	Diesel	55/75	1ND-TV(88)	06/03 >	Manual	DAN981	+ auto climate control	14	130
Mini 1.4 One D (R50, R53)	Diesel	55/75	1ND-TV(88)	09/05 >	Manual	DAN982		14	130
Mini 1.4 One D (R50, R53)	Diesel	65/88	1ND-TV(88)	06/03 >	Manual	DAN981	+ auto climate control	14	130
Mini 1.4 One D (R50, R53)	Diesel	65/88	1ND-TV(88)	09/05 >	Manual	DAN982		14	130
OPEL									
Agila 1.3 CDTI	Diesel	55/75	Z 13 DTJ	05/08 >		DAN583		14	70
Agila 1.3 CDTI	Diesel	55/75	Z 13 DTJ	05/08 >		DAN584		14	105
Agila 1.3 CDTI	Diesel	55/75	Z 13 DTJ	05/08 >		DAN585		14	140
Agila 1.3 CDTI (H00)	Diesel	51/70	Z 13 DT	08/03 >		DAN583		14	70
Agila 1.3 CDTI (H00)	Diesel	51/70	Z 13 DT	08/03 >		DAN584		14	105
Agila 1.3 CDTI (H00)	Diesel	51/70	Z 13 DT	08/03 >		DAN585		14	140
Astra H 1.3 CDTI	Diesel	66/90	Z 13 DTH	08/05 >		DAN583		14	70
Astra H 1.3 CDTI	Diesel	66/90	Z 13 DTH	08/05 >		DAN584		14	105
Astra H 1.3 CDTI	Diesel	66/90	Z 13 DTH	08/05 >		DAN585		14	140
Astra H 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	09/05 >	Manual	DAN509		14	140
Astra H 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	09/05 >	Manual	DAN510		14	100
Astra H 1.9 CDTI	Diesel	88/120	Z19DTJ	11/06 >	Automatic	DAN506		14	100
Astra H 1.9 CDTI 16V	Diesel	88/120	Z19DT(E4-120)	09/05 >	Manual	DAN509		14	140
Astra H 1.9 CDTI 16V	Diesel	88/120	Z19DT(E4-120)	09/05 >	Manual	DAN510		14	100
Astra H 1.9 CDTI 16V	Diesel	88/120	Z19DTJ	11/06 >	Automatic	DAN506		14	100
Astra H Estate 1.3 CDTI	Diesel	66/90	Z 13 DTH	08/05 >		DAN583		14	70
Astra H Estate 1.3 CDTI	Diesel	66/90	Z 13 DTH	08/05 >		DAN584		14	105
Astra H Estate 1.3 CDTI	Diesel	66/90	Z 13 DTH	08/05 >		DAN585		14	140
Astra H Estate 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	09/05 >		DAN509		14	140
Astra H Estate 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	09/05 >		DAN510		14	100
Astra H Estate 1.9 CDTI	Diesel	88/120	Z19DTJ	11/06 >	Automatic	DAN506		14	100
Astra H Estate 1.9 CDTI 16V	Diesel	88/120	Z19DT(E4-120)	09/05 >		DAN509		14	140
Astra H Estate 1.9 CDTI 16V	Diesel	88/120	Z19DT(E4-120)	09/05 >		DAN510		14	100
Astra H Estate 1.9 CDTI 16V	Diesel	88/120	Z19DTJ	11/06 >	Automatic	DAN506		14	100
Astra H GTC 1.3 CDTI	Diesel	66/90	Z 13 DTH	08/05 >		DAN583		14	70
Astra H GTC 1.3 CDTI	Diesel	66/90	Z 13 DTH	08/05 >		DAN584		14	105
Astra H GTC 1.3 CDTI	Diesel	66/90	Z 13 DTH	08/05 >		DAN585		14	140
Astra H GTC 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	09/05 >	Manual	DAN509		14	140
Astra H GTC 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	09/05 >	Manual	DAN510		14	100
Astra H GTC 1.9 CDTI	Diesel	88/120	Z19DTJ	11/06 >	Automatic	DAN506		14	100
Astra H Twintop 1.6	Petrol	77/105	Z 16 XEP	10/05 >	Manual	DAN509		14	140
Astra H Twintop 1.6 Turbo	Petrol	132/180	Z 16 LET	02/07 >	Manual	DAN509		14	140
Astra H Twintop 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	12/05 >	Manual	DAN509		14	140
Corsa C 1.3 CDTI (F08, F68)	Diesel	51/70	Z 13 DT	07/03 >		DAN583		14	70
Corsa C 1.3 CDTI (F08, F68)	Diesel	51/70	Z 13 DT	07/03 >		DAN584		14	105
Corsa C 1.3 CDTI (F08, F68)	Diesel	51/70	Z 13 DT	07/03 >		DAN585		14	140
Corsa C Box 1.3 CDTI 16V (F08, W5L)	Diesel	51/69	Z 13 DT	08/05 >		DAN583		14	70
Corsa C Box 1.3 CDTI 16V (F08, W5L)	Diesel	51/69	Z 13 DT	08/05 >		DAN584		14	105
Corsa C Box 1.3 CDTI 16V (F08, W5L)	Diesel	51/69	Z 13 DT	08/05 >		DAN585		14	140
Corsa D 1.3 CDTI	Diesel	55/75	Z 13 DTJ	08/06 >		DAN583		14	70
Corsa D 1.3 CDTI	Diesel	55/75	Z 13 DTJ	08/06 >		DAN584		14	105
Corsa D 1.3 CDTI	Diesel	55/75	Z 13 DTJ	08/06 >		DAN585		14	140

		kW/HP							Current (Amps)
OPEL continued									
Corsa D 1.3 CDTI	Diesel	66/90	Z 13 DTH	08/06 >		DAN583		14	70
Corsa D 1.3 CDTI	Diesel	66/90	Z 13 DTH	08/06 >		DAN584		14	105
Corsa D 1.3 CDTI	Diesel	66/90	Z 13 DTH	08/06 >		DAN585		14	140
Meriva 1.3 CDTI	Diesel	51/69	Y 13 DT, Z 13 DT	04/05 >		DAN583		14	70
Meriva 1.3 CDTI	Diesel	51/69	Y 13 DT, Z 13 DT	04/05 >		DAN584		14	105
Meriva 1.3 CDTI	Diesel	51/69	Y 13 DT, Z 13 DT	04/05 >		DAN585		14	140
Signum 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	04/04 >		DAN506		14	100
Signum 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	04/04 >		DAN509		14	140
Signum 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	04/04 >		DAN510		14	100
Signum 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN506		14	100
Signum 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN509		14	140
Signum 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN510		14	100
Signum 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	04/04 >	Manual	DAN506		14	100
Signum 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	04/04 >	Manual	DAN509		14	140
Signum 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	04/04 >	Manual	DAN510		14	100
Tigra Twintop 1.3 CDTI	Diesel	51/69	Z 13 DT	06/04 >		DAN583		14	70
Tigra Twintop 1.3 CDTI	Diesel	51/69	Z 13 DT	06/04 >		DAN584		14	105
Tigra Twintop 1.3 CDTI	Diesel	51/69	Z 13 DT	06/04 >		DAN585		14	140
Vectra C 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	04/04 >		DAN506		14	100
Vectra C 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	04/04 >		DAN509		14	140
Vectra C 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	04/04 >		DAN510		14	100
Vectra C 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN506		14	100
Vectra C 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN509		14	140
Vectra C 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN510		14	100
Vectra C 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	04/04 >	Manual	DAN506		14	100
Vectra C 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	04/04 >	Manual	DAN509		14	140
Vectra C 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	04/04 >	Manual	DAN510		14	100
Vectra C Estate 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	04/04 >		DAN506		14	100
Vectra C Estate 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	04/04 >		DAN509		14	140
Vectra C Estate 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	04/04 >		DAN510		14	100
Vectra C Estate 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN506		14	100
Vectra C Estate 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN509		14	140
Vectra C Estate 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN510		14	100
Vectra C Estate 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	04/04 >	Manual	DAN506		14	100
Vectra C Estate 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	04/04 >	Manual	DAN509		14	140
Vectra C Estate 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	04/04 >	Manual	DAN510		14	100
Vectra C GTS 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	04/04 >		DAN506		14	100
Vectra C GTS 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	04/04 >		DAN509		14	140
Vectra C GTS 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	04/04 >		DAN510		14	100
Vectra C GTS 1.9 CDTI	Diesel	74/100	Z19DT(E4-120)	10/05 >	Manual	DAN506		14	100
Vectra C GTS 1.9 CDTI	Diesel	74/100	Z19DT(E4-120)	10/05 >	Manual	DAN509		14	140
Vectra C GTS 1.9 CDTI	Diesel	74/100	Z19DT(E4-120)	10/05 >	Manual	DAN510		14	100
Vectra C GTS 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	04/04 >	Manual	DAN506		14	100
Vectra C GTS 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	04/04 >	Manual	DAN509		14	140
Vectra C GTS 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	04/04 >	Manual	DAN510		14	100
Zafira 1.9 CDTI	Diesel	110/150	F(150), Z19DTH	07/08 >		DAN506	ch.->7G150345	12	120
Zafira 1.9 CDTI	Diesel	110/150	F(150), Z19DTH	07/08 >		DAN506	ch.->7G150345	14	100
Zafira 1.9 CDTI	Diesel	110/150	F(150), Z19DTH	07/08 >		DAN509	ch.->7G150345	12	130
Zafira 1.9 CDTI	Diesel	110/150	F(150), Z19DTH	07/08 >		DAN509	ch.->7G150345	14	140
Zafira 1.9 CDTI	Diesel	110/150	F(150), Z19DTH	07/08 >		DAN510	ch.->7G150345	12	105
Zafira 1.9 CDTI	Diesel	110/150	F(150), Z19DTH	07/08 >		DAN510	ch.->7G150345	14	100
Zafira 1.9 CDTI	Diesel	74/100	F(100), Z19DTL	07/08 >	Manual	DAN506	ch.->7G150345	12	120
Zafira 1.9 CDTI	Diesel	74/100	F(100), Z19DTL	07/08 >	Manual	DAN506	ch.->7G150345	14	100
Zafira 1.9 CDTI	Diesel	74/100	F(100), Z19DTL	07/08 >	Manual	DAN509	ch.->7G150345	12	130
Zafira 1.9 CDTI	Diesel	74/100	F(100), Z19DTL	07/08 >	Manual	DAN509	ch.->7G150345	14	140
Zafira 1.9 CDTI	Diesel	74/100	F(100), Z19DTL	07/08 >	Manual	DAN510	ch.->7G150345	12	105
Zafira 1.9 CDTI	Diesel	74/100	F(100), Z19DTL	07/08 >	Manual	DAN510	ch.->7G150345	14	100
Zafira 1.9 CDTI	Diesel	88/120	F(120), Z19DT	07/08 >		DAN506	ch.->7G150345	12	120
Zafira 1.9 CDTI	Diesel	88/120	F(120), Z19DT	07/08 >		DAN506	ch.->7G1500345	14	100
Zafira 1.9 CDTI	Diesel	88/120	F(120), Z19DT	07/08 >		DAN509	ch.->7G150345	12	130
Zafira 1.9 CDTI	Diesel	88/120	F(120), Z19DT	07/08 >		DAN509	ch.->7G1500345	14	140
Zafira 1.9 CDTI	Diesel	88/120	F(120), Z19DT	07/08 >		DAN510	ch.->7G150345	12	105
Zafira 1.9 CDTI	Diesel	88/120	F(120), Z19DT	07/08 >		DAN510	ch.->7G1500345	14	100
PEUGEOT									
307 Break 1.6 16V (3E)	Petrol	80/109	NFU (TU5JP4)	04/02 >		DAN515	+ belt pulley Ø:48mm	14	90
307 SW 1.6 16V (3H)	Petrol	80/109	NFU (TU5JP4)	04/02 >		DAN515	+ belt pulley Ø:48mm	14	90
SAAB									
9-3 1.9 TiD (YS3F)	Diesel	110/150	Z19DTH	09/04 >		DAN509		14	140
9-3 1.9 TiD (YS3F)	Diesel	88/120	Z19DT	09/04 >	Manual	DAN509		14	140

		KW/HP							Current (Amps)
SAAB continued									
9-3 Estate 1.9 TiD	Diesel	110/150	Z19DTH	06/05 >		DAN509		14	140
9-3 Estate 1.9 TiD	Diesel	88/120		06/05 >	Manual	DAN509		14	140
SEAT									
Fura 0.9 (025A)	Petrol	29/40	100GL	03/84 > 10/86	Manual	DAN645		14	55
Fura 0.9 (025A)	Petrol	31/43	100GL	01/82 > 06/86	Manual	DAN645		14	55
Ibiza I 0.9 (021A)	Petrol	29/40	146A.000	08/90 > 06/91		DAN645		14	55
Ibiza I 0.9 (021A)	Petrol	32/44	100GL.000	08/86 > 01/93	Manual	DAN645		14	55
Marbella 0.8 (28)	Petrol	25/34	08NCA	08/86 > 12/93	Manual	DAN645		14	55
Marbella 0.9 (28)	Petrol	29/40	09NCB	01/87 > 12/93	Manual	DAN645		14	55
Marbella 0.9 CAT (28)	Petrol	29/40	09NCB	01/90 > 11/96	Manual	DAN645		14	55
Marbella 0.9 CAT (28)	Petrol	30/41	1170A	11/96 > 10/98	Manual	DAN645		14	55
Marbella Box 0.8 (028A)	Petrol	25/34	08NCA	01/87 > 12/93	Manual	DAN645		14	55
Marbella Box 0.9 (028A)	Petrol	29/40	09NCA	01/87 > 12/93	Manual	DAN645		14	55
Marbella Box 0.9 CAT (028A)	Petrol	29/40	09NCA	01/87 > 12/93	Manual	DAN645		14	55
Panda 0.9 (141A)	Petrol	31/42	100GL	10/80 > 12/86		DAN645		14	55
Terra 0.9 (24)	Petrol	29/40	09NCB	02/87 > 12/95	Manual	DAN645		14	55
Terra 0.9 CAT (24)	Petrol	29/40	09NCB	02/92 > 12/94	Manual	DAN645		14	55
Terra Box 0.9 (024A)	Petrol	29/40	09NCB	01/87 > 12/95	Manual	DAN645		14	55
Terra Box 0.9 CAT (024A)	Petrol	29/40	09NCB	01/90 > 12/95	Manual	DAN645		14	55
SMART									
Cabrio 0.6 (S10LA1)	Petrol	40/55	M 160 E6AL B03	03/00 > 01/03		DAN521	+ belt pulley, air cooled	14	75
Cabrio 0.6 (S10LD2)	Petrol	45/61	M 160 E6AL B05	01/01 > 01/04		DAN521	+ belt pulley, air cooled	14	75
Cabrio 0.8 CDI (S10LC1)	Diesel	30/41	OM 660 DE 8LA	03/02 > 01/04	Manual, 6-speed	DAN521	+ belt pulley, air cooled	14	75
City-Coupe 0.6 (MC01)	Petrol	45/61	M 160 E6AL B05	01/01 > 01/03		DAN521	+ belt pulley, air cooled	14	75
City-Coupe 0.6 (S1CLA1)	Petrol	40/55	M 160 E6AL B03	07/98 > 01/04		DAN648		12	75
City-Coupe 0.6 (S1CLA1)	Petrol	40/55	M 160 E6AL B03	08/98 > 01/03		DAN521	+ belt pulley, air cooled	14	75
City-Coupe 0.6 (S1CLB1)	Petrol	33/45	M 160 E6AL B04	01/01 > 01/03		DAN521	+ belt pulley, air cooled	14	75
City-Coupe 0.6 (S1CLB1)	Petrol	33/45	M 160 E6AL B04	07/98 > 01/04		DAN648		12	75
Fortwo Cabrio 0.8 CDI (450.400)	Diesel	30/41	OM 660 DE 8LA	01/04 >	Manual, 6-speed	DAN647		12	65
TOYOTA									
Avensis 2.0 D-4D (CDT220)	Diesel	81/110	1CD-FTV	10/99 > 08/02		DAN939	+ belt pulley	12	120
Avensis 2.0 VVT-i (T22)	Petrol	110/150	1AZ-FSE	10/00 > 02/03	Manual/Automatic	DAN950		12	100
Avensis 2.0 D-4D (T25)	Diesel	85/116	1CD-FTV	04/03 >		DAN940		12	90
Avensis 2.0 D-4D (T25)	Diesel	85/116	1CD-FTV	04/03 >		DAN941		12	100
Avensis 2.0 D-4D (T25)	Diesel	93/126	1AD-FTV	03/06 >		DAN938	+ free-wheel belt pulley	12	100
Avensis 2.2 D-4D (T25)	Diesel	110/150	2AD-FTV	10/05 >		DAN938	+ free-wheel belt pulley	12	100
Avensis 2.2 D-CAT (T25)	Diesel	130/177	2AD-FHV	07/05 >		DAN938	+ free-wheel belt pulley	12	100
Avensis Estate 2.0 D-4D (T25)	Diesel	85/116	1CD-FTV	04/03 >		DAN940		12	90
Avensis Estate 2.0 D-4D (T25)	Diesel	85/116	1CD-FTV	04/03 >		DAN941		12	100
Avensis Estate 2.0 D-4D (T25)	Diesel	93/126	1AD-FTV	03/06 >		DAN938	+ free-wheel belt pulley	12	100
Avensis Estate 2.2 D-4D (T25)	Diesel	110/150	2AD-FTV	10/05 >		DAN938	+ free-wheel belt pulley	12	100
Avensis Estate 2.2 D-CAT (T25)	Diesel	130/177	2AD-FHV	07/05 >		DAN938	+ free-wheel belt pulley	12	100
Avensis Liftback 2.0 D-4D (CDT220)	Diesel	81/110	1CD-FTV	10/99 > 02/03		DAN939	+ belt pulley	12	120
Avensis Liftback 2.0 VVT-i (T22)	Petrol	110/150	1AZ-FSE	10/00 > 02/03	Manual/Automatic	DAN950		12	100
Avensis Saloon 2.0 D-4D (T25)	Diesel	85/116	1CD-FTV	04/03 >		DAN940		12	90
Avensis Saloon 2.0 D-4D (T25)	Diesel	85/116	1CD-FTV	04/03 >		DAN941		12	100
Avensis Saloon 2.0 D-4D (T25)	Diesel	93/126	1AD-FTV	03/06 >		DAN938	+ free-wheel belt pulley	12	100
Avensis Saloon 2.2 D-4D (T25)	Diesel	110/150	2AD-FTV	10/05 >		DAN938	+ free-wheel belt pulley	12	100
Avensis Saloon 2.2 D-CAT (T25)	Diesel	130/177	2AD-FHV	07/05 >		DAN938	+ free-wheel belt pulley	12	100
Avensis Station Wagon 2.0 D-4D (CDT220)	Diesel	81/110	1CD-FTV	10/99 > 08/02		DAN939	+ belt pulley	12	120

		kW/HP							Current (Amps)
TOYOTA continued									
Avensis Station Wagon 2.0 VVT-i (T22)	Petrol	110/150	1AZ-FSE	10/00 > 02/03	Manual/ Automatic	DAN950		12	100
Avensis Verso 2.0 VVT-i (AC)	Petrol	110/150	1AZ-FE	11/03 >	Manual/ Automatic	DAN952	+ multi-belt pulley,	12	100
Celica 1.8 16V TS (ZZT231)	Petrol	141/192	2ZZ-GE	08/00 >		DAN944		12	80
Celica 1.8 16V VT-i (ZZT230)	Petrol	105/143	1ZZ-FE	11/99 >	Manual, 6-speed	DAN942		12	80
Corolla 2.0 D4d (E11)	Diesel	85/116	1CD-FTV	06/04 >		DAN945		12	130
Corolla 1.4 VVT-i (E12U, E12J)	Petrol	71/97	4ZZ-FE	01/02 >	Automatic	DAN942		12	80
Corolla 1.4 VVT-i (E12U, E12J)	Petrol	71/97	4ZZ-FE	01/02 >	Manual	DAN943		12	70
Corolla 1.4 VVT-i (E12U, E12J)	Petrol	71/97	4ZZ-FE	09/02 >	Manual	DAN943		14	70
Corolla 1.6 VVT-i (E12U, E12J)	Petrol	81/110	3ZZ-FE	01/02 >	Automatic	DAN942		12	80
Corolla 1.6 VVT-i (E12U, E12J)	Petrol	81/110	3ZZ-FE	01/02 >	Manual	DAN943		12	70
Corolla 1.6 VVT-i (E12U, E12J)	Petrol	81/110	3ZZ-FE	09/02 >	Manual	DAN943		14	70
Corolla 2.0 D-4D (E12U, E12J)	Diesel	85/116	1CD-FTV	05/03 >		DAN945		12	130
Corolla Estate 1.4 VVT-i (E12J, E12T)	Petrol	71/97	4ZZ-FE	01/02 >	Manual	DAN943	With alternative fitting	14	70
Corolla Estate 1.6 VVT-i (E12J, E12T)	Petrol	81/110	3ZZ-FE	01/02 >	Manual	DAN943	With alternative fitting	14	70
Corolla Estate 2.0 D-4D (E12J, E12T)	Diesel	66/90	1CD-FTV	01/02 >		DAN945	RHD	12	130
Corolla Estate 2.0 D-4D (E12J, E12T)	Diesel	85/116	1CD-FTV	04/04 >		DAN941		12	100
Corolla Saloon 1.4 VVT-i (E12J, E12T)	Petrol	71/97	4ZZ-FE	08/02 >	Manual	DAN943	With alternative fitting	14	70
Corolla Saloon 1.6 VVT-i (E12J, E12T)	Petrol	81/110	3ZZ-FE	08/02 >	Manual	DAN943	With alternative fitting	14	70
Corolla Saloon 2.0 D4d (E12J, E12T)	Diesel	85/116	1CD-FTV	06/04 >		DAN945		12	130
Corolla Saloon 2.0 D-4D (E12J, E12T)	Diesel	66/90	1CD-FTV	08/02 >		DAN941	RHD	12	100
Corolla Verso 1.4 VVT-i (E12J)	Petrol	71/97	4ZZ-FE	01/02 > 05/04	Manual	DAN943	With alternative fitting	14	70
Corolla Verso 1.6 VVT-i (E12J)	Petrol	81/110	3ZZ-FE	01/02 > 01/04		DAN948	+ multi-belt pulley	12	80
Corolla Verso 1.8 VVT-i (E12J)	Petrol	99/135	1ZZ-FE	01/02 > 01/04	Automatic, 4-speed	DAN948	+ multi-belt pulley	12	80
Corolla Verso 2.0 D-4D (E12J)	Diesel	66/90	1CD-FTV	01/02 > 05/04		DAN945		12	130
Corolla Wagon 1.4 (EE111)	Petrol	63/86	4E-FE	05/97 > 09/99		DAN939	+ belt pulley	12	120
Corolla Wagon 2.0 D4d (E11)	Diesel	85/116	1CD-FTV	06/04 >		DAN941		12	100
Corolla Wagon 2.0 D4d GS (E11)	Diesel	81/110	1CD-FTV	08/00 > 10/01		DAN939	+ belt pulley	12	120
MR 2 2.0 16V (SW20)	Petrol	115/156	3S-GE	12/89 > 11/93		DAN960	+ v-ribbed belt pulley	12	70
MR 2 1.8 16V VT-i (ZZW30)	Petrol	103/140	1ZZ-FE	04/00 >	Manual	DAN948	+ multi-belt pulley	12	80
Previa 2.4 16V (ACR3)	Petrol	115/156	2AZ-FE	04/04 >		DAN952	+ multi-belt pulley	12	100
RAV 4 I 2.0 16V (SXA1)	Petrol	95/129	3S-FE	10/97 > 06/00		DAN955		12	80
RAV 4 I 2.0 16V (SXA1)	Petrol	95/129	3S-FE	11/95 > 09/97		DAN954		12	80
RAV 4 II 1.8 VVTi (XA2)	Petrol	92/125	1ZZ-FE	02/01 >		DAN949		12	90
RAV 4 II 2.0 VVTi 4WD (XA2)	Petrol	110/150	1AZ-FE	06/00 >		DAN951		12	90
RAV 4 II 2.4 VVTi 4x4 (XA2)	Petrol	112/152	2AZ-FE	08/03 > 10/05	Automatic	DAN952	+ multi-belt pulley	12	100
RAV 4 II 2.4 VVTi 4x4 (XA2)	Petrol	112/152	2AZ-FE	08/03 > 10/05	Manual	DAN951		12	90
Yaris 1.0 16V (CP10)	Petrol	48/65	1SZ-FE	04/03 >		DAN960	+ v-ribbed belt pulley, - power steering, France	12	70
Yaris 1.0 16V (CP10)	Petrol	48/65	1SZ-FE	04/03 >		DAN961	Japan	12	90
Yaris 1.0 16V (CP10)	Petrol	48/65	1SZ-FE	04/03 >		DAN962	- power steering, Japan	12	70
Yaris 1.0 16V (CP10)	Petrol	48/65	1SZ-FE	04/03 >		DAN964	+ power steering, Japan	12	80
Yaris 1.0 16V (SCP10)	Petrol	50/68	1SZ-FE	04/99 >		DAN960	+ v-ribbed belt pulley, - power steering, France	12	70
Yaris 1.0 16V (SCP10)	Petrol	50/68	1SZ-FE	04/99 >		DAN961	Japan	12	90
Yaris 1.0 16V (SCP10)	Petrol	50/68	1SZ-FE	04/99 >		DAN962	- power steering, Japan	12	70
Yaris 1.0 16V (SCP10)	Petrol	50/68	1SZ-FE	04/99 >		DAN964	+ power steering, Japan	12	80
Yaris 1.3 (CP10)	Petrol	64/87	2SZ-FE	05/02 >		DAN960	+ v-ribbed belt pulley	12	70
Yaris 1.3 16V (NCP10)	Petrol	63/86	2NZ-FE	06/03 >		DAN966		12	70
Yaris 1.4 D-4D (CP10)	Diesel	55/75	1ND-TV	12/01 >	Manual, 5-speed	DAN964	NB	12	80
Yaris 1.4 D-4D (CP10)	Diesel	55/75	1ND-TV	12/01 >	Manual, 5-speed	DAN965	NE	12	90
Yaris 1.5 TS (NCP13)	Petrol	77/105	1NZ-FE	04/03 >		DAN959		12	80
Yaris 1.5 VVT-i TS (CP10)	Petrol	110/150		05/03 > 10/04	Manual, 5-speed	DAN959		12	80
Yaris 1.5 VVT-i TS (CP10)	Petrol	78/106	1NZ-FE	04/01 >	Manual, 5-speed	DAN959		12	80
Yaris Verso 1.3 (NCP22)	Petrol	62/84	2NZ-FE	04/03 >		DAN966		12	70
Yaris Verso 1.3 (NCP22)	Petrol	63/86	2NZ-FE	11/99 >		DAN966		12	70

		KW/HP							Current (Amps)
TOYOTA continued									
Yaris Verso 1.4 D-4D (NLP22)	Diesel	55/75	1ND-TV	12/01 >	Manual, 5-speed	DAN965	ND	12	90
Yaris Verso 1.5 (NCP21)	Petrol	77/105	1NZ-FE	05/03 >		DAN959		12	80
Yaris Verso 1.5 (NCP21)	Petrol	78/106	1NZ-FE	03/00 >		DAN959		12	80
VAUXHALL									
Astra Mk V Estate 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	11/05 >	Manual	DAN509		14	140
Astra Mk V Estate 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	11/05 >	Manual	DAN510		14	100
Astra Mk V Estate 1.9 CDTI	Diesel	88/120	Z19DTJ(120)	11/05 >	Manual	DAN509		14	140
Astra Mk V Estate 1.9 CDTI	Diesel	88/120	Z19DTJ(120)	11/05 >	Manual	DAN510		14	100
Astra Mk V Estate 1.9 CDTI	Diesel	88/120	Z19DTJ(120)	11/06 >	Automatic	DAN506		14	120
Astra Mk V Estate 1.9 CDTI 16V	Diesel	88/120	Z19DTJ(120)	11/05 >	Manual	DAN509		14	140
Astra Mk V Estate 1.9 CDTI 16V	Diesel	88/120	Z19DTJ(120)	11/05 >	Manual	DAN510		14	100
Astra Mk V Estate 1.9 CDTI 16V	Diesel	88/120	Z19DTJ(120)	11/06 >	Automatic	DAN506		14	120
Astra Mk V Hatchback 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	03/05 >	Manual	DAN509		14	140
Astra Mk V Hatchback 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	03/05 >	Manual	DAN510		14	100
Astra Mk V Hatchback 1.9 CDTI	Diesel	88/120	Z19DTJ(120)	08/05 >	Manual	DAN509		14	140
Astra Mk V Hatchback 1.9 CDTI	Diesel	88/120	Z19DTJ(120)	08/05 >	Manual	DAN510		14	100
Astra Mk V Hatchback 1.9 CDTI	Diesel	88/120	Z19DTJ(120)	11/06 >	Automatic	DAN506		14	120
Astra Mk V Hatchback 1.9 CDTI 16V	Diesel	88/120	Z19DT(E4-120)	08/05 >	Manual	DAN509		14	140
Astra Mk V Hatchback 1.9 CDTI 16V	Diesel	88/120	Z19DT(E4-120)	08/05 >	Manual	DAN510		14	100
Astra Mk V Hatchback 1.9 CDTI 16V	Diesel	88/120	Z19DTJ(120)	11/06 >	Automatic	DAN506		14	120
Astra Mk V Sport Hatch 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	03/05 >	Manual	DAN509		14	140
Astra Mk V Sport Hatch 1.9 CDTI	Diesel	110/150	Z19DTH(E4-150)	03/05 >	Manual	DAN510		14	100
Astra Mk V Sport Hatch 1.9 CDTI	Diesel	74/101	Z19DTL(100)	08/05 >	Manual	DAN509		14	140
Astra Mk V Sport Hatch 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	08/05 >	Manual	DAN509		14	140
Astra Mk V Sport Hatch 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	08/05 >	Manual	DAN510		14	100
Astra Mk V Sport Hatch 1.9 CDTI	Diesel	88/120	Z19DTJ(120)	11/06 >	Automatic	DAN506		14	120
Signum 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	05/04 >	Manual	DAN506		14	120
Signum 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	05/04 >	Manual	DAN506	ch.71111928->, + A/C	14	120
Signum 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	05/04 >	Manual	DAN510		14	100
Signum 1.9 CDTI 16V	Diesel	110/150	Z19DTH(E4-150)	05/04 >		DAN506		14	120
Signum 1.9 CDTI 16V	Diesel	110/150	Z19DTH(E4-150)	05/04 >		DAN506	ch.71111928->, + A/C	14	120
Signum 1.9 CDTI 16V	Diesel	110/150	Z19DTH(E4-150)	05/04 >		DAN510		14	100
Vectra Mk II 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN506		14	120
Vectra Mk II 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN506	ch.->71111928, + A/C	14	120
Vectra Mk II 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN509		14	140
Vectra Mk II 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN510		14	100
Vectra Mk II 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	04/04 >	Manual	DAN506		14	120
Vectra Mk II 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	10/05 >	Manual	DAN506	+ A/C	14	120
Vectra Mk II 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	10/05 >	Manual	DAN509		14	140
Vectra Mk II 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	10/05 >	Manual	DAN510		14	100
Vectra Mk II 1.9 CDTI 16V	Diesel	110/150	Z19DTH(E4-150)	04/04 >		DAN506		14	120
Vectra Mk II 1.9 CDTI 16V	Diesel	110/150	Z19DTH(E4-150)	10/05 >		DAN506	+ A/C	14	120
Vectra Mk II 1.9 CDTI 16V	Diesel	110/150	Z19DTH(E4-150)	10/05 >		DAN509		14	140
Vectra Mk II 1.9 CDTI 16V	Diesel	110/150	Z19DTH(E4-150)	10/05 >		DAN510		14	100
Vectra Mk II Estate 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	04/04 >	Manual	DAN509		14	140
Vectra Mk II Estate 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	10/05 >	Manual	DAN506		14	120
Vectra Mk II Estate 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	10/05 >	Manual	DAN506	+ A/C	14	120
Vectra Mk II Estate 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	10/05 >	Manual	DAN510		14	100
Vectra Mk II Estate 1.9 CDTI 16V	Diesel	110/150	Z19DTH(E4-150)	04/04 >		DAN509		14	140
Vectra Mk II Estate 1.9 CDTI 16V	Diesel	110/150	Z19DTH(E4-150)	10/05 >	Manual	DAN506		14	120
Vectra Mk II Estate 1.9 CDTI 16V	Diesel	110/150	Z19DTH(E4-150)	10/05 >	Manual	DAN506	+ A/C	14	120
Vectra Mk II Estate 1.9 CDTI 16V	Diesel	110/150	Z19DTH(E4-150)	10/05 >	Manual	DAN510		14	100
Vectra Mk II GTS 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN506		14	120
Vectra Mk II GTS 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN506	ch.->71111928, + A/C	14	120
Vectra Mk II GTS 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN509		14	140
Vectra Mk II GTS 1.9 CDTI	Diesel	74/100	Z19DTL(100)	10/05 >	Manual	DAN510		14	100
Vectra Mk II GTS 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	04/04 >	Manual	DAN510		14	100
Vectra Mk II GTS 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	10/05 >	Manual	DAN506		14	120
Vectra Mk II GTS 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	10/05 >	Manual	DAN506	+ A/C	14	120
Vectra Mk II GTS 1.9 CDTI	Diesel	88/120	Z19DT(E4-120)	10/05 >	Manual	DAN509		14	140
Vectra Mk II GTS 1.9 CDTI 16V	Diesel	110/150	Z19DTH(E4-150)	04/04 >		DAN510		14	100
Vectra Mk II GTS 1.9 CDTI 16V	Diesel	110/150	Z19DTH(E4-150)	10/05 >		DAN506		14	120
Vectra Mk II GTS 1.9 CDTI 16V	Diesel	110/150	Z19DTH(E4-150)	10/05 >		DAN506	+ A/C	14	120
Vectra Mk II GTS 1.9 CDTI 16V	Diesel	110/150	Z19DTH(E4-150)	10/05 >		DAN509		14	140
Zafira Mk II 1.9 CDTI	Diesel	110/150	F(150), Z19DTH	02/09 >		DAN506	ch.->7G150345	12	120
Zafira Mk II 1.9 CDTI	Diesel	110/150	F(150), Z19DTH	02/09 >		DAN506	+ A/C	14	120
Zafira Mk II 1.9 CDTI	Diesel	110/150	F(150), Z19DTH	02/09 >		DAN506	ch.->7G150345	14	120
Zafira Mk II 1.9 CDTI	Diesel	110/150	F(150), Z19DTH	02/09 >		DAN509	ch.->7G150345	12	130

		kW/HP							Current (Amps)
VAUXHALL <i>continued</i>									
Zafira Mk II 1.9 CDTI	Diesel	110/150	F(150), Z19DTH	02/09 >		DAN509	ch.->7G150345	14	140
Zafira Mk II 1.9 CDTI	Diesel	110/150	F(150), Z19DTH	02/09 >		DAN510	ch.->7G150345	12	105
Zafira Mk II 1.9 CDTI	Diesel	110/150	F(150), Z19DTH	02/09 >		DAN510	ch.->7G150345	14	100
Zafira Mk II 1.9 CDTI	Diesel	88/120	F(120), Z19DT	02/09 >		DAN506	ch.->7G150345	12	120
Zafira Mk II 1.9 CDTI	Diesel	88/120	F(120), Z19DT	02/09 >		DAN506	ch.->7G150345	14	120
Zafira Mk II 1.9 CDTI	Diesel	88/120	F(120), Z19DT	02/09 >		DAN506	ch.7G150346->, + A/C	14	120
Zafira Mk II 1.9 CDTI	Diesel	88/120	F(120), Z19DT	02/09 >		DAN509	ch.->7G150345	12	130
Zafira Mk II 1.9 CDTI	Diesel	88/120	F(120), Z19DT	02/09 >		DAN509	ch.->7G150345, + A/C	14	140
Zafira Mk II 1.9 CDTI	Diesel	88/120	F(120), Z19DT	02/09 >		DAN510	ch.->7G150345	12	105
Zafira Mk II 1.9 CDTI	Diesel	88/120	F(120), Z19DT	02/09 >		DAN510	ch.->7G150345, + A/C	14	100
VOLVO									
S40 II 1.6 D (MS)	Diesel	81/110	D 4164 T	01/05 >		DAN930	Koyo OWC pulley, 6 ribs, air cooled	14	150
S40 II 2.0 D (MS)	Diesel	100/136	D 4204 T	01/04 >		DAN930	Koyo OWC pulley, 6 ribs, air cooled	14	150
V50 1.6 D (MW)	Diesel	81/110	D 4164 T	01/05 >		DAN930	Koyo OWC pulley, 6 ribs, air cooled	14	150
V50 2.0 D (MW)	Diesel	100/136	D 4204 T	04/04 >		DAN930	Koyo OWC pulley, 6 ribs, air cooled	14	150

DENSO Buyers Guide

DENSO P/N	MAKE	MODEL	
DAN005	LAND ROVER	Defender (LD)	
		Defender Pickup (LD)	
		Defender Station Wagon (LD)	
DAN008	LAND ROVER	Discovery I (LJ, LG)	
		Discovery II (LJ, LT)	
DAN020	LAND ROVER	Defender Station Wagon (LD)	
		Discovery I (LJ, LG)	
		Range Rover II (LP)	
DAN047	FORD	Escort '95 Box (AVL)	
		Escort Classic (AAL, ABL)	
		Escort Classic Turnier (ANL)	
		Escort VII (GAL, AAL, ABL)	
		Escort VII Convertible (ALL)	
		Escort VII Estate (GAL, ANL)	
		Escort VII Saloon (GAL, AFL)	
		Fiesta Box (J5, J3)	
		Fiesta Box (JV)	
		Fiesta IV (JA, JB)	
		DAN501	ALFA ROMEO
156 (932)			
GT			
FIAT	Brava (182)		
	Bravo (182)		
	Doblo (119)		
	Doblo Cargo (223)		
	Idea		
	Marea (185)		
	Marea Weekend (185)		
	Multipia (186)		
	Punto (188)		
	Punto Van (188AX)		
	Stilo (192)		
	Stilo Multi Wagon (192)		
	LANCIA		Lybra (839AX)
			Lybra SW (839BX)
			Musa
DAN502			ALFA ROMEO
	146 (930)		
	147 (937)		
	155 (167)		
	156 (932)		
	156 Sportwagon (932)		
	166 (936)		
	GTV (916C)		
	Spider (916S)		
	FIAT	Barchetta (183)	
		Brava (182)	
		Bravo (182)	
		Coupe (FA/175)	
		Doblo (119)	
		Doblo Cargo (223)	
		Marea (185)	
		Marea Weekend (185)	
		Multipia (186)	
		Punto (188)	
		Punto Van (188AX)	
		Stilo (192)	
	Strada (178E)		
	LANCIA	Kappa (838A)	
Kappa SW (838B)			
Lybra (839AX)			
Lybra SW (839BX)			
DAN504	FORD	Escort '91 Express (AVL)	
		Escort '95 Box (AVL)	
		Escort V Estate (GAL, AVL)	
		Escort VI (GAL)	
		Escort VI Estate (GAL)	
		Escort VII (GAL, AAL, ABL)	
		Escort VII Estate (GAL, ANL)	
		Escort VII Saloon (GAL, AFL)	
		Fiesta Box (F3L, F5L)	
		Fiesta III (GFJ)	
		Orion III (GAL)	

DENSO P/N	MAKE	MODEL	
DAN505	FORD	Focus (DAW, DBW)	
		Focus Estate (DNW)	
		Focus Saloon (DFW)	
DAN506	FIAT	Bravo	
		Croma (194)	
		Grande Punto (199)	
		Stilo (192)	
		Stilo Multi Wagon (192)	
		OPEL	Astra H
	Astra H Estate		
	Astra H GTC		
	Signum		
	Vectra C		
	Vectra C Estate		
	Vectra C GTS		
	Zafira		
	VAUXHALL		Astra Mk V Estate
			Astra Mk V Hatchback
			Astra Mk V Sport Hatch
			Signum
			Vectra Mk II
		Vectra Mk II Estate	
Vectra Mk II GTS			
Zafira Mk II			
DAN509	OPEL	Astra H	
		Astra H Estate	
		Astra H GTC	
		Astra H Twintop	
		Signum	
		Vectra C	
		Vectra C Estate	
		Vectra C GTS	
		Zafira	
	SAAB	9-3 (YS3F)	
		9-3 Estate	
		VAUXHALL	Astra Mk V Estate
			Astra Mk V Hatchback
			Astra Mk V Sport Hatch
			Vectra Mk II
Vectra Mk II Estate			
Vectra Mk II GTS			
Zafira Mk II			
DAN510	OPEL	Astra H	
		Astra H Estate	
		Astra H GTC	
		Signum	
		Vectra C	
		Vectra C Estate	
	Vectra C GTS		
	Zafira		
	VAUXHALL	Astra Mk V Estate	
		Astra Mk V Hatchback	
		Astra Mk V Sport Hatch	
		Signum	
Vectra Mk II			
Vectra Mk II Estate			
Vectra Mk II GTS			
Zafira Mk II			
DAN511	FIAT	Doblo (119)	
		Doblo Cargo (223)	
		Palio Weekend (178DX)	
		Punto (176)	
		Punto (188)	
		Punto Convertible (176C)	
		Punto Van (176L)	
		Punto Van (188AX)	
		Siena (178)	
		Strada (178E)	
	Y (840A)		
LANCIA	Thesis (841AX)		
DAN512	ALFA ROMEO	147 (937)	
		156 (932)	
		156 Sportwagon (932)	

DENSO P/N	MAKE	MODEL		
DAN513 <i>continued</i>	FIAT	Bravo		
		Croma (194)		
		Grande Punto (199)		
		Stilo (192)		
		Stilo Multi Wagon (192)		
DAN515	CITROËN	C2 (JM)		
		C3		
		C3 (FC)		
		C3 Pluriel (HB)		
		C4 (LC)		
		Xsara (N1)		
	IVECO	Daily I		
		Daily II		
		Daily III		
	PEUGEOT	307 Break (3E)		
307 SW (3H)				
DAN517	FIAT	Grande Punto (199)		
		Panda (169)		
		Punto (188)		
	LANCIA	Musa		
DAN519	FIAT	500		
		Idea		
		Linea		
		Panda (169)		
	LANCIA	Musa		
DAN521	SMART	Cabrio		
		City-Coupe (MC01)		
DAN525	FIAT	Brava (182)		
		Bravo (182)		
		Marea (185)		
		Marea Weekend (185)		
	LANCIA	Dedra (835)		
		Dedra SW (835)		
		Delta II (836)		
DAN537	FORD	Mondeo I (GBP)		
		Mondeo I Estate (BNP)		
		Mondeo II (BAP)		
		Mondeo I Saloon (GBP)		
		Transit Box (E)		
		Transit Bus (E)		
		Transit Flatbed / Chassis (E)		
		Transit Tourneo		
DAN562	FORD	Focus (DAW, DBW)		
		Focus Estate (DNW)		
		Focus Saloon (DFW)		
DAN574	AUTOBIANCHI	Y10		
	FIAT	Panda (141A)		
		Tipo (160)		
		Uno (146A/E)		
LANCIA	Y10 (156)			
DAN575	AUTOBIANCHI	Y10		
		FIAT	Cinquecento (170)	
			Panda (141A)	
			Panda Van (141)	
			Punto (176)	
			Punto Convertible (176C)	
			Punto Van (176L)	
			Seicento (187)	
			Seicento Van (187)	
			Siena (178)	
			Uno (146A/E)	
			LANCIA	Y10 (156)
			DAN582	FORD
Focus II (DA)				
Focus II Convertible				
Focus II Saloon (DA)				
Focus II Turnier (DAW)				
DAN583	OPEL	Agila (H00)		
		Agila		
		Astra H		
		Astra H Estate		
		Astra H GTC		

DENSO P/N	MAKE	MODEL	
DAN583 <i>continued</i>		Corsa C (F08, F68)	
		Corsa C Box (F08, W5L)	
		Corsa D	
		Meriva	
		Tigra Twintop	
DAN584	OPEL	Agila (H00)	
		Agila	
		Astra H	
		Astra H Estate	
		Astra H GTC	
		Corsa C (F08, F68)	
		Corsa C Box (F08, W5L)	
		Corsa D	
		Meriva	
		Tigra Twintop	
DAN585	OPEL	Agila (H00)	
		Agila	
		Astra H	
		Astra H Estate	
		Astra H GTC	
		Corsa C (F08, F68)	
		Corsa C Box (F08, W5L)	
		Corsa D	
		Meriva	
		Tigra Twintop	
DAN588	FORD	Focus (DAW, DBW)	
		Focus Estate (DNW)	
		Focus Saloon (DFW)	
DAN590	FORD	Focus (DAW, DBW)	
		Focus Estate (DNW)	
		Focus Saloon (DFW)	
DAN591	FIAT	Palio (178BX)	
		Palio Weekend (178DX)	
		Panda (169)	
		Punto (188)	
		Punto Van (188AX)	
DAN596	FIAT	Palio (178BX)	
		Palio Weekend (178DX)	
		Panda (169)	
		Punto (188)	
		Punto Van (188AX)	
DAN597	FIAT	Punto (188)	
		Punto Van (188AX)	
		Stilo (192)	
DAN599	FIAT	Bravo	
		Linea	
DAN603	IVECO	M	
		MK	
		P/PA	
		Turbostar	
		Turbotech	
DAN605	AUTOBIANCHI	Y10	
		FIAT	Panda (141A)
			Panda Van (141)
			Uno (146A/E)
LANCIA	Y10 (156)		
DAN607	IVECO	Daily I	
DAN609	IVECO	Daily I	
DAN610	ALFA ROMEO	AR 8 Box (280)	
		AR 8 Flatbed / Chassis (280)	
	FIAT	131	
		Regata Weekend	
		Uno (146A/E)	
IVECO	Daily I		
LANCIA	Delta I (831AB0)		
MERCEDES-BENZ	E-Class Estate (S210)		
DAN611	FIAT	Croma (154)	
		LANCIA	Delta I (831AB0)
			Prisma (831AB0)
DAN615	FIAT	Croma (154)	
		Tempra (159)	

DENSO P/N	MAKE	MODEL		
DAN615 <i>continued</i>	LANCIA	Tempra SW (159)		
		Tipo (160)		
		Dedra (835)		
		Dedra SW (835)		
		Delta II (836)		
		Thema (834)		
DAN616	FIAT	126		
		127		
		127 Panorama		
		Ritmo I (138A)		
		X 1/9 (128 AS)		
	FORD	Fiesta I (gfbt)		
DAN617	FIAT	Delta I (831AB0)		
		Tempra (159)		
		Tempra SW (159)		
	LANCIA	Tipo (160)		
		Dedra (835)		
		Dedra SW (835)		
DAN618	FIAT	Delta II (836)		
		Cinquecento (170)		
		Panda (141A)		
		Seicento (187)		
DAN621	FIAT	Seicento Van (187)		
		Punto (176)		
		Punto Van (176L)		
DAN624	FIAT	Strada (178E)		
		Fiorino Box (146 Uno)		
DAN628	FIAT	Fiorino Pickup (146)		
		Brava (182)		
DAN629	FIAT	Bravo (182)		
		Brava (182)		
		Bravo (182)		
		Marea (185)		
		Marea Weekend (185)		
		Palio (178BX)		
		Punto (188)		
		Punto Van (188AX)		
		Siena (178)		
		LANCIA	Y (840A)	
DAN630	FIAT	Doblo (119)		
		Doblo Cargo (223)		
		Multipla (186)		
		Palio Weekend (178DX)		
		Punto (176)		
		Siena (178)		
		Strada (178E)		
		LANCIA	Y (840A)	
		DAN631	FIAT	Seicento (187)
		DAN632	ALFA ROMEO	145 (930)
146 (930)				
155 (167)				
156 (932)				
166 (936)				
GTV (916C)				
Spider (916S)				
FIAT	Brava (182)			
	Bravo (182)			
	Coupe (FA/175)			
LANCIA	Marea (185)			
	Marea Weekend (185)			
	Dedra (835)			
	Dedra SW (835)			
DAN633	ALFA ROMEO	Delta II (836)		
		145 (930)		
		146 (930)		
		147 (937)		
		155 (167)		
		156 (932)		
		156 Sportwagon (932)		
		GTV (916C)		
		Spider (916S)		
		FIAT	Barchetta (183)	
Brava (182)				

DENSO P/N	MAKE	MODEL		
DAN633 <i>continued</i>	LANCIA	Bravo (182)		
		Coupe (FA/175)		
		Marea (185)		
		Marea Weekend (185)		
		Punto (188)		
		Punto Van (188AX)		
DAN634	FIAT	Lybra (839AX)		
		Lybra SW (839BX)		
DAN636	ALFA ROMEO	Brava (182)		
		Bravo (182)		
		Coupe (FA/175)		
	FIAT	Marea (185)		
		Marea Weekend (185)		
		145 (930)		
DAN640	FIAT	146 (930)		
		Brava (182)		
		Bravo (182)		
		Coupe (FA/175)		
DAN641	ALFA ROMEO	Marea (185)		
		Marea Weekend (185)		
		LANCIA	Y (840A)	
		FIAT	Doblo (119)	
			Doblo Cargo (223)	
			Stilo Multi Wagon (192)	
		DAN643	LANCIA	Strada (178E)
				145 (930)
				146 (930)
				147 (937)
155 (167)				
156 (932)				
156 Sportwagon (932)				
166 (936)				
GTV (916C)				
Spider (916S)				
FIAT	Barchetta (183)			
	Brava (182)			
	Bravo (182)			
	Coupe (FA/175)			
DAN645	AUTOBIANCHI	Ducato Box (230L)		
		Ducato Bus (230)		
		Ducato Flatbed / Chassis (230)		
		Marea (185)		
		Marea Weekend (185)		
		Multipla (186)		
		Punto (188)		
		Punto Van (188AX)		
		Stilo (192)		
		Stilo Multi Wagon (192)		
DAN647	SMART	Kappa (838A)		
		Kappa SW (838B)		
		Lybra (839AX)		
		Lybra SW (839BX)		
		Brava (182)		
		Bravo (182)		
DAN643	FIAT	Coupe (FA/175)		
		Marea (185)		
		Marea Weekend (185)		
		Stilo (192)		
		Stilo Multi Wagon (192)		
		LANCIA	Thesis (841AX)	
		DAN645	FIAT	A 112
				127
				Panda (141A)
				Panda Van (141)
Uno (146A/E)				
SEAT	Fura (025A)			
DAN647	SMART	Ibiza I (021A)		
		Marbella (28)		
		Marbella Box (028A)		
		Panda (141A)		
		Terra (24)		
		Terra Box (024A)		
		Fortwo Cabrio		

DENSO P/N	MAKE	MODEL
DAN648	SMART	City-Coupe (MC01)
DAN930	FORD	Fiesta V (JH, JD)
		Focus C-Max
		Focus II (DA)
		Focus II Convertible
		Focus II Saloon (DA)
		Focus II Turnier (DAW)
		Fusion (JU)
	FORD AUSTRALIA	Focus Hatchback (LT)
	VOLVO	S40 II (MS)
		V50 (MW)
DAN931	FORD	Focus C-Max
DAN932	FORD	Focus C-Max
		Focus II (DA)
		Focus II Saloon (DA)
		Focus II Turnier (DAW)
DAN933	FORD	Focus C-Max
		Focus II (DA)
		Focus II Turnier (DAW)
DAN934	FORD	Focus C-Max
		Focus II (DA)
		Focus II Turnier (DAW)
FORD AUSTRALIA	Focus Hatchback (LT)	
DAN935	ALFA ROMEO	159
		159 Sportwagon
		Brera
		Spider
DAN936	ALFA ROMEO	159
	159 Sportwagon	
FIAT	Croma (194)	
DAN938	TOYOTA	Avensis (T25)
		Avensis Estate (T25)
		Avensis Saloon (T25)
DAN939	TOYOTA	Avensis (T22)
		Avensis Liftback (T22)
		Avensis Station Wagon (T22)
		Corolla Wagon (E11)
DAN940	TOYOTA	Avensis (T25)
		Avensis Estate (T25)
		Avensis Saloon (T25)
DAN941	TOYOTA	Avensis (T25)
		Avensis Estate (T25)
		Avensis Saloon (T25)
		Corolla Estate (E12J, E12T)
		Corolla Saloon (E12J, E12T)
Corolla Wagon (E11)		
DAN942	TOYOTA	Celica (ZZT23)
		Corolla (E12U, E12J)
DAN943	TOYOTA	Corolla (E12U, E12J)
		Corolla Estate (E12J, E12T)
		Corolla Saloon (E12J, E12T)
		Corolla Verso (E12J)
DAN944	TOYOTA	Celica (ZZT23)
DAN945	TOYOTA	Corolla (E11)
		Corolla (E12U, E12J)
		Corolla Estate (E12J, E12T)
		Corolla Saloon (E12J, E12T)
		Corolla Verso (E12J)
DAN948	TOYOTA	Corolla Verso (E12J)
		MR 2 (W3)
DAN949	TOYOTA	RAV 4 II (XA2)
DAN950	TOYOTA	Avensis (T22)
		Avensis Liftback (T22)
		Avensis Station Wagon (T22)
DAN951	TOYOTA	RAV 4 II (XA2)
DAN952	TOYOTA	Avensis Verso (AC)
		Previa (ACR3)
		RAV 4 II (XA2)
DAN954	TOYOTA	RAV 4 I (SXA1)
DAN955	TOYOTA	RAV 4 I (SXA1)
DAN959	TOYOTA	Yaris (CP10)
		Yaris Verso (NC/LP2)
DAN960	TOYOTA	MR 2 (W2)

DENSO P/N	MAKE	MODEL		
DAN960		Yaris (CP10)		
<i>continued</i>				
DAN961	TOYOTA	Yaris (CP10)		
DAN962	TOYOTA	Yaris (CP10)		
DAN964	TOYOTA	Yaris (CP10)		
DAN965	TOYOTA	Yaris (CP10)		
		Yaris Verso (NC/LP2)		
DAN966	TOYOTA	Yaris (CP10)		
		Yaris Verso (NC/LP2)		
DAN968	DAIHATSU	Hijet I Box		
		Hijet II Box (S85)		
		Hijet Pickup (U20)		
DAN969	DAIHATSU	Applause I (A101, A111)		
		Applause II		
		Feroza Hard Top (F300)		
		Feroza Soft Top (F300)		
DAN970	DAIHATSU	Charade IV (G200, G202)		
		Charade IV Saloon (G203)		
		Gran Move (G3)		
		Charade IV (G200, G202)		
DAN971	DAIHATSU	Charade IV Saloon (G203)		
		Gran Move (G3)		
		Charade IV (G200, G202)		
DAN972	DAIHATSU	Charade IV (G200, G202)		
		Gran Move (G3)		
DAN973	DAIHATSU	Cuore III (L201)		
		Cuore VI (L7)		
		Cuore VII (L251)		
		Move (L6, L9)		
		Sirion (M1)		
Trevis				
YRV (M2)				
DAN974	DAIHATSU	Cuore VI (L7)		
		Move (L6, L9)		
		Sirion (M1)		
DAN975	DAIHATSU	Copen		
DAN976	DAIHATSU	Copen		
		Sirion (M1)		
		Terios (J1)		
		Terios (J2)		
YRV (M2)				
DAN977	DAIHATSU	Sirion (M3)		
DAN978	DAIHATSU	Extol Bus (S22, S23)		
DAN979	DAIHATSU	Materia (M4)		
		Sirion (M3)		
DAN980	DAIHATSU	Materia (M4)		
DAN981	MINI	Mini (R50, R53)		
DAN982	MINI	Mini (R50, R53)		
DSN502	FIAT	Ducato Box (230L)		
		Ducato Bus (230)		
DSN504	BMW	3 Compact (E46)		
DSN575	FIAT	500		
		Doblo (119)		
		Doblo Cargo (223)		
		Grande Punto (199)		
		Panda (169)		
		Seicento (187)		
DSN576	FIAT	Idea		
		Panda (169)		
		Panda Van (169)		
	LANCIA	Ypsilon		
DSN577	FIAT	Brava (182)		
		Bravo (182)		
		Marea (185)		
		Marea Weekend (185)		
		Palio (178BX)		
		Palio Weekend (178DX)		
		Siena (178)		
		Tempra (159)		
		Tempra SW (159)		
			LANCIA	Delta II (836)
		DSN579	ALFA ROMEO	145 (930)
146 (930)				
147 (937)				

DENSO P/N	MAKE	MODEL		
DSN579 <i>continued</i>		155 (167)		
		156 (932)		
		156 Sportwagon (932)		
		166 (936)		
		GTV (916C)		
		Spider (916S)		
	FIAT	Barchetta (183)		
		Brava (182)		
		Bravo (182)		
		Coupe (FA/175)		
		Marea (185)		
		Marea Weekend (185)		
		Punto (188)		
		Stilo (192)		
		Stilo Multi Wagon (192)		
		Tempra (159)		
		Tempra SW (159)		
		LANCIA	Dedra (835)	
			Dedra SW (835)	
			Delta II (836)	
			Kappa (838A)	
	Kappa Coupe (838)			
	Kappa SW (838B)			
	Lybra (839AX)			
	Lybra SW (839BX)			
	Thesis (841AX)			
	DSN581	FIAT	Doblo (119)	
			Doblo Cargo (223)	
			Punto (188)	
			Punto Van (188AX)	
			Strada (178E)	
	DSN583	SMART	City-Coupe (MC01)	
	DSN585	AUTOBIANCHI	A 112	
FIAT		127		
		Cinquecento (170)		
		Fiorino (127)		
		Panda (141A)		
		Panda Van (141)		
		Seicento (187)		
		Seicento Van (187)		
		Uno (146A/E)		
		FSO	127P	
		INNOCENTI	Koral	
		SEAT	Fura (025A)	
			Ibiza I (021A)	
Malaga (023A)				
Marbella (28)				
Marbella Box (028A)				
Panda (141A)				
Ronda (022A)				
Terra (24)				
Terra Box (024A)				
DSN586			FIAT	Brava (182)
		Bravo (182)		
		Elba (146)		
	Fiorino Box (146 Uno)			
	Fiorino Pickup (146)			
	Marea (185)			
	Marea Weekend (185)			
	Palio Weekend (178DX)			
	Punto (176)			
	Scudo Box (220L)			
	Scudo Combinato (220P)			
	Siena (178)			
	Tempra (159)			
	Tempra SW (159)			
	Uno (146A/E)			
	LANCIA	Dedra (835)		
		Dedra SW (835)		
		Delta II (836)		
		DSN587	BMW	3 (E46)
				3 Touring (E46)
	5 (E39)			

DENSO P/N	MAKE	MODEL		
DSN587 <i>continued</i>		5 Touring (E39)		
		7 (E38)		
		X5 (E53)		
DSN920	TOYOTA	Avensis (T25)		
		Avensis Estate (T25)		
		Avensis Saloon (T25)		
DSN921	TOYOTA	Avensis (T22)		
		Avensis Liftback (T22)		
		Avensis Station Wagon (T22)		
		Celica (ZZT23)		
		Corolla (E12U, E12J)		
		Corolla Compact (E11)		
		Corolla Liftback (E11)		
		Corolla Saloon (E12J, E12T)		
		Corolla Verso (E12J)		
		Corolla Wagon (E11)		
		MR 2 (W3)		
		RAV 4 II (XA2)		
		DSN922	TOYOTA	Avensis (T22)
				Avensis Liftback (T22)
				Avensis Station Wagon (T22)
DSN923	TOYOTA	Avensis (T22)		
		Avensis Liftback (T22)		
		Avensis Station Wagon (T22)		
		Carina E (T19)		
		Carina E Saloon (T19)		
		Carina E Sportswagon (T19)		
		Picnic (XM10)		
		RAV 4 I (SXA1)		
		DSN926	TOYOTA	Corolla (E11)
				Corolla (E12U, E12J)
Corolla Estate (E12J, E12T)				
Corolla Saloon (E12J, E12T)				
Corolla Saloon				
Corolla Wagon (E11)				
DSN928	TOYOTA	Yaris		
		Avensis Verso (AC)		
		Corolla (E12U, E12J)		
		Corolla Verso (E12J)		
		Picnic (XM10)		
		Previa (ACR3)		
DSN929	TOYOTA	RAV 4 II (XA2)		
		Avensis Verso (AC)		
		Camry (V20)		
		Camry (V30)		
		Previa (ACR3)		
DSN931	TOYOTA	RAV 4 II (XA2)		
		Yaris (CP10)		
DSN934	TOYOTA	Yaris (CP10)		
DSN935	TOYOTA	Yaris Verso (NC/LP2)		
		Yaris (CP10)		
DSN936	TOYOTA	Yaris Verso (NC/LP2)		
		Yaris (CP10)		
DSN937	TOYOTA	Yaris Verso (NC/LP2)		
		Yaris (CP10)		

DENSO Cross Reference Chart



Starters & Alternators | Cross Reference Chart

ALFA ROMEO	DENSO
2022610	DAN609
4224325	DAN609
4257074	DAN609
4275283	DAN609
4474752	DAN609
4711700	DAN609
4720511	DAN609
4721578	DAN609
4721587	DAN609
4721588	DAN609
4721589	DAN609
4721591	DAN609
4721592	DAN609
4722502	DAN609
4731839	DAN609
4738563	DAN609
4746400	DAN609
4750583	DAN609
4769911	DAN609
4787594	DAN609
4787596	DAN609
4787597	DAN609
4787598	DAN609
4808495	DAN609
4808497	DAN609
4808498	DAN609
4808499	DAN609
4808503	DAN609
4808505	DAN609
4808506	DAN609
4998353	DAN609
7781075	DAN502
7782314	DAN502
42498165	DAN609
42498239	DAN609
42498240	DAN609
46231671	DAN502
46231680	DAN609
46231724	DAN502
46231786	DAN609
46305329	DAN502
46412681	DAN502
46428730	DAN502
46430529	DAN502
46430531	DAN502
46430533	DAN632
46445658	DAN502
46445660	DAN502
46448434	DAN502
46763532	DAN502
46765836	DAN502
46769369	DAN502
46782219	DAN502
47220501	DAN609
50500728	DAN936
60812535	DAN502
60812583	DAN632
60812713	DAN502
60816046	DAN502
62231786	DAN609
73503235	DAN513
77028550	DAN609
77138410	DAN609
77250410	DAN609
77515410	DAN609
77515411	DAN609
88206010	DAN609
294391300	DAN609
294392000	DAN609
116760506000	DAN609
116760506100	DAN609
AT050600108	DAN609

BMW	DENSO
224739	DSN587
4496934	DSN504
22470963	DSN504
12412247063	DSN504
12414496934	DSN504

CITROËN	DENSO
4224325	DAN607
4273601	DAN607
4475266	DAN607
4475268	DAN607
4765931	DAN607
4765933	DAN607
4765934	DAN607
4787668	DAN607
4787671	DAN607
4800504	DAN607
4808506	DAN607
4808510	DAN607
4808517	DAN607
4808518	DAN607
5101645	DAN607
77145410	DAN607
9638543680	DAN515
9642879680	DAN515
9649611680	DAN515

DAIHATSU	DENSO
27060B1030000	DAN979
27060B1050000	DAN980
2706087501000	DAN968
2706087606000	DAN969
2706087727000	DAN970
2706087729000	DAN971
2706087730000	DAN972
2706097202000	DAN973
2706097203000	DAN974
2706097212000	DAN975
2706097401000	DAN976
2706097402000	DAN977
2706097502000	DAN978

DENSO	DENSO
104210-2710	DAN930
104210-2720	DAN931
104210-2730	DAN932
104210-2740	DAN933
104210-2750	DAN934
104210-3523	DAN930
104210-3542	DAN931
104210-3641	DAN932
104210-3821	DAN934
104210-3851	DAN933
104210-5770	DAN934
104210-5780	DAN931
228000-0823	DSN923
228000-6280	DSN929
228000-7593	DSN921
228000-8360	DSN931
228000-8550	DSN934
228000-8710	DSN935
228000-9220	DSN928
228000-9600	DSN922
428000-0024	DSN936
428000-0500	DSN937
428000-2730	DSN926
428000-4500	DSN920

FIAT	DENSO
3914191	DSN585
3915113	DSN585
4229113	DSN585
4229114	DSN585

FIAT	DENSO
4401806	DSN585
4468806	DSN585
4474592	DAN603
4475902	DAN603
4675837	DAN643
4715786	DAN603
4717509	DAN603
4717871	DAN603
4717872	DAN603
4721890	DAN603
4722724	DAN603
4738563	DAN603
4738568	DAN603
4738569	DAN603
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4738775	DAN603
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4786915	DAN603
4786916	DAN603
4786917	DAN603
4786918	DAN603
4786919	DAN603
4786920	DAN603
4803546	DAN603
4808268	DAN603
4808502	DAN610
4808507	DAN610
4808519	DAN603
4808520	DAN603
4808521	DAN603
4808522	DAN603
4808523	DAN603
4808524	DAN603
4808525	DAN603
4808526	DAN603
4808528	DAN603
4839558	DAN603
5895028	DAN511
5895028ES	DAN511
5895033	DAN630
5895034	DAN511
5972684	DSN585
5990966	DAN603
5999868	DAN605
7634289	DAN615
7668988	DSN585
7680615	DSN586
7693374	DAN618
7697863	DAN615
7697870	DAN615
7704356	DAN618
7711092	DAN618
7712541	DAN511
7715541	DAN511
7715541ES	DAN511
7733966	DSN586
7737262	DSN585
7769840	DAN621
7772462	DSN586
7773812	DSN586
7779820	DAN630
7779821	DAN511
7779915	DAN511
7779915ES	DAN511
7781075	DAN502
7781075	DAN632
7782188	DAN502
7782314	DAN502
7782315	DAN502

FIAT	DENSO
9314191	DSN585
42498163	DAN603
42498164	DAN603
42498165	DAN603
42498213	DAN603
42498271	DAN603
46000353	DAN511
46231500	DSN585
46231504	DSN585
46231505	DSN585
46231535	DSN586
46231542	DSN577
46231646	DSN502
46231650	DAN618
46231671	DAN502
46231693	DAN511
46231695	DAN630
46231705	DAN525
46231724	DAN502
46231735	DAN615
46231746	DAN615
46305329	DAN502
46406970	DSN585
46407644	DAN511
46407644ES	DAN511
46407646	DAN630
46407646ES	DAN511
46407647	DAN511
46412681	DAN502
46417006	DSN577
46417006	DSN586
46420960	DAN511
46420960ES	DAN511
46420961	DAN511
46420966	DAN621
46425517	DAN628
46428730	DAN502
46428730	DAN632
46428733	DAN525
46430524	DAN630
46430529	DAN502
46430530	DAN502
46430531	DAN502
46430531	DAN633
46430533	DAN632
46432301	DSN585
46434933	DAN621
46436507	DAN511
46437413	DAN629
46445094	DAN615
46445658	DAN502
46445660	DAN502
46445660	DAN632
46445660	DAN634
46445660	DAN643
46447117	DAN502
46448434	DAN502
46448434	DAN633
46457327	DAN632
46457327	DAN634
46457327	DAN643
46465273	DSN585
46473787	DSN577
46475793	DSN577
46478224	DSN577
46516740	DAN629
46521851	DAN624
46522234	DSN581
46540294	DAN621
46542889	DAN591
46544329	DAN502
46554408	DAN502
46559015	DAN630

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Cross Reference Chart

FIAT	DENSO
46709068	DAN502
46735837	DAN634
46736968	DAN631
46742110	DAN511
46748343	DAN502
46758244	DAN511
46763532	DAN502
46763532	DAN633
46763533	DAN502
46765835	DAN632
46765836	DAN502
46765837	DAN632
46765837	DAN634
46765837	DAN643
46765838	DAN502
46765839	DSN575
46769369	DAN502
46774415	DSN577
46774428	DAN512
46774430	DAN502
46782212	DAN501
46782213	DAN501
46782218	DAN640
46782219	DAN502
46797350	DSN585
46813064	DSN576
46816031	DAN630
46823544	DSN575
46843091	DAN591
46843098	DAN511
48008507	DAN610
50500728	DAN936
51700670	DAN630
51709133	DAN591
51714791	DAN519
51714794	DAN517
51734825	DAN936
51772325	DSN576
55192483	DSN576
55193355	DSN575
55201360	DSN575
60812535	DAN502
60812713	DAN502
60812814	DAN633
60815953	DAN502
60816045	DAN502
60816046	DAN502
60816047	DAN633
60816557	DAN501
61146532	DAN603
64432301	DSN585
71721230	DSN577
71721242	DSN502
71721258	DSN577
71739603	DAN632
71782324	DSN502
77028550	DAN610
77050550	DAN603
77110890	DAN618
77175430	DSN585
77201430	DSN585
88206020	DAN603
91600760	DAN511
12790800Ax	DSN585
131955508	DSN502
462123705	DAN525
1319555080	DSN502
1331329080	DSN502

FORD	DENSO
3M5T10300KB	DAN582
3M5T10300KC	DAN582
3M5T10300LA	DAN582

FORD	DENSO
3M5T10300LB	DAN582
3M5T10300LC	DAN582
3M5T10300NB	DAN934
3M5T10300NC	DAN934
3M5T10300XC	DAN931
3M5T10300XD	DAN931
3M5T10300YC	DAN930
3M5T10300YD	DAN930
4M5T10300AB	DAN933
4M5T10300BB	DAN933
4M5T10300BC	DAN933
4M5T10300UB	DAN932
4M5T10300UC	DAN932
91FF10300JA	DAN504
91FF10300JB	DAN504
95FF10300AA	DAN504
95FF10300AB	DAN504
95FF10300AC	DAN504
95FF10300AD	DAN504
96FF10300DC	DAN047
97AB10300AB	DAN047
97AB10300AC	DAN047
97AB10300AD	DAN047
97AB10300AE	DAN047
98AB10300JA	DAN505
1015821	DAN047
1018873	DAN047
1066047	DAN047
1066407	DAN047
1071383	DAN047
1074633	DAN504
1107444	DAN504
1107446	DAN047
1136152	DAN047
5026722	DAN504
5030589	DAN504
7352057	DAN504
30667068	DAN930
30667072	DAN934
30795423	DAN930
30795495	DAN934
63321257	DAN504
63321666	DAN504
63321695	DAN504
63341695	DAN504
A002T14592	DAN504
A2T14592	DAN504
A002TA2292	DAN504
A2TA2292	DAN504
R91FF10300JA	DAN504
R95FF10300AA	DAN504
R95FF10300AC	DAN504

GENERAL MOTORS	DENSO
824189	DAN509
1204434	DAN509
6204189	DAN509
13117236	DAN509
93169030	DAN509
93180104	DAN509

IVECO	DENSO
4808502	DAN610
4808507	DAN610
131955508	DSN502

LANCIA	DENSO
7634289	DAN615
7646189	DAN615
7697863	DAN615
7704356	DAN618
7711092	DAN618
7781075	DAN502

LANCIA	DENSO
7782314	DAN502
46231650	DAN618
46231671	DAN502
46231724	DAN502
46231735	DAN615
46305329	DAN502
46412681	DAN502
46428730	DAN502
46428730	DAN632
46430529	DAN502
46430531	DAN502
46430533	DAN632
46445658	DAN502
46445660	DAN502
46445660	DAN632
46448434	DAN502
46763532	DAN502
46765836	DAN502
46769369	DAN502
46774428	DAN512
46782219	DAN502
60812535	DAN502
60812713	DAN502
60816046	DAN502

LAND ROVER	DENSO
AMR3412	DAN005
AMR4248	DAN008
AMR5425	DAN008

MAGNETI MARELLI	DENSO
063114014010	DSN502
063193001010	DSN504
063320025010	DAN603
063321019010	DAN607
063321042010	DAN609
063321044010	DAN610
063321826010	DAN501
063321859010	DAN502
063321861010	DAN512
063341321010	DAN008
063341658000	DAN521
063341695010	DAN504
063341730010	DAN047
063377004010	DAN513
063377006010	DAN517
063377013010	DAN519
063377300010	DAN515
063377412010	DAN505
063377416010	DAN930
063377417010	DAN931
063377418010	DAN932
063377420010	DAN934
063377421010	DAN582
063377423010	DAN583
063377424010	DAN584
063377425010	DAN585
063377490010	DAN506
063377491010	DAN509
063377492010	DAN510

MERCEDES-BENZ	DENSO
0003188V006	DSN583
A1601540101	DAN648
A1601540201	DAN648
A1601540301	DAN521
A1601540501	DAN521
A1601540502	DAN521

MINI	DENSO
12317790879	DAN981
12317791334	DAN982

MITSUBISHI	DENSO
A002T14592	DAN504
A2T14592	DAN504
A002TA2292	DAN504
A2TA2292	DAN504

OPEL	DENSO
1204433	DAN510
1204434	DAN509
1204436	DAN506
6204187	DAN510
6204188	DAN506
6204189	DAN509
13117236	DAN509
13117340	DAN510
13117341	DAN506
13222934	DAN583
13222935	DAN584
13222936	DAN585
93169028	DAN510
93169030	DAN509
93169032	DAN506
93180098	DAN510
93180102	DAN506

PEUGEOT	DENSO
9638543680	DAN515
9642879680	DAN515
9649611680	DAN515

ROVER	DENSO
AMR4247	DAN020

SEAT	DENSO
HB90800002	DSN585
HB0219080004	DSN585
SE021908000A	DSN585
SE127908000A	DSN585

SMART	DENSO
A0051512601	DSN583
A1601540101	DAN648
A1601540201	DAN647
A1601540201	DAN648
A1601540301	DAN521
A1601540401	DAN647
A1601540501	DAN521
A1601540502	DAN521
A1601540601	DAN647

TOYOTA	DENSO
270600G011	DAN938
270600J010	DAN960
270600J030	DAN960
281000D090	DSN920
281000D180	DSN920
281000J010	DSN931
281000J020	DSN931
2706021010	DAN966
2706021011	DAN966
2706021030	DAN959
2706021031	DAN959
2706022030	DAN942
2706022100	DAN948
2706022130	DAN949
2706022140	DAN943
2706022210	DAN944
2706023010	DAN960
2706023030	DAN961
2706023040	DAN962
2706027030	DAN939
2706027070	DAN945
2706027080	DAN940
2706027090	DAN941

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Cross Reference Chart

TOYOTA	DENSO
2706027100	DAN945
2706028080	DAN950
2706028090	DAN950
2706028110	DAN951
2706028260	DAN952
2706033010	DAN964
2706033020	DAN964
2706033030	DAN965
2706033040	DAN965
2706074360	DAN954
2706074410	DAN954
2706074730	DAN950
2706074730	DAN955
2706074750	DAN950
2706074750	DAN955
2810021020	DSN934
2810021030	DSN934
2810021040	DSN935
2810021060	DSN936
2810021061	DSN936
2810021062	DSN936
2810022030	DSN921
2810022040	DSN921
2810023020	DSN931
2810023030	DSN931
2810028010	DSN922
2810033040	DSN937
2810033050	DSN937
2810033070	DSN926
2810033080	DSN926
2810064300	DSN928
2810064430	DSN928
2810074130	DSN923
2810074260	DSN929
2810074270	DSN929

VAUXHALL	DENSO
1204436	DAN506
93169032	DAN506

VOLVO	DENSO
30667068	DAN930
30667072	DAN934
30795423	DAN930
30795495	DAN934

Starters & Alternators | Abbreviations

	GB	DE	FR	ES	IT	SE	PL	RU
	Vehicle, Make, Model, Engine Capacity	Fahrzeug, Marke, Modell, Hubraum	Véhicule, Marque, Modèle, Cylindrée	Vehículo, Marca, modelo, cilindrada del motor	Veicolo, Marca, Modello, Cilindrata	Fordon, Märke, Modell, Motorvolym	Pojazd, marka, model, pojemność silnika	Автомобиль, марка, модель, литраж двигателя
	Fuel	Kraftstoff	Carburant	Combustible	Alimentazione	Bränsle	Paliwo	Топливо
kW/HP	Engine Power	Motorleistung	Puissance du moteur	Potencia del motor	Potenza motore	Motoreffekt	Moc silnika	Мощность двигателя
	Engine Code	Motorcode	Code du moteur	Código del motor	Numero motore	Motorkod	Kod silnika	Код двигателя
	Year (from - to)	Jahr (von - bis)	Année (de - à)	Año (de - a)	Anno (da - a)	År (från- till)	Rok (od - do)	Год (с - до)
	Transmission	Getriebe	Transmission	Transmisión	Trasmissione	Växellåda	Skrzynia biegów	Коробка передач
	Additional Information	Zusätzliche Informationen	Information complémentaire	Información suplementaria	Informazioni supplementari	Ytterligare information	Informacje dodatkowe	Дополнительная информация
	Volt / KW	Volt/kW	Volt / kW	Voltio / Kilovatio	Volt / KW	Volt / KW	V/kW	Вольт / кВт
Current (Amps)	Volt / Ampere	Volt/Ampere	Volt / Ampère	Voltio / Amperio	Volt / Ampere	Volt / Ampere	V/A	Вольт / Ампер
ACW	Anti-Clock Wise	entgegengesetzt des Uhrzeigersinnes	Sens Anti-horaire	Sentido contrario de las agujas del reloj	In senso orario	Moturs	przeciwny do kierunku ruchu wskazówek zegara	Против часовой стрелки
CW	Clock Wise	im Uhrzeigersinn	Sens Horaire	Sentido de las agujas del reloj	Anti-in senso orario	Medurs	zgodny z kierunkiem ruchu wskazówek zegara	По часовой стрелке

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