

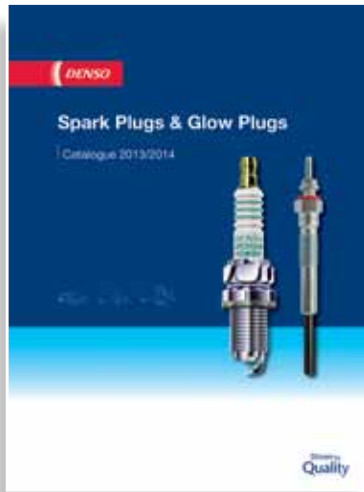
DENSO

Starters & Alternators

| Catalogue 2013/2014



Driven by
Quality



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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.

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
- > 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



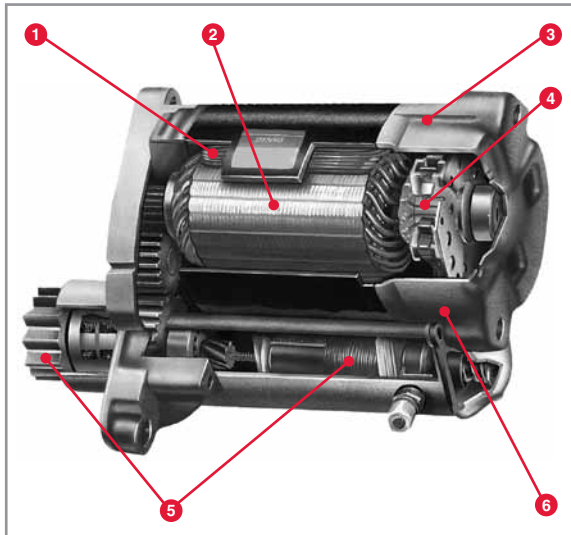
SC Alternator

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



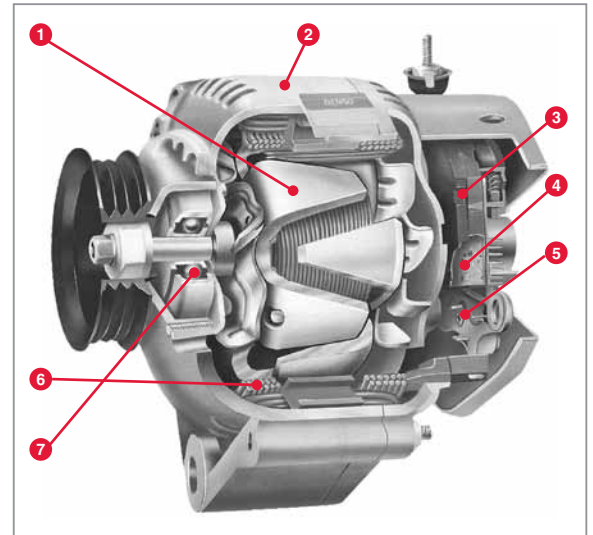
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Technical drawing: Starter



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.

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
- > 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-Startler (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-Startler 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-Startler)

- > 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-Startler)

- > 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

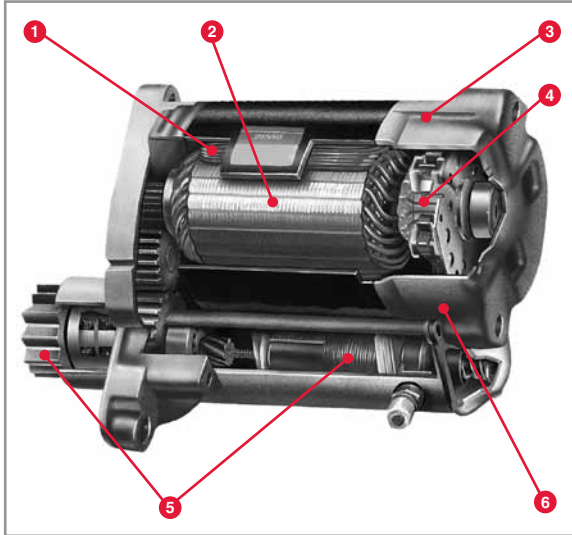


SC-Lichtmaschine

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

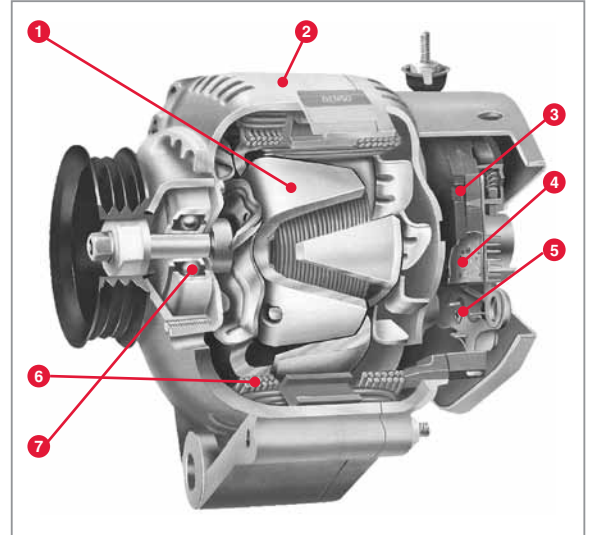
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Technische Zeichnung: Anlasser



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.

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
- > 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



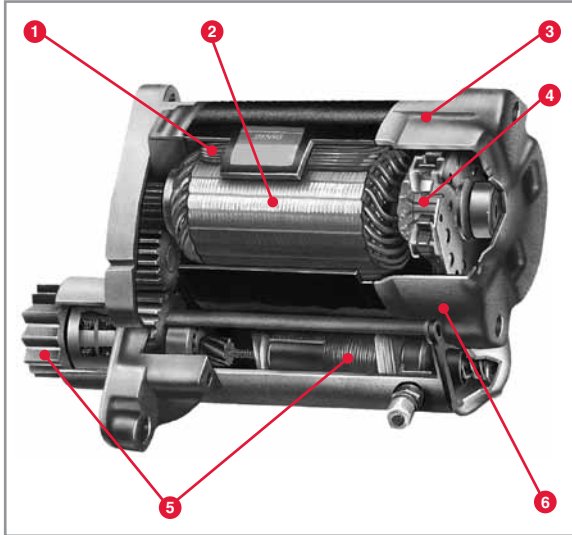
Alternateur SC

- > 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



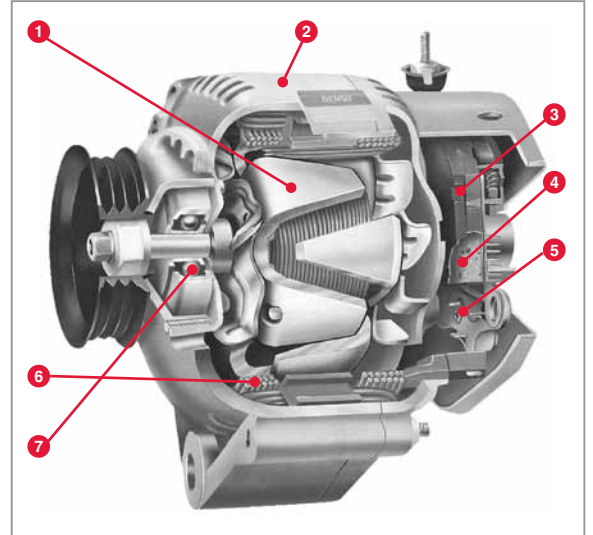
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Schéma technique: Démarreur



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.

¿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
- > 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



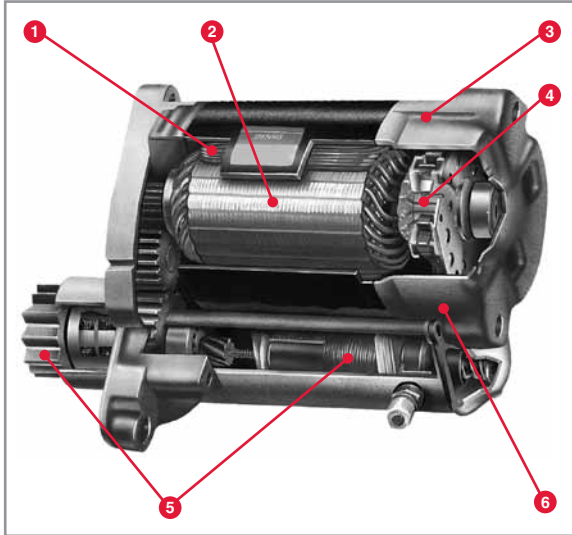
Alternador SC

- > 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



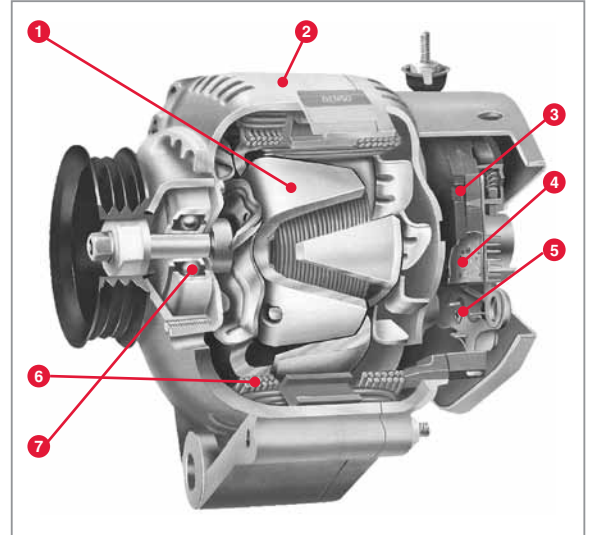
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Plano: Motor de arranque



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.

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
- > 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

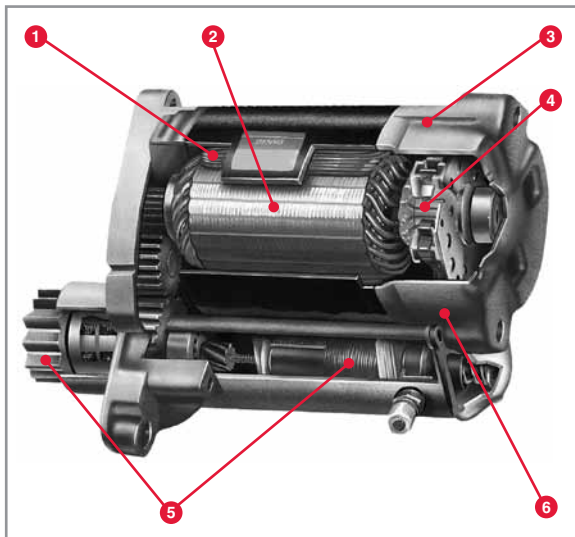


Alternatore SC

- > 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

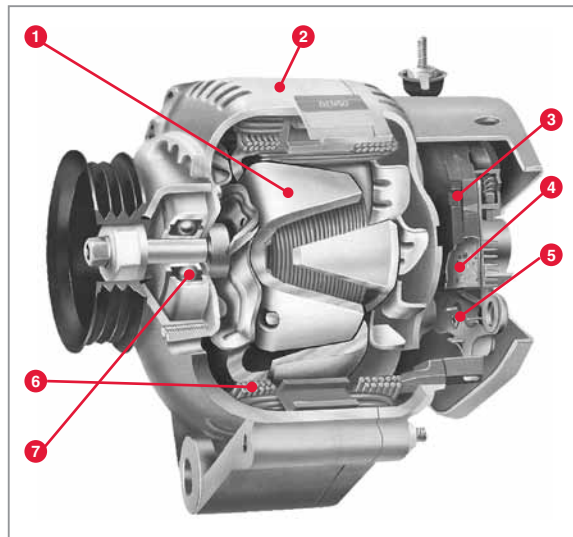
I

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.

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
- > Unika tillämpningar: Överträffat 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

- > Höghastighetsmotor 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-generatorm 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



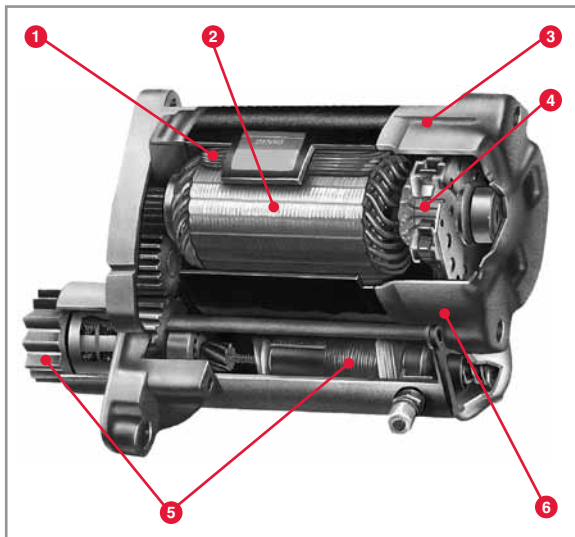
SC-generator

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



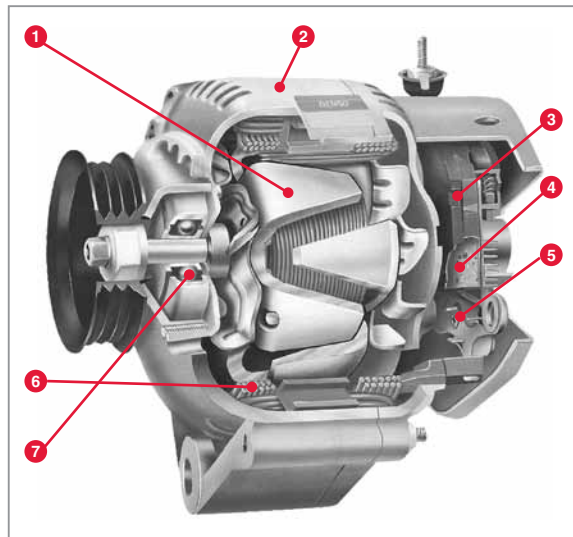
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Ritning över enhet: Startmotor



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

Ritning över enhet: Generator



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

PL

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.

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
- > 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

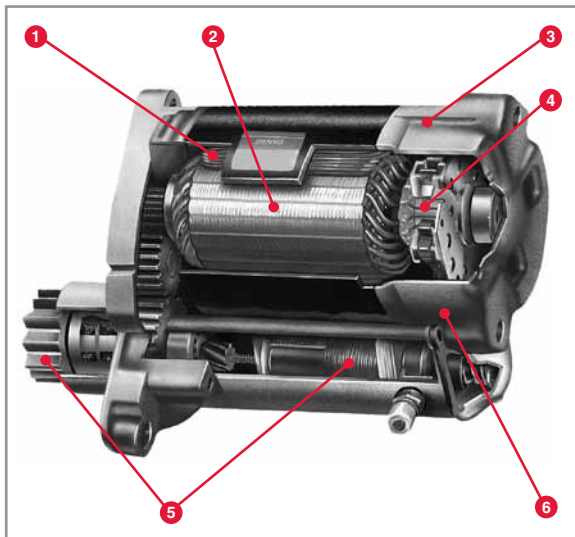


Alternator SC

- > 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

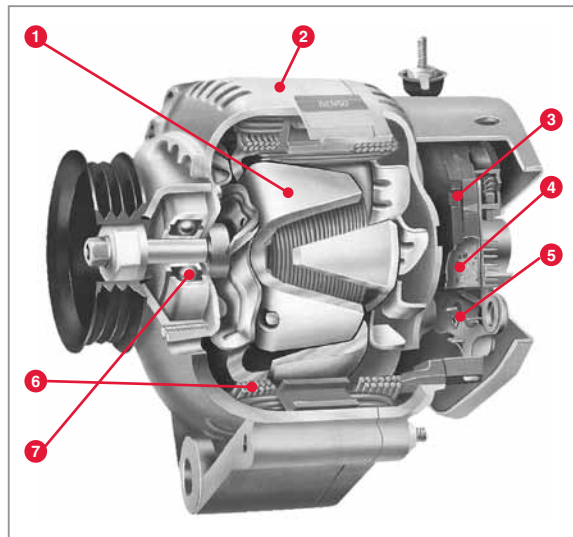
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Rysunek techniczny Rozrusznik



1. Cewka magnetyczna
2. Wirnik
3. Obudowa
4. Komutator
5. Cewka zębniaka
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.

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
- > 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
- > Холоднокованое 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

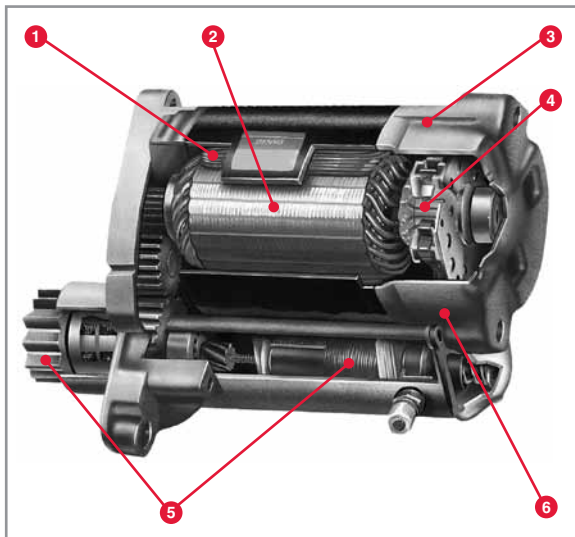


Генератор с сегментным проводником

- > 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

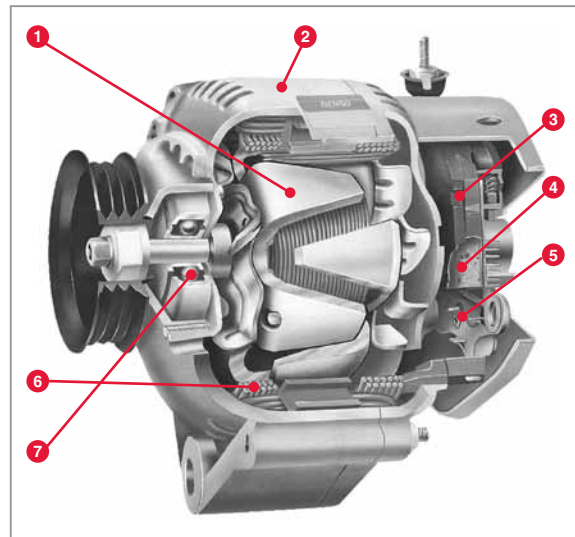
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Технический чертеж: стартер



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






New Products/Superseded/Discontinued










DENSO PN	MAKE	MODEL	NEW	DISCONTINUED	SUPERSEDED BY
DAN575	FIAT			X	
DAN582	FORD	C-MAX (03-07), C-MAX (07-), FOCUS II (04-)	•		
DAN603	IVECO	M, MK, P/PA, TurboStar, TurboTech, Zeta	•		
DAN605	FIAT			X	
DAN616	FIAT			X	
DAN671	JAGUAR	XK 8	•		
DAN965	TOYOTA			X→	DAN950
DAN967	TOYOTA			X→	DAN1019
DAN988	LAND ROVER	RANGE ROVER SPORT	•		
DAN990	LAND ROVER	RANGE ROVER SPORT	•		
DAN1019	TOYOTA	AURIS (06-12)	•		
DAN1025	TOYOTA	YARIS (05-)	•		
DAN1061	TOYOTA	AURIS (06-12), COROLLA (06-)	•		
DAN1062	FIAT / SUZUKI	SEDICI / SX4	•		
DAN1063	PSA Group	CITROËN BERLINGO (96-), CITROËN SAXO, PEUGEOT 306, PEUGEOT 106 (96-), PEUGEOT PARTNER (96-)	•		
DAN1066	ALFA ROMEO	GIULIETTA (10-)	•		
DAN1067	LOMBARDINI	For Non-Automotive Applications	•		
DAN1068	CHEVROLET	Not for European Applications	•		
DAN1071	PEUGEOT	208	•		
DAN1072	PERKINS	For Non-Automotive Applications	•		
DAN1073	FORD	B-MAX, FOCUS III (11-)	•		
DAN1074	FORD	C-MAX (07-), GRAND C-MAX, FOCUS III (11-)	•		
DAN1078	FIAT Group	ALFA MITO, FIAT 500 (07-), FIAT 500 C (09-), FIAT PANDA (12-), FIAT PUNTO 0.9 (12-), LANCIA YPSILON (846) (11-)	•		
DSN581	FIAT			X	
DSN939	IVECO	EuroTech MH, EuroTrakker, Stralis, Trakker	•		
DSN940	IVECO	EuroStar, EuroTech MP, EuroTrakker, Stralis	•		
DSN966	PERKINS	For Non-Automotive Applications	•		
DSN967	MERCEDES-BENZ	C CLASS, CLS, E-CLASS, GLK-CLASS, SLK, SPRINTER 3-t, SPRINTER 3,5-t, VIANO, VITO	•		
DSN968	MERCEDES-BENZ	C CLASS, CLC, CLK, E-CLASS, SPRINTER 3-t, SPRINTER 3,5-t, SPRINTER 5-t	•		
DSN970	PORSCHE	911 (997), BOXSTER, CAYMAN	•		
DSN972	PORSCHE	911 (991), BOXSTER	•		
DSN974	IVECO	For Non-Automotive Applications	•		
DSN975	FIAT Group	FIAT 500 (07-), FIAT 500 C (09-), FIAT 500L, FIAT PANDA (12-), FIAT PUNTO 0.9 (12-), LANCIA YPSILON (846) (11-)	•		

DENSO Application Tables – Starters






















		 kW							
ALFA ROMEO									
145 1.4 i.e. 16V T.S.	Petrol	76	AR33503	MTM	12/96 > 01/01		DSN579	12	1.4
145 1.6 i.e. 16V T.S.	Petrol	88	AR32102; AR67601	MTM	12/96 > 01/01		DSN579	12	1.4
145 1.8 i.e. 16V	Petrol	106	AR32201	MTM	03/98 > 01/01		DSN579	12	1.4
145 1.8 i.e. 16V T.S.	Petrol	103	AR67106; AR67199; AR67106	MTM	12/96 > 12/98		DSN579	12	1.4
145 2.0 16V Quadrifoglio	Petrol	114	AR32301	MTM	03/98 > 01/01		DSN579	12	1.4
145 2.0 16V T.S.	Petrol	110	AR67204; AR67299	MTM	10/95 > 02/99		DSN579	12	1.4
146 1.4 i.e. 16V T.S.	Petrol	76	AR33503	MTM	11/96 > 01/01		DSN579	12	1.4
146 1.6 i.e. 16V T.S.	Petrol	88	AR32102; AR67601	MTM	11/96 > 01/01		DSN579	12	1.4
146 1.8 i.e. 16V T.S.	Petrol	103	AR67106	MTM	11/96 > 02/99	Ch No: 92747>	DSN579	12	1.4
146 1.8 i.e. 16V T.S.	Petrol	103	AR67106	MTM	11/96 > 01/01	Ch No: >92746	DSN579	12	1.4
146 1.8 i.e. 16V T.S.	Petrol	106	AR32201	MTM	03/98 > 01/01		DSN579	12	1.4
146 1.9 TD	Diesel	66	AR33601; AR67501	MTM	12/94 > 02/99		DSN579	12	1.4
146 2.0 16V Quadrifoglio	Petrol	114	AR32301	MTM	03/98 > 01/01		DSN579	12	1.4
146 2.0 16V T.S.	Petrol	110	AR67204	MTM	10/95 > 01/01		DSN579	12	1.4
147 1.6 16V T.SPARK	Petrol	88	AR32104	MTM	01/01 > 03/10	Ch No: >3086002	DSN579	12	1.4
147 1.6 16V T.SPARK	Petrol	88	AR32104	MTM	01/01 > 03/10	Ch No: >3164163	DSN579	12	1.4
147 1.6 16V T.SPARK ECO	Petrol	77	AR37203	MTM	01/01 > 03/10	Ch No: >3086002	DSN579	12	1.4
147 1.6 16V T.SPARK ECO	Petrol	77	AR37203	MTM	01/01 > 03/10	Ch No: >3164163	DSN579	12	1.4
147 2.0 16V T.SPARK	Petrol	110	AR32310	MTM	01/01 > 09/04		DSN579	12	1.4
147 2.0 16V T.SPARK	Petrol	110	AR32310	MTM	01/01 > 03/10	Ch No: >3086002	DSN579	12	1.4
147 2.0 16V T.SPARK	Petrol	110	AR32310	MTM	01/01 > 03/10	Ch No: >3164163	DSN579	12	1.4
155 1.7 T.S. 16V	Petrol	103	AR67106	MTM	05/96 > 12/97		DSN579	12	1.4
155 2.0 T.S. 16V	Petrol	110	AR67204; AR67299; AR67204	MTM	03/95 > 12/97		DSN579	12	1.4
156 1.6 16V T.SPARK	Petrol	88	AR32103	MTM	09/97 > 03/03		DSN579	12	1.4
156 1.6 16V T.SPARK	Petrol	88	AR32102; AR32103; AR32104; AR67601	MTM	04/03 > 09/05	Ch No: >1287014	DSN579	12	1.4
156 1.6 16V T.SPARK.	Petrol	88	AR67601	MTM	05/00 > 03/03		DSN579	12	1.4
156 1.6 16V T.SPARK.	Petrol	88	AR32104; AR67601	MTM	04/03 > 05/06	Ch No: >1287014	DSN579	12	1.4
156 1.8 16V T.SPARK	Petrol	106	AR32201	MTM	09/97 > 10/00		DSN579	12	1.4
156 1.8 16V T.SPARK	Petrol	103	AR32205	MTM	10/00 > 03/03		DSN579	12	1.4
156 1.8 16V T.SPARK	Petrol	103	AR32205	MTM	04/03 > 05/06	Ch No: >1287014	DSN579	12	1.4
156 1.9 JTD	Diesel	77	AR32302	MTM	05/00 > 10/00		DSN579	12	1.4
156 2.0	Petrol	119	937A1000	MTM	03/02 > 03/03		DSN579	12	1.4
156 2.0	Petrol	119	937A1000	MTM	04/03 > 05/06	Ch No: >1287014	DSN579	12	1.4
156 2.0 16V T.SPARK	Petrol	110/114	AR32301; AR32310	MTM	09/97 > 03/02		DSN579	12	1.4
156 2.0 JTS	Petrol	122	932A2000; 937A1000	MTM	03/02 > 03/03		DSN579	12	1.4
156 2.0 JTS	Petrol	122	932A2000; 937A1000	MTM	04/03 > 05/06	Ch No: >1287014	DSN579	12	1.4
166 2.0 T.Spark	Petrol	114	AR34103	MTM	09/98 > 10/00		DSN579	12	1.4
166 2.0 T.Spark	Petrol	110	AR36301	MTM	10/00 > 04/06		DSN579	12	1.4
GTV (95-05) 1.8 16V	Petrol	106	AR32201	MTM	05/98 > 02/03		DSN579	12	1.4
GTV (95-05) 2.0 T.SPARK 16V	Petrol	110	AR16201; AR32310	MTM	06/95 > 10/04	Ch No: 6001359>	DSN579	12	1.4
GTV (95-05) 2.0 T.SPARK 16V	Petrol	114	AR32301	MTM	05/98 > 08/00		DSN579	12	1.4
GTV (95-05) 2.0 T.SPARK 16V	Petrol	110	AR16201; AR32310	MTM	08/00 > 05/02		DSN579	12	1.4
SPIDER (95-05) 1.8 16V	Petrol	106	AR32201	MTM	05/98 > 02/03		DSN579	12	1.4
SPIDER (95-05) 2.0 T.SPARK 16V	Petrol	110	AR16201; AR32310	MTM	06/95 > 04/05	Ch No: 6001359>	DSN579	12	1.4
SPIDER (95-05) 2.0 T.SPARK 16V	Petrol	114	AR32301	MTM	05/98 > 08/00		DSN579	12	1.4
SPIDER (95-05) 2.0 T.SPARK 16V	Petrol	110	AR16201; AR32310	MTM	08/00 > 02/03		DSN579	12	1.4
AUDI									
A1 (10-) 1.4 TFSI	Petrol	103	CPTA	MTM	04/12 >		DSN962	12	2.0
A1 (10-) 1.6 TDI	Diesel	77	CAYC		05/10 >	BO; VA, - SS, + PR: 7L3	DSN963	12	2.0
A1 (10-) 1.6 TDI	Diesel	66	CAYB	MTM	03/11 >	BO; VA, - SS, + PR: 7L3	DSN963	12	2.0
A3 (96-03) 1.8 T	Petrol	110	AGU; AQU; AUM	5ATM	09/00 > 05/03		DSN957	12	1.4
A3 (96-03) 1.8 T	Petrol	132	ARY; AUQ	ATM	09/00 > 05/03		DSN957	12	1.4
A3 (96-03) 1.8 T quattro	Petrol	110/132	AGU; AQU; ARX; ARY	ATM	09/00 > 05/03		DSN957	12	1.4
A3 (96-03) 1.9 TDI	Diesel	96	ASZ	ATM	08/00 > 05/03		DSN958	12	2.4
A3 (96-03) 1.9 TDI	Diesel	74	ATD; AXR	ATM	01/01 > 05/03		DSN958	12	2.4
A3 (96-03) 1.9 TDI quattro	Diesel	96	ASZ	ATM	08/00 > 05/03		DSN958	12	2.4
A3 (03-12) 1.2 TFSI	Petrol	77	CBZB		03/10 >	+ SS, + PR: 7L6	DSN964	12	2.0
A3 (03-12) 1.2 TSI	Petrol	77	CBZB	MTM	04/10 >	+ SS, + PR: 7L6	DSN964	12	2.0
A3 (03-12) 1.6 TDI	Diesel	66	CAYB		05/09 >	BO; VA, - SS, + PR: 7L3	DSN963	12	2.0
A3 (03-12) 1.6 TDI	Diesel	77	CAYC	MTM	11/09 >	BO; VA, - SS, + PR: 7L3	DSN963	12	2.0
Q3 (11-) 2.0 TFSI quattro	Petrol	125	CCZC	MTM	06/11 > 12/12	+ SS, + PR: 7L6	DSN962	12	2.0
Q7 (06-) 3.0 TDI	Diesel	150/180	CJGC; CJGD; CJMA;		05/10 >	+ SS, + PR: 7L8	DSN965	12	2.0
Q7 (06-) 3.0 TDI	Diesel	176	CJGA; CNRB		05/10 >	+ SS, + PR: 7L8	DSN965	12	2.0
AUTOBIANCHI									
A 112 0.9	Petrol	32	A112A5000; A112A200	MTM	10/69 > 12/72		DSN585	12	0.8











									
AUTOBIANCHI <i>continued</i>									
A 112 0.9 Junior	Petrol	31	A112A 5.000; A112B2.000	MTM	07/75 > 08/85		DSN585	12	0.8
A 112 1.0 Abarth	Petrol	51	A112A2000; A112AB2C0	MTM	03/75 > 12/84		DSN585	12	0.8
A 112 1.0 E, Elite, LX	Petrol	35	A112B1000	MTM	11/77 > 08/85		DSN585	12	0.8
BMW									
3 (E46) 318 d	Diesel	85	M47 204 D1; M47 D20; M47N 204 D4		03/02 > 02/05		DSN504	12	1.8
3 (E46) 318 td	Diesel	85	M47N 204 D4		03/03 > 02/05		DSN504	12	1.8
3 (E46) 320 d	Diesel	100	M47 204 D1; M47 D20		04/98 > 09/01		DSN504	12	1.8
3 (E46) 320 td	Diesel	110	M47N204D4		09/01 > 02/05		DSN504	12	1.8
3 (E46) 330 Cd	Diesel	150	M57N306D2		07/03 > 05/06		DSN959	12	2.0
3 (E46) 330 Cd	Diesel	150	M57N306D2	MTM	08/05 > 08/06		DSN959	12	2.0
3 (E46) 330 d	Diesel	150	M57N306D2; M57D30204; M57D30TU		03/03 > 02/05		DSN959	12	2.0
3 (E46) 330 xd	Diesel	150	M57N306D2; M57D30204; M57D30TU		03/03 > 02/05		DSN959	12	2.0
5 (E39) 520 d	Diesel	100	M47 204 D1; M47 D20		02/00 > 09/03		DSN504	12	1.8
5 (E60) 525 d	Diesel	130	M57N256D2; M57D25TU		06/04 > 12/06		DSN959	12	2.0
5 (E60) 530 d	Diesel	160	M57N2306D3; M57N306D2; M57D30TU		07/03 > 09/05		DSN959	12	2.0
5 (E60) 535 d	Diesel	200	M57306D4; M57D30TU	ATM	09/04 > 12/06		DSN959	12	2.0
5 (E61) 525 d	Diesel	130	M57N256D2; M57D25TU		06/04 > 12/06		DSN959	12	2.0
5 (E61) 530 d	Diesel	160	M57N2306D3; M57N306D2; M57D30TU		06/04 > 12/06		DSN959	12	2.0
5 (E61) 535 d	Diesel	200	M57306D4; M57D30TU	ATM	09/04 > 12/06		DSN959	12	2.0
7 (E65, E66) 730 d	Diesel	160	M57N306D2; M57D30TU	ATM	10/02 > 02/05		DSN959	12	2.0
X3 (E83) 3.0 d	Diesel	150	M57N306D2; M57D30204		01/04 > 09/05		DSN959	12	2.0
X5 (E53) 3.0 d	Diesel	160	M57N306D2; M57D30TU		12/03 > 11/06		DSN959	12	2.0
CITROËN									
C5 (08-) 2.7 HDi	Diesel	150	DT17TED4; DT17BTED4/F(UHZ 208)	ATM	02/08 > 05/08		DSN942	12	2.2
C5 (08-) 2.7 HDi	Diesel	150	DT17TED4; DT17BTED4; F(UHZ 208)	ATM	06/08 > 04/09		DSN942	12	2.2
C5 (08-) 3.0 HDi 240	Diesel	177	DT20C/F(X8Z-E5)	ATM	04/09 >		DSN942	12	2.2
C6 2.7 HDi	Diesel	150	DT17TED4; DT17BTED4; F(UHZ 208)	ATM	12/05 >		DSN942	12	2.2
C6 3.0 HDi	Diesel	177	DT20C/F(X8Z-E5)	ATM	04/09 >		DSN942	12	2.2
FIAT									
127 0.9	Petrol	33	127GL000		06/73 > 05/83		DSN585	12	0.8
500 (07-) 0.9	Petrol	63	312 A2.000		09/10 >	BO	DSN975	12	1.4
500 C (09-) 0.9	Petrol	63	312 A2.000		09/10 >	BO	DSN975	12	1.4
500L 0.9	Petrol	77	199 B6.000		09/12 >	BO	DSN975	12	1.4
500L 0.9 CNG	Petrol/ CNG	63	312 A2.000		03/13 >	BO	DSN975	12	1.4
BARCETTA 1.8 16V	Petrol	96	188A6000	MTM	04/95 > 06/03	Ch No: 32780>	DSN579	12	1.4
BARCETTA 1.8 16V	Petrol	96	183A1000; 188A6000	MTM	04/95 > 04/04		DSN579	12	1.4
BARCETTA 1.8 16V	Petrol	96	188A6000	MTM	04/95 > 04/04	Ch No: >32779	DSN579	12	1.4
BARCETTA 1.8 16V	Petrol	96	183A1000; 188A6000	MTM	07/03 > 04/04	Eng No: >055275	DSN579	12	1.4
BRAVA (95-01) 1.2 16V 80	Petrol	59/60	182B2000; 188A5000	MTM	12/98 > 10/01		DSN961	12	0.8
BRAVA (95-01) 1.6 16V	Petrol	66/76	182A4000; 182A6000	MTM	10/95 > 10/01		DSN577	12	1.0
BRAVA (95-01) 1.6 16V	Petrol	66/76	182A4000; 182A6000	MTM	10/95 > 10/01		DSN586	12	0.9
BRAVA (95-01) 1.8 GT 16V	Petrol	83	182A2000	MTM	10/95 > 10/01		DSN577	12	1.0
BRAVA (95-01) 1.8 GT 16V	Petrol	83	182A2000	MTM	10/95 > 10/01		DSN579	12	1.4
BRAVA (95-01) 1.8 GT 16V	Petrol	83	182A2000	MTM	10/95 > 10/01		DSN586	12	0.9
BRAVA (95-02) 1.2 16V 80	Petrol	59/60	182B2000; 188A5000	MTM	12/98 > 10/01		DSN961	12	0.8
BRAVO (95-02) 1.6 16V	Petrol	66	182A6000	MTM	10/95 > 10/01		DSN577	12	1.0
BRAVO (95-02) 1.6 16V	Petrol	66	182A6000	MTM	10/95 > 10/01		DSN586	12	0.9
BRAVO (95-02) 1.6 16V	Petrol	76	182A4000		03/96 > 10/01		DSN577	12	1.0
BRAVO (95-02) 1.6 16V	Petrol	76	182A4000		03/96 > 10/01		DSN586	12	0.9
BRAVO (95-02) 1.8 GT	Petrol	83	182A2000	MTM	11/96 > 10/01		DSN577	12	1.0
BRAVO (95-02) 1.8 GT	Petrol	83	182A2000	MTM	11/96 > 10/01		DSN579	12	1.4
BRAVO (95-02) 1.8 GT	Petrol	83	182A2000	MTM	11/96 > 10/01		DSN586	12	0.9
BRAVO (95-02) 2.0 HGT 20V	Petrol	108	182A1000	MTM	11/96 > 07/98		DSN579	12	1.4
BRAVO (95-02) 2.0 HGT 20V	Petrol	113	182B7000	MTM	07/98 > 08/00	Ch No: >5053877	DSN579	12	1.4
BRAVO (95-02) 2.0 HGT 20V	Petrol	113	182B7000; 182A1000	MTM	07/98 > 08/00		DSN579	12	1.4
BRAVO (95-02) 2.0 HGT 20V	Petrol	113	182B7000	MTM	07/98 > 10/01	Ch No: 5053878>	DSN579	12	1.4
CINQUECENTO 0.9	Petrol	30	170A1046; 170A1000; 170A1046	MTM	07/91 > 12/93		DSN585	12	0.8











		 kW							kW
FIAT continued									
CINQUECENTO 0.9 i.e.	Petrol	30	170A1046; 170A1000; 170A1046	MTM	07/91 > 12/93		DSN585	12	0.8
CINQUECENTO 0.9 i.e. S	Petrol	29	1170A104	MTM	07/91 > 07/98		DSN585	12	0.8
COUPE 1.8 16V	Petrol	96	182B3000; 183A1000	MTM	03/96 > 08/00		DSN579	12	1.4
COUPE 2.0 20V	Petrol	108	182A1000	MTM	08/96 > 04/98		DSN579	12	1.4
COUPE 2.0 20V	Petrol	113	182B7000; 182B3000	MTM	10/98 > 08/00		DSN579	12	1.4
COUPE 2.0 20V Turbo	Petrol	162	175A3000	MTM	08/96 > 08/00		DSN579	12	1.4
ELBA 1.6	Petrol	69	146C7098; 146D6000	MTM	01/94 > 12/96		DSN586	12	0.9
FIORINO (77-88) 900	Petrol	33	100GL000; 127GL000	MTM	10/77 > 12/84		DSN585	12	0.8
FIORINO (88-05) 1.4	Petrol	49	146D5000; 146C5000	MTM	05/94 > 09/00		DSN586	12	0.9
FIORINO (88-05) 1.6	Petrol	55	146D6000	MTM	01/94 > 09/00		DSN586	12	0.9
FIORINO (88-05) 70 i.e. 1.4	Petrol	49	146D5000; 146C5000	MTM	05/94 > 09/00		DSN586	12	0.9
FIORINO (88-05) 75 i.e. 1.6	Petrol	55	146D6000	MTM	10/93 > 09/00		DSN586	12	0.9
IDEA 1.2 16V	Petrol	59	188A5000	MTM	01/04 >		DSN576	12	0.9
MAREA 1.2 16V	Petrol	60	182B2000	MTM	10/98 > 08/00		DSN961	12	0.8
MAREA 1.6 100 16V	Petrol	76	182A4000	MTM	09/96 > 08/00		DSN586	12	0.9
MAREA 1.6 100 16V	Petrol	76	182A4000; 185A3000; 182A4000	MTM	09/96 > 08/00		DSN577	12	1.0
MAREA 1.8 115 16V	Petrol	83	182A2000	MTM	09/96 > 08/00		DSN577	12	1.0
MAREA 1.8 115 16V	Petrol	83	182A2000	MTM	09/96 > 08/00		DSN579	12	1.4
MAREA 2.0 150 20V	Petrol	108/110	182A1000; 185A8000	MTM	09/96 > 05/02		DSN579	12	1.4
MAREA 2.0 155 20V	Petrol	113	182B7000	MTM	04/99 > 08/00		DSN579	12	1.4
MAREA 2.4 JTD 130	Diesel	96	185A6000; 182B7000	MTM	04/99 > 08/00		DSN579	12	1.4
PALIO 1.2	Petrol	44	178C4066; 188A4000	MTM	02/01 > 10/04		DSN577	12	1.0
PALIO 1.2	Petrol	59	188A5000	MTM	09/01 >		DSN577	12	1.0
PALIO 1.6 16V	Petrol	74	178B3000	MTM	04/96 > 10/02		DSN577	12	1.0
PALIO 1.6 16V	Petrol	74	178B3000	MTM	07/97 > 02/01		DSN577	12	1.0
PALIO 1.6 16V	Petrol	74	178B3000	MTM	07/97 > 02/01	Ch No: >0574997	DSN586	12	0.9
PANDA (80-04) 750	Petrol	25	141B000; 156A4000; 156A4048	MTM	01/86 > 12/97		DSN585	12	0.8
PANDA (80-04) 750	Petrol	25	141B000; 156A4000; 156A4048		09/86 > 12/97		DSN960	12	0.8
PANDA (80-04) 750	Petrol	25	156A4000	MTM	10/88 > 07/92		DSN585	12	0.8
PANDA (80-04) 800	Petrol	25	141AG00; 100GL6000	MTM	02/81 > 12/85		DSN585	12	0.8
PANDA (80-04) 900	Petrol	29/33	141A300; 146A048; 100GL3000; 1170A1046; 1170A104	MTM	10/80 > 12/96		DSN585	12	0.8
PANDA (80-04) 1000	Petrol	32	156A2100		01/86 > 06/90		DSN960	12	0.8
PANDA (80-04) 1000	Petrol	37	176A2000; 146A048	MTM	05/86 > 04/91		DSN585	12	0.8
PANDA (80-04) 1000	Petrol	37	176A2000		09/86 > 06/90		DSN960	12	0.8
PANDA (80-04) 1000 i.e	Petrol	33	141C2000; 156A2246		08/92 > 09/95		DSN960	12	0.8
PANDA (80-04) 1000 i.e. CAT	Petrol	33	141C2000; 156A2000; 156A2246		07/90 > 08/98		DSN960	12	0.8
PANDA (80-04) 1100	Petrol	37	156C046		01/93 > 03/95		DSN960	12	0.8
PANDA (80-04) 1100	Petrol	40	176B2000; 187A1000		02/95 > 09/03		DSN960	12	0.8
PANDA (80-04) 1100 Trekking 4x4	Petrol	37	156C046		03/92 > 12/92		DSN960	12	0.8
PANDA (80-04) 950 4x4	Petrol	35	112A054; A112B1054	MTM	10/84 > 09/85		DSN585	12	0.8
PANDA (80-04) 1000 4x4	Petrol	37	156A048; 156A3000		09/86 > 06/90		DSN960	12	0.8
PANDA (80-04) 1000 4x4	Petrol	33	156A2246		09/86 > 12/94		DSN960	12	0.8
PANDA (80-04) 1000 4x4	Petrol	32	156A2100		03/89 > 07/89		DSN960	12	0.8
PANDA (80-04) 1100 4x4	Petrol	40	176B2000; 187A1000		02/95 > 09/95		DSN960	12	0.8
PANDA (03-) 1.1	Petrol	40	187A1000	MTM	09/03 >	+ AC	DSN576	12	0.9
PANDA (03-) 1.2	Petrol	44	188A4000	MTM	09/03 >		DSN576	12	0.9
PANDA (03-) 1.2	Petrol	44	188A4000/(GNV)	MTM	06/07 >		DSN576	12	0.9
PANDA (03-) 1.2 4x4	Petrol	44	188A4000	MTM	10/04 >		DSN576	12	0.9
PANDA (03-) 1.2 Bi-Power / Natural Power	Bi-Fuel	44	188A4000	MTM	01/07 >		DSN576	12	0.9
PANDA (03-) 1.2 Bi-Power / Natural Power	Bi-Fuel	44	188A4000/(GNV)	MTM	06/07 >		DSN576	12	0.9
PANDA (12-) 0.9	Petrol	57/63	312 A2.000		02/12 >	BO	DSN975	12	1.4
PANDA (12-) 0.9 4x4	Petrol	63	312 A2.000		09/12 >	BO	DSN975	12	1.4
PANDA (12-) 0.9 CNG	CNG	63	312 A2.000		07/12 >	BO	DSN975	12	1.4
PUNTO 0.9 Bifuel	LPG	63	312 A2.000		03/12 >	BO	DSN975	12	1.4
PUNTO 0.9 Twinair Turbo	Petrol	63	312 A2.000		03/12 >	BO	DSN975	12	1.4
PUNTO (93-00) 1.4 GT Turbo	Petrol	96/98	176A4000; 176A6000; 176B6000; 176A4000(136 DIN)	MTM	01/94 > 09/99		DSN586	12	0.9
PUNTO (93-00) 55 1.1	Petrol	40	176A6000; 176B2000	MTM	09/93 > 09/99		DSN586	12	0.9









									
FIAT continued									
PUNTO (93-00) 85 16V 1.2	Petrol	63	176B9000	MTM	04/97 > 06/00		DSN961	12	0.8
PUNTO (99-) 1.2 16V 80	Petrol	59	188A5000		09/99 > 04/06		DSN961	12	0.8
PUNTO (99-) 1.8 130 HGT	Petrol	96	188A6000	MTM	09/99 > 06/03		DSN579	12	1.4
SCUDO (96-06) 1.6	Petrol	58	220A2000	MTM	02/96 > 12/03		DSN586	12	0.9
SEICENTO 0.9	Petrol	29	1170A1046; 1170A104		01/98 > 02/00		DSN585	12	0.8
SEICENTO 0.9	Petrol	29	1170A1046		06/98 > 08/00		DSN585	12	0.8
SIENA 1.4	Petrol	51	178B2000	MTM	07/97 > 12/01		DSN577	12	1.0
SIENA 1.4	Petrol	51	178B2000	MTM	07/97 > 10/03	Ch No: >3038861	DSN577	12	1.0
SIENA 1.4	Petrol	51	178B2000	MTM	07/97 > 10/03	Ch No: >3038861	DSN586	12	0.9
SIENA 1.4	Petrol	51	178B2000; 178B2016	MTM	07/97 > 10/03		DSN577	12	1.0
SIENA 1.4	Petrol	51	178B2000; 178B2016	MTM	07/97 > 10/03		DSN586	12	0.9
SIENA 1.4 CAT	Petrol	51	178B2000	MTM	07/97 > 12/01		DSN577	12	1.0
SIENA 1.4 CAT	Petrol	51	178B2000	MTM	07/97 > 10/03	Ch No: >3038861	DSN577	12	1.0
SIENA 1.4 CAT	Petrol	51	178B2000	MTM	07/97 > 10/03	Ch No: >3038861	DSN586	12	0.9
SIENA 1.4 CAT	Petrol	51	178B2000; 178B2016	MTM	07/97 > 10/03		DSN577	12	1.0
SIENA 1.4 CAT	Petrol	51	178B2000; 178B2016	MTM	07/97 > 10/03		DSN586	12	0.9
SIENA 1.6	Petrol	76	182B6000	MTM	01/02 >		DSN577	12	1.0
SIENA 1.6 16V	Petrol	78	178B3000	MTM	09/98 > 12/01		DSN577	12	1.0
STILO 1.4 16V	Petrol	66	192B2000	MTM	03/05 > 08/08		DSN579	12	1.4
STILO 1.8 16V	Petrol	98	192A4000	MTM	10/01 > 03/02	Ch No: >128482	DSN579	12	1.4
STILO 1.8 16V	Petrol	98	192A4000	MTM	10/01 > 08/08		DSN579	12	1.4
STILO 2.4 20V	Petrol	125	192A2000	MTM	10/01 > 11/06		DSN579	12	1.4
TEMPRA 1.4 i.e.	Petrol	57	159A2000; 160A1046	MTM	03/91 > 06/93		DSN586	12	0.9
TEMPRA 1.4 i.e.	Petrol	51	159A2000; 160A1046; 836A4000	MTM	03/92 > 08/96		DSN577	12	1.0
TEMPRA 1.4 i.e.	Petrol	51	836A4000	MTM	03/92 > 08/96		DSN586	12	0.9
TEMPRA 1.4 i.e.	Petrol	51	160A1046; 836A4000	MTM	07/93 > 08/96		DSN586	12	0.9
TEMPRA 1.6	Petrol	63	159A3000; 159A3048; 159A3000; 159A9000; 159A3000	MTM	03/90 > 04/93		DSN586	12	0.9
TEMPRA 1.6 i.e.	Petrol	55/57	159A3046; 835C1000; 159A3048		06/90 > 08/96		DSN586	12	0.9
TEMPRA 1.6 i.e.	Petrol	57	159A3046; 835C1000; 159A3048	ATM	04/91 > 08/96		DSN586	12	0.9
TEMPRA 1.6 i.e.	Petrol	63/66	159A3000; 159A9000; 159A3048; 159B9000	MTM	06/94 > 08/96		DSN586	12	0.9
TEMPRA 1.8 i.e.	Petrol	66/74/ 76/77/81	159A4000; 159A4046; 159A4046; 835C2000; 835C4000; 836A5000; 835C4000	MTM	03/90 > 08/96		DSN577	12	1.0
TEMPRA 1.8 i.e.	Petrol	76/77/81	159A4000; 159A4046; 159A4046; 835C2000	MTM	03/90 > 08/96	Ch No: >7234930	DSN579	12	1.4
TEMPRA 2.0 i.e.	Petrol	83	159A6046	MTM	10/90 > 06/93		DSN577	12	1.0
TEMPRA 2.0 i.e.	Petrol	83	159A6046	MTM	10/90 > 06/93	Ch No: >7234930	DSN579	12	1.4
TEMPRA 2.0 i.e.	Petrol	83	159A6046	MTM	01/91 > 06/93	Ch No: 7234931>	DSN577	12	1.0
TEMPRA 2.0 i.e. 4x4	Petrol	83	159A6046	MTM	07/92 > 03/95		DSN577	12	1.0
TEMPRA 2.0 i.e. 4x4	Petrol	83	159A6046	MTM	07/92 > 03/95	Ch No: >7234930	DSN579	12	1.4
TIPO 1.1	Petrol	41	160A3000		01/88 > 10/91		DSN960	12	0.8
UNO (83-) 45 i.e. 1.0	Petrol	33	146A048; 156A2000; 156A2044; 146A048	MTM	10/84 > 12/88		DSN585	12	0.8
UNO (83-) 45 i.e. 1.0	Petrol	33	156A2000; 156A2044		10/84 > 12/88		DSN960	12	0.8
UNO (83-) 75 i.e. 1.5	Petrol	55	138C2000; 138C2048; 149C1000		10/85 > 12/88		DSN586	12	0.9
UNO (83-) 45 0.9	Petrol	33	146A000; 146A048	MTM	04/84 > 12/88		DSN585	12	0.8
UNO (83-) 45 1.0	Petrol	37	156A2045		06/86 > 12/93		DSN960	12	0.8
UNO (83-) 50 1.1	Petrol	37	156C046		10/90 > 10/92		DSN960	12	0.8
UNO (83-) 60 1.1	Petrol	42	160A3000		09/89 > 09/92	RPO No: >0984009	DSN960	12	0.8
FSO									
127P 0.9	Petrol	33	146A300; 127GL000		04/71 > 10/76		DSN585	12	0.8
INNOCENTI									
KORAL 45	Petrol	33	146A048; 100GL064	MTM	01/90 > 12/92		DSN585	12	0.8
IVECO									
EuroStar	Diesel	287/316	F3AE0681D; F3AE0681E		11/99 > 02/02		DSN940	24	5
EuroTech MH	Diesel	180/200/ 228/259	F2BE0681A; F2BE0681B; F2BE0681C; F2BE0681D; F2BE0681F		09/98 >		DSN939	24	4.5
EuroTech MP	Diesel	287/316	F3AE0681D; F3AE0681E		11/99 >		DSN940	24	5
EuroTrakker	Diesel	228/259	F2BE0681A; F2BE0681B		09/99 > 11/04		DSN939	24	4.5










									
IVECO continued									
EuroTrakker	Diesel	280/324	F3BE0681C; F3BE0681G		09/00 > 11/04		DSN940	24	5
Stralis	Diesel	294/316/ 353/397	F3AE0681B; F3AE0681D; F3AE0681H; F3BE0681A; F3BE0681E		02/02 >		DSN940	24	5
Stralis	Diesel	200/218/ 228/243/ 259/265	F2BE0681A; F2BE0681B; F2BE0681C; F2BE0681E; F2BE0681F; F2BE3681A; F2BE3681B; F2BE3681C		06/03 >		DSN939	24	4.5
Trakker	Diesel	200/228/ 243/259/ 265	F2BE0681A; F2BE0681B; F2BE0681F; F2BE3681A; F2BE3681B; F2BE3681C		10/04 >		DSN939	24	4.5
JAGUAR									
S-TYPE 4.0 V8	Petrol	203	AJ-V8		01/99 > 01/02		DSN605	12	1.4
S-TYPE 4.2 V8	Petrol	219	AJ-V8-4.2	ATM	04/02 > 12/03	Eng No: >M45254	DSN605	12	1.4
S-TYPE R 4,2 V8	Petrol	291	AJ-V8-4.2(406)	ATM	04/02 > 12/03	Eng No: >M45254	DSN605	12	1.4
XK 8 4.0	Petrol	267	AJ-V8-4.0R	ATM	02/98 > 07/05		DSN605	12	1.4
LANCIA									
DEDRA 1.6	Petrol	66	159B9000	MTM	10/94 > 08/97		DSN586	12	0.9
DEDRA 1.6 16V	Petrol	76	182A4000	MTM	02/97 > 07/99		DSN586	12	0.9
DEDRA 1.6 i.e.	Petrol	55/57/66	159B9000; 835A1000; 835A1046; 835C1000	MTM	08/89 > 07/99		DSN586	12	0.9
DEDRA 1.6 LE	Petrol	66	159B9000; 835A1000	MTM	07/94 > 08/97		DSN586	12	0.9
DEDRA 1.8 16V LE	Petrol	83	182A2000	MTM	03/96 > 10/98		DSN579	12	1.4
DEDRA 1.8 16V LE	Petrol	83	182A2000	MTM	03/96 > 10/98		DSN586	12	0.9
DEDRA 1.8 GT 16V	Petrol	96	183A1000	MTM	03/96 > 07/99		DSN579	12	1.4
DEDRA 1.8 GT 16V	Petrol	96	183A1000	MTM	03/96 > 07/99	Ch No: 4.109.548>	DSN579	12	1.4
DEDRA 1.9 TDS	Diesel	66	160D1000; 835A4000	MTM	09/89 > 07/99		DSN586	12	0.9
DELTA (93-99) 1.4 i.e.	Petrol	51	160A1046; 836A4000	MTM	10/94 > 08/99		DSN586	12	0.9
DELTA (93-99) 1.6 i.e.	Petrol	55	835C1000	MTM	11/93 > 08/96		DSN586	12	0.9
DELTA (93-99) 1.6 i.e.	Petrol	66	182A6000	MTM	03/96 > 08/99		DSN577	12	1.0
DELTA (93-99) 1.6 i.e.	Petrol	66	182A6000	MTM	03/96 > 08/99		DSN586	12	0.9
DELTA (93-99) 1.6 i.e. 16V	Petrol	76	182A4000	MTM	01/96 > 08/99		DSN577	12	1.0
DELTA (93-99) 1.6 i.e. 16V	Petrol	76	182A4000	MTM	01/96 > 08/99		DSN579	12	1.4
DELTA (93-99) 1.8 i.e. 16V	Petrol	83	182A2000	MTM	03/96 > 04/98		DSN577	12	1.0
DELTA (93-99) 1.8 i.e. 16V	Petrol	83	182A2000	MTM	03/96 > 04/98		DSN586	12	0.9
DELTA (93-99) 1.8 i.e. 16V GT	Petrol	96	183A1000	MTM	03/96 > 08/99		DSN579	12	1.4
KAPPA 2.0 20V	Petrol	107/114	838A1000; 838A6000	MTM	10/94 > 10/01		DSN579	12	1.4
KAPPA 2.0 20V	Petrol	114	838A6000		07/96 > 10/01		DSN579	12	1.4
KAPPA 2.0 20V	Petrol	114	175A3000	MTM	03/98 > 10/00		DSN579	12	1.4
KAPPA 2.0 20V Turbo	Petrol	162	175A3000	MTM	06/98 > 10/01		DSN579	12	1.4
KAPPA 2.4 20V	Petrol	129	838A2000; 838B2000; 838A2000; 838A2027; 838B2000; 838B2027	MTM	08/94 > 10/01		DSN579	12	1.4
KAPPA 2.4 20V	Petrol	129	838A2000; 838B2000; 838B2027		07/96 > 10/01		DSN579	12	1.4
LYBRA 1.8 16V	Petrol	96	839A7000	MTM	07/99 > 10/05		DSN579	12	1.4
LYBRA 2.0 20V	Petrol	113	182B7000		07/99 > 09/00		DSN579	12	1.4
LYBRA 2.0 20V	Petrol	110	185A8000	MTM	09/00 > 07/02		DSN579	12	1.4
THESIS 2.0 Turbo	Petrol	136	841E000	MTM	09/02 > 07/09		DSN579	12	1.4
THESIS 2.4	Petrol	125	841D000		09/02 > 08/06		DSN579	12	1.4
Y 1.2 16V	Petrol	63	176B9000	MTM	04/97 > 08/00		DSN961	12	0.8
Y 1.2 16V	Petrol	59	188A5000	MTM	10/00 > 09/03		DSN961	12	0.8
Y10 1.0 Fire	Petrol	33	156A2000; 156A2246		03/85 > 02/89	RPO No: 153068>153068	DSN960	12	0.8
Y10 1.0 Fire	Petrol	32	156A2100		03/89 > 06/89		DSN960	12	0.8
Y10 1.0 Fire 4WD	Petrol	37	156A2000		12/87 > 06/89		DSN960	12	0.8
Y10 1.0 Fire 4WD	Petrol	33	156A2246		12/87 > 02/92	RPO No: 153068>153068	DSN960	12	0.8
Y10 1.1 i.e	Petrol	42	156C000		08/89 > 06/92		DSN960	12	0.8
Y10 1.1 i.e. Fire	Petrol	37	156C046		07/89 > 09/92		DSN960	12	0.8
Y10 1.1 i.e. Fire 4WD	Petrol	37	156C046		09/92 > 12/95		DSN960	12	0.8
Y10 1.1 i.e 4WD	Petrol	42	156C000		08/89 > 06/92		DSN960	12	0.8
YPSILON (843) (03-11) 1.2	Petrol	59	188A5000	MTM	10/03 > 06/06		DSN576	12	0.9
YPSILON (843) (03-11) 1.2	Petrol	59	188A5000	MTM	10/03 > 06/06		DSN961	12	0.8
YPSILON (843) (03-11) 1.2	Petrol	44	188A4000	MTM	10/03 > 12/11		DSN576	12	0.9
YPSILON (846) (11-) 0.9 Twinair	Petrol	63	312 A2.000		05/11 >	BO	DSN975	12	1.4
LAND ROVER									
DEFENDER 2.5 Td5 4WD	Diesel	90	10P; 14P; TD5	MTM	06/98 > 04/07		DSN600	12	2.0
DEFENDER 2.5 Td5 4WD	Diesel	90	14P; TD5	MTM	10/03 > 04/07		DSN600	12	2.0
DISCOVERY II (98-04) 2.5 Td5	Diesel	102	10P; STORMTD5		01/99 > 06/04		DSN600	12	2.0










		 kW							kW
LAND ROVER continued									
DISCOVERY III (04-09) 2.7 TD	Diesel	140	276DT		07/04 > 09/09		DSN944	12	2
FREELANDER (98-06) 1.8 16V	Petrol	86	18K4FK	MTM	11/00 > 10/06		DSN602	12	1
FREELANDER (98-06) 1.8 i 16V	Petrol	88	18K16; 18K4FK	MTM	02/98 > 08/00		DSN602	12	1
FREELANDER (98-06) 2.0 DI	Diesel	72	20TCIE; 20L4D	MTM	02/98 > 09/00		DSN604	12	2.0
FREELANDER (98-06) 2.0 Td4	Diesel	80/82	M 47		11/00 > 10/06		DSN601	12	2.0
FREELANDER (98-06) 2.0 TD4 AWD	Diesel	82	M 47		10/00 > 10/06		DSN601	12	2.0
FREELANDER (98-06) 2.5 V6	Petrol	130	25 K4F		11/00 > 10/06		DSN603	12	2.0
RANGE ROVER SPORT 2.7 TDVM	Diesel	140	276DT		02/05 >		DSN944	12	2
LEXUS									
RX (00-03) 3.0 2WD	Petrol	148	1MZ-FE		07/00 > 03/03		DSN929	12	1.4
RX (00-03) 300 V6	Petrol	148/164	1MZ-FE		10/00 > 02/03		DSN929	12	1.4
MERCEDES-BENZ									
C-CLASS (C204) (11-) C 220 CDI	Diesel	125	OM 651.911		06/11 >		DSN967	12	1.8
C-CLASS (C204) (11-) C 250 CDI	Diesel	150	OM 651.911		06/11 >		DSN967	12	1.8
C-CLASS (CL203) (01-08) C 200 CDI	Diesel	90	OM 646.962		09/06 > 05/08		DSN968	12	1.8
C-CLASS (CL203) (01-08) C 220 CDI	Diesel	110	OM 646.963		09/06 > 05/08		DSN968	12	1.8
C-CLASS (S203) (01-07) C 200 CDI	Diesel	75/90	OM 646.962		10/06 > 08/07		DSN968	12	1.8
C-CLASS (S203) (01-07) C 220 CDI	Diesel	110	OM 646.963		10/06 > 08/07		DSN968	12	1.8
C CLASS (S204) (07-) C 180 CDI	Diesel	88	OM 651.913		01/11 >		DSN967	12	1.8
C CLASS (S204) (07-) C 200 CDI	Diesel	100	OM 646.811		08/07 >		DSN968	12	1.8
C CLASS (S204) (07-) C 200 CDI	Diesel	100	OM 651.913		08/10 >		DSN967	12	1.8
C CLASS (S204) (07-) C 220 CDI	Diesel	125	OM 646.811		08/07 >		DSN968	12	1.8
C CLASS (S204) (07-) C 220 CDI	Diesel	125	OM 651.911		12/08 >		DSN967	12	1.8
C CLASS (S204) (07-) C 250 CDI	Diesel	150	OM 651.911		01/09 >		DSN967	12	1.8
C CLASS (S204) (07-) C 250 CDI	Diesel	150	OM 651.912		04/10 >		DSN967	12	1.8
C-CLASS (W203) (00-07) C 200 CDI	Diesel	75/90	OM 646.962		09/06 > 02/07		DSN968	12	1.8
C-CLASS (W203) (00-07) C 220 CDI	Diesel	110	OM 646.963		09/06 > 02/07		DSN968	12	1.8
C CLASS (W204) (07-) C 180 CDI	Diesel	88	OM 651.913		01/11 >		DSN967	12	1.8
C CLASS (W204) (07-) C 200 CDI	Diesel	100	OM 646.811		01/07 >		DSN968	12	1.8
C CLASS (W204) (07-) C 200 CDI	Diesel	100	OM 651.913		01/11 >		DSN967	12	1.8
C CLASS (W204) (07-) C 220 CDI	Diesel	125	OM 646.811		01/07 >		DSN968	12	1.8
C CLASS (W204) (07-) C 220 CDI	Diesel	125	OM 651.911		12/08 >		DSN967	12	1.8
C CLASS (W204) (07-) C 250 CDI	Diesel	150	OM 651.911		08/08 >		DSN967	12	1.8
C CLASS (W204) (07-) C 250 CDI	Diesel	150	OM 651.912		01/11 >		DSN967	12	1.8
CLC (CL203) 08-11 CLC 200 CDI	Diesel	90	OM 646.962		05/08 > 06/11		DSN968	12	1.8
CLC (CL203) 08-11 CLC 220 CDI	Diesel	110	OM 646.963		05/08 > 06/11		DSN968	12	1.8
CLK (C209) (02-09) 220 CDI	Diesel	110	OM 646.966		10/06 > 05/09		DSN968	12	1.8
CLS (C218) (11-) CLS 250 CDI	Diesel	150	OM 651.924		04/11 >		DSN967	12	1.8
E-CLASS (A207) (10-) E 220 CDI	Diesel	125	OM 651.911	MTM	01/10 >	- SS	DSN967	12	1.8
E-CLASS (A207) (10-) E 250 CDI	Diesel	150	OM 651.911	MTM	01/10 >	- SS	DSN967	12	1.8
E-CLASS (C207) (09-) E 220 CDI	Diesel	125	OM 651.911	MTM	01/10 >	- SS	DSN967	12	1.8
E-CLASS (C207) (09-) E 250 CDI	Diesel	150	OM 651.911	MTM	01/09 >	- SS	DSN967	12	1.8
E-CLASS (S211) (03-09) E 200 CDI	Diesel	100	OM 646.821		04/06 > 07/09		DSN968	12	1.8
E-CLASS (S211) (03-09) E 220 T CDI	Diesel	125	OM 646.821		04/06 > 07/09		DSN968	12	1.8
E-CLASS (S212) (09-) E 200 CDI	Diesel	100	OM 651.925		11/09 >	- SS	DSN967	12	1.8
E-CLASS (S212) (09-) E 220 CDI	Diesel	125	OM 651.924		11/09 >	- SS	DSN967	12	1.8
E-CLASS (S212) (09-) E 250 CDI	Diesel	150	OM 651.924		11/09 >	- SS	DSN967	12	1.8
E-CLASS (S212) (09-) E 250 CDI	Diesel	150	OM 651.924		07/10 >	- SS	DSN967	12	1.8
E-CLASS (W211) (02-08) E 200 CDI	Diesel	100	OM 646.820		04/06 > 12/08		DSN968	12	1.8
E-CLASS (W211) (02-08) E 220 CDI	Diesel	125	OM 646.821		04/06 > 12/08		DSN968	12	1.8
E-CLASS (W212) (09-) E 200 CDI	Diesel	100	OM 651.925		01/09 >	- SS	DSN967	12	1.8
E-CLASS (W212) (09-) E 220 CDI	Diesel	125	OM 651.924		01/09 >	- SS	DSN967	12	1.8
E-CLASS (W212) (09-) E 250 CDI	Diesel	150	OM 651.924		01/09 >	- SS	DSN967	12	1.8
E-CLASS (W212) (09-) E 250 CDI	Diesel	150	OM 651.924		01/09 >	- SS	DSN967	12	1.8
GLK-CLASS (X204) (08-) 200 CDI	Diesel	105	OM 651.913		07/10 >		DSN967	12	1.8
GLK-CLASS (X204) (08-) 220 CDI	Diesel	120/125	OM 651.916		12/08 >		DSN967	12	1.8
GLK-CLASS (X204) (08-) 220 CDI	Diesel	120/125	OM 651.912		12/08 >		DSN967	12	1.8
GLK-CLASS (X204) (08-) 250 CDI	Diesel	150	OM 651.912		09/09 >		DSN967	12	1.8
SLK (R172) (11-) 250 CDI	Diesel	150	OM 651.980		01/12 >		DSN967	12	1.8
SPRINTER 3-t (906) (06-) 209 CDI	Diesel	65	OM 646.984		06/06 >		DSN968	12	1.8
SPRINTER 3-t (906) (06-) 211 CDI	Diesel	80	OM 646.985		06/06 >		DSN968	12	1.8
SPRINTER 3-t (906) (06-) 213 CDI	Diesel	95	OM 646.986		06/06 >		DSN968	12	1.8

									
MERCEDES-BENZ <i>continued</i>									
SPRINTER 3-t (906) (06-) 213 CDI	Diesel	95	OM 651.956		03/09 >		DSN967	12	1.8
SPRINTER 3-t (906) (06-) 215 CDI	Diesel	110	OM 646.989; OM 646.990		06/06 >		DSN968	12	1.8
SPRINTER 5-t (906) (06-) 509 CDI	Diesel	65	OM 646.984		06/06 >		DSN968	12	1.8
SPRINTER 5-t (906) (06-) 511 CDI	Diesel	80	OM 646.985		06/06 >		DSN968	12	1.8
SPRINTER 5-t (906) (06-) 515 CDI	Diesel	110	OM 646.989; OM 646.990		06/06 >		DSN968	12	1.8
SPRINTER 3,5 (906) (06-) 309 CDI	Diesel	65	OM 646.984		06/06 >		DSN968	12	1.8
SPRINTER 3,5 (906) (06-) 311 CDI	Diesel	80	OM 646.985		06/06 >		DSN968	12	1.8
SPRINTER 3,5 (906) (06-) 311 CDI 4x4	Diesel	80	OM 646.985		02/08 >		DSN968	12	1.8
SPRINTER 3,5 (906) (06-) 313 CDI	Diesel	95	OM 646.986		06/06 >		DSN968	12	1.8
SPRINTER 3,5 (906) (06-) 313 CDI	Diesel	95	OM 651.956		05/09 >		DSN967	12	1.8
SPRINTER 3,5 (906) (06-) 313 CDI 4x4	Diesel	95	OM 651.956		05/09 >		DSN967	12	1.8
SPRINTER 3,5 (906) (06-) 315 CDI	Diesel	110	OM 646.989; OM 646.990		06/06 >		DSN968	12	1.8
SPRINTER 3,5 (906) (06-) 315 CDI 4x4	Diesel	110	OM 646.989; OM 646.990		02/08 >		DSN968	12	1.8
SPRINTER 3,5 (906) (06-) 316 CDI	Diesel	120	OM 651.957		03/09 >		DSN967	12	1.8
SPRINTER 3,5 (906) (06-) 316 CDI 4x4	Diesel	120	OM 651.957		03/09 >		DSN967	12	1.8
VIANO (W639) (03-) CDI 2.0	Diesel	100	OM 651.940		07/10 >		DSN967	12	1.8
VIANO (W639) (03-) CDI 2.0 4-matic	Diesel	100	OM 651.940		07/10 >		DSN967	12	1.8
VIANO (W639) (03-) CDI 2.2	Diesel	120	OM 651.940		07/10 >		DSN967	12	1.8
VIANO (W639) (03-) CDI 2.2 4-matic	Diesel	120	OM 651.940		07/10 >		DSN967	12	1.8
VITO (W639) (03-) 113 CDI	Diesel	100	OM 651.940		09/10 >		DSN967	12	1.8
VITO (W639) (03-) 113 CDI 4x4	Diesel	100	OM 651.940		09/10 >		DSN967	12	1.8
VITO (W639) (03-) 116 CDI	Diesel	120	OM 651.940		09/10 >		DSN967	12	1.8
VITO (W639) (03-) 116 CDI 4x4	Diesel	120	OM 651.940		09/10 >		DSN967	12	1.8
VITO / MIXTO (W639) (03-) 113 CDI	Diesel	100	OM 651.940		09/10 >		DSN967	12	1.8
VITO / MIXTO (W639) (03-) 116 CDI	Diesel	120	OM 651.940		09/10 >		DSN967	12	1.8
MG									
MG ZT 2.0 CDTi	Diesel	96	204D2	MTM	11/02 > 04/05		DSN601	12	2.0
MG ZT 2.0 CDTi	Diesel	85	M 47 R	MTM	12/02 > 09/03		DSN601	12	2.0
MG ZT 160	Petrol	118	25K4F5; 25K6	MTM	01/03 > 04/05		DSN941	12	1.4
MG ZT 180	Petrol	130	25K4F; 25KV6		01/03 > 04/05		DSN941	12	1.4
MG ZT 180	Petrol	130	25K4F; 25KV6	MTM	01/03 > 04/05		DSN941	12	1.4
MG ZT 190	Petrol	140	25K4F3; 25K6	MTM	10/01 > 04/05		DSN941	12	1.4
NISSAN									
100 NX 1.6	Petrol	66	GA16DS	ATM	10/90 > 04/92		DSN951	12	1.2
ALMERA (95-00) 1.6	Petrol	73/75	GA16DE	ATM	07/95 > 03/00		DSN951	12	1.2
ALMERA (95-00) 1.6	Petrol	73/86	GA16DE	ATM	09/95 > 04/00		DSN951	12	1.2
ALMERA (95-00) 1.6 SLX	Petrol	66	GA16DE	ATM	09/95 > 04/00		DSN951	12	1.2
ALMERA (95-00) 1.6 SR,SLX	Petrol	66	GA16DE	ATM	09/95 > 03/00		DSN951	12	1.2
ALMERA (00-) 1.5	Petrol	66	QG15DE		03/00 > 03/01		DSN951	12	1.2
ALMERA (00-) 1.5	Petrol	72	QG15DE		10/02 > 11/06	+ Co	DSN951	12	1.2
ALMERA (00-) 1.5	Petrol	72	QG15DE	MTM	10/02 > 11/06	+ Co	DSN951	12	1.2
ALMERA (00-) 1.8	Petrol	84	QG18DE		01/00 > 03/01		DSN951	12	1.2
ALMERA (00-) 1.8	Petrol	85	QG18DE	ATM	10/02 > 11/06		DSN951	12	1.2
ALMERA (00-) 1.8	Petrol	85	QG18DE	MTM	10/02 > 11/06	+ Co	DSN951	12	1.2
ALMERA TINO (00-) 1.8	Petrol	84	QG18DE		08/00 > 01/03	+ Co	DSN951	12	1.2
ALMERA TINO (00-) 1.8	Petrol	85	QG18DE	ATM	12/02 > 11/05		DSN951	12	1.2
ALMERA TINO (00-) 1.8	Petrol	85	QG18DE	MTM	12/02 > 11/05	+ Co	DSN951	12	1.2
PATROL GR II (97-) 3.0 D	Diesel	116	ZD30DDTI	MTM	05/00 > 07/04		DSN956	12	2.5
PATROL GR II (97-) 3.0 D All-wheel Drive	Diesel	118	ZD30DDTI		10/04 >		DSN956	12	2.5
PATROL GR II (97-) 3.0 DTi	Diesel	116	ZD30DDTI	MTM	05/00 > 07/04		DSN956	12	2.5
PATROL GR II (97-) 3.0 DTi	Diesel	118	ZD30DDTI		08/04 >		DSN956	12	2.5
PICK UP (97-) 2.5 D	Diesel	61	TD25	MTM	02/98 > 07/02		DSN953	12	2.5
PICK UP (97-) 2.5 D 4WD	Diesel	61	TD25	MTM	02/98 > 07/02		DSN953	12	2.5
PICK UP (97-) 2.5 TD 4WD	Diesel	76	TD25TI	MTM	05/98 > 10/01		DSN953	12	2.5
PRIMERA (90-98) 1.6	Petrol	75	GA16DE		06/93 > 02/94	+ Co	DSN951	12	1.2
PRIMERA (90-98) 1.6 i	Petrol	66	GA16DS		07/90 > 04/93		DSN951	12	1.2
PRIMERA (90-98) 1.6 i	Petrol	75	GA16DE		01/95 > 12/97		DSN951	12	1.2
PRIMERA (96-02) 1.6 16V	Petrol	66	GA16DE		09/96 > 06/99	+ Co	DSN951	12	1.2
PRIMERA (96-02) 1.6 16V	Petrol	73	GA16DE		09/96 > 12/01	+ Co	DSN951	12	1.2
PRIMERA (96-02) 1.6 16V	Petrol	73/78	GA16DE; QG16DE		09/96 > 12/01	+ Co	DSN951	12	1.2
PRIMERA (96-02) 1.6 16V	Petrol	78	QG16DE		09/00 > 12/01	+ Co	DSN951	12	1.2
PRIMERA (96-02) 1.8 16V	Petrol	84	QG18DE		08/99 > 12/01	+ Co	DSN951	12	1.2
PRIMERA (96-02) 2.0 16V	Petrol	85/96/ 103	SR20DE; SR20De	ATM	05/01 > 12/01		DSN952	12	1.2
PRIMERA (96-02) 2.0 16V	Petrol	96	SR20DE	ATM	05/01 > 02/02		DSN952	12	1.2
PRIMERA (02-) 1.6	Petrol	78/80	QG16DE		03/02 > 06/10	+ Co	DSN951	12	1.2
PRIMERA (02-) 1.6 Visia	Petrol	80	QG16DE		01/02 > 06/10	+ Co	DSN951	12	1.2

									
NISSAN <i>continued</i>									
PRIMERA (02-) 1.8	Petrol	85	QG18DE	ATM	03/02 > 06/10		DSN951	12	1.2
PRIMERA (02-) 1.8	Petrol	85	QG18DE	MTM	03/02 > 06/10	+ Co	DSN951	12	1.2
QASHQAI 2.0	Petrol	103	MR20DE		02/07 >		DSN955	12	1
QASHQAI 2.0 All-wheel Drive	Petrol	103	MR20DE		02/07 >		DSN955	12	1
QASHQAI 2.0 dCi	Diesel	110	M9R; F	MTM	02/07 >		DSN955	12	1
QASHQAI 2.0 dCi All-wheel Drive	Diesel	110	M9R; F		02/07 >		DSN955	12	1
TERRANO II 2.7 TDi 4WD	Diesel	92	TD27TI		05/96 > 12/06		DSN953	12	2.5
TIIDA (07-) 1.8	Petrol	93	MR18DE	MTM	09/07 >		DSN955	12	1
X-TRAIL (01-) 2.0	Petrol	103	QR20DE	ATM	09/03 > 03/07		DSN954	12	1.4
X-TRAIL (01-) 2.0 4x4	Petrol	103	QR20DE	ATM	09/03 > 03/07		DSN954	12	1.4
X-TRAIL (01-) 2.5 4x4	Petrol	121	QR25DE	ATM	09/03 > 03/07		DSN954	12	1.4
X-TRAIL (07-) 2.0	Petrol	103/104	MR20DE	MTM	06/07 >		DSN955	12	1
PEUGEOT									
407 2.7 HDi	Diesel	150	DT17TED4; DT17BTED4/F(UHZ)	ATM	10/05 >		DSN942	12	2.2
407 3.0 HDi	Diesel	177	DT20C/F(X8Z-E5)	ATM	06/09 >		DSN942	12	2.2
607 2.7 HDi 24V	Diesel	150	DT17TED4; DT17BTED4/F(UHZ)	ATM	12/04 >		DSN942	12	2.2
PORSCHE									
911 (991) 3.4 Carrera	Petrol	257	MA1.04		12/11 >		DSN972	12	1.7
911 (991) 3.8 Carrera S	Petrol	294	MA1.03		12/11 >		DSN972	12	1.7
911 (997) 3.6 Carrera	Petrol	254	MA1.02		06/08 >		DSN970	12	1.8
911 (997) 3.6 Carrera 4	Petrol	254	MA1.02		06/08 >		DSN970	12	1.8
911 (997) 3.8 Carrera 4GTS	Petrol	300	MA1.01		06/09 >		DSN970	12	1.8
911 (997) 3.8 Carrera 4S	Petrol	283	MA1.01		06/08 >		DSN970	12	1.8
911 (997) 3.8 Carrera GTS	Petrol	300	MA1.01		06/09 >		DSN970	12	1.8
911 (997) 3.8 Carrera S	Petrol	283	MA1.01		06/08 >		DSN970	12	1.8
911 (997) 3.8 Turbo	Petrol	368	MA1.70		09/09 >		DSN970	12	1.8
911 (997) 3.8 Turbo S	Petrol	390	MA1.70		02/10 >		DSN970	12	1.8
BOXSTER 2.7	Petrol	195	MA1.22		04/12 >		DSN972	12	1.7
BOXSTER 2.9	Petrol	188	MA1.20		06/09 >		DSN970	12	1.8
BOXSTER S 3.4	Petrol	228	MA1.21		06/09 >		DSN970	12	1.8
BOXSTER S 3.4	Petrol	232	MA1.23		04/12 >		DSN972	12	1.7
BOXSTER Spyder 3.4	Petrol	235	MA1.21		06/10 >		DSN970	12	1.8
CAYMAN 2.9	Petrol	195	MA1.20		02/09 >		DSN970	12	1.8
CAYMAN R 3.4	Petrol	243	MA1.21		11/10 >		DSN970	12	1.8
CAYMAN S 3.4	Petrol	235	MA1.21		02/09 >		DSN970	12	1.8
ROVER									
75 2.0 CDT	Diesel	85	M 47 R		02/99 > 05/05		DSN601	12	2.0
75 2.0 CDTi	Diesel	96	204D2		02/03 > 05/05		DSN601	12	2.0
75 2.0 V6	Petrol	110	20K4F; 20K6F	ATM	02/99 > 05/05		DSN603	12	2.0
75 2.0 V6	Petrol	110	20K4F; 20K6F	MTM	02/99 > 05/05		DSN941	12	1.4
75 2.5 V6	Petrol	129/130	25K4F; 25KV6; 25KV6F	ATM	02/99 > 05/05		DSN603	12	2.0
75 2.5 V6	Petrol	129/130	25K4F; 25KV6; 25KV6F	MTM	02/99 > 05/05		DSN941	12	1.4
75 2.5 V6	Petrol	130	25KV6F175	ATM	10/01 > 06/04		DSN603	12	2.0
200 (89-00) 211	Petrol	44	11K2D; 11K2F	MTM	01/98 > 06/99		DSN941	12	1.4
200 (89-00) 214 i	Petrol	55	14 K2F	MTM	11/95 > 06/99		DSN941	12	1.4
200 (89-00) 214 Si	Petrol	76	14 K4F	MTM	11/95 > 06/99		DSN941	12	1.4
200 (89-00) 216 Si	Petrol	82	16 K4F	MTM	11/95 > 06/99		DSN941	12	1.4
SEAT									
ALHAMBRA 1.4 TSI	Petrol	110	CAVA	MTM	06/10 >	+ SS	DSN962	12	2.0
ALHAMBRA 1.8 T 20V	Petrol	110	AWC	ATM	06/00 > 03/10		DSN957	12	1.4
ALHAMBRA 1.9 TDI	Diesel	85	AUY; BVK	ATM	06/00 > 03/10		DSN958	12	2.4
ALHAMBRA 1.9 TDI 4motion	Diesel	85	AUY; BVK	ATM	06/00 > 03/10		DSN958	12	2.4
ALHAMBRA 2.8 V6	Petrol	150	AYL	ATM	06/00 > 03/10		DSN957	12	1.4
ALHAMBRA 2.8 V6 4motion	Petrol	150	AYL	ATM	06/00 > 03/10		DSN957	12	1.4
ALTEA 1.2 TSI	Petrol	77	CBZB		04/10 >	+ SS, + PR: 7L6	DSN964	12	2.0
ALTEA 1.6 TDI	Diesel	77	CAYC	MTM	10/09 >	BO; VA, - SS	DSN963	12	2.0
ALTEA 2.0 TDI 16V	Diesel	103	CFHC	MTM	09/10 >	BO; VA, - SS	DSN963	12	2.0
ALTEA XL 1.2 TSI	Petrol	77	CBZB		04/10 >	+ SS, + PR: 7L6	DSN964	12	2.0
ALTEA XL 1.6 TDI	Diesel	77	CAYC	MTM	10/09 >	BO; VA, - SS	DSN963	12	2.0
ALTEA XL 2.0 TDI 16V	Diesel	103	CFHC	MTM	09/10 >	BO; VA, - SS	DSN963	12	2.0
ALTEA XL 2.0 TDI 4x4	Diesel	125	CFJA		09/10 >	BO; VA, - SS	DSN963	12	2.0
FURA 0.9	Petrol	29/31	903/100GL	MTM	01/82 > 12/86		DSN585	12	0.8
IBIZA I (84-93) 0.9	Petrol	32	903A/100GL000	MTM	08/86 > 01/93		DSN585	12	0.8
IBIZA I (84-93) 0.9	Petrol	29	903/146A000		08/90 > 06/91		DSN585	12	0.8
IBIZA I (84-93) 1.2	Petrol	44/47	1200A/1200E/021A1000		11/84 > 12/93		DSN585	12	0.8
IBIZA I (84-93) 1.2 i	Petrol	52	1200I/021C1000		01/89 > 05/93		DSN585	12	0.8










		 kW							kW
SEAT continued									
IBIZA I (84-93) 1.5	Petrol	63	1500E/021A2000		11/84 > 05/93		DSN585	12	0.8
IBIZA I (84-93) 1.5 i	Petrol	74	1500I/021A2000		10/86 > 01/93		DSN585	12	0.8
IBIZA I (84-93) 1.5 i CAT	Petrol	66	021C2000		10/86 > 05/93		DSN585	12	0.8
IBIZA V (08-) 1.2 TDI	Diesel	55	CFWA		04/10 >	BO; VA, - SS	DSN963	12	2.0
IBIZA V (08-) 1.6 TDI	Diesel	66/77	CAYB; CAYC; CLNA		05/09 >	BO; VA, - SS	DSN963	12	2.0
LEON (05-) 1.2 TSI	Petrol	77	CBZB		02/10 >	+ SS, + PR: 7L6	DSN964	12	2.0
LEON (05-) 1.6 TDI	Diesel	77	CAYC	MTM	02/10 >	BO; VA, - SS	DSN963	12	2.0
MALAGA 1.2	Petrol	44	1200A/021A1000		10/87 > 07/92		DSN585	12	0.8
MALAGA 1.5	Petrol	63	1500/021A2000		05/85 > 04/89		DSN585	12	0.8
MALAGA 1.5	Petrol	63	1500A/021A; 021A2000		01/87 > 07/92		DSN585	12	0.8
MALAGA 1.5 i	Petrol	74	1500I/021A		10/87 > 07/92		DSN585	12	0.8
MALAGA 1.5 i CAT	Petrol	66	1500/021A2000		10/86 > 04/89		DSN585	12	0.8
MARBELLA 0.8	Petrol	25	850/08NCA	MTM	08/86 > 12/93		DSN585	12	0.8
MARBELLA 0.9	Petrol	29	903/09NCA; 903/903E/09NCA; 903/903E/09NCB	MTM	01/87 > 12/93		DSN585	12	0.8
MARBELLA 0.9 CAT	Petrol	29/30	08NCB/1170A; 903/09NCA; 903/903E/09NCA; 903/903E/09NCB	MTM	01/87 > 10/98		DSN585	12	0.8
PANDA 0.9	Petrol	31	903A/100GL		10/80 > 12/86		DSN585	12	0.8
RONDA 1.2	Petrol	44/47	12A/021A1000; SEAT4; 12A/SEAT4; SEAT5		08/83 > 12/86		DSN585	12	0.8
RONDA 1.5	Petrol	63	15A/021A2000		09/84 > 12/86		DSN585	12	0.8
RONDA 1.6	Petrol	68	16A/132BB OA O		08/83 > 09/85		DSN585	12	0.8
RONDA 1.7 Diesel	Diesel	40	17R/022A5000; SEAT10		06/82 > 12/86		DSN585	12	0.8
RONDA 1.7 Diesel	Diesel	41	17R/022A5000; SEAT10		06/83 > 12/86		DSN585	12	0.8
TERRA 0.9	Petrol	29	903/903E/09NCA; 903/903E/09NCB	MTM	01/87 > 12/95		DSN585	12	0.8
TERRA 0.9 CAT	Petrol	29	903/903E/09NCA; 903/903E/09NCB	MTM	02/92 > 12/94		DSN585	12	0.8
SKODA									
FABIA (06-) 1.2 TDI	Diesel	55	CFWA		05/10 >	BO; VA, - SS	DSN963	12	2.0
FABIA (06-) 1.6 TDI	Diesel	55/66/77	CAYA; CAYB; CAYC		03/10 >	BO; VA, - SS	DSN963	12	2.0
OCTAVIA 1Z3/1Z5 (04-12) 1.6 TDI	Diesel	77	CAYC	5MTM	06/09 >	BO; VA, - SS	DSN963	12	2.0
OCTAVIA 1Z3/1Z5 (04-12) 1.6 TDI 4x4	Diesel	77	CAYC	5MTM	06/09 >	BO; VA, - SS	DSN963	12	2.0
OCTAVIA 1Z3/1Z5 (04-12) 2.0 TDI	Diesel	81	CLCA		03/10 >	BO; VA, - SS	DSN963	12	2.0
RAPID 1.6 TDI	Diesel	77	CAYC		07/12 >	BO; VA, - SS	DSN963	12	2.0
RAPID (11-) 1.6 TDI	Diesel	77	CLNA		07/12 >	BO; VA, - SS	DSN963	12	2.0
ROOMSTER 1.2 TDI	Diesel	55	CFWA		03/10 >	BO; VA, - SS	DSN963	12	2.0
ROOMSTER 1.6 TDI	Diesel	66/77	CAYB; CAYC		03/10 >	BO; VA, - SS	DSN963	12	2.0
SUPERB (08-) 1.6 TDI	Diesel	77	CAYC	5MTM	09/10 >	BO; VA, - SS	DSN963	12	2.0
SMART									
CITY-COUCPE 0.6	Petrol	33/40	M 160 E6AL B03; M 160 E6AL B04; M 160.920		07/98 > 01/04		DSN583	12	0.8
TOYOTA									
AURIS (06-12) 1.33 Dual-VVTi	Petrol	73/74	1NR-FE		05/09 >		DSN949	12	1.3
AURIS (06-12) 1.4 D-4D	Diesel	66	1ND-TV		03/07 >		DSN926	12	2.0
AURIS (06-12) 1.4 D-4D	Diesel	66	1ND-TV		03/07 >		DSN945	12	1.6
AURIS (06-12) 1.4 D-4D	Diesel	66	1ND-TV		03/07 >		DSN946	12	2
AURIS (06-12) 1.4 VVTi	Petrol	71	4ZZ-FE		03/07 > 12/08		DSN921	12	1.0
AVENSIS (97-03) 1.6 VVT-i	Petrol	81	3ZZ-FE		10/00 > 02/03		DSN921	12	1.0
AVENSIS (97-03) 1.8 VVT-i	Petrol	95	1ZZ-FE		10/00 > 02/03		DSN921	12	1.0
AVENSIS (97-03) 2.0	Petrol	94	3S-FE		09/97 > 07/00		DSN923	12	1.2
AVENSIS (97-03) 2.0	Petrol	94	3S-FE		07/00 > 10/00	+ Co	DSN922	12	1.2
AVENSIS (97-03) 2.0 VVT-i	Petrol	110	1AZFSE		10/00 > 02/03	+ Co	DSN922	12	1.2
AVENSIS (03-08) 1.6 VVT-i	Petrol	81	3ZZ-FE		04/03 > 11/08		DSN920	12	1.3
AVENSIS (03-08) 1.8	Petrol	95	1ZZ-FE		04/03 > 11/08		DSN920	12	1.3
AVENSIS (03-08) 2.0 D-4D	Diesel	85	1CD-FTV		04/03 > 11/08		DSN950	12	2
AVENSIS (09-) 1.6	Petrol	97	1ZR-FAE		02/09 >		DSN947	12	1.3
AVENSIS (09-) 1.8	Petrol	108	2ZR-FAE		02/09 >		DSN947	12	1.3
AVENSIS (09-) 2.0	Petrol	112	3ZR-FAE		02/09 >		DSN947	12	1.3
AVENSIS VERSO 2.0 D-4D	Diesel	85	1CDFTV		08/01 > 08/05	LHD	DSN928	12	2.2
AVENSIS VERSO 2.0 VVT-i	Petrol	110	1AZ-FE	MTM	08/01 > 07/05		DSN929	12	1.4
CAMRY (91-97) 2.2	Petrol	100	5S-FE		08/94 > 08/96	JPN	DSN923	12	1.2
CAMRY (96-02) 2.2	Petrol	96	5S-FE		02/97 > 11/01		DSN929	12	1.4
CAMRY (96-02) 2.2	Petrol	93	5S-FE		08/97 > 11/01		DSN929	12	1.4
CAMRY (96-02) 3.0	Petrol	140	1MZ-FE		02/97 > 07/01		DSN929	12	1.4
CAMRY (96-02) 3.0 24V	Petrol	140	1MZ-FE		02/97 > 11/01		DSN929	12	1.4











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TOYOTA continued									
CAMRY (96-02) 3.0 V6	Petrol	135	1MZ-FE		02/97 > 11/01		DSN929	12	1.4
CAMRY SOLARA (98-01) 2.2	Petrol	98	5S-FE		06/98 > 06/01		DSN929	12	1.4
CAMRY SOLARA (98-01) 3.0	Petrol	140	1MZ-FE		06/98 > 06/01		DSN929	12	1.4
CAMRY SOLARA (00-02) 2.2	Petrol	98	5S-FE		02/00 > 11/01		DSN929	12	1.4
CAMRY SOLARA (00-02) 3.0	Petrol	140	1MZ-FE		02/00 > 11/01		DSN929	12	1.4
CARINA E (92-97) 2.0	Petrol	98	3S-FE		01/93 > 09/97		DSN923	12	1.2
CARINA E (92-97) 2.0 GLI	Petrol	98	3S-FE		04/92 > 09/97		DSN923	12	1.2
CARINA E (92-97) 2.0 GTi	Petrol	116	3S-GE		04/92 > 02/94		DSN923	12	1.2
CARINA E (92-97) 2.0 GTi 16V	Petrol	129	3S-GE		03/94 > 09/97		DSN923	12	1.2
CARINA E (92-97) 2.0 i	Petrol	93	3S-FE		12/93 > 09/97		DSN923	12	1.2
CELICA (99-05) 1.8 16V TS	Petrol	141	2ZZ-GE		08/99 > 09/05		DSN921	12	1.0
CELICA (99-05) 1.8 16V VT-i	Petrol	105	1ZZ-FE		08/99 > 07/05		DSN921	12	1.0
COROLLA (97-) 1.4	Petrol	71	4ZZ-FE		02/00 > 10/01		DSN921	12	1.0
COROLLA (97-) 1.4 16V	Petrol	71	4ZZ-FE		02/00 > 11/01		DSN921	12	1.0
COROLLA (97-) 1.4 D4d	Diesel	66	1NDTV		06/04 > 12/01		DSN926	12	2.0
COROLLA (97-) 1.6	Petrol	81	3ZZ-FE		02/00 > 10/01		DSN921	12	1.0
COROLLA (97-) 1.6 16V	Petrol	81	3ZZ-FE		02/00 > 11/01		DSN921	12	1.0
COROLLA (01-07) 1.4 D	Diesel	66	1NDTV		07/04 > 07/07		DSN926	12	2.0
COROLLA (01-07) 1.4 VVT-i	Petrol	71	4ZZ-FE		01/02 > 10/06		DSN921	12	1.0
COROLLA (01-07) 1.6 VVT-i	Petrol	81	3ZZ-FE		01/02 > 10/06		DSN921	12	1.0
COROLLA (01-07) 1.8 VTL-i TS	Petrol	141/160/ 165	2ZZ-GE		01/02 > 02/07		DSN921	12	1.0
COROLLA (01-07) 2.0 D-4D	Diesel	85	1CDFTV		05/03 > 02/07		DSN928	12	2.2
COROLLA (04-09) 1.6	Petrol	81	3ZZ-FE		04/04 > 03/09		DSN920	12	1.3
COROLLA (04-09) 1.8	Petrol	95	1ZZ-FE		04/04 > 03/09		DSN920	12	1.3
COROLLA (04-09) 2.0 D-4D	Diesel	85	1CD-FTV		04/04 > 03/09		DSN950	12	2
COROLLA (06-) 1.4 D-4D	Diesel	66	1NDTV		01/07 >		DSN926	12	2.0
COROLLA (06-) 1.4 VVT-i	Petrol	71	4ZZ-FE		01/07 > 12/08		DSN921	12	1.0
COROLLA VERSO (01-) 1.6 VVT-i	Petrol	81	3ZZ-FE		01/02 > 01/04		DSN921	12	1.0
COROLLA VERSO (01-) 1.8 VVT-i	Petrol	99	1ZZ-FE		01/02 > 01/04		DSN921	12	1.0
COROLLA VERSO (01-) 2.0 D-4D	Diesel	66	1CDFTV		01/02 > 05/04		DSN928	12	2.2
MR 2 (00-05) 1.8 16V VT-i	Petrol	103	1ZZ-FE		04/00 > 09/05		DSN921	12	1.0
PICNIC (96-03) 2.0	Petrol	90	3S-FE		01/01 > 05/01		DSN923	12	1.2
PICNIC (96-03) 2.0 16V	Petrol	94	3S-FE		05/96 > 05/01		DSN923	12	1.2
PICNIC (96-03) 2.2 D	Diesel	66	3CTE		08/97 > 04/01		DSN928	12	2.2
PICNIC (01-06) 2.0 VVTi	Petrol	110	1AZ-FE		05/01 > 07/05		DSN929	12	1.4
PREVIA (00-06) 2.0 D-4D	Diesel	85	1CDFTV		03/01 > 01/06		DSN928	12	2.2
PREVIA (00-06) 2.4 16V	Petrol	115	2AZ-FE		08/00 > 01/06		DSN929	12	1.4
RAV 4 I (94-00) 2.0 16V 4WD	Petrol	95	3S-FE		06/94 > 06/00		DSN923	12	1.2
RAV 4 I (94-00) 2.0 16V 4WD	Petrol	94	3S-FE	MTM	12/97 > 06/00		DSN923	12	1.2
RAV 4 II (00-06) 1.8 VVTi	Petrol	92	1ZZ-FE		02/01 > 11/05		DSN921	12	1.0
RAV 4 II (00-06) 2.0 D-4D 4WD	Diesel	85	1CDFTV		09/01 > 11/05		DSN928	12	2.2
RAV 4 II (00-06) 2.0 VVTi 4WD	Petrol	110	1AZ-FE		06/00 > 11/05		DSN929	12	1.4
RAV 4 II (00-06) 2.4 VVTi 4WD	Petrol	112/120	2AZ-FE		08/03 > 11/05		DSN929	12	1.4
VERSO 1.6	Petrol	97	1ZR-FAE		04/09 >		DSN947	12	1.3
VERSO 1.8	Petrol	108	2ZR-FAE		04/09 >		DSN947	12	1.3
WISH 1.8 Hi	Petrol	97	1ZZ-FE		04/03 > 08/05		DSN921	12	1.0
WISH 1.8 Hi 4WD	Petrol	92	1ZZ-FE		04/03 > 08/05		DSN921	12	1.0
YARIS (99-05) 1.0 16V	Petrol	50	1SZFE		04/99 > 03/03		DSN931	12	1.0
YARIS (99-05) 1.0 16V	Petrol	48	1SZFE		03/03 > 09/05		DSN931	12	1.0
YARIS (99-05) 1.3	Petrol	64	2SZFE		04/02 > 09/05		DSN931	12	1.0
YARIS (99-05) 1.3 16V	Petrol	63	2NZ-FE	ATM	11/99 > 12/00	JPN	DSN935	12	1.4
YARIS (99-05) 1.3 16V	Petrol	63	2NZ-FE	MTM	11/99 > 12/02	JPN	DSN934	12	1.0
YARIS (99-05) 1.3 16V	Petrol	63	2NZ-FE	ATM	12/00 > 12/02	JPN	DSN936	12	1.6
YARIS (99-05) 1.4 D-4D	Diesel	55	1NDTV		12/01 > 09/05		DSN937	12	2.0
YARIS (99-05) 1.5 TS	Petrol	77	1NZ-FE		01/03 > 09/05	JPN	DSN934	12	1.0
YARIS (99-05) 1.5 VVT-i TS	Petrol	78	1NZ-FE		04/01 > 09/05	JPN	DSN934	12	1.0
YARIS (05-) 1.0 VVT-i	Petrol	51	1KR-FE		01/06 >		DSN926	12	2.0
YARIS (05-) 1.0 VVT-i	Petrol	51	1KR-FE		01/06 >		DSN948	12	1.3
YARIS (05-) 1.33 VVT-i	Petrol	74	1NR-FE		03/09 >		DSN949	12	1.3
YARIS (05-) 1.4 D-4D	Diesel	66	1NDTV		01/06 >		DSN926	12	2.0
YARIS (05-) 1.4 D-4D	Diesel	66	1ND-TV		01/06 >		DSN945	12	1.6
YARIS VERSO (99-05) 1.3	Petrol	62/63	2NZ-FE	ATM	11/99 > 12/00		DSN935	12	1.4
YARIS VERSO (99-05) 1.3	Petrol	62/63	2NZ-FE	MTM	11/99 > 09/05		DSN934	12	1.0
YARIS VERSO (99-05) 1.3	Petrol	62/63	2NZ-FE	ATM	12/00 > 09/05		DSN936	12	1.6
YARIS VERSO (99-05) 1.4 D-4D	Diesel	55	1NDTV		12/01 > 09/05		DSN937	12	2.0
YARIS VERSO (99-05) 1.5	Petrol	77/78	1NZ-FE		03/00 > 09/05		DSN934	12	1.0










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VW									
BEETLE 1.2 TSI	Petrol	77	CBZB	MTM	07/11 >	+ SS	DSN964	12	2.0
BEETLE 1.6 TDI	Diesel	77	CAYC	MTM	10/11 >	BO; VA, - SS	DSN963	12	2.0
BORA 1.8 T	Petrol	110	AGU; AUM	ATM	05/00 > 05/05		DSN957	12	1.4
BORA 1.9 TDI	Diesel	85	AJM; AUY	ATM	05/00 > 06/01		DSN958	12	2.4
BORA 1.9 TDI	Diesel	96	ASZ	ATM	04/01 > 05/05		DSN958	12	2.4
BORA 1.9 TDI	Diesel	74	ATD	ATM	05/02 > 05/05		DSN958	12	2.4
BORA 1.9 TDI 4motion	Diesel	85	AUY	ATM	05/00 > 06/01		DSN958	12	2.4
BORA 1.9 TDI 4motion	Diesel	96	ASZ	ATM	04/01 > 05/05		DSN958	12	2.4
BORA 1.9 TDI 4motion	Diesel	74	ATD	ATM	05/02 > 05/05		DSN958	12	2.4
BORA 2.3 V5	Petrol	125	AQN	ATM	10/00 > 05/05		DSN957	12	1.4
BORA 2.3 V5 4motion	Petrol	125	AQN	ATM	10/00 > 05/05		DSN957	12	1.4
CADDY III (04-) 1.2 TSI	Petrol	63/77	CBZA; CBZB		09/10 >	+ SS	DSN964	12	2.0
CADDY III (04-) 1.6 TDI	Diesel	55	CAYE		08/10 >	BO; VA, - SS	DSN963	12	2.0
CADDY III (04-) 1.6 TDI	Diesel	75	CAYD	MTM	08/10 >	BO; VA, - SS	DSN963	12	2.0
CADDY III (04-) 2.0 TDI	Diesel	81	CLCA		08/10 >	BO; VA, - SS	DSN963	12	2.0
GOLF IV (97-08) 1.8 T	Petrol	110	AUM	5ATM	09/00 > 06/06		DSN957	12	1.4
GOLF IV (97-08) 1.9 TDI	Diesel	85	AUY	ATM	01/00 > 06/01		DSN958	12	2.4
GOLF IV (97-08) 1.9 TDI	Diesel	74/96	ASZ; ATD	ATM	04/01 > 06/06		DSN958	12	2.4
GOLF IV (97-08) 1.9 TDI 4motion	Diesel	85	AUY	ATM	01/00 > 06/01		DSN958	12	2.4
GOLF IV (97-08) 1.9 TDI 4motion	Diesel	74/96	ASZ; ATD	ATM	04/01 > 06/06		DSN958	12	2.4
GOLF IV (97-08) 2.3 V5	Petrol	125	AQN	ATM	10/00 > 06/06		DSN957	12	1.4
GOLF IV (97-08) 2.3 V5 4motion	Petrol	125	AQN	ATM	10/00 > 06/06		DSN957	12	1.4
GOLF IV (97-08) 2.8 V6 4motion	Petrol	150	AUE; BDE	ATM	01/01 > 04/02		DSN957	12	1.4
GOLF PLUS (05-) 1.2 TSI	Petrol	63/77	CBZA; CBZB	MTM	11/09 > 07/12	+ SS, + PR: 7L6	DSN964	12	2.0
GOLF PLUS (05-) 1.6 TDI	Diesel	66	CAYB		02/09 >	BO; VA, - SS	DSN963	12	2.0
GOLF PLUS (05-) 1.6 TDI	Diesel	77	CAYC	MTM	03/09 >	BO; VA, - SS	DSN963	12	2.0
GOLF PLUS (05-) 2.0 TDI	Diesel	81	CBDC; CLCA	MTM	01/09 >	BO; VA, - SS	DSN963	12	2.0
GOLF VI (08-13) 1.2 TSI	Petrol	63/77	CBZA; CBZB	MTM	05/09 > 11/12	+ SS, + PR: 7L6	DSN964	12	2.0
GOLF VI (08-13) 1.6 TDI	Diesel	66	CAYB		02/09 > 11/12	BO; VA, - SS	DSN963	12	2.0
GOLF VI (08-13) 1.6 TDI	Diesel	77	CAYC	MTM	02/09 > 11/12	BO; VA, - SS	DSN963	12	2.0
GOLF VI (08-13) 2.0 TDI	Diesel	81	CBDC; CLCA	MTM	10/08 > 11/12	BO; VA, - SS	DSN963	12	2.0
GOLF VI (08-) 1.2 TSI	Petrol	77	CBZB	6MTM	08/09 >	+ SS, + PR: 7L6	DSN964	12	2.0
GOLF VI (08-) 1.2 TSI	Petrol	63	CBZA	MTM	07/10 >	+ SS, + PR: 7L6	DSN964	12	2.0
GOLF VI (08-) 1.2 TSI	Petrol	77	CBZB		03/11 >	+ SS, + PR: 7L6	DSN964	12	2.0
GOLF VI (08-) 1.6 TDI	Diesel	66/77	CAYB; CAYC		12/09 >	BO; VA, - SS	DSN963	12	2.0
GOLF VI (08-) 1.6 TDI	Diesel	77	CAYC	MTM	01/10 >	BO; VA, - SS	DSN963	12	2.0
JETTA (05-10) 1.6 TDI	Diesel	77	CAYC	MTM	06/09 > 10/10	BO; VA	DSN963	12	2.0
JETTA (10-) 1.2 TSI	Petrol	77	CBZB	MTM	02/11 >	+ SS, + PR: 7L6	DSN964	12	2.0
JETTA (10-) 1.6 TDI	Diesel	77	CAYC	MTM	02/11 >	BO; VA, - SS	DSN963	12	2.0
JETTA (10-) 2.0 TDI	Diesel	81/103	CLCA; CLCB	MTM	10/10 >	BO; VA, - SS	DSN963	12	2.0
MULTIVAN 2.0 TDI	Diesel	62/75	CAAA; CAAB		09/09 >	BO; VA, - SS	DSN963	12	2.0
PASSAT (05-10) 2.0 TDI	Diesel	81	CBDC		11/08 > 11/10	BO; VA, - SS	DSN963	12	2.0
PASSAT (09-) 2.0 TSI	Petrol	155	CCZB	MTM	11/10 > 08/12	+ SS, + PR: 7L6	DSN962	12	2.0
PASSAT (09-) 2.0 TSI 4motion	Petrol	155	CCZB	MTM	01/12 > 08/12	+ SS, + PR: 7L6	DSN962	12	2.0
POLO (09-) 1.2 TDI	Diesel	55	CFWA		10/09 >	BO; VA, - SS	DSN963	12	2.0
POLO (09-) 1.6 TDI	Diesel	55/77	CAYA; CAYC; CLNA		06/09 >	BO; VA, - SS	DSN963	12	2.0
POLO (09-) 1.6 TDI	Diesel	66	CAYB	MTM	06/09 >	BO; VA, - SS	DSN963	12	2.0
SHARAN (95-) 1.8 T 20V	Petrol	110	AWC	ATM	04/00 > 03/10		DSN957	12	1.4
SHARAN (95-) 1.9 TDI	Diesel	85	AUY; BVK	ATM	04/00 > 03/10		DSN958	12	2.4
SHARAN (95-) 1.9 TDI 4motion	Diesel	85	AUY; BVK	ATM	04/00 > 03/10		DSN958	12	2.4
SHARAN (95-) 2.8 V6 24V	Petrol	150	AYL	ATM	04/00 > 03/10		DSN957	12	1.4
SHARAN (95-) 2.8 V6 24V 4motion	Petrol	150	AYL	ATM	04/00 > 03/10		DSN957	12	1.4
SHARAN (10-) 1.4 TSI	Petrol	110	CAVA; CNWB; CTHA	MTM	05/10 >	+ SS	DSN962	12	2.0
TIGUAN 1.4 TSI	Petrol	110	CAVA	MTM	11/09 >	+ SS, + PR: 7L6	DSN962	12	2.0
TIGUAN 1.4 TSI	Petrol	118	CAVD; CTHD	MTM	05/11 >	+ SS, + PR: 7L6	DSN962	12	2.0
TIGUAN 1.4 TSI	Petrol	90	CAXA		05/11 >	+ SS, + PR: 7L6	DSN962	12	2.0
TIGUAN 1.4 TSI 4motion	Petrol	110	CAVA	MTM	11/09 >	+ SS, + PR: 7L6	DSN962	12	2.0
TIGUAN 1.4 TSI 4motion	Petrol	118	CAVD; CTHD	MTM	05/11 >	+ SS, + PR: 7L6	DSN962	12	2.0
TOUAREG (10-) 3.0 V6 TDI	Diesel	150/176	CASA; CASD; CJMA; CNRB		01/10 >	+ SS, + PR: 7L4; 7L6; 7L8	DSN965	12	2.0
TOURAN 1.2 TSI	Petrol	77	CBZB	MTM	05/10 >	+ SS	DSN964	12	2.0
TOURAN 1.6 TDI	Diesel	77	CAYC	MTM	04/10 >	BO; VA, - SS	DSN963	12	2.0
TOURAN 1.6 TDI	Diesel	66	CAYB		05/10 >	BO; VA, - SS	DSN963	12	2.0
TOURAN 2.0 TDI	Diesel	81	CLCA	MTM	11/10 >	BO; VA, - SS	DSN963	12	2.0
TRANSPORTER V (03-) 2.0 TDI	Diesel	62/75	CAAA; CAAB		09/09 >	BO; VA, - SS	DSN963	12	2.0











DENSO Application Tables – Alternators





















		 kW							A
ALFA ROMEO									
145 1.4 i.e. 16V T.S.	Petrol	76	AR33503	MTM	12/96 > 01/01	Eng No: >496654, - AC	DAN502	14	120
145 1.4 i.e. 16V T.S.	Petrol	76	AR33503	MTM	12/96 > 01/01	Eng No: >496654, - AC	DAN633	14	85
145 1.4 i.e. 16V T.S.	Petrol	76	AR33503	MTM	12/96 > 01/01	- AC	DAN636	14	85
145 1.4 i.e. 16V T.S.	Petrol	76	AR33503	MTM	12/96 > 01/01	Eng No: >496654, - AC	DAN641	14	120
145 1.6 i.e. 16V T.S.	Petrol	88	AR67601	MTM	12/96 > 01/01	Eng No: >496654, - AC	DAN502	14	120
145 1.6 i.e. 16V T.S.	Petrol	88	AR67601	MTM	12/96 > 01/01	Eng No: >496654, + AC	DAN502	14	120
145 1.6 i.e. 16V T.S.	Petrol	88	AR67601	MTM	12/96 > 01/01	Eng No: >496654, - AC	DAN633	14	85
145 1.6 i.e. 16V T.S.	Petrol	88	AR67601	MTM	12/96 > 01/01	- AC	DAN636	14	85
145 1.6 i.e. 16V T.S.	Petrol	88	AR67601	MTM	12/96 > 01/01	Eng No: >496654, - AC	DAN641	14	120
145 1.6 i.e. 16V T.S.	Petrol	88	AR67601	MTM	12/96 > 01/01	Eng No: >496654, + AC	DAN641	14	120
145 1.8 i.e. 16V	Petrol	106	AR32201	MTM	03/98 > 01/01	- AC	DAN502	14	120
145 1.8 i.e. 16V	Petrol	106	AR32201	MTM	03/98 > 01/01	+ AC	DAN502	14	120
145 1.8 i.e. 16V	Petrol	106	AR32201	MTM	03/98 > 01/01	- AC	DAN633	14	85
145 1.8 i.e. 16V	Petrol	106	AR32201	MTM	03/98 > 01/01	- AC	DAN641	14	120
145 1.8 i.e. 16V	Petrol	106	AR32201	MTM	03/98 > 01/01	+ AC	DAN641	14	120
145 1.8 i.e. 16V T.S.	Petrol	103	AR67106	MTM	12/96 > 12/98	Eng No: >496654, - AC	DAN502	14	120
145 1.8 i.e. 16V T.S.	Petrol	103	AR67106	MTM	12/96 > 12/98	Eng No: >496654, + AC	DAN502	14	120
145 1.8 i.e. 16V T.S.	Petrol	103	AR67106	MTM	12/96 > 12/98	Eng No: >496654, - AC	DAN633	14	85
145 1.8 i.e. 16V T.S.	Petrol	103	AR67106	MTM	12/96 > 12/98	- AC	DAN636	14	85
145 1.8 i.e. 16V T.S.	Petrol	103	AR67106	MTM	12/96 > 12/98	Eng No: >496654, - AC	DAN641	14	120
145 1.8 i.e. 16V T.S.	Petrol	103	AR67106	MTM	12/96 > 12/98	Eng No: >496654, + AC	DAN641	14	120
145 1.9 JTD	Diesel	77	AR32302	MTM	03/99 > 01/01	- AC	DAN502	14	120
145 1.9 JTD	Diesel	77	AR32302	MTM	03/99 > 01/01	+ AC	DAN502	14	120
145 1.9 JTD	Diesel	77	AR32302	MTM	03/99 > 01/01	- AC	DAN633	14	85
145 1.9 JTD	Diesel	77	AR32302	MTM	03/99 > 01/01	- AC	DAN641	14	120
145 1.9 JTD	Diesel	77	AR32302	MTM	03/99 > 01/01	+ AC	DAN641	14	120
145 2.0 16V Quadrifoglio	Petrol	114	AR32301	MTM	03/98 > 01/01		DAN502	14	120
145 2.0 16V Quadrifoglio	Petrol	114	AR32301	MTM	03/98 > 01/01	Eng No: >1385143	DAN632	14	100
145 2.0 16V Quadrifoglio	Petrol	114	AR32301	MTM	03/98 > 01/01		DAN641	14	120
145 2.0 16V T.S.	Petrol	110	AR67204; AR67299	MTM	10/95 > 02/99		DAN502	14	120
145 2.0 16V T.S.	Petrol	110	AR67204; AR67299	MTM	10/95 > 02/99	Eng No: >1385143	DAN632	14	100
145 2.0 16V T.S.	Petrol	110	AR67204; AR67299	MTM	10/95 > 02/99		DAN641	14	120
146 1.4 i.e. 16V T.S.	Petrol	76	AR33503	MTM	11/96 > 01/01	Eng No: >496654, - AC	DAN502	14	120
146 1.4 i.e. 16V T.S.	Petrol	76	AR33503	MTM	11/96 > 01/01	Eng No: >496654, - AC	DAN633	14	85
146 1.4 i.e. 16V T.S.	Petrol	76	AR33503	MTM	11/96 > 01/01	- AC	DAN636	14	85
146 1.4 i.e. 16V T.S.	Petrol	76	AR33503	MTM	11/96 > 01/01	Eng No: >496654, - AC	DAN641	14	120
146 1.6 i.e. 16V T.S.	Petrol	88	AR67601	MTM	11/96 > 01/01	Eng No: >496654, - AC	DAN502	14	120
146 1.6 i.e. 16V T.S.	Petrol	88	AR67601	MTM	11/96 > 01/01	Eng No: >496654, + AC	DAN502	14	120
146 1.6 i.e. 16V T.S.	Petrol	88	AR67601	MTM	11/96 > 01/01	Eng No: >496654, - AC	DAN633	14	85
146 1.6 i.e. 16V T.S.	Petrol	88	AR67601	MTM	11/96 > 01/01	- AC	DAN636	14	85
146 1.6 i.e. 16V T.S.	Petrol	88	AR67601	MTM	11/96 > 01/01	Eng No: >496654, - AC	DAN641	14	120
146 1.6 i.e. 16V T.S.	Petrol	88	AR67601	MTM	11/96 > 01/01	Eng No: >496654, + AC	DAN641	14	120
146 1.8 i.e. 16V T.S.	Petrol	103	AR67106	MTM	11/96 > 02/99	- AC	DAN502	14	120
146 1.8 i.e. 16V T.S.	Petrol	103	AR67106	MTM	11/96 > 02/99	Eng No: >496654, + AC	DAN502	14	120
146 1.8 i.e. 16V T.S.	Petrol	103	AR67106	MTM	11/96 > 02/99	- AC	DAN633	14	85
146 1.8 i.e. 16V T.S.	Petrol	103	AR67106	MTM	11/96 > 02/99	- AC	DAN636	14	85
146 1.8 i.e. 16V T.S.	Petrol	103	AR67106	MTM	11/96 > 02/99	- AC	DAN641	14	120
146 1.8 i.e. 16V T.S.	Petrol	103	AR67106	MTM	11/96 > 02/99	Eng No: >496654, + AC	DAN641	14	120
146 1.8 i.e. 16V T.S.	Petrol	106	AR32201	MTM	03/98 > 01/01	- AC	DAN502	14	120
146 1.8 i.e. 16V T.S.	Petrol	106	AR32201	MTM	03/98 > 01/01	+ AC	DAN502	14	120
146 1.8 i.e. 16V T.S.	Petrol	106	AR32201	MTM	03/98 > 01/01	- AC	DAN633	14	85
146 1.8 i.e. 16V T.S.	Petrol	106	AR32201	MTM	03/98 > 01/01	- AC	DAN641	14	120
146 1.8 i.e. 16V T.S.	Petrol	106	AR32201	MTM	03/98 > 01/01	+ AC	DAN641	14	120
146 1.9 JTD	Diesel	77	AR 32302	MTM	03/99 > 01/01		DAN502	14	120
146 1.9 JTD	Diesel	77	AR32302	MTM	03/99 > 01/01	- AC	DAN502	14	120
146 1.9 JTD	Diesel	77	AR32302	MTM	03/99 > 01/01	+ AC	DAN502	14	120
146 1.9 JTD	Diesel	77	AR32302	MTM	03/99 > 01/01	- AC	DAN633	14	85
146 1.9 JTD	Diesel	77	AR32302	MTM	03/99 > 01/01	- AC	DAN641	14	120
146 1.9 JTD	Diesel	77	AR32302	MTM	03/99 > 01/01	+ AC	DAN641	14	120
146 2.0 16V Quadrifoglio	Petrol	114	AR32301	MTM	03/98 > 01/01		DAN502	14	120
146 2.0 16V Quadrifoglio	Petrol	114	AR32301	MTM	03/98 > 01/01	Eng No: >1385143	DAN632	14	100
146 2.0 16V Quadrifoglio	Petrol	114	AR32301	MTM	03/98 > 01/01		DAN641	14	120
146 2.0 16V T.S.	Petrol	110	AR67204	MTM	10/95 > 01/01		DAN502	14	120
146 2.0 16V T.S.	Petrol	110	AR67204	MTM	10/95 > 01/01	Eng No: >1385143	DAN632	14	100
146 2.0 16V T.S.	Petrol	110	AR67204	MTM	10/95 > 01/01		DAN641	14	120
147 1.6 16V T.SPARK	Petrol	88	AR32104	MTM	01/01 > 03/10	- AC	DAN502	14	120
147 1.6 16V T.SPARK	Petrol	88	AR32104	MTM	01/01 > 03/10	- AC	DAN633	14	85
147 1.6 16V T.SPARK	Petrol	88	AR32104	MTM	01/01 > 03/10	- AC	DAN641	14	120










										
ALFA ROMEO <i>continued</i>										
147 1.6 16V T.SPARK	Petrol	88	AR32104	MTM	10/04 > 03/10	Eng No: >2835764, + AC	DAN502	14	120	
147 1.6 16V T.SPARK	Petrol	88	AR32104	MTM	10/04 > 03/10	Eng No: >2835764, + AC	DAN641	14	120	
147 1.6 16V T.SPARK ECO	Petrol	77	AR37203	MTM	01/01 > 03/10	- AC	DAN502	14	120	
147 1.6 16V T.SPARK ECO	Petrol	77	AR37203	MTM	01/01 > 03/10	- AC	DAN633	14	85	
147 1.6 16V T.SPARK ECO	Petrol	77	AR37203	MTM	01/01 > 03/10	- AC	DAN641	14	120	
147 1.6 16V T.SPARK ECO	Petrol	77	AR37203	MTM	10/04 > 03/10	Eng No: >2835764, + AC	DAN502	14	120	
147 1.6 16V T.SPARK ECO	Petrol	77	AR37203	MTM	10/04 > 03/10	Eng No: >2835764, + AC	DAN641	14	120	
147 1.9 JTD	Diesel	85	937 A2.000		06/01 > 03/10		DAN502	14	120	
147 1.9 JTD	Diesel	85	937 A2.000		06/01 > 03/10		DAN513	14	120	
147 1.9 JTD	Diesel	74	182B9.000	MTM	06/03 > 03/10		DAN501	14	105	
147 1.9 JTD	Diesel	85	939A7.000	MTM	10/04 > 03/10		DAN501	14	105	
147 1.9 JTD 16V	Diesel	103	192 A5.000		11/02 > 03/10		DAN513	14	120	
147 1.9 JTD 16V	Diesel	93	937A4.000	MTM	09/03 > 09/04	+ AC	DAN501	14	105	
147 1.9 JTD 16V	Diesel	100	192B1.000	MTM	10/04 > 03/10		DAN501	14	105	
147 1.9 JTD 16V	Diesel	103	192A5.000	MTM	07/05 > 03/10		DAN501	14	105	
147 1.9 JTDM	Diesel	85	939 A7.000		10/04 > 03/10		DAN502	14	120	
147 1.9 JTDM	Diesel	85	939 A7.000		10/04 > 03/10		DAN513	14	120	
147 1.9 JTDM	Diesel	85	939A7.000	MTM	10/04 > 03/10		DAN501	14	105	
147 1.9 JTDM 16V	Diesel	110	937A4.000	MTM	07/05 > 03/10		DAN501	14	105	
147 1.9 JTDM 8V	Diesel	88	937A3.000	MTM	07/05 > 03/10		DAN501	14	105	
147 2.0 16V T.SPARK	Petrol	110	AR 32310	MTM	01/01 > 03/10		DAN502	14	120	
147 2.0 16V T.SPARK	Petrol	110	AR32310	MTM	01/01 > 03/10	Eng No: >2835764, + AC	DAN502	14	120	
147 2.0 16V T.SPARK	Petrol	110	AR32310	MTM	01/01 > 03/10	Eng No: >2835764, + AC	DAN641	14	120	
147 2.0 16V T.SPARK	Petrol	110	AR 32310		01/02 > 03/10		DAN501	14	105	
155 1.6 16V T.S.	Petrol	88	AR67601	MTM	05/96 > 12/97		DAN502	14	120	
155 1.6 16V T.S.	Petrol	88	AR67601	MTM	05/96 > 12/97		DAN632	14	100	
155 1.6 16V T.S.	Petrol	88	AR67601	MTM	05/96 > 12/97		DAN641	14	120	
155 1.7 T.S. 16V	Petrol	103	AR67106	MTM	05/96 > 12/97	- AC	DAN502	14	120	
155 1.7 T.S. 16V	Petrol	103	AR67106	MTM	05/96 > 12/97	Eng No: >496654, + AC	DAN502	14	120	
155 1.7 T.S. 16V	Petrol	103	AR67106	MTM	05/96 > 12/97	- AC	DAN633	14	85	
155 1.7 T.S. 16V	Petrol	103	AR67106	MTM	05/96 > 12/97	- AC	DAN641	14	120	
155 1.7 T.S. 16V	Petrol	103	AR67106	MTM	05/96 > 12/97	Eng No: >496654, + AC	DAN641	14	120	
155 2.0 T.S. 16V	Petrol	110	AR67204; AR67299	MTM	06/95 > 12/97		DAN502	14	120	
155 2.0 T.S. 16V	Petrol	110	AR67204; AR67299	MTM	06/95 > 12/97		DAN632	14	100	
155 2.0 T.S. 16V	Petrol	110	AR67204; AR67299	MTM	06/95 > 12/97		DAN641	14	120	
156 1.6 16V T.SPARK	Petrol	88	AR32104	MTM	11/97 > 03/03	Eng No: >02023566, - AC	DAN633	14	85	
156 1.6 16V T.SPARK	Petrol	88	AR67601	MTM	11/97 > 03/03	+ AC	DAN502	14	120	
156 1.6 16V T.SPARK	Petrol	88	AR67601	MTM	11/97 > 03/03	Eng No: >02023566, - AC	DAN502	14	120	
156 1.6 16V T.SPARK	Petrol	88	AR67601	MTM	11/97 > 03/03	+ AC	DAN641	14	120	
156 1.6 16V T.SPARK	Petrol	88	AR67601	MTM	11/97 > 03/03	Eng No: >02023566, - AC	DAN641	14	120	
156 1.6 16V T.SPARK.	Petrol	88	AR32104; AR67601	MTM	05/00 > 03/03	+ AC	DAN502	14	120	
156 1.6 16V T.SPARK.	Petrol	88	AR32104; AR67601	MTM	05/00 > 03/03	+ AC	DAN641	14	120	
156 1.6 16V T.SPARK.	Petrol	88	AR32104	MTM	09/00 > 03/03	Eng No: >0202356, - AC	DAN502	14	120	
156 1.6 16V T.SPARK.	Petrol	88	AR32104	MTM	09/00 > 03/03	Eng No: >0202356, - AC	DAN633	14	85	
156 1.6 16V T.SPARK.	Petrol	88	AR32104	MTM	09/00 > 03/03	Eng No: >0202356, - AC	DAN641	14	120	
156 1.8 16V T.SPARK	Petrol	106	AR32201	MTM	11/97 > 10/00	+ AC	DAN502	14	120	
156 1.8 16V T.SPARK	Petrol	106	AR32201	MTM	11/97 > 10/00	Eng No: >02023566, - AC	DAN502	14	120	
156 1.8 16V T.SPARK	Petrol	106	AR32201	MTM	11/97 > 10/00	Eng No: >02023566, - AC	DAN633	14	85	
156 1.8 16V T.SPARK	Petrol	106	AR32201	MTM	11/97 > 10/00	+ AC	DAN641	14	120	
156 1.8 16V T.SPARK	Petrol	106	AR32201	MTM	11/97 > 10/00	Eng No: >02023566, - AC	DAN641	14	120	
156 1.8 16V T.SPARK	Petrol	106	AR32201	MTM	11/97 > 10/00	Eng No: >02023566, - AC	DAN641	14	120	
156 1.8 16V T.SPARK	Petrol	106	AR32201	MTM	05/00 > 10/00	+ AC	DAN502	14	120	
156 1.8 16V T.SPARK	Petrol	106	AR32201	MTM	05/00 > 10/00	Eng No: >0202356, - AC	DAN502	14	120	
156 1.8 16V T.SPARK	Petrol	106	AR32201	MTM	05/00 > 10/00	Eng No: >0202356, - AC	DAN633	14	85	
156 1.8 16V T.SPARK	Petrol	106	AR32201	MTM	05/00 > 10/00	Eng No: >0202356, - AC	DAN641	14	120	
156 1.8 16V T.SPARK	Petrol	106	AR32201	MTM	05/00 > 10/00	+ AC	DAN641	14	120	
156 1.8 16V T.SPARK	Petrol	106	AR32201	MTM	05/00 > 10/00	Eng No: >0202356, - AC	DAN641	14	120	
156 1.8 16V T.SPARK	Petrol	103	AR32205	MTM	10/00 > 03/03	- AC	DAN502	14	120	
156 1.8 16V T.SPARK	Petrol	103	AR32205	MTM	10/00 > 03/03	+ AC	DAN502	14	120	
156 1.8 16V T.SPARK	Petrol	103	AR32205	MTM	10/00 > 03/03	- AC	DAN633	14	85	
156 1.8 16V T.SPARK	Petrol	103	AR32205	MTM	10/00 > 03/03	- AC	DAN641	14	120	
156 1.8 16V T.SPARK	Petrol	103	AR32205	MTM	10/00 > 03/03	+ AC	DAN641	14	120	
156 1.9 JTD	Diesel	77	AR 32302		11/97 > 06/00		DAN501	14	105	
156 1.9 JTD	Diesel	77	AR 32302	MTM	11/97 > 06/00	Ch No: >1501771	DAN502	14	120	
156 1.9 JTD	Diesel	77	AR32302	MTM	11/97 > 06/00	+ AC	DAN502	14	120	
156 1.9 JTD	Diesel	77	AR32302	MTM	11/97 > 06/00	+ AC	DAN641	14	120	
156 1.9 JTD	Diesel	77/81	AR 32302; AR 37101		05/00 > 05/01		DAN502	14	120	
156 1.9 JTD	Diesel	85	937 A2.000		05/01 > 05/06		DAN513	14	120	
156 2.0 16V T.SPARK	Petrol	114	AR32301	MTM	11/97 > 04/00		DAN502	14	120	
156 2.0 16V T.SPARK	Petrol	114	AR32301	MTM	11/97 > 04/00	Eng No: >1385143	DAN632	14	100	










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ALFA ROMEO continued									
156 2.0 16V T.SPARK	Petrol	114	AR32301	MTM	11/97 > 04/00		DAN641	14	120
156 2.0 16V T.SPARK	Petrol	110/114	AR32301; AR32310	MTM	05/00 > 03/02		DAN502	14	120
156 2.0 16V T.SPARK	Petrol	110/114	AR32301; AR32310	MTM	05/00 > 03/02		DAN641	14	120
156 2.4 JTD	Diesel	100	AR 32501	MTM	11/97 > 10/00	Ch No: >1501771	DAN502	14	120
156 2.4 JTD	Diesel	100	AR32501	MTM	11/97 > 10/00	+ AC	DAN502	14	120
156 2.4 JTD	Diesel	100	AR32501	MTM	11/97 > 10/00	+ AC	DAN641	14	120
156 2.4 JTD	Diesel	103	839 A6.000		10/00 > 05/06		DAN502	14	120
159 1.8 Tbi	Petrol	147	939 B1.000		05/09 > 11/11		DAN1000	14	120
159 1.9 JTDM 16V	Diesel	110	939A2.000		09/05 > 11/11		DAN514	14	140
159 1.9 JTDM 16V	Diesel	100	937A8.000		04/06 > 11/11		DAN514	14	140
159 1.9 JTDM 16V	Diesel	100	937A8.000	MTM	04/06 > 11/11		DAN514	14	140
159 1.9 JTDM 8V	Diesel	85/88	937A7.000; 939A1.000	MTM	09/05 > 11/11		DAN514	14	140
159 1.9 JTDM 8V	Diesel	85	937A7.000	MTM	12/05 > 11/11		DAN514	14	140
159 2.4 JTDM	Diesel	147	939 A3.000		09/05 > 11/11		DAN936	14	150
159 2.4 JTDM	Diesel	154	939A9.000	MTM	05/07 > 11/11		DAN936	14	150
159 2.4 JTDM Q4	Diesel	154	939 A9.000; 939A9.000	MTM	07/07 > 11/11		DAN936	14	150
159 3.2 JTS	Petrol	191	939 A.000		02/08 > 11/11		DAN935	14	150
159 3.2 JTS Q4	Petrol	191	939A.000	MTM	12/05 > 11/11		DAN935	14	150
166 2.0 T.Spark	Petrol	114	AR34103	MTM	09/98 > 06/00	Eng No: >1385143	DAN502	14	120
166 2.0 T.Spark	Petrol	114	AR34103	MTM	09/98 > 06/00	Eng No: >2835764	DAN502	14	120
166 2.0 T.Spark	Petrol	114	AR34103	MTM	09/98 > 06/00	Eng No: >1385143	DAN632	14	100
166 2.0 T.Spark	Petrol	114	AR34103	MTM	09/98 > 06/00	Eng No: >1385143	DAN641	14	120
166 2.0 T.Spark	Petrol	114	AR34103	MTM	09/98 > 06/00	Eng No: >2835764	DAN641	14	120
166 2.0 T.Spark	Petrol	110	AR36301	MTM	10/00 > 06/07	Eng No: >1385143	DAN502	14	120
166 2.0 T.Spark	Petrol	110	AR36301	MTM	10/00 > 06/07	Eng No: >1385143	DAN632	14	100
166 2.0 T.Spark	Petrol	110	AR36301	MTM	10/00 > 06/07	Eng No: >1385143	DAN641	14	120
166 2.0 T.Spark	Petrol	110	AR36301	MTM	10/03 > 06/07	Eng No: >2835764	DAN502	14	120
166 2.0 T.Spark	Petrol	110	AR36301	MTM	10/03 > 06/07	Eng No: >2835764	DAN641	14	120
166 2.4 JTD	Diesel	100	AR34202	MTM	09/98 > 06/00		DAN502	14	120
166 2.4 JTD	Diesel	100	AR34202	MTM	09/98 > 06/00		DAN641	14	120
166 2.4 JTD	Diesel	100	AR 34202	MTM	10/99 > 06/00		DAN502	14	120
166 2.4 JTD	Diesel	103	839 A6.000		10/00 > 06/07	+ AC	DAN502	14	120
ALFETTA 2.0 TD	Diesel	60	VM4HT/2		05/82 > 03/83		DAN608	14	65
ALFETTA 2.4 TD	Diesel	70	VM4HT 2.4		08/83 > 12/84		DAN608	14	65
AR 6 2.5 TD	Diesel	77	VM-HR 588 HT		02/83 > 05/86		DAN608	14	65
AR 8 2.4 D	Diesel	53	8140.61.200		04/78 > 08/86		DAN608	14	65
AR 8 2.4 TD	Diesel	68	8140.21.200 D.I.		09/86 > 12/89		DAN610	14	55
AR 8 2.5 D	Diesel	55	8144.67.220		09/86 > 12/89		DAN608	14	65
BRERA 1.8 Tbi	Petrol	147	939 B1.000		05/09 >		DAN1000	14	120
BRERA 2.4 JTDM 20V	Diesel	147	939A3.000	MTM	02/06 >		DAN936	14	150
BRERA 2.4 JTDM 20V	Diesel	154	939A9.000	MTM	07/07 >		DAN936	14	150
BRERA 3.2 JTS	Petrol	191	939A.000		03/08 >		DAN935	14	150
BRERA 3.2 JTS Q4	Petrol	191	939A.000		01/06 >		DAN935	14	150
GIULIETTA (10-) 1.4 TB	Petrol	88/125	198 A4.000; 940 A2.000		04/10 >		DAN993	14	120
GIULIETTA (10-) 1.8 Tbi	Petrol	173	940 A1.000		04/10 >		DAN1000	14	120
GIULIETTA (10-) 2.0 JTDM	Diesel	100/103/ 120/125	940 A4.000; 940 A5.000; 940 A7.000; 940 A8.000		04/10 >	+ SS	DAN1066	14	120
GT (03-10) 1.9 JTD	Diesel	110	937 A5.000	MTM	11/03 > 09/10		DAN501	14	105
GT (03-10) 1.9 JTD	Diesel	110	937A5.000	MTM	07/06 > 09/10	Ch No: >C7377, + AC	DAN501	14	105
GT (03-10) 1.9 JTD	Diesel	125	937 A6.000		05/08 > 09/10		DAN501	14	105
GTV (95-05) 1.8 16V	Petrol	106	AR32201	MTM	05/98 > 10/05	- AC	DAN502	14	120
GTV (95-05) 1.8 16V	Petrol	106	AR32201	MTM	05/98 > 10/05	+ AC	DAN502	14	120
GTV (95-05) 1.8 16V	Petrol	106	AR32201	MTM	05/98 > 10/05	- AC	DAN633	14	85
GTV (95-05) 1.8 16V	Petrol	106	AR32201	MTM	05/98 > 10/05	- AC	DAN641	14	120
GTV (95-05) 1.8 16V	Petrol	106	AR32201	MTM	05/98 > 10/05	+ AC	DAN641	14	120
GTV (95-05) 2.0 JTS	Petrol	121	AR32310	MTM	04/03 > 10/05	Eng No: >2835764	DAN502	14	120
GTV (95-05) 2.0 JTS	Petrol	121	AR32310	MTM	04/03 > 10/05	Eng No: >2835764	DAN641	14	120
GTV (95-05) 2.0 T.SPARK 16V	Petrol	110	AR16201; AR32310	MTM	06/95 > 10/05		DAN632	14	100
GTV (95-05) 2.0 T.SPARK 16V	Petrol	110/114	AR16201; AR32301; AR32310	MTM	06/95 > 10/05		DAN502	14	120
GTV (95-05) 2.0 T.SPARK 16V	Petrol	110/114	AR16201; AR32301; AR32310	MTM	06/95 > 10/05		DAN641	14	120
GTV (95-05) 2.0 T.SPARK 16V	Petrol	114	AR32301	MTM	05/98 > 08/00	Eng No: >1385143	DAN632	14	100
GTV (95-05) 2.0 T.SPARK 16V	Petrol	110	AR32310	MTM	06/02 > 10/05	Eng No: >2835764	DAN502	14	120
GTV (95-05) 2.0 T.SPARK 16V	Petrol	110	AR32310	MTM	06/02 > 10/05	Eng No: >2835764	DAN641	14	120
MITO 0.9	Petrol	63	312 A2.000		07/11 >	+ SS	DAN1078	14	105
MITO 1.3 JTDM	Diesel	70	199 B1.000		10/09 >		DAN1001	14	105
MITO 1.3 JTDM	Diesel	70	199 B1.000		10/09 >		DAN997	14	120

									
ALFA ROMEO <i>continued</i>									
MITO 1.4	Petrol	58	955 A1.000		09/08 >		DAN998	14	70
MITO 1.4	Petrol	70/88	198 A4.000; 199 A6.000		09/08 >		DAN993	14	120
MITO 1.4 TB	Petrol	99/114/ 120/125	199 A8.000; 940 A2.000; 955 A2.000; 955 A7.000; 955 A8.000		09/08 >		DAN993	14	120
MITO 1.6 JTDM	Diesel	88	198 A2.000; 955 A3.000		09/08 >		DAN1004	14	90
MITO 1.6 JTDM	Diesel	88	955A4.000	MTM	09/08 >	+ AC, + Co	DAN993	14	120
MITO 1.6 JTDM	Diesel	88	955A4.000	MTM	09/08 >	- AC	DAN994	14	100
SPIDER (06-)	Petrol	76	AR00536; AR01563		04/69 > 12/92		DAN510	14	105
SPIDER (95-05) 1.8 16V	Petrol	106	AR32201	MTM	05/98 > 02/03	- AC	DAN502	14	120
SPIDER (95-05) 1.8 16V	Petrol	106	AR32201	MTM	05/98 > 02/03	+ AC	DAN502	14	120
SPIDER (95-05) 1.8 16V	Petrol	106	AR32201	MTM	05/98 > 02/03	- AC	DAN633	14	85
SPIDER (95-05) 1.8 16V	Petrol	106	AR32201	MTM	05/98 > 02/03	- AC	DAN641	14	120
SPIDER (95-05) 1.8 16V	Petrol	106	AR32201	MTM	05/98 > 02/03	+ AC	DAN641	14	120
SPIDER (06-) 1.8 Tbi	Petrol	147	939 B1.000		05/09 >		DAN1000	14	120
SPIDER (06-) 1.8 Tbi	Petrol	147	939 B1.000		05/09 >		DAN510	14	105
SPIDER (06-) 2.0 JTDM	Diesel	120/125	844 A2.000; 939 B3.000		04/09 >		DAN510	14	105
SPIDER (95-05) 2.0 T.SPARK 16V	Petrol	114	AR32301	MTM	05/98 > 08/00		DAN502	14	120
SPIDER (95-05) 2.0 T.SPARK 16V	Petrol	114	AR32301	MTM	05/98 > 08/00	Eng No: >1385143	DAN632	14	100
SPIDER (95-05) 2.0 T.SPARK 16V	Petrol	114	AR32301	MTM	05/98 > 08/00		DAN641	14	120
SPIDER (06-) 2.2 JTS	Petrol	136	939 A5.000		09/06 >		DAN510	14	105
SPIDER (06-) 2.4 JTDM	Diesel	147/154	939 A3.000		04/07 >		DAN510	14	105
SPIDER (06-) 2.4 JTDM	Diesel	147/154	939A3.000; 939A3.000	MTM	04/07 >		DAN936	14	150
SPIDER (06-) 3.2 JTS	Petrol	191	939 A.000		03/08 >		DAN510	14	105
SPIDER (06-) 3.2 JTS	Petrol	191	939A.000	MTM	03/08 >		DAN935	14	150
SPIDER (06-) 3.2 JTS Q4	Petrol	191	939 A.000		09/06 >		DAN510	14	105
SPIDER (06-) 3.2 JTS Q4	Petrol	191	939A.000		09/06 >		DAN935	14	150
AUTOBIANCHI									
A 112 0.9 Junior	Petrol	31	A112A200	MTM	07/75 > 08/85		DAN645	14	55
A 112 1.0 Abarth	Petrol	51	A112AB2C0	MTM	03/75 > 12/84		DAN645	14	55
A 112 1.0 E,Elite,LX	Petrol	35	A112B1000	MTM	12/77 > 08/85		DAN645	14	55
Y10 1.0	Petrol	33	156A2.246	MTM	05/85 > 10/95		DAN574	14	55
Y10 1.0 CAT	Petrol	33	156A2.246	MTM	10/87 > 10/95		DAN574	14	55
Y10 1.1	Petrol	42	156C.046		07/89 > 10/95		DAN574	14	55
Y10 1.1 4WD	Petrol	42	156C.000	MTM	07/89 > 10/95		DAN574	14	55
Y10 1.1 i.e. CAT	Petrol	42	156C.046		09/90 > 10/95		DAN574	14	55
BMW									
1 (E81, E87) 116 i	Petrol	90	N43 B20 A		11/08 > 09/12		DAN1040	14	170
1 (E82) 120 i	Petrol	125	N43 B20 A		09/09 >		DAN1040	14	170
3 (E90) 316 i	Petrol	90	N43 B16 A		09/07 > 12/11		DAN1040	14	170
3 (E90) 318 i	Petrol	105	N43 B20 A		09/07 > 12/11		DAN1040	14	170
3 (E90) 320 i	Petrol	125	N43 B20 A		09/07 > 12/11		DAN1040	14	170
3 (E91) 316 i	Petrol	90	N43 B16 A		09/07 >		DAN1040	14	170
3 (E91) 318 i	Petrol	105	N43 B20 A		09/07 >		DAN1040	14	170
3 (E91) 320 i	Petrol	125	N43 B20 A		09/07 >		DAN1040	14	170
3 (E92) 320 i	Petrol	125	N43 B20 A		03/07 >		DAN1040	14	170
3 (E93) 320 i	Petrol	125	N43 B20 A		03/07 >		DAN1040	14	170
CADILLAC									
BLS 1.9 D	Diesel	110	Z19DTH		04/06 >		DAN1009	14	130
BLS 1.9 D	Diesel	110/132	Z19DTH ; Z19DTR		01/08 >		DAN1009	14	130
CITROËN									
BERLINGO (96-) 1.1 i	Petrol	44	HDZ (TU1M); HFX (TU1JP)		07/96 >	VA, + LS	DAN1063	14	80
BERLINGO (96-) 1.4	CNG	48	KFW (TU3JP)		11/02 >	VA, + LS	DAN1063	14	80
BERLINGO (96-) 1.4	Petrol	53	KFW (TU3JP)		11/02 > 10/05	VA, + LS	DAN1063	14	80
BERLINGO (96-) 1.4 bivalent	Bi-Fuel	48/53	KFW (TU3JP)		11/02 >	VA, + LS	DAN1063	14	80
BERLINGO (96-) 1.4 GNC	CNG	48	KFW (TU3JP)		11/02 >	VA, + LS	DAN1063	14	80
BERLINGO (96-) 1.4 Hybrid	Petrol/ Electro	54	KFW (TU3JP)		05/05 >	VA, + LS	DAN1063	14	80
BERLINGO (96-) 1.4 i	Petrol	55	KFW (TU3JP); KFX (TU3JP)		07/96 >	VA, + LS	DAN1063	14	80
BERLINGO (96-) 1.4 i bivalent	Bi-Fuel	55	KFW (TU3JP)		04/03 >	VA, + LS	DAN1063	14	80
BERLINGO (96-) 1.6 16V	Petrol	80/81	NFU (TU5JP4)		10/00 > 12/08	RPO No: >11724, VA	DAN1063	14	80
C1 1.0	Petrol	50	1KR-FE		06/05 >		DAN1035	14	70
C1 1.0	Petrol	50	1KR-FE		06/05 >	+ Co; + Ho	DAN1036	14	80
C2 1.1	Petrol	44	HFX (TU1JP)		09/03 >		DAN515	14	90
C2 1.1	Petrol	44	TU1JP(HFX)	MTM	09/03 >		DAN1010	14	90
C2 1.1	Petrol	44	TU1A(HFX)	MTM	04/05 >		DAN1010	14	90
C2 1.4	Petrol	54	TU3A(KFV)	MTM	04/05 >		DAN1010	14	90
C2 1.4	Petrol	54	TU3JP(KFV)	MTM	11/07 >		DAN1010	14	90

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CITROËN continued									
C2 1.6	Petrol	80	TU5JP4(NFU)	MTM	09/03 >		DAN1010	14	90
C2 1.6 VTS	Petrol	90	TU5JP4S(NFS)	MTM	01/05 >		DAN1010	14	90
C3 (09-) 1.1	Petrol	44	HFX (TU1JP)		11/09 >		DAN515	14	90
C3 (09-) 1.1	Petrol	44	TU1A(HFX); TU1JP(HFX)	MTM	11/09 >		DAN1010	14	90
C3 (02-09) 1.1 i	Petrol	44	HFX (TU1JP)		02/02 >		DAN515	14	90
C3 (02-09) 1.1 i	Petrol	44	TU1JP(HFX)	MTM	04/02 >		DAN1010	14	90
C3 (02-09) 1.1 i	Petrol	44	TU1A(HFX)	MTM	11/05 >		DAN1010	14	90
C3 (02-09) 1.4 16V	Petrol	65	ET3J4(KFU)	MTM	08/06 >		DAN1010	14	90
C3 (02-09) 1.4 i	Petrol	54	TU3JP(KFV)	MTM	04/02 >		DAN1010	14	90
C3 (02-09) 1.4 i	Petrol	54	TU3A(KFV)	MTM	11/05 >		DAN1010	14	90
C3 (02-09) 1.4 i Bivalent	Bi-Fuel	54	TU3JP(KFV-G); TU3JP(KFW) - GNV	MTM	05/05 >		DAN1010	14	90
C3 (02-09) 1.6 16V	Petrol	80	NFU (TU5JP4)		02/02 >		DAN515	14	90
C3 (02-09) 1.6 16V	Petrol	80	TU5JP4(NFU)		04/02 >		DAN1010	14	90
C3 Pluriel (03-)	Petrol	55	TU3JP		04/03 >		DAN515	14	90
C3 Pluriel (03-) 1.4	Petrol	54	TU3JP(KFV); TU3JP(KFV)	MTM	05/05 >		DAN1010	14	90
C3 Pluriel (03-) 1.6	Petrol	80	NFU (TU5JP4)		05/03 >		DAN515	14	90
C3 Pluriel (03-) 1.6	Petrol	80	TU5JP4(NFU)	MTM	05/03 >		DAN1010	14	90
C4 1.4 16V	Petrol	65	ET3J4(KFU)	MTM	11/04 >		DAN1010	14	90
C4 1.4 16V	Petrol	65	ET3J4(KFU)	MTM	11/04 >	- AC	DAN1010	14	90
C4 1.6 16V	Petrol	80	NFU (TU5JP4)		11/04 >		DAN515	14	90
C4 1.6 16V	Petrol	80	TU5JP4(NFU)		11/04 >		DAN1010	14	90
C4 1.6 16V	Petrol	80	TU5JP4(NFU)		11/04 >	- AC	DAN1010	14	90
C4 1.6 16V Bio-Flex	Flexfuel	80	TU5JP4(NFU)	MTM	09/07 >		DAN1010	14	90
JUMPY (95-06) 1.6	Petrol	58	220 A2.000; 1580 SPI		10/95 >		DAN621	14	85
JUMPY (95-06) 1.6 i	Petrol	58	220 A2.000; 1580 SPI		10/95 >		DAN621	14	85
SAXO 1.0 X	Petrol	33/37	CDZ (TU9M)		05/96 > 06/03	VA, + LS	DAN1063	14	80
SAXO 1.1 X,SX	Petrol	40/44	HDZ (TU1M); HFX (TU1JP)		05/96 > 09/03	VA, + LS	DAN1063	14	80
SAXO 1.4 VTS	Petrol	55	KFW (TU3JP); KFX (TU3JP)		05/96 > 06/03	VA, + LS	DAN1063	14	80
SAXO 1.6	Petrol	66/74/88	NFT; NFX (TU5JP4); NFZ (TU5JP)		02/96 > 04/04	VA, + LS	DAN1063	14	80
SAXO 1.6 VTL,VTR	Petrol	65	NFZ (TU5JP)		05/96 > 06/03	VA, + LS	DAN1063	14	80
SAXO 1.6 VTS	Petrol	72/87	NFT; NFX (TU5JP4)		06/96 > 09/03	VA, + LS	DAN1063	14	80
DAIHATSU									
APPLAUSE (89-97) 1.6 16V	Petrol	77	HD-E	MTM	06/89 > 07/97		DAN969	14	60
APPLAUSE (97-00) 1.6 16V	Petrol	73	HD-E	MTM	09/97 > 05/00		DAN969	14	60
APPLAUSE (89-97) 1.6 16V 4WD	Petrol	77	HD-E	MTM	09/89 > 09/94		DAN969	14	60
CHARADE (93-) 1.3	Petrol	44	HC-U	MTM	07/97 > 10/99		DAN971	14	50
CHARADE (93-) 1.3	Petrol	62	HC-E	ATM	12/99 > 06/00		DAN972	14	50
CHARADE (93-) 1.3	Petrol	62	HC-E	ATM	12/99 > 03/01		DAN970	14	70
CHARADE (93-) 1.3	Petrol	62	HC-E; HC-U	MTM	12/99 > 03/01		DAN971	14	50
CHARADE (93-) 1.3 16V	Petrol	55	HC-U	MTM	05/96 > 11/99		DAN971	14	50
CHARADE (93-) 1.3 i 16V	Petrol	62	HC-E	ATM	03/93 > 11/99		DAN970	14	70
CHARADE (93-) 1.3 i 16V	Petrol	62	HC-E	ATM	03/93 > 11/99		DAN972	14	50
CHARADE (93-) 1.3 i 16V	Petrol	62	HC-E; HC-U	MTM	03/93 > 11/99		DAN971	14	50
CHARADE (93-) 1.5 i 16V	Petrol	66	HEE		08/94 >		DAN970	14	70
CHARADE (93-) 1.5 i 16V	Petrol	66	HEE	MTM	08/94 >		DAN971	14	50
COPEN 0.7	Petrol	50	JB-DET	MTM	09/03 >		DAN975	14	65
COPEN 1.3	Petrol	64	K3-VE	MTM	03/06 >		DAN976	14	70
CUORE (90-98) 1.0	Petrol	43	EJ-VE		04/03 >		DAN973	14	60
CUORE (03-) 1.0	Petrol	43	EJ-VE		05/03 >		DAN973	14	60
CUORE (98-03) 1.0 i	Petrol	41	EJ-DE		10/98 > 06/00		DAN974	14	60
CUORE (98-03) 1.0 i	Petrol	41	EJ-DE; EJ-VE		07/00 > 03/03		DAN973	14	60
EXTOL 1.3	Petrol	63	K3-VE		06/04 >		DAN978	14	65
FEROZA Hard Top 1.6 16V	Petrol	63	HD-C	MTM	10/88 >		DAN969	14	60
FEROZA Hard Top 1.6 i 16V	Petrol	70	HD-E	MTM	10/88 >		DAN969	14	60
FEROZA Soft Top 1.6 16V	Petrol	63	HD-C	MTM	10/88 >		DAN969	14	60
FEROZA Soft Top 1.6 i 16V	Petrol	70	HD-E	MTM	10/88 >		DAN969	14	60
GRAN MOVE 1.6 16V	Petrol	67	HD-EP		06/98 >		DAN970	14	70
GRAN MOVE 1.6 16V	Petrol	67	HD-EP	ATM	06/98 >		DAN972	14	50
GRAN MOVE 1.6 16V	Petrol	67	HD-EP	MTM	06/98 >		DAN971	14	50
GRAN MOVE 1.6 GX	Petrol	67	HD-EP		06/98 > 07/02		DAN970	14	70
GRAN MOVE 1.6 GX	Petrol	67	HD-EP	ATM	06/98 > 07/02		DAN972	14	50
GRAN MOVE 1.6 GX	Petrol	67	HD-EP	MTM	06/98 > 07/02		DAN971	14	50
HIJET (83-90) 0.8	Petrol	29	CD	MTM	07/86 > 10/90		DAN968	14	40
HIJET (83-90) 1.0	Petrol	33	CB	MTM	07/86 > 12/89		DAN968	14	40
HIJET (92-) 1.0	Petrol	33	CB41	MTM	12/92 > 09/94		DAN968	14	40
HIJET (83-90) 1.0 4x4	Petrol	33	CB	MTM	07/86 > 10/90		DAN968	14	40










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DAIHATSU continued									
HIJET (83-90) 1.0 Touring	Petrol	33	CB	MTM	07/86 > 10/90		DAN968	14	40
HIJET (83-90) 1.0 Touring 4x4	Petrol	33	CB	MTM	07/86 > 10/90		DAN968	14	40
MATERIA 1.3	Petrol	67	K3-VE		10/06 >		DAN980	14	80
MATERIA 1.5	Petrol	76	3SZ-VE		10/06 >		DAN979	14	80
MATERIA 1.5 ECO 4WD	Petrol	76	3SZ-VE	MTM	10/06 >		DAN979	14	80
MOVE (94-) 1.0 i	Petrol	41	EJ-VE		07/00 >		DAN973	14	60
MOVE (94-) 1.0 i	Petrol	41	EJ-DE		08/00 >		DAN974	14	60
SIRION (98-05) 1.0	Petrol	40	EJ-DE	ATM	04/98 > 05/00		DAN974	14	60
SIRION (98-05) 1.0	Petrol	40	EJ-DE	MTM	04/98 > 05/00		DAN973	14	60
SIRION (98-05) 1.0 i	Petrol	41	EJ-DE	ATM	04/98 > 05/00		DAN974	14	60
SIRION (98-05) 1.0 i	Petrol	41	EJ-DE	MTM	04/98 > 05/00		DAN973	14	60
SIRION (98-05) 1.0 i	Petrol	43	EJ-VE		09/00 > 01/05		DAN973	14	60
SIRION (98-05) 1.0 i 4WD	Petrol	41	EJ-DE	ATM	04/99 > 05/00		DAN974	14	60
SIRION (98-05) 1.0 i 4WD	Petrol	41	EJ-DE	MTM	04/99 > 05/00		DAN973	14	60
SIRION (98-05) 1.0 i 4WD	Petrol	43	EJ-VE		09/00 > 01/05		DAN973	14	60
SIRION (05-) 1.3 4WD	Petrol	64	K3-VE		04/05 >		DAN977	14	70
SIRION (98-05) 1.3 GTV-i	Petrol	75	K3-VE/102e2		02/01 > 01/05		DAN976	14	70
SIRION (98-05) 1.3 Sport	Petrol	75	K3-VE/102e2		08/00 > 01/05		DAN976	14	70
SIRION (98-05) 1.3 Sport 4WD	Petrol	75	K3-VE/102e2		11/02 > 01/05		DAN976	14	70
SIRION (05-) 1.5	Petrol	76	3SZ-VE		03/08 >		DAN979	14	80
TERIOS (97-) 1.3	Petrol	63	K3-VE		09/01 > 09/02		DAN976	14	70
TERIOS (97-) 1.3 4WD	Petrol	63	K3-VE		10/00 > 10/05		DAN976	14	70
TERIOS (05-) 1.3 DVVT 4x4	Petrol	63	K3-VE	MTM	05/06 >		DAN976	14	70
TERIOS (05-) 1.5	Petrol	77	3SZ-VE		05/06 >		DAN976	14	70
TERIOS (05-) 1.5 4WD	Petrol	77	3SZ-VE		05/06 >		DAN976	14	70
TREVIS 1.0	Petrol	43	EJ-VE/E4		09/06 >		DAN973	14	60
YRV 1.0	Petrol	43	EJ-VE	MTM	02/01 >		DAN973	14	60
YRV 1.3	Petrol	64	K3-VE		02/01 >		DAN976	14	70
YRV 1.3 4WD	Petrol	64	K3-VE		02/01 >		DAN976	14	70
YRV 1.3 GTi	Petrol	95	K3-VT	ATM	07/02 >		DAN976	14	70
FIAT									
127 0.9	Petrol	33	127GL.000		06/73 > 05/83		DAN645	14	55
131 1.3 Mirafiori	Petrol	40	131 A6.000		10/74 > 07/80		DAN610	14	55
131 1.4 Mirafiori	Petrol	51	131 C.000; 131 C1.000		11/80 > 01/84		DAN610	14	55
131 1.4 Super Mirafiori	Petrol	55	131 C1.000		04/81 > 12/83		DAN610	14	55
131 1.6	Petrol	55	131 A1.000		10/74 > 07/80		DAN610	14	55
131 2.0 D	Diesel	44	8144.65		07/78 > 08/84		DAN608	14	65
131 2.5 Diesel	Diesel	53	8144.61		06/78 > 02/84		DAN608	14	65
131 2.5 Super Diesel	Diesel	53	8144.61		04/82 > 01/84		DAN608	14	65
132 2.0 D	Diesel	44	8144.65		08/79 > 05/81		DAN608	14	65
132 2.5 D	Diesel	53	8144.61		07/78 > 05/81		DAN608	14	65
500 (07-) 0.9	Petrol	63	312 A2.000		07/10 >	+ SS	DAN1078	14	105
500 (07-) 1.2	Petrol	51	169 A4.000		10/07 >		DAN1004	14	90
500 (07-) 1.2	Petrol	51	169 A4.000		10/07 >		DAN1005	14	105
500 (07-) 1.2	Petrol	51	169 A4.000		10/07 >	+ AC, + No	DAN519	14	90
500 (07-) 1.2	Petrol	51	169 A4.000		10/07 >		DAN599	14	105
500 (07-) 1.2	Petrol	51	169 A4.000		10/07 >		DAN998	14	70
500 (07-) 1.3 D Multijet	Diesel	55	169A1.000	MTM	11/07 >	- AC	DAN1032	14	70
500 (07-) 1.3 D Multijet	Diesel	70	199 B1.000		12/09 >		DAN1004	14	90
500 (07-) 1.3 D Multijet	Diesel	70	199 B1.000		12/09 >		DAN1005	14	105
500 (07-) 1.3 D Multijet	Diesel	70	199 B1.000		12/09 >		DAN998	14	70
500 (07-) 1.4	Petrol	74	169 A3.000		10/07 >		DAN1004	14	90
500 (07-) 1.4	Petrol	74	169 A3.000		10/07 >		DAN1005	14	105
500 (07-) 1.4	Petrol	74	169 A3.000		10/07 >		DAN519	14	90
500 (07-) 1.4	Petrol	74	169 A3.000		10/07 >		DAN599	14	105
500 (07-) 1.4	Petrol	74	169 A3.000		10/07 >		DAN998	14	70
500 C (09-) 0.9	Petrol	63	312 A2.000		09/09 >	+ SS	DAN1078	14	105
500 C (09-) 1.2	Petrol	51	169 A4.000		09/09 >		DAN1004	14	90
500 C (09-) 1.2	Petrol	51	169 A4.000		09/09 >		DAN1005	14	105
500 C (09-) 1.2	Petrol	51	169 A4.000		09/09 >		DAN599	14	105
500 C (09-) 1.2	Petrol	51	169 A4.000		09/09 >		DAN998	14	70
500 C (09-) 1.3 D Multijet	Diesel	70	199 B1.000		09/09 >		DAN1004	14	90
500 C (09-) 1.3 D Multijet	Diesel	70	199 B1.000		09/09 >		DAN1005	14	105
500 C (09-) 1.3 D Multijet	Diesel	70	199 B1.000		09/09 >		DAN998	14	70
500 C (09-) 1.4	Petrol	74	169 A3.000		09/09 >		DAN1004	14	90
500 C (09-) 1.4	Petrol	74	169 A3.000		09/09 >		DAN1005	14	105
500 C (09-) 1.4	Petrol	74	169 A3.000		09/09 >		DAN599	14	105
500 C (09-) 1.4	Petrol	74	169 A3.000		09/09 >		DAN998	14	70







		 kW							A	
FIAT continued										
CINQUECENTO 0.9 i.e. S	Petrol	29	1170A1.046; 1170A1.04	MTM	07/91 > 07/98	- AC	DAN618	14	55	
COUPE 1.8 16V	Petrol	96	183A1.000	MTM	03/96 > 08/00	Eng No: >02023566	DAN502	14	120	
COUPE 1.8 16V	Petrol	96	183A1.000	MTM	03/96 > 08/00	+ AC	DAN632	14	100	
COUPE 1.8 16V	Petrol	96	183A1.000	MTM	03/96 > 08/00	Eng No: >02023566	DAN633	14	85	
COUPE 1.8 16V	Petrol	96	183A1.000	MTM	03/96 > 08/00		DAN636	14	85	
COUPE 1.8 16V	Petrol	96	183A1.000	MTM	03/96 > 08/00	Eng No: >02023566	DAN641	14	120	
COUPE 1.8 16V	Petrol	96	183 A1.000	MTM	08/97 > 08/00	+ AC	DAN502	14	120	
COUPE 2.0 20V	Petrol	108	182A1.000	MTM	09/96 > 04/98	Eng No: >01258938	DAN518	14	100	
COUPE 2.0 20V	Petrol	113	182B3.000	MTM	10/98 > 08/00	Eng No: >01258938	DAN518	14	100	
COUPE 2.0 20V Turbo	Petrol	162	175A3.000	MTM	09/96 > 08/00	Ch No: >139078	DAN518	14	100	
CROMA (05-) 1.9 D Multijet	Diesel	110	939A2.000; 939A2.000		06/05 >		DAN514	14	140	
CROMA (05-) 1.9 D Multijet	Diesel	88	939A1.000	MTM	06/05 >		DAN514	14	140	
CROMA (05-) 1.9 D Multijet	Diesel	110	939A2.000		01/06 >		DAN513	14	120	
CROMA (05-) 1.9 D Multijet	Diesel	88	939A1.000	MTM	01/06 >		DAN513	14	120	
CROMA (05-) 2.4 D Multijet	Diesel	147	939 A3.000; 939A3.000	ATM	06/05 >		DAN936	14	150	
CROMA (85-96) 1600	Petrol	61	154 A.048		08/86 > 06/90		DAN613	14	65	
CROMA (85-96) 1600	Petrol	61	154A.000; 154A.048	MTM	08/86 > 12/90		DAN611	14	75	
CROMA (85-96) 1600	Petrol	61	154A.000; 154A.048	MTM	08/86 > 12/90		DAN615	14	65	
CROMA (85-96) 2000 CHT	Petrol	66	154 A1.000		08/86 > 01/87		DAN613	14	65	
CROMA (85-96) 2000 CHT	Petrol	66	154A1.000	MTM	08/86 > 02/89		DAN611	14	75	
CROMA (85-96) 2000 CHT	Petrol	66	154A1.000	MTM	08/86 > 02/89		DAN615	14	65	
CROMA (85-96) 2000 CHT	Petrol	74	154C5.000		03/91 > 09/92		DAN615	14	65	
CROMA (85-96) 2000 i.e.	Petrol	88	154 C3.000; 834 B.000		03/87 > 06/90		DAN613	14	65	
CROMA (85-96) 2000 i.e.	Petrol	88	834B.000	MTM	03/87 > 09/92	Ch No: 0817137>0817136	DAN611	14	75	
CROMA (85-96) 2000 i.e.	Petrol	88	834B.000	MTM	03/87 > 09/92	Ch No: 0817137>0817136	DAN615	14	65	
CROMA (85-96) 2000 i.e.	Petrol	85	154C3.000; 154C3.046	MTM	10/87 > 08/96		DAN615	14	65	
CROMA (85-96) 2000 i.e.	Petrol	85	154C3046		10/87 > 08/96		DAN613	14	65	
CROMA (85-96) 2000 i.e. Turbo	Petrol	114	154A2.000	MTM	12/85 > 06/90	Ch No: 0817137>0817136	DAN611	14	75	
CROMA (85-96) 2000 i.e. Turbo	Petrol	114	154A2.000	MTM	12/85 > 06/90	Ch No: 0817137>0817136	DAN615	14	65	
CROMA (85-96) 2000 i.e. Turbo	Petrol	110/114	154 A2.000; 154 C4.046; 834 C.146		12/85 > 08/96		DAN613	14	65	
CROMA (85-96) 2000 i.e. Turbo	Petrol	110	154C4.000	MTM	06/87 > 08/96		DAN615	14	65	
DOBLO (01-) 1.2	Petrol	48	223A5.000	MTM	03/01 >	+ AC	DAN511	14	65	
DOBLO (01-) 1.2	Petrol	48	223A5.000	MTM	03/01 >	+ PS	DAN630	14	65	
DOBLO (01-) 1.2	Petrol	48	223A5.000	MTM	03/01 >	Eng No: >714685, + PS	DAN630	14	65	
DOBLO (01-) 1.2	Petrol	48	223A5.000	MTM	01/04 >	Eng No: >714685, + PS	DAN630	14	65	
DOBLO (01-) 1.3 D Multijet	Diesel	62	223 A9.000		10/05 >	+ AC	DAN1002	14	90	
DOBLO (01-) 1.3 D Multijet	Diesel	62	223 A9.000		10/05 >		DAN1037	14	90	
DOBLO (01-) 1.3 D Multijet	Diesel	62	223A9.000	MTM	01/06 >		DAN501	14	105	
DOBLO (01-) 1.3 D Multijet	Diesel	62	223A9.000	MTM	01/06 >		DAN520	14	90	
DOBLO (09-) 1.3 D Multijet	Diesel	66	199 A3.000; 263 A2.000		02/10 >	- Co	DAN1002	14	90	
DOBLO (01-) 1.3 JTD 16V Multijet	Diesel	62	223 A9.000		08/06 >	+ AC	DAN1002	14	90	
DOBLO (01-) 1.4	Petrol	57	350 A1.000		10/05 >		DAN998	14	70	
DOBLO (01-) 1.9 D	Diesel	46	223 A6.000		03/01 >		DAN1037	14	90	
DOBLO (01-) 1.9 D	Diesel	46	223 A6.000		03/01 >		DAN502	14	120	
DOBLO (01-) 1.9 D	Diesel	46	223A6.000	MTM	03/01 >	+ AC, + FDC	DAN501	14	105	
DOBLO (01-) 1.9 D	Diesel	46	223A6.000	MTM	03/01 >		DAN640	14	65	
DOBLO (01-) 1.9 D	Diesel	46	223A6.000	MTM	03/01 >	- AC	DAN640	14	65	
DOBLO (01-) 1.9 D	Diesel	46	223A6.000	MTM	01/04 >	+ AC, + FDC	DAN501	14	105	
DOBLO (01-) 1.9 D	Diesel	46	223A6.000	MTM	01/04 >	- AC, + FDC	DAN520	14	90	
DOBLO (01-) 1.9 D	Diesel	46	223A6.000	MTM	01/04 >	+ AC	DAN520	14	90	
DOBLO (01-) 1.9 D Multijet	Diesel	88	186 A9.000		10/05 >		DAN1037	14	90	
DOBLO (01-) 1.9 D Multijet	Diesel	88	186A9.000	MTM	01/06 >		DAN501	14	105	
DOBLO (01-) 1.9 D Multijet	Diesel	88	186A9.000	MTM	01/06 >		DAN520	14	90	
DOBLO (01-) 1.9 JTD	Diesel	74/77	182 B9.000; 223 A7.000; 223 B1.000; 223 B2.000		10/01 >		DAN1037	14	90	
DOBLO (01-) 1.9 JTD	Diesel	74/77	182 B9.000; 223 A7.000; 223 B1.000; 223 B2.000	MTM	10/01 >		DAN501	14	105	
DOBLO (01-) 1.9 JTD	Diesel	77	223B1.000	MTM	09/05 >		DAN501	14	105	
DOBLO (01-) 1.9 JTD	Diesel	77	223B1.000	MTM	09/05 >	+ AC	DAN501	14	105	
DOBLO (01-) 1.9 JTD	Diesel	77	223B1.000	MTM	09/05 >		DAN520	14	90	
DOBLO (01-) 1.9 JTD	Diesel	74	223B2.000	MTM	01/06 >	+ AC	DAN501	14	105	
DOBLO (01-) 1.9 JTD	Diesel	74/77	223B1.000; 223B2.000	MTM	01/06 >	- AC	DAN520	14	90	
DUCATO (94-02)	Diesel	55	814467		06/90 > 05/94		DAN608	14	65	
DUCATO (94-02) 1.9 D	Diesel	51	230A2.000	MTM	11/94 > 12/01		DAN627	14	75	
DUCATO (94-02) 1.9 D Combinato	Diesel	51	230A2.000	MTM	06/95 > 12/01		DAN627	14	75	
DUCATO (94-02) 1.9 TD	Diesel	60	230 A3.000		03/94 > 04/02		DAN623	14	100	
DUCATO (94-02) 1.9 TD	Diesel	60/66	230 A3.000; DHX (XUD9TF/L)		03/94 > 04/02		DAN641	14	120	










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FIAT continued									
DUCATO (94-02) 1.9 TD	Diesel	60	230A3.000	MTM	11/94 > 12/01		DAN627	14	75
DUCATO (94-02) 1.9 TD CAT	Diesel	59	230A4.000	MTM	08/94 > 12/01		DAN627	14	75
DUCATO (94-02) 1.9 TD CAT	Diesel	59	230 A4.000		08/94 > 04/02		DAN623	14	100
DUCATO (94-02) 1.9 TD CAT	Diesel	59	230 A4.000		08/94 > 04/02		DAN641	14	120
DUCATO (82-90) 2.4 D	Diesel	53	8144.61		01/82 > 08/90		DAN608	14	65
DUCATO (82-90) 2.4 D	Diesel	53	8144.61		04/82 > 12/85		DAN608	14	65
DUCATO (82-90) 2.4 TD	Diesel	68	8144.21		09/86 > 05/90		DAN608	14	65
DUCATO (82-90) 2.4 TD	Diesel	68	8144.21; 8144.21.220		01/87 > 05/90		DAN608	14	65
DUCATO (82-90) 2.5 D	Diesel	55	8144.67; CRD93L (U25-661)		01/82 > 08/90		DAN608	14	65
DUCATO (89-94) 2.5 D	Diesel	55	8144.67		07/90 > 02/94		DAN608	14	65
DUCATO (89-94) 2.5 TD	Diesel	70	8140.27		07/90 > 02/94	- AC	DAN608	14	65
DUCATO (89-94) 2.5 TD 4x4	Diesel	70	8140.27		07/90 > 02/94		DAN608	14	65
DUCATO (94-02) TD	Diesel	68/70	814021B; 814027		09/86 > 05/94		DAN608	14	65
FIORINO (07-) 1.4	Petrol	54	KFT; KfV		02/08 >		DAN998	14	70
GRANDE PUNTO	Petrol	55	199A7000		10/05 > 07/07		DAN517	14	70
GRANDE PUNTO 1.2	Petrol	48	199 A4.000		10/05 >		DAN519	14	90
GRANDE PUNTO 1.2	Petrol	48	199 A4.000		10/05 >		DAN599	14	105
GRANDE PUNTO 1.2	Petrol	48	199 A4.000		10/05 >		DAN998	14	70
GRANDE PUNTO 1.2	Petrol	51	169 A4.000		09/10 >		DAN999	14	120
GRANDE PUNTO 1.3 D Multijet	Diesel	66	199 A3.000		10/05 >	+ AC	DAN1002	14	90
GRANDE PUNTO 1.4	Petrol	55/57	199 A7.000; 350 A1.000		10/05 >		DAN599	14	105
GRANDE PUNTO 1.4	Petrol	57	350 A1.000		10/05 >		DAN517	14	70
GRANDE PUNTO 1.4	Petrol	57	350 A1.000		10/05 >		DAN519	14	90
GRANDE PUNTO 1.4	Petrol	57	350 A1.000		10/05 >		DAN998	14	70
GRANDE PUNTO 1.4	Petrol	57	350 A1.000		10/05 >		DAN999	14	120
GRANDE PUNTO 1.4 16V	Petrol	70	199 A6.000		10/05 >		DAN517	14	70
GRANDE PUNTO 1.4 16V	Petrol	70	199 A6.000		10/05 >		DAN599	14	105
GRANDE PUNTO 1.4 16V	Petrol	70	199 A6.000		10/05 >		DAN998	14	70
GRANDE PUNTO 1.4 Abarth	Petrol	114	199A8.000	MTM	12/07 >	+ AC	DAN993	14	120
GRANDE PUNTO 1.4 Abarth	Petrol	132	199 A8.000; 955 A8.000		12/07 >		DAN993	14	120
GRANDE PUNTO 1.4 LPG	LPG	57	350 A1.000		12/08 >		DAN999	14	120
GRANDE PUNTO 1.4 Natural Power	Bi-Fuel	57	350 A1.000		07/08 >		DAN998	14	70
GRANDE PUNTO 1.4 T-Jet	Petrol	88	198A4.000	MTM	09/07 >	+ AC	DAN993	14	120
GRANDE PUNTO 1.9 D Multijet	Diesel	88/96	199A5.000; 939A7.000	MTM	10/05 >		DAN513	14	120
IDEA 1.2 16V	Petrol	59	188 A5.000		01/04 >	+ AC	DAN519	14	90
IDEA 1.2 16V	Petrol	59	188 A5.000		01/04 >		DAN992	14	70
IDEA 1.3 D Multijet	Diesel	66	199 A3.000		06/07 >	+ AC	DAN1002	14	90
IDEA 1.3 D Multijet	Diesel	70	199 B1.000		05/08 >	+ AC, - Co	DAN1002	14	90
IDEA 1.4	Petrol	57/66	192 B2.000; 350 A1.000		12/03 >		DAN998	14	70
IDEA 1.4 16V	Petrol	70	843 A1.000		01/04 >	+ AC	DAN519	14	90
IDEA 1.4 16V	Petrol	70	843 A1.000		01/04 >		DAN998	14	70
IDEA 1.9 JTD	Diesel	74	188 B2.000	MTM	01/04 >		DAN501	14	105
IDEA 1.9 JTD	Diesel	74	188B2.000	MTM	06/07 >	+ AC	DAN501	14	105
LINEA 1.3 D Multijet	Diesel	66	199 A3.000		06/07 >		DAN1003	14	70
LINEA 1.3 D Multijet	Diesel	66	199 A3.000		11/07 >	+ AC, - Co	DAN1002	14	90
LINEA 1.4	Petrol	57	350 A1.000		06/07 >	+ AC	DAN519	14	90
LINEA 1.4	Petrol	57	350 A1.000		06/07 >		DAN998	14	70
LINEA 1.4	Petrol	57	350A1.000	MTM	07/07 >	+ AC, + Co	DAN599	14	105
LINEA 1.4 T-Jet	Petrol	88	198A4.000	MTM	09/07 >	+ AC	DAN993	14	120
MAREA 1.2 16V	Petrol	60	182B2.000	MTM	10/98 > 05/02	+ AC	DAN629	14	90
MAREA 1.4 80 12V	Petrol	59	182A3.000	MTM	09/96 > 05/02	+ AC	DAN636	14	85
MAREA 1.6 100 16V	Petrol	76	182A4.000		09/96 > 05/02	Ch No: >0249008, Eng No: >124028, - AC	DAN525	14	75
MAREA 1.6 100 16V	Petrol	76	182A4.000	MTM	09/96 > 05/02	Ch No: >249008, Eng No: >124028, - AC	DAN525	14	75
MAREA 1.6 100 16V	Petrol	76	182A4.000	MTM	09/96 > 05/02	Ch No: >0249008, + AC	DAN629	14	90
MAREA 1.6 100 16V Bipower	Bi-Fuel	76	182A4.000	MTM	04/99 > 05/02	Ch No: >249008, Eng No: >124028, - AC	DAN525	14	75
MAREA 1.8 115 16V	Petrol	83	182 A2.000	MTM	09/96 > 05/02		DAN502	14	120
MAREA 1.8 115 16V	Petrol	83	182A2.000	MTM	09/96 > 05/02	Ch No: 2018322>, Eng No: >02023566, + AC	DAN502	14	120
MAREA 1.8 115 16V	Petrol	83	182A2.000	MTM	09/96 > 05/02	Eng No: >429294	DAN632	14	100
MAREA 1.8 115 16V	Petrol	83	182A2.000	MTM	09/96 > 05/02	Eng No: >429294, + AC	DAN632	14	100
MAREA 1.8 115 16V	Petrol	83	182A2.000	MTM	09/96 > 05/02	Ch No: 2018322>, Eng No: >02023566, + AC	DAN633	14	85
MAREA 1.8 115 16V	Petrol	83	182A2.000	MTM	09/96 > 05/02	Ch No: >0270957, - AC	DAN636	14	85
MAREA 1.8 115 16V	Petrol	83	182A2.000	MTM	09/96 > 05/02	Ch No: >2018321, - AC	DAN636	14	85











Starters & Alternators











Application Tables – Alternators

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FIAT continued									
MAREA 1.8 115 16V	Petrol	83	182A2.000	MTM	09/96 > 05/02	Ch No: 2018322>, Eng No: >02023566, + AC	DAN641	14	120
MAREA 1.8 115 16V	Petrol	83	182 A2.000	MTM	10/96 > 05/02	+ AC, + Co	DAN502	14	120
MAREA 1.9 JTD 105	Diesel	77	182 B4.000		04/99 > 08/00		DAN501	14	105
MAREA 1.9 JTD 105	Diesel	77	182 B4.000	MTM	04/99 > 08/00		DAN502	14	120
MAREA 1.9 JTD 105	Diesel	77	182B4.000	MTM	04/99 > 08/00	Eng No: >1270131, - AC	DAN502	14	120
MAREA 1.9 JTD 105	Diesel	77	182B4.000	MTM	04/99 > 08/00	Eng No: >1270131, - AC	DAN633	14	85
MAREA 1.9 JTD 105	Diesel	77	182B4.000	MTM	04/99 > 08/00	Eng No: >1270131, - AC	DAN641	14	120
MAREA 1.9 JTD 105	Diesel	77	182 B4.000	MTM	04/99 > 05/02		DAN502	14	120
MAREA 1.9 JTD 105	Diesel	77	182B4.000	MTM	04/99 > 05/02	Eng No: >1270131, - AC	DAN502	14	120
MAREA 1.9 JTD 105	Diesel	77	182B4.000	MTM	04/99 > 05/02	Eng No: >1270131, - AC	DAN633	14	85
MAREA 1.9 JTD 105	Diesel	77	182B4.000	MTM	04/99 > 05/02	Eng No: >1270131, - AC	DAN641	14	120
MAREA 1.9 JTD 105	Diesel	77	182B9.000	MTM	04/99 > 05/02	- AC	DAN501	14	105
MAREA 1.9 JTD 110	Diesel	81	186 A6.000		01/01 > 05/02		DAN502	14	120
MAREA 1.9 JTD 110	Diesel	81	186 A6.000; 186A6.000	MTM	01/01 > 05/02		DAN501	14	105
MAREA 1.9 JTD 110	Diesel	81	186A6.000	MTM	01/01 > 05/02	- AC	DAN501	14	105
MAREA 1.9 TD 100	Diesel	74	182 A7.000; 182 B9.000		09/96 > 05/02		DAN501	14	105
MAREA 1.9 TD 100	Diesel	74	182A7.000	MTM	09/96 > 05/02	+ AC	DAN632	14	100
MAREA 1.9 TD 75	Diesel	55	182 A8.000		09/96 > 05/02		DAN501	14	105
MAREA 1.9 TD 75	Diesel	55	182A8.000	MTM	09/96 > 05/02	+ AC	DAN632	14	100
MAREA 2.0 150 20V	Petrol	108	182A1.000	MTM	10/96 > 02/99	- AC	DAN518	14	100
MAREA 2.0 150 20V	Petrol	108	182A1.000	MTM	10/96 > 02/99	Eng No: >01258938, + AC	DAN518	14	100
MAREA 2.0 150 20V	Petrol	110	185A8.000	MTM	01/01 > 05/02	- AC	DAN518	14	100
MAREA 2.0 155 20V	Petrol	113	182A8.000	MTM	04/99 > 08/00	+ AC	DAN632	14	100
MAREA 2.0 155 20V	Petrol	113	182B7.000	MTM	04/99 > 08/00	- AC	DAN518	14	100
MAREA 2.4 JTD 130	Diesel	96	182B7.000	MTM	04/99 > 05/02	- AC	DAN518	14	100
MAREA 2.4 JTD 130	Diesel	96	185 A6.000; 839 A5.000		04/99 > 05/02		DAN501	14	105
MAREA 2.4 JTD 130	Diesel	96	185 A6.000; 839 A5.000	MTM	04/99 > 05/02		DAN502	14	120
MAREA 2.4 JTD 130	Diesel	96	185A6.000	MTM	04/99 > 05/02	- AC	DAN502	14	120
MAREA 2.4 JTD 130	Diesel	96	185A6.000	MTM	04/99 > 05/02	- AC, + EAH	DAN502	14	120
MAREA 2.4 JTD 130	Diesel	96	185A6.000	MTM	04/99 > 05/02	- AC	DAN641	14	120
MAREA 2.4 JTD 130	Diesel	96	185A6.000	MTM	04/99 > 05/02	- AC, + EAH	DAN641	14	120
MAREA 2.4 TD 125	Diesel	91	185 A2.000	MTM	11/96 > 02/99	+ AC	DAN502	14	120
MAREA 2.4 TD 125	Diesel	91	185A2.000	MTM	11/96 > 02/99	+ AC	DAN502	14	120
MAREA 2.4 TD 125	Diesel	91	185A2.000	MTM	11/96 > 02/99	Eng No: >0699589, + AC	DAN502	14	120
MAREA 2.4 TD 125	Diesel	91	185A2.000	MTM	11/96 > 02/99	Eng No: >0699589, + AC	DAN633	14	85
MAREA 2.4 TD 125	Diesel	91	185A2.000	MTM	11/96 > 02/99	- AC	DAN636	14	85
MAREA 2.4 TD 125	Diesel	91	185A2.000	MTM	11/96 > 02/99	+ AC	DAN641	14	120
MAREA 2.4 TD 125	Diesel	91	185A2.000	MTM	11/96 > 02/99	Eng No: >0699589, + AC	DAN641	14	120
MAREA TD	Diesel	55/74	182A7000; 182A8000		08/96 > 02/99		DAN501	14	105
MULTIPLA 1.6 16V Bipower	Bi-Fuel	76	182B6.000	MTM	07/04 > 06/10	+ AC	DAN630	14	65
MULTIPLA 1.9 JTD	Diesel	88	186 A9.000		04/02 > 06/10		DAN1037	14	90
MULTIPLA 1.9 JTD	Diesel	88	186A9.000	MTM	01/06 > 06/10	- AC	DAN520	14	90
MULTIPLA 1.9 JTD 105	Diesel	77	182 B4.000		04/99 > 06/10		DAN1037	14	90
MULTIPLA 1.9 JTD 105	Diesel	77	182 B4.000		04/99 > 06/10		DAN501	14	105
MULTIPLA 1.9 JTD 105	Diesel	77	182B4.000	MTM	04/99 > 06/10	Eng No: >02850151	DAN502	14	120
MULTIPLA 1.9 JTD 105	Diesel	77	182B4.000	MTM	04/99 > 06/10	- AC	DAN520	14	90
MULTIPLA 1.9 JTD 105	Diesel	77	182B4.000	MTM	04/99 > 06/10	Eng No: >02850151	DAN641	14	120
MULTIPLA 1.9 JTD 110	Diesel	81	186 A6.000		03/01 > 03/02		DAN502	14	120
MULTIPLA 1.9 JTD 110	Diesel	81	186 A6.000	MTM	03/01 > 03/02		DAN501	14	105
MULTIPLA 1.9 JTD 110	Diesel	81	186A6.000	MTM	03/01 > 03/02	+ AC	DAN501	14	105
MULTIPLA 1.9 JTD 110	Diesel	81	186A6.000	MTM	03/01 > 03/02	- AC	DAN520	14	90
MULTIPLA 1.9 JTD 110	Diesel	81	186 A6.000		03/01 > 07/02		DAN1037	14	90
MULTIPLA 1.9 JTD 115	Diesel	85	186 A8.000		07/02 > 06/10		DAN1037	14	90
MULTIPLA 1.9 JTD 115	Diesel	85	186 A8.000		07/02 > 06/10		DAN502	14	120
MULTIPLA 1.9 JTD 115	Diesel	85	186 A8.000	MTM	07/02 > 06/10		DAN501	14	105
MULTIPLA 1.9 JTD 115	Diesel	85	186A8.000	MTM	07/04 > 06/10	+ AC	DAN501	14	105
MULTIPLA 1.9 JTD 115	Diesel	85	186A8.000	MTM	07/04 > 06/10	- AC	DAN520	14	90
PALIO 1.2	Petrol	54	178B5.000	MTM	07/97 > 02/01	- AC	DAN630	14	65
PALIO 1.2	Petrol	44	188A4.000	MTM	02/01 >	+ PS	DAN596	14	70
PALIO 1.2	Petrol	44	188A4.000	MTM	03/01 >	+ AC	DAN596	14	70
PALIO 1.2	Petrol	54	178C4.066	MTM	03/01 >		DAN629	14	90
PALIO 1.2	Petrol	59	188 A5.000		09/01 >		DAN596	14	70
PALIO 1.2	Petrol	59	188A5.000	MTM	09/01 >	+ AC	DAN596	14	70
PALIO 1.6 16V	Petrol	74/76	178 B3.000; 182 B6.000		04/96 >		DAN1038	14	85
PALIO 1.6 16V	Petrol	74	178 B3.000		04/96 > 02/01		DAN621	14	85
PALIO 1.7 TD	Diesel	51	176 A3.000		04/96 > 03/01		DAN621	14	85
PALIO 1.9 D	Diesel	46	223 A6.000		03/01 >		DAN1037	14	90











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PALIO 1.9 D	Diesel	46	223A6.000	MTM	03/01 >	+ AC	DAN520	14	90
PANDA (12-) 0.9	Petrol	63	312 A2.000		02/12 >	+ SS	DAN1078	14	105
PANDA (03-) 1.1	Petrol	40	187 A1.000		09/03 >		DAN517	14	70
PANDA (03-) 1.1	Petrol	40	187 A1.000		09/03 >	Ch No: 2533529>, - AC, - Ho	DAN519	14	90
PANDA (03-) 1.1	Petrol	40	187 A1.000		09/03 >		DAN998	14	70
PANDA (03-) 1.1	Petrol	40	187A1.000	MTM	09/03 >	+ AC	DAN591	14	70
PANDA (03-) 1.2	Petrol	44	188 A4.000		09/03 >		DAN517	14	70
PANDA (03-) 1.2	Petrol	44	188 A4.000		09/03 >	Ch No: 2533529>, - AC, - Ho	DAN519	14	90
PANDA (03-) 1.2	Petrol	44	188 A4.000		09/03 >		DAN998	14	70
PANDA (03-) 1.2	Petrol	44	188 A4.000		09/04 >		DAN519	14	90
PANDA (03-) 1.2 4x4	Petrol	44	188 A4.000		10/04 >		DAN519	14	90
PANDA (03-) 1.2 4x4	Petrol	44	188 A4.000		10/04 >		DAN998	14	70
PANDA (03-) 1.2 Bi-Power / Natural Power	Bi-Fuel	44	188 A4.000		01/07 >		DAN517	14	70
PANDA (03-) 1.2 Bi-Power / Natural Power	Bi-Fuel	44	188 A4.000		01/07 >	Ch No: 2533529>, - AC, - Ho	DAN519	14	90
PANDA (03-) 1.2 LPG	LPG	44	188 A4.000		04/09 >		DAN517	14	70
PANDA (03-) 1.3 D Multijet	Diesel	55	169A1.000	MTM	01/08 >		DAN1032	14	70
PANDA (03-) 1.4	Petrol	74	169 A3.000		10/06 >		DAN517	14	70
PANDA (03-) 1.4	Petrol	74	169 A3.000		10/06 >		DAN519	14	90
PANDA (80-04) 650	Petrol	22	141 A.000		01/82 > 07/04		DAN608	14	65
PANDA (80-04) 750	Petrol	25	141B.000	MTM	01/86 > 12/97		DAN645	14	55
PANDA (80-04) 800	Petrol	25	100GL6.000	MTM	02/81 > 12/85		DAN645	14	55
PANDA (80-04) 900	Petrol	33	100 GL3.000; 146 A.000		10/80 > 06/94		DAN608	14	65
PANDA (80-04) 900	Petrol	29/33	100GL3.000; 146A.048; 1170A1.046	MTM	10/80 > 12/96		DAN645	14	55
PANDA (80-04) 900	Petrol	29	1170A1.046; 1170A1.04	MTM	04/92 > 12/96		DAN618	14	55
PANDA (80-04) 1000	Petrol	32	156A2.246	MTM	01/86 > 04/92		DAN574	14	55
PANDA (80-04) 1000	Petrol	37	1170A1.046; 146A.048	MTM	05/86 > 04/91		DAN645	14	55
PANDA (80-04) 1000	Petrol	37	156A2.246	MTM	05/86 > 04/91		DAN574	14	55
PANDA (80-04) 1000 i.e. CAT	Petrol	33	156A2.246	MTM	10/87 > 08/98		DAN574	14	55
PANDA (80-04) 1100	Petrol	37	156C.046		05/91 > 03/95		DAN574	14	55
PANDA (80-04) 1100	Petrol	40	176B2.000		04/95 > 09/03		DAN574	14	55
PANDA (80-04) 1100 Trekking 4x4	Petrol	37	156C.046; 176B2.000	MTM	10/91 > 03/95		DAN574	14	55
PANDA (80-04) 950 4x4	Petrol	35	A112B1.054	MTM	10/84 > 09/85		DAN645	14	55
PANDA (80-04) 1000 4x4	Petrol	33	156A2.246	MTM	05/86 > 12/94		DAN574	14	55
PANDA (80-04) 1000 4x4	Petrol	32	156A2.246	MTM	11/87 > 07/89		DAN574	14	55
PANDA (80-04) 1100 4x4	Petrol	40	176B2.000	MTM	04/95 > 07/04		DAN574	14	55
PUNTO 0.9 Bifuel	LPG	63	312 A2.000		03/12 >	+ SS	DAN1078	14	105
PUNTO 0.9 Twinair Turbo	Petrol	63	312 A2.000		03/12 >	+ SS	DAN1078	14	105
PUNTO (99-) 1.2 16V 80	Petrol	59	188 A5.000		09/99 >		DAN1039	14	90
PUNTO (99-) 1.2 16V 80	Petrol	59	188A5.000		09/99 >	+ AC	DAN629	14	90
PUNTO (99-) 1.2 16V 80	Petrol	59	188A5.000		01/00 >	+ AC	DAN591	14	70
PUNTO (99-) 1.2 16V 80	Petrol	59	188A5.000		01/00 >	+ AC	DAN596	14	70
PUNTO (99-) 1.2 60	Petrol	44	188 A4.000		09/99 >		DAN599	14	105
PUNTO (99-) 1.2 60	Petrol	44	188 A4.000		09/99 >		DAN998	14	70
PUNTO (99-) 1.2 60	Petrol	44	188 A4.000		02/00 > 10/09		DAN597	14	105
PUNTO (99-) 1.2 60	Petrol	44	188A4.000	MTM	09/00 > 10/09	Eng No: >0714685, + To	DAN511	14	65
PUNTO (99-) 1.2 60	Petrol	44	188A4.000	MTM	09/00 > 10/09	+ AC	DAN596	14	70
PUNTO (99-) 1.2 60	Petrol	44	188A4.000	MTM	09/00 > 10/09	+ AC	DAN629	14	90
PUNTO (99-) 1.2 Natural Power	Bi-Fuel	44	188 A4.000		09/03 >		DAN596	14	70
PUNTO (99-) 1.3 JTD	Diesel	51	188A9.000	MTM	07/03 > 10/05	- AC	DAN514	14	140
PUNTO (99-) 1.4	Petrol	70	843 A1.000		09/03 >		DAN517	14	70
PUNTO (99-) 1.4	Petrol	70	843 A1.000		09/03 >		DAN998	14	70
PUNTO (93-00) 1.7 D	Diesel	42	176 B3.000		04/94 > 02/00		DAN621	14	85
PUNTO (93-00) 1.7 TD	Diesel	52	176A3.000; 176A3.000F	MTM	01/94 > 03/97	+ AC	DAN621	14	85
PUNTO (93-00) 1.7 TD	Diesel	51	176A3.000; 176A3.000F	MTM	01/94 > 07/99	+ AC	DAN621	14	85
PUNTO (93-00) 1.7 TD	Diesel	52	176A3.000F; 176A5.000	MTM	04/96 > 02/00	+ AC	DAN621	14	85
PUNTO (99-) 1.8 130 HGT	Petrol	96	183 A1.000; 188 A6.000	MTM	09/99 >		DAN502	14	120
PUNTO (99-) 1.8 130 HGT	Petrol	96	183A1.000; 188A6.000	MTM	09/99 >	- To	DAN502	14	120
PUNTO (99-) 1.8 130 HGT	Petrol	96	183A1.000; 188A6.000	MTM	09/99 >	- To	DAN641	14	120
PUNTO (99-) 1.8 130 HGT	Petrol	96	183A1.000; 188A6.000	MTM	09/99 >	+ To	DAN641	14	120
PUNTO (99-) 1.9 D 60	Diesel	44	188 A3.000		02/00 > 10/09		DAN1037	14	90
PUNTO (99-) 1.9 D 60	Diesel	44	188A3.000	MTM	08/00 > 10/09	+ AC	DAN520	14	90
PUNTO (99-) 1.9 DS 60	Diesel	44	188 A3.000		09/99 >		DAN1037	14	90
PUNTO (99-) 1.9 DS 60	Diesel	44	188A3.000	MTM	08/00 >	+ AC	DAN520	14	90











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PUNTO (99-) 1.9 JTD	Diesel	63	188 A7.000						DAN1037 14 90
PUNTO (99-) 1.9 JTD	Diesel	63	188 A7.000						DAN502 14 120
PUNTO (99-) 1.9 JTD	Diesel	63	188 A7.000		MTM				DAN501 14 105
PUNTO (99-) 1.9 JTD	Diesel	63	188A7.000		MTM				DAN501 14 105
PUNTO (99-) 1.9 JTD	Diesel	63	188A7.000		MTM				DAN520 14 90
PUNTO (99-) 1.9 JTD	Diesel	63	188A7.000		MTM				DAN501 14 105
PUNTO (99-) 1.9 JTD	Diesel	63	188A7.000		MTM				DAN502 14 120
PUNTO (99-) 1.9 JTD	Diesel	63	188A7.000		MTM				DAN520 14 90
PUNTO (99-) 1.9 JTD	Diesel	63	188A7.000		MTM				DAN633 14 85
PUNTO (99-) 1.9 JTD	Diesel	63	188A7.000		MTM				DAN641 14 120
PUNTO (99-) 1.9 JTD	Diesel	74	188B2.000		MTM				DAN501 14 105
PUNTO (99-) 1.9 JTD 80	Diesel	59	188 A2.000						DAN1037 14 90
PUNTO (99-) 1.9 JTD 80	Diesel	59	188 A2.000		MTM				DAN501 14 105
PUNTO (99-) 1.9 JTD 80	Diesel	59	188 A2.000		MTM				DAN502 14 120
PUNTO (99-) 1.9 JTD 80	Diesel	59	188A2.000		MTM				DAN502 14 120
PUNTO (99-) 1.9 JTD 80	Diesel	59	188A2.000		MTM				DAN520 14 90
PUNTO (99-) 1.9 JTD 80	Diesel	59	188A2.000		MTM				DAN633 14 85
PUNTO (99-) 1.9 JTD 80	Diesel	59	188A2.000		MTM				DAN641 14 120
PUNTO (99-) 1.9 JTD 80	Diesel	59	188A2.000		MTM				DAN501 14 105
PUNTO (93-00) 60 TD 1.7	Diesel	46	176B7.000		MTM				DAN621 14 85
PUNTO (93-00) 90 1.6	Petrol	65	176 A9.000						DAN1038 14 85
PUNTO EVO (08-) 1.2	Petrol	48	199 A4.000						DAN517 14 70
PUNTO EVO (08-) 1.2	Petrol	48	199 A4.000						DAN519 14 90
PUNTO EVO (08-) 1.2	Petrol	48	199 A4.000						DAN999 14 120
PUNTO EVO (08-) 1.3 D Multijet	Diesel	55	199 A2.000; 199 A9.000						DAN1032 14 70
PUNTO EVO (08-) 1.3 D Multijet	Diesel	66	199 A3.000						DAN1002 14 90
PUNTO EVO (08-) 1.3 D Multijet	Diesel	66	199 A3.000						DAN1003 14 70
PUNTO EVO (08-) 1.3 D Multijet	Diesel	66	199 A3.000						DAN996 14 90
PUNTO EVO (08-) 1.3 D Multijet	Diesel	70	199 B1.000						DAN1001 14 105
PUNTO EVO (08-) 1.3 D Multijet	Diesel	70	199 B1.000						DAN997 14 120
PUNTO EVO (08-) 1.4	Petrol	57	350 A1.000						DAN1004 14 90
PUNTO EVO (08-) 1.4	Petrol	57	350 A1.000						DAN1005 14 105
PUNTO EVO (08-) 1.4	Petrol	57	350 A1.000						DAN998 14 70
PUNTO EVO (08-) 1.4 16V	Petrol	77	955 A6.000						DAN1004 14 90
PUNTO EVO (08-) 1.4 16V	Petrol	77	955 A6.000						DAN1005 14 105
PUNTO EVO (08-) 1.4 16V	Petrol	99	955 A2.000						DAN993 14 120
REGATA	Diesel	48	149A1000						DAN610 14 55
REGATA 65 Diesel 1.9	Diesel	48	149 A1.000						DAN610 14 55
REGATA 80 Turbo Diesel 1.9	Diesel	59	831 D1.000						DAN610 14 55
RITMO (78-88) 105 Sport 1.6	Petrol	77	138 AR.000						DAN613 14 65
RITMO (78-88) 105 1.6	Petrol	77	138 AR.000						DAN613 14 65
SEDICI 1.9 D Multijet	Diesel	88	D19AA						DAN1062 14 140
SEDICI 1.9 D Multijet 4x4	Diesel	88	D19AA						DAN1062 14 140
SEICENTO 0.9	Petrol	29	1170A1.04; 1170A1.046; 1170A1.046F		MTM				DAN618 14 55
SEICENTO 1.1	Petrol	40	187A1.000		MTM				DAN631 14 90
SIENA 1.2	Petrol	44/59	178 C4.066; 188 A4.000; 188 A5.000						DAN596 14 70
SIENA 1.2	Petrol	54	178C4.066		MTM				DAN629 14 90
SIENA 1.6 16V	Petrol	78	178 B3.000						DAN1038 14 85
SIENA 1.9 D	Diesel	46	223 A6.000						DAN1037 14 90
SIENA 1.9 D	Diesel	46	223A6.000		MTM				DAN520 14 90
STILO 1.2 16V	Petrol	59	188 A5.000						DAN597 14 105
STILO 1.4 16V	Petrol	66/70	192 B2.000; 843 A1.000						DAN599 14 105
STILO 1.4 16V	Petrol	66/70	192 B2.000; 843 A1.000						DAN998 14 70
STILO 1.8 16V	Petrol	98	192A4.000		MTM				DAN641 14 120
STILO 1.8 16V	Petrol	98	192A4.000		MTM				DAN640 14 65
STILO 1.9 D Multijet	Diesel	74	192 A9.000						DAN1037 14 90
STILO 1.9 D Multijet	Diesel	74	192A9.000		MTM				DAN501 14 105
STILO 1.9 D Multijet	Diesel	74	192A9.000		MTM				DAN520 14 90
STILO 1.9 D Multijet	Diesel	110	937A5.000		MTM				DAN513 14 120
STILO 1.9 D Multijet	Diesel	88	192A8.000		MTM				DAN501 14 105
STILO 1.9 JTD	Diesel	85	192 A1.000; 937 A7.000						DAN501 14 105
STILO 1.9 JTD	Diesel	59	192 A3.000						DAN502 14 120
STILO 1.9 JTD	Diesel	85/100/ 103	192A3.000; 192A5.000; 192B1.000		MTM				DAN520 14 90

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STILO 1.9 JTD	Diesel	59/85/ 93/100/ 103	192 A1.000; 192 A3.000; 192 A5.000; 192 B1.000; 937 A4.000; 937 A7.000		09/03 > 08/08		DAN1037	14	90
STILO 1.9 JTD	Diesel	93	937A4.000	MTM	01/04 > 11/06		DAN520	14	90
STILO 1.9 JTD	Diesel	100/103	192A5.000; 192B1.000	MTM	01/04 > 08/08		DAN513	14	120
STILO 1.9 JTD	Diesel	103	192A5.000	MTM	01/04 > 08/08	+ AC	DAN501	14	105
STILO 1.9 JTD	Diesel	59	192A3.000	MTM	01/04 > 08/08	+ AC	DAN501	14	105
STILO 1.9 JTD	Diesel	59/85	192A1.000; 192A3.000	MTM	01/04 > 08/08	- AC	DAN520	14	90
STILO 1.9 JTD	Diesel	85/93	192A3.000; 937A4.000	MTM	01/04 > 08/08		DAN501	14	105
STILO 1.9 JTD	Diesel	93	937A4.000	MTM	01/04 > 08/08		DAN513	14	120
STILO 1.9 JTD	Diesel	100	192B1.000	MTM	04/04 > 08/08	+ AC, + To	DAN501	14	105
STILO 1.9 JTD	Diesel	93	937A4.000	MTM	09/04 > 08/08	+ AC	DAN501	14	105
STILO 1.9 JTD	Diesel	93	937A4.000	MTM	09/04 > 08/08	- AC	DAN520	14	90
STRADA 1.2	Petrol	54	178B5.000	MTM	02/00 >	- PS	DAN630	14	65
STRADA 1.7 TD	Diesel	51	176A3.000; 176A3.000F	MTM	02/00 >		DAN621	14	85
STRADA 1.9 D	Diesel	46	223 A6.000		12/00 >		DAN1037	14	90
STRADA 1.9 D	Diesel	46	223 A6.000		06/01 >		DAN502	14	120
STRADA 1.9 D	Diesel	46	223A6.000	MTM	06/01 >	+ AC	DAN520	14	90
STRADA 1.9 JTD	Diesel	59	188 A2.000		04/03 >		DAN1037	14	90
STRADA 1.9 JTD	Diesel	59	188A2.000	MTM	04/03 >	+ AC	DAN520	14	90
STRADA 1.9 JTD	Diesel	59	188A2.000	MTM	04/03 >	- AC	DAN640	14	65
TEMPRA 1.4 i.e.	Petrol	57	160A1.046	MTM	04/91 > 06/93	+ PS	DAN617	14	65
TEMPRA 1.4 i.e.	Petrol	51	836A4.000	MTM	03/92 > 07/96	+ PS	DAN617	14	65
TEMPRA 1.4 i.e.	Petrol	51	160A1.046	MTM	07/93 > 07/96	+ PS	DAN617	14	65
TEMPRA 1.6	Petrol	63	159A3.048	MTM	04/90 > 04/93	+ PS	DAN617	14	65
TEMPRA 1.6 i.e.	Petrol	57	159A3.048	MTM	04/91 > 07/96	+ PS	DAN617	14	65
TEMPRA 1.6 i.e.	Petrol	55	159A3.048	MTM	06/92 > 07/96	+ PS	DAN617	14	65
TEMPRA 1.6 i.e.	Petrol	55/57/63	159A3.048	MTM	10/92 > 08/96	+ PS	DAN617	14	65
TEMPRA 1.6 i.e.	Petrol	66	159B9.000	MTM	06/94 > 07/96	- AC	DAN617	14	65
TEMPRA 1.8 4x4	Petrol	80	159 A4.000		07/92 > 06/93		DAN613	14	65
TEMPRA 1.8 i.e.	Petrol	77/81	159A4.046; 835C2.000	MTM	03/90 > 08/96	- AC	DAN615	14	65
TEMPRA 1.8 i.e.	Petrol	81	159 A4.000		03/90 > 08/96		DAN613	14	65
TEMPRA 1.8 i.e.	Petrol	81	159 A4.000		04/90 > 06/93	- AC	DAN613	14	65
TEMPRA 1.8 i.e.	Petrol	81	159A4.046	MTM	04/90 > 06/93	- AC	DAN615	14	65
TEMPRA 1.8 i.e.	Petrol	77	159 A4.046; 835 C2.000		03/92 > 12/93	- AC	DAN613	14	65
TEMPRA 1.8 i.e.	Petrol	66/76/77	159 A4.046; 835 C2.000; 835 C4.000		03/92 > 07/96	- AC	DAN613	14	65
TEMPRA 1.8 i.e.	Petrol	77	159A4.046; 835C2.000	MTM	03/92 > 07/96		DAN615	14	65
TEMPRA 1.8 i.e.	Petrol	66/76	835C2.000; 835C4.000; 836A5.000	MTM	09/93 > 07/96		DAN615	14	65
TEMPRA 1.8 i.e.	Petrol	76	835C2.000	MTM	09/93 > 07/96	- AC	DAN615	14	65
TEMPRA 1.8 i.e.	Petrol	74	836A5.000	MTM	10/94 > 08/96		DAN615	14	65
TEMPRA 1.8 i.e.	Petrol	74	836 A5.000		03/95 > 08/96	- AC	DAN613	14	65
TEMPRA 2.0 i.e.	Petrol	83	159A6.046	MTM	10/90 > 06/93	- AC	DAN615	14	65
TEMPRA 2.0 i.e.	Petrol	83	159 A6.046		08/91 > 06/93	- AC	DAN613	14	65
TEMPRA 2.0 i.e. 4x4	Petrol	83	159 A6.046		07/92 > 03/95	- AC	DAN613	14	65
TEMPRA 2.0 i.e. 4x4	Petrol	83	159A6.046	MTM	07/92 > 03/95		DAN615	14	65
TIPO 1.1	Petrol	41	160A3.000	MTM	03/88 > 10/91		DAN574	14	55
TIPO 1.4	Petrol	52	160A1.000	MTM	03/88 > 12/89		DAN617	14	65
TIPO 1.4 i.e.	Petrol	51	160A1.046; 836A4.000	MTM	05/89 > 04/95	+ PS	DAN617	14	65
TIPO 1.6	Petrol	61	160A2.000	MTM	03/88 > 10/91		DAN617	14	65
TIPO 1.6 i.e.	Petrol	55/57	835C1.000	MTM	07/90 > 04/95		DAN617	14	65
TIPO 1.8 i.e.	Petrol	81	159 A4.000		03/92 > 10/92	- AC	DAN613	14	65
TIPO 1.8 i.e.	Petrol	77	836A5.000	MTM	11/92 > 06/93		DAN615	14	65
TIPO 1.8 i.e.	Petrol	66/74/76	835C4.000; 836A5.000	MTM	04/93 > 04/95		DAN615	14	65
TIPO 1.8 i.e.16V Sport	Petrol	100	159A4.046	MTM	04/90 > 06/92		DAN615	14	65
TIPO 1.8 i.e.16V Sport	Petrol	100	160 A5.000		04/90 > 06/92		DAN613	14	65
TIPO 2.0	Petrol	85	159 A5.046; 159 A6.046		10/90 > 03/92		DAN613	14	65
TIPO 2.0 i.e.	Petrol	80/83	159A5.046; 159A6.046	MTM	03/90 > 04/95		DAN615	14	65
TIPO 2.0 i.e.	Petrol	80	159 A5.046		06/90 > 03/92		DAN613	14	65
UNO (83-) 1.3 Turbo i.e.	Petrol	74	146 A2.246		09/89 > 03/91		DAN610	14	55
UNO (83-) 1.4	Petrol	51	160 A1.046		07/91 > 07/96		DAN610	14	55
UNO (83-) 45 i.e. 1.0	Petrol	33	146A1.000	MTM	10/84 > 12/88		DAN645	14	55
UNO (83-) 45 i.e. 1.0	Petrol	33	156A2.000; 156A2.246	MTM	10/84 > 12/88		DAN574	14	55
UNO (83-) 50 i.e. 1.1	Petrol	36	156C.046	MTM	06/92 > 12/93		DAN574	14	55
UNO (83-) 60 Diesel 1.7	Diesel	44	149 B3.000		07/86 > 12/88		DAN610	14	55
UNO (83-) 70 i.e. 1.4	Petrol	51	160 A1.046		09/89 > 12/93		DAN610	14	55
UNO (83-) 45 0.9	Petrol	33	146A1.000	MTM	04/84 > 12/88		DAN645	14	55











									
FIAT <i>continued</i>									
UNO (83-) 45 1.0	Petrol	32	156A2.000; 156A2.246	MTM	06/86 > 12/88		DAN574	14	55
UNO (83-) 45 1.0	Petrol	37	156A2.000; 156A2.246	MTM	06/86 > 08/89		DAN574	14	55
UNO (83-) 50 1.1	Petrol	37	156C.046	MTM	10/90 > 07/93		DAN574	14	55
UNO (83-) 60 1.1	Petrol	42	160A3.000	MTM	04/89 > 12/92		DAN574	14	55
FORD									
B-MAX 1.0 EcoBoost	Petrol	74/88			10/12 >		DAN1073	14	150
C-MAX (07-) 1.0 EcoBoost	Petrol	74/92	M1DA; M2DA	MTM	10/12 >	+ EAH; + PH	DAN1074	14	150
C-MAX (07-) 1.6	Petrol	74	HWDA; HWDB; SHDA; SHDB; SHDC		02/07 > 07/10		DAN588	14	105
C-MAX (07-) 1.8	Petrol	90/92	QQDA; QQDB; QQDC		03/07 > 08/10		DAN1023	14	120
C-MAX (07-) 1.8 Flexifuel	Flexfuel	92	Q7DA		03/07 > 08/10		DAN1023	14	120
C-MAX (07-) 1.8 TDCi	Diesel	85	KKDA		02/07 >	+ AC, - EAH; - PH	DAN582	14	105
C-MAX (07-) 1.8 TDCi	Diesel	85	KKDA		02/07 >	+ AC, + EAH; + PH	DAN932	14	150
C-MAX (07-) 1.8 TDCi	Diesel	85	KKDA		02/07 >	- AC, + EAH; + PH; + HWS	DAN933	14	150
C-MAX (07-) 2.0	Petrol	107	AODA; AODB; AODE; SYDA	ATM	03/07 > 08/10		DAN1023	14	120
C-MAX (07-) 2.0	Petrol	107	AODA; AODB; AODE; SYDA	MTM	03/07 > 08/10		DAN1016	14	120
C-MAX (07-) 2.0 CNG	CNG	107	SYDA	ATM	04/09 > 08/10		DAN1023	14	120
C-MAX (07-) 2.0 CNG	CNG	107	SYDA	MTM	04/09 > 08/10		DAN1016	14	120
C-MAX (07-) 2.0 LPG	LPG	107	SYDA	ATM	06/08 > 08/10		DAN1023	14	120
C-MAX (07-) 2.0 LPG	LPG	107	SYDA	MTM	06/08 > 08/10		DAN1016	14	120
C-MAX (07-) 2.0 TDCi	Diesel	81/100	G6DA; G6DB; G6DD; G6DG; IXDA		02/07 >		DAN930	14	150
ESCORT V (90-94) 1.8 D	Diesel	44	RTD(D18N)	MTM	09/90 > 08/94		DAN504	14	70
ESCORT V (90-94) 1.8 D	Diesel	44	RTH(D18NA)	MTM	05/91 > 12/92	+ AC	DAN504	14	70
ESCORT VI (92-95) 1.8 D	Diesel	44	RTH(D18NA)	MTM	09/92 > 12/94	+ AC	DAN504	14	70
ESCORT VI (92-95) 1.8 TD	Diesel	66	RFD(D18TI)	MTM	06/93 > 12/94	+ PS	DAN504	14	70
ESCORT VII (95-02) 1.8 D	Diesel	44	RTH(D18NA)	MTM	01/95 >	- AC	DAN504	14	70
ESCORT VII (95-02) 1.8 D	Diesel	44	RTH(D18NA)	MTM	01/95 > 02/99	+ AC	DAN504	14	70
ESCORT VII (95-02) 1.8 TD	Diesel	66	RFD(D18TI); RFS(D18TI)	MTM	01/95 > 02/99	- AC	DAN047	14	70
ESCORT VII (95-02) 1.8 TD	Diesel	66	RFD(D18TI)	MTM	09/95 > 09/96		DAN047	14	70
ESCORT VII (95-02) 1.8 Turbo D	Diesel	51	RV(D18TC)	MTM	12/95 > 06/01	- AC	DAN047	14	70
ESCORT VII (95-02) 1.8 Turbo D	Diesel	51	RV(D18TC)	MTM	10/96 > 08/99		DAN047	14	70
FIESTA (91-96) 1.8 D	Diesel	44	RTD(D18N)	MTM	09/91 > 02/96		DAN504	14	70
FIESTA III (89-97) 1.8 D	Diesel	44	RTC(D18N)	MTM	03/89 > 12/95		DAN504	14	70
FIESTA III (89-97) 1.8 TD	Diesel	57	RFE(D18T)	MTM	03/93 > 12/95		DAN504	14	70
FIESTA IV (95-02) 1.8 D	Diesel	44	RTJ(D18NA)	MTM	09/95 > 04/00		DAN047	14	70
FIESTA IV (95-02) 1.8 DI	Diesel	55	RTJ(D18NA)	MTM	09/00 >		DAN047	14	70
FIESTA IV (95-02) TD 1.8	Diesel	55	RTJ(D18NA)	MTM	03/00 >		DAN047	14	70
FIESTA V (01-10) 1.25 16V	Petrol	51/55	FUJA; FUJB; M7JA; M7JB		01/05 >		DAN588	14	105
FIESTA V (01-10) 1.4 16V	Petrol	59	FXJA; FXJB		04/03 >		DAN588	14	105
FIESTA V (01-10) 1.6 16V	Petrol	74	FYJA; FYJB		04/03 >		DAN588	14	105
FIESTA V (01-10) 1.6 TDCi	Diesel	66	HHJA; HHJB		11/04 >		DAN930	14	150
FOCUS C-MAX (03-07) 1.6	Petrol	74	HWDA; HWDB		10/03 > 03/07		DAN588	14	105
FOCUS C-MAX (03-07) 1.6	Petrol	74	HWDA; HWDB		08/04 > 03/07	+ Ho	DAN1041	14	120
FOCUS C-MAX (03-07) 1.6 TDCi	Diesel	66/80	G8DA; G8DB; HHDA; HHDB		10/03 > 03/07		DAN930	14	150
FOCUS C-MAX (03-07) 1.6 Ti	Petrol	85	HXDA; SIDA		08/04 > 03/07	+ Ho	DAN1041	14	120
FOCUS C-MAX (03-07) 1.6 Ti	Petrol	85	HXDA; SIDA		08/04 > 03/07		DAN588	14	105
FOCUS C-MAX (03-07) 1.8	Petrol	88/90/92	CSDA; CSDB; Q7DA; QQDA; QQDB; QQDC	MTM	10/03 > 03/07	TRN: MTX75	DAN1016	14	120
FOCUS C-MAX (03-07) 1.8	Petrol	88/92	CSDA; CSDB; Q7DA; QQDA; QQDB	MTM	05/04 > 03/07	TRN: B5/IB5	DAN1023	14	120
FOCUS C-MAX (03-07) 1.8	Petrol	88/92	CSDA; CSDB; Q7DA; QQDA; QQDB	ATM	05/05 > 03/07		DAN1023	14	120
FOCUS C-MAX (03-07) 1.8	Petrol	90	QQDC	ATM	09/05 > 03/07		DAN1023	14	120
FOCUS C-MAX (03-07) 1.8	Petrol	90	QQDC	MTM	09/05 > 03/07	TRN: B5/IB5	DAN1023	14	120
FOCUS C-MAX (03-07) 1.8 Flexifuel	Flexfuel	92	Q7DA	ATM	01/06 > 03/07		DAN1023	14	120
FOCUS C-MAX (03-07) 1.8 Flexifuel	Flexfuel	92	Q7DA	MTM	01/06 > 03/07	TRN: MTX75	DAN1016	14	120
FOCUS C-MAX (03-07) 1.8 Flexifuel	Flexfuel	92	Q7DA	MTM	01/06 > 03/07	TRN: B5/IB5	DAN1023	14	120
FOCUS C-MAX (03-07) 1.8 TDCi	Diesel	85	KKDA		01/05 > 03/07	+ AC, - EAH; - PH	DAN582	14	105
FOCUS C-MAX (03-07) 1.8 TDCi	Diesel	85	KKDA		01/05 > 03/07	+ AC, + EAH; + PH	DAN932	14	150
FOCUS C-MAX (03-07) 1.8 TDCi	Diesel	85	KKDA		01/05 > 03/07	- AC, + EAH; + PH; + HWS	DAN933	14	150
FOCUS C-MAX (03-07) 2.0	Petrol	107	AODA; AODB; SYDA	MTM	03/04 > 03/07		DAN1016	14	120
FOCUS C-MAX (03-07) 2.0	Petrol	107	AODA; AODB; SYDA	ATM	02/05 > 03/07		DAN1023	14	120
FOCUS C-MAX (03-07) 2.0	Petrol	107	AODA; AODB; SYDA	ATM	10/05 > 03/07	+ Ho	DAN931	14	150
FOCUS C-MAX (03-07) 2.0 TDCi	Diesel	100	G6DA; G6DB; G6DD; G6DG		10/03 > 03/07		DAN930	14	150
FOCUS C-MAX (03-07) TDCi	Diesel	81	DQ16G8DA; DQ16G8DB		10/03 > 08/07		DAN930	14	150
FOCUS I (98-05) 1.4 16V	Petrol	55	FXDA; FXDB; FXDC; FXDD		10/98 > 11/04		DAN587	14	80
FOCUS I (98-05) 1.4 16V	Petrol	55	FXDA; FXDB; FXDC; FXDD		10/98 > 11/04		DAN588	14	105










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FORD continued									
FOCUS I (98-05) 1.6 16V	Petrol	74	FYDA; FYDB; FYDC; FYDD; FYDH					DAN587	14 80
FOCUS I (98-05) 1.6 16V	Petrol	74	FYDA; FYDB; FYDC; FYDD; FYDH					DAN588	14 105
FOCUS I (98-05) 1.6 16V Flexifuel	Flexfuel	75	FYDH					DAN587	14 80
FOCUS I (98-05) 1.6 16V Flexifuel	Flexfuel	75	FYDH					DAN588	14 105
FOCUS I (98-05) 1.8 16V	Petrol	85	ZH18(GPL)	MTM				DAN507	14 80
FOCUS I (98-05) 1.8 16V	Petrol	85	EYDA(ZH18E); EYDC(ZH18ED4)	MTM				DAN507	14 80
FOCUS I (98-05) 1.8 16V	Petrol	85	EYDC(ZH18ED4)					DAN507	14 80
FOCUS I (98-05) 1.8 BiFuel	Petrol	82	ZH18(GPL)	MTM				DAN507	14 80
FOCUS I (98-05) 1.8 DI / TDDi	Diesel	55	BHDA/B(LD18)	MTM				DAN562	14 90
FOCUS I (98-05) 1.8 TDCi	Diesel	74/85	F9DA; F9DB; FFDA					DAN590	14 90
FOCUS I (98-05) 1.8 TDCi	Diesel	85	FFDA(LD18TC)	MTM				DAN562	14 90
FOCUS I (98-05) 1.8 TDCi	Diesel	74	FFDA	MTM				DAN562	14 90
FOCUS I (98-05) 1.8 Turbo DI / TDDi	Diesel	66	C9DA; C9DB; C9DC	MTM				DAN562	14 90
FOCUS I (98-05) 1.8 Turbo DI / TDDi	Diesel	66	C9DA; C9DB; C9DC					DAN505	14 90
FOCUS I (98-05) 2.0 16V	Petrol	96	EDDA(ZH20E); EDDC(ZH20ED4)	MTM				DAN507	14 80
FOCUS II (04-) 1.4	Petrol	59	ASDA; ASDB					DAN1041	14 120
FOCUS II (04-) 1.4	Petrol	59	ASDA; ASDB					DAN588	14 105
FOCUS II (04-) 1.6	Petrol	74	HWDA; HWDB; SHDA					DAN1041	14 120
FOCUS II (04-) 1.6	Petrol	74	HWDA; HWDB; SHDA					DAN588	14 105
FOCUS II (04-) 1.6 LPG	Petrol/ LPG	85	SIDA					DAN1041	14 120
FOCUS II (04-) 1.6 LPG	Petrol/ LPG	85	SIDA					DAN588	14 105
FOCUS II (04-) 1.6 TDCi	Diesel	66/80	G8DA; G8DB; G8DD; G8DE; G8DF; GPDA; GPDC; HHDA; HHDB					DAN930	14 150
FOCUS II (04-) 1.6 Ti	Petrol	85	HXDA; HXDB					DAN1041	14 120
FOCUS II (04-) 1.6 Ti	Petrol	85	HXDA; HXDB					DAN588	14 105
FOCUS II (04-) 1.8	Petrol	92	Q7DA; QQDB	MTM				DAN1016	14 120
FOCUS II (04-) 1.8	Petrol	92	Q7DA; QQDB					DAN1023	14 120
FOCUS II (04-) 1.8 Flexifuel	Flexfuel	92	Q7DA	MTM				DAN1016	14 120
FOCUS II (04-) 1.8 Flexifuel	Flexfuel	92	Q7DA					DAN1023	14 120
FOCUS II (04-) 1.8 TDCi	Diesel	85	KKDA; KKDB					DAN582	14 105
FOCUS II (04-) 1.8 TDCi	Diesel	85	KKDA; KKDB					DAN932	14 150
FOCUS II (04-) 1.8 TDCi	Diesel	85	KKDA; KKDB					DAN933	14 150
FOCUS II (04-) 2.0	Petrol	107	AODA; AODB	MTM				DAN1016	14 120
FOCUS II (04-) 2.0	Petrol	107	AODA; AODB	ATM				DAN1023	14 120
FOCUS II (04-) 2.0	Petrol	107	AODA; AODB	ATM				DAN931	14 150
FOCUS II (04-) 2.0	Petrol	107	AODA; AODB	MTM				DAN934	14 150
FOCUS II (04-) 2.0 CNG	CNG	107	SYDA	ATM				DAN1023	14 120
FOCUS II (04-) 2.0 CNG	CNG	107	SYDA	ATM				DAN931	14 150
FOCUS II (04-) 2.0 CNG	CNG	107	SYDA	MTM				DAN1016	14 120
FOCUS II (04-) 2.0 CNG	CNG	107	SYDA	MTM				DAN934	14 150
FOCUS II (04-) 2.0 Flex	Flexfuel	105		ATM				DAN1023	14 120
FOCUS II (04-) 2.0 Flex	Flexfuel	105		ATM				DAN931	14 150
FOCUS II (04-) 2.0 Flex	Flexfuel	105		MTM				DAN1016	14 120
FOCUS II (04-) 2.0 Flex	Flexfuel	105		MTM				DAN934	14 150
FOCUS II (04-) 2.0 LPG	LPG	107	SYDA	ATM				DAN1023	14 120
FOCUS II (04-) 2.0 LPG	LPG	107	SYDA	ATM				DAN931	14 150
FOCUS II (04-) 2.0 LPG	LPG	107	SYDA	MTM				DAN1016	14 120
FOCUS II (04-) 2.0 LPG	LPG	107	SYDA	MTM				DAN934	14 150
FOCUS II (04-) 2.0 TDCi	Diesel	100	G6DA; G6DB; G6DD					DAN930	14 150
FOCUS II (04-) TDCi	Diesel	81	DQ16G8DA; DQ16G8DB					DAN930	14 150
FOCUS III (11-) 1.0 EcoBoost	Petrol	74	M2DA	5MTM				DAN1073	14 150
FOCUS III (11-) 1.0 EcoBoost	Petrol	92	M1DA	6MTM				DAN1074	14 150
FOCUS III (11-) 1.0 EcoBoost	Petrol	74	M2DA	5MTM				DAN1073	14 150
FOCUS III (11-) 1.0 EcoBoost	Petrol	92	M1DA	6MTM				DAN1074	14 150
FUSION 1.25	Petrol	55	FUJA; FUJB					DAN588	14 105
FUSION 1.4	Petrol	59	FXJA; FXJB; FXJC					DAN588	14 105
FUSION 1.6	Petrol	74	FYJA; FYJB					DAN588	14 105
FUSION 1.6 TDCi	Diesel	66	HHJA; HHJB					DAN930	14 150
GRAND C-MAX 1.0 EcoBoost	Petrol	74/92	M1DA; M2DA	MTM				DAN1074	14 150
KA (08-) 1.2	Petrol	51	FP4					DAN519	14 90
KA (08-) 1.2	Petrol	51	FP4					DAN998	14 70










									
FORD continued									
KUGA 2.0 TDCi	Diesel	100/103	G6DG; UFDA; UKDA		03/08 >		DAN930	14	150
KUGA 2.0 TDCi 4x4	Diesel	100/103/120	G6DG; TXDA; UFDA; UKDA		03/08 >		DAN930	14	150
ORION III (90-94) 1.8 TD	Diesel	66	RFE(D18T)	MTM	09/92 > 08/93		DAN504	14	70
FORD AUSTRALIA									
FOCUS 1.8 i	Petrol	85	ZH18(GPL)	MTM	09/02 > 08/04		DAN507	14	80
FOCUS 2.0 i	Petrol	96	EDDA(ZH20E); EDDC(ZH20ED4)	MTM	09/02 > 08/04		DAN507	14	80
FOCUS 2.0 TDCi	Diesel	100	G6DA		04/07 > 03/09		DAN930	14	150
HONDA									
ACCORD IX (08-) 2.0 i	Petrol	115	R20A3		07/08 >	+ AC	DAN984	14	130
ACCORD IX (08-) 2.2 i-DTEC	Diesel	110	N22B/F	MTM	07/08 >	+ AC	DAN984	14	130
ACCORD IX (08-) 2.4 i	Petrol	148	K24Z3		07/08 >	+ AC	DAN984	14	130
ACCORD VIII (03-) 2.0	Petrol	114	K20A6		02/03 >		DAN983	14	100
ACCORD VIII (03-) 2.2 i-CTDi	Diesel	103	N22A1	MTM	02/04 >		DAN984	14	130
ACCORD VIII (03-) 2.4	Petrol	140	K24A3		02/03 >		DAN983	14	100
CIVIC VIII (05-) 2.2 CTDi	Diesel	103	N22A1	MTM	01/06 >		DAN984	14	130
CIVIC VIII (05-) 2.2 CTDi	Diesel	103	N22A2	MTM	01/07 >		DAN985	14	120
CR-V (02-06) 2.2 CTDi	Diesel	103	N22A1	MTM	03/05 > 09/06		DAN984	14	130
CR-V (06-12) 2.2 i-CTDi 4WD	Diesel	103	N22A2	MTM	01/07 >		DAN985	14	120
FR-V 2.2 i CTDi	Diesel	103	N22A1	MTM	07/05 >		DAN984	14	130
IVECO									
DAILY I (78-99) 35-10	Diesel	68	8140.21.200		01/85 > 12/89		DAN515	14	90
DAILY I (78-99) 35-10	Diesel	68	8140.21.200		01/89 > 12/89		DAN609	14	55
DAILY I (78-99) 35-8	Diesel	53	8140.61.200		01/78 > 12/89		DAN607	14	65
DAILY I (78-99) 40-10	Diesel	68	8140.27 S		01/85 > 12/89		DAN515	14	90
DAILY I (78-99) 40-10 V	Diesel	68	8140.27 S		01/85 > 12/89		DAN515	14	90
DAILY I (78-99) 45-10	Diesel	68	8140.21.200		01/85 > 12/89		DAN610	14	55
DAILY I (78-99) 45-10 V	Diesel	68	8140.21.200		01/85 > 12/89		DAN610	14	55
DAILY I (78-99) 49-10	Diesel	68	8140.21.200		01/85 > 12/89		DAN610	14	55
DAILY I (78-99) 49-10 V	Diesel	68	8140.21.200		01/85 > 12/89		DAN610	14	55
DAILY II (89-99) 30-10	Diesel	76	8140.23.		01/98 > 05/99		DAN610	14	55
DAILY II (89-99) 35-10	Diesel	68/76/80	8140.23.; 8140.47R.2790; 8140.97.2781		01/89 > 12/96		DAN515	14	90
DAILY II (89-99) 35-10	Diesel	68/76/80	8140.23.; 8140.47R.2790; 8140.97.2781		01/89 > 08/98		DAN609	14	55
DAILY II (89-99) 35-10	Diesel	76/80	8140.47R.2790		07/92 > 08/98		DAN610	14	55
DAILY II (89-99) 35-10	Diesel	76	8140.23.		01/96 > 05/99		DAN610	14	55
DAILY II (89-99) 35-10 K	Diesel	76	8140.23.		01/97 > 05/99		DAN515	14	90
DAILY II (89-99) 35-10 K	Diesel	76	8140.23.		01/97 > 05/99		DAN609	14	55
DAILY II (89-99) 35-10 K	Diesel	76	8140.23.		01/97 > 05/99		DAN610	14	55
DAILY II (89-99) 35-12	Diesel	85/90	8140.43.; 8140.47.2700		01/90 > 05/99		DAN609	14	55
DAILY II (89-99) 40-10 4x4	Diesel	76	8140.23.		01/97 > 05/99		DAN515	14	90
DAILY II (89-99) 40-10 4x4	Diesel	76	8140.23.		01/97 > 05/99		DAN610	14	55
DAILY II (89-99) 40-10 V	Diesel	76	8140.27.2720		01/90 > 04/96		DAN515	14	90
DAILY II (89-99) 40-10 V	Diesel	76	8140.27.2720		01/90 > 04/96		DAN610	14	55
DAILY II (89-99) 40-10 W 4x4	Diesel	76	8140.23.		01/97 > 05/99		DAN515	14	90
DAILY II (89-99) 40-10 W 4x4	Diesel	76	8140.23.		01/97 > 05/99		DAN610	14	55
DAILY II (89-99) 45-10	Diesel	76	8140.27.2720		01/89 > 04/96		DAN610	14	55
DAILY II (89-99) 45-10	Diesel	76	8140.27.2720		01/91 > 04/96		DAN609	14	55
DAILY II (89-99) 45-10 V	Diesel	76	8140.27.2720		01/89 > 04/96		DAN610	14	55
DAILY II (89-99) 49-10	Diesel	76	8140.23.; 8140.27.2700; 8140.47R.2790		01/89 > 05/99		DAN609	14	55
DAILY II (89-99) 49-10	Diesel	76	8140.27.2700; 8140.47R.2790		07/92 > 04/96		DAN610	14	55
DAILY II (89-99) 49-10	Diesel	76	8140.23.		05/96 > 05/99		DAN610	14	55
DAILY II (89-99) 49-10 K	Diesel	76	8140.23.; 8140.27.2700; 8140.47R.2790		01/89 > 05/99		DAN609	14	55
DAILY II (89-99) 49-10 K	Diesel	76	8140.27.2700; 8 140.47R.2790		07/92 > 04/96		DAN610	14	55
DAILY II (89-99) 59-12	Diesel	85/90	8140.43.; 8140.47.2700; 8140.47.2711		05/91 > 05/99		DAN609	14	55
DAILY II (89-99) 59-12 K	Diesel	85/90	8140.43.; 8140.47.2700; 8140.47.2711		05/91 > 05/99		DAN609	14	55
DAILY II (89-99) 59-12 V	Diesel	85/90	8140.43.; 8140.47.2700; 8140.47.2711		05/91 > 05/99		DAN609	14	55
DAILY II (89-99) A 40-10	Diesel	76	8140.23.; 8140.27.2720		01/91 > 05/99		DAN515	14	90
DAILY II (89-99) A 40-10	Diesel	76	8140.27.2720		09/96 > 12/96		DAN609	14	55











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IVECO continued									
DAILY II (89-99) A 40-10	Diesel	76	8140.23.		09/96 > 05/99		DAN609	14	55
DAILY II (89-99) A 40-12	Diesel	90	8140.43.		05/96 > 05/99		DAN609	14	55
DAILY II (89-99) A 45-10	Diesel	76	8140.23.		05/96 > 05/99		DAN609	14	55
DAILY III (99-06) 35 C 10 V, 35 S 10 V	Diesel	70	F1AE0481A		09/02 >		DAN515	14	90
DAILY III (99-06) 35 S 10	Diesel	70	F1AE0481A		09/02 >		DAN515	14	90
DAILY IV (06-) 35C10, 35S10	Diesel	70	F1AE0481FA		05/06 >		DAN515	14	90
DAILY IV (06-) 35C10 K	Diesel	70	F1AE0481FA		05/06 >		DAN515	14	90
DAILY IV (06-) 40C10	Diesel	70	F1AE0481FA		05/06 >		DAN515	14	90
DAILY IV (06-) 40C10 V	Diesel	70	F1AE0481FA		05/06 >		DAN515	14	90
M	Diesel	130/176/ 177	8060.25.600; 8220.22.002; 8220.22.102; 8460.21.002; 8460.21.010		06/82 > 12/91		DAN603	28	30
M	Diesel	124	8360.05.254		12/85 > 09/86		DAN603	28	30
MK	Diesel	96/118	BF6L 913 T; BF6L 913; F6L 913		01/83 > 12/91		DAN603	28	30
P/PA	Diesel	224/225/ 235	8210.22.210; 8210.22.236; 8210.22.511; 8210.22.521; 8210.22.523; 8210.22.525; 8210.22.535; 8210.22.537; 8210.22X.235; 8210.22X.523; BF8L 513; F10L 413 F		01/83 > 12/90		DAN603	28	30
TurboStar	Diesel	243/265/ 277/309/ 350	8210.22.105; 8210.42.101; 8210.42.152; 8210.42.154; 8210.42.162; 8210.42.181; 8210.42.182; 8210.42.191; 8280.22.201; 8280.22.205; 8280.42.001; 8280.42.050		01/86 > 12/93		DAN603	28	30
TurboTech	Diesel	277	8210.42.152; 8210.42.155; 8210.42.172		01/90 > 12/92		DAN603	28	30
Zeta	Diesel	74	8340.04.200; 8340.04.250; 8340.04.300; 8340.04.362		01/79 > 10/83		DAN603	28	30
Zeta	Diesel	63	8040.04.200		11/79 > 12/82		DAN603	28	30
Zeta	Diesel	74	8340.04.200; 8340.04.250		05/82 > 12/86		DAN603	28	30
Zeta	Diesel	74	8340.04.200; 8340.04.250; 8340.04.300; 8340.04.350		05/83 > 01/87		DAN603	28	30
Zeta	Diesel	63/65/ 74/85/ 96/99/ 101	8040.04.200; 8040.05.230; 8040.25.200; 8040.25.220; 8040.25.230 R; 8060.04.060; 8060.04.660; 8060.04.669; 8060.05.280; 8060.05.289; 8340.04.200; 8340.04.300		07/83 > 03/91		DAN603	28	30
JAGUAR									
XJ (97-03) 8 3.2	Petrol	174			07/97 > 05/03		DAN672	14	120
XJ (97-03) 8 4.0	Petrol	209	BC		07/97 > 05/03		DAN672	14	120
XJ (97-03) R 4.0	Petrol	267	DC		07/97 > 05/03		DAN672	14	120
XK 8 4.0	Petrol	209	CC; CE		03/96 > 07/05		DAN672	14	120
XK 8 4.0	Petrol	267	AJ-V8-4.0R		02/98 > 07/05		DAN671	14	120
LANCIA									
DEDRA 1.6	Petrol	66	159B9.000	MTM	10/94 > 08/97		DAN617	14	65
DEDRA 1.6 16V	Petrol	76	182A4.000	MTM	02/97 > 07/99		DAN525	14	75
DEDRA 1.6 i.e.	Petrol	57/66	835A1.000; 835A1.046	MTM	09/89 > 06/94	+ PS	DAN617	14	65
DEDRA 1.6 i.e.	Petrol	55	835C1.000	MTM	04/93 > 07/99	+ PS	DAN617	14	65
DEDRA 1.6 LE	Petrol	66	835A1.000	MTM	07/94 > 08/97	+ PS	DAN617	14	65
DEDRA 1.8 16V LE	Petrol	83	182A2.000	MTM	03/96 > 10/98		DAN632	14	100
DEDRA 1.8 GT 16V	Petrol	96	183A1.000	MTM	03/96 > 07/99		DAN632	14	100
DEDRA 1.8 i.e.	Petrol	66/77/80	835A2.000; 835A2.046; 835C5.000	MTM	09/89 > 07/99		DAN615	14	65
DEDRA 1.8 i.e.	Petrol	80	835 A2.000		01/91 > 07/92		DAN613	14	65
DEDRA 1.8 i.e.	Petrol	77	835 A2.046		01/91 > 07/99		DAN613	14	65
DEDRA 1.8 i.e.	Petrol	74	836 A5.000		07/94 > 10/94		DAN613	14	65
DEDRA 1.8 i.e.	Petrol	74	836A5.000	MTM	07/94 > 08/97		DAN615	14	65
DELTA (79-94)	Petrol	60	831B1000		11/90 > 10/93		DAN610	14	55
DELTA (93-99)	Petrol	74	836A5000		02/96 > 09/99		DAN613	14	65
DELTA (79-94) 1.3	Petrol	55	831 A2.000; 831 B.000		09/79 > 07/85		DAN610	14	55
DELTA (79-94) 1.3	Petrol	58	831 A2.000		09/83 > 08/92		DAN610	14	55
DELTA (08-) 1.4	Petrol	88/110	198 A1.000; 198 A4.000		09/08 >		DAN993	14	120
DELTA (93-99) 1.4 i.e.	Petrol	51	160A1.046; 836A4.000	MTM	10/94 > 08/99		DAN617	14	65
DELTA (79-94) 1.5	Petrol	63	831 A1.000; 831 B1.000		09/79 > 07/85		DAN610	14	55






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LANCIA continued									
DELTA (08-) 1.6 D Multijet	Diesel	88	955A4.000	MTM	09/08 >	+ AC	DAN995	14	120
DELTA (08-) 1.6 D Multijet	Diesel	88	955A4.000	MTM	06/09 >	+ AC	DAN994	14	100
DELTA (79-94) 1.6 GT	Petrol	77	831 A4.000		11/82 > 07/85		DAN613	14	65
DELTA (79-94) 1.6 GT i.e.	Petrol	66	149C2.000	MTM	05/87 > 08/92		DAN611	14	75
DELTA (93-99) 1.6 i.e.	Petrol	55	835C1.000	MTM	11/93 > 08/96		DAN617	14	65
DELTA (93-99) 1.6 i.e.	Petrol	66	182A6.000	MTM	03/96 > 08/99		DAN525	14	75
DELTA (93-99) 1.6 i.e. 16V	Petrol	76	182A4.000	MTM	01/96 > 08/99		DAN525	14	75
DELTA (93-99) 1.8 i.e.	Petrol	76	835 C2.000		11/93 > 08/96		DAN613	14	65
DELTA (93-99) 1.8 i.e.	Petrol	76	835C2.000	MTM	11/93 > 08/96		DAN615	14	65
DELTA (93-99) 1.8 i.e.	Petrol	66	835 C4.000; 836 A6.000; 836 C4.000		11/94 > 08/96		DAN613	14	65
DELTA (93-99) 1.8 i.e.	Petrol	66	835C4.000; 836A6.000	MTM	11/94 > 08/96		DAN615	14	65
DELTA (93-99) 1.8 i.e. 16V	Petrol	83	182A2.000	MTM	03/96 > 04/98		DAN632	14	100
DELTA (93-99) 1.8 i.e. 16V GT	Petrol	96	183A1.000	MTM	03/96 > 08/99		DAN632	14	100
DELTA (08-) 1.9 D Multijet	Diesel	140	844A1.000	MTM	01/09 >	+ AC	DAN993	14	120
DELTA (08-) 1.9 D Multijet	Diesel	140	844A1.000	MTM	01/09 >	+ AC	DAN994	14	100
DELTA (79-94) 2.0 16V HF Evo Integrale	Petrol	155	831E5.000; 831E5.046	MTM	06/93 > 01/94		DAN611	14	75
DELTA (79-94) 2.0 16V HF Integrale	Petrol	144	831D5.000	MTM	08/89 > 09/91		DAN611	14	75
DELTA (08-) 2.0 D Multijet	Diesel	121	198A5.000	MTM	09/08 >	+ AC	DAN993	14	120
DELTA (08-) 2.0 D Multijet	Diesel	121	198A5.000	MTM	09/08 >	+ AC	DAN994	14	100
DELTA (79-94) 2.0 HF Integrale	Petrol	122	831B5.000	MTM	11/86 > 09/87		DAN611	14	75
DELTA (79-94) 2.0 HF Integrale	Petrol	130	831C5.046	MTM	05/87 > 12/92		DAN611	14	75
DELTA (79-94) 2.0 HF Integrale	Petrol	133	831C5.000	MTM	10/87 > 02/89		DAN611	14	75
KAPPA 2.0 20V	Petrol	107	838 A1.000; 838A1.000		10/94 > 10/01		DAN502	14	120
KAPPA 2.0 20V	Petrol	107	838A1.000		10/94 > 10/01		DAN641	14	120
KAPPA 2.0 20V	Petrol	114	838A6.000	MTM	09/96 > 05/01		DAN502	14	120
KAPPA 2.0 20V	Petrol	114	838A6.000	MTM	09/96 > 05/01		DAN641	14	120
KAPPA 2.0 20V	Petrol	114	838A6.000		09/96 > 10/01		DAN502	14	120
KAPPA 2.0 20V	Petrol	114	838A6.000		09/96 > 10/01		DAN641	14	120
KAPPA 2.4 20V	Petrol	129	838A2.000; 838A2.027	MTM	10/94 > 10/01		DAN502	14	120
KAPPA 2.4 20V	Petrol	129	838A2.000; 838A2.027	MTM	10/94 > 10/01		DAN641	14	120
KAPPA 2.4 20V	Petrol	129	838A2.000		09/96 > 10/01		DAN502	14	120
KAPPA 2.4 20V	Petrol	129	838A2.000		09/96 > 10/01		DAN641	14	120
KAPPA 2.4 JTD	Diesel	100	838 A8.000	MTM	06/98 > 12/00		DAN502	14	120
KAPPA 2.4 JTD	Diesel	100	838A8.000	MTM	06/98 > 05/01		DAN502	14	120
KAPPA 2.4 JTD	Diesel	100	838A8.000	MTM	06/98 > 05/01		DAN641	14	120
KAPPA 2.4 JTD	Diesel	100	838 A8.000; 838A8.000	MTM	06/98 > 10/01		DAN502	14	120
KAPPA 2.4 JTD	Diesel	100	838A8.000	MTM	06/98 > 10/01		DAN641	14	120
KAPPA 2.4 T.DS	Diesel	91	838 A3.000; 838 A7.000	MTM	08/94 > 10/01		DAN502	14	120
KAPPA 2.4 T.DS	Diesel	91	838A3.000; 838A7.000	MTM	08/94 > 10/01	Ch No: 0597298>0597297	DAN502	14	120
KAPPA 2.4 T.DS	Diesel	91	838A3.000; 838A7.000	MTM	08/94 > 10/01	Ch No: 0597298>0597297	DAN641	14	120
KAPPA 2.4 T.DS	Diesel	91	838 A3.000; 838 A7.000	MTM	09/96 > 02/98		DAN502	14	120
KAPPA 2.4 T.DS	Diesel	91	838A7.000	MTM	09/96 > 02/98	Ch No: 0597298>0597297	DAN502	14	120
KAPPA 2.4 T.DS	Diesel	91	838A7.000	MTM	09/96 > 02/98	Ch No: 0597298>0597297	DAN641	14	120
LYBRA 1.8 16V	Petrol	96	839 A4.000; 839 A7.000; 839 A9.000; 839A4.000; 839A7.000	MTM	07/99 > 10/05		DAN502	14	120
LYBRA 1.8 16V	Petrol	96	839A4.000; 839A7.000	MTM	07/99 > 10/05		DAN641	14	120
LYBRA 1.9 JTD	Diesel	77	AR 32302	MTM	07/99 > 09/99	+ AC	DAN502	14	120
LYBRA 1.9 JTD	Diesel	77	AR32302	MTM	07/99 > 09/00	- AC	DAN502	14	120
LYBRA 1.9 JTD	Diesel	77	AR32302	MTM	07/99 > 09/00	+ AC	DAN502	14	120
LYBRA 1.9 JTD	Diesel	77	AR32302	MTM	07/99 > 09/00	- AC	DAN633	14	85
LYBRA 1.9 JTD	Diesel	77	AR32302	MTM	07/99 > 09/00	- AC	DAN641	14	120
LYBRA 1.9 JTD	Diesel	77	AR32302	MTM	07/99 > 09/00	+ AC	DAN641	14	120
LYBRA 1.9 JTD	Diesel	81	AR 37101		10/00 > 05/01		DAN502	14	120
LYBRA 1.9 JTD	Diesel	81	AR 37101	MTM	10/00 > 05/01		DAN501	14	105
LYBRA 1.9 JTD	Diesel	81	AR37101	MTM	11/00 > 05/01	- AC	DAN501	14	105
LYBRA 1.9 JTD	Diesel	85	937 A2.000		05/01 > 10/05		DAN502	14	120
LYBRA 1.9 JTD	Diesel	85	937 A2.000	MTM	05/01 > 10/05		DAN501	14	105
LYBRA 1.9 JTD	Diesel	85	937A2.000	MTM	05/01 > 10/05	- AC	DAN501	14	105
LYBRA 2.0 20V	Petrol	113	182B7.000		07/99 > 09/00	- AC	DAN518	14	100
LYBRA 2.0 20V	Petrol	110	185A8.000	MTM	10/00 > 10/05	- AC	DAN518	14	100
LYBRA 2.4 JTD	Diesel	99	839 A5.000; 839A5.000; AR 32501; AR32501	MTM	07/99 > 02/01		DAN502	14	120
LYBRA 2.4 JTD	Diesel	99	839A5.000; AR32501	MTM	07/99 > 02/01		DAN641	14	120
LYBRA 2.4 JTD	Diesel	103	839 A6.000		10/00 > 10/05		DAN502	14	120
LYBRA 2.4 JTD	Diesel	110	841 C.000		05/02 > 10/05		DAN502	14	120










									
LANCIA continued									
MUSA 1.3 D Multijet	Diesel	66	199 A3.000		09/06 >	+ AC, - Co	DAN1002	14	90
MUSA 1.3 D Multijet	Diesel	51	188 A9.000		10/07 >	+ AC, - Co	DAN1002	14	90
MUSA 1.4	Petrol	70	843 A 1.000		10/04 >		DAN519	14	90
MUSA 1.4	Petrol	70	843 A 1.000		10/04 >		DAN998	14	70
MUSA 1.4	Petrol	57	350 A1.000		09/09 >		DAN517	14	70
MUSA 1.6 D Multijet	Diesel	88	350A2.000	MTM	07/08 >	+ AC	DAN993	14	120
MUSA 1.6 D Multijet	Diesel	88	350A3.000	MTM	07/08 >	+ AC	DAN994	14	100
MUSA 1.9 D Multijet	Diesel	74	188B2.000	MTM	10/07 >	Ch No: >C10706, + AC	DAN501	14	105
PRISMA 2.0 i.e. 4WD	Petrol	85	828B1.000	MTM	04/86 > 12/89		DAN611	14	75
THEMA (86-94) 2000 i.e	Petrol	86	834B.000	MTM	09/88 > 10/89		DAN615	14	65
THEMA (86-94) 2000 i.e.	Petrol	85/88	834B.000; 834B1.000	MTM	11/84 > 05/92		DAN615	14	65
THEMA (86-94) 2000 i.e.	Petrol	83	834B1.000	MTM	06/87 > 09/88		DAN615	14	65
THEMA (86-94) 2000 i.e.Turbo	Petrol	110	834C1.146	MTM	07/86 > 05/90		DAN615	14	65
THESIS 2.0 Turbo	Petrol	136	841 E.000		07/02 > 07/09		DAN512	14	140
THESIS 2.4	Petrol	125	841 D.000		07/02 > 07/09		DAN512	14	140
Y 1.1	Petrol	40	176B2.000	MTM	11/95 > 08/00	- AC	DAN511	14	65
Y 1.1	Petrol	40	176B2.000	MTM	11/95 > 08/00	+ AC	DAN511	14	65
Y 1.2	Petrol	44	840A3.000		03/96 > 08/00	- AC	DAN511	14	65
Y 1.2	Petrol	44	840A3.000		03/96 > 08/00	+ AC	DAN511	14	65
Y 1.2	Petrol	44	840A3.000		03/96 > 08/00	+ PS	DAN630	14	65
Y 1.2 16V	Petrol	63	176B9.000	MTM	04/97 > 08/00	+ AC	DAN629	14	90
Y 1.4 12V	Petrol	55/59	840A2.000; 840A4.000	MTM	03/96 > 08/00	Eng No: >130749, + AC	DAN636	14	85
Y 1.4 12V	Petrol	55/59	840A2.000; 840A4.000	MTM	03/96 > 09/03	+ AC	DAN636	14	85
Y10 1.0 Fire	Petrol	33	156A2.246	MTM	03/85 > 02/92		DAN574	14	55
Y10 1.0 Fire 4WD	Petrol	33	156A2.246	MTM	12/87 > 02/92		DAN574	14	55
Y10 1.1 i.e	Petrol	42	156C.000		08/89 > 06/92		DAN574	14	55
Y10 1.1 i.e. Fire	Petrol	37	156 C.046		07/89 > 09/95		DAN610	14	55
Y10 1.1 i.e. Fire	Petrol	37	156C.046		07/89 > 09/95		DAN574	14	55
Y10 1.1 i.e. Fire 4WD	Petrol	37	156 C.046		09/92 > 12/95		DAN610	14	55
Y10 1.1 i.e. Fire 4WD	Petrol	37	156C.046	MTM	09/92 > 12/95		DAN574	14	55
Y10 1.1 i.e 4WD	Petrol	42	156C.000	MTM	08/89 > 06/92		DAN574	14	55
YPSILON (843) (03-11) 1.2	Petrol	44/59	188 A4.000; 188 A5.000		10/03 > 12/11		DAN1039	14	90
YPSILON (843) (03-11) 1.2	Petrol	44/59	188 A4.000; 188 A5.000		10/03 > 12/11		DAN519	14	90
YPSILON (843) (03-11) 1.2	Petrol	59	188A5.000	MTM	10/03 > 12/11		DAN992	14	70
YPSILON (843) (03-11) 1.3 D Multijet	Diesel	66/77	199 A3.000		09/06 > 12/11		DAN1003	14	70
YPSILON (843) (03-11) 1.4	Petrol	57	350 A1.000		02/06 > 12/11		DAN998	14	70
YPSILON (843) (03-11) 1.4 16V	Petrol	70	843 A 1.000		10/03 > 12/11		DAN519	14	90
YPSILON (843) (03-11) 1.4 16V	Petrol	70	843 A 1.000		10/03 > 12/11		DAN998	14	70
YPSILON (846) (11-) 0.9 Twinair	Petrol	63	312 A2.000		05/11 >	+ SS	DAN1078	14	105
LAND ROVER									
DEFENDER 2.5 90,110 TDI	Diesel	83	11L	MTM	09/90 > 03/98		DAN005	14	65
DEFENDER 2.5 90 TDI	Diesel	83	11L	MTM	01/95 >		DAN005	14	65
DEFENDER 2.5 Td5 4WD	Diesel	90	10 P; 14 P		06/98 >		DAN670	14	120
DEFENDER 2.5 Td5 4WD	Diesel	90	11L	MTM	06/98 >		DAN005	14	65
DEFENDER 3.9 V8	Petrol	136	37 L	ATM	11/98 >		DAN020	14	100
DISCOVERY I (89-98) 2.5 D 4x4	Diesel	90	17L-122; 19L-122		07/94 > 10/98	Ch No: >TA703236	DAN008	14	100
DISCOVERY I (89-98) 2.5 TDI	Diesel	83	17L(300); 19L(300)		10/89 > 10/98		DAN008	14	100
DISCOVERY I (89-98) 3.9 V8	Petrol	134	36D	MTM	09/93 > 06/94	Eng No: >49322	DAN020	14	100
DISCOVERY II (98-04) 2.5 D 4x4	Diesel	90	17L-122; 19L-122		07/94 > 12/98	Ch No: >TA703236	DAN008	14	100
DISCOVERY II (98-04) 2.5 Td5	Diesel	102	10 P		01/99 > 06/04		DAN670	14	120
DISCOVERY II (98-04) 2.5 TDI	Diesel	90	17L-122; 19L-122		10/95 >	Ch No: >TA703236	DAN008	14	100
DISCOVERY II (98-04) 2.5 TDI	Diesel	83	17L(300); 19L(300)		08/96 >		DAN008	14	100
DISCOVERY III (04-09) 2.7 TD	Diesel	140	DT17		11/04 > 09/09		DAN987	14	150
DISCOVERY III (04-09) 4.0 4x4	Petrol	161			02/05 > 09/09		DAN986	14	150
DISCOVERY III (04-09) 4.4	Petrol	220	M62B44-299	ATM	11/04 > 09/09		DAN991	14	150
FREELANDER (98-06) 1.8 16V	Petrol	86	18K4; 18K4FK	MTM	11/00 > 10/06	- AC	DAN673	14	90
FREELANDER (98-06) 1.8 i 16V	Petrol	88	18K4FK	MTM	02/98 > 08/00	- AC	DAN673	14	90
FREELANDER (98-06) 1.8 i 16V	Petrol	88	18K4FK	MTM	02/98 > 08/00	Ch No: >YA999999, + AC	DAN674	14	105
FREELANDER (98-06) 1.8 i 16V	Petrol	88	18K4FK	MTM	02/98 > 10/06	- AC	DAN673	14	90
RANGE ROVER II (94-02) 2.5 D	Diesel	83	14 L		08/94 > 03/02		DAN008	14	100
RANGE ROVER II (94-02) 3.9	Petrol	140	42D-190		07/94 > 02/02		DAN020	14	100
RANGE ROVER II (94-02) 3.9	Petrol	140	42 D		07/94 > 03/02		DAN016	14	120
RANGE ROVER II (94-02) 4.0	Petrol	136	42D-185		06/98 > 02/02	Ch No: VA346794>	DAN020	14	100
RANGE ROVER II (94-02) 4.0	Petrol	136			06/98 > 03/02		DAN016	14	120
RANGE ROVER II (94-02) 4.6	Petrol	160/165	46 D; 60 D		07/94 > 03/02		DAN016	14	120
RANGE ROVER II (94-02) 4.6	Petrol	160	46D-218		11/98 > 02/02		DAN020	14	100
RANGE ROVER III (02-) 3.6 TD 8	Diesel	200	368DT		04/06 >	Ch No: 7A000001>	DAN989	14	150
RANGE ROVER III (02-) 4.2	Petrol	291	428PS		05/05 >	Ch No: >8A133018	DAN991	14	150










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LAND ROVER <i>continued</i>									
RANGE ROVER III (02-) 4.4	Petrol	225	448PN		05/05 >	Ch No: >8A133018	DAN991	14	150
RANGE ROVER SPORT 2.7 TDVM	Diesel	140	DT17	ATM	06/05 >		DAN987	14	150
RANGE ROVER SPORT 2.7 TDVM	Diesel	140	DT17	ATM	06/05 >		DAN988	14	150
RANGE ROVER SPORT 3.6 TD 8	Diesel	200	368DT		04/06 >	Ch No: 7A000001>	DAN990	14	150
RANGE ROVER SPORT 4.2	Petrol	287	428PS		02/05 >	Ch No: >8A133018	DAN991	14	150
RANGE ROVER SPORT 4.4	Petrol	220	448PN		02/05 >	Ch No: >8A133018	DAN991	14	150
MAZDA									
3 (00-09) 1.6 Di Turbo	Diesel	80	MZ16CD/FAP; MZ16CD; MZR-CD 16/F	MTM	06/04 >		DAN930	14	150
3 (09-) 1.6 MZR-CD	Diesel	80	Y601		06/09 >		DAN930	14	150
MINI									
MINI (R50, R53) (01-07) One D	Diesel	55/65	1ND-TV	MTM	06/03 > 09/06	+ AC	DAN981	14	100
MINI (R50, R53) (01-07) One D	Diesel	55/65	1ND-TV	MTM	09/05 > 09/06		DAN981	14	100
NISSAN									
ALMERA (00-) 1.5	Petrol	66	QG15DE	MTM	03/00 >		DAN1031	14	80
ALMERA (00-) 1.5	Petrol	72	QG15DE	MTM	02/03 >		DAN1031	14	80
ALMERA (00-) 1.8	Petrol	84	QG18DE		02/00 >		DAN1031	14	80
ALMERA (00-) 1.8	Petrol	85	QG18DE		02/03 >		DAN1031	14	80
ALMERA (00-) 2.2 dCi	Diesel	82/100	YD22DDTi; YD22DDTi-112	MTM	09/03 >		DAN1030	14	100
ALMERA (00-) 2.2 Di	Diesel	81	YD22-110	MTM	03/00 >		DAN1030	14	100
ALMERA TINO (00-) 1.8	Petrol	84	QG18DE	MTM	08/00 >		DAN1031	14	80
ALMERA TINO (00-) 1.8	Petrol	85	QG18DE		02/03 >		DAN1031	14	80
ALMERA TINO (00-) 2.2 dCi	Diesel	82/100	YD22DDTi; YD22DDTi-114	MTM	09/03 >		DAN1030	14	100
ALMERA TINO (00-) 2.2 Di	Diesel	84	YD22DDTi-114	MTM	08/00 >		DAN1030	14	100
PRIMERA (96-02) 1.6 16V	Petrol	73/78	GA16DEB	MTM	12/00 > 12/01		DAN1031	14	80
PRIMERA (96-02) 1.6 16V	Petrol	73	GA16DEB	MTM	12/00 > 02/02		DAN1031	14	80
PRIMERA (96-02) 1.8 16V	Petrol	84	QG18DE	MTM	04/00 > 02/02		DAN1031	14	80
OPEL									
AGILA (00-07) 1.3 CDTI	Diesel	51	Z13DT		08/03 > 12/07		DAN1032	14	70
AGILA (00-07) 1.3 CDTI	Diesel	51	Z13DT		08/03 > 12/07		DAN583	14	70
AGILA (00-07) 1.3 CDTI	Diesel	51	Z13DT		08/03 > 12/07		DAN584	14	105
AGILA (00-07) 1.3 CDTI	Diesel	51	Z13DT		08/03 > 12/07		DAN585	14	120
AGILA (00-07) 1.3 CDTI	Diesel	51	Z13DT	MTM	08/03 > 12/07		DAN506	14	120
AGILA (08-) 1.3 CDTI	Diesel	55	D13A; Z13DTJ		05/08 >		DAN583	14	70
AGILA (08-) 1.3 CDTI	Diesel	55	D13A; Z13DTJ		05/08 >		DAN584	14	105
AGILA (08-) 1.3 CDTI	Diesel	55	D13A; Z13DTJ		05/08 >		DAN585	14	120
ASTRA H (04-) 1.3 CDTI	Diesel	66	Z13DTH		04/05 >		DAN1032	14	70
ASTRA H (04-) 1.3 CDTI	Diesel	66	Z13DTH		08/05 >		DAN583	14	70
ASTRA H (04-) 1.3 CDTI	Diesel	66	Z13DTH		08/05 >		DAN584	14	105
ASTRA H (04-) 1.3 CDTI	Diesel	66	Z13DTH		08/05 >		DAN585	14	120
ASTRA H (04-) 1.3 CDTI	Diesel	66	Z13DTH	MTM	08/05 >		DAN506	14	120
ASTRA H (04-) 1.6	Petrol	77	Z16XE1; Z16XEP	MTM	10/05 >		DAN509	14	130
ASTRA H (04-) 1.6	Petrol	85	Z16XER		02/07 >		DAN509	14	130
ASTRA H (04-) 1.6 Turbo	Petrol	132	Z16LET	MTM	02/07 >		DAN509	14	130
ASTRA H (04-) 1.9 CDTI	Diesel	88	Z19DT		09/05 >		DAN509	14	130
ASTRA H (04-) 1.9 CDTI	Diesel	88	Z19DT		09/05 >		DAN510	14	105
ASTRA H (04-) 1.9 CDTI	Diesel	88	Z19DT	MTM	09/05 >		DAN509	14	130
ASTRA H (04-) 1.9 CDTI	Diesel	88	Z19DT	MTM	09/05 >		DAN510	14	105
ASTRA H (04-) 1.9 CDTI	Diesel	110	Z19DTH	MTM	12/05 >		DAN509	14	130
ASTRA H (04-) 1.9 CDTI	Diesel	88	Z19DTJ	ATM	11/06 >		DAN506	14	120
ASTRA H (04-) 1.9 CDTI 16V	Diesel	88	Z19DT		09/05 >		DAN509	14	130
ASTRA H (04-) 1.9 CDTI 16V	Diesel	88	Z19DT		09/05 >		DAN510	14	105
ASTRA H (04-) 1.9 CDTI 16V	Diesel	88	Z19DT	MTM	09/05 >		DAN509	14	130
ASTRA H (04-) 1.9 CDTI 16V	Diesel	88	Z19DT	MTM	09/05 >		DAN510	14	105
ASTRA H (04-) 1.9 CDTI 16V	Diesel	88	Z19DTJ	ATM	11/06 >		DAN506	14	120
COMBO (01-) 1.3 CDTI 16V	Diesel	51/55	Y13DT; Z13DT; Z13DTJ		10/04 >		DAN1032	14	70
COMBO (01-) 1.3 CDTI 16V	Diesel	51/55	Y13DT; Z13DT; Z13DTJ	MTM	10/04 >		DAN506	14	120
COMBO (01-) 1.3 CDTI 16V	Diesel	55	Z13DTJ		10/05 >		DAN1034	14	120
COMBO (01-) 1.3 CDTI 16V	Diesel	55	Y13DT; Z13DTJ	MTM	11/05 >		DAN506	14	120
CORSA C (00-) 1.3 CDTI	Diesel	51	Z13DT		06/03 >		DAN1033	14	105
CORSA C (00-) 1.3 CDTI	Diesel	51	Z13DT		07/03 >		DAN583	14	70
CORSA C (00-) 1.3 CDTI	Diesel	51	Z13DT		07/03 >		DAN584	14	105
CORSA C (00-) 1.3 CDTI	Diesel	51	Z13DT		07/03 >		DAN585	14	120
CORSA C (00-) 1.3 CDTI 16V	Diesel	51	Z13DT		08/05 >		DAN1033	14	105
CORSA C (00-) 1.3 CDTI 16V	Diesel	51	Z13DT		08/05 >		DAN583	14	70
CORSA C (00-) 1.3 CDTI 16V	Diesel	51	Z13DT		08/05 >		DAN584	14	105
CORSA C (00-) 1.3 CDTI 16V	Diesel	51	Z13DT		08/05 >		DAN585	14	120

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OPEL continued									
CORSA D (06-) 1.3 CDTI	Diesel	55/66/70	A13DTC; A13DTR; Z13DTE; Z13DTH; Z13DTJ; Z13DTR		07/06 >		DAN1033	14	105
CORSA D (06-) 1.3 CDTI	Diesel	55/66	A13DTC; Z13DTH; Z13DTJ		08/06 >		DAN583	14	70
CORSA D (06-) 1.3 CDTI	Diesel	55/66	A13DTC; Z13DTH; Z13DTJ		08/06 >		DAN584	14	105
CORSA D (06-) 1.3 CDTI	Diesel	55/66	A13DTC; Z13DTH; Z13DTJ		08/06 >		DAN585	14	120
MERIVA (03-) 1.3 CDTI	Diesel	51	Y13DT; Z13DT		04/05 > 05/10		DAN1034	14	120
MERIVA (03-) 1.3 CDTI	Diesel	51	Y13DT; Z13DT		04/05 > 05/10		DAN583	14	70
MERIVA (03-) 1.3 CDTI	Diesel	51	Y13DT; Z13DT		04/05 > 05/10		DAN584	14	105
MERIVA (03-) 1.3 CDTI	Diesel	51	Y13DT; Z13DT		04/05 > 05/10		DAN585	14	120
MERIVA (10-) 1.3 CDTI	Diesel	55/70	A13DTC; A13DTE		06/10 >		DAN1033	14	105
MERIVA (03-) 1.6	Petrol	77	Z16XEP		01/06 > 05/10		DAN1032	14	70
SIGNUM 1.9 CDTI	Diesel	110	Z19DTH		04/04 >		DAN506	14	120
SIGNUM 1.9 CDTI	Diesel	110	Z19DTH		04/04 >		DAN509	14	130
SIGNUM 1.9 CDTI	Diesel	110	Z19DTH		04/04 >		DAN510	14	105
SIGNUM 1.9 CDTI	Diesel	88	Z19DT	MTM	04/04 >		DAN506	14	120
SIGNUM 1.9 CDTI	Diesel	88	Z19DT	MTM	04/04 >		DAN509	14	130
SIGNUM 1.9 CDTI	Diesel	88	Z19DT	MTM	04/04 >		DAN510	14	105
SIGNUM 1.9 CDTI	Diesel	74	Z19DTL	MTM	10/05 >		DAN506	14	120
SIGNUM 1.9 CDTI	Diesel	74	Z19DTL	MTM	10/05 >		DAN509	14	130
SIGNUM 1.9 CDTI	Diesel	74	Z19DTL	MTM	10/05 >		DAN510	14	105
TIGRA 1.3 CDTI	Diesel	51	Z13DT		06/04 >		DAN1033	14	105
VECTRA C (02-) 1.9 CDTI	Diesel	110	Z19DTH		04/04 >		DAN506	14	120
VECTRA C (02-) 1.9 CDTI	Diesel	110	Z19DTH		04/04 >		DAN509	14	130
VECTRA C (02-) 1.9 CDTI	Diesel	110	Z19DTH		04/04 >		DAN510	14	105
VECTRA C (02-) 1.9 CDTI	Diesel	74/88	Z19DT; Z19DTL	MTM	04/04 >		DAN506	14	120
VECTRA C (02-) 1.9 CDTI	Diesel	74/88	Z19DT; Z19DTL	MTM	04/04 >		DAN509	14	130
VECTRA C (02-) 1.9 CDTI	Diesel	74/88	Z19DT; Z19DTL	MTM	04/04 >		DAN510	14	105
ZAFIRA (05-) 1.9 CDTI	Diesel	110	Z19DTH		07/08 >	Ch No: >7G150345	DAN506	14	120
ZAFIRA (05-) 1.9 CDTI	Diesel	110	Z19DTH		07/08 >	Ch No: >7G150345	DAN510	14	105
ZAFIRA (05-) 1.9 CDTI	Diesel	74	Z19DTL	MTM	07/08 >	Ch No: >7G150345	DAN506	14	120
ZAFIRA (05-) 1.9 CDTI	Diesel	74	Z19DTL	MTM	07/08 >	Ch No: >7G150345	DAN509	14	130
ZAFIRA (05-) 1.9 CDTI	Diesel	74	Z19DTL	MTM	07/08 >	Ch No: >7G150345	DAN510	14	105
ZAFIRA (05-) 1.9 CDTI	Diesel	88	Z19DT		07/08 >	Ch No: >7G1500345	DAN506	14	120
ZAFIRA (05-) 1.9 CDTI	Diesel	88	Z19DT		07/08 >	Ch No: >7G150345	DAN506	14	120
ZAFIRA (05-) 1.9 CDTI	Diesel	88	Z19DT		07/08 >	Ch No: >7G1500345	DAN509	14	130
ZAFIRA (05-) 1.9 CDTI	Diesel	88	Z19DT		07/08 >	Ch No: >7G1500345	DAN510	14	105
ZAFIRA (05-) 1.9 CDTI	Diesel	88	Z19DT		07/08 >	Ch No: >7G150345	DAN510	14	105
ZAFIRA (05-) 1.9 CDTI	Diesel	88/110	Z19DT; Z19DTH		07/08 >	Ch No: >7G150345	DAN509	14	130
PEUGEOT									
106 (96-) 1.0 i	Petrol	33/37	CDY (TU9M); CDZ (TU9M)		05/96 > 07/03	VA, + LS	DAN1063	14	80
106 (96-) 1.1	CNG	42			09/00 > 10/02	VA, + LS	DAN1063	14	80
106 (96-) 1.1 i	Petrol	40/44	HDY (TU1M); HDZ (TU1M); HFX (TU1JP)		05/96 > 07/03	VA, + LS	DAN1063	14	80
106 (96-) 1.4 i	Petrol	55	KFW (TU3JP); KFX (TU3JP)		05/96 > 07/03	VA, + LS	DAN1063	14	80
106 (96-) 1.6 i	Petrol	65/74	NFW (TU5J2); NFY (TU5J2); NFZ (TU5JP)		05/96 > 07/03	VA, + LS	DAN1063	14	80
106 (96-) 1.6 S16	Petrol	87	NFX (TU5J4)		05/96 > 07/03	VA, + LS	DAN1063	14	80
107 1.0	Petrol	50	1KR (384 F)		06/05 >		DAN1035	14	70
107 1.0	Petrol	50	1KR (384 F)		06/05 >	+ Co; + Ho	DAN1036	14	80
206 (98-) 1.6 16V	Petrol	80	TU5JP4(NFU)		02/01 >		DAN1010	14	90
207 1.4	Petrol	53	TU3A(KFV)	MTM	03/06 >	- AC	DAN1010	14	90
207 1.4	Petrol	54	TU3A(KFV)	MTM	10/07 >	+ AC	DAN1010	14	90
207 1.4 16V	Petrol	65	ET3J4(KFU)	MTM	03/06 >	- AC	DAN1010	14	90
207 1.6 16V	Petrol	80	TU5JP4(NFU)		03/06 >		DAN1010	14	90
208 1.0	Petrol	50	EB0		03/12 >	- AC	DAN1071	14	90
208 1.2	Petrol	60	EB2		03/12 >	- AC	DAN1071	14	90
306 1.4	Petrol	55	KFW (TU3JP); KFX (TU3JP)		12/00 > 07/01	VA	DAN1063	14	80
306 1.4 SL	Petrol	55	KFW (TU3JP); KFX (TU3JP)		12/00 > 05/01	VA	DAN1063	14	80
306 1.6	Petrol	66/72	NFT		12/00 > 05/01	VA	DAN1063	14	80
307 1.4	Petrol	55	TU3JP(K6D)	MTM	09/01 >	- AC	DAN1010	14	90
307 1.4	Petrol	55	TU3JP(KFW)	MTM	09/01 >	+ AC	DAN1010	14	90
307 1.4	Petrol	55	TU3JP(KFW)	MTM	04/02 > 09/03		DAN1010	14	90
307 1.4 16V	Petrol	65	ET3J4(KFU)	MTM	11/03 >		DAN1010	14	90
307 1.6 16V	Petrol	80	TU5JP4(NFU)		03/01 >	+ AC	DAN1010	14	90
307 1.6 16V	Petrol	80	NFU (TU5JP4)		04/02 >		DAN515	14	90
307 1.6 16V	Petrol	80	TU5JP4(NFU)	MTM	04/02 >	+ AC	DAN1010	14	90
307 1.6 16V	Petrol	80	TU5JP4(NFU)		06/05 >	+ AC	DAN1010	14	90
307 1.6 16V	Petrol	80	TU5JP4(NFU)	MTM	06/05 >	+ AC	DAN1010	14	90

									
PEUGEOT <i>continued</i>									
307 1.6 BioFlex	Flexfuel	80	TU5JP4(NFU)	MTM	09/07 >		DAN1010	14	90
1007 1.4	Petrol	54	TU3JP(KFV)	MTM	04/05 >		DAN1010	14	90
1007 1.4 16V	Petrol	65	ET3J4(KFU)	MTM	01/06 >		DAN1010	14	90
1007 1.6 16V	Petrol	80	TU5JP4(NFU)	MTM	04/05 >	+ AC	DAN1010	14	90
PARTNER (96-) 1.1	Petrol	44	HDZ (TU1M); HFX (TU1JP)		06/96 >	VA, + LS	DAN1063	14	80
PARTNER (96-) 1.4	Petrol	48/54/55	KFV (TU3JP); KFW (TU3JP); KFX (TU3JP)		06/96 >	VA, + LS	DAN1063	14	80
PARTNER (96-) 1.4 BiFuel	Bi-Fuel	55	KFW (TU3JP)		04/03 >	VA, + LS	DAN1063	14	80
PARTNER (96-) 1.6	Petrol	80	NFU (TU5JP4)		09/00 > 10/02	VA	DAN1063	14	80
PARTNER (96-) 1.6 16V	Petrol	80	NFU (TU5JP4)		07/01 >	VA	DAN1063	14	80
PARTNER (96-) 1.6 Flexfuel	Flexfuel	80	NFU (TU5JP4)		09/00 >	VA	DAN1063	14	80
SAAB									
9-3 (02-) 1.9 TiD	Diesel	110	Z 19 DTH		09/04 >		DAN1009	14	130
9-3 (02-) 1.9 TiD	Diesel	110	Z 19 DTH		09/04 >		DAN509	14	130
9-3 (02-) 1.9 TiD	Diesel	88	Z 19 DT	MTM	09/04 >		DAN1009	14	130
9-3 (02-) 1.9 TiD	Diesel	88	Z 19 DT	MTM	09/04 >		DAN509	14	130
9-3 (02-) 1.9 TiD	Diesel	110	Z 19 DTH		06/05 >		DAN1009	14	130
9-3 (02-) 1.9 TiD	Diesel	110	Z 19 DTH		06/05 >		DAN509	14	130
9-3 (02-) 1.9 TiD	Diesel	88	Z 19 DTJ	MTM	06/05 >		DAN1009	14	130
9-3 (02-) 1.9 TiD	Diesel	88	Z 19 DTJ	MTM	06/05 >		DAN509	14	130
9-3 (02-) 1.9 TiD	Diesel	110	Z19DTH		02/06 >		DAN1009	14	130
9-5 (97-) 1.9 TiD	Diesel	110	Z19DTH		01/06 >		DAN1009	14	130
SEAT									
FURA 0.9	Petrol	31	100GL	MTM	01/82 > 06/86		DAN645	14	55
FURA 0.9	Petrol	29	100GL	MTM	03/84 > 10/86		DAN645	14	55
IBIZA I (84-93) 0.9	Petrol	32	100GL.000	MTM	08/86 > 01/93		DAN645	14	55
IBIZA I (84-93) 0.9	Petrol	29	146A.000		08/90 > 06/91		DAN645	14	55
MARBELLA 0.8	Petrol	25	08NCA	MTM	08/86 > 12/93		DAN645	14	55
MARBELLA 0.9	Petrol	29	09NCA; 09NCB	MTM	01/87 > 12/93		DAN645	14	55
MARBELLA 0.9 CAT	Petrol	29/30	09NCA; 09NCB; 1170A	MTM	01/87 > 10/98		DAN645	14	55
PANDA 0.9	Petrol	31	100GL		10/80 > 12/86		DAN645	14	55
TERRA 0.9	Petrol	29	09NCB	MTM	01/87 > 12/95		DAN645	14	55
TERRA 0.9 CAT	Petrol	29	09NCB	MTM	01/90 > 12/95		DAN645	14	55
SMART									
CABRIO 0.6	Petrol	40	M 160.920; M 160 E6AL B03		03/00 > 01/03		DAN521	14	75
CABRIO 0.6	Petrol	45	M 160.920; M 160 E6AL B05		01/01 > 01/04		DAN521	14	75
CABRIO 0.7	Petrol	45/55	M 160.910		01/03 > 01/04		DAN521	14	75
CABRIO 0.8 CDI	Diesel	30	OM 660.940; OM 660 DE 8LA		03/01 > 01/04		DAN648	14	75
CABRIO 0.8 CDI	Diesel	30	OM 660.940; OM 660 DE 8LA		03/02 > 01/04		DAN521	14	75
CITY-COUPÉ 0.6	Petrol	33/40	M 160 E6AL B03; M 160 E6AL B04; M 160.920		07/98 > 01/04		DAN648	14	75
CITY-COUPÉ 0.6	Petrol	40	M 160.920; M 160 E6AL B03		08/98 > 01/03		DAN521	14	75
CITY-COUPÉ 0.6	Petrol	33	M 160.920; M 160 E6AL B04		01/01 > 01/03		DAN521	14	75
CITY-COUPÉ 0.6	Petrol	45	M 160.920; M 160 E6AL B05		01/01 > 01/03		DAN521	14	75
CITY-COUPÉ 0.8 CDI	Diesel	30	OM 660.940; OM 660 DE 8LA		11/99 > 01/04		DAN648	14	75
FORTWO (04-07) 0.7	Petrol	45/55	M 160.910		01/04 > 01/07		DAN521	14	75
FORTWO (04-07) 0.8 CDI	Diesel	30	OM 660.940; OM 660 DE 8LA		01/04 > 01/07		DAN521	14	75
FORTWO (04-07) 0.8 CDI	Diesel	30	OM 660.940; OM 660 DE 8LA		01/04 > 01/07		DAN648	14	75
ROADSTER 0.7	Petrol	45/60			04/03 > 11/05		DAN521	14	75
ROADSTER 0.7 Brabus	Petrol	74	M 160.923		12/03 > 11/05		DAN521	14	75
SUZUKI									
GRAND VITARA (98-06) 2.0 HDI 110 16V	Diesel	80	RHZ	MTM	06/03 > 07/03		DAN1006	14	85
IGNIS (00-05) 1.3	Petrol	61	M13A		10/00 > 08/03		DAN1007	14	75
IGNIS (00-05) 1.3 4WD	Petrol	61	M13A		10/00 > 08/03		DAN1007	14	75
IGNIS (03-) 1.5	Petrol	73	M15A		09/03 >		DAN1007	14	75
JIMNY 1.3 16V	Petrol	59	G13BB-E6		09/98 >		DAN1008	14	60
JIMNY 1.3 16V	Petrol	60	M13A		04/02 >		DAN1007	14	75
JIMNY 1.3 16V 4WD	Petrol	59	G13BB-E6		09/98 >		DAN1008	14	60
JIMNY 1.3 16V 4WD	Petrol	60	M13A		04/02 >		DAN1007	14	75
JIMNY 1.3 16V 4x4	Petrol	63	M13A	MTM	08/05 >		DAN1007	14	75
JIMNY 1.3 4x4	Petrol	65	M13A	MTM	04/02 > 08/02		DAN1007	14	75
JIMNY 1.5 DDiS 4WD	Diesel	48	K9K		02/04 >		DAN1007	14	75
JIMNY 1.5 DDiS 4x4	Diesel	63	K9K.2.66		10/05 >		DAN1007	14	75
LIANA 1.3	Petrol	66	M13A	MTM	07/01 >		DAN1007	14	75
LIANA 1.6	Petrol	76/79	M16A		07/01 > 12/07		DAN1007	14	75
LIANA 1.6 4WD	Petrol	76	M16A	MTM	07/01 > 12/07		DAN1007	14	75
LIANA 1.6 4WD	Petrol	78	M16A		09/02 > 12/07		DAN1007	14	75

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SUZUKI <i>continued</i>									
LIANA 1.6 4WD	Petrol	79	M16A		01/05 > 12/07		DAN1007	14	75
LIANA 1.6 i	Petrol	78	M16A		09/02 > 12/07		DAN1007	14	75
SX4 1.9 DDiS	Diesel	88	D19AA		06/06 >		DAN1062	14	140
SX4 1.9 DDiS 4x4	Diesel	88	D19AA		06/06 >		DAN1062	14	140
TOYOTA									
AURIS (06-12) 1.33 Dual-VVTi	Petrol	73/74	1NR-FE		05/09 >		DAN1012	14	100
AURIS (06-12) 1.33 Dual-VVTi	Petrol	73/74	1NR-FE		05/09 >		DAN1042	14	80
AURIS (06-12) 1.33 Dual-VVTi	Petrol	74	1NR-FE		05/09 >		DAN1015	14	100
AURIS (06-12) 1.4 D-4D	Diesel	66	1ND-TV		03/07 >		DAN1018	14	100
AURIS (06-12) 1.4 VVTi	Petrol	71	4ZZ-FE		03/07 >		DAN1021	14	90
AURIS (06-12) 1.6	Petrol	97	1ZR-FAE		05/09 >	+ Co, EU, LHD	DAN1011	14	100
AURIS (06-12) 1.6	Petrol	97	1ZR-FAE		05/09 >	EU	DAN1057	14	90
AURIS (06-12) 1.6 VVTi	Petrol	91	1ZR-FE		03/07 > 02/09	+ Co, EU	DAN1019	14	100
AURIS (06-12) 1.6 VVTi	Petrol	91	1ZR-FE		03/07 > 02/09	EU	DAN1061	14	90
AURIS (06-12) 1.6 VVTi	Petrol	91	1ZR-FE		09/09 >	EU	DAN1019	14	100
AURIS (06-12) 1.8	Petrol	106/108	2ZR-FAE		02/09 >	+ Co, EU, LHD	DAN1011	14	100
AURIS (06-12) 1.8	Petrol	106/108	2ZR-FAE		02/09 >	EU	DAN1057	14	90
AURIS (06-12) 1.8 4WD	Petrol	100	2ZR-FAE		02/09 >	+ Co, EU, LHD	DAN1011	14	100
AURIS (06-12) 1.8 4WD	Petrol	100	2ZR-FAE		02/09 >	EU	DAN1057	14	90
AURIS (06-12) 2.0 D-4D	Diesel	93	1AD-FTV		03/07 >		DAN938	14	100
AURIS (06-12) 2.2 D	Diesel	130	2AD-FHV		03/07 >		DAN938	14	100
AVENSIS (09-) 1.6	Petrol	97	1ZR-FAE		02/09 >		DAN1011	14	100
AVENSIS (09-) 1.8	Petrol	108	2ZR-FAE		02/09 >		DAN1011	14	100
AVENSIS (97-03) 1.9 D	Diesel	85	1CD-FTV		09/02 > 02/03		DAN939	14	120
AVENSIS (09-) 2.0	Petrol	112	3ZR-FAE		02/09 >		DAN1011	14	100
AVENSIS (97-03) 2.0 D-4D	Diesel	81	1CD-FTV		10/99 > 02/03		DAN939	14	120
AVENSIS (03-08) 2.0 D-4D	Diesel	85	1CD-FTV		04/03 > 11/08		DAN940	14	90
AVENSIS (03-08) 2.0 D-4D	Diesel	85	1CD-FTV		04/03 > 11/08		DAN941	14	100
AVENSIS (03-08) 2.0 D-4D	Diesel	93	1AD-FTV		03/06 > 11/08		DAN938	14	100
AVENSIS (09-) 2.0 D-4D	Diesel	93	1AD-FTV		02/09 >		DAN1013	14	130
AVENSIS (09-) 2.0 D-4D	Diesel	93	1AD-FTV		02/09 >		DAN1045	14	100
AVENSIS (09-) 2.0 D-4D	Diesel	93	1AD-FTV		02/09 >		DAN938	14	100
AVENSIS (03-08) 2.2 D-4D	Diesel	110	2AD-FTV		10/05 > 11/08		DAN938	14	100
AVENSIS (09-) 2.2 D-4D	Diesel	110/130	2AD-FHV; 2AD-FTV		02/09 >		DAN1013	14	130
AVENSIS (09-) 2.2 D-4D	Diesel	110/130	2AD-FHV; 2AD-FTV		02/09 >		DAN1045	14	100
AVENSIS (09-) 2.2 D-4D	Diesel	110/130	2AD-FHV; 2AD-FTV		02/09 >		DAN938	14	100
AVENSIS (03-08) 2.2 D-CAT	Diesel	130	2AD-FHV		07/05 > 11/08		DAN938	14	100
AVENSIS VERSO 2.0 VVT-i	Petrol	110	1AZ-FE		11/03 > 11/09		DAN952	14	100
AYGO 1.0	Petrol	50	1KR-FE		07/05 >		DAN1035	14	70
AYGO 1.0	Petrol	50	1KR-FE		07/05 >	+ Co; + Ho	DAN1036	14	80
CAMRY (91-97) 2.2	Petrol	100	5S-FE		06/91 > 08/96		DAN953	14	70
CARINA E (92-97) 2.0	Petrol	98	3S-FE		01/93 > 09/97		DAN953	14	70
CARINA E (92-97) 2.0 GLI	Petrol	98	3S-FE		04/92 > 09/97		DAN953	14	70
CARINA E (92-97) 2.0 GTi	Petrol	116	3S-GE		04/92 > 02/94		DAN953	14	70
CELICA (99-05) 1.8 16V TS	Petrol	141	2ZZ-GE		08/00 > 09/05		DAN944	14	80
CELICA (99-05) 1.8 16V VT-i	Petrol	105	1ZZ-FE		08/99 > 07/05		DAN942	14	80
COROLLA (97-)	Petrol	63	4EFE		05/97 > 09/99		DAN939	14	120
COROLLA (97-) 1.4	Petrol	63	4E-FE		05/97 > 09/99		DAN939	14	120
COROLLA (97-) 1.4	Petrol	71	4ZZ-FE	MTM	02/00 > 10/01	JPN	DAN943	14	70
COROLLA (97-) 1.4 16V	Petrol	71	4ZZ-FE	5MTM	02/00 > 10/01		DAN943	14	70
COROLLA (01-07) 1.4 VVT-i	Petrol	71	4ZZ-FE		01/02 > 10/06	JPN	DAN942	14	80
COROLLA (01-07) 1.4 VVT-i	Petrol	71	4ZZ-FE	5MTM	01/02 > 10/06	JPN	DAN943	14	70
COROLLA (97-) 1.6	Petrol	81	3ZZ-FE	MTM	02/00 > 10/01	JPN	DAN943	14	70
COROLLA (06-) 1.6	Petrol	97	1ZR-FAE		01/09 >	ZAF	DAN1057	14	90
COROLLA (97-) 1.6 16V	Petrol	81	3ZZ-FE	5MTM	02/00 > 10/01		DAN943	14	70
COROLLA (06-) 1.6 Dual VVTi	Petrol	91	1ZR-FE		02/08 > 01/09	ZAF	DAN1061	14	90
COROLLA (01-07) 1.6 VVT-i	Petrol	81	3ZZ-FE		01/02 > 10/06	JPN	DAN942	14	80
COROLLA (01-07) 1.6 VVT-i	Petrol	81	3ZZ-FE	5MTM	01/02 > 10/06	JPN	DAN943	14	70
COROLLA (97-) 2.0 D4d	Diesel	85	1CD-FTV		04/97 > 10/01		DAN941	14	100
COROLLA (97-) 2.0 D4d	Diesel	85	1CD-FTV		06/04 > 12/01		DAN945	14	130
COROLLA (01-07) 2.0 D4d	Diesel	85	1CD-FTV		06/04 > 07/07		DAN945	14	130
COROLLA (97-) 2.0 D-4D	Diesel	66	1CD-FTV		09/00 > 01/02		DAN939	14	120
COROLLA (01-07) 2.0 D-4D	Diesel	66	1CD-FTV		01/02 > 02/07	RHD	DAN945	14	130
COROLLA (01-07) 2.0 D-4D	Diesel	66/81/85	1CD-FTV		01/02 > 02/07		DAN945	14	130
COROLLA (01-07) 2.0 D-4D	Diesel	81/85	1CD-FTV		01/02 > 02/07		DAN941	14	100
COROLLA (01-07) 2.0 D-4D	Diesel	66	1CD-FTV		08/02 > 07/07	RHD	DAN941	14	100
COROLLA (04-09) 2.0 D-4D	Diesel	85	1CD-FTV		04/04 > 03/09		DAN941	14	100
COROLLA (97-) 2.0 D4d GS	Diesel	81	1CD-FTV		08/00 > 10/01		DAN939	14	120

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TOYOTA continued									
COROLLA (04-09) 2.2 D-4D	Diesel	100/130	2AD-FHV; 2AD-FTV		10/05 > 03/09		DAN938	14	100
COROLLA VERSO (01-) 1.6 VVT-i	Petrol	81	3ZZ-FE		01/02 > 01/04		DAN948	14	80
COROLLA VERSO (01-) 1.8 VVT-i	Petrol	99	1ZZ-FE		01/02 > 01/04		DAN948	14	80
COROLLA VERSO (01-) 2.0 D-4D	Diesel	66	1CD-FTV		01/02 > 05/04		DAN945	14	130
MR 2 (00-05) 1.8 16V VT-i	Petrol	103	1ZZ-FE		04/00 > 09/05		DAN948	14	80
MR 2 (89-00) 2.0 16V	Petrol	115	3S-GE		12/89 > 11/93		DAN960	14	70
PREVIA (00-06) 2.4 16V	Petrol	115	2AZ-FE		04/04 > 01/06		DAN952	14	100
RAV 4 I (94-00)	Petrol	94	3SFE		04/94 > 04/00		DAN954	14	80
RAV 4 I (94-00)	Petrol	94	3SFE		04/94 > 04/00		DAN955	14	80
RAV 4 I (94-00) 2.0 16V 4WD	Petrol	95	3S-FE		06/94 > 06/00		DAN953	14	70
RAV 4 I (94-00) 2.0 16V 4WD	Petrol	95	3S-FE		11/95 > 09/97		DAN954	14	80
RAV 4 I (94-00) 2.0 16V 4WD	Petrol	95	3S-FE		10/97 > 06/00		DAN955	14	80
RAV 4 I (94-00) 2.0 16V 4WD	Petrol	94	3S-FE		12/97 > 06/00		DAN955	14	80
RAV 4 I (94-00) 2.0 4WD	Petrol	99	3S-FE		01/94 > 09/99		DAN955	14	80
RAV 4 II (00-06) 1.8 VVTi	Petrol	92	1ZZ-FE		02/01 > 11/05		DAN949	14	90
RAV 4 II (00-06) 2.0 VVTi 4WD	Petrol	110	1AZ-FE		06/00 > 11/05		DAN951	14	90
RAV 4 II (00-06) 2.4 VVTi 4WD	Petrol	112	2AZ-FE	ATM	08/03 > 11/05		DAN952	14	100
RAV 4 II (00-06) 2.4 VVTi 4WD	Petrol	112	2AZ-FE	MTM	08/03 > 11/05		DAN951	14	90
VERSO 1.6	Petrol	97	1ZR-FAE		04/09 >		DAN1011	14	100
VERSO 1.8	Petrol	108	2ZR-FAE		04/09 >		DAN1011	14	100
VERSO 2.0 D-4D	Diesel	93	1AD-FTV		04/09 >		DAN1013	14	130
VERSO 2.0 D-4D	Diesel	93	1AD-FTV		04/09 >		DAN938	14	100
VERSO 2.2 D-4D	Diesel	110	2AD-FHV		04/09 >		DAN1013	14	130
VERSO 2.2 D-4D	Diesel	110	2AD-FHV		04/09 >		DAN938	14	100
VERSO 2.2 D-CAT	Diesel	130	2AD-FHV		04/09 >		DAN1013	14	130
YARIS (99-05) 1.0 16V	Petrol	50	1SZ-FE		04/99 > 09/05	- PS, FRA	DAN960	14	70
YARIS (99-05) 1.0 16V	Petrol	50	1SZ-FE		04/99 > 09/05	JPN	DAN961	14	90
YARIS (99-05) 1.0 16V	Petrol	50	1SZ-FE		04/99 > 09/05	- PS, JPN	DAN962	14	70
YARIS (99-05) 1.0 16V	Petrol	50	1SZ-FE		04/99 > 09/05	+ PS, JPN	DAN964	14	70
YARIS (99-05) 1.0 16V	Petrol	48	1SZ-FE		04/03 > 09/05	- PS, FRA	DAN960	14	70
YARIS (99-05) 1.0 16V	Petrol	48	1SZ-FE		04/03 > 09/05	JPN	DAN961	14	90
YARIS (99-05) 1.0 16V	Petrol	48	1SZ-FE		04/03 > 09/05	- PS, JPN	DAN962	14	70
YARIS (99-05) 1.0 16V	Petrol	48	1SZ-FE		04/03 > 09/05	+ PS, JPN	DAN964	14	70
YARIS (05-) 1.0 VVT-i	Petrol	51	1KR-FE		01/06 >		DAN1017	14	100
YARIS (05-) 1.0 VVT-i	Petrol	51	1KR-FE		01/06 >		DAN1020	14	80
YARIS (99-05) 1.3	Petrol	64	2SZ-FE		05/02 > 09/05		DAN960	14	70
YARIS (99-05) 1.3 16V	Petrol	63	2NZ-FE		06/03 > 09/05		DAN966	14	70
YARIS (05-) 1.33 VVT-i	Petrol	74	1NR-FE	MTM	03/09 >	+ Co	DAN1012	14	100
YARIS (05-) 1.33 VVT-i	Petrol	74	1NR-FE	MTM	03/09 >	- SS, + Co	DAN1015	14	100
YARIS (05-) 1.33 VVT-i	Petrol	74	1NR-FE	MTM	03/09 >		DAN1024	14	80
YARIS (05-) 1.33 VVT-i	Petrol	74	1NR-FE	MTM	03/09 >	- SS	DAN1042	14	80
YARIS (05-) 1.33 VVT-i	Petrol	74	1NR-FE	SMT	03/09 >	+ Co	DAN1014	14	100
YARIS (05-) 1.33 VVT-i	Petrol	74	1NR-FE	SMT	03/09 >		DAN1025	14	80
YARIS (99-05) 1.4 D-4D	Diesel	55	1ND-TV		12/01 > 09/05		DAN950	14	90
YARIS (99-05) 1.4 D-4D	Diesel	55	1ND-TV		12/01 > 09/05		DAN964	14	70
YARIS (05-) 1.4 D-4D	Diesel	66	1ND-TV		01/06 >		DAN1018	14	100
YARIS (99-05) 1.5 TS	Petrol	77	1NZ-FE		04/03 > 09/05		DAN959	14	80
YARIS (99-05) 1.5 VVT-i TS	Petrol	78	1NZ-FE		04/01 > 09/05		DAN959	14	80
YARIS (99-05) 1.5 VVT-i TS	Petrol	110			05/03 > 10/04		DAN959	14	80
YARIS VERSO (99-05) 1.3	Petrol	63	2NZ-FE		11/99 > 09/05		DAN966	14	70
YARIS VERSO (99-05) 1.3	Petrol	62	2NZ-FE		04/03 > 09/05		DAN966	14	70
YARIS VERSO (99-05) 1.4 D-4D	Diesel	55	1ND-TV		12/01 > 09/05		DAN950	14	90
YARIS VERSO (99-05) 1.5	Petrol	77/78	1NZ-FE		03/00 > 09/05		DAN959	14	80
VAUXHALL									
AGILA (08-) 1.3 CDTI	Diesel	55	D13A; Z13DTJ		01/08 >		DAN583	14	70
AGILA (08-) 1.3 CDTI	Diesel	55	D13A; Z13DTJ		01/08 >		DAN584	14	105
AGILA (08-) 1.3 CDTI	Diesel	55	D13A; Z13DTJ		01/08 >		DAN585	14	120
ASTRA MK V (04-09) 1.9 CDTI	Diesel	88	Z19DTJ	MTM	01/04 > 05/09		DAN509	14	130
ASTRA MK V (04-09) 1.9 CDTI	Diesel	88	Z19DTJ	MTM	01/04 > 05/09		DAN510	14	105
ASTRA MK V (04-09) 1.9 CDTI	Diesel	110	Z19DTH	MTM	03/05 > 05/09		DAN509	14	130
ASTRA MK V (04-09) 1.9 CDTI	Diesel	110	Z19DTH	MTM	03/05 > 05/09		DAN510	14	105
ASTRA MK V (04-) 1.9 CDTi	Diesel	88/110	Z19DT; Z19DTH	MTM	03/05 > 11/10		DAN509	14	130
ASTRA MK V (04-) 1.9 CDTi	Diesel	88/110	Z19DT; Z19DTH	MTM	03/05 > 11/10		DAN510	14	105
ASTRA MK V (04-) 1.9 CDTi	Diesel	74/110	Z19DTH; Z19DTL	MTM	08/05 > 11/10		DAN509	14	130
ASTRA MK V (04-) 1.9 CDTI	Diesel	88	Z19DTJ	MTM	11/05 > 03/09		DAN509	14	130
ASTRA MK V (04-) 1.9 CDTI	Diesel	88	Z19DTJ	MTM	11/05 > 03/09		DAN510	14	105
ASTRA MK V (04-09) 1.9 CDTI	Diesel	88	Z19DTJ	ATM	11/06 > 05/09		DAN506	14	120
ASTRA MK V (04-) 1.9 CDTI	Diesel	88	Z19DTJ	ATM	11/06 > 11/10		DAN506	14	120

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VAUXHALL <i>continued</i>									
ASTRA MK V (04-09) 1.9 CDTI 16V	Diesel	88	Z19DT	MTM	08/05 > 05/09		DAN509	14	130
ASTRA MK V (04-09) 1.9 CDTI 16V	Diesel	88	Z19DT	MTM	08/05 > 05/09		DAN510	14	105
ASTRA MK V (04-09) 1.9 CDTI 16V	Diesel	88	Z19DTJ	ATM	11/06 > 05/09		DAN506	14	120
COMBO (01-12) 1.3 CDTI 16V	Diesel	55	Z13DTJ		10/05 > 11/11		DAN1034	14	120
CORSA (06-) 1.3 CDTI	Diesel	55/66/70	A13DTC; A13DTE; Z13DTE; Z13DTH; Z13DTJ; Z13DTR		11/06 >		DAN583	14	70
CORSA (06-) 1.3 CDTI	Diesel	55/66/70	A13DTC; A13DTE; Z13DTE; Z13DTH; Z13DTJ; Z13DTR		11/06 >		DAN584	14	105
CORSA (06-) 1.3 CDTI	Diesel	55/66/70	A13DTC; A13DTE; Z13DTE; Z13DTH; Z13DTJ; Z13DTR		11/06 >		DAN585	14	120
CORSAVAN (06-) 1.3 CDTI	Diesel	55/66	Z13DTH; Z13DTJ		07/06 >		DAN583	14	70
CORSAVAN (06-) 1.3 CDTI	Diesel	55/66	Z13DTH; Z13DTJ		07/06 >		DAN584	14	105
CORSAVAN (06-) 1.3 CDTI	Diesel	55/66	Z13DTH; Z13DTJ		07/06 >		DAN585	14	120
MERIVA (03-10) 1.3 CDTI	Diesel	55	Z13DTJ		01/03 > 10/09		DAN1034	14	120
MERIVA (10-) 1.3 CDTI	Diesel	70	A13DTE		06/10 >		DAN583	14	70
MERIVA (10-) 1.3 CDTI	Diesel	70	A13DTE		06/10 >		DAN584	14	105
MERIVA (10-) 1.3 CDTI	Diesel	70	A13DTE		06/10 >		DAN585	14	120
SIGNUM 1.9 CDTI	Diesel	88	Z19DT	MTM	05/04 > 03/08		DAN506	14	120
SIGNUM 1.9 CDTI	Diesel	88	Z19DT	MTM	05/04 > 03/08		DAN510	14	105
SIGNUM 1.9 CDTI 16V	Diesel	110	Z19DTH		05/04 > 03/08		DAN506	14	120
SIGNUM 1.9 CDTI 16V	Diesel	110	Z19DTH		05/04 > 03/08		DAN510	14	105
TIGRA (04-09) 1.3 CDTI	Diesel	51	Z13DT		06/04 > 08/09		DAN1034	14	120
VECTRA (00-08) 1.9 CDTI	Diesel	74/88	Z19DT; Z19DTL	MTM	08/02 > 07/08		DAN506	14	120
VECTRA (00-08) 1.9 CDTI	Diesel	74/88	Z19DT; Z19DTL	MTM	08/02 > 07/08		DAN509	14	130
VECTRA (00-08) 1.9 CDTI	Diesel	74/88	Z19DT; Z19DTL	MTM	08/02 > 07/08		DAN510	14	105
VECTRA (00-08) 1.9 CDTI 16V	Diesel	110	Z19DTH	MTM	04/04 > 07/08		DAN506	14	120
VECTRA (00-08) 1.9 CDTI 16V	Diesel	110	Z19DTH	MTM	04/04 > 07/08		DAN510	14	105
VECTRA (00-08) 1.9 CDTI 16V	Diesel	110	Z19DTH		04/04 > 08/08		DAN506	14	120
VECTRA (00-08) 1.9 CDTI 16V	Diesel	110	Z19DTH		04/04 > 08/08		DAN509	14	130
VECTRA (00-08) 1.9 CDTI 16V	Diesel	110	Z19DTH		04/04 > 08/08		DAN510	14	105
ZAFIRA (05-) 1.9 CDTI	Diesel	110	Z19DTH		02/09 >	+ AC	DAN506	14	120
ZAFIRA (05-) 1.9 CDTI	Diesel	88	Z19DT		02/09 >	Ch No: 7G150346>, + AC	DAN506	14	120
ZAFIRA (05-) 1.9 CDTI	Diesel	88/110	Z19DT; Z19DTH		02/09 >	Ch No: >7G150345	DAN506	14	120
ZAFIRA (05-) 1.9 CDTI	Diesel	88/110	Z19DT; Z19DTH		02/09 >	Ch No: >7G150345	DAN509	14	130
ZAFIRA (05-) 1.9 CDTI	Diesel	88/110	Z19DT; Z19DTH		02/09 >	Ch No: >7G150345	DAN510	14	105
VOLVO									
C30 1.6 D	Diesel	80	D 4164 T		10/06 >		DAN930	14	150
C30 1.6 D2	Diesel	84	D 4162 T		10/10 >		DAN930	14	150
C30 2.0 D	Diesel	100	D 4204 T		10/06 >		DAN930	14	150
C70 II (06-) 2.0 D	Diesel	100	D 4204 T		01/08 >		DAN930	14	150
S40 (04-) 1.6 D	Diesel	81	D 4164 T		01/05 >		DAN930	14	150
S40 (04-) 2.0 D	Diesel	100	D 4204 T		01/04 >		DAN930	14	150
S40 (04-) 2.0 D4	Diesel	96	D 4204 T2		07/05 >		DAN930	14	150
V50 (04-) 1.6 D	Diesel	81	D 4164 T		01/05 >		DAN930	14	150
V50 (04-) 2.0 D	Diesel	100	D 4204 T		04/04 >		DAN930	14	150

DENSO Photo Guide

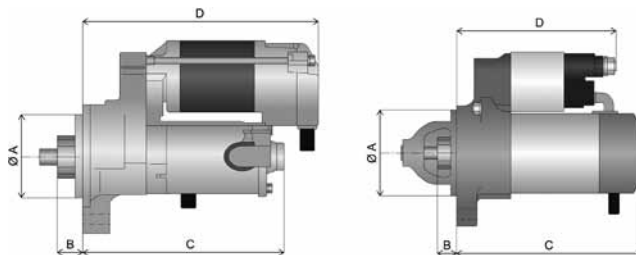


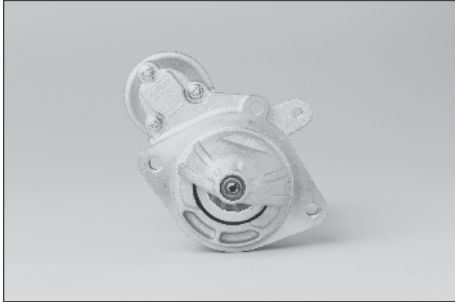
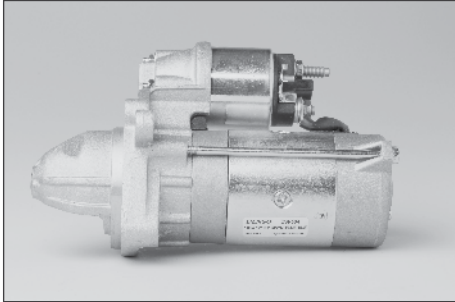

Photoguide Legend Starters

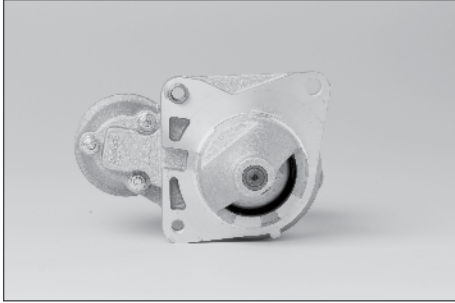
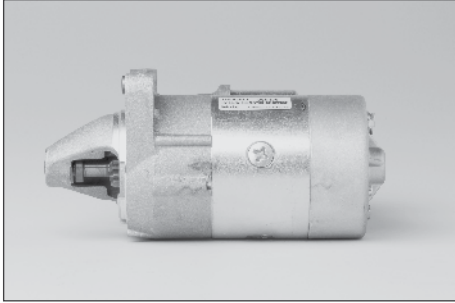
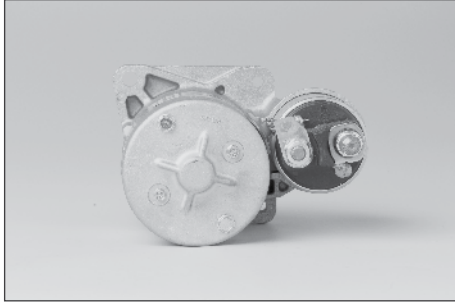
	GB	DE	FR	ES	IT	SE	PL	RU
MB	Mounting Bores	Befestigungsbohrung	Alésages de fixation	Taladros de fijación	Fori di montaggio	Fästhål	Liczba otworów do mocowania	Установочные отверстия
TB	Thread Bores	Gewindebohrungen	Alésages filetés	Taladros de fijación roscados	Fori filettati	Gängade hål	Liczba otworów gwintowanych	Диаметр резьбы
Ro	Rotation Direction	Drehrichtung	Sens de rotation	Sentido de giro	Direzione di rotazione	Rotationsriktning	Kierunek obrotów	Направление вращения
CW	Clock Wise	Im Uhrzeigersinn	Sens Horaire	Sentido de las agujas del reloj	Anti-in senso orario	Medurs	Zgodnie z ruchem wskazówek zegara	По часовой стрелке
ACW	Anti-Clock Wise	Entgegengesetzt des Uhrzeigersinnes	Sens Anti-horaire	Sentido contrario de las agujas del reloj	In senso orario	Moturs	Przeciwnie do ruchu wskazówek zegara	Против часовой стрелке
T	Number of Teeth	Anzahl der Zähne	Nombre de dents	Número de dientes	Numero di denti	Antal kuggar	Liczba zębów	Количество зубцов
30	Terminal 30 (Battery +)	Terminal 30 (Batterie +)	Borne 30 (+ batterie)	Borne 30 (Batería +)	Terminale 30 (Batteria +)	Anslutning 30 (batteri +)	Terminal 30 (+ z akumulatora)	Клемма 30 (Аккумулятор +)
50	Terminal 50 (Magnetic Switch)	Terminal 50 (Magnetschalter)	Borne 50 (Commutateur magnétique)	Borne 50 (interruptor magnético)	Terminale 50 (Teleruttore)	Anslutning 50 (startrelä)	Rozrusznik (elektromagnes)	Клемма 50 (магнитный выключатель)
PL	Plug	Stecker	Fiche	Enchufe	Spina	Stift	Zaptonowe	штепсель
30H	Terminal 30H	Terminal 30H	Borne 30H	Borne 30H	Terminal 30H	Anslutning 30H	Dodatkowy terminal 30H	Клемма 30H
*	For Non-Automotive Applications	Für Nicht-Automobil Anwendungen	Pour applications non automobiles	Aplicaciones especiales (no automoción)	Per applicazioni non automobilistiche	För icke fordonstillämpningar	Nie dla zastosowań motoryzacyjnych	Не для автомобильного применения
**	Not For European Applications	Nicht für Europäische Anwendungen	Sauf applications européennes	No para aplicaciones europeas	Non destinato ad applicazioni europee	Ej för europeiska tillämpningar	Nie dla zastosowań europejskich	Не для европейского автопарка

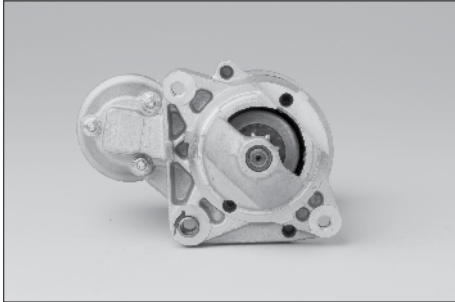
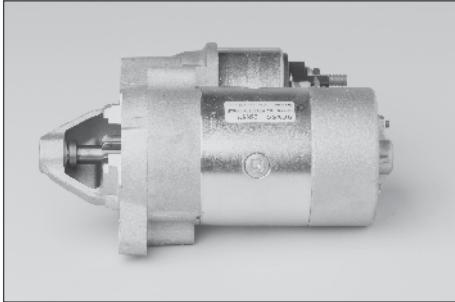
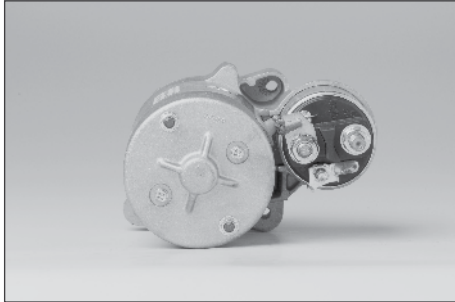
Starters & Alternators

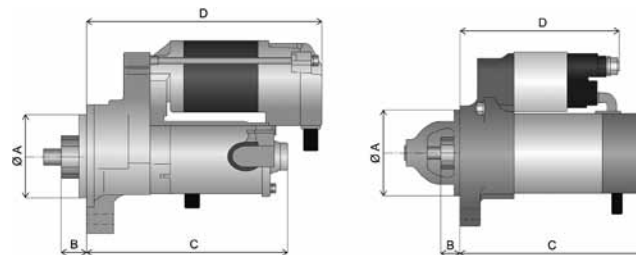
Photo Guide – Starters


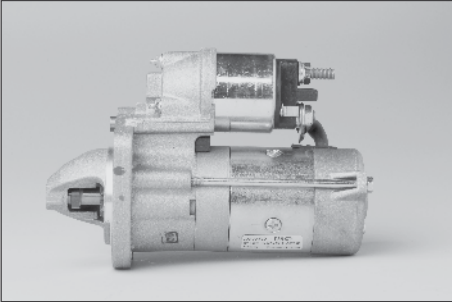
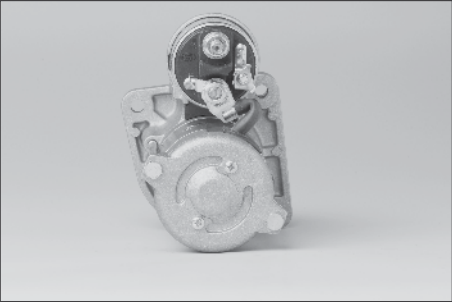


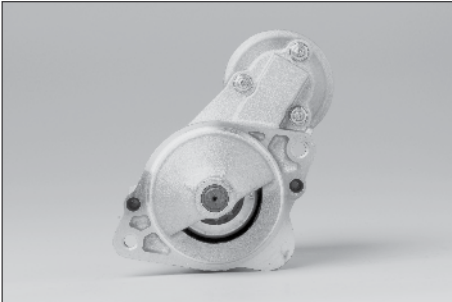
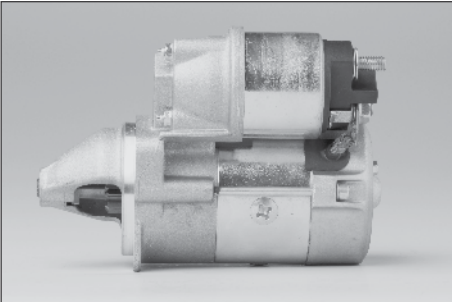
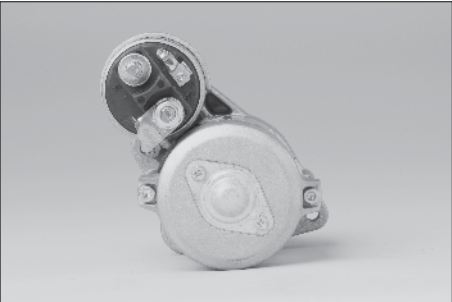
DSN504			12V	1.8 KW
ØA = 76 mm	B = 21.2 mm	C = 168 mm		
D = 133 mm	TB = 2xM10; 1xM6	MB (mm) = 1xØ8		
T = 11	30, 50, 30H = M8; M6; M5	Ro = CW		
				

DSN576			12V	0.9 KW
ØA = 64 mm	B = 9.8 mm	C = 145 mm		
D = 143 mm	TB = 1xM8	MB (mm) = 1xØ8.5; 1xØ9		
T = 8	30, 50 = M8; PL	Ro = CW		
				

DSN577			12V	1.0 KW
ØA = 64 mm	B = 10.6 mm	C = 159 mm		
D = 140 mm	TB = 3xM8	MB (mm) = -		
T = 8	30, 50 = M8; M6	Ro = CW		
				



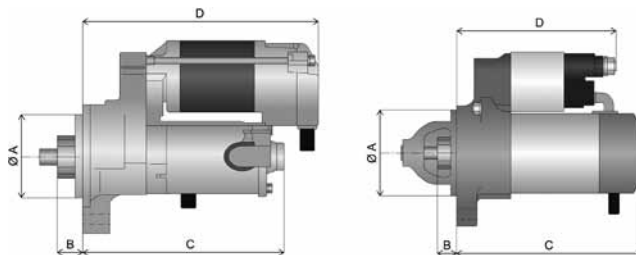
DSN579			12V	1.4 KW
ØA = 66 mm D = 145 mm T = 9	B = 9.3 mm TB = - 30, 50 = M8; M6	C = 164 mm MB (mm) = 2xØ9; 1xØ11 Ro = CW		
				

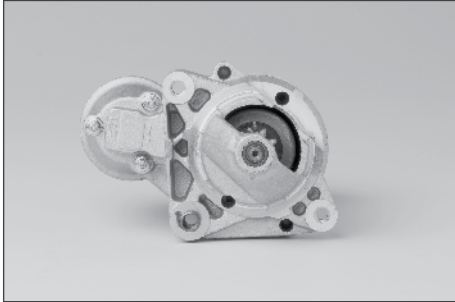
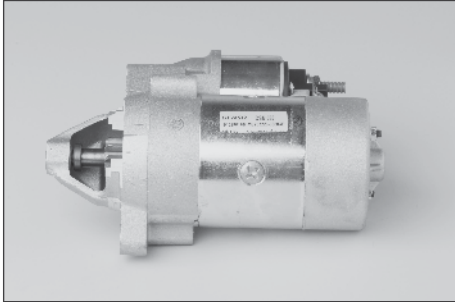
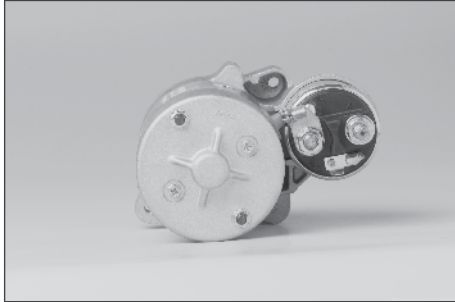
DSN583			12V	0.8 KW
ØA = 70 mm D = 127 mm T = 9	B = 13.7 mm TB = 2xM8 30, 50 = M8; PL	C = 130 mm MB (mm) = - Ro = CW		
				

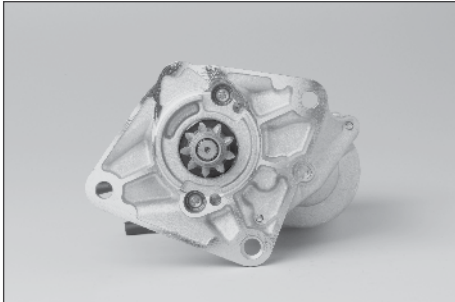
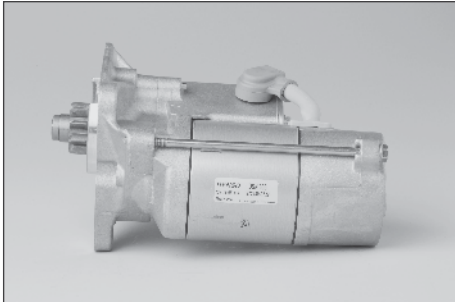
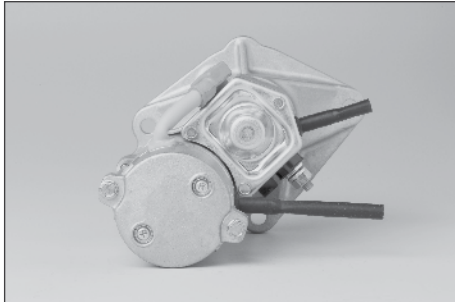
DSN585			12V	0.8 KW
ØA = 62 mm D = 138 mm T = 9	B = 12.7 mm TB = 3xM8 30, 50 = M8; M6	C = 157 mm MB (mm) = - Ro = CW		
No image available	No image available	No image available		

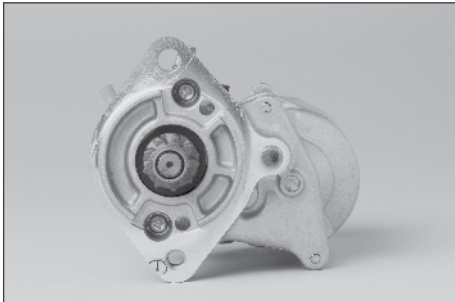
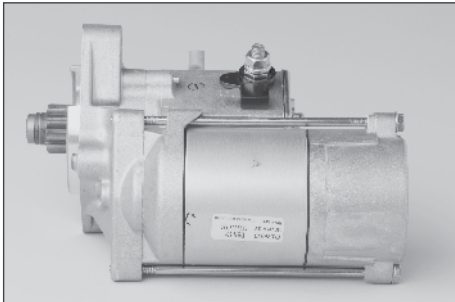
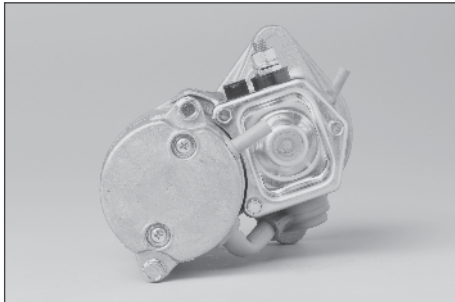
Starters & Alternators

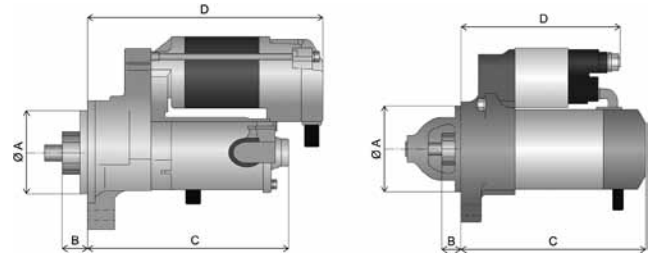
Photo Guide – Starters


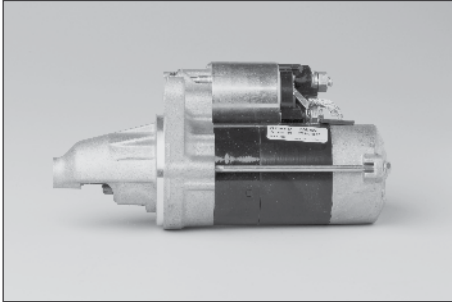
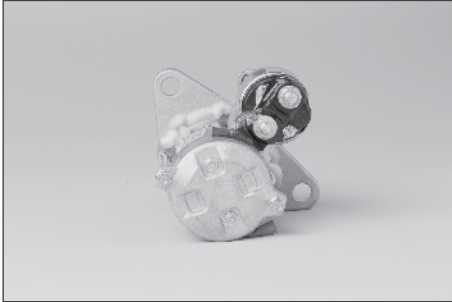


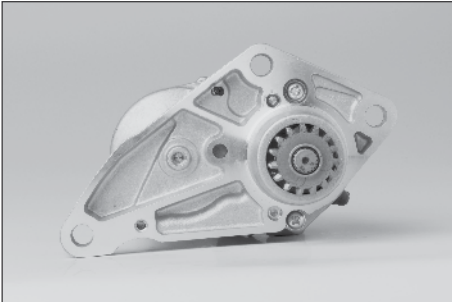
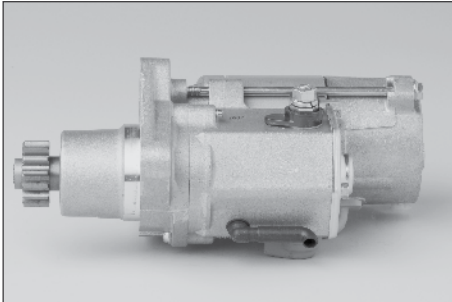
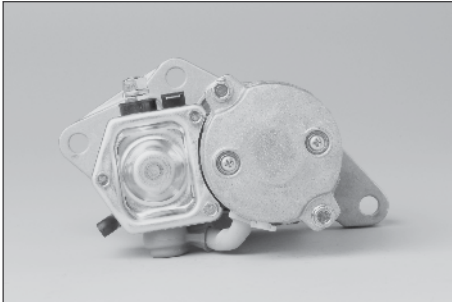
DSN586			12V	0.9 KW
ØA = 64 mm	B = 10.6 mm	C = 159 mm		
D = 140 mm	TB = 3xM8	MB (mm) = -		
T = 9	30, 50 = M8; PL	Ro = CW		
				

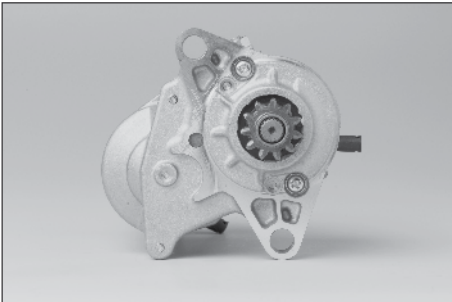
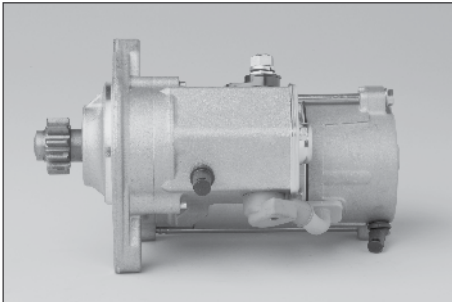
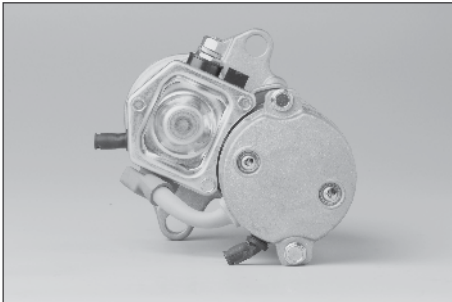
DSN600			12V	2.0 KW
ØA = 66 mm	B = 21 mm	C = 131 mm		
D = 187 mm	TB = -	MB (mm) = 3xØ11		
T = 9	30, 50 = M8; PL	Ro = CW		
				

DSN601			12V	2.0 KW
ØA = 76 mm	B = 21 mm	C = 131 mm		
D = 187 mm	TB = 1xM10	MB (mm) = 1xØ10; 1xØ11		
T = 9	30, 50 = M8; PL	Ro = CW		
				



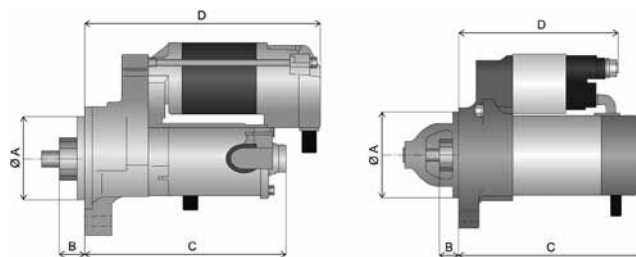
DSN602			12V	1 KW
ØA = 75 mm	B = 39.8 mm	C = 149 mm		
D = 117 mm	TB = -	MB (mm) = 2xØ13		
T = 10	30, 50 = M8; PL	Ro = ACW		
				

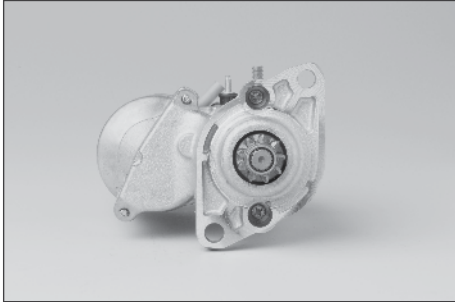
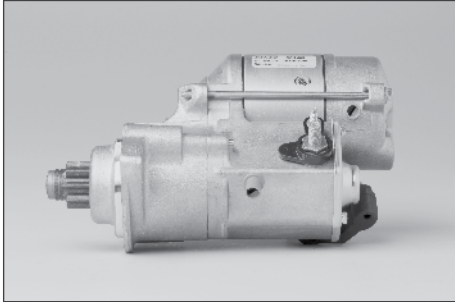
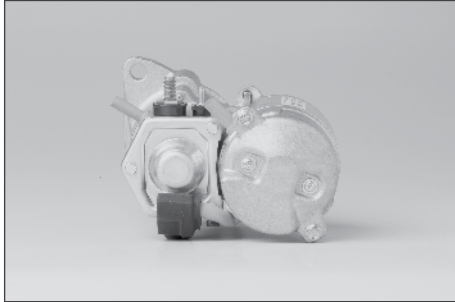
DSN603			12V	2.0 KW
ØA = 55 mm	B = 66 mm	C = 121 mm		
D = 167 mm	TB = -	MB (mm) = 3xØ11		
T = 15	30, 50 = M8; PL	Ro = ACW		
				

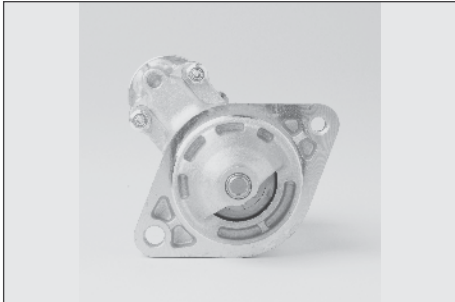
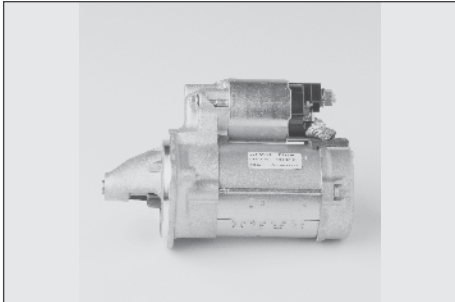
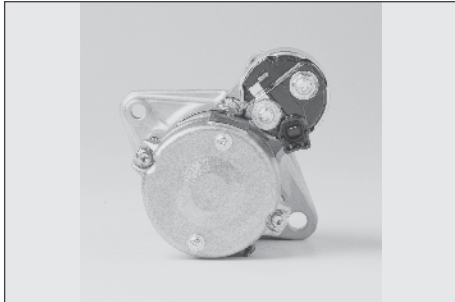
DSN604			12V	2.0 KW
ØA = 75 mm	B = 39 mm	C = 118 mm		
D = 174 mm	TB = -	MB (mm) = 2xØ13.2		
T = 11	30, 50 = M8; PL	Ro = ACW		
				

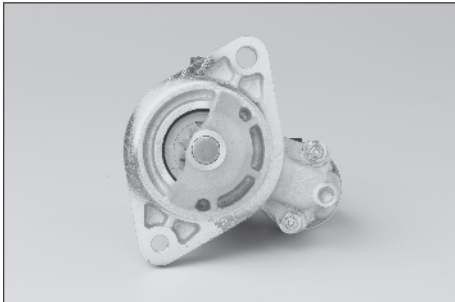
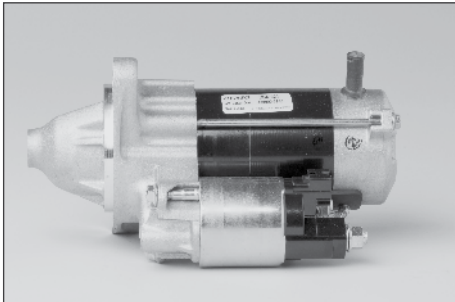

Starters & Alternators

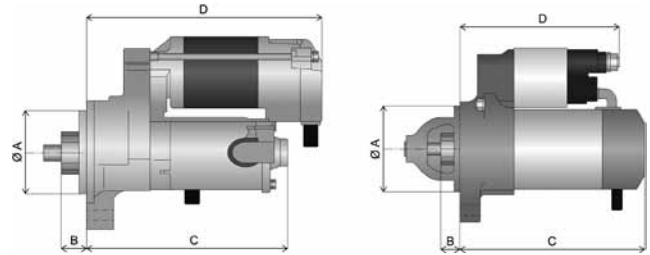
Photo Guide – Starters

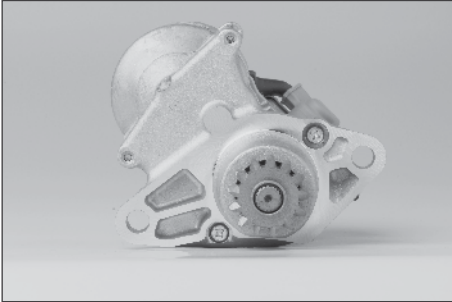
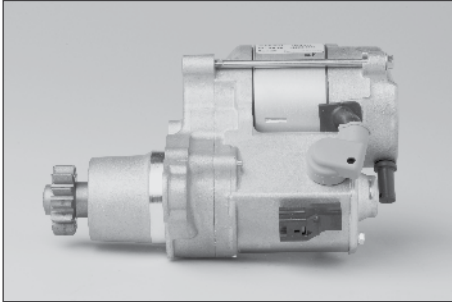
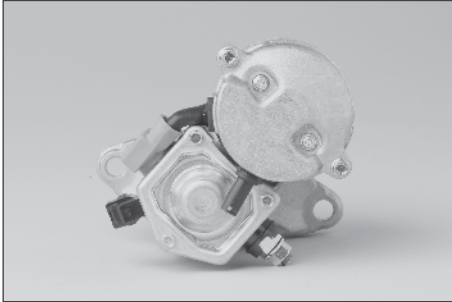


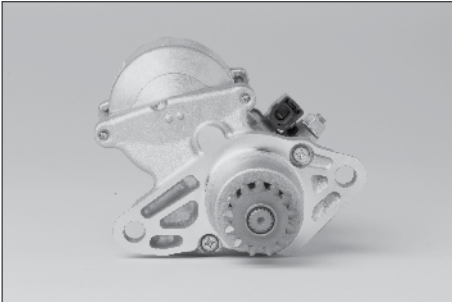
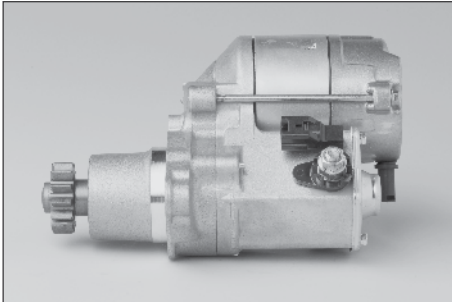
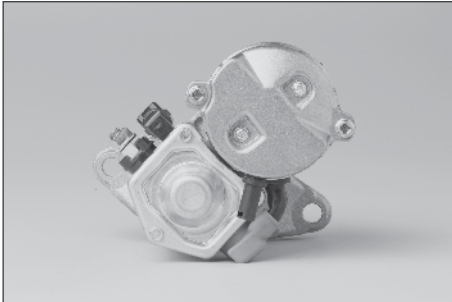
DSN605		12V	1.4 KW
ØA = 62 mm	B = 36 mm	C = 144 mm	
D = 168 mm	TB = -	MB (mm) = 2xØ11	
T = 9	30, 50 = M8; M5	Ro = CW	
			

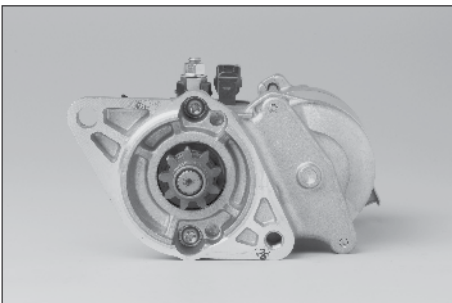
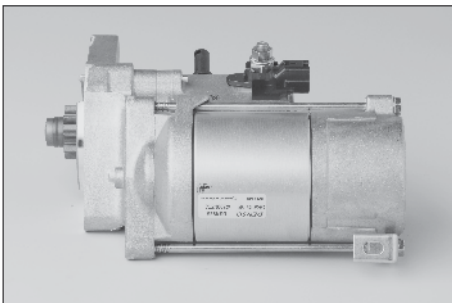
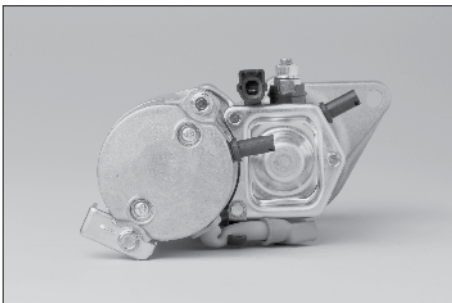
DSN920		12V	1.3 KW
ØA = 74 mm	B = 15 mm	C = 140 mm	
D = 129 mm	TB = 1xM10	MB (mm) = 1xØ11	
T = 9	30, 50 = M8; PL	Ro = CW	
			

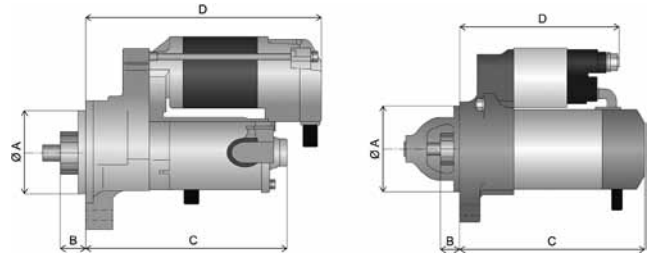
DSN921		12V	1.0 KW
ØA = 74 mm	B = 15 mm	C = 163 mm	
D = 140 mm	TB = 1xM10	MB (mm) = 1xØ11	
T = 9	30, 50 = M8; PL	Ro = CW	
			

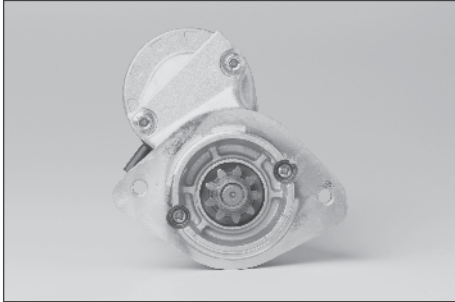
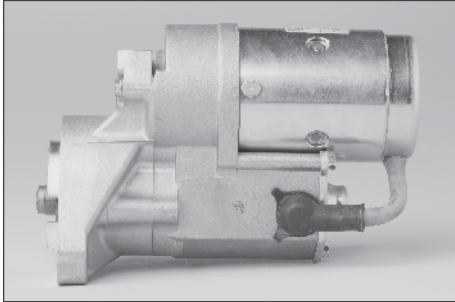
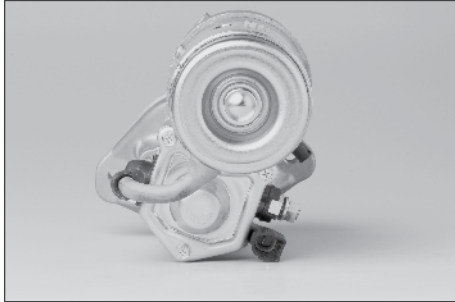


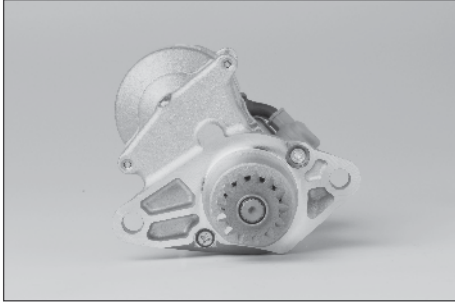
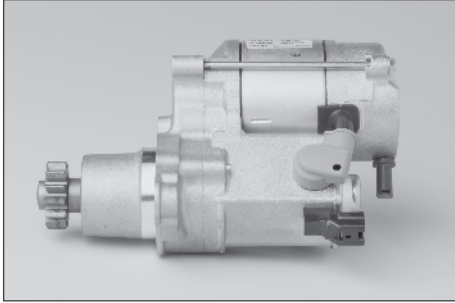
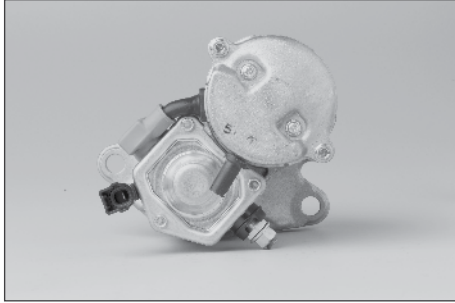
DSN922		12V	1.2 KW
ØA = 55 mm	B = 66.1 mm	C = 121 mm	
D = 134 mm	TB = -	MB (mm) = 2xØ11.3	
T = 13	30, 50 = M8; PL	Ro = ACW	
			


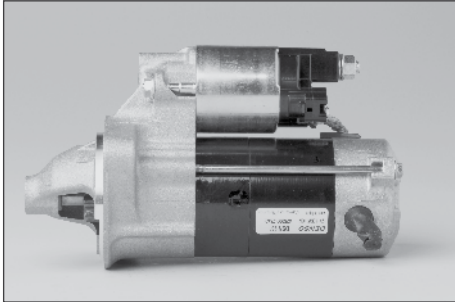
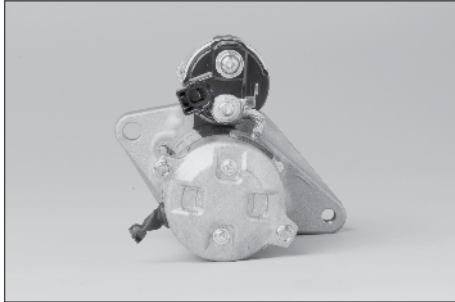
DSN923		12V	1.2 KW
ØA = 55 mm	B = 66.1 mm	C = 121 mm	
D = 134 mm	TB = -	MB (mm) = 2xØ11.3	
T = 13	30, 50 = M8; PL	Ro = ACW	
			

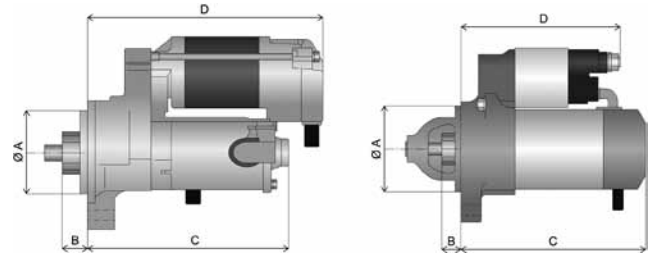
DSN926		12V	2.0 KW
ØA = 74 mm	B = 14 mm	C = 138 mm	
D = 194 mm	TB = 1xM10	MB (mm) = 1xØ11	
T = 9	30, 50 = M8; PL	Ro = CW	
			



DSN928			12V	2.2 KW
ØA = 74 mm	B = 3.2 mm	C = 179 mm		
D = 219 mm	TB = 2xM10	MB (mm) = -		
T = 9	30, 50 = M8; PL	Ro = CW		
				

DSN929			12V	1.4 KW
ØA = 55 mm	B = 66.1 mm	C = 121 mm		
D = 145 mm	TB = -	MB (mm) = 2xØ11.3		
T = 13	30, 50 = M8; PL	Ro = ACW		
				

DSN931			12V	1.0 KW
ØA = 74 mm	B = 11.5 mm	C = 166 mm		
D = 144 mm	TB = 1xM10	MB (mm) = 1xØ11		
T = 9	30, 50 = M8; PL	Ro = CW		
				



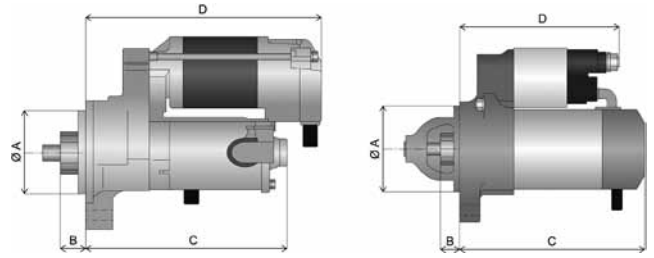
DSN934			12V	1.0 KW
<p>ØA = 74 mm D = 141 mm T = 9</p>	<p>B = 14 mm TB = 1xM10 30, 50 = M8; PL</p>	<p>C = 164 mm MB (mm) = 1xØ11 Ro = CW</p>		

DSN935			12V	1.4 KW
<p>ØA = 74 mm D = 161 mm T = 9</p>	<p>B = 14 mm TB = 1xM10 30, 50 = M8; PL</p>	<p>C = 138 mm MB (mm) = 1xØ11 Ro = CW</p>		

DSN936			12V	1.6 KW
<p>ØA = 74 mm D = 130 mm T = 10</p>	<p>B = 14 mm TB = 1xM10 30, 50 = M8; PL</p>	<p>C = 135 mm MB (mm) = 1xØ11 Ro = CW</p>		

Starters & Alternators

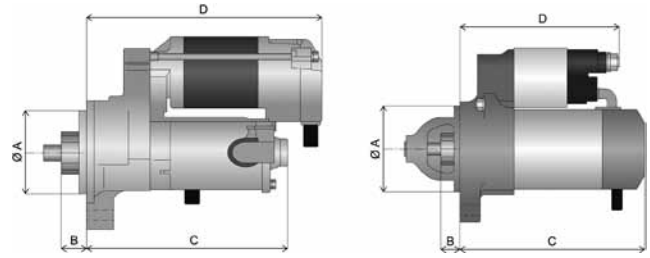
Photo Guide – Starters



DSN937			12V 2.0 KW
ØA = 74 mm D = 194 mm T = 9	B = 14 mm TB = 1xM10 30, 50 = M8; PL	C = 138 mm MB (mm) = 1xØ11 Ro = CW	

DSN939			24V 4.5 KW
ØA = 89 mm D = 220 mm T = 10	B = 49 mm TB = - 30, 50 = M10; M5	C = 183 mm MB (mm) = 3xØ11 Ro = CW	

DSN940			24V 5 KW
ØA = 92 mm D = 243 mm T = 10	B = 49 mm TB = - 30, 50 = M10; M5	C = 183 mm MB (mm) = 3xØ13 Ro = CW	



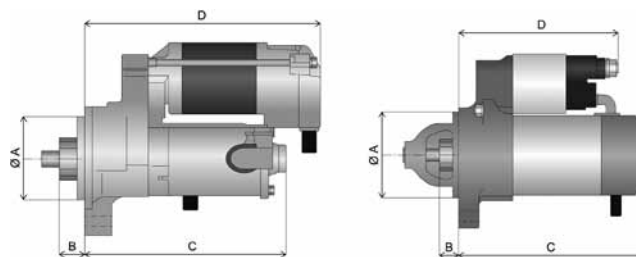
DSN941			12V	1.4 KW
<p>ØA = 55 mm D = 145 mm T = 11</p>	<p>B = 66.1 mm TB = - 30, 50 = M8; PL</p>	<p>C = 121 mm MB (mm) = 2xØ13 Ro = ACW</p>		


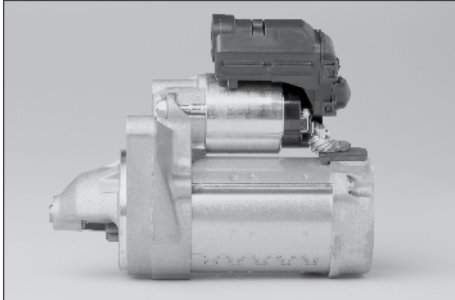
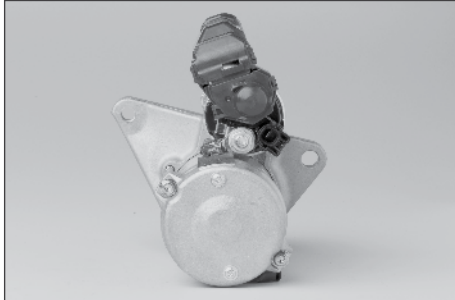
DSN942			12V	2.2 KW
<p>ØA = - D = - T = 21</p>	<p>B = - TB = - 30, 50 = M8; M5</p>	<p>C = - MB (mm) = 2xØ9; 2xØ11 Ro = ACW</p>		

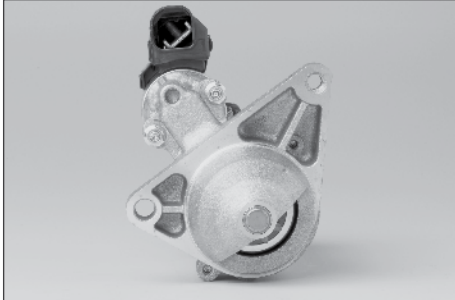
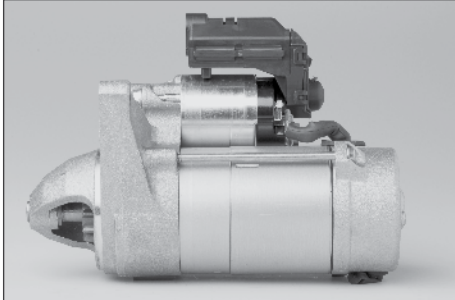
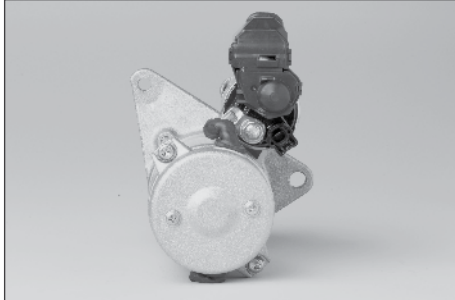
DSN944			12V	2 KW
<p>ØA = 70 mm D = 166 mm T = 9</p>	<p>B = 25 mm TB = 2xM10 30, 50 = M8; M6</p>	<p>C = 211 mm MB (mm) = 1 Ro = CW</p>		


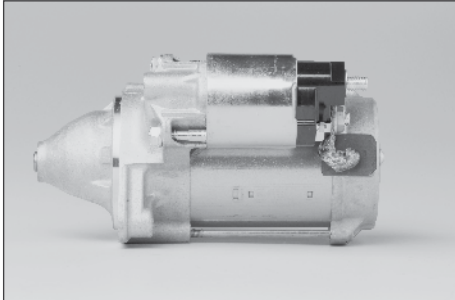

Starters & Alternators

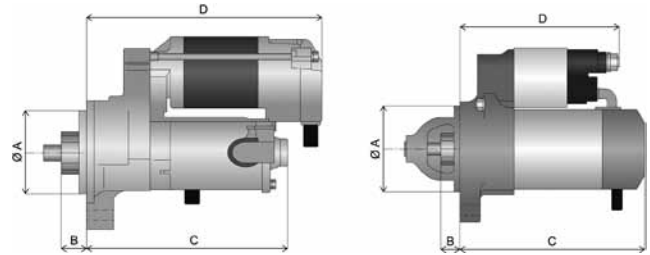
Photo Guide – Starters

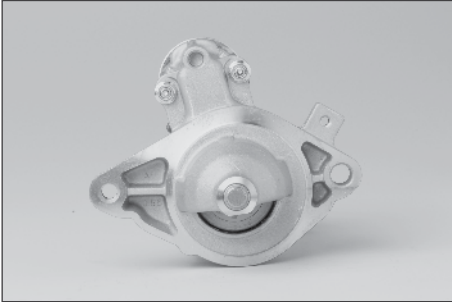
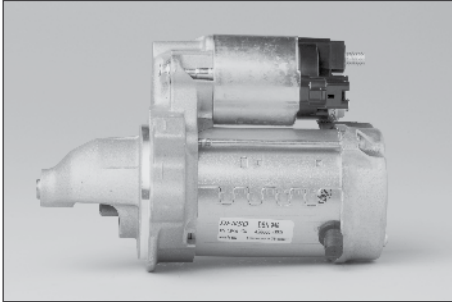
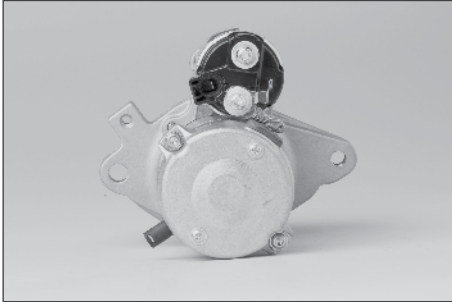



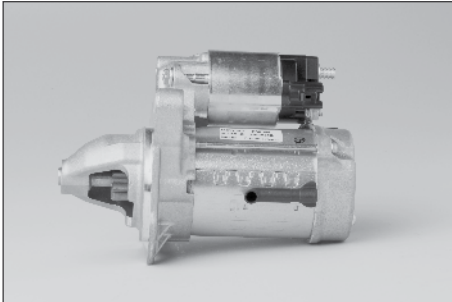

DSN945			12V	1.6 KW
ØA = 74 mm	B = 13 mm	C = 149 mm		
D = 136 mm	TB = 1xM10	MB (mm) = 1xØ11		
T = 9	30, 50 = M8; PL	Ro = CW		
				


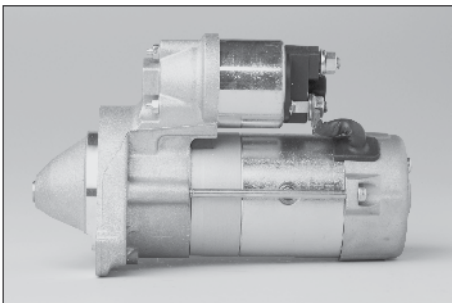
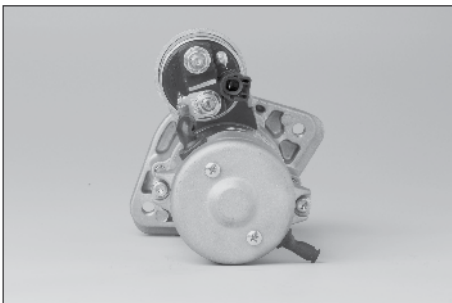
DSN946			12V	2 KW
ØA = 72 mm	B = 13 mm	C = 182 mm		
D = 135 mm	TB = 1xM10	MB (mm) = 1xØ11		
T = 10	30, 50 = M8; PL	Ro = CW		
				

DSN947			12V	1.3 KW
ØA = 74 mm	B = 14 mm	C = 141 mm		
D = 130 mm	TB = 1xM10	MB (mm) = 1xØ11		
T = 9	30, 50 = M8; PL	Ro = CW		
				



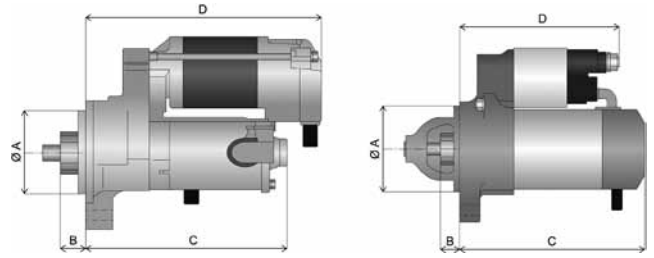
DSN948		12V	1.3 KW
ØA = 74 mm	B = 25.7 mm	C = 129 mm	
D = 119 mm	TB = 1xM10; 1xM6	MB (mm) = 1xØ11	
T = 9	30, 50 = M8; PL	Ro = CW	
			

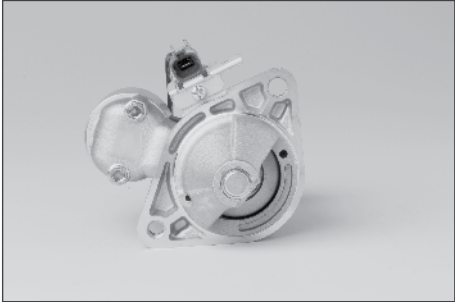
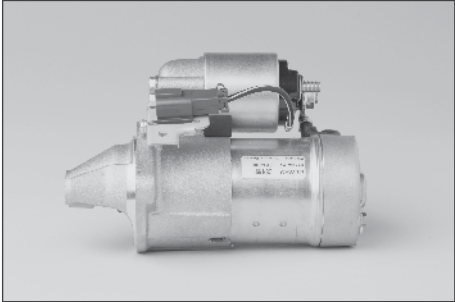
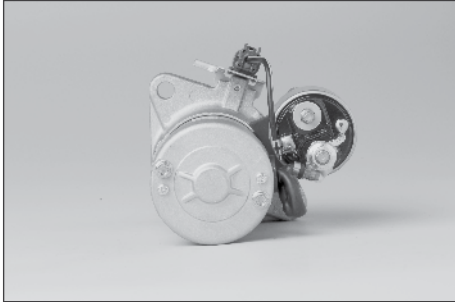
DSN949		12V	1.3 KW
ØA = 74 mm	B = 23.9 mm	C = 131 mm	
D = 120 mm	TB = 1xM10	MB (mm) = 1xØ11	
T = 9	30, 50 = M8; PL	Ro = CW	
			


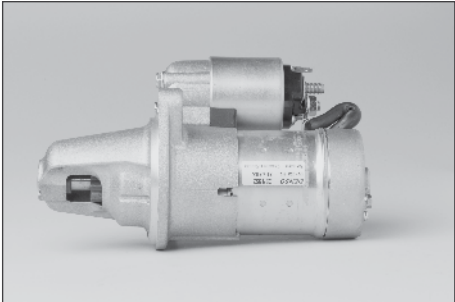

DSN950		12V	2 KW
ØA = 74 mm	B = 3.2 mm	C = 191 mm	
D = 145 mm	TB = 2xM10	MB (mm) = -	
T = 9	30, 50 = M8; PL	Ro = CW	
			

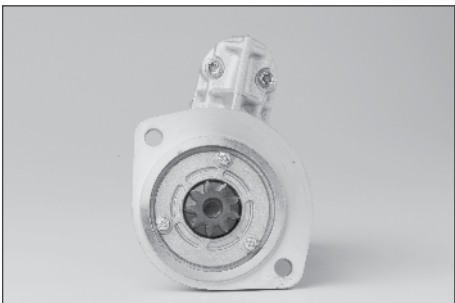
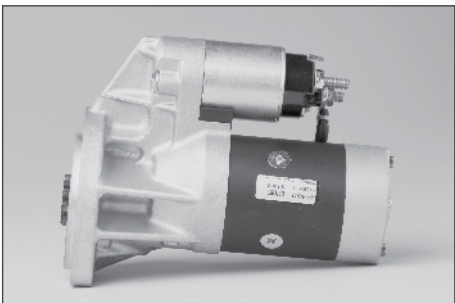
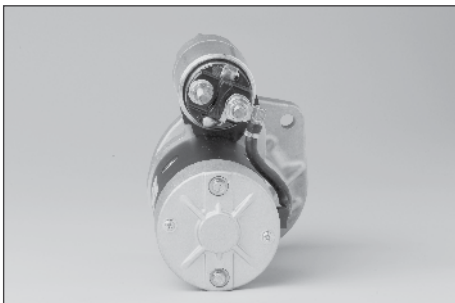
Starters & Alternators

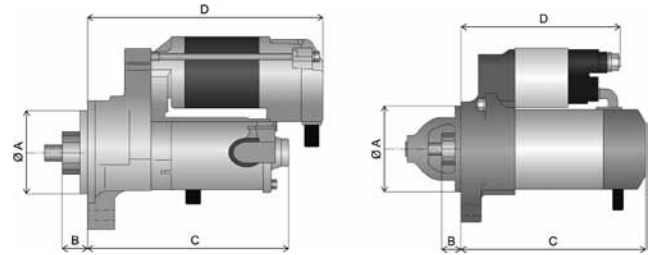
Photo Guide – Starters



DSN951			12V	1.2 KW
ØA = 70 mm D = 118 mm T = 8	B = 11.7 mm TB = 1xM10 30, 50 = M8; PL	C = 146 mm MB (mm) = 1xØ10.5 Ro = CW		
				

DSN952			12V	1.2 KW
ØA = 82.5 mm D = 110 mm T = 8	B = 42.5 mm TB = 1xM10 30, 50 = M8; PL	C = 137 mm MB (mm) = 1xØ10.5 Ro = CW		
				

DSN953			12V	2.5 KW
ØA = 95 mm D = 177 mm T = 9	B = 11 mm TB = - 30, 50 = M8; PL	C = 213 mm MB (mm) = 2xØ11 Ro = CW		
				



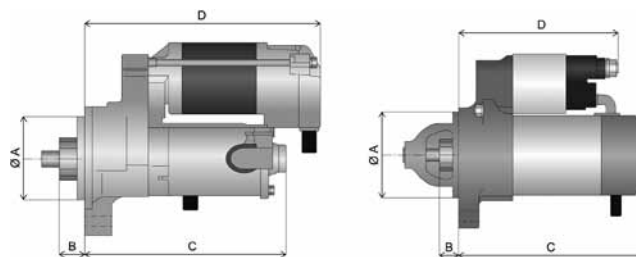
DSN954		12V 1.4 KW
ØA = 75 mm D = 111 mm T = 13	B = 61 mm TB = 2xM6 30, 50 = M8; PL	C = 144 mm MB (mm) = 1xØ10.5; 1xØ13 Ro = ACW

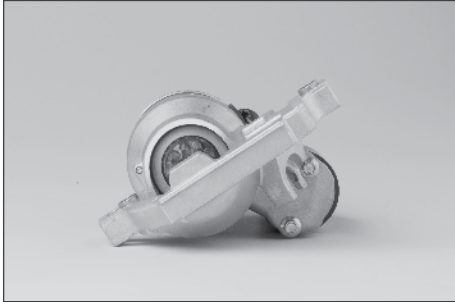
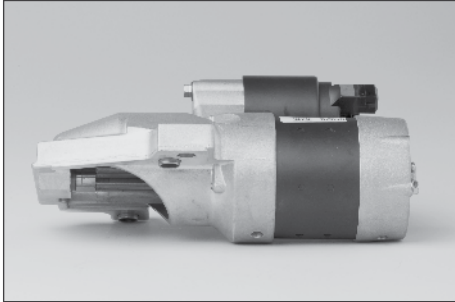
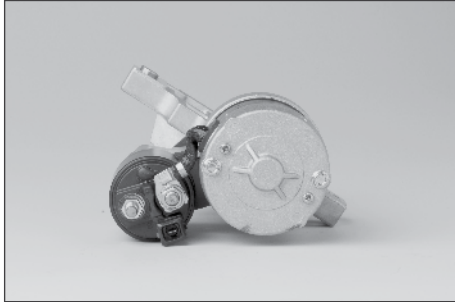
DSN955		12V 1 KW
ØA = 70 mm D = 119 mm T = 10	B = 19.7 mm TB = - 30, 50 = M8; M5	C = 136 mm MB (mm) = 2xØ13 Ro = CW

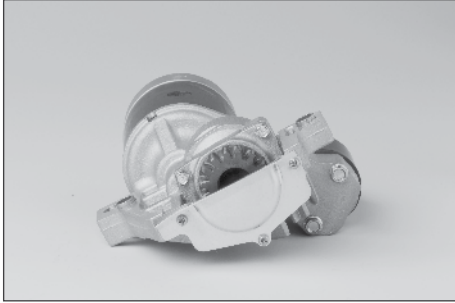
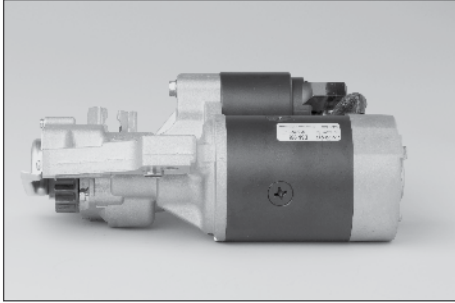
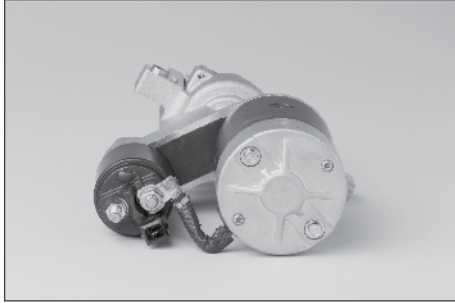
DSN956		12V 2.5 KW
ØA = 82.5 mm D = 175 mm T = 9	B = 11 mm TB = - 30, 50 = M8; PL	C = 200 mm MB (mm) = 2xØ11 Ro = CW

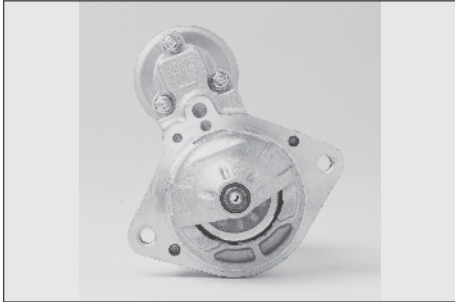
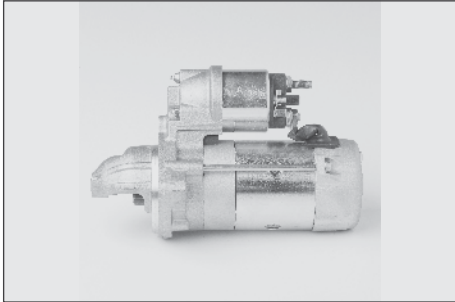
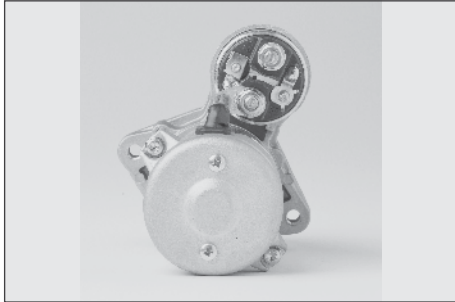
Starters & Alternators

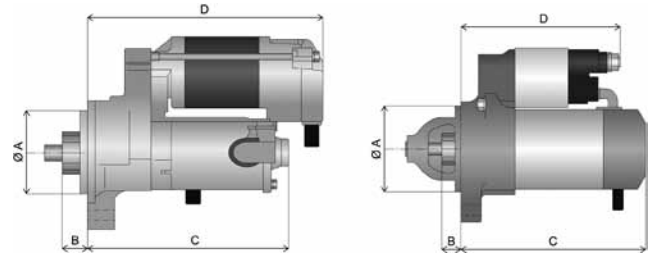
Photo Guide – Starters



DSN957		12V	1.4 KW
ØA = -	B = -	C = -	
D = -	TB = -	MB (mm) = 3	
T = 10	30, 50 = M8; PL	Ro = ACW	
			

DSN958		12V	2.4 KW
ØA = -	B = -	C = -	
D = -	TB = -	MB (mm) = 3	
T = 15	30, 50 = M8; PL	Ro = ACW	
			

DSN959		12V	2.0 KW
ØA = 76.2 mm	B = 21.2 mm	C = 173 mm	
D = 133 mm	TB = 2xM10	MB (mm) = 1xØ8	
T = 11	30, 50, 30H = M8; M6; M5	Ro = CW	
			



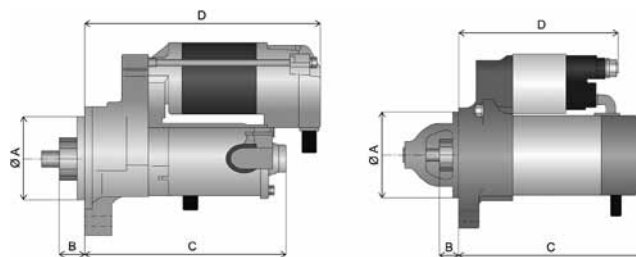
DSN960		12V 0.8 KW
ØA = 64 mm D = 140 mm T = 8	B = 9.8 mm TB = 2xM8 30, 50 = M8; M6	C = 145 mm MB (mm) = 1xØ9 Ro = CW

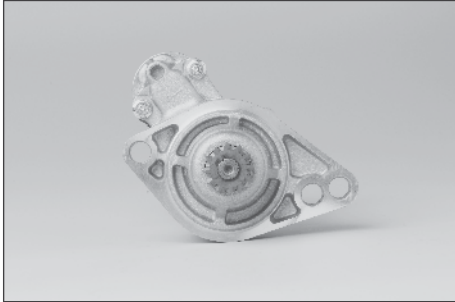
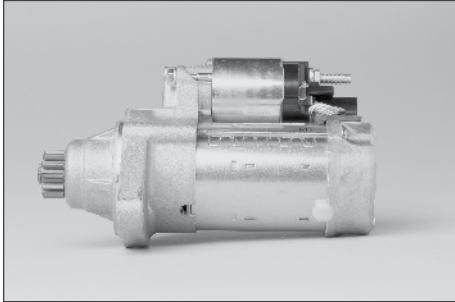
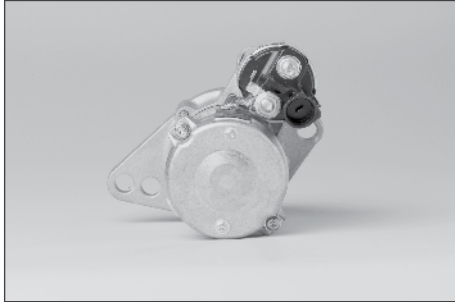
DSN961		12V 0.8 KW
ØA = 64 mm D = 140 mm T = 8	B = 9.8 mm TB = 1xM8 30, 50 = M8; M6	C = 145 mm MB (mm) = 2xØ9 Ro = CW


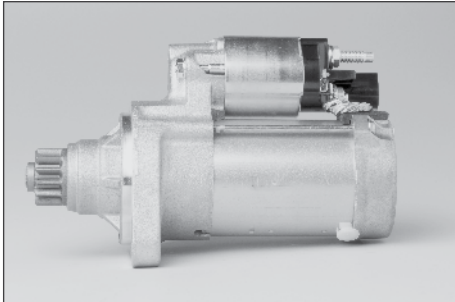

DSN962		12V 2.0 KW
ØA = 79 mm D = 143 mm T = 13	B = 61.9 mm TB = - 30, 50 = M8; PL	C = 153 mm MB (mm) = 2xØ12.5 Ro = ACW


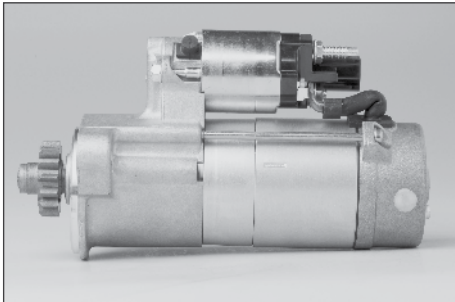
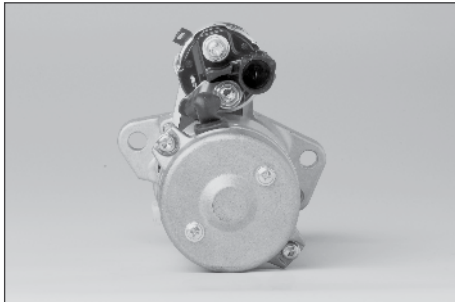
Starters & Alternators

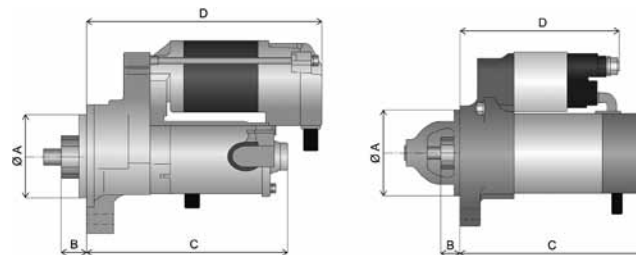
Photo Guide – Starters



DSN963			12V	2.0 KW
ØA = 76.2 mm	B = 53.7 mm	C = 162 mm		
D = 147 mm	TB = -	MB (mm) = 3xØ12.5		
T = 12	30, 50 = M8; PL	Ro = ACW		
				

DSN964			12V	2.0 KW
ØA = 79 mm	B = 56.8 mm	C = 158 mm		
D = 148 mm	TB = -	MB (mm) = 2xØ12.5		
T = 13	30, 50 = M8; PL	Ro = ACW		
				

DSN965			12V	2.0 KW
ØA = 76.2 mm	B = 25.1 mm	C = 209 mm		
D = 164 mm	TB = 1xM10	MB (mm) = 1xØ10.5; 1xØ11		
T = 15	30, 50 = M8; PL	Ro = CW		
				



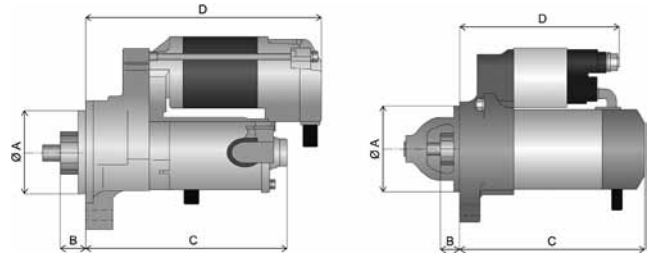
DSN966*			24V	4.5 KW
ØA = 89 mm D = 222 mm T = 10	B = 47.8 mm TB = - 30, 50 = M10; M5	C = 184 mm MB (mm) = 3xØ11 Ro = CW		
No image available	No image available	No image available		

DSN967			12V	1.8 KW
ØA = 70 mm D = 149 mm T = 12	B = 15.3 mm TB = 2xM10 30, 50 = M8; M6	C = 152 mm MB (mm) = - Ro = CW		
No image available	No image available	No image available		

DSN968			12V	1.8 KW
ØA = 82.5 mm D = 134 mm T = 12	B = 26.2 mm TB = 2xM10 30, 50 = M8; M6	C = 141 mm MB (mm) = - Ro = CW		
No image available	No image available	No image available		

Starters & Alternators

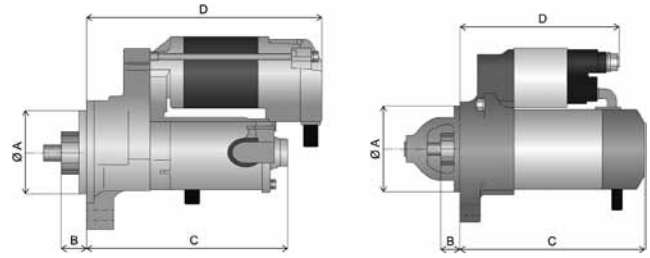
Photo Guide – Starters



DSN970			12V	1.8 KW
ØA = 76.2 mm	B = 52.5 mm	C = 163 mm		
D = 156 mm	TB = -	MB (mm) = 2xØ11		
T = 10	30, 50 = M8; M6	Ro = CW		
No image available	No image available	No image available		

DSN972			12V	1.7 KW
ØA = 76.2 mm	B = 52.5 mm	C = 139 mm		
D = 132 mm	TB = -	MB (mm) = 2xØ11		
T = 13	30, 50 = M8; M6	Ro = CW		
No image available	No image available	No image available		

DSN974*			24V	8 KW
ØA = 92 mm	B = 46.8 mm	C = 350 mm		
D = 242 mm	TB = -	MB (mm) = 3xØ13.5		
T = 13	30, 50 = 1/2-13UNC-2A; 10-32UNF-2A	Ro = CW		
No image available	No image available	No image available		




DSN975			12V	1.4 KW
ØA = 76.2 mm D = 140 mm T = 10	B = 20 mm TB = - 30, 50 = M8; PL	C = 135 mm MB (mm) = 3xØ8.5 Ro = CW		
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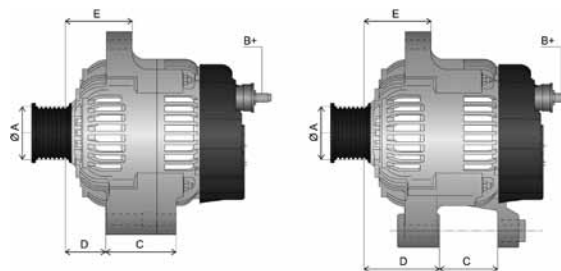
Starters & Alternators

Terminal Configuration Chart

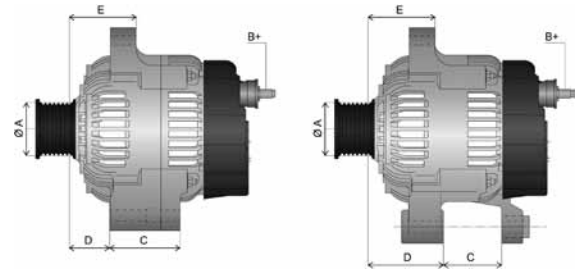
	Stud terminal	PL01	PL02	PL03	PL04	PL05	PL06	PL07	PL08	PL09	PL10	PL13	PL14	PL15	PL16	PL17	PL18	PL19	PL20	
UK	Battery +	B+																		
	Field	DFM	DF																	
	Lamp	D+	L	L	L	L	L	L	L	L		L	L	L	L	L				
	Tachometer	W																		
	Phase	PH IN																		
	Dummy								D				D							
	Ignition			IG			IG	IG	IG				IG	IG	IG	IG	IG			
	Battery Sensing				S		S				BVS	BVS				S				
	Computer (ECU) Monitor					M				M	LI	LI		FR	M	M	M			
	Computer (ECU) Control							C			RC	RC		C	C		RLO	LIN	LIN	BSD
	Bolzenklemme	PL01	PL02	PL03	PL04	PL05	PL06	PL07	PL08	PL09	PL10	PL13	PL14	PL15	PL16	PL17	PL18	PL19	PL20	
DE	Batterie+	B+																		
	Feld	DFM	DF																	
	Lampe	D+	L	L	L	L	L	L	L	L		L	L	L	L	L				
	Tachometer	W																		
	Phase	PH IN																		
	Versuchsmodell								D				D							
	Zündung			IG			IG	IG	IG				IG	IG	IG	IG	IG			
	Batteriesensor				S		S				BVS	BVS				S				
	Computer (ECU) Monitor					M				M	LI	LI		FR	M	M	M			
	Computer (ECU) Control							C			RC	RC		C	C		RLO	LIN	LIN	BSD
	Borne à tige	PL01	PL02	PL03	PL04	PL05	PL06	PL07	PL08	PL09	PL10	PL13	PL14	PL15	PL16	PL17	PL18	PL19	PL20	
FR	+ Batterie	B+																		
	Champ	DFM	DF																	
	Voyant	D+	L	L	L	L	L	L	L	L		L	L	L	L	L				
	Tachymètre	W																		
	Phase	PH IN																		
	Factice								D				D							
	Allumage			IG			IG	IG	IG				IG	IG	IG	IG	IG			
	Détection batterie				S		S				BVS	BVS				S				
	Contrôle unité (ECU)					M				M	LI	LI		FR	M	M	M			
	Commande unité (ECU)							C			RC	RC		C	C		RLO	LIN	LIN	BSD
	Borne	PL01	PL02	PL03	PL04	PL05	PL06	PL07	PL08	PL09	PL10	PL13	PL14	PL15	PL16	PL17	PL18	PL19	PL20	
ES	Bateria +	B+																		
	Masa	DFM	DF																	
	Testigo	D+	L	L	L	L	L	L	L	L		L	L	L	L	L				
	Tacómetro	W																		
	Fase	PH IN																		
	Terminal Libre								D				D							
	Encendido			IG			IG	IG	IG				IG	IG	IG	IG	IG			
	Sensor de batería				S		S				BVS	BVS				S				
	Monitorización de ECU					M				M	LI	LI		FR	M	M	M			
	Control de ECU							C			RC	RC		C	C		RLO	LIN	LIN	BSD
	Morsetto	PL01	PL02	PL03	PL04	PL05	PL06	PL07	PL08	PL09	PL10	PL13	PL14	PL15	PL16	PL17	PL18	PL19	PL20	
IT	Batteria +	B+																		
	Campo	DFM	DF																	
	Luce	D+	L	L	L	L	L	L	L	L		L	L	L	L	L				
	Tachimetro	W																		
	Fase	PH IN																		
	Falsa candela								D				D							
	Accensione			IG			IG	IG	IG				IG	IG	IG	IG	IG			
	Sensori batteria				S		S				BVS	BVS				S				
	Monitor computer (ECU)					M				M	LI	LI		FR	M	M	M			
	Controllo computer (ECU)							C			RC	RC		C	C		RLO	LIN	LIN	BSD
	Bultanslutning	PL01	PL02	PL03	PL04	PL05	PL06	PL07	PL08	PL09	PL10	PL13	PL14	PL15	PL16	PL17	PL18	PL19	PL20	
SE	Batteri +	B+																		
	Fält	DFM	DF																	
	Lampa	D+	L	L	L	L	L	L	L	L		L	L	L	L	L				
	Varvräknare	W																		
	Fas	PH IN																		
	Tom								D				D							
	Tändning			IG			IG	IG	IG				IG	IG	IG	IG	IG			
	Batterisensor				S		S				BVS	BVS				S				
	Datorövervakning (ECU)					M				M	LI	LI		FR	M	M	M			
	Datorstyrning (ECU)							C			RC	RC		C	C		RLO	LIN	LIN	BSD
	Styk kolkowy	PL01	PL02	PL03	PL04	PL05	PL06	PL07	PL08	PL09	PL10	PL13	PL14	PL15	PL16	PL17	PL18	PL19	PL20	
PO	Akumulator +	B+																		
	Obciążenie	DFM	DF																	
	Lampka	D+	L	L	L	L	L	L	L	L		L	L	L	L	L				
	Tachometr	W																		
	Faza	PH IN																		
	Regulator								D				D							
	Zapłon			IG			IG	IG	IG				IG	IG	IG	IG	IG			
	Rozpoznanie akumulatora				S		S				BVS	BVS				S				
	Czujnik sterownika wtrysku					M				M	LI	LI		FR	M	M	M			
	Sterowanie wtryskiem							C			RC	RC		C	C		RLO	LIN	LIN	BSD
	Болтовая клемма	PL01	PL02	PL03	PL04	PL05	PL06	PL07	PL08	PL09	PL10	PL13	PL14	PL15	PL16	PL17	PL18	PL19	PL20	
RU	Аккумулятор +	B+																		
	Проверка	DFM	DF																	
	Свет	D+	L	L	L	L	L	L	L	L		L	L	L	L	L				
	Тахометр	W																		
	Фаза	PH IN																		
	Холостой ход								D				D							
	Зажигание			IG			IG	IG	IG				IG	IG	IG	IG	IG			
	Проверка аккумулятора				S		S				BVS	BVS				S				
ECU мониторинг					M				M	LI	LI		FR	M	M	M				
ECU контроль							C			RC	RC		C	C		RLO	LIN	LIN	BSD	

Photoguide Legend Alternators

	GB	DE	FR	ES	IT	SE	PL	RU
	Pulley Type	Riemenscheiben Typ	Type de poulie	Tipo de polea	Tipo di puleggia	Typ av remskiva	Typ koła pasowego	Тип шкива
W/O P	Without Pulley	Ohne Riemenscheibe	Sans poulie	Sin polea	Senza puleggia	Utan remskiva	Bez koła pasowego	Без шкива
V	V-Belt Pulley	Keilriemenscheibe	Poulie à courroie trapézoïdale	Polea trapezoidal	Puleggia per cinghia a V	Kilremsskiva	Koło pasowe klinowe	Шкив для клинового ремня
PV	Poly V-Belt Pulley	Poly-V-Riemenscheiben	Poulie à courroie striée	Polea Poly-V	Puleggia per cinghia Poly-V	Poly-V-remskiva	Polietylenowe koło pasowe klinowe	Шкив для поликлинового ремня
PVF	Freewheel Poly V-Belt Pulley	Freilauf Poly-V-Riemenscheiben	Poulie roue libre à courroie striée	Polea Poly-V de rueda libre	Puleggia a ruota libera per cinghia Poly-V	Poly-V-frihjulremskiva	Polietylenowe wolne koło pasowe klinowe	Шкив для поликлинового ремня свободного хода
OAP	Overrunning Alternator Pulley	Generator-Freilaufriemenscheibe	Poulie à roue libre d'alternateur	Polea libre de alternador	Puleggia a ruota libera dell'alternatore	Frihjulremskiva	Wolne koło pasowe alternatora	Шкив генератора с обгонной муфтой
OAD	Overrunning Alternator Decoupler	Generator-Freilaufentkoppler	Découpleur à roue libre d'alternateur	Desacoplador libre de alternador	Disaccoppiatore dell'alternatore	Frihjulskoppling	Sprzęgielko alternatora	Шкив генератора с обгонной разобщающей муфтой
DSP	Drive Shaft Pulley	Antriebswellen Riemenscheibe	Poulie d'arbre de transmission	Polea de eje de accionamiento	Puleggia dell'albero motore	Drivaxelremskiva	Koło pasowe wału napędowego	Шкив приводного вала
TPC	Terminal/Plug Configuration	Steckerkonfiguration	Configuration borne/prise	Configuración de borne / conector	Configurazione terminale/spina	Anslutning/kontaktkonfiguration	Terminal / Konfiguracja przyłącza	Расположение клемм/соединений
Ri	Number of Ribs	Rippenanzahl	Nombre de nervures	Número de canales en la polea	Numero di nervature	Antal flänsar	Liczba żeber	Количество ребер
MB	Mounting Bores	Befestigungsbohrung	Alésages de fixation	Taladros de fijación	Fori di montaggio	Fästhål	Liczba otworów do mocowania	Установочные отверстия
Ro	Rotation Direction	Drehrichtung	Sens de rotation	Sentido de giro	Direzione di rotazione	Rotationsriktning	Kierunek obrotów	Направление вращения
CW	Clock Wise	Im Uhrzeigersinn	Sens Horaire	Sentido de las agujas del reloj	Anti-in senso orario	Medurs	Zgodnie z ruchem wskazówek zegara	По часовой стрелке
ACW	Anti-Clock Wise	Entgegengesetzt des Uhrzeigersinnes	Sens Anti-horaire	Sentido contrario de las agujas del reloj	In senso orario	Moturs	Przeciwie do ruchu wskazówek zegara	Против часовой стрелке
TB	Thread Bores	Gewindebohrungen	Alésages filetés	Taladros de fijación roscados	Fori filettati	Gängade hål	Liczba otworów gwintowanych	Диаметр резьбы
*	For Non-Automotive Applications	Für Nicht-Automobil Anwendungen	Pour applications non automobiles	Aplicaciones especiales (no automoción)	Per applicazioni non automobilistiche	För icke fordonstillämpningar	Nie dla zastosowań motoryzacyjnych	Не автомобильное применение
**	Not For European Applications	Nicht für Europäische Anwendungen	Sauf applications européennes	No para aplicaciones europeas	Non destinato ad applicazioni europee	Ej för europeiska tillämpningar	Nie dla zastosowań europejskich	Не для европейского автопарка



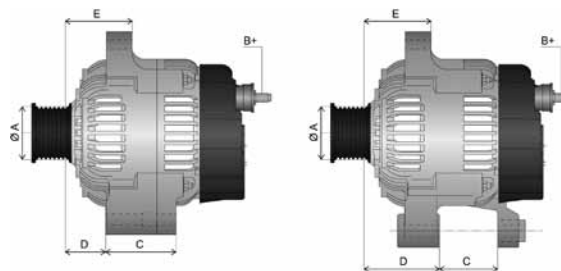
DAN005			14V	65A
<p> = W/O P</p> <p>TPC = D+ M5; W M5</p> <p>MB (mm) = 3xØ8.2</p> <p>TB = -</p>	<p>Ri = -</p> <p>B+ = M6</p> <p>D = 51.5 mm</p> <p>Ro = CW</p>	<p>ØA = -</p> <p>C = 80.7 mm</p> <p>E = D</p>		
DAN008			14V	100A
<p> = PV</p> <p>TPC = D+ M5; W M5</p> <p>MB (mm) = 3xØ8.2</p> <p>TB = -</p>	<p>Ri = 7</p> <p>B+ = M6</p> <p>D = 31.3 mm</p> <p>Ro = CW</p>	<p>ØA = 49 mm</p> <p>C = 80.5 mm</p> <p>E = D</p>		
DAN016			14V	120A
<p> = PV</p> <p>TPC = D+ M5; W M5</p> <p>MB (mm) = 2xØ8; 2xØ8.5</p> <p>TB = -</p>	<p>Ri = 7</p> <p>B+ = M8</p> <p>D = 31.3 mm</p> <p>Ro = CW</p>	<p>ØA = 52 mm</p> <p>C = 68 mm</p> <p>E = D</p>		
No image available	No image available	No image available		



DAN020		14V 100A	
<p> = PV</p> <p>TPC = D+ M5; W M5</p> <p>MB (mm) = 2xØ8; 2xØ8.5</p> <p>TB = -</p>	<p>Ri = 7</p> <p>B+ = M8</p> <p>D = 31.3 mm</p> <p>Ro = CW</p>	<p>ØA = 52 mm</p> <p>C = 68 mm</p> <p>E = D</p>	

DAN047		14V 70A	
<p> = PV</p> <p>TPC = D+ M5; W M5</p> <p>MB (mm) = 2xØ8; 1xØ8.2</p> <p>TB = 1xM8</p>	<p>Ri = 5</p> <p>B+ = M6</p> <p>D = 35 mm</p> <p>Ro = CW</p>	<p>ØA = 60 mm</p> <p>C = 61.8 mm</p> <p>E = D</p>	

DAN501		14V 105A	
<p> = PVF (OAP)</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ12.2; 1xØ10.8</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 44.5 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 54.5 mm</p> <p>E = D</p>	

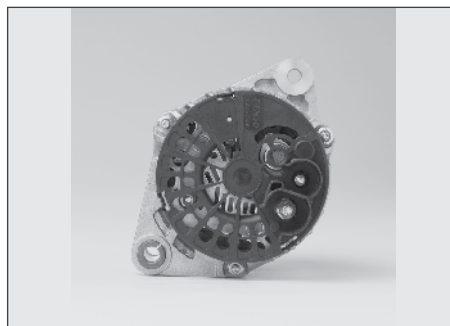
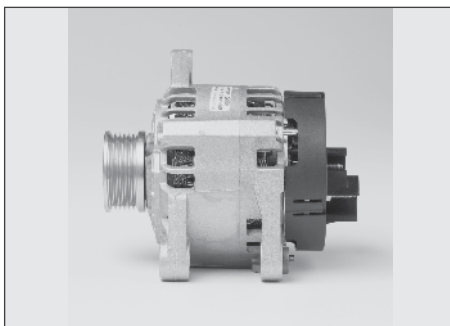
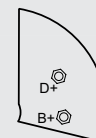


DAN502 **14V 120A**

= PVF (OAP)
 TPC = D+ M5
 MB (mm) = 2xØ12.2; 1xØ10.8
 TB = -

Ri = 6
 B+ = M8
 D = 44.5 mm
 Ro = CW

ØA = 62 mm
 C = 54.5 mm
 E = D

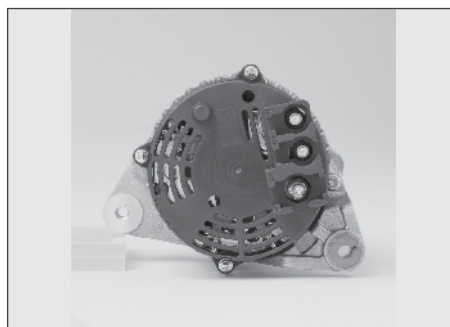
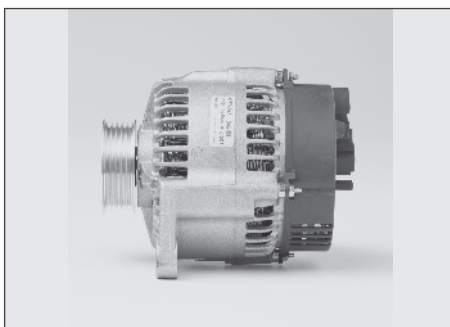
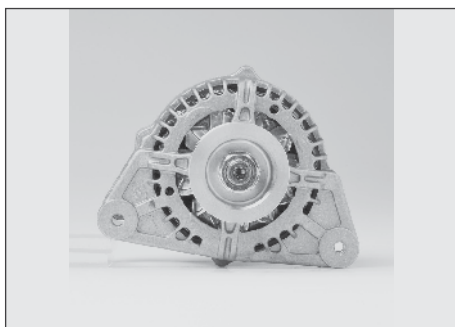
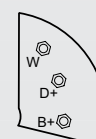


DAN504 **14V 70A**

= PV
 TPC = D+ M5; W M5
 MB (mm) = 1xØ8.2; 1xØ8
 TB = 1xM8

Ri = 5
 B+ = M6
 D = 33.3 mm
 Ro = CW

ØA = 60 mm
 C = 75.5 mm
 E = D

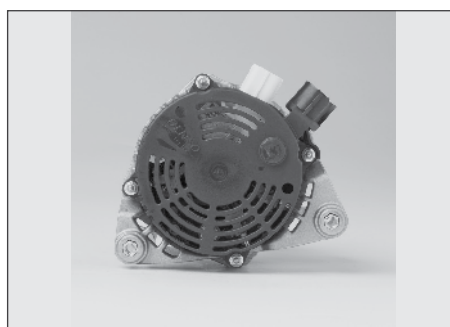
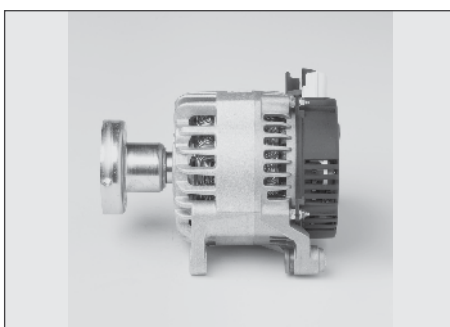
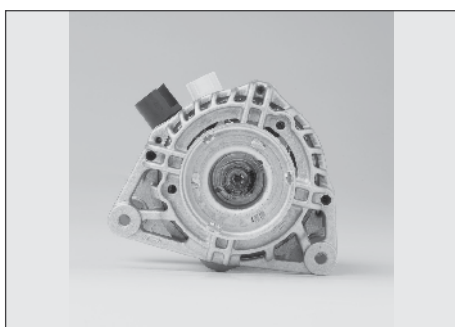
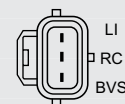


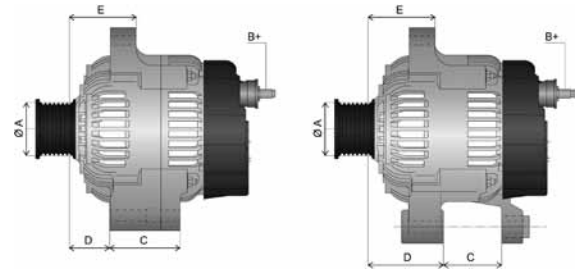
DAN505 **14V 90A**

= DSP
 TPC = PL10
 MB (mm) = 2xØ8.2
 TB = 2xM8

Ri = -
 B+ = M6
 D = 86 mm
 Ro = CW

ØA = 78 mm
 C = 61.8 mm
 E = D

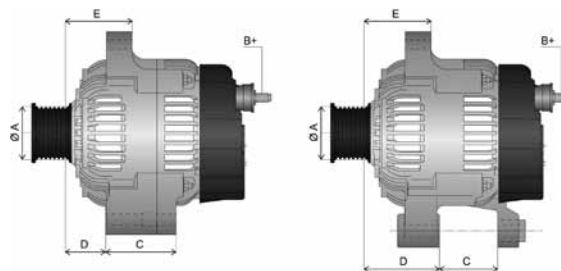




DAN506			14V	120A
<p> = PVF (OAP)</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ12.2</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 52 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 61 mm</p> <p>E = 57.5 mm</p>		

DAN507			14V	80A
<p> = PV</p> <p>TPC = PL10</p> <p>MB (mm) = 2xØ8.2</p> <p>TB = 2xM8</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 33.3 mm</p> <p>Ro = CW</p>	<p>ØA = 48.3 mm</p> <p>C = 61.8 mm</p> <p>E = -</p>		

DAN509			14V	130A
<p> = PVF (OAP)</p> <p>TPC = D+ M5; DFM M6</p> <p>MB (mm) = 2xØ12.2</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 52 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 61 mm</p> <p>E = 57.5 mm</p>		

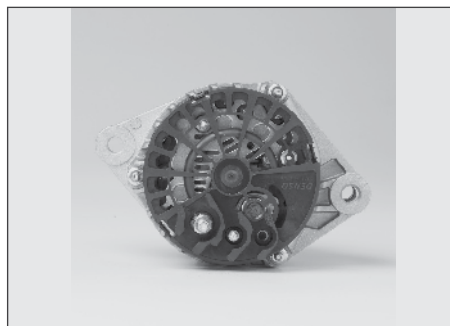
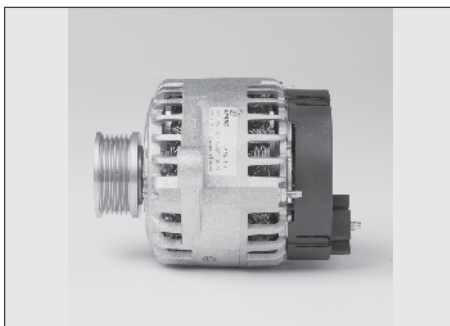
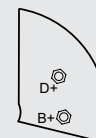


DAN510 **14V 105A**

= PVF (OAP)
 TPC = D+ M5
 MB (mm) = 2xØ12.2
 TB = -

Ri = 6
 B+ = M8
 D = 52 mm
 Ro = CW

ØA = 62 mm
 C = 61 mm
 E = 57.5 mm

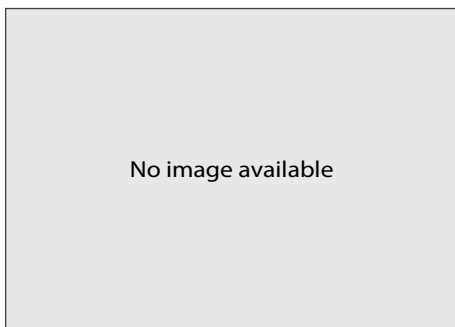


DAN511 **14V 65A**

= PV
 TPC = D+ M5
 MB (mm) = 2xØ10.2; 1x(11x44)
 TB = -

Ri = 4
 B+ = M8
 D = 22.2 mm
 Ro = CW

ØA = 60 mm
 C = 32.3 mm
 E = 156 mm

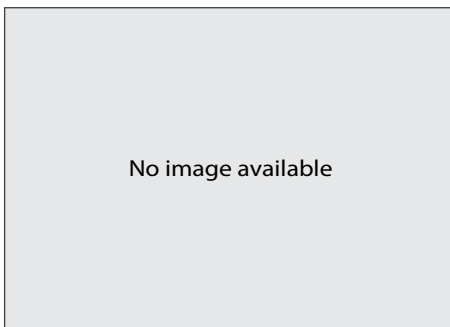
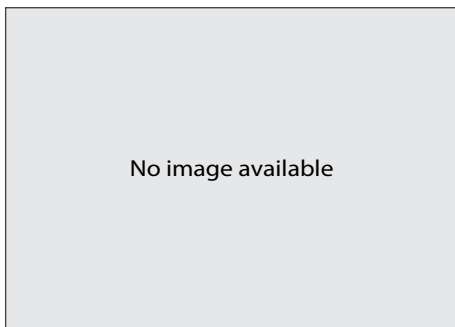


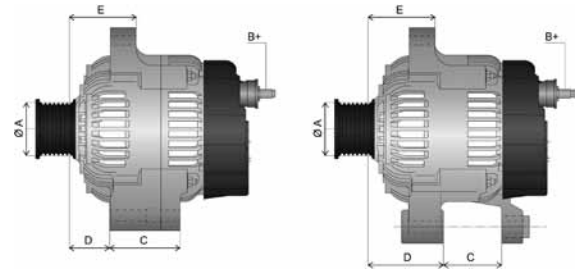
DAN512 **14V 140A**

= PV
 TPC = D+ M5
 MB (mm) = 2xØ12.2; 1xØ11
 TB = -

Ri = 6
 B+ = M8
 D = 44.6 mm
 Ro = CW

ØA = 62 mm
 C = 54.5 mm
 E = D





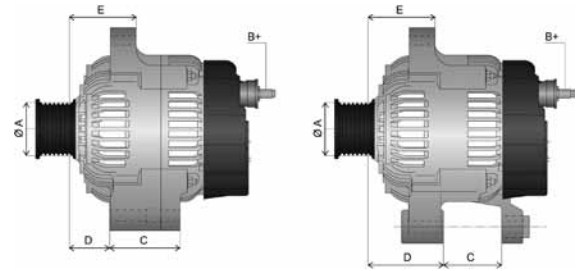
DAN513			14V	120A
<p> = PVF (OAP)</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ12.2</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 52 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 61 mm</p> <p>E = 57.5 mm</p>		

DAN514			14V	140A
<p> = PVF (OAP)</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ12.2</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 52 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 61 mm</p> <p>E = 57.5 mm</p>		

DAN515			14V	90A
<p> = PV</p> <p>TPC = PL01</p> <p>MB (mm) = 1xØ10.1; 1xØ10.6</p> <p>TB = 2xM10</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 42.6 mm</p> <p>Ro = CW</p>	<p>ØA = 49 mm</p> <p>C = 46 mm</p> <p>E = D</p>	<p>L DF</p>	

Starters & Alternators

Photo Guide – Alternators

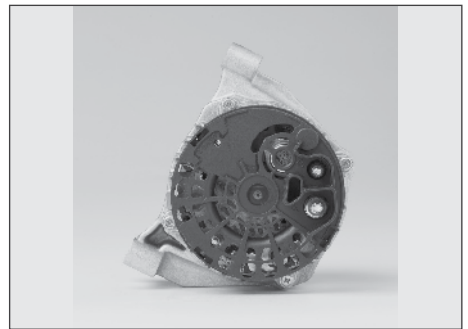
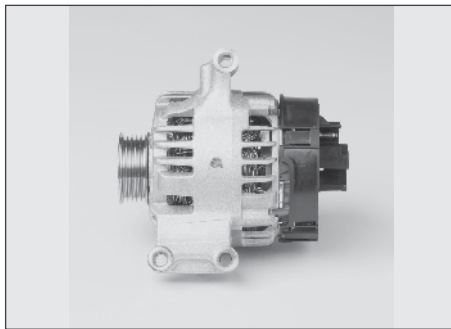
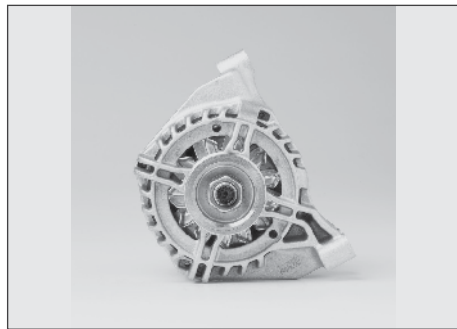
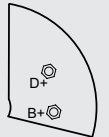


DAN517 14V 70A

= PV
 TPC = D+ M5
 MB (mm) = 3xØ8.5
 TB = -

Ri = 5
 B+ = M8
 D = 16.7 mm
 Ro = CW

ØA = 54 mm
 C = 50 mm
 E = 66.7 mm

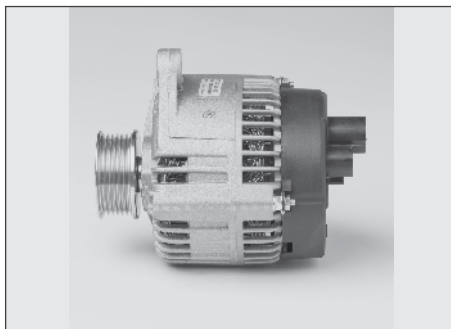
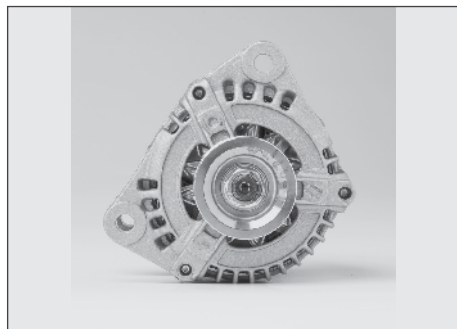
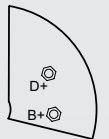


DAN518 14V 100A

= PV
 TPC = D+ M5
 MB (mm) = 3xØ12
 TB = -

Ri = 6
 B+ = M8
 D = 38 mm
 Ro = CW

ØA = 62 mm
 C = 54.5 mm
 E = D

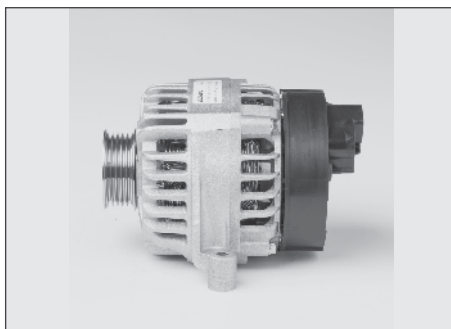
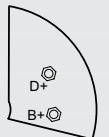


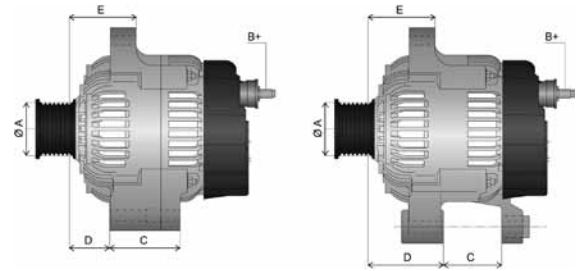
DAN519 14V 90A

= PV
 TPC = D+ M5
 MB (mm) = 3xØ8.5
 TB = -

Ri = 5
 B+ = M8
 D = 16.7 mm
 Ro = CW

ØA = 54 mm
 C = 50 mm
 E = -

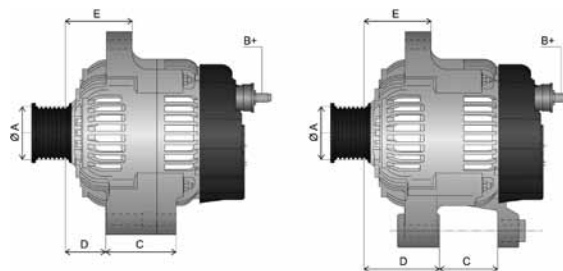




DAN520			14V	90A
<p> = PVF (OAP)</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ12.2; 1xØ10.8</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 44.5 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 54.5 mm</p> <p>E = D</p>		

DAN521			14V	75A
<p> = PV</p> <p>TPC = D+ M5; PH IN M5</p> <p>MB (mm) = 1xØ10.3; 1xØ11.3</p> <p>TB = -</p>	<p>Ri = 4</p> <p>B+ = M6</p> <p>D = 32.2 mm</p> <p>Ro = CW</p>	<p>ØA = 58 mm</p> <p>C = 58 mm</p> <p>E = 61.2 mm</p>		

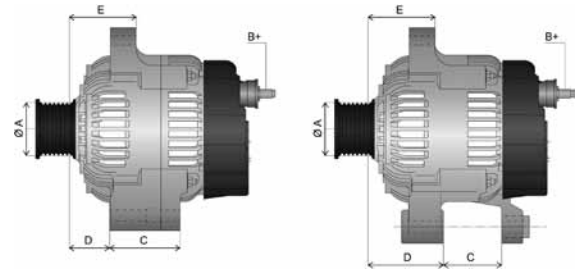
DAN525			14V	75A
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 1xØ16.5; 2xØ12.2</p> <p>TB = -</p>	<p>Ri = 5</p> <p>B+ = M8</p> <p>D = 58.8 mm</p> <p>Ro = CW</p>	<p>ØA = 60 mm</p> <p>C = 71 mm</p> <p>E = 71.8 mm</p>		



DAN562			14V	90A
<p> = PV</p> <p>TPC = PL10</p> <p>MB (mm) = 2xØ8.2</p> <p>TB = 2xM8</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 33.3 mm</p> <p>Ro = CW</p>	<p>ØA = 48.3 mm</p> <p>C = 61.8 mm</p> <p>E = D</p>		

DAN574			14V	55A
<p> = V</p> <p>TPC = D+ 6,3x0,8 mm</p> <p>MB (mm) = 1xØ10.2; 1x(11x44)</p> <p>TB = -</p>	<p>Ri = 1</p> <p>B+ = M6</p> <p>D = 57.5 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 32.5 mm</p> <p>E = D</p>		

DAN582			14V	105A
<p> = DSP</p> <p>TPC = PL10</p> <p>MB (mm) = 1xØ9; 1xØ8.5</p> <p>TB = 2xM8</p>	<p>Ri = -</p> <p>B+ = M8</p> <p>D = 78.4 mm</p> <p>Ro = CW</p>	<p>ØA = 78 mm</p> <p>C = 52 mm</p> <p>E = D</p>		



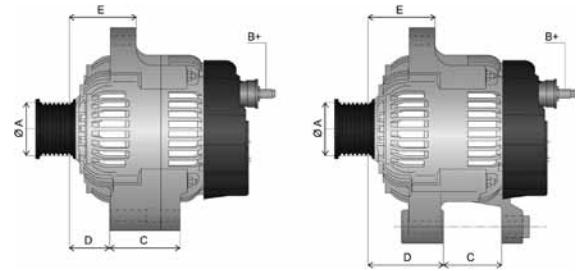
DAN583			14V	70A
<p> = PVF (OAP)</p> <p>TPC = PL04</p> <p>MB (mm) = 3xØ8.5</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 41.7 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 55 mm</p> <p>E = 66.7 mm</p>		

DAN584			14V	105A
<p> = PVF (OAP)</p> <p>TPC = PL04</p> <p>MB (mm) = 3xØ8.5</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 41.7 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 55 mm</p> <p>E = 66.7 mm</p>		

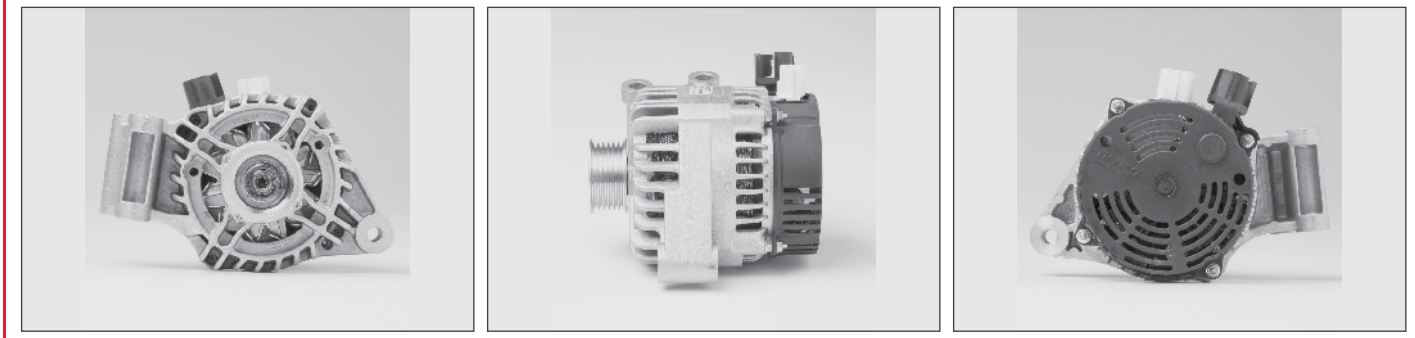
DAN585			14V	120A
<p> = PVF (OAP)</p> <p>TPC = PL04</p> <p>MB (mm) = 3xØ8.5</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 41.7 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 55 mm</p> <p>E = 66.7 mm</p>		

Starters & Alternators

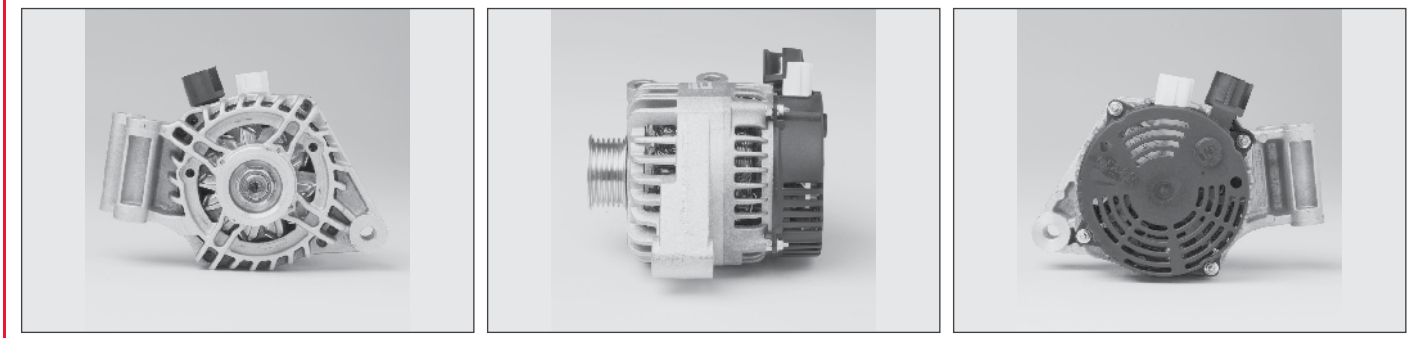
Photo Guide – Alternators



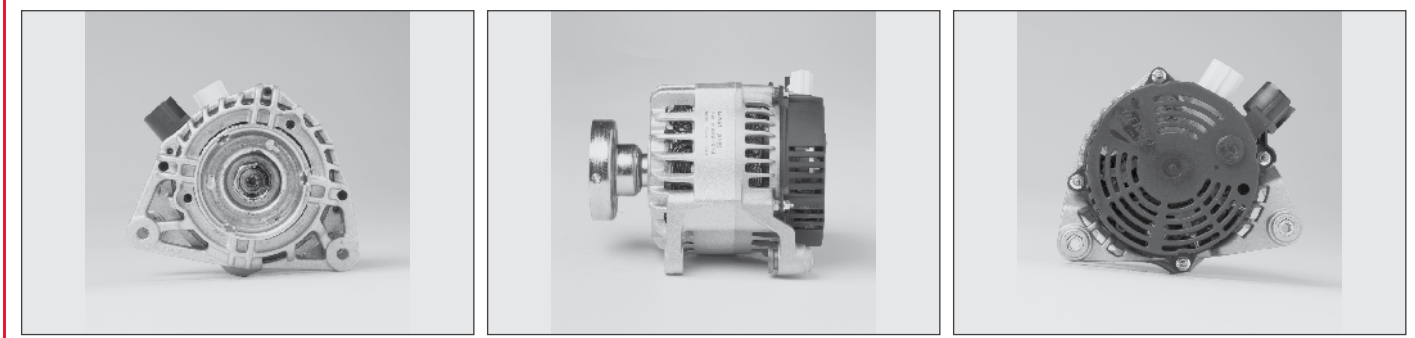
DAN587		14V 80A
<p> = PV</p> <p>TPC = PL10</p> <p>MB (mm) = 2xØ12.5; 1xØ10.3</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 11 mm</p> <p>Ro = CW</p>	<p>ØA = 48.3 mm</p> <p>C = 50 mm</p> <p>E = 65 mm</p>

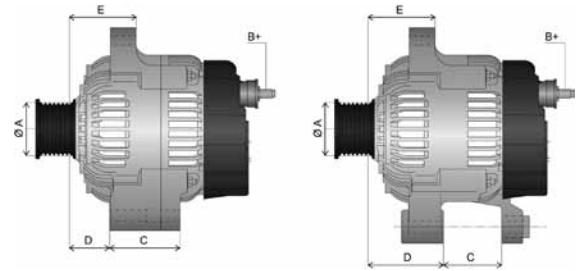


DAN588		14V 105A
<p> = PV</p> <p>TPC = PL10</p> <p>MB (mm) = 2xØ12.5; 1xØ10.3</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 11 mm</p> <p>Ro = CW</p>	<p>ØA = 48.3 mm</p> <p>C = 50 mm</p> <p>E = 65 mm</p>



DAN590		14V 90A
<p> = DSP</p> <p>TPC = PL10</p> <p>MB (mm) = 2xØ8.2</p> <p>TB = 2xM8</p>	<p>Ri = -</p> <p>B+ = M6</p> <p>D = 86 mm</p> <p>Ro = CW</p>	<p>ØA = 78 mm</p> <p>C = 61.8 mm</p> <p>E = D</p>

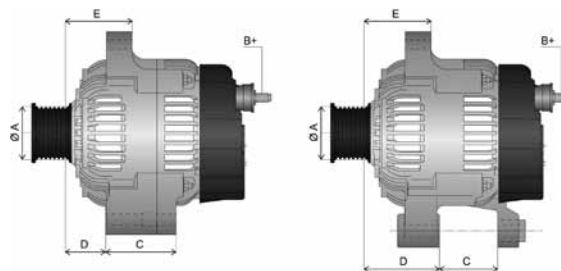




DAN591			14V	70A
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 3xØ8.5</p> <p>TB = -</p>	<p>Ri = 5</p> <p>B+ = M8</p> <p>D = 16.7 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 50 mm</p> <p>E = 66.7 mm</p>		

DAN596			14V	70A
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 3xØ8.5</p> <p>TB = -</p>	<p>Ri = 5</p> <p>B+ = M8</p> <p>D = 16.7 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 50 mm</p> <p>E = 66.7 mm</p>		

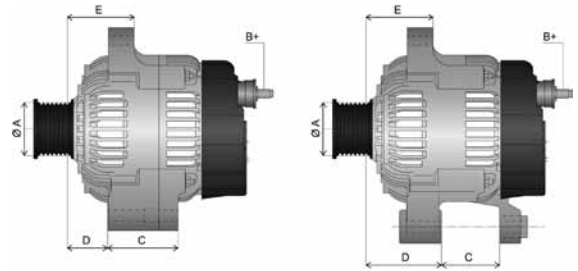
DAN597			14V	105A
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 3xØ8.5</p> <p>TB = -</p>	<p>Ri = 5</p> <p>B+ = M8</p> <p>D = 16.7 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 50 mm</p> <p>E = 66.7 mm</p>		



DAN599		14V	105A
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 3xØ8.5</p> <p>TB = -</p>	<p>Ri = 5</p> <p>B+ = M8</p> <p>D = 16.7 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 50 mm</p> <p>E = 66.7 mm</p>	

DAN603		28V	30A
<p> = W/O P</p> <p>TPC = D+ 6,3x0,8 mm</p> <p>MB (mm) = 2xØ12.2; 1xØ11</p> <p>TB = -</p>	<p>Ri = -</p> <p>B+ = M6</p> <p>D = 65 mm</p> <p>Ro = CW</p>	<p>ØA = -</p> <p>C = 64 mm</p> <p>E = D</p>	<p> D+</p> <p> B+</p>

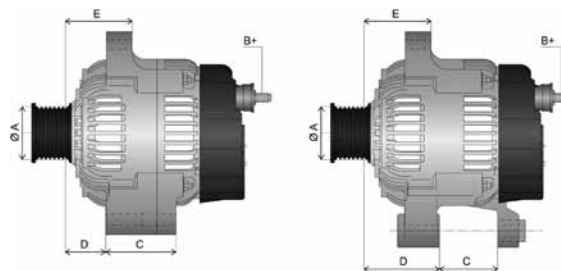
DAN607		14V	65A
<p> = PV</p> <p>TPC = D+ 6,3x0,8 mm</p> <p>MB (mm) = 2xØ12.2; 1xØ11</p> <p>TB = -</p>	<p>Ri = 2</p> <p>B+ = M6</p> <p>D = 55 mm</p> <p>Ro = CW</p>	<p>ØA = 88 mm</p> <p>C = 65 mm</p> <p>E = D</p>	<p> D+</p> <p> B+</p>
No image available	No image available	No image available	



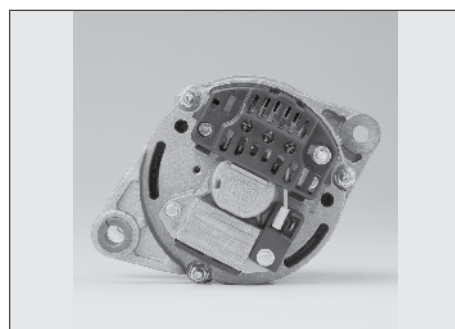
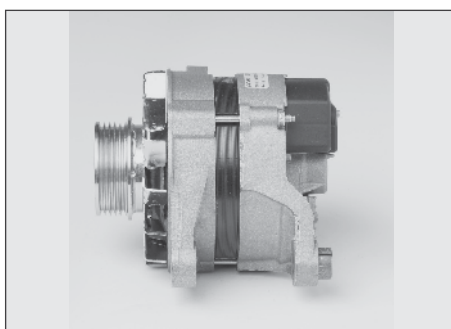
DAN608			14V	65A
<p> = V</p> <p>TPC = D+ 6,3x0,8 mm</p> <p>MB (mm) = 2xØ12.2; 1xØ11</p> <p>TB = -</p>	<p>Ri = 1</p> <p>B+ = M6</p> <p>D = 47 mm</p> <p>Ro = CW</p>	<p>ØA = 70 mm</p> <p>C = 65 mm</p> <p>E = D</p>	<p> D+</p> <p> B+</p>	

DAN609			14V	55A
<p> = V</p> <p>TPC = D+ 6,3x0,8 mm</p> <p>MB (mm) = 2xØ12.2; 1xØ11</p> <p>TB = -</p>	<p>Ri = 1</p> <p>B+ = M6</p> <p>D = 49.2 mm</p> <p>Ro = CW</p>	<p>ØA = 86 mm</p> <p>C = 65 mm</p> <p>E = D</p>	<p> D+</p> <p> B+</p>	

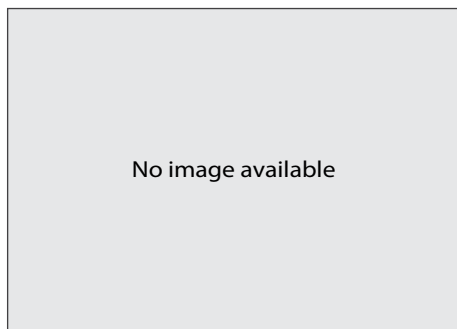
DAN610			14V	55A
<p> = V</p> <p>TPC = D+ 6,3x0,8 mm</p> <p>MB (mm) = 1xØ12.2; 1xØ11</p> <p>TB = 1xM10</p>	<p>Ri = 1</p> <p>B+ = M6</p> <p>D = 49.2 mm</p> <p>Ro = CW</p>	<p>ØA = 86 mm</p> <p>C = 65 mm</p> <p>E = D</p>	<p> D+</p> <p> B+</p>	



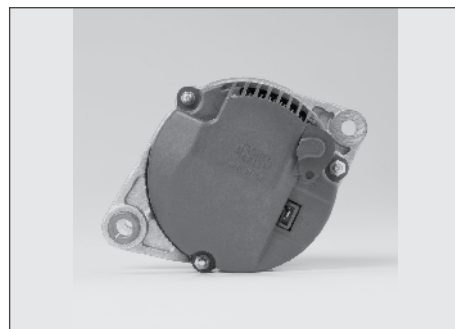
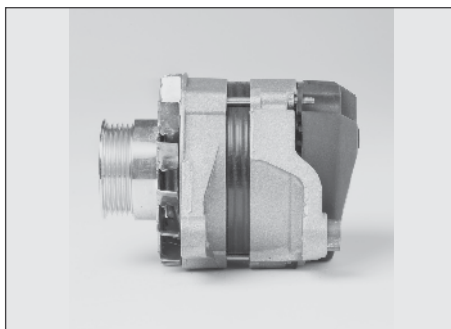
DAN611		14V	75A
= PV	Ri = 5	ØA = 64.5 mm	D+
TPC = D+ 6,3x0,8 mm	B+ = M6	C = 64 mm	B+
MB (mm) = 2xØ12.4; 1xØ10.7	D = 48 mm	E = 60 mm	
TB = -	Ro = CW		

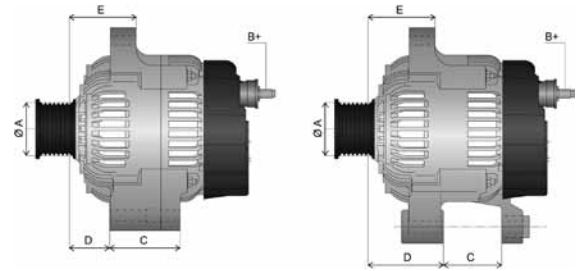


DAN613		14V	65A
= PV	Ri = 5	ØA = 64.5 mm	D+
TPC = D+ 6,3x0,8 mm	B+ = M6	C = 70 mm	B+
MB (mm) = 2xØ12.2; 1xØ11	D = 48.4 mm	E = -	
TB = -	Ro = CW		

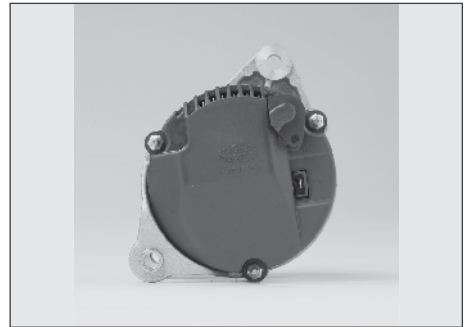
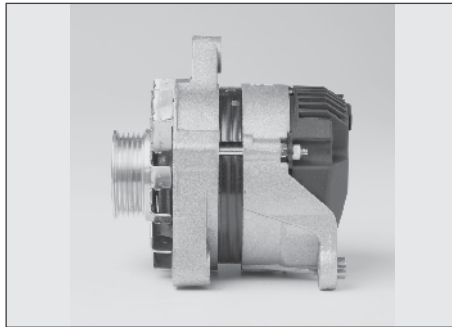


DAN615		14V	65A
= PV	Ri = 5	ØA = 65 mm	D+
TPC = D+ 6,3x0,8 mm	B+ = M6	C = 63.4 mm	B+
MB (mm) = 2xØ12.2; 1xØ11	D = 55.7 mm	E = 66.7 mm	
TB = -	Ro = CW		

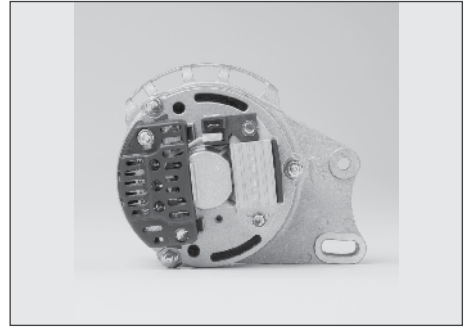
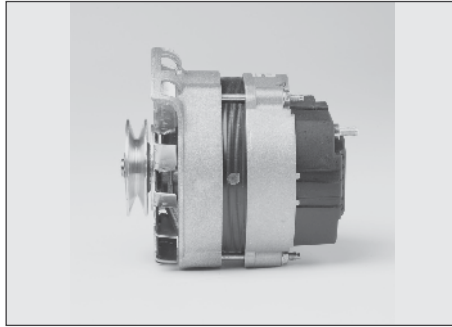
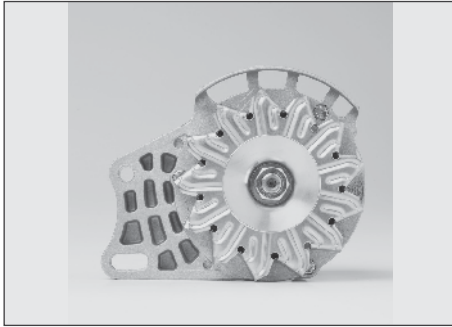




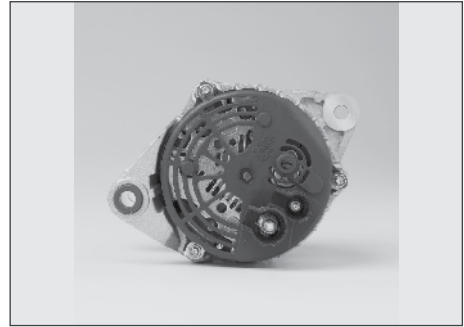
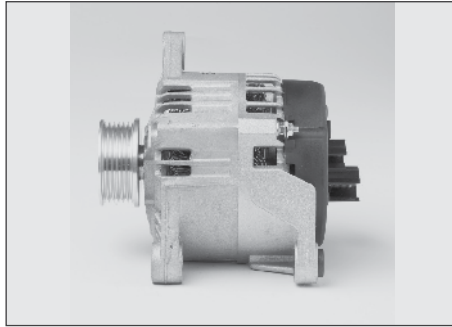
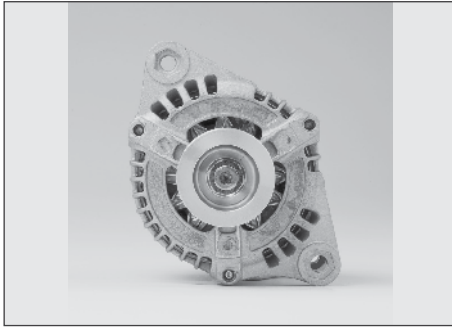
DAN617		14V 65A	
= PV	Ri = 5	ØA = 60 mm	D+
TPC = D+ 6,3x0,8 mm	B+ = M6	C = 73.4 mm	B+
MB (mm) = 1xØ11; 2xØ10.2	D = 49.5 mm	E = 56.5 mm	
TB = -	Ro = CW		

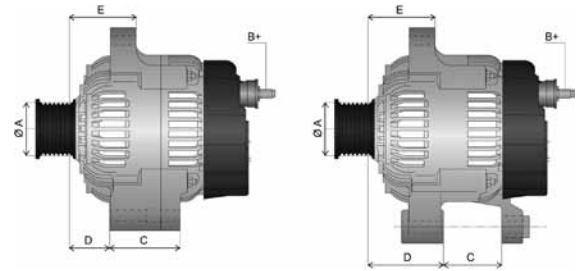


DAN618		14V 55A	
= V	Ri = 1	ØA = 68 mm	D+
TPC = D+ 6,3x0,8 mm	B+ = M6	C = 24 mm	B+
MB (mm) = 1xØ10.2; 1x(11x26)	D = 54.1 mm	E = -	
TB = -	Ro = CW		



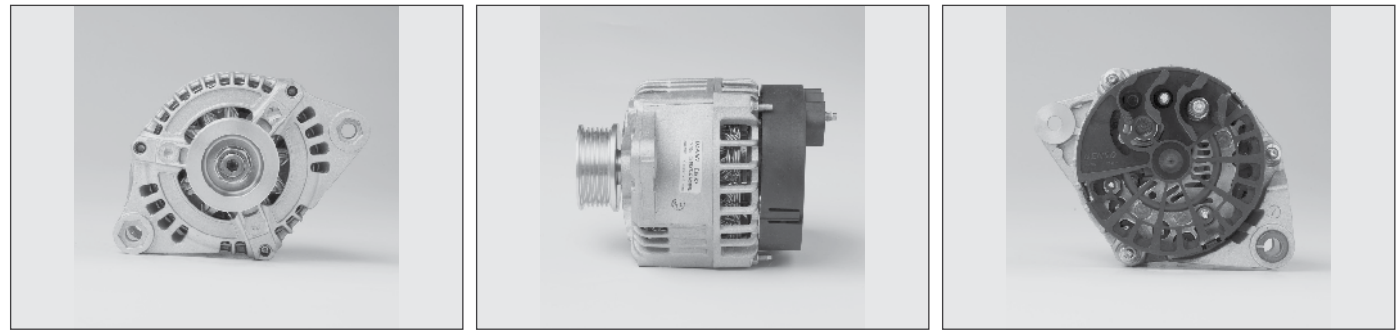
DAN621		14V 85A	
= PV	Ri = 6	ØA = 62 mm	D+ B+
TPC = D+ M5	B+ = M8	C = 82 mm	
MB (mm) = 2xØ12.2; 1xØ11.4	D = 41 mm	E = 43 mm	
TB = -	Ro = CW		





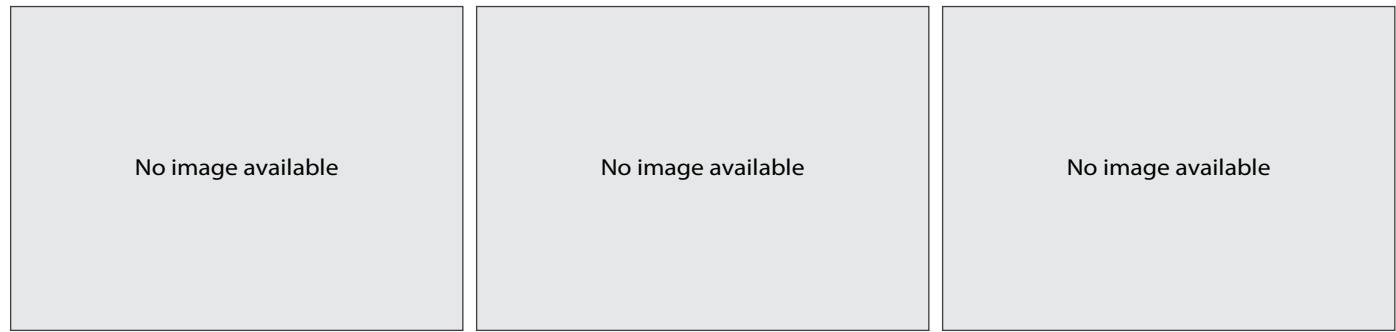
DAN623 **14V 100A**

<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ12.2; 1xØ11.4</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 41 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 82 mm</p> <p>E = 43 mm</p>	
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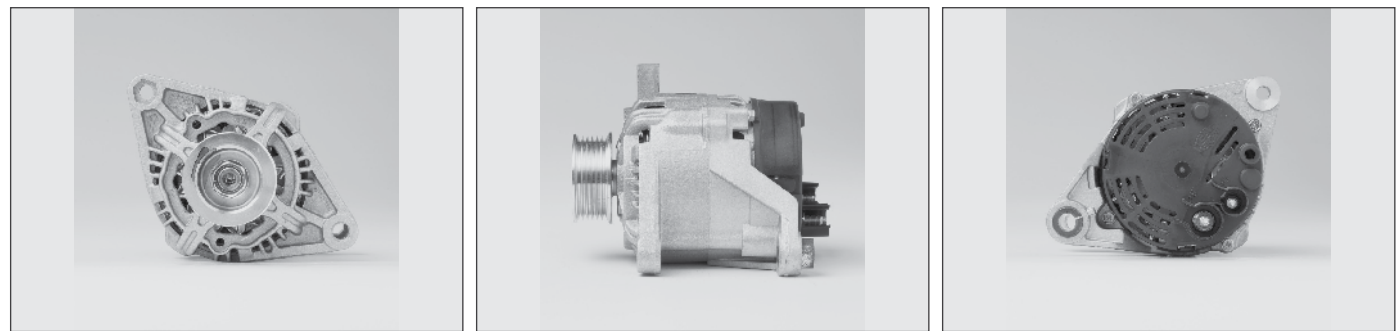
DAN627 **14V 75A**

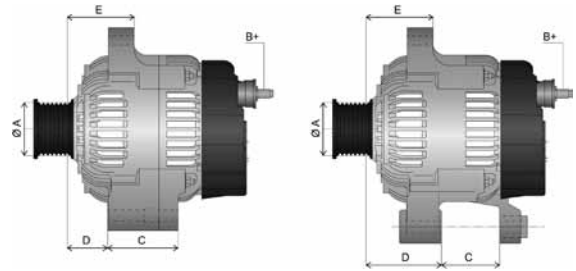
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ12.2; 1xØ11</p> <p>TB = -</p>	<p>Ri = 5</p> <p>B+ = M8</p> <p>D = 41 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 82 mm</p> <p>E = D</p>	
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DAN628 **14V 85A**

<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ12.2; 1xØ11</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 41 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 82.1 mm</p> <p>E = D</p>	
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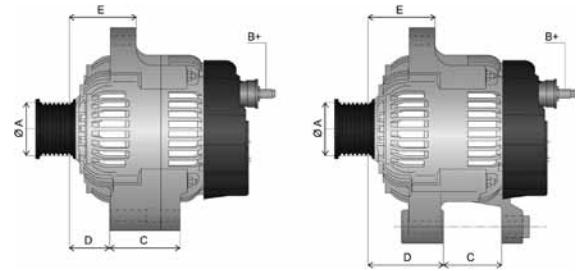




DAN629			14V	90A
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ12.2; 1x(11x44)</p> <p>TB = -</p>	<p>Ri = 4</p> <p>B+ = M8</p> <p>D = 44 mm</p> <p>Ro = CW</p>	<p>ØA = 60 mm</p> <p>C = 83.5 mm</p> <p>E = -</p>		

DAN630			14V	65A
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ10.2; 1x(11x44)</p> <p>TB = -</p>	<p>Ri = 4</p> <p>B+ = M8</p> <p>D = 30 mm</p> <p>Ro = CW</p>	<p>ØA = 60 mm</p> <p>C = 32.3 mm</p> <p>E = 164 mm</p>		
No image available	No image available	No image available		

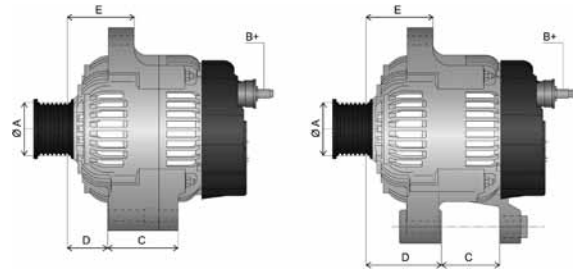
DAN631			14V	90A
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 1xØ10.3; 1xØ8.6; 1x(11x39)</p> <p>TB = -</p>	<p>Ri = 4</p> <p>B+ = M8</p> <p>D = 21.7 mm</p> <p>Ro = CW</p>	<p>ØA = 60 mm</p> <p>C = 32.8 mm</p> <p>E = 103.5 mm</p>		



DAN632		14V 100A	
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ12.2; 1xØ10.8</p> <p>TB = -</p>	<p>Ri = 7</p> <p>B+ = M8</p> <p>D = 41 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 54.5 mm</p> <p>E = D</p>	

DAN633		14V 85A	
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ12.2; 1xØ10.8</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 44.5 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 54.5 mm</p> <p>E = D</p>	

DAN634		14V 100A	
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ12.2; 1xØ10.8</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 44.5 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 54.5 mm</p> <p>E = D</p>	



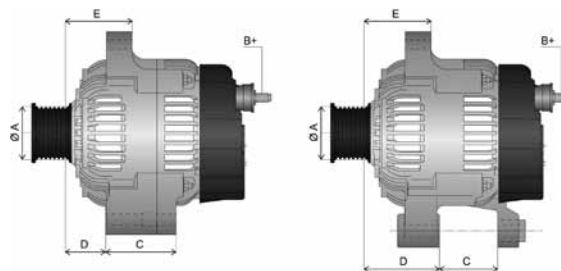
DAN636			14V	85A
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ12; 1xØ10.8</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 42 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 54.5 mm</p> <p>E = D</p>		

DAN640			14V	65A
<p> = PVF (OAP)</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ12.2; 1xØ10.8</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 44.5 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 54.5 mm</p> <p>E = D</p>		

DAN641			14V	120A
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ12.2; 1xØ10.8</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 44.5 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 54.5 mm</p> <p>E = D</p>		

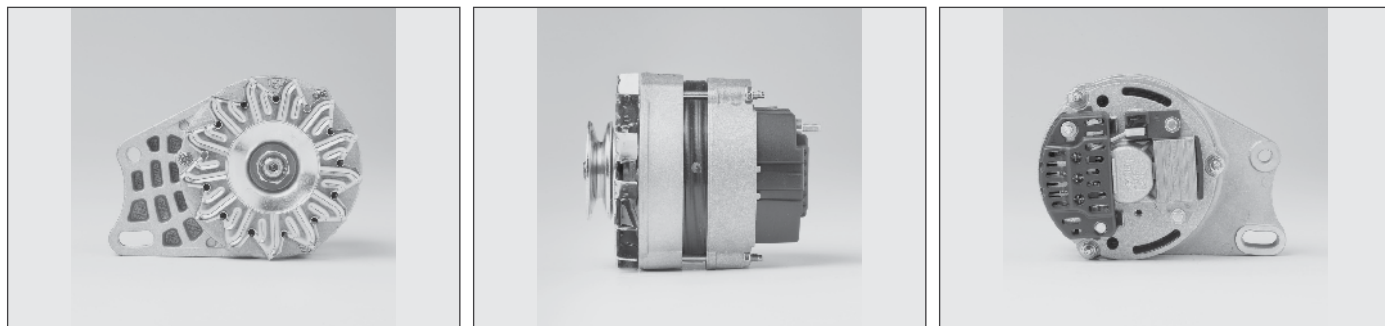
Starters & Alternators

Photo Guide – Alternators



DAN645 14V 55A

<p> = V</p> <p>TPC = D+ 6,3x0,8 mm</p> <p>MB (mm) = 1xØ10.2; 1x(11x26)</p> <p>TB = -</p>	<p>Ri = 1</p> <p>B+ = M6</p> <p>D = 54.1 mm</p> <p>Ro = CW</p>	<p>ØA = 66 mm</p> <p>C = 24 mm</p> <p>E = -</p>	<p> D+</p> <p> B+</p>
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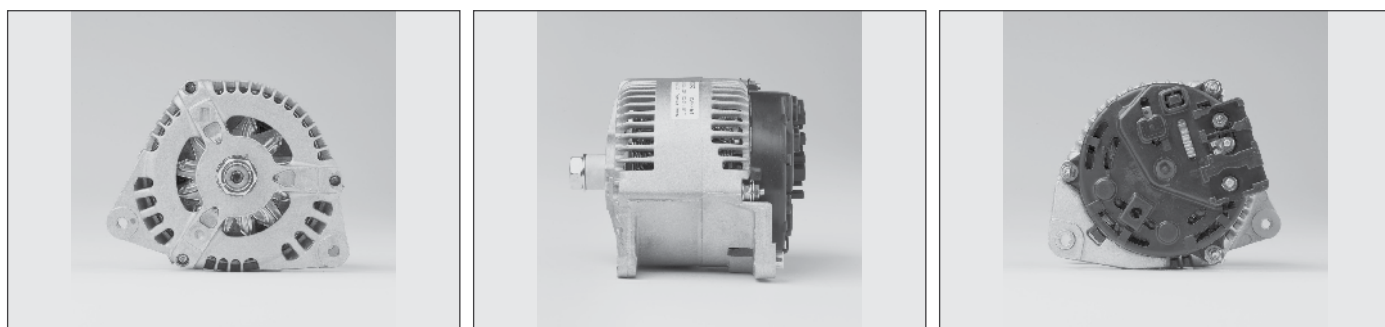
DAN648 14V 75A

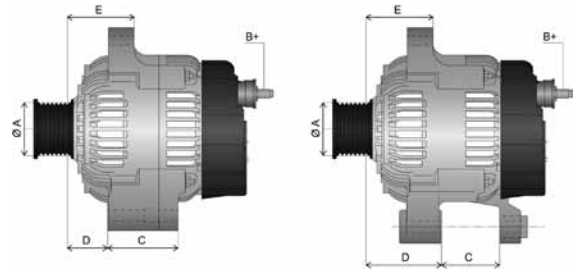
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 1xØ11.3; 1xØ10.3</p> <p>TB = -</p>	<p>Ri = 4</p> <p>B+ = M6</p> <p>D = 32.2 mm</p> <p>Ro = CW</p>	<p>ØA = 58 mm</p> <p>C = 58 mm</p> <p>E = 61.2 mm</p>	<p></p>
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DAN651* 28V 55A

<p> = W/O P</p> <p>TPC = D+ M5; W M5</p> <p>MB (mm) = 2xØ8.2</p> <p>TB = 1xM8</p>	<p>Ri = -</p> <p>B+ = M6</p> <p>D = 53 mm</p> <p>Ro = CW</p>	<p>ØA = -</p> <p>C = 82.6 mm</p> <p>E = D</p>	<p></p>
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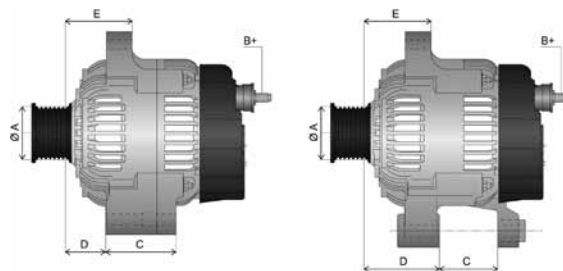




DAN652*			28V	80A
<p>☉ = W/O P</p> <p>TPC = D+ M5; W M5</p> <p>MB (mm) = 2xØ8.2</p> <p>TB = 1xM8</p>	<p>Ri = -</p> <p>B+ = M6</p> <p>D = 53 mm</p> <p>Ro = CW</p>	<p>ØA = -</p> <p>C = 82.6 mm</p> <p>E = D</p>		

DAN653*			14V	65A
<p>☉ = W/O P</p> <p>TPC = D+ M5; W M5</p> <p>MB (mm) = 2xØ8.2</p> <p>TB = 1xM8</p>	<p>Ri = -</p> <p>B+ = M6</p> <p>D = 53 mm</p> <p>Ro = CW</p>	<p>ØA = -</p> <p>C = 82 mm</p> <p>E = -</p>		

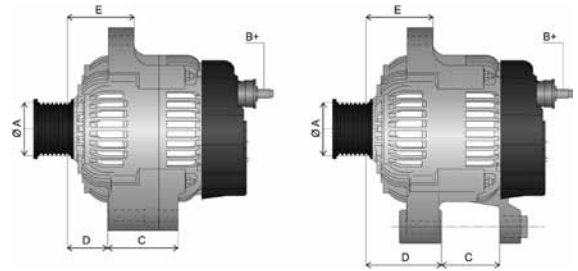
DAN654*			14V	75A
<p>☉ = W/O P</p> <p>TPC = D+ M5; W M5</p> <p>MB (mm) = 2xØ8.2</p> <p>TB = 1xM8</p>	<p>Ri = -</p> <p>B+ = M6</p> <p>D = 53 mm</p> <p>Ro = CW</p>	<p>ØA = -</p> <p>C = 82 mm</p> <p>E = -</p>		



DAN655*		14V	85A
<p>☉ = W/O P</p> <p>TPC = D+ M5; W M5</p> <p>MB (mm) = 2xØ8.2</p> <p>TB = 1xM8</p>	<p>Ri = -</p> <p>B+ = M6</p> <p>D = 53 mm</p> <p>Ro = CW</p>	<p>ØA = -</p> <p>C = 82 mm</p> <p>E = -</p>	

DAN670		14V	120A
<p>☉ = PV</p> <p>TPC = PL07</p> <p>MB (mm) = 1xØ10.2</p> <p>TB = 1xM8</p>	<p>Ri = 7</p> <p>B+ = M8</p> <p>D = 73.6 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 69.8 mm</p> <p>E = 66 mm</p>	

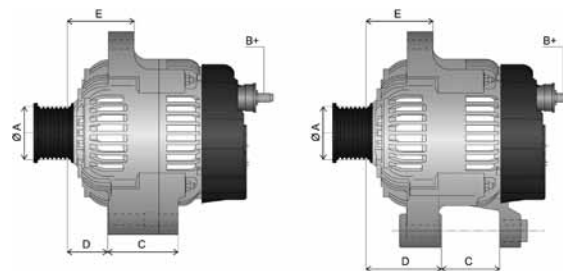
DAN671		14V	120A
<p>☉ = PV</p> <p>TPC = PL13</p> <p>MB (mm) = 1xØ10.2</p> <p>TB = 1xM8</p>	<p>Ri = 5</p> <p>B+ = M8</p> <p>D = 32.2 mm</p> <p>Ro = CW</p>	<p>ØA = 50.5 mm</p> <p>C = 58 mm</p> <p>E = 54.2 mm</p>	



DAN672			14V	120A
<p> = PV</p> <p>TPC = PL07</p> <p>MB (mm) = 1xØ10.2; 1xØ8.5</p> <p>TB = -</p>	<p>Ri = 7</p> <p>B+ = M8</p> <p>D = 32.2 mm</p> <p>Ro = CW</p>	<p>ØA = 47.7 mm</p> <p>C = 58 mm</p> <p>E = 54.2 mm</p>		

DAN673			14V	90A
<p> = PV</p> <p>TPC = PL07</p> <p>MB (mm) = 1xØ10.2</p> <p>TB = 1xM8</p>	<p>Ri = 5</p> <p>B+ = M6</p> <p>D = 32.2 mm</p> <p>Ro = CW</p>	<p>ØA = 48 mm</p> <p>C = 58 mm</p> <p>E = 54.2 mm</p>		

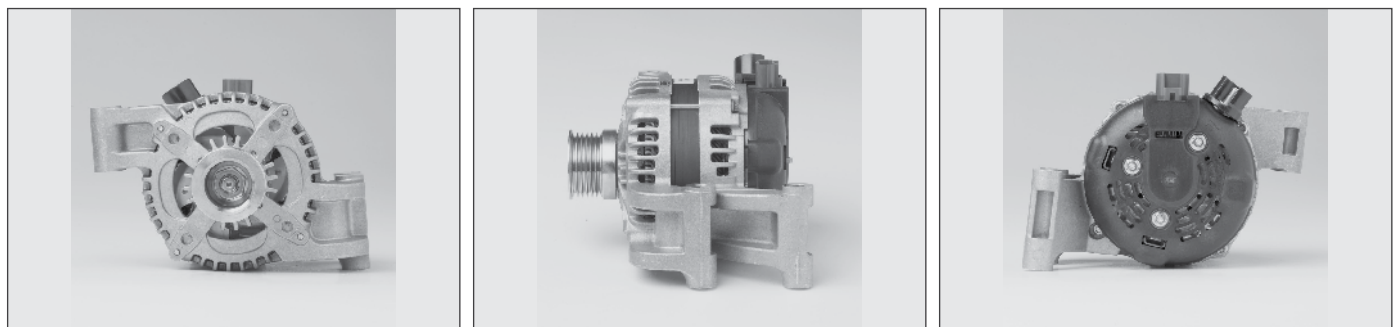
DAN674			14V	105A
<p> = PV</p> <p>TPC = PL07</p> <p>MB (mm) = 2xØ10.2</p> <p>TB = -</p>	<p>Ri = 5</p> <p>B+ = M6</p> <p>D = 32.2 mm</p> <p>Ro = CW</p>	<p>ØA = 48 mm</p> <p>C = 58 mm</p> <p>E = 63.2 mm</p>		



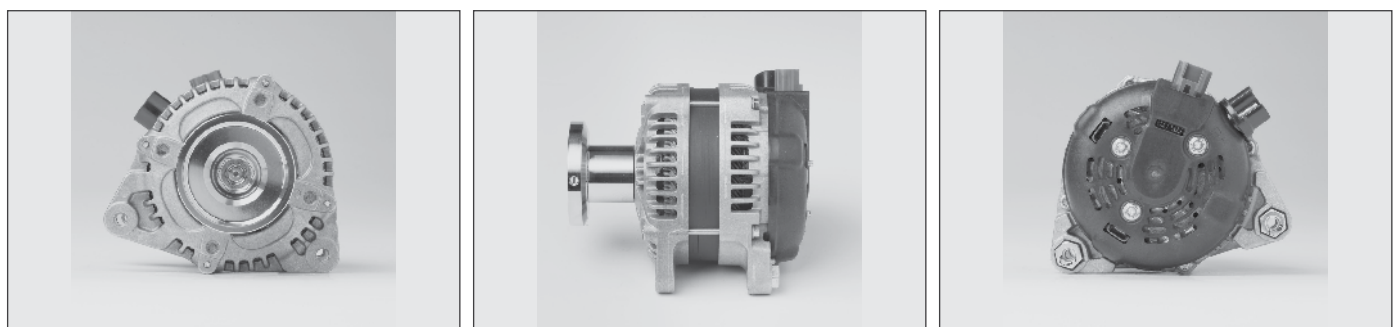
DAN930		14V	150A
= PVF (OAP) TPC = PL10 MB (mm) = 1xØ10.1; 1xØ10.6 TB = 2xM10	Ri = 6 B+ = M8 D = 42.6 mm Ro = CW	ØA = 54.3 mm C = 46.2 mm E = D	

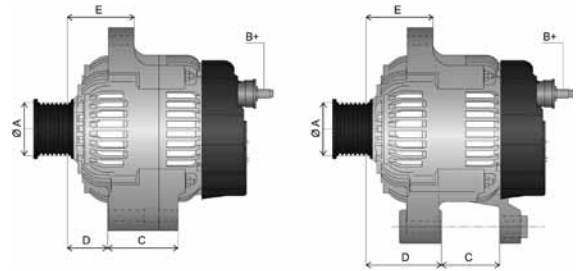


DAN931		14V	150A
= PV TPC = PL10 MB (mm) = 1xØ8.2; 1xØ9.2; 1x(8.25x9.2) TB = -	Ri = 6 B+ = M8 D = 75 mm Ro = CW	ØA = 49 mm C = 68.7 mm E = 40 mm	

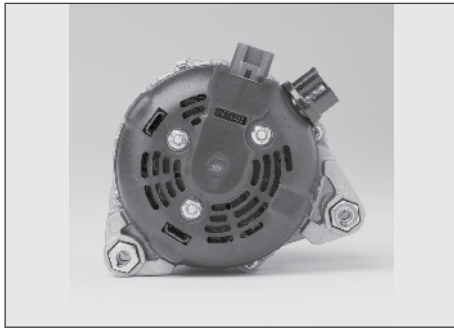
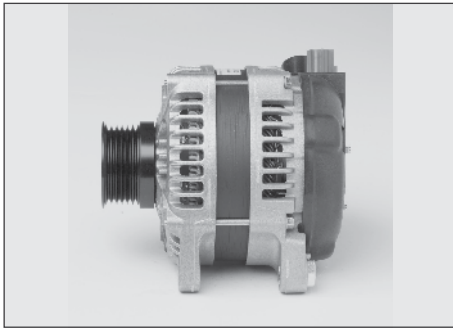
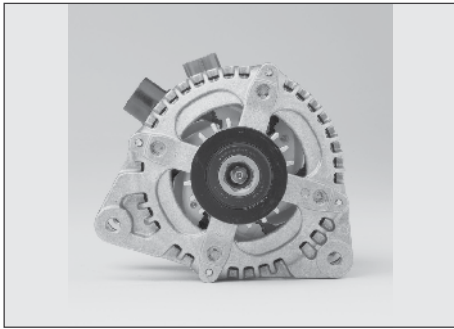


DAN932		14V	150A
= DSP TPC = PL10 MB (mm) = 2xØ8.2 TB = 2xM8	Ri = - B+ = M8 D = 77.5 mm Ro = CW	ØA = 78 mm C = 52 mm E = D	

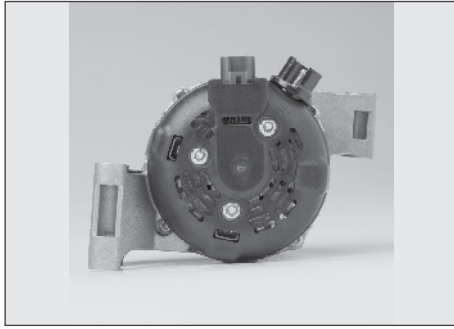
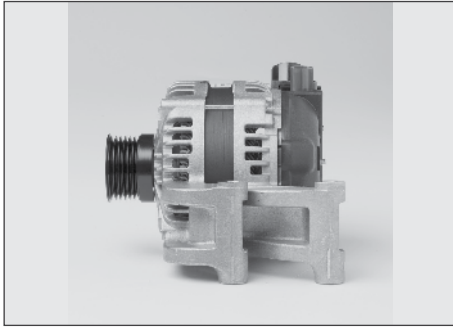
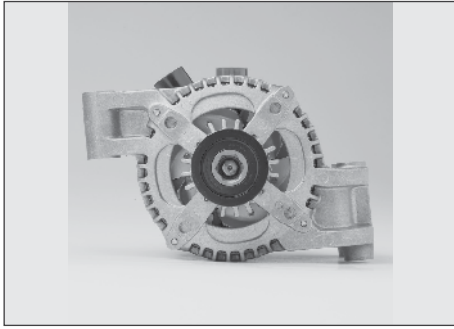




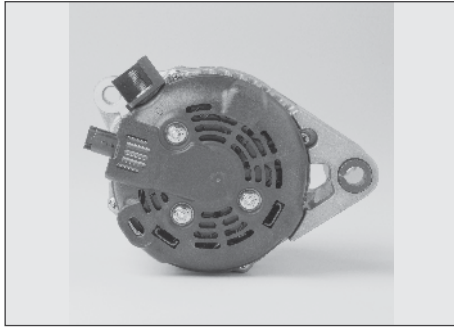
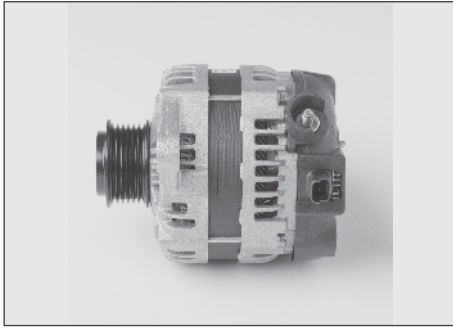
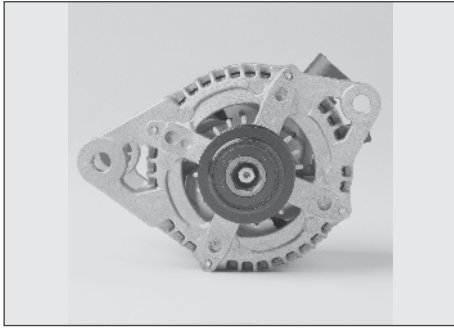
DAN933		14V	150A
= PVF (OAP) TPC = PL10 MB (mm) = 2xØ8.2 TB = 2xM8	Ri = 6 B+ = M8 D = 42 mm Ro = CW	ØA = 54.3 mm C = 52 mm E = D	



DAN934		14V	150A
= PVF (OAP) TPC = PL10 MB (mm) = 1xØ8.2; 1xØ9.2; 1x(8.25x9.2) TB = -	Ri = 6 B+ = M8 D = 75 mm Ro = CW	ØA = 49 mm C = 68.7 mm E = 40 mm	

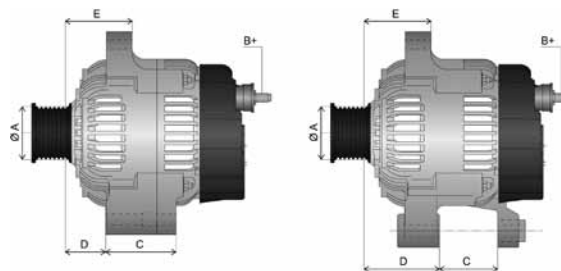


DAN935		14V	150A
= PVF (OAP) TPC = PL01 MB (mm) = 1xØ11.1; 1xØ12.2; 1xØ12.5 TB = -	Ri = 6 B+ = M8 D = 26.1 mm Ro = CW	ØA = 55 mm C = 65 mm E = D	

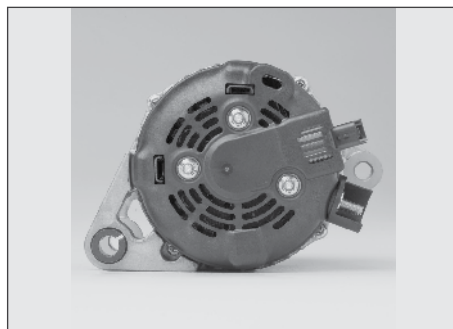
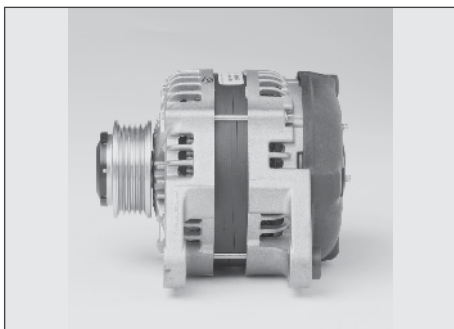


Starters & Alternators

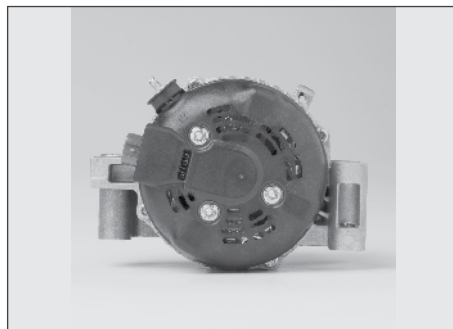
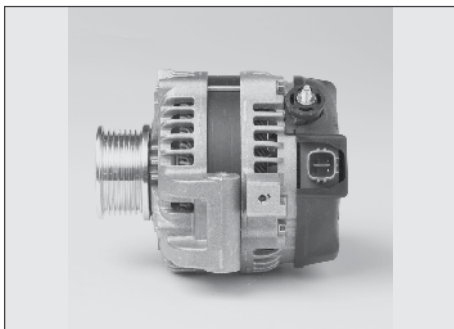
Photo Guide – Alternators



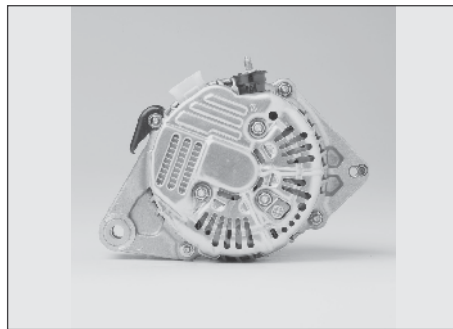
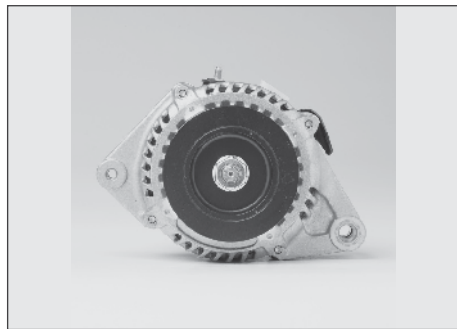
DAN936		14V	150A
<p> = PVF (OAP)</p> <p>TPC = PL01</p> <p>MB (mm) = 1xØ11.1; 1xØ12.2; 1xØ12.5</p> <p>TB = -</p>	<p>Ri = 5</p> <p>B+ = M8</p> <p>D = 27.9 mm</p> <p>Ro = CW</p>	<p>ØA = 61.5 mm</p> <p>C = 65 mm</p> <p>E = D</p>	<p>L DF</p>

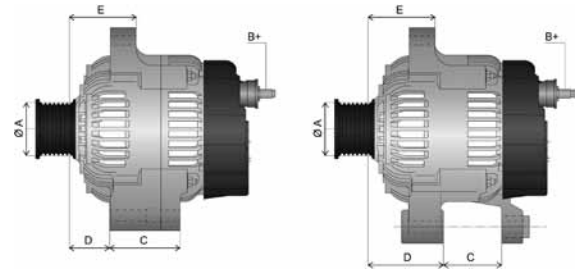


DAN938		14V	100A
<p> = PVF (OAP)</p> <p>TPC = PL17</p> <p>MB (mm) = 1xØ8.4; 1xØ10.4; 1x(11.2x8.8)</p> <p>TB = 2xM6</p>	<p>Ri = 7</p> <p>B+ = M6</p> <p>D = 24.3 mm</p> <p>Ro = CW</p>	<p>ØA = 58 mm</p> <p>C = 71 mm</p> <p>E = 55.3 mm</p>	<p>IG RLO</p> <p>L M</p>



DAN939		14V	120A
<p> = V</p> <p>TPC = PL16</p> <p>MB (mm) = 1xØ10.2</p> <p>TB = 1xM8</p>	<p>Ri = 1</p> <p>B+ = M6</p> <p>D = 43 mm</p> <p>Ro = CW</p>	<p>ØA = 97.5 mm</p> <p>C = 53 mm</p> <p>E = 72 mm</p>	<p>IG S</p> <p>L M</p>

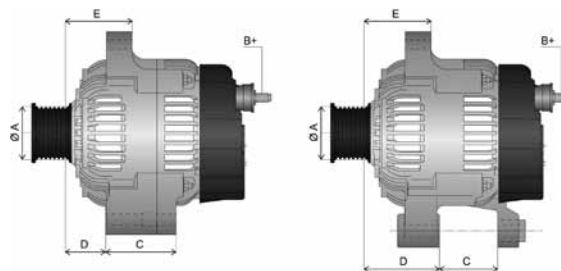




DAN940			14V	90A
<p> = PVF (OAP)</p> <p>TPC = PL16</p> <p>MB (mm) = 1xØ10.2; 1xØ9.7</p> <p>TB = 1xM6</p>	<p>Ri = 5</p> <p>B+ = M6</p> <p>D = 40.5 mm</p> <p>Ro = CW</p>	<p>ØA = 58 mm</p> <p>C = 53 mm</p> <p>E = 49.3 mm</p>		

DAN941			14V	100A
<p> = PVF (OAP)</p> <p>TPC = PL16</p> <p>MB (mm) = 1xØ10.2; 1xØ9.7</p> <p>TB = -</p>	<p>Ri = 5</p> <p>B+ = M6</p> <p>D = 40.5 mm</p> <p>Ro = CW</p>	<p>ØA = 58 mm</p> <p>C = 53 mm</p> <p>E = 49.3 mm</p>		

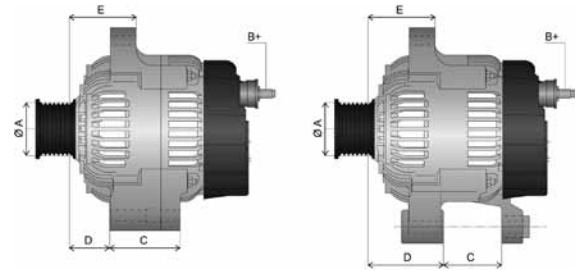
DAN942			14V	80A
<p> = PV</p> <p>TPC = PL05</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 34.1 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 40.3 mm</p> <p>E = 56.1 mm</p>		



DAN943			14V	70A
<p> = PV</p> <p>TPC = PL05</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 34.1 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 40.3 mm</p> <p>E = 56.1 mm</p>		

DAN944			14V	80A
<p> = PV</p> <p>TPC = PL05</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 34.1 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 40.3 mm</p> <p>E = 56.1 mm</p>		

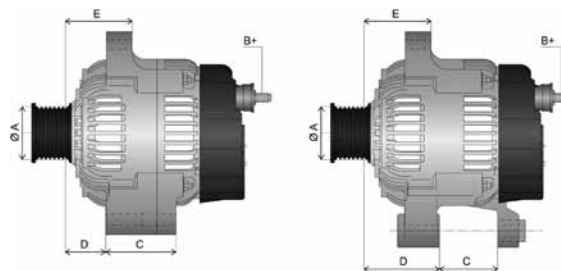
DAN945			14V	130A
<p> = PVF (OAP)</p> <p>TPC = PL16</p> <p>MB (mm) = 1xØ10.1; 1xØ9.7</p> <p>TB = -</p>	<p>Ri = 5</p> <p>B+ = M6</p> <p>D = 40.5 mm</p> <p>Ro = CW</p>	<p>ØA = 58 mm</p> <p>C = 53 mm</p> <p>E = 49.3 mm</p>		



DAN948			14V	80A
<p> = PV</p> <p>TPC = PL05</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 34.1 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 40.3 mm</p> <p>E = 56.1 mm</p>	<p>S</p> <p>IG</p> <p>L</p>	

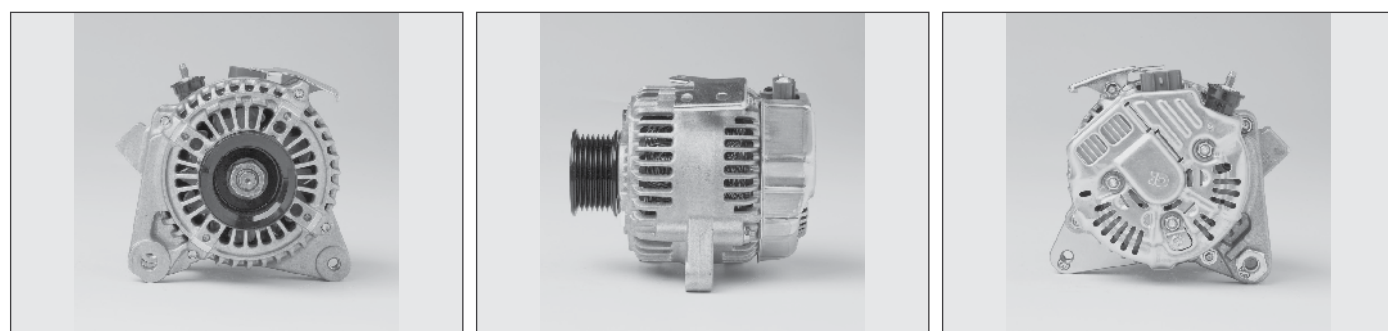
DAN949			14V	90A
<p> = PV</p> <p>TPC = PL05</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 34.1 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 40.3 mm</p> <p>E = 56.1 mm</p>	<p>S</p> <p>IG</p> <p>L</p>	

DAN950			14V	90A
<p> = PVF (OAP)</p> <p>TPC = PL08</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8</p>	<p>Ri = 5</p> <p>B+ = M6</p> <p>D = 31.5 mm</p> <p>Ro = CW</p>	<p>ØA = 60 mm</p> <p>C = 41.3 mm</p> <p>E = 45.5 mm</p>	<p>M</p> <p>IG</p> <p>L</p>	



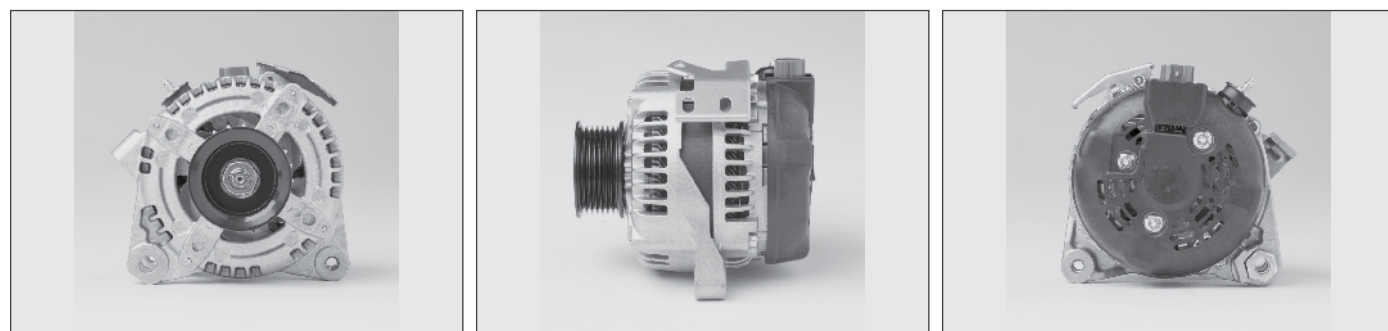
DAN951 **14V 90A**

<p> = PV</p> <p>TPC = PL05</p> <p>MB (mm) = 1xØ11; 1xØ6.5</p> <p>TB = 1xM10; 1xM8</p>	<p>Ri = 7</p> <p>B+ = M6</p> <p>D = 35.7 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 45.4 mm</p> <p>E = 72.1 mm</p>	<p>S</p> <p>IG</p> <p>L</p>
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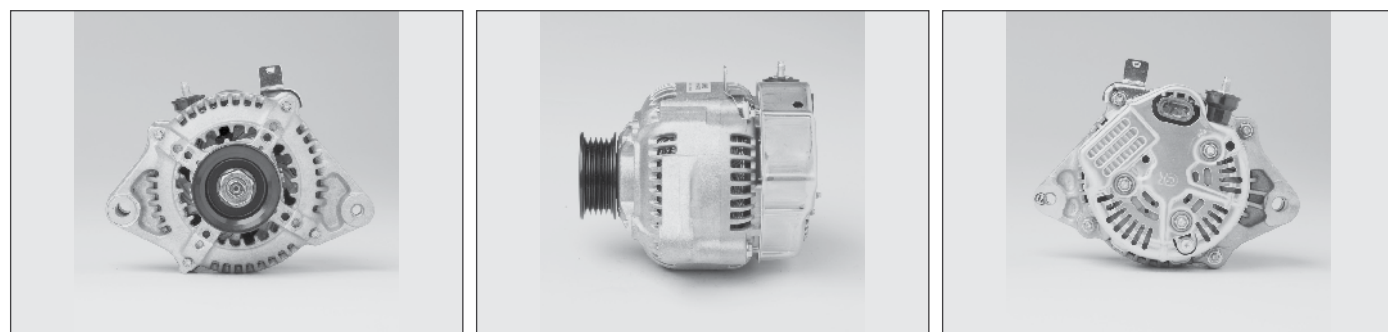
DAN952 **14V 100A**

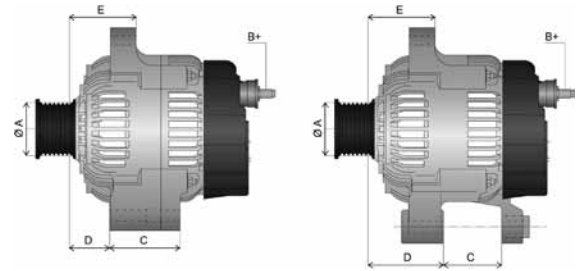
<p> = PV</p> <p>TPC = PL16</p> <p>MB (mm) = 1xØ11; 1xØ6.5</p> <p>TB = 1xM10; 1xM8; 1xM6</p>	<p>Ri = 7</p> <p>B+ = M6</p> <p>D = 35.7 mm</p> <p>Ro = CW</p>	<p>ØA = 60 mm</p> <p>C = 45.4 mm</p> <p>E = 73.7 mm</p>	<p>IG</p> <p>S</p> <p>L</p> <p>M</p>
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DAN953 **14V 70A**

<p> = PV</p> <p>TPC = PL05</p> <p>MB (mm) = 1xØ10.2</p> <p>TB = 1xM8</p>	<p>Ri = 5</p> <p>B+ = M6</p> <p>D = 32.2 mm</p> <p>Ro = CW</p>	<p>ØA = 52.5 mm</p> <p>C = 58 mm</p> <p>E = 54.2 mm</p>	<p>S</p> <p>IG</p> <p>L</p>
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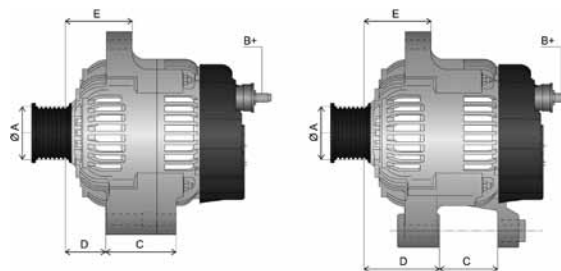
DAN954			14V	80A
<p> = PV</p> <p>TPC = PL05</p> <p>MB (mm) = 1xØ10.2</p> <p>TB = 1xM8</p>	<p>Ri = 5</p> <p>B+ = M6</p> <p>D = 32.2 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 58 mm</p> <p>E = 54.2 mm</p>	<p>S</p> <p>IG</p> <p>L</p>	

DAN955			14V	80A
<p> = PV</p> <p>TPC = PL05</p> <p>MB (mm) = 1xØ10.2</p> <p>TB = 1xM8</p>	<p>Ri = 5</p> <p>B+ = M6</p> <p>D = 32.2 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 58 mm</p> <p>E = 54.2 mm</p>	<p>S</p> <p>IG</p> <p>L</p>	

DAN959			14V	80A
<p> = PV</p> <p>TPC = PL08</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8</p>	<p>Ri = 4</p> <p>B+ = M6</p> <p>D = 33.5 mm</p> <p>Ro = CW</p>	<p>ØA = 57.5 mm</p> <p>C = 41.3 mm</p> <p>E = 51.5 mm</p>	<p>M</p> <p>IG</p> <p>L</p>	

Starters & Alternators

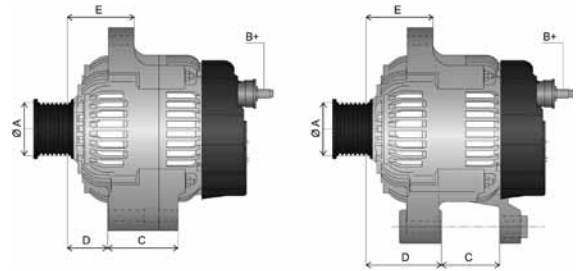
Photo Guide – Alternators



DAN960			14V	70A	
<p> = PV</p> <p>TPC = PL08</p> <p>MB (mm) = 2xØ10.2</p> <p>TB = 1xM8</p>	<p>Ri = 4</p> <p>B+ = M6</p> <p>D = 48.1 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 39 mm</p> <p>E = 62.4 mm</p>			

DAN961			14V	90A	
<p> = PV</p> <p>TPC = PL08</p> <p>MB (mm) = 2xØ10.2</p> <p>TB = 1xM8</p>	<p>Ri = 4</p> <p>B+ = M6</p> <p>D = 48.1 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 39 mm</p> <p>E = 62.4 mm</p>			

DAN962			14V	70A	
<p> = PV</p> <p>TPC = PL08</p> <p>MB (mm) = 2xØ10.2</p> <p>TB = 1xM8</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 48.1 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 39 mm</p> <p>E = 62.4 mm</p>			



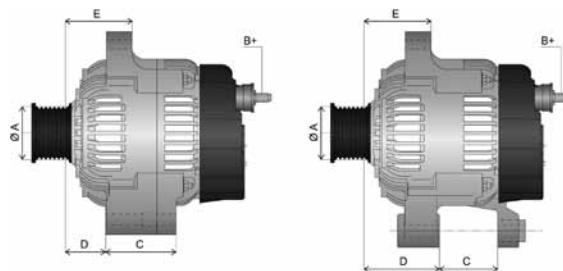
DAN964			14V	70A
<p> = PVF (OAP)</p> <p>TPC = PL08</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8</p>	<p>Ri = 5</p> <p>B+ = M6</p> <p>D = 31.5 mm</p> <p>Ro = CW</p>	<p>ØA = 60 mm</p> <p>C = 41.3 mm</p> <p>E = 51.5 mm</p>		

DAN966			14V	70A
<p> = PV</p> <p>TPC = PL08</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8</p>	<p>Ri = 4</p> <p>B+ = M6</p> <p>D = 33.5 mm</p> <p>Ro = CW</p>	<p>ØA = 57.5 mm</p> <p>C = 41.3 mm</p> <p>E = 51.5 mm</p>		

DAN968			14V	40A
<p> = V</p> <p>TPC = PL02</p> <p>MB (mm) = 1xØ10.2</p> <p>TB = 1xM8</p>	<p>Ri = 1</p> <p>B+ = M6</p> <p>D = 19.5 mm</p> <p>Ro = CW</p>	<p>ØA = 58.5 mm</p> <p>C = 24 mm</p> <p>E = 62 mm</p>		

Starters & Alternators

Photo Guide – Alternators

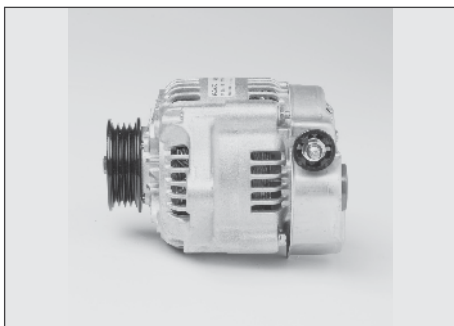


DAN969 14V 60A

= PV
 TPC = PL13
 MB (mm) = 1xØ10.2
 TB = 1xM8

Ri = 4
 B+ = M6
 D = 32.2 mm
 Ro = CW

ØA = 52.5 mm
 C = 58 mm
 E = 48.2 mm

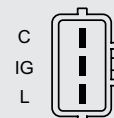


DAN970 14V 70A

= PV
 TPC = PL06
 MB (mm) = 1xØ10.2
 TB = 1xM8

Ri = 4
 B+ = M6
 D = 32.2 mm
 Ro = CW

ØA = 60 mm
 C = 58 mm
 E = 48.2 mm

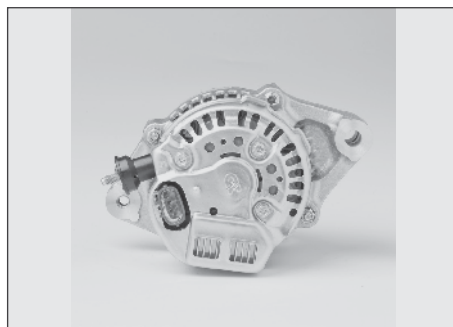
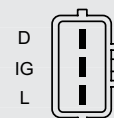


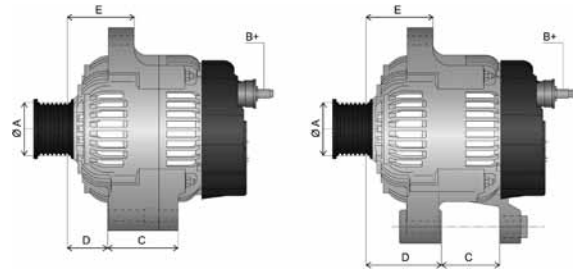
DAN971 14V 50A

= PV
 TPC = PL07
 MB (mm) = 1xØ10.2
 TB = 1xM8

Ri = 4
 B+ = M6
 D = 32.2 mm
 Ro = CW

ØA = 52.5 mm
 C = 58 mm
 E = 48.2 mm





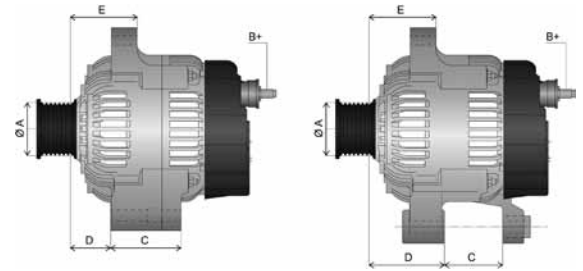
DAN972			14V	50A	
<p> = PV</p> <p>TPC = PL06</p> <p>MB (mm) = 1xØ10.2</p> <p>TB = 1xM8</p>	<p>Ri = 4</p> <p>B+ = M6</p> <p>D = 32.2 mm</p> <p>Ro = CW</p>	<p>ØA = 57.5 mm</p> <p>C = 58 mm</p> <p>E = 48.2 mm</p>			

DAN973			14V	60A	
<p> = PV</p> <p>TPC = PL02</p> <p>MB (mm) = 1xØ10.2</p> <p>TB = 1xM8</p>	<p>Ri = 4</p> <p>B+ = M6</p> <p>D = 19.1 mm</p> <p>Ro = CW</p>	<p>ØA = 52.5 mm</p> <p>C = 29 mm</p> <p>E = 38.6 mm</p>			
No image available	No image available	No image available			

DAN974			14V	60A	
<p> = PV</p> <p>TPC = PL02</p> <p>MB (mm) = 1xØ10.2</p> <p>TB = 1xM8</p>	<p>Ri = 4</p> <p>B+ = M6</p> <p>D = 19.1 mm</p> <p>Ro = ACW</p>	<p>ØA = 57.5 mm</p> <p>C = 29 mm</p> <p>E = 38.6 mm</p>			

Starters & Alternators

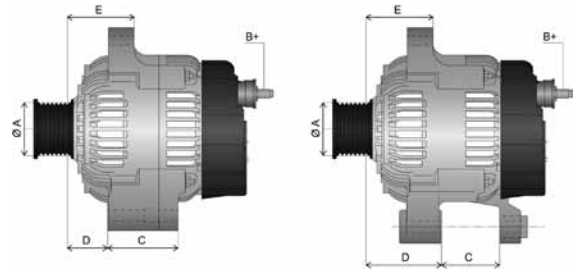
Photo Guide – Alternators



DAN975			14V	65A
= PV TPC = PL06 MB (mm) = 1xØ10.2 TB = 1xM8	Ri = 4 B+ = M6 D = 19.1 mm Ro = CW	ØA = 57.5 mm C = 29 mm E = 38.6 mm		

DAN976			14V	70A
= PV TPC = PL07 MB (mm) = 2xØ10.2 TB = 1xM8	Ri = 4 B+ = M6 D = 48 mm Ro = CW	ØA = 55 mm C = 39 mm E = 56.3 mm		

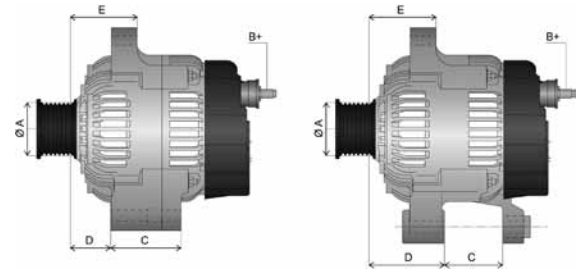
DAN977			14V	70A
= PV TPC = PL06 MB (mm) = 2xØ10.2 TB = 1xM8	Ri = 4 B+ = M6 D = 48 mm Ro = CW	ØA = 55 mm C = 39 mm E = 56.3 mm		



DAN978		14V 65A	
<p> = PV</p> <p>TPC = PL07</p> <p>MB (mm) = 2xØ10.2</p> <p>TB = 1xM8</p>	<p>Ri = 4</p> <p>B+ = M6</p> <p>D = 48 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 39 mm</p> <p>E = 56.3 mm</p>	

DAN979		14V 80A	
<p> = PV</p> <p>TPC = PL06</p> <p>MB (mm) = 1xØ11; 1xØ10</p> <p>TB = 1xM8</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 48 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 39 mm</p> <p>E = 56.3 mm</p>	

DAN980		14V 80A	
<p> = PV</p> <p>TPC = PL06</p> <p>MB (mm) = 1xØ11; 1xØ10</p> <p>TB = 1xM8</p>	<p>Ri = 4</p> <p>B+ = M6</p> <p>D = 48 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 39 mm</p> <p>E = 56.3 mm</p>	

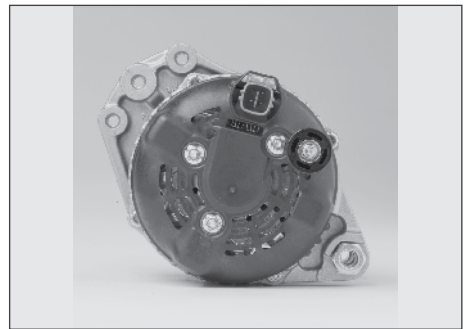
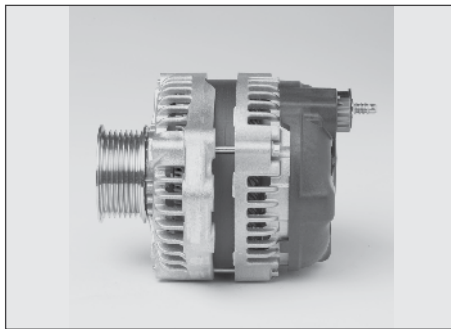
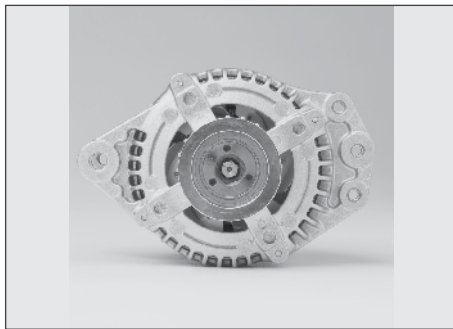


DAN981 **14V 100A**

= PVF (OAP)
TPC = PL15
MB (mm) = 1xØ11
TB = 3xM8; 1xM10

Ri = 7
B+ = M8
D = 31.5 mm
Ro = CW

ØA = 60 mm
C = 41.3 mm
E = 53.5 mm

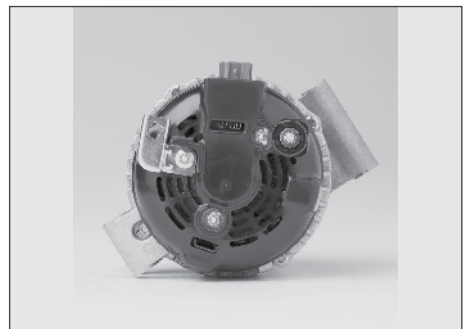
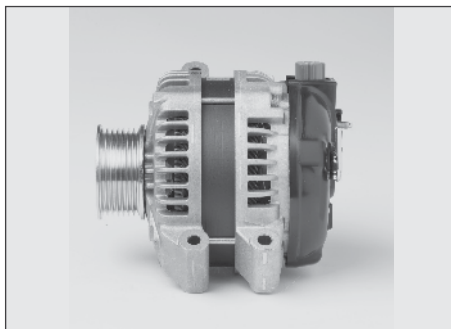


DAN983 **14V 100A**

= PV
TPC = PL14
MB (mm) = 1xØ9; 1xØ8.7; 1xØ8.2
TB = -

Ri = 7
B+ = M6
D = 39.6 mm
Ro = CW

ØA = 60 mm
C = 45.5 mm
E = D

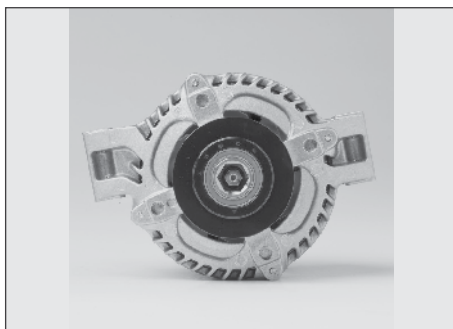


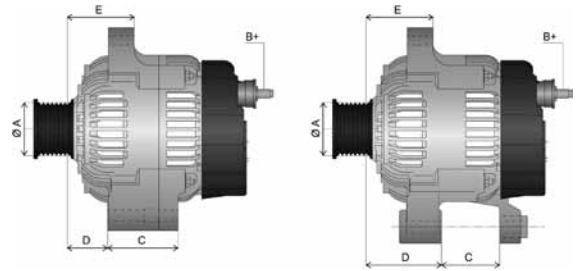
DAN984 **14V 130A**

= PVF (OAP)
TPC = PL14
MB (mm) = 1xØ9; 2xØ8.7
TB = 1xM8

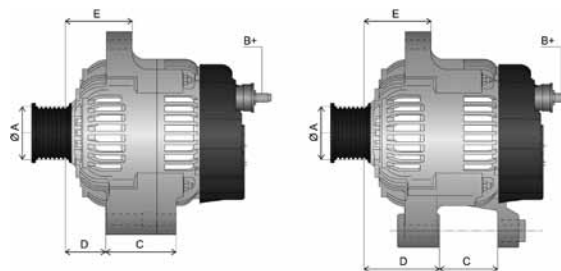
Ri = 7
B+ = M8
D = 36.6 mm
Ro = CW

ØA = 70 mm
C = 43.5/53.5 mm
E = D





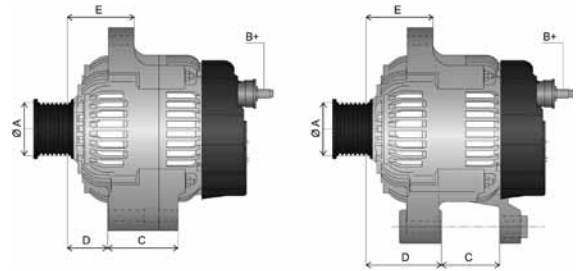
DAN985		14V	120A
<p> = PVF (OAP)</p> <p>TPC = PL14</p> <p>MB (mm) = 1xØ9; 2xØ8.7</p> <p>TB = 1xM8</p>	<p>Ri = 7</p> <p>B+ = M8</p> <p>D = 36.6 mm</p> <p>Ro = CW</p>	<p>ØA = 70 mm</p> <p>C = 43.5/53.5 mm</p> <p>E = D</p>	
DAN986		14V	150A
<p> = PV</p> <p>TPC = PL10</p> <p>MB (mm) = 1xØ10.2; 1xØ12.8; 1x(11.5x14.2)</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 28.5 mm</p> <p>Ro = CW</p>	<p>ØA = 53.75 mm</p> <p>C = 47 mm</p> <p>E = 72.5 mm</p>	
DAN987		14V	150A
<p> = PVF (OAP)</p> <p>TPC = PL09</p> <p>MB (mm) = 1xØ10.2; 1xØ12.8; 1x(11.5x14.2)</p> <p>TB = -</p>	<p>Ri = 8</p> <p>B+ = M8</p> <p>D = 22.3 mm</p> <p>Ro = CW</p>	<p>ØA = 57.5 mm</p> <p>C = 47 mm</p> <p>E = 66.3 mm</p>	



DAN988		14V	150A
<p> = PVF (OAP)</p> <p>TPC = PL10</p> <p>MB (mm) = 1xØ10.2; 1xØ12.8; 1x(11.5x14.2)</p> <p>TB = -</p>	<p>Ri = 8</p> <p>B+ = M8</p> <p>D = 22.3 mm</p> <p>Ro = CW</p>	<p>ØA = 57.5 mm</p> <p>C = 47 mm</p> <p>E = 66.3 mm</p>	

DAN989		14V	150A
<p> = PV</p> <p>TPC = PL09</p> <p>MB (mm) = 1xØ10.2; 1xØ12.8; 1x(11.5x14.2)</p> <p>TB = -</p>	<p>Ri = 8</p> <p>B+ = M8</p> <p>D = 22.3 mm</p> <p>Ro = CW</p>	<p>ØA = 57.5 mm</p> <p>C = 47 mm</p> <p>E = 66.3 mm</p>	

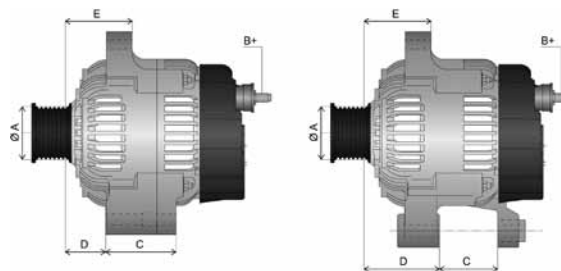
DAN990		14V	150A
<p> = PV</p> <p>TPC = PL10</p> <p>MB (mm) = 1xØ10.2; 1xØ12.8; 1x(11.5x14.2)</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 22.3 mm</p> <p>Ro = CW</p>	<p>ØA = 57.5 mm</p> <p>C = 47 mm</p> <p>E = 66.3 mm</p>	



DAN991			14V	150A	
<p> = PV</p> <p>TPC = PL09</p> <p>MB (mm) = 1xØ10.2; 1xØ12.8; 1x(11.5x14.2)</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 28.5 mm</p> <p>Ro = CW</p>	<p>ØA = 53.75 mm</p> <p>C = 47 mm</p> <p>E = 72.5 mm</p>	<p>LI</p> <p>RC</p> <p>BVS</p>		

DAN992			14V	70A	
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ10.1; 1x(11x43)</p> <p>TB = -</p>	<p>Ri = 4</p> <p>B+ = M8</p> <p>D = 31 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 32.2 mm</p> <p>E = 135 mm</p>			

DAN993			14V	120A	
<p> = PVF (OAP)</p> <p>TPC = D+ M5</p> <p>MB (mm) = 3xØ8.5</p> <p>TB = -</p>	<p>Ri = 5</p> <p>B+ = M8</p> <p>D = 16.7 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 50 mm</p> <p>E = 66.7 mm</p>			

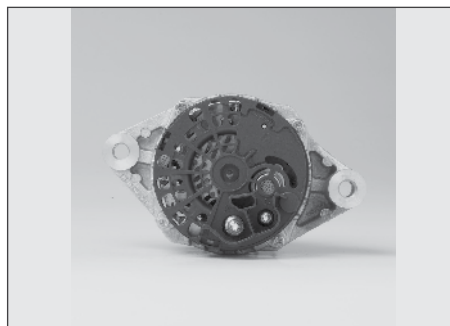
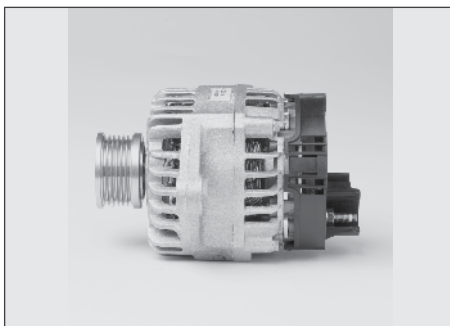
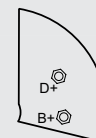


DAN994 **14V 100A**

= PVF (OAP)
 TPC = D+ M5
 MB (mm) = 2xØ12.2
 TB = -

Ri = 6
 B+ = M8
 D = 52 mm
 Ro = CW

ØA = 54 mm
 C = 61 mm
 E = 57.5 mm

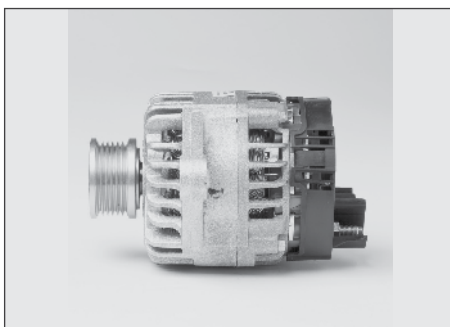


DAN995 **14V 120A**

= PVF (OAP)
 TPC = D+ M5
 MB (mm) = 2xØ12.2
 TB = -

Ri = 6
 B+ = M8
 D = 52 mm
 Ro = CW

ØA = 54 mm
 C = 61 mm
 E = 57.5 mm

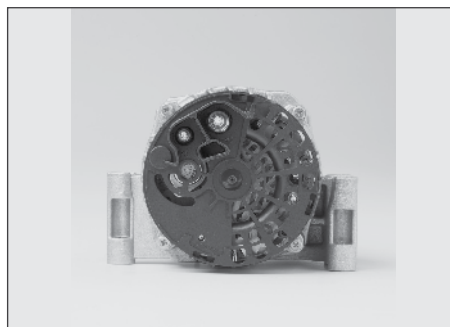
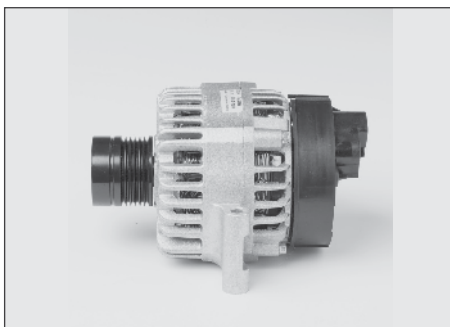
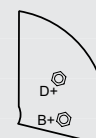


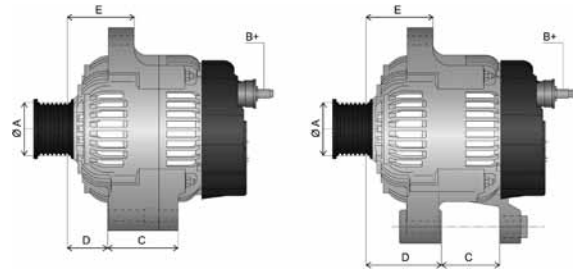
DAN996 **14V 90A**

= PVF (OAD)
 TPC = D+ M5
 MB (mm) = 3xØ8.5
 TB = -

Ri = 6
 B+ = M8
 D = 41.7 mm
 Ro = CW

ØA = 54 mm
 C = 55 mm
 E = 66.7 mm

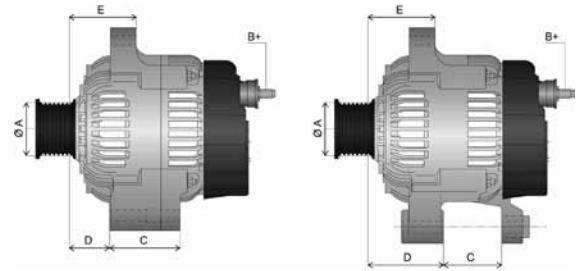




DAN997			14V	120A
<p> = PVF (OAP)</p> <p>TPC = D+ M5</p> <p>MB (mm) = 3xØ8.5</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 41.7 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 55 mm</p> <p>E = 66.7 mm</p>		

DAN998			14V	70A
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ10.2; 1x(11x44)</p> <p>TB = -</p>	<p>Ri = 4</p> <p>B+ = M8</p> <p>D = 36.4 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 32.3 mm</p> <p>E = 170.5 mm</p>		

DAN999			14V	120A
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 3xØ8.5</p> <p>TB = -</p>	<p>Ri = 5</p> <p>B+ = M8</p> <p>D = 16.7 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 50 mm</p> <p>E = 66.7 mm</p>		

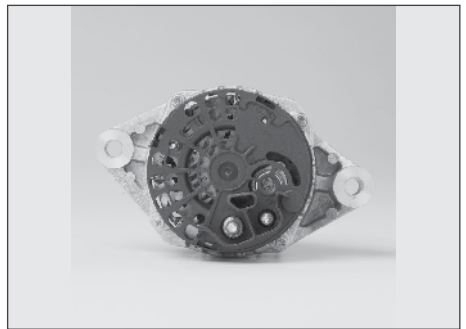
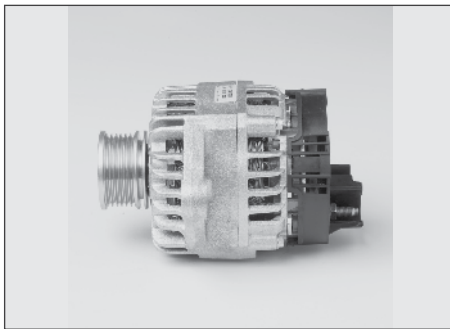
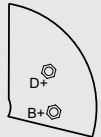


DAN1000 **14V 120A**

☉ = PVF (OAP)
 TPC = D+ M5
 MB (mm) = 2xØ12.2
 TB = -

Ri = 6
 B+ = M8
 D = 52 mm
 Ro = CW

ØA = 56 mm
 C = 61 mm
 E = 57.5 mm

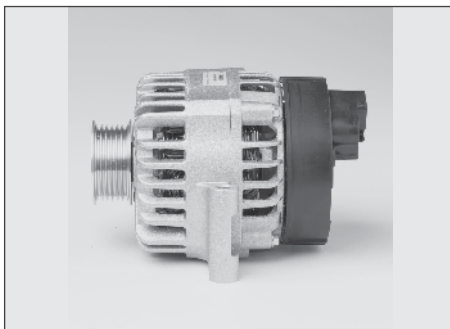
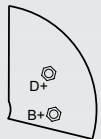


DAN1001 **14V 105A**

☉ = PV
 TPC = D+ M5
 MB (mm) = 3xØ8.5
 TB = -

Ri = 6
 B+ = M8
 D = 41.7 mm
 Ro = CW

ØA = 54 mm
 C = 55 mm
 E = 66.7 mm

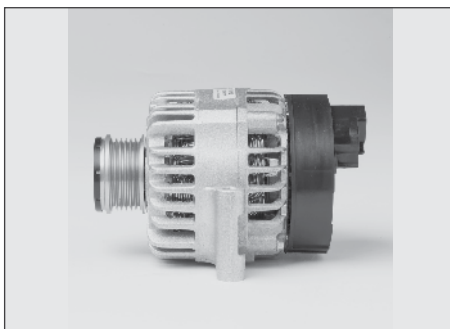
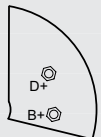


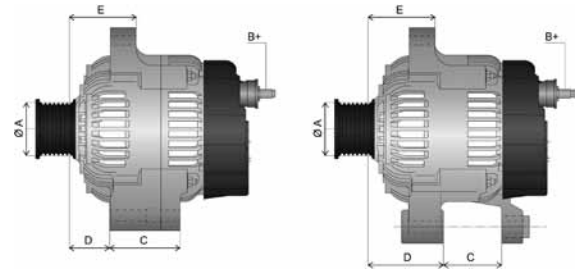
DAN1002 **14V 90A**

☉ = PVF (OAP)
 TPC = D+ M5
 MB (mm) = 3xØ8.5
 TB = -

Ri = 6
 B+ = M8
 D = 41.7 mm
 Ro = CW

ØA = 54 mm
 C = 55 mm
 E = 66.7 mm

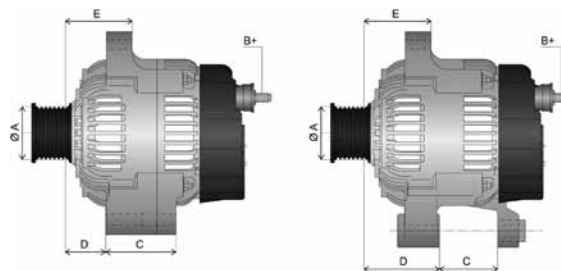




DAN1003			14V	70A
<p> = PVF (OAP)</p> <p>TPC = D+ M5</p> <p>MB (mm) = 3xØ8.5</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 41.7 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 55 mm</p> <p>E = 66.7 mm</p>		

DAN1004			14V	90A
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ10.2; 1x(11x44)</p> <p>TB = -</p>	<p>Ri = 4</p> <p>B+ = M8</p> <p>D = 36.4 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 32.3 mm</p> <p>E = 170.5 mm</p>		

DAN1005			14V	105A
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ10.2; 1x(11x44)</p> <p>TB = -</p>	<p>Ri = 4</p> <p>B+ = M8</p> <p>D = 36.4 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 32.3 mm</p> <p>E = 170.5 mm</p>		

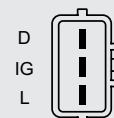


DAN1006 **14V 85A**

= PV
 TPC = PL07
 MB (mm) = 1xØ10.2
 TB = 1xM8

Ri = 4
 B+ = M6
 D = 32.2 mm
 Ro = CW

ØA = 60 mm
 C = 58 mm
 E = 48.2 mm

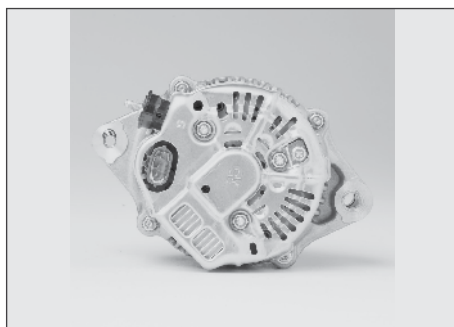
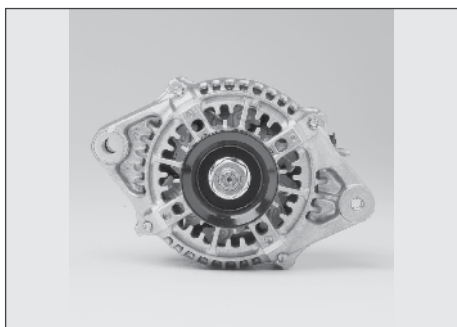
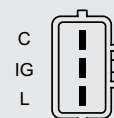


DAN1007 **14V 75A**

= PV
 TPC = PL06
 MB (mm) = 1xØ10.2
 TB = 1xM8

Ri = 4
 B+ = M6
 D = 32.2 mm
 Ro = CW

ØA = 55 mm
 C = 58 mm
 E = 48.2 mm

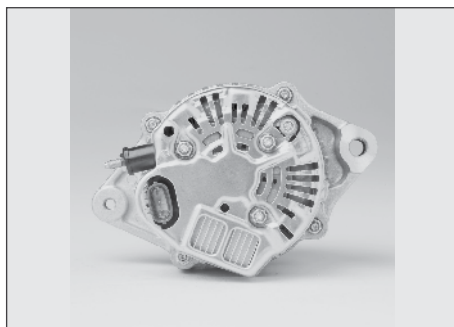
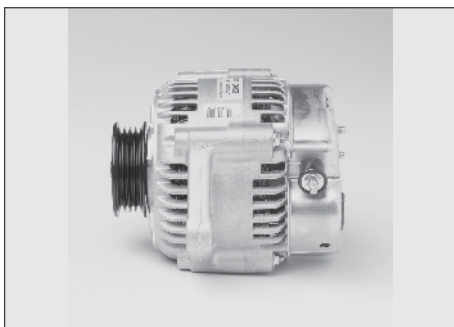
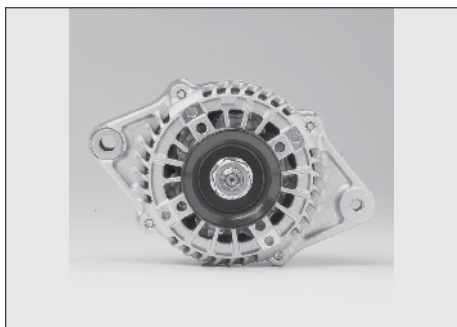
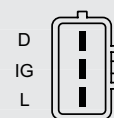


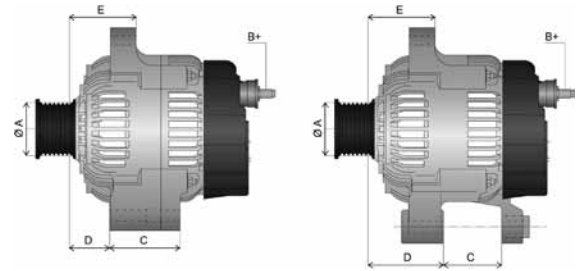
DAN1008 **14V 60A**

= PV
 TPC = PL07
 MB (mm) = 1xØ10.2
 TB = 1xM8

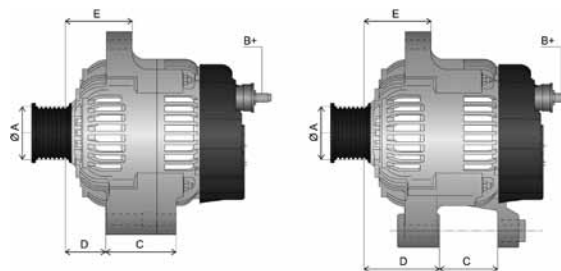
Ri = 4
 B+ = M6
 D = 32.2 mm
 Ro = CW

ØA = 55 mm
 C = 58 mm
 E = 48.2 mm

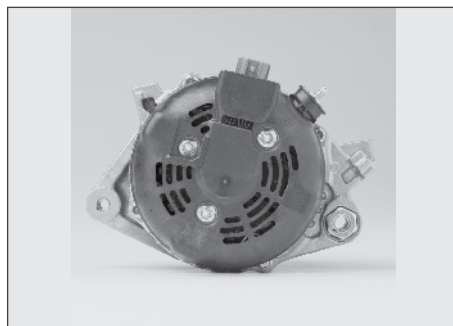
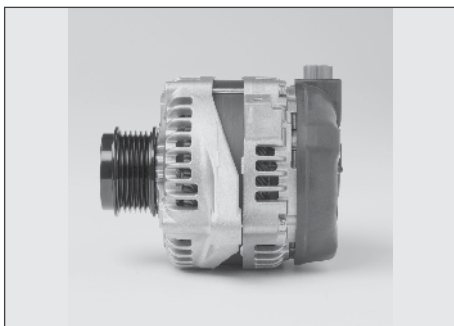
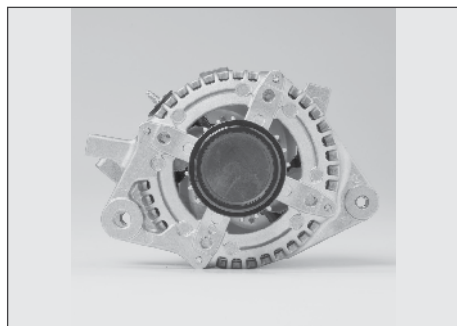




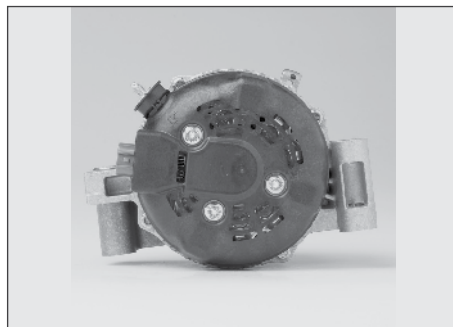
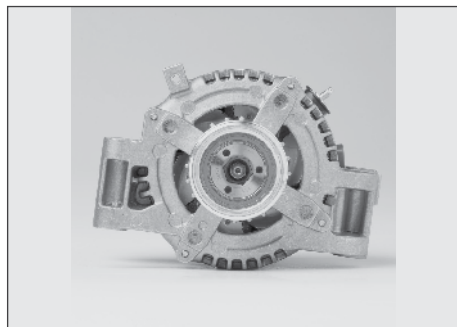
DAN1009		14V	130A
<p> = PVF (OAP)</p> <p>TPC = D+ M5; DFM M6</p> <p>MB (mm) = 2xØ12.2</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 52 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 61 mm</p> <p>E = 57.5 mm</p>	
DAN1010		14V	90A
<p> = PV</p> <p>TPC = PL01</p> <p>MB (mm) = 1xØ10.1; 1xØ10.6</p> <p>TB = 2xM10</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 42.6 mm</p> <p>Ro = CW</p>	<p>ØA = 49 mm</p> <p>C = 46 mm</p> <p>E = D</p>	<p>L DF</p>
DAN1011		14V	100A
<p> = PVF (OAD)</p> <p>TPC = PL17</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8; 1xM6</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 33.3 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 51.3 mm</p> <p>E = 56.4 mm</p>	<p>IG RLO</p>
No image available	No image available	No image available	



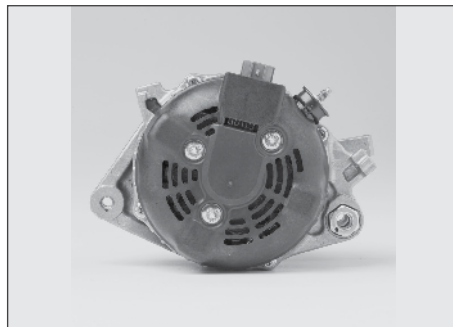
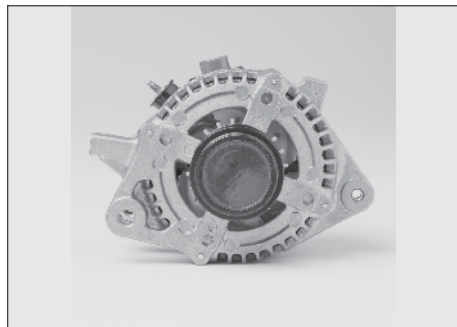
DAN1012		14V 100A
<p> = PVF (OAD)</p> <p>TPC = PL17</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8; 3xM6</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 29.3 mm</p> <p>Ro = CW</p>	<p>ØA = 57.5 mm</p> <p>C = 36.5 mm</p> <p>E = 65 mm</p>

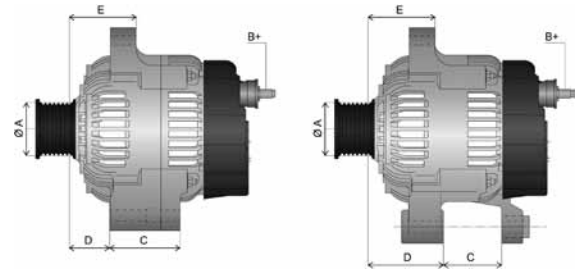


DAN1013		14V 130A
<p> = PVF (OAP)</p> <p>TPC = PL17</p> <p>MB (mm) = 1xØ8.4; 1xØ10.4; 1x(11.2x8.8)</p> <p>TB = 2xM6</p>	<p>Ri = 7</p> <p>B+ = M6</p> <p>D = 24.3 mm</p> <p>Ro = CW</p>	<p>ØA = 58 mm</p> <p>C = 71 mm</p> <p>E = 55.3 mm</p>

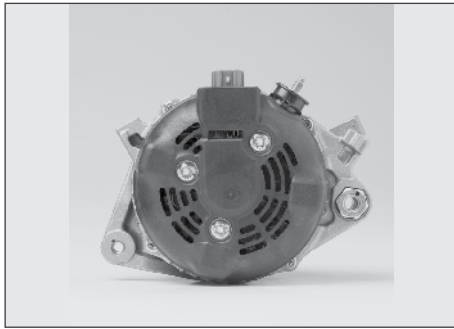
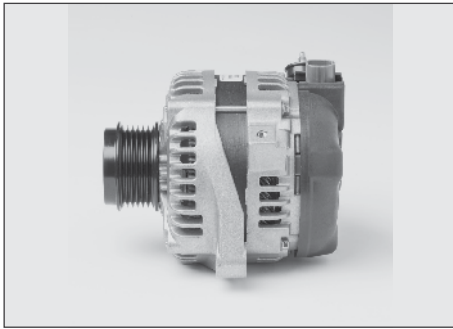
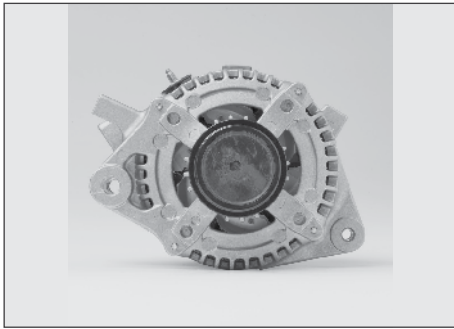


DAN1014		14V 100A
<p> = PVF (OAD)</p> <p>TPC = PL17</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8; 3xM6</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 29.3 mm</p> <p>Ro = CW</p>	<p>ØA = 57.5 mm</p> <p>C = 36.5 mm</p> <p>E = 65 mm</p>

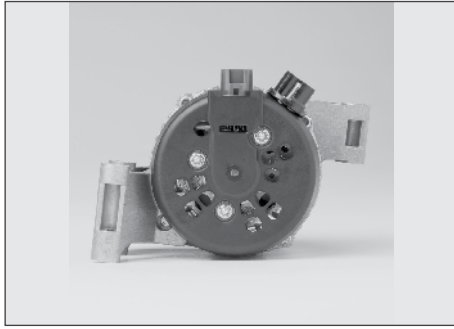
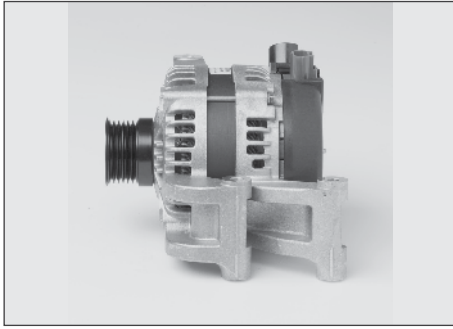
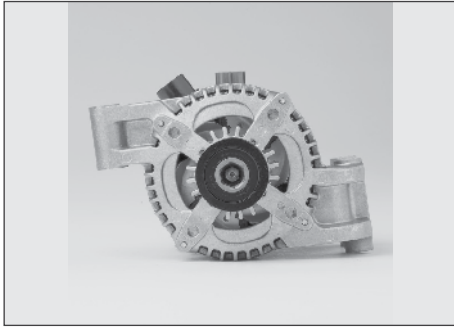




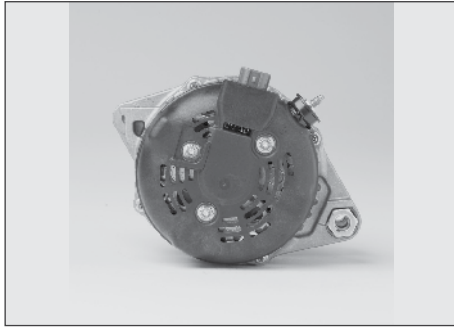
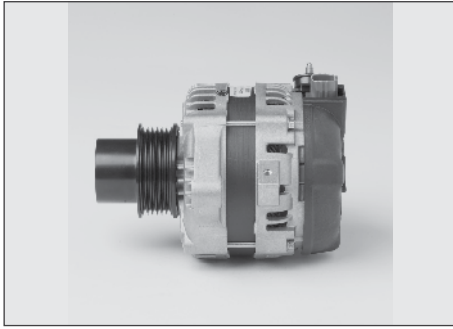
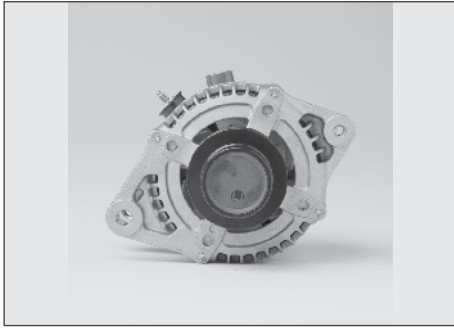
DAN1015		14V 100A	
<p> = PVF (OAD)</p> <p>TPC = PL16</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8; 3xM6</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 29.3 mm</p> <p>Ro = CW</p>	<p>ØA = 57.5 mm</p> <p>C = 36.5 mm</p> <p>E = 65 mm</p>	



DAN1016		14V 120A	
<p> = PVF (OAP)</p> <p>TPC = PL10</p> <p>MB (mm) = 1xØ8.2; 2xØ9.2</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 75 mm</p> <p>Ro = CW</p>	<p>ØA = 51 mm</p> <p>C = 68.7 mm</p> <p>E = 40 mm</p>	

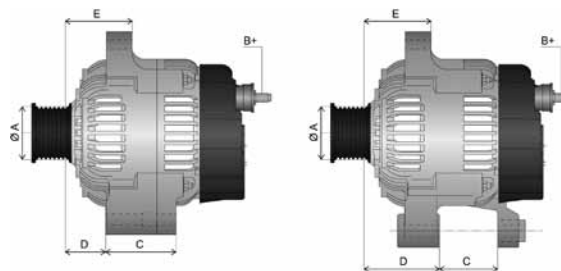


DAN1017		14V 100A	
<p> = PVF (OAD)</p> <p>TPC = PL17</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8; 1xM6</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 29.3 mm</p> <p>Ro = CW</p>	<p>ØA = 67.5 mm</p> <p>C = 36.5 mm</p> <p>E = 41.6 mm</p>	

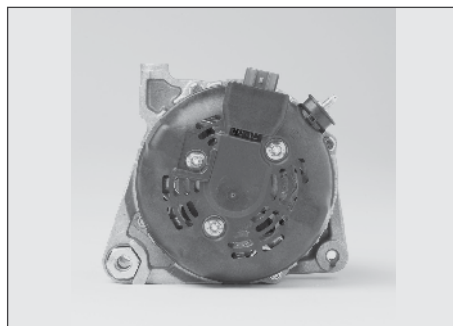
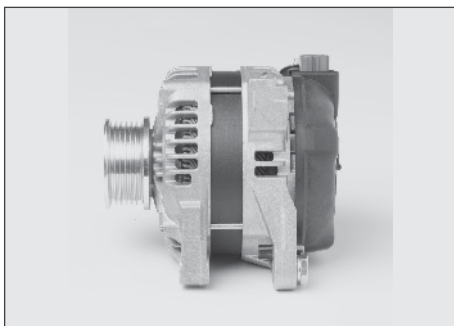
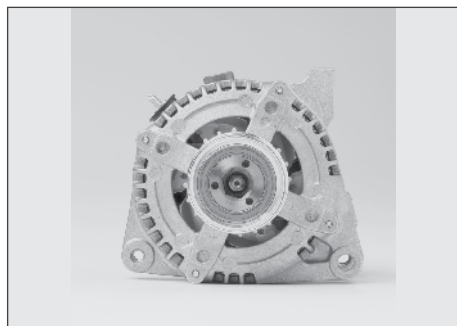


Starters & Alternators

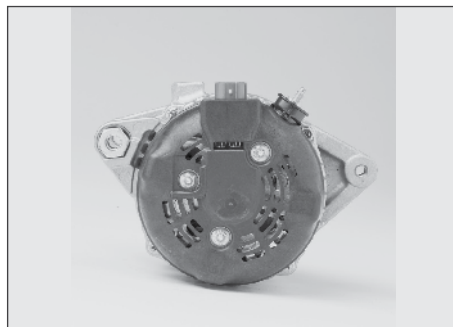
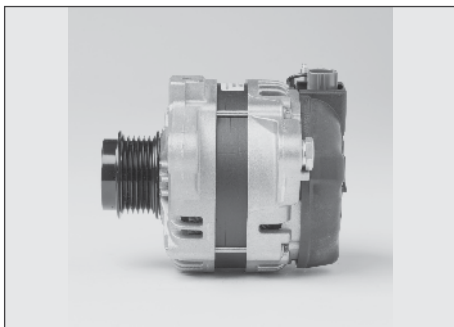
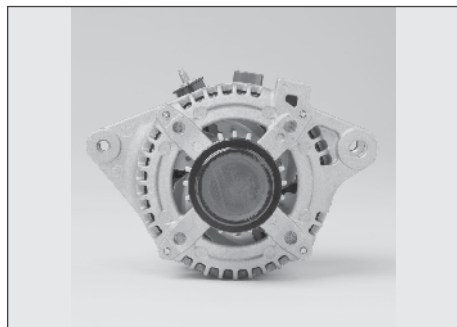
Photo Guide – Alternators



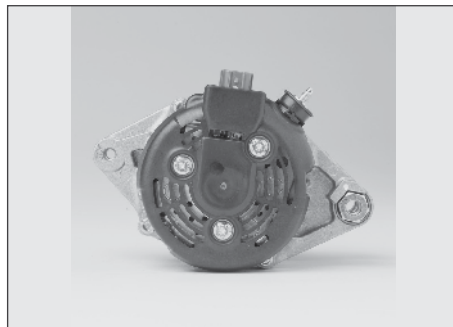
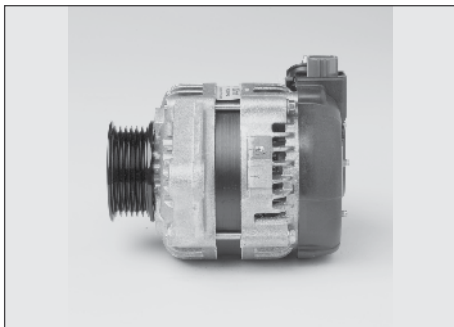
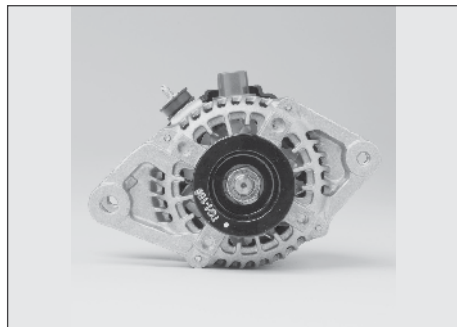
DAN1018		14V 100A
<p> = PVF (OAP)</p> <p>TPC = PL17</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8; 1xM6</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 48 mm</p> <p>Ro = CW</p>	<p>ØA = 58 mm</p> <p>C = 43 mm</p> <p>E = 62.5 mm</p>

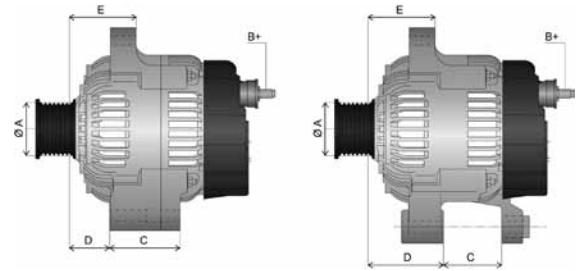


DAN1019		14V 100A
<p> = PVF (OAD)</p> <p>TPC = PL16</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8; 1xM6</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 33.3 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 51.3 mm</p> <p>E = 56.4 mm</p>

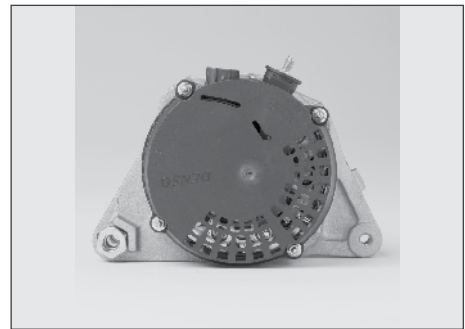
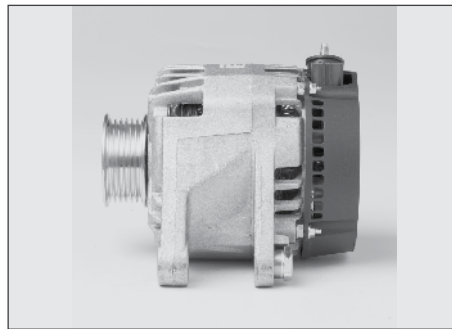
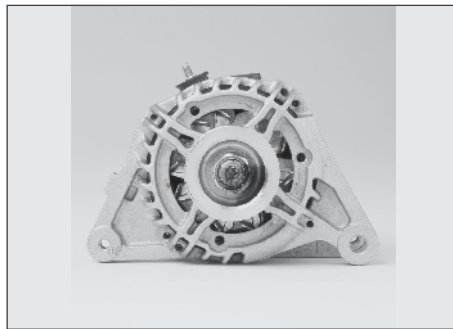


DAN1020		14V 80A
<p> = PV</p> <p>TPC = PL17</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8; 1xM6</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 29.3 mm</p> <p>Ro = CW</p>	<p>ØA = 60 mm</p> <p>C = 36.5 mm</p> <p>E = 41.6 mm</p>

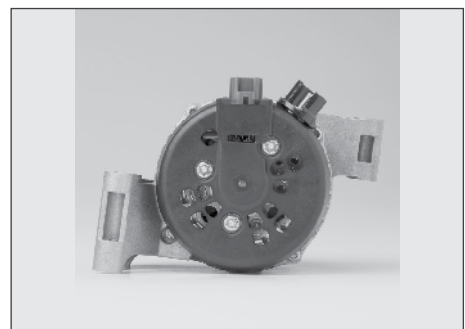
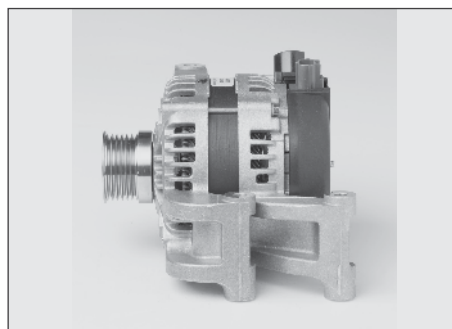




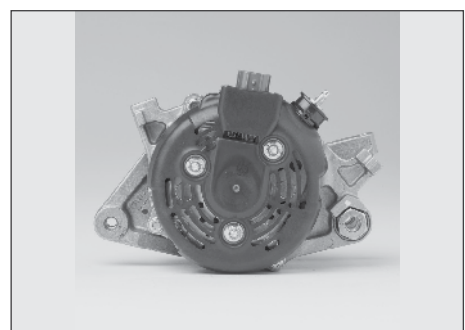
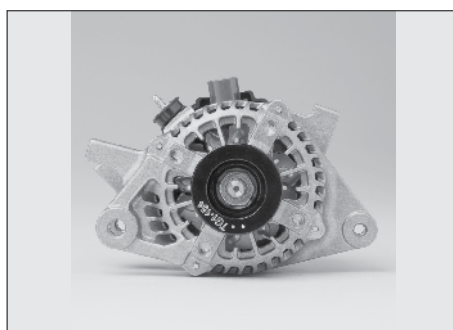
DAN1021			14V	90A
= PV TPC = PL16 MB (mm) = 1xØ11 TB = 1xM10; 1xM8	Ri = 6 B+ = M6 D = 34.1 mm Ro = CW	ØA = 55 mm C = 40.3 mm E = 56.1 mm		

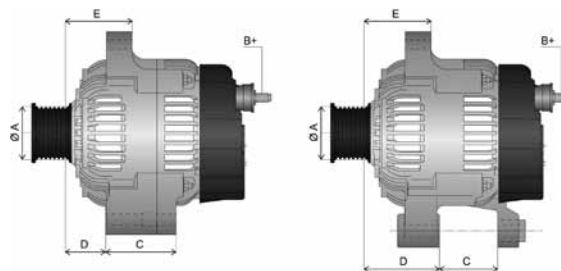


DAN1023			14V	120A
= PV TPC = PL10 MB (mm) = 1xØ8.2; 2xØ9.2 TB = -	Ri = 6 B+ = M8 D = 75 mm Ro = CW	ØA = 51 mm C = 68.7 mm E = 40 mm		

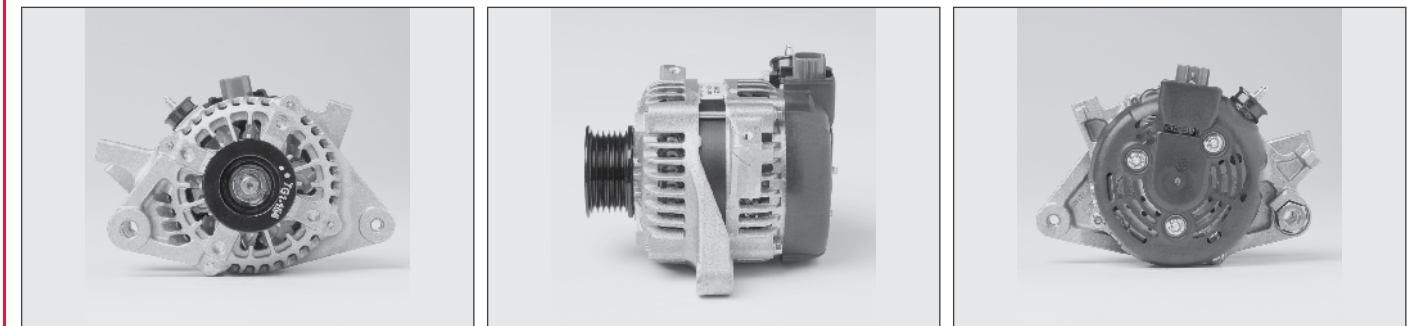


DAN1024			14V	80A
= PV TPC = PL17 MB (mm) = 1xØ11 TB = 1xM10; 1xM8; 3xM6	Ri = 6 B+ = M6 D = 29.3 mm Ro = CW	ØA = 52.5 mm C = 36.5 mm E = 67 mm		

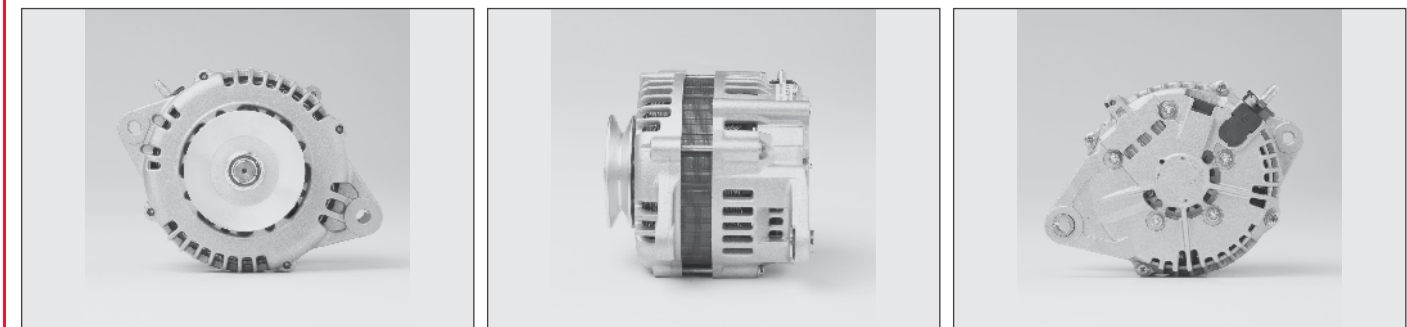




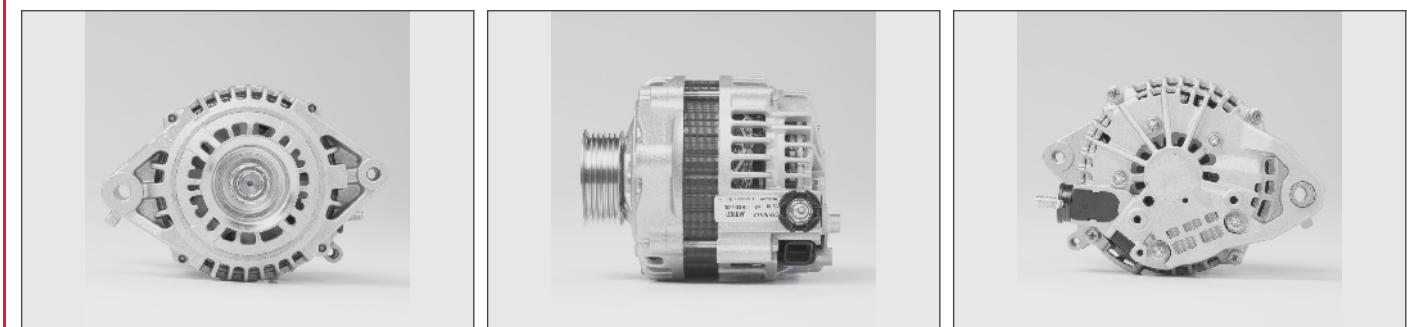
DAN1025		14V 80A
<p> = PV</p> <p>TPC = PL17</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8; 3xM6</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 29.3 mm</p> <p>Ro = CW</p>	<p>ØA = 52.5 mm</p> <p>C = 36.5 mm</p> <p>E = 67 mm</p>

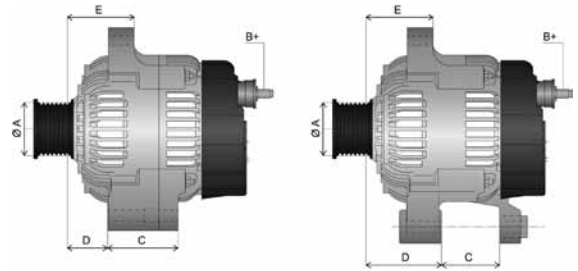


DAN1030		14V 100A
<p> = V</p> <p>TPC = PL03</p> <p>MB (mm) = 1xØ9; 1xØ10.5</p> <p>TB = -</p>	<p>Ri = 1</p> <p>B+ = M8</p> <p>D = 42 mm</p> <p>Ro = CW</p>	<p>ØA = 80 mm</p> <p>C = 80 mm</p> <p>E = -</p>



DAN1031		14V 80A
<p> = PV</p> <p>TPC = PL03</p> <p>MB (mm) = 1xØ10.5</p> <p>TB = 1xM8</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 48 mm</p> <p>Ro = CW</p>	<p>ØA = 60 mm</p> <p>C = 80 mm</p> <p>E = -</p>

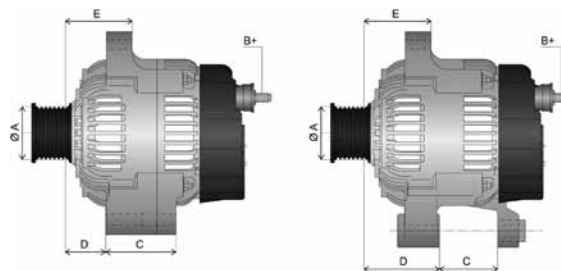




DAN1032			14V	70A
<p>☉ = PVF (OAP)</p> <p>TPC = D+ M5</p> <p>MB (mm) = 3xØ8.5</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 41.7 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 55 mm</p> <p>E = 66.7 mm</p>		

DAN1033			14V	105A
<p>☉ = PVF (OAP)</p> <p>TPC = D+ M5</p> <p>MB (mm) = 3xØ8.5</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 41.7 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 55 mm</p> <p>E = 66.7 mm</p>		

DAN1034			14V	120A
<p>☉ = PVF (OAP)</p> <p>TPC = D+ M5; DFM M6</p> <p>MB (mm) = 3xØ8.5</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 41.7 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 55 mm</p> <p>E = 66.7 mm</p>		

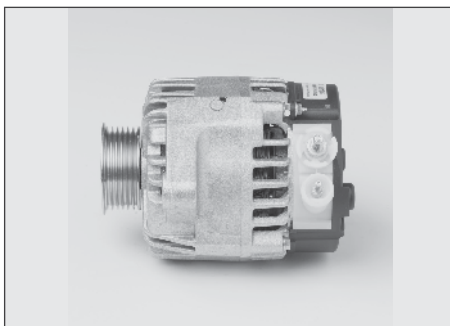
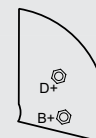


DAN1035 **14V 70A**

= PV
 TPC = D+ M5
 MB (mm) = 1xØ11
 TB = 1xM10; 1xM8; 1xM6

Ri = 6
 B+ = M8
 D = 29.3 mm
 Ro = CW

ØA = 57.5 mm
 C = 36.5 mm
 E = 41.6 mm

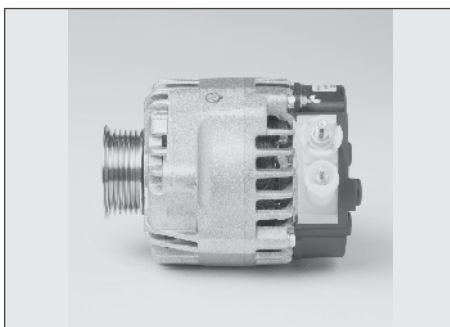
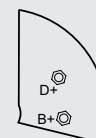


DAN1036 **14V 80A**

= PV
 TPC = D+ M5
 MB (mm) = 1xØ11
 TB = 1xM10; 1xM8; 1xM6

Ri = 6
 B+ = M8
 D = 29.3 mm
 Ro = CW

ØA = 57.5 mm
 C = 36.5 mm
 E = 41.6 mm

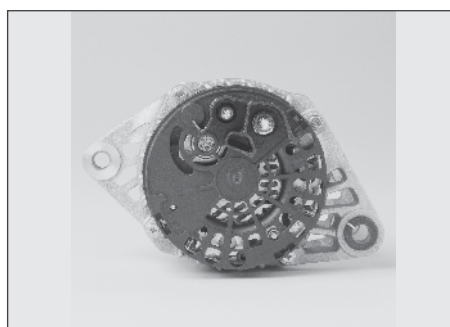
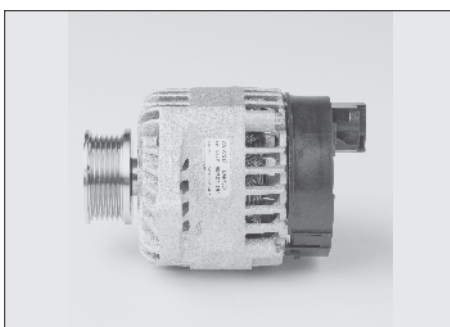
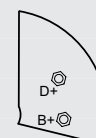


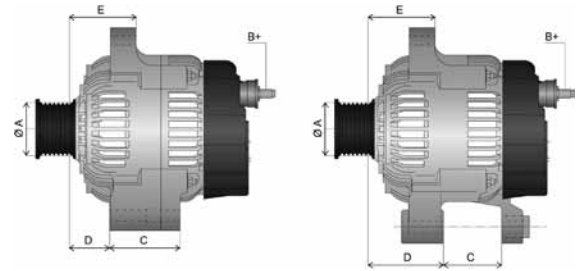
DAN1037 **14V 90A**

= PV
 TPC = D+ M5
 MB (mm) = 2xØ12.2; 1xØ10.2
 TB = -

Ri = 6
 B+ = M8
 D = 44.5 mm
 Ro = CW

ØA = 62 mm
 C = 54.5 mm
 E = 61.5 mm





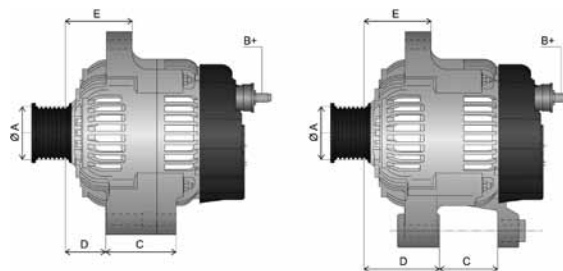
DAN1038		14V 85A	
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 1xØ16.5; 2xØ12.2</p> <p>TB = -</p>	<p>Ri = 5</p> <p>B+ = M8</p> <p>D = 58.8 mm</p> <p>Ro = CW</p>	<p>ØA = 60 mm</p> <p>C = 71 mm</p> <p>E = 71.8 mm</p>	

DAN1039		14V 90A	
<p> = PV</p> <p>TPC = D+ M5</p> <p>MB (mm) = 3xØ8.5</p> <p>TB = -</p>	<p>Ri = 5</p> <p>B+ = M8</p> <p>D = 16.7 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 50 mm</p> <p>E = 66.7 mm</p>	

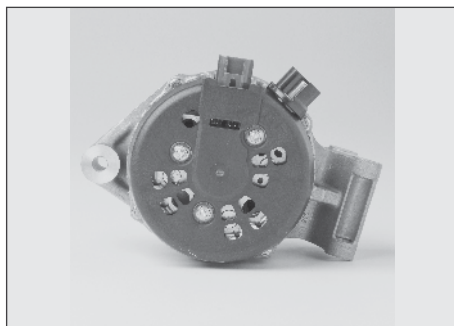
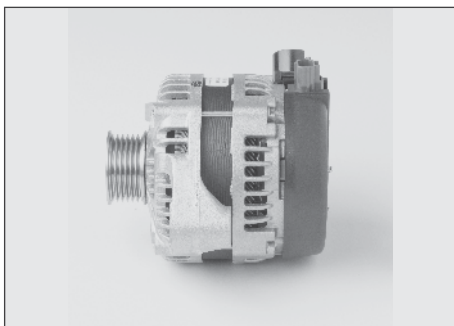
DAN1040		14V 170A	
<p> = PVF (OAP)</p> <p>TPC = PL20</p> <p>MB (mm) = 2xØ9.8; 1xØ10.1; 1xØ10.6</p> <p>TB = -</p>	<p>Ri = 7</p> <p>B+ = M8</p> <p>D = 30 mm</p> <p>Ro = CW</p>	<p>ØA = 49 mm</p> <p>C = 41 mm</p> <p>E = D</p>	<p>BSD</p>

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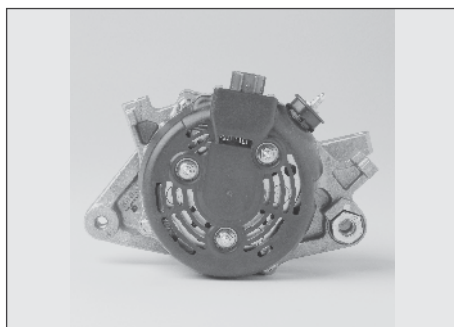
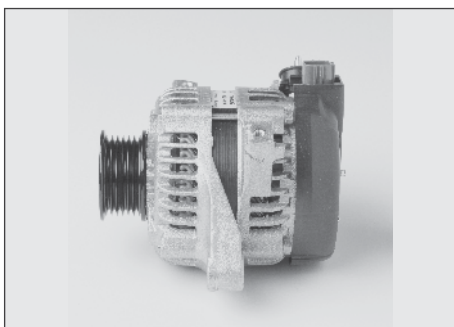
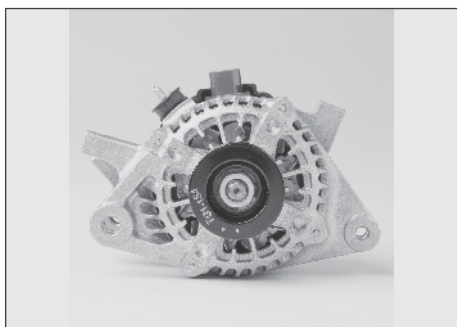
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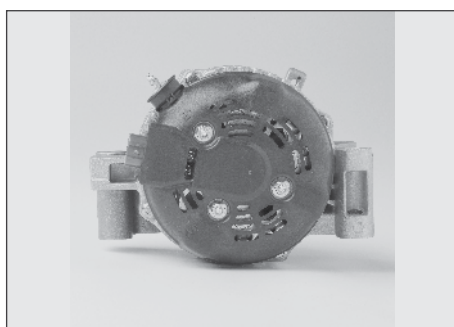
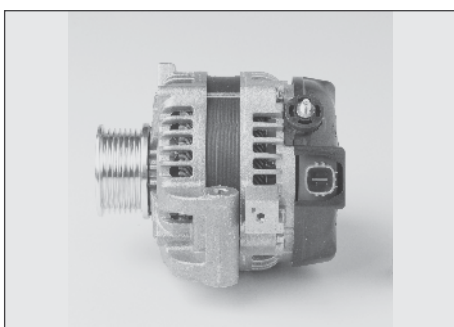
DAN1041		14V	120A
<p> = PV</p> <p>TPC = PL10</p> <p>MB (mm) = 2xØ12.5; 1xØ10.3</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 11 mm</p> <p>Ro = CW</p>	<p>ØA = 50 mm</p> <p>C = 50 mm</p> <p>E = 69 mm</p>	

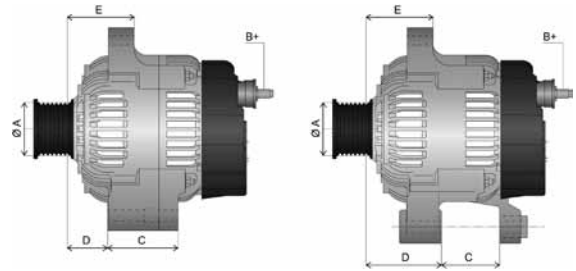


DAN1042		14V	80A
<p> = PV</p> <p>TPC = PL16</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8; 3xM6</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 29.3 mm</p> <p>Ro = CW</p>	<p>ØA = 52.5 mm</p> <p>C = 36.5 mm</p> <p>E = 67 mm</p>	

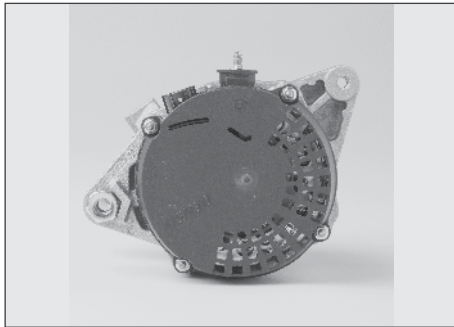
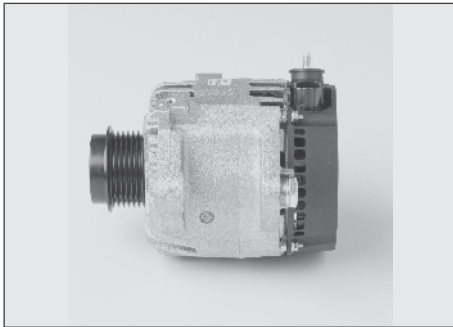
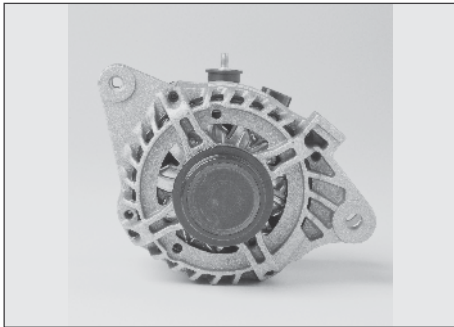


DAN1045		14V	100A
<p> = PVF (OAP)</p> <p>TPC = PL16</p> <p>MB (mm) = 1xØ10.4; 1xØ8.4; 1x(11.2x8.8)</p> <p>TB = 2xM6</p>	<p>Ri = 7</p> <p>B+ = M6</p> <p>D = 24.3 mm</p> <p>Ro = CW</p>	<p>ØA = 58 mm</p> <p>C = 71 mm</p> <p>E = 55.3 mm</p>	

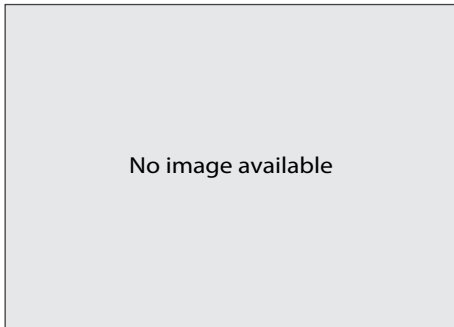
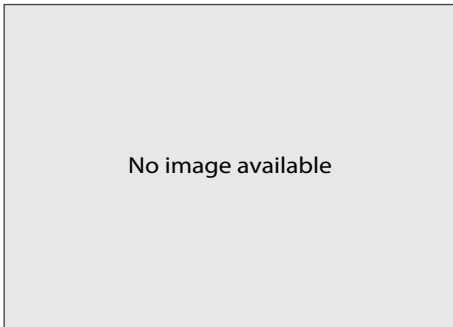
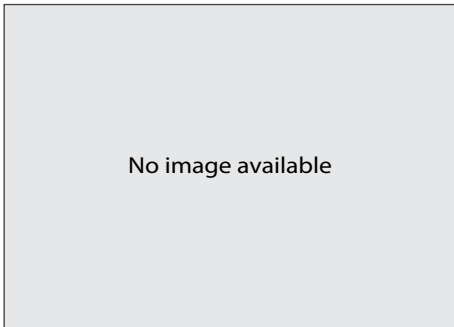




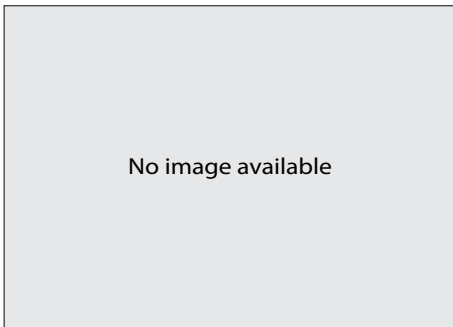
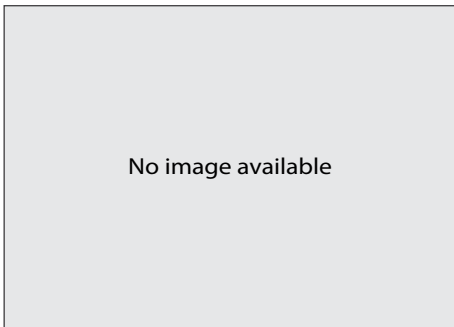
DAN1057		14V 90A	
<p> = PVF (OAD)</p> <p>TPC = PL17</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8; 1xM6</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 33.3 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 51.3 mm</p> <p>E = 56.4 mm</p>	



DAN1061		14V 90A	
<p> = PVF (OAD)</p> <p>TPC = PL16</p> <p>MB (mm) = 1xØ11</p> <p>TB = 1xM10; 1xM8; 1xM6</p>	<p>Ri = 6</p> <p>B+ = M6</p> <p>D = 33.3 mm</p> <p>Ro = CW</p>	<p>ØA = 55 mm</p> <p>C = 51.3 mm</p> <p>E = 56.4 mm</p>	

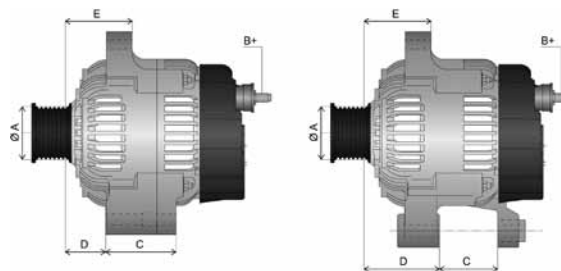



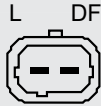

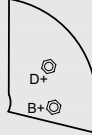


DAN1062		14V 140A	
<p> = PVF (OAP)</p> <p>TPC = D+ M5</p> <p>MB (mm) = 2xØ12.2</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 52 mm</p> <p>Ro = CW</p>	<p>ØA = 62 mm</p> <p>C = 61 mm</p> <p>E = 57.5 mm</p>	

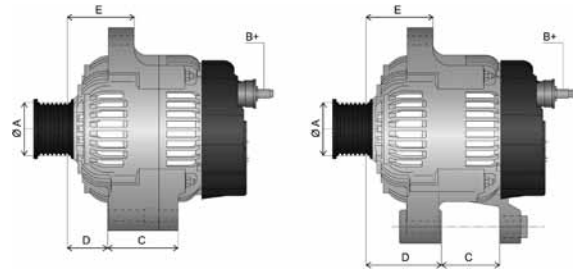


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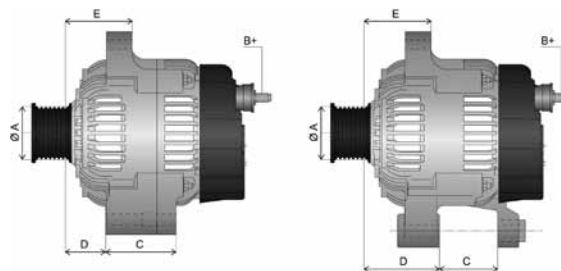
DAN1063			14V	80A
 = PV TPC = PL01 MB (mm) = 1xØ10.2; 1xØ8.5 TB = -	Ri = 5 B+ = M8 D = 19 mm Ro = CW	ØA = 56 mm C = 56 mm E = 35 mm	L DF 	
No image available	No image available	No image available		
DAN1066			14V	120A
 = PVF (OAD) TPC = D+ M5 MB (mm) = 2xØ12.2 TB = -	Ri = 6 B+ = M8 D = 52 mm Ro = CW	ØA = 54 mm C = 61 mm E = 57.5 mm		
No image available	No image available	No image available		
DAN1067*			14V	40A
 = V TPC = PL02 MB (mm) = 1xØ10.2 TB = 1xM8	Ri = 1 B+ = M6 D = 33 mm Ro = CW	ØA = 58.5 mm C = 29 mm E = 48.5 mm		
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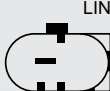




DAN1068**			14V	145A
<p> = PVF (OAP)</p> <p>TPC = PL04</p> <p>MB (mm) = 2xØ12; 1xØ10.2</p> <p>TB = -</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 32.5 mm</p> <p>Ro = CW</p>	<p>ØA = 57.5 mm</p> <p>C = 60 mm</p> <p>E = 47 mm</p>		
No image available	No image available	No image available		
DAN1071			14V	90A
<p> = PVF (OAP)</p> <p>TPC = PL18</p> <p>MB (mm) = 2xØ10.6</p> <p>TB = 2xM10</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 42.6 mm</p> <p>Ro = CW</p>	<p>ØA = 54.3 mm</p> <p>C = 45.5 mm</p> <p>E = D</p>		
No image available	No image available	No image available		
DAN1072*			14V	65A
<p> = V</p> <p>TPC = D+ M5; W M5</p> <p>MB (mm) = 2xØ8.2</p> <p>TB = 1xM8</p>	<p>Ri = 1</p> <p>B+ = M6</p> <p>D = 38.6 mm</p> <p>Ro = CW</p>	<p>ØA = 73 mm</p> <p>C = 82 mm</p> <p>E = D</p>		
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DAN1073		14V	150A
<p> = PVF (OAP)</p> <p>TPC = PL19</p> <p>MB (mm) = 1xØ8.6; 1xØ8.2</p> <p>TB = 2xM8</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 42.5 mm</p> <p>Ro = CW</p>	<p>ØA = 50 mm</p> <p>C = 31.5 mm</p> <p>E = D</p>	
No image available	No image available	No image available	
DAN1074		14V	150A
<p> = PVF (OAP)</p> <p>TPC = PL19</p> <p>MB (mm) = 1xØ8.6; 1xØ8.2</p> <p>TB = 2xM8</p>	<p>Ri = 6</p> <p>B+ = M8</p> <p>D = 42.5 mm</p> <p>Ro = CW</p>	<p>ØA = 50 mm</p> <p>C = 31.5 mm</p> <p>E = D</p>	
No image available	No image available	No image available	
DAN1078		14V	105A
<p> = PVF (OAP)</p> <p>TPC = PL19</p> <p>MB (mm) = 3xØ8.5</p> <p>TB = -</p>	<p>Ri = 5</p> <p>B+ = M8</p> <p>D = 16.7 mm</p> <p>Ro = CW</p>	<p>ØA = 54 mm</p> <p>C = 50 mm</p> <p>E = 66.7 mm</p>	
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DENSO Buyers Guide



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DENSO P/N	MAKE	MODEL	
DAN005	LAND ROVER	DEFENDER	
DAN008	LAND ROVER	DISCOVERY I (89-98)	
		DISCOVERY II (98-04)	
		RANGE ROVER II (94-02)	
DAN016	LAND ROVER	RANGE ROVER II (94-02)	
DAN020	LAND ROVER	DEFENDER	
		DISCOVERY I (89-98)	
		RANGE ROVER II (94-02)	
DAN047	FORD	ESCORT VII (95-02)	
		FIESTA IV (95-02)	
DAN501	ALFA ROMEO	147	
		156	
		GT (03-10)	
	FIAT	BRAVA (95-01)	
		BRAVO (95-02)	
		DOBLO (01-)	
		IDEA	
		MAREA	
		MULTIPLA	
		PUNTO (99-)	
	STILO		
	LANCIA	LYBRA	
		MUSA	
	DAN502	ALFA ROMEO	145
			146
			147
			155
156			
166			
GTV (95-05)			
SPIDER (95-05)			
FIAT			BARCETTA
			BRAVA (95-01)
		BRAVO (95-02)	
		COUPE	
		DOBLO (01-)	
		MAREA	
		MULTIPLA	
PUNTO (99-)			
STILO			
STRADA			
LANCIA	KAPPA		
	LYBRA		
DAN504	FORD	ESCORT V (90-94)	
		ESCORT VI (92-95)	
		ESCORT VII (95-02)	
		FIESTA (91-96)	
		FIESTA III (89-97)	
		ORION III (90-94)	
DAN505	FORD	FOCUS I (98-05)	
DAN506	OPEL	AGILA (00-07)	
		ASTRA H (04-)	
		COMBO (01-)	
		SIGNUM	
		VECTRA C (02-)	
		ZAFIRA (05-)	
	VAUXHALL	ASTRA MK V (04-09)	
		ASTRA MK V (04-)	
		SIGNUM	
		VECTRA (00-08)	
		ZAFIRA (05-)	
DAN507	FORD	FOCUS I (98-05)	
	FORD AUSTRALIA	FOCUS	
DAN509	OPEL	ASTRA H (04-)	
		SIGNUM	
		VECTRA C (02-)	
		ZAFIRA (05-)	
	SAAB	9-3 (02-)	
	VAUXHALL	ASTRA MK V (04-09)	
		ASTRA MK V (04-)	
VECTRA (00-08)			
ZAFIRA (05-)			

DENSO P/N	MAKE	MODEL	
DAN510	ALFA ROMEO	SPIDER (06-)	
		OPEL	ASTRA H (04-)
			SIGNUM
			VECTRA C (02-)
	ZAFIRA (05-)		
	VAUXHALL	ASTRA MK V (04-09)	
		ASTRA MK V (04-)	
		SIGNUM	
		VECTRA (00-08)	
		ZAFIRA (05-)	
DAN511	FIAT	DOBLO (01-)	
		PUNTO (99-)	
LANCIA	Y		
DAN512	LANCIA	THESIS	
DAN513	ALFA ROMEO	147	
		156	
	FIAT	BRAVO (06-)	
		CROMA (05-)	
		GRANDE PUNTO	
STILO			
DAN514	ALFA ROMEO	159	
	FIAT	BRAVO (06-)	
CROMA (05-)			
PUNTO (99-)			
DAN515	CITROËN	C2	
		C3 (02-09)	
		C3 (09-)	
		C3 Pluriel (03-)	
		C4	
	IVECO	DAILY I (78-99)	
		DAILY II (89-99)	
		DAILY III (99-06)	
		DAILY IV (06-)	
PEUGEOT	307		
DAN517	FIAT	GRANDE PUNTO	
		PANDA (03-)	
		PUNTO (99-)	
		PUNTO EVO (08-)	
LANCIA	MUSA		
DAN518	FIAT	BRAVO (95-02)	
		COUPE	
		MAREA	
LANCIA	LYBRA		
DAN519	FIAT	500 (07-)	
		GRANDE PUNTO	
		IDEA	
		LINEA	
		PANDA (03-)	
		PUNTO EVO (08-)	
	FORD	KA (08-)	
LANCIA	MUSA		
YPSILON (843) (03-11)			
DAN520	FIAT	DOBLO (01-)	
		MULTIPLA	
		PALIO	
		PUNTO (99-)	
		SIENA	
		STILO	
		STRADA	
DAN521	SMART	CABRIO	
		CITY-COUPE	
		FORTWO (04-07)	
		ROADSTER	
DAN525	FIAT	BRAVA (95-01)	
		BRAVO (95-02)	
		MAREA	
LANCIA	DEDRA		
DELTA (93-99)			
DAN562	FORD	FOCUS I (98-05)	
DAN574	AUTOBIANCHI	Y10	
	FIAT	PANDA (80-04)	
TIPO			

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DENSO P/N	MAKE	MODEL
DAN574		UNO (83-)
<i>continued</i>	LANCIA	Y10
DAN582	FORD	C-MAX (07-) FOCUS C-MAX (03-07) FOCUS II (04-)
DAN583	OPEL	AGILA (00-07) AGILA (08-) ASTRA H (04-) CORSA C (00-) CORSA D (06-) MERIVA (03-)
	VAUXHALL	AGILA (08-) CORSA (06-) CORSAVAN (06-) MERIVA (10-)
DAN584	OPEL	AGILA (00-07) AGILA (08-) ASTRA H (04-) CORSA C (00-) CORSA D (06-) MERIVA (03-)
	VAUXHALL	AGILA (08-) CORSA (06-) CORSAVAN (06-) MERIVA (10-)
DAN585	OPEL	AGILA (00-07) AGILA (08-) ASTRA H (04-) CORSA C (00-) CORSA D (06-) MERIVA (03-)
	VAUXHALL	AGILA (08-) CORSA (06-) CORSAVAN (06-) MERIVA (10-)
DAN587	FORD	FOCUS I (98-05)
DAN588	FORD	C-MAX (07-) FIESTA V (01-10) FOCUS C-MAX (03-07) FOCUS I (98-05) FOCUS II (04-) FUSION
DAN590	FORD	FOCUS I (98-05)
DAN591	FIAT	PANDA (03-) PUNTO (99-)
DAN596	FIAT	PALIO PUNTO (99-) SIENA
DAN597	FIAT	PUNTO (99-) STILO
DAN599	FIAT	500 (07-) 500 C (09-) BRAVO (06-) GRANDE PUNTO LINEA PUNTO (99-) STILO
DAN603	IVECO	M MK P/PA TurboStar TurboTech Zeta
DAN607	IVECO	DAILY I (78-99)
DAN608	ALFA ROMEO	ALFETTA AR 6 AR 8
	FIAT	131 132 ARGENTA CAMPAGNOLA DUCATO (82-90)

DENSO P/N	MAKE	MODEL
DAN608		DUCATO (89-94)
<i>continued</i>		DUCATO (94-02) PANDA (80-04)
DAN609	IVECO	DAILY I (78-99) DAILY II (89-99)
DAN610	ALFA ROMEO	AR 8
	FIAT	131 REGATA UNO (83-)
	IVECO	DAILY I (78-99) DAILY II (89-99)
	LANCIA	DELTA (79-94) Y10
DAN611	FIAT	CROMA (85-96)
	LANCIA	DELTA (79-94) PRISMA
DAN613	FIAT	ARGENTA CROMA (85-96) RITMO (78-88) TEMPRA TIPO
	LANCIA	DEDRA DELTA (79-94) DELTA (93-99)
DAN615	FIAT	CROMA (85-96) TEMPRA TIPO
	LANCIA	DEDRA DELTA (93-99) THEMA (86-94)
DAN617	FIAT	TEMPRA TIPO
	LANCIA	DEDRA DELTA (93-99)
DAN618	FIAT	CINQUECENTO PANDA (80-04) SEICENTO
DAN621	CITROËN	JUMPY (95-06)
	FIAT	PALIO PUNTO (93-00) STRADA
DAN623	FIAT	DUCATO (94-02)
DAN627	FIAT	DUCATO (94-02)
DAN628	FIAT	BRAVA (95-01) BRAVO (95-02)
DAN629	FIAT	BRAVA (95-01) BRAVO (95-02) MAREA PALIO PUNTO (99-) SIENA
	LANCIA	Y
DAN630	FIAT	DOBLO (01-) MULTIPLA PALIO STRADA
	LANCIA	Y
DAN631	FIAT	SEICENTO
DAN632	ALFA ROMEO	145 146 155 156 166 166 GTV (95-05) SPIDER (95-05)
	FIAT	BRAVA (95-01) BRAVO (95-02) COUPE MAREA
	LANCIA	DEDRA DELTA (93-99)
DAN633	ALFA ROMEO	145

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DENSO P/N	MAKE	MODEL	
DAN633 <i>continued</i>		146	
		147	
		155	
		156	
		GTV (95-05)	
		SPIDER (95-05)	
	FIAT	BARCETTA	
		BRAVA (95-01)	
		BRAVO (95-02)	
		COUPE	
		MAREA	
LANCIA	PUNTO (99-)		
DAN636	ALFA ROMEO	145	
		146	
	FIAT	BRAVA (95-01)	
		BRAVO (95-02)	
		COUPE	
LANCIA	MAREA		
DAN640	FIAT	DOBLO (01-)	
		STILO	
		STRADA	
DAN641	ALFA ROMEO	145	
		146	
		147	
		155	
		156	
		166	
		GTV (95-05)	
		SPIDER (95-05)	
		FIAT	BARCETTA
			BRAVA (95-01)
	BRAVO (95-02)		
	COUPE		
	DUCATO (94-02)		
	MAREA		
	MULTIPLA		
	PUNTO (99-)		
	STILO		
	LANCIA	KAPPA	
		LYBRA	
DAN645	AUTOBIANCHI	A 112	
	FIAT	127	
		PANDA (80-04)	
		UNO (83-)	
	SEAT	FURA	
		IBIZA I (84-93)	
		MARBELLA	
		PANDA	
DAN648	SMART	TERRA	
		CABRIO	
		CITY-COUPE	
DAN670	LAND ROVER	FORTWO (04-07)	
		DEFENDER	
DAN671	JAGUAR	DISCOVERY II (98-04)	
DAN672	JAGUAR	XK 8	
XJ (97-03)			
DAN673	LAND ROVER	XK 8	
DAN674	LAND ROVER	FREELANDER (98-06)	
DAN930	FORD	FREELANDER (98-06)	
		C-MAX (07-)	
		FIESTA V (01-10)	
		FOCUS C-MAX (03-07)	
		FOCUS II (04-)	
		FUSION	
		KUGA	
	FORD AUSTRALIA	FOCUS	
	MAZDA	3 (00-09)	
		3 (09-)	
	VOLVO	C30	
C70 II (06-)			

DENSO P/N	MAKE	MODEL
DAN930 <i>continued</i>		S40 (04-)
		V50 (04-)
DAN931	FORD	FOCUS C-MAX (03-07)
DAN932	FORD	FOCUS II (04-)
		C-MAX (07-)
		FOCUS C-MAX (03-07)
DAN933	FORD	FOCUS II (04-)
		C-MAX (07-)
		FOCUS C-MAX (03-07)
DAN934	FORD	FOCUS II (04-)
DAN935	ALFA ROMEO	159
		BRERA
		SPIDER (06-)
DAN936	ALFA ROMEO	159
		BRERA
	FIAT	SPIDER (06-)
DAN938	TOYOTA	CROMA (05-)
		AURIS (06-12)
		AVENSIS (03-08)
		AVENSIS (09-)
		COROLLA (04-09)
DAN939	TOYOTA	VERSO
		AVENSIS (97-03)
DAN940	TOYOTA	COROLLA (97-)
DAN941	TOYOTA	AVENSIS (03-08)
		COROLLA (97-)
		COROLLA (01-07)
		COROLLA (04-09)
DAN942	TOYOTA	COROLLA (01-07)
		CELICA (99-05)
DAN943	TOYOTA	COROLLA (97-)
DAN944	TOYOTA	COROLLA (01-07)
DAN945	TOYOTA	CELICA (99-05)
		COROLLA (97-)
		COROLLA (01-07)
DAN948	TOYOTA	COROLLA VERSO (01-)
		COROLLA VERSO (01-)
DAN949	TOYOTA	MR 2 (00-05)
DAN950	TOYOTA	RAV 4 II (00-06)
DAN951	TOYOTA	YARIS (99-05)
		YARIS VERSO (99-05)
DAN952	TOYOTA	RAV 4 II (00-06)
		AVENSIS VERSO
		PREVIA (00-06)
DAN953	TOYOTA	RAV 4 II (00-06)
		CAMRY (91-97)
		CARINA E (92-97)
		RAV 4 I (94-00)
DAN954	TOYOTA	RAV 4 I (94-00)
DAN955	TOYOTA	RAV 4 I (94-00)
DAN959	TOYOTA	YARIS (99-05)
		YARIS VERSO (99-05)
DAN960	TOYOTA	MR 2 (89-00)
DAN961	TOYOTA	YARIS (99-05)
DAN962	TOYOTA	YARIS (99-05)
DAN964	TOYOTA	YARIS (99-05)
DAN966	TOYOTA	YARIS (99-05)
		YARIS VERSO (99-05)
DAN968	DAIHATSU	HIJET (83-90)
		HIJET (92-)
		APPLAUSE (89-97)
DAN969	DAIHATSU	APPLAUSE (97-00)
		FEROZA Hard Top
		FEROZA Soft Top
		CHARADE (93-)
DAN970	DAIHATSU	GRAN MOVE
		CHARADE (93-)
DAN971	DAIHATSU	GRAN MOVE
DAN972	DAIHATSU	CHARADE (93-)

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DENSO P/N	MAKE	MODEL
DAN972		GRAN MOVE
<i>continued</i>		
DAN973	DAIHATSU	CUORE (90-98) CUORE (98-03) CUORE (03-) MOVE (94-) SIRION (98-05) TREVIS YRV
DAN974	DAIHATSU	CUORE (98-03) MOVE (94-) SIRION (98-05)
DAN975	DAIHATSU	COPEN
DAN976	DAIHATSU	COPEN SIRION (98-05) TERIOS (97-) TERIOS (05-) YRV
DAN977	DAIHATSU	SIRION (05-)
DAN978	DAIHATSU	EXTOL
DAN979	DAIHATSU	MATERIA SIRION (05-)
DAN980	DAIHATSU	MATERIA
DAN981	MINI	MINI (R50, R53) (01-07)
DAN983	HONDA	ACCORD VIII (03-)
DAN984	HONDA	ACCORD IX (08-) ACCORD VIII (03-) CIVIC VIII (05-) CR-V (02-06) FR-V
DAN985	HONDA	CIVIC VIII (05-) CR-V (06-12)
DAN986	LAND ROVER	DISCOVERY III (04-09)
DAN987	LAND ROVER	DISCOVERY III (04-09) RANGE ROVER SPORT
DAN988	LAND ROVER	RANGE ROVER SPORT
DAN989	LAND ROVER	RANGE ROVER III (02-)
DAN990	LAND ROVER	RANGE ROVER SPORT
DAN991	LAND ROVER	DISCOVERY III (04-09) RANGE ROVER III (02-) RANGE ROVER SPORT
DAN992	FIAT LANCIA	IDEA YPSILON (843) (03-11)
DAN993	ALFA ROMEO FIAT LANCIA	GIULIETTA (10-) MITO BRAVO (06-) GRANDE PUNTO LINEA PUNTO EVO (08-) DELTA (08-) MUSA
DAN994	ALFA ROMEO LANCIA	MITO DELTA (08-) MUSA
DAN995	LANCIA	DELTA (08-)
DAN996	FIAT	PUNTO EVO (08-)
DAN997	ALFA ROMEO FIAT	MITO PUNTO EVO (08-)
DAN998	ALFA ROMEO FIAT FORD	MITO 500 (07-) 500 C (09-) BRAVO (06-) DOBLO (01-) FIORINO (07-) GRANDE PUNTO IDEA LINEA PANDA (03-) PUNTO (99-) PUNTO EVO (08-) STILO KA (08-)

DENSO P/N	MAKE	MODEL
DAN998	LANCIA	MUSA
<i>continued</i>		
DAN999	FIAT	YPSILON (843) (03-11) GRANDE PUNTO PUNTO EVO (08-)
DAN1000	ALFA ROMEO	159 BRERA GIULIETTA (10-) SPIDER (06-)
DAN1001	ALFA ROMEO FIAT	MITO PUNTO EVO (08-)
DAN1002	FIAT	DOBLO (01-) DOBLO (09-) GRANDE PUNTO IDEA LINEA PUNTO EVO (08-)
DAN1003	LANCIA FIAT	MUSA LINEA PUNTO EVO (08-)
DAN1004	LANCIA ALFA ROMEO FIAT	YPSILON (843) (03-11) MITO 500 (07-) 500 C (09-) PUNTO EVO (08-)
DAN1005	FIAT	500 (07-) 500 C (09-) PUNTO EVO (08-)
DAN1006	SUZUKI	GRAND VITARA (98-06)
DAN1007	SUZUKI	IGNIS (00-05) IGNIS (03-) JIMNY LIANA
DAN1008	SUZUKI	JIMNY
DAN1009	CADILLAC SAAB	BLS 9-3 (02-) 9-5 (97-)
DAN1010	CITROËN PEUGEOT	C2 C3 (02-09) C3 (09-) C3 Pluriel (03-) C4 206 (98-) 207 307 1007
DAN1011	TOYOTA	AURIS (06-12) AVENSIS (09-) VERSO
DAN1012	TOYOTA	AURIS (06-12) YARIS (05-)
DAN1013	TOYOTA	AVENSIS (09-) VERSO
DAN1014	TOYOTA	YARIS (05-)
DAN1015	TOYOTA	AURIS (06-12) YARIS (05-)
DAN1016	FORD	C-MAX (07-) FOCUS C-MAX (03-07) FOCUS II (04-)
DAN1017	TOYOTA	YARIS (05-)
DAN1018	TOYOTA	AURIS (06-12) YARIS (05-)
DAN1019	TOYOTA	AURIS (06-12)
DAN1020	TOYOTA	YARIS (05-)
DAN1021	TOYOTA	AURIS (06-12)
DAN1023	FORD	C-MAX (07-) FOCUS C-MAX (03-07) FOCUS II (04-)
DAN1024	TOYOTA	YARIS (05-)
DAN1025	TOYOTA	YARIS (05-)
DAN1030	NISSAN	ALMERA (00-) ALMERA TINO (00-)
DAN1031	NISSAN	ALMERA (00-)

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DENSO P/N	MAKE	MODEL
DAN1031		ALMERA TINO (00-)
<i>continued</i>		PRIMERA (96-02)
DAN1032	FIAT	500 (07-)
		PANDA (03-)
		PUNTO EVO (08-)
	OPEL	AGILA (00-07)
		ASTRA H (04-)
		COMBO (01-)
		MERIVA (03-)
DAN1033	OPEL	CORSA C (00-)
		CORSA D (06-)
		MERIVA (10-)
		TIGRA
DAN1034	OPEL	COMBO (01-)
		MERIVA (03-)
	VAUXHALL	COMBO (01-12)
		MERIVA (03-10)
		TIGRA (04-09)
DAN1035	CITROËN	C1
	PEUGEOT	107
	TOYOTA	AYGO
DAN1036	CITROËN	C1
	PEUGEOT	107
	TOYOTA	AYGO
DAN1037	FIAT	DOBLO (01-)
		MULTIPLA
		PALIO
		PUNTO (99-)
		SIENA
		STILO
		STRADA
DAN1038	FIAT	PALIO
		PUNTO (93-00)
		SIENA
DAN1039	FIAT	PUNTO (99-)
	LANCIA	YPSILON (843) (03-11)
DAN1040	BMW	1 (E81, E87)
		1 (E82)
		3 (E90)
		3 (E91)
		3 (E92)
		3 (E93)
DAN1041	FORD	FOCUS C-MAX (03-07)
		FOCUS II (04-)
DAN1042	TOYOTA	AURIS (06-12)
		YARIS (05-)
DAN1045	TOYOTA	AVENSIS (09-)
DAN1057	TOYOTA	AURIS (06-12)
		COROLLA (06-)
DAN1061	TOYOTA	AURIS (06-12)
		COROLLA (06-)
DAN1062	FIAT	SEDICI
	SUZUKI	SX4
DAN1063	CITROËN	BERLINGO (96-)
		SAXO
	PEUGEOT	106 (96-)
		306
		PARTNER (96-)
DAN1066	ALFA ROMEO	GIULIETTA (10-)
DAN1071	PEUGEOT	208
DAN1073	FORD	B-MAX
		FOCUS III (11-)
DAN1074	FORD	C-MAX (07-)
		FOCUS III (11-)
		GRAND C-MAX
DAN1078	ALFA ROMEO	MITO
	FIAT	500 (07-)
		500 C (09-)
		PANDA (12-)
		PUNTO
	LANCIA	YPSILON (846) (11-)
DSN504	BMW	3 (E46)

DENSO P/N	MAKE	MODEL
DSN504		5 (E39)
<i>continued</i>		
DSN576	FIAT	IDEA
		PANDA (03-)
	LANCIA	YPSILON (843) (03-11)
DSN577	FIAT	BRAVA (95-01)
		BRAVO (95-02)
		MAREA
		PALIO
		SIENA
		TEMPRA
	LANCIA	DELTA (93-99)
DSN579	ALFA ROMEO	145
		146
		147
		155
		156
		166
		GTV (95-05)
		SPIDER (95-05)
	FIAT	BARCETTA
		BRAVA (95-01)
		BRAVO (95-02)
		COUPE
		MAREA
		PUNTO (99-)
		STILO
		TEMPRA
	LANCIA	DEDRA
		DELTA (93-99)
		KAPPA
		LYBRA
		THESIS
DSN583	SMART	CITY-COUPE
DSN585	AUTOBIANCHI	A 112
	FIAT	127
		CINQUECENTO
		FIORINO (77-88)
		PANDA (80-04)
		SEICENTO
		UNO (83-)
	FSO	127P
	INNOCENTI	KORAL
	SEAT	FURA
		IBIZA I (84-93)
		MALAGA
		MARBELLA
		PANDA
		RONDA
		TERRA
DSN586	FIAT	BRAVA (95-01)
		BRAVO (95-02)
		ELBA
		FIORINO (88-05)
		MAREA
		PALIO
		PUNTO (93-00)
		SCUDO (96-06)
		SIENA
		TEMPRA
		UNO (83-)
	LANCIA	DEDRA
		DELTA (93-99)
DSN600	LAND ROVER	DEFENDER
		DISCOVERY II (98-04)
DSN601	LAND ROVER	FREELANDER (98-06)
	MG	MG ZT
	ROVER	75
DSN602	LAND ROVER	FREELANDER (98-06)
DSN603	LAND ROVER	FREELANDER (98-06)
	ROVER	75
DSN604	LAND ROVER	FREELANDER (98-06)

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DENSO P/N	MAKE	MODEL
DSN605	JAGUAR	S-TYPE
		XK 8
DSN920	TOYOTA	AVENSIS (03-08)
		COROLLA (04-09)
DSN921	TOYOTA	AURIS (06-12)
		AVENSIS (97-03)
		CELICA (99-05)
		COROLLA (97-)
		COROLLA (01-07)
		COROLLA (06-)
		COROLLA VERSO (01-)
		MR 2 (00-05)
		RAV 4 II (00-06)
		WISH
DSN922	TOYOTA	AVENSIS (97-03)
DSN923	TOYOTA	AVENSIS (97-03)
		CAMRY (91-97)
		CARINA E (92-97)
		PICNIC (96-03)
		RAV 4 I (94-00)
DSN926	TOYOTA	AURIS (06-12)
		COROLLA (97-)
		COROLLA (01-07)
		COROLLA (06-)
		YARIS (05-)
DSN928	TOYOTA	AVENSIS VERSO
		COROLLA (01-07)
		COROLLA VERSO (01-)
		PICNIC (96-03)
		RAV 4 II (00-06)
DSN929	LEXUS	RX (00-03)
	TOYOTA	AVENSIS VERSO
		CAMRY (96-02)
		CAMRY SOLARA (98-01)
		CAMRY SOLARA (00-02)
		PICNIC (01-06)
		PREVIA (00-06)
		RAV 4 II (00-06)
DSN931	TOYOTA	YARIS (99-05)
DSN934	TOYOTA	YARIS (99-05)
		YARIS VERSO (99-05)
DSN935	TOYOTA	YARIS (99-05)
		YARIS VERSO (99-05)
DSN936	TOYOTA	YARIS (99-05)
		YARIS VERSO (99-05)
DSN937	TOYOTA	YARIS (99-05)
		YARIS VERSO (99-05)
DSN939	IVECO	EuroTech MH
		EuroTrakker
		Stralis
		Trakker
DSN940	IVECO	EuroStar
		EuroTech MP
		EuroTrakker
		Stralis
DSN941	MG	MG ZT
	ROVER	75
DSN942	CITROËN	C5 (08-)
		C6
	PEUGEOT	407
		607
DSN944	LAND ROVER	DISCOVERY III (04-09)
		RANGE ROVER SPORT
DSN945	TOYOTA	AURIS (06-12)
		YARIS (05-)
DSN946	TOYOTA	AURIS (06-12)
DSN947	TOYOTA	AVENSIS (09-)
		VERSO
DSN948	TOYOTA	YARIS (05-)
DSN949	TOYOTA	AURIS (06-12)

DENSO P/N	MAKE	MODEL
DSN949		YARIS (05-)
<i>continued</i>		
DSN950	TOYOTA	AVENSIS (03-08)
		COROLLA (04-09)
DSN951	NISSAN	100 NX
		ALMERA (95-00)
		ALMERA (00-)
		ALMERA TINO (00-)
		PRIMERA (90-98)
		PRIMERA (96-02)
		PRIMERA (02-)
		PRIMERA (96-02)
DSN952	NISSAN	PRIMERA (96-02)
DSN953	NISSAN	PICK UP (97-)
		TERRANO II
DSN954	NISSAN	X-TRAIL (01-)
DSN955	NISSAN	QASHQAI
		TIIDA (07-)
		X-TRAIL (07-)
DSN956	NISSAN	PATROL GR II (97-)
DSN957	AUDI	A3 (96-03)
	SEAT	ALHAMBRA
	VW	BORA
		GOLF IV (97-08)
		SHARAN (95-)
DSN958	AUDI	A3 (96-03)
	SEAT	ALHAMBRA
	VW	BORA
		GOLF IV (97-08)
		SHARAN (95-)
DSN959	BMW	3 (E46)
		5 (E60)
		5 (E61)
		7 (E65, E66)
		X3 (E83)
		X5 (E53)
DSN960	FIAT	PANDA (80-04)
		TIPO
		UNO (83-)
	LANCIA	Y10
DSN961	FIAT	BRAVA (95-01)
		BRAVO (95-02)
		MAREA
		PUNTO (93-00)
		PUNTO (99-)
		Y
	LANCIA	YPSILON (843) (03-11)
DSN962	AUDI	A1 (10-)
		Q3 (11-)
	SEAT	ALHAMBRA
		VW
		SHARAN (10-)
		TIGUAN
DSN963	AUDI	A1 (10-)
		A3 (03-12)
	SEAT	ALTEA
		ALTEA XL
		IBIZA V (08-)
		LEON (05-)
		FABIA (06-)
		OCTAVIA 123/125 (04-12)
	SKODA	RAPID
		RAPID (11-)
		ROOMSTER
		SUPERB (08-)
		BEETLE
		CADDY III (04-)
VW	GOLF PLUS (05-)	
	GOLF VI (08-13)	
	GOLF VI (08-)	
	JETTA (05-10)	
	JETTA (10-)	
	MULTIVAN	

Starters & Alternators

Buyers Guide

DENSO P/N	MAKE	MODEL
DSN963 <i>continued</i>		PASSAT (05-10)
		POLO (09-)
		TOURAN
		TRANSPORTER V (03-)
DSN964	AUDI	A3 (03-12)
	SEAT	ALTEA
		ALTEA XL
		LEON (05-)
	VW	BEETLE
		CADDY III (04-)
		GOLF PLUS (05-)
		GOLF VI (08-13)
		GOLF VI (08-)
		JETTA (10-)
	TOURAN	
DSN965	AUDI	Q7 (06-)
	VW	TOUAREG (10-)
DSN967	MERCEDES-BENZ	C-CLASS (C204) (11-)
		C CLASS (S204) (07-)
		C CLASS (W204) (07-)
		CLS (C218) (11-)
		E-CLASS (A207) (10-)
		E-CLASS (C207) (09-)
		E-CLASS (S212) (09-)
		E-CLASS (W212) (09-)
		GLK-CLASS (X204) (08-)
		SLK (R172) (11-)
		SPRINTER 3-t (906) (06-)
		SPRINTER 3,5 (906) (06-)
		VIANO (W639) (03-)
		VITO (W639) (03-)
		VITO / MIXTO (W639) (03-)
DSN968	MERCEDES-BENZ	C-CLASS (CL203) (01-08)
		C-CLASS (S203) (01-07)
		C CLASS (S204) (07-)
		C-CLASS (W203) (00-07)
		C CLASS (W204) (07-)
		CLC (CL203) 08-11
		CLK (C209) (02-09)
		E-CLASS (S211) (03-09)
		E-CLASS (W211) (02-08)
		SPRINTER 3-t (906) (06-)
		SPRINTER 5-t (906) (06-)
		SPRINTER 3,5 (906) (06-)
DSN970	PORSCHE	911 (997)
		BOXSTER
		CAYMAN
DSN972	PORSCHE	911 (991)
		BOXSTER
DSN975	FIAT	500 (07-)
		500 C (09-)
		500L
		PANDA (12-)
		PUNTO
	LANCIA	YPSILON (846) (11-)

DENSO Cross Reference Chart



Starters & Alternators

Cross Reference Chart

ALFA ROMEO	DENSO
2022610	DAN609
4224325	DAN609
4257074	DAN609
4275283	DAN609
4474752	DAN609
4643171	DAN613
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
30667072	DAN935
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
46445658	DAN641
46445660	DAN502
46448434	DAN502
46554211	DSN579
46763532	DAN502
46765836	DAN502
46769369	DAN502
0046782219	DAN502
47220501	DAN609
50500728	DAN936
50502479	DAN935
51734825	DAN936
51829380	DSN975
51854898	DAN1000
51854901	DAN994
51854902	DAN995
51854907	DAN1001
51854912	DAN997
51859043	DAN1004
51872564	DSN975
51874105	DAN1078
51884886	DAN1066
60812535	DAN502

ALFA ROMEO	DENSO
60812583	DAN632
60812713	DAN502
60816046	DAN502
62231786	DAN609
71746673	DAN514
73501591	DAN514
73503235	DAN513
77028550	DAN609
77138410	DAN609
77250410	DAN609
77515410	DAN609
77515411	DAN609
88206010	DAN609
294391300	DAN609
294392000	DAN609
116760506000	DAN608
116760506000	DAN609
116760506100	DAN609
AT050600108	DAN609

AUDI	DENSO
0AH 911 023 F	DSN964
0AH 911 023 FX	DSN964
02M 911 024 H	DSN962
02M 911 024 HX	DSN962
02Z 911 023 N	DSN963
02Z 911 023 NX	DSN963
02Z 911 023 P	DSN963
02Z 911 023 PX	DSN963
02Z 911 024 K	DSN963
02Z 911 024 KX	DSN963
09A 911 023	DSN957
09A 911 023 A	DSN958
09A 911 023 B	DSN958
09A 911 023 BX	DSN958
09A 911 023 X	DSN957
059 911 024 K	DSN965
059 911 024 KX	DSN965

BMW	DENSO
4496934	DSN504
7788680	DAN959
22470963	DSN504
755046802	DAN1040
12317550468	DAN1040
12317585940	DAN1040
12412247063	DSN504
12414496934	DSN504
12417788680	DSN959

CITROEN	DENSO
96 373 987 80	DAN1010
96 650 679 80	DAN1010
5702F0	DAN1010
5702J1	DAN1035
5702J2	DAN1036
5702K3	DAN1010
5702L0	DAN1035
5702L1	DAN1036
5705CW	DAN1010
5705EL	DAN1063
5705EN	DAN1010
5705GG	DAN1063
5705GK	DAN1063
5705KH	DAN1035
5705NN	DAN1035
5705NP	DAN1036
5802AH	DSN942
5802AP	DSN942
5802AX	DSN942
5802FE	DSN942
5802FF	DSN942

CITROEN	DENSO
57050KJ	DAN1036
57055Q	DAN1063
57056M	DAN1063
57056U	DAN1063
57057G	DAN1063
57057H	DAN1063
9606007480	DAN1071
9635557780	DAN1063
9638543680	DAN515
9642879680	DAN515
9688237380	DAN1071

DAIHATSU	DENSO
27060-97402	DAN977
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

FIAT	DENSO
3914191	DSN585
3915113	DSN585
4224325	DAN607
4229113	DSN585
4229114	DSN585
4273601	DAN607
4383593	DAN645
4401806	DSN585
4417595	DAN645
4450594	DAN645
4451759	DAN645
4456152	DAN645
4458618	DAN645
4468806	DSN585
4474592	DAN603
4475266	DAN607
4475268	DAN607
4475902	DAN603
4621578	DAN608
4623510	DSN960
4639036	DAN518
4641710	DAN613
4711700	DAN608
4715786	DAN603
4717509	DAN603
4717871	DAN603
4717872	DAN603
4720511	DAN608
4721890	DAN603
4722724	DAN603
4738563	DAN603
4738568	DAN603
4738569	DAN603
4738570	DAN603
4738571	DAN603
4738772	DAN603
4738773	DAN603
4738775	DAN603
4765931	DAN607
4765933	DAN607
4765934	DAN607
4783538	DAN608
4786913	DAN603

FIAT	DENSO
4786914	DAN603
4786915	DAN603
4786916	DAN603
4786917	DAN603
4786918	DAN603
4786919	DAN603
4786920	DAN603
4787663	DAN608
4787668	DAN607
4787671	DAN607
4800504	DAN607
4803546	DAN603
4808268	DAN603
4808502	DAN610
4808505	DAN608
4808506	DAN607
4808510	DAN607
4808517	DAN607
4808518	DAN607
4808519	DAN603
4808520	DAN603
4808521	DAN603
4808522	DAN603
4808523	DAN603
4808524	DAN603
4808525	DAN603
4808526	DAN603
4808528	DAN603
4839558	DAN603
5101645	DAN607
5746343	DAN645
5895028	DAN511
5895028ES	DAN511
5895033	DAN630
5895034	DAN511
5947366	DAN645
5972684	DSN585
5973034	DAN645
5973035	DAN645
5990966	DAN603
5999906	DSN960
7546342	DAN645
7547935	DAN611
7565832	DAN574
7612952	DSN960
7621040	DSN960
7622952	DSN960
7634289	DAN615
7646189	DAN611
7651051	DAN617
7668988	DSN585
7680615	DSN586
7693374	DAN618
7697863	DAN615
7697870	DAN615
7702242	DAN617
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

Starters & Alternators

Cross Reference Chart

FIAT	DENSO
7781075	DAN641
7782314	DAN502
7782314	DAN641
7788684	DAN1038
9314191	DSN585
42498163	DAN603
42498164	DAN603
42498165	DAN603
42498213	DAN603
42498271	DAN603
42758246	DAN597
46000353	DAN511
46231500	DSN585
46231504	DSN585
46231505	DSN585
46231510	DSN960
46231535	DSN586
46231542	DSN577
46231650	DAN618
46231655	DAN608
46231660	DAN574
46231671	DAN502
46231671	DAN641
46231693	DAN511
46231695	DAN630
46231700	DAN613
46231705	DAN525
46231724	DAN502
46231735	DAN615
46231746	DAN615
46305329	DAN502
46406970	DSN585
46406973	DSN579
46406974	DSN579
46407644	DAN511
46407644ES	DAN511
46407646	DAN630
46407646ES	DAN511
46407647	DAN511
46412681	DAN502
46412681	DAN641
46417006	DSN577
46417006	DSN586
46419911	DAN574
46420106	DSN579
46420960	DAN511
46420960ES	DAN511
46420961	DAN511
46420963	DAN1038
46420966	DAN621
46425517	DAN628
46428730	DAN502
46428730	DAN632
46428733	DAN525
46430110	DAN627
46430112	DAN623
46430524	DAN630
46430528	DAN636
46430529	DAN502
46430529	DAN641
46430531	DAN502
46430531	DAN633
46430531	DAN641
46430533	DAN632
46432262	DSN960
46432301	DSN585
46432733	DAN1038
46434360	DAN518
46434931	DAN623
46434933	DAN621
46436507	DAN511
46437413	DAN629

FIAT	DENSO
46442044	DSN579
46445094	DAN615
46445100	DAN617
46445658	DAN502
46445660	DAN502
46445660	DAN632
46448433	DAN636
46448434	DAN502
46448434	DAN633
46448434	DAN641
46454211	DSN579
46457327	DAN632
46465273	DSN585
46465475	DSN960
46468696	DSN579
46472225	DAN618
46472226	DAN623
46473787	DSN577
46475793	DSN577
46478224	DSN577
46516740	DAN629
46540294	DAN621
46542889	DAN591
46542889	DAN596
46543023	DAN641
46548653	DSN961
46554408	DAN1037
46559015	DAN630
46709067	DAN641
46736968	DAN631
46742110	DAN511
46758244	DAN511
46763532	DAN502
46763532	DAN633
46763532	DAN641
46763533	DAN1037
46765835	DAN632
46765836	DAN502
46765836	DAN641
46765837	DAN632
46769369	DAN502
46774415	DSN577
46774428	DAN512
0046774430	DAN520
46774430	DAN1037
46782212	DAN501
46782213	DAN501
0046782218	DAN640
0046782219	DAN502
46797350	DSN585
46813064	DSN576
46816031	DAN630
46843091	DAN591
46843091	DAN596
46843092	DSN960
46843098	DAN511
48008507	DAN610
50500728	DAN936
50502479	DAN935
51700669	DAN992
51700670	DAN630
51700675	DAN998
51709131	DAN1039
51709132	DAN597
51709133	DAN591
51709133	DAN596
51714791	DAN519
51714792	DAN599
51714794	DAN517
51772325	DSN576
51805800	DAN1002
51805803	DAN1003

FIAT	DENSO
51829380	DSN975
51854902	DAN995
51854903	DAN993
51854905	DAN1003
51854907	DAN1001
51854910	DAN1002
51854912	DAN997
51854915	DAN996
51859037	DAN517
51859038	DAN519
51859039	DAN599
51859041	DAN999
51859042	DAN998
51859043	DAN1004
51859044	DAN1005
51872564	DSN975
51874105	DAN1078
51884886	DAN1066
55192483	DSN576
60620761	DSN579
60811650	DAN613
60812535	DAN502
60812535	DAN641
60812713	DAN502
60812713	DAN641
60812814	DAN633
60812988	DAN636
60816046	DAN502
60816047	DAN633
60816557	DAN501
60816760	DAN641
61146532	DAN603
64432301	DSN585
71721230	DSN577
71721258	DSN577
71739603	DAN632
71783564	DAN519
71794079	DAN519
73503235	DAN513
76221040	DSN960
77028550	DAN610
77050550	DAN603
77110410	DAN645
77110411	DAN645
77110890	DAN618
77145410	DAN607
77175430	DSN585
77201430	DSN585
77305430	DSN960
77347411	DAN574
88206020	DAN603
91600760	DAN511
99432760	DSN939
127908000Ax	DSN585
462123705	DAN525
464014424	DAN518
116760506000	DAN608
1304491080	DAN623
1312390080	DAN623

FORD	DENSO
2M5T-10300-AD	DAN562
3M5T-10300-AB	DAN562
3M5T-10300-AC	DAN562
3M5T-10300-KA	DAN1041
3M5T-10300-KB	DAN1041
3M5T-10300-KC	DAN1041
3M5T10300LC	DAN1023
3M5T10300LD	DAN1023
3M5T-10300-NB	DAN934
3M5T-10300-NC	DAN934
3M5T-10300-VC	DAN1016

FORD	DENSO
3M5T-10300-VD	DAN1016
3M5T-10300-XC	DAN931
3M5T-10300-XD	DAN931
3M5T-10300YC	DAN930
3M5T-10300YD	DAN930
3N11-10300-AB	DAN588
3N11-10300-AC	DAN588
3N11-10300-AD	DAN588
3N11-10300-AE	DAN588
3N11-10300-AF	DAN588
3N11-10300-AG	DAN588
4M5T-10300-BB	DAN933
4M5T-10300-BC	DAN933
4M5T-10300-BD	DAN933
4M5T-10300-LA	DAN582
4M5T-10300-LB	DAN582
4M5T-10300-LC	DAN582
4M5T-10300-UB	DAN932
4M5T-10300-UC	DAN932
4M5T-10300-UD	DAN932
9S51-10346-AA	DAN998
9S51-10346-BA	DAN998
9S51-10346-AB	DAN519
9S51-10346-BB	DAN519
91FF10300JA	DAN504
91FF10300JB	DAN504
95FF10300AA	DAN504
95FF10300AB	DAN504
95FF10300AC	DAN504
95FF10300AD	DAN504
96FF10300DC	DAN047
97AB10300AB	DAN047
97AB10300AC	DAN047
97AB10300AD	DAN047
97AB10300AE	DAN047
98AB10300BC	DAN507
98AB10300DD	DAN507
98AB10300DE	DAN507
98AB10300DG	DAN507
98AB10300DH	DAN507
98AB10300DJ	DAN507
98AB-10300-GA	DAN587
98AB-10300-GB	DAN587
98AB-10300-GC	DAN587
98AB-10300-GD	DAN587
98AB-10300-GE	DAN587
98AB-10300-GF	DAN587
98AB-10300-GG	DAN587
98AB-10300-GH	DAN587
98AB-10300-GJ	DAN587
98AB-10300-GK	DAN587
98AB-10300-GL	DAN587
98AB-10300-GM	DAN587
98AB-10300-JA	DAN505
1015821	DAN047
1018873	DAN047
1066047	DAN047
1066407	DAN047
1070806	DAN587
1071383	DAN047
1073090	DAN587
1074633	DAN504
1090085	DAN587
1107444	DAN504
1107446	DAN047
1111967	DAN587
1126499	DAN588
1127001	DAN587
1136152	DAN047
1136390	DAN587
1144182	DAN590
1144185	DAN588

Starters & Alternators

Cross Reference Chart

FORD	DENSO
1144197	DAN587
1215762	DAN588
1215771	DAN587
1219711	DAN590
1229259	DAN930
1255711	DAN930
1256552	DAN1016
1301377	DAN590
1301511	DAN587
1305962	DAN588
1306851	DAN588
1307487	DAN582
1322573	DAN588
1322879	DAN1023
1342191	DAN588
1352431	DAN932
1361258	DAN587
1361259	DAN588
1426014	DAN588
1464564	DAN582
1477738	DAN930
1477739	DAN933
1477740	DAN932
1496231	DAN582
1511220	DAN588
1530298	DAN1023
1530299	DAN1016
1535436	DAN998
1535437	DAN519
1543764	DAN1041
1673520	DAN998
1673521	DAN519
1677167	DAN582
1708472	DAN588
1748637	DAN588
1757293	DAN582
1757315	DAN932
1764816	DAN1073
1821291	DAN1074
5026722	DAN504
5030589	DAN504
7352057	DAN504
63321257	DAN504
63321666	DAN504
63321695	DAN504
63341695	DAN504
A002T14592	DAN504
A2T14592	DAN504
A002TA2292	DAN504
A2TA2292	DAN504
CV6T-10300-BC	DAN1073
CV6T-10300-DB	DAN1074
CV6T-10300-DC	DAN1074
R91FF10300JA	DAN504
R95FF10300AA	DAN504
R95FF10300AC	DAN504
R98AB-10300-GG	DAN587
R98AB-10300-GG1	DAN587
RE3N11-10300-AF	DAN588
RE4M5T-10300-LD	DAN582
RE4M5T-10300-UD	DAN932
RM4M5T-10300-KB	DAN582
YS4D-10300-AA	DAN588
YS4D-10300-AB	DAN588
YS4D-10300-AC	DAN588
YS4D-10300-AD	DAN588
YS4D-10300-AE	DAN588
YS4D-10300-AF	DAN588
YS4D-10300-AG	DAN588
YS4D-10300-AH	DAN588
YS4D-10300-AJ	DAN588

GM	DENSO
824189	DAN509
1204434	DAN509
6204189	DAN509
13117236	DAN509
93169030	DAN509
93180104	DAN509

HITACHI	DENSO
LR180-762C	DAN1031
LR1100-724C	DAN1030
S13-250	DSN958
S114-800C	DSN951
S114-875	DSN957
S13327A	DSN953
S13551C	DSN956
S114818A	DSN952
S114844A	DSN954
S114902BSH	DSN955

HONDA	DENSO
31100RAAA01	DAN983
31100RAAA02	DAN983
31100RAAA03	DAN983
31100RAAA04	DAN983
31100RAAA05	DAN983
31100RAAAA0	DAN983
31100RBDE02	DAN984
31100RSRE01	DAN985

IVECO	DENSO
4808502	DAN610
4808507	DAN610
99432760	DSN939
99486046	DSN940

JAGUAR	DENSO
96JV11001AB	DSN605
96JV-11001-AB	DSN605
96JV11001AC	DSN605
96JV-11001-AC	DSN605
96JV11001AC23	DSN605
96JV-11001-AC23	DSN605
DBC12258	DAN671
LCA1850AB	DSN605
LCA1850AB1	DSN605
LCA1850CA	DSN605
LJA1800AC	DAN672
LNA1800AA	DAN671
LNC1800AA	DAN672
LNC1800AA321	DAN672

LANCIA	DENSO
4808505	DAN608
5999906	DSN960
7547935	DAN611
7565832	DAN574
7634289	DAN615
7646189	DAN611
7646189	DAN615
7697863	DAN615
7704356	DAN618
7711092	DAN618
7781075	DAN502
7782314	DAN502
46231510	DSN960
46231650	DAN618
46231660	DAN574
46231671	DAN502
46231724	DAN502
46231735	DAN615
46305329	DAN502
46412681	DAN502

LANCIA	DENSO
46428730	DAN502
46428730	DAN632
46430528	DAN636
46430528	DAN1037
46430529	DAN502
46430531	DAN502
46430533	DAN632
46445658	DAN502
46445660	DAN502
46445660	DAN632
46448433	DAN636
46448433	DAN1037
46448434	DAN502
46763532	DAN502
46765836	DAN502
46769369	DAN502
46774428	DAN512
0046782219	DAN502
51788658	DAN993
51829380	DSN975
51854901	DAN994
51854902	DAN995
51872564	DSN975
51874105	DAN1078
60812535	DAN502
60812713	DAN502
60816046	DAN502
73503235	DAN513
77347411	DAN574
773057430	DSN960

LAND ROVER	DENSO
AMR2938	DAN016
AMR3021	DAN020
AMR3412	DAN005
AMR4248	DAN008
AMR4249	DAN005
AMR5425	DAN008
ERR6999	DAN670
ERR6999ES	DAN670
GNU4821	DSN603
GNU4824	DSN601
GNU4904	DSN601
NAD100580	DSN604
NAD100580E	DSN604
NAD100952	DSN603
NAD100952E	DSN603
NAD100952L	DSN603
NAD101090	DSN602
NAD101140	DSN601
NAD101240	DSN600
NAD101420	DSN602
NAD101500	DSN601
NAD101500E	DSN601
NAD101500ES	DSN601
NAD500080	DSN944
NAD500330	DSN944
YLE10113	DAN008
YLE101890	DAN673
YLE102060	DAN674
YLE102061	DAN674
YLE500200	DAN987
YLE500240	DAN986
YLE500250	DAN988
YLE500290	DAN990
YLE500340	DAN989
YLE500390	DAN991
YLE500400	DAN987
YLE500410	DAN986
YLE500420	DAN988
YLE500430	DAN990
YLE500440	DAN989

MAZDA	DENSO
Y60118300	DAN930

MERCEDES-BENZ	DENSO
006 151 25 01	DSN968
006 151 25 01 80	DSN968
006 151 45 01	DSN967
006 151 45 01 80	DSN967
006 151 46 01	DSN968
006 151 46 01 80	DSN968
006 151 74 01	DSN968
006 151 74 01 80	DSN968
160 154 01 01	DAN648
651 906 00 26	DSN967
651 906 00 26 80	DSN967
0003188V006	DSN583
A 006 151 25 01	DSN968
A 006 151 25 01 80	DSN968
A 006 151 45 01	DSN967
A 006 151 45 01 80	DSN967
A 006 151 46 01	DSN968
A 006 151 46 01 80	DSN968
A 006 151 74 01	DSN968
A 006 151 74 01 80	DSN968
A 160 154 01 01	DAN648
A 651 906 00 26	DSN967
A 651 906 00 26 80	DSN967
A1601540301	DAN521
A1601540501	DAN521
A1601540502	DAN521

MG	DENSO
NAD101140	DSN601
NAD101500	DSN601
NAD101500E	DSN601
NAD101500ES	DSN601

MINI	DENSO
12317790879	DAN981
12317791334	DAN981

NISSAN	DENSO
23100-AU000	DAN1031
23100-BN00A	DAN1030
23100-BN300	DAN1030
23100-BN305	DAN1030
23100-BU00A	DAN1031
23100-BU010	DAN1031
23100-BU015	DAN1031
23300-0M30A	DSN951
23300-0M301	DSN951
23300-0M302	DSN951
23300-6T00A	DSN953
23300-17C60	DSN951
23300-18C60	DSN951
23300-50Y01	DSN951
23300-81N00	DSN951
23300-81N01	DSN951
23300EN20A	DSN955
23300EN20B	DSN955
23300EN200	DSN955
23300VC10B	DSN956
23300VC101	DSN956
233004J600	DSN952
233005J201	DSN952
233006T000	DSN953
233006T001	DSN953
233008H30A	DSN954
233008H300	DSN954
2330080G01	DSN953

Starters & Alternators

Cross Reference Chart

OPEL	DENSO
1204426	DAN583
1204429	DAN1033
1204432	DAN1032
1204434	DAN509
1204436	DAN506
1204436	DAN510
6204188	DAN506
6204189	DAN509
6204257	DAN583
6204280	DAN1034
6204281	DAN1033
6204664	DAN1032
12759595	DAN1009
13117236	DAN509
13117341	DAN506
13222933	DAN583
13222934	DAN583
13222935	DAN584
13222936	DAN585
13256928	DAN1034
13256929	DAN1033
13256930	DAN1032
13256931	DAN585
13256932	DAN584
13256933	DAN583
93169024	DAN1033
93169026	DAN1032
93169030	DAN509
93169032	DAN506
93169032	DAN510
93180102	DAN506
R1530096	DAN1033

PEUGEOT	DENSO
96 373 987 80	DAN1010
96 650 679 80	DAN1010
5702J1	DAN1035
5702J2	DAN1036
5702K3	DAN1010
5702L0	DAN1035
5702L1	DAN1036
5705AW	DAN1010
5705CW	DAN1010
5705EL	DAN1063
5705GG	DAN1063
5705GK	DAN1063
5705KH	DAN1035
5705KJ	DAN1036
5705NN	DAN1035
5705NP	DAN1036
5802AH	DSN942
5802AP	DSN942
5802AX	DSN942
5802FE	DSN942
5802FF	DSN942
57055Q	DAN1063
57056M	DAN1063
57056U	DAN1063
57057G	DAN1063
57057H	DAN1063
57058C	DAN1010
9606007480	DAN1071
9635557780	DAN1063
9638543680	DAN515
9642879680	DAN515
9664883080	DSN942
9664883081	DSN942
9688237380	DAN1071

PORSCHE	DENSO
9A1604103X	DSN970
9A1604109X	DSN972

PORSCHE	DENSO
9A160410300	DSN970
9A160410900	DSN972

ROVER	DENSO
AMR4247	DAN020
GNU4825	DSN941
NAD101140	DSN601
NAD101180	DSN941
NAD101180E	DSN941
NAD101500	DSN601
NAD101500E	DSN601
NAD101500ES	DSN601
NAD180101	DSN941

SAAB	DENSO
12759595	DAN1009
93169260	DAN1009

SEAT	DENSO
0AH 911 023 F	DSN964
0AH 911 023 FX	DSN964
02M 911 024 H	DSN962
02M 911 024 HX	DSN962
02Z 911 023 M	DSN963
02Z 911 023 MX	DSN963
02Z 911 023 N	DSN963
02Z 911 023 NX	DSN963
02Z 911 023 P	DSN963
02Z 911 023 PX	DSN963
02Z 911 024 K	DSN963
02Z 911 024 KX	DSN963
09A 911 023	DSN957
09A 911 023 A	DSN958
09A 911 023 B	DSN958
09A 911 023 BX	DSN958
09A 911 023 X	DSN957
HB90800002	DSN585
HB0219080004	DSN585
SE021908000A	DSN585
SE127908000A	DSN585
SE141903020A	DAN645
SE141903020AX	DAN645

SKODA	DENSO
02Z 911 023 M	DSN963
02Z 911 023 MX	DSN963
02Z 911 023 N	DSN963
02Z 911 023 NX	DSN963
02Z 911 023 P	DSN963
02Z 911 023 PX	DSN963
02Z 911 024 K	DSN963
02Z 911 024 KX	DSN963

SMART	DENSO
0003250V008	DAN648
0003250V011	DAN521
A0051512601	DSN583
Q0003250V008	DAN648
Q0003250V011	DAN521

SUZUKI	DENSO
31400-79J00	DAN1062
31400-80G10	DAN1007
31400-81A00	DAN1008
3140052D10	DAN1006
3140080G10	DAN1007

TOYOTA	DENSO
27060-0D191	DAN1021
27060-0G010	DAN938
27060-0G011	DAN938
27060-0G021	DAN1013











TOYOTA	DENSO
27060-0N040	DAN1018
27060-0Q010	DAN1035
27060-0Q011	DAN1035
27060-0Q020	DAN1036
27060-0Q021	DAN1036
27060-0Q050	DAN1035
27060-0Q060	DAN1020
27060-0Q070	DAN1017
27060-0Q100	DAN1036
27060-0Q120	DAN1035
27060-0Q130	DAN1036
27060-0R040	DAN1045
27060-0T010	DAN1061
27060-0T011	DAN1061
27060-0T012	DAN1061
27060-0T020	DAN1019
27060-0T021	DAN1019
27060-0T050	DAN1011
27060-0T051	DAN1011
27060-0T080	DAN1057
27060-0T081	DAN1057
27060-0Y010	DAN1025
27060-0Y020	DAN1014
27060-0Y030	DAN1024
27060-0Y040	DAN1012
27060-0Y041	DAN1012
27060-0Y050	DAN1042
27060-0Y060	DAN1015
27060-22060	DAN943
27060-22140	DAN943
27060-33030	DAN950
27060-33040	DAN950
28100-0D090	DSN920
28100-0D180	DSN920
28100-0G020	DSN950
28100-0J010	DSN931
28100-0J020	DSN931
28100-0N050	DSN946
28100-0Q050	DSN948
28100-0Y010	DSN949
28100-03100	DSN929
28100-21020	DSN934
28100-21021	DSN934
28100-21030	DSN934
28100-21031	DSN934
28100-22030	DSN921
28100-22031	DSN921
28100-22040	DSN921
28100-22041	DSN921
28100-23020	DSN931
28100-23030	DSN931
28100-23031	DSN931
28100-74130	DSN923
28100-74260	DSN929
28100-74270	DSN929
270600G010	DAN938
270600G011	DAN938
270600J010	DAN960
270600J030	DAN960
281000N040	DSN945
281000T060	DSN947
2706021010	DAN966
2706021011	DAN966
2706021030	DAN959
2706021031	DAN959
2706022030	DAN942
2706022100	DAN948
2706022130	DAN949
2706022210	DAN944
2706023010	DAN960
2706023030	DAN961
2706023040	DAN962

TOYOTA	DENSO
2706027030	DAN939
2706027070	DAN945
2706027080	DAN940
2706027090	DAN941
2706027100	DAN945
2706028110	DAN951
2706028260	DAN952
2706033010	DAN964
2706033020	DAN964
2706074360	DAN954
2706074370	DAN953
2706074410	DAN954
2706074730	DAN955
2706074750	DAN955
2810021040	DSN935
2810021060	DSN936
2810021061	DSN936
2810021062	DSN936
2810028010	DSN922
2810033040	DSN937
2810033050	DSN937
2810033070	DSN926
2810033080	DSN926
2810064300	DSN928
2810064430	DSN928

VAUXHALL	DENSO
1204436	DAN506
1204436	DAN510
93169032	DAN506
93169032	DAN510

VOLKSWAGEN	DENSO
0AH 911 023 F	DSN964
0AH 911 023 FX	DSN964
02M 911 024 H	DSN962
02M 911 024 HX	DSN962
02Z 911 023 M	DSN963
02Z 911 023 MX	DSN963
02Z 911 023 N	DSN963
02Z 911 023 NX	DSN963
02Z 911 023 P	DSN963
02Z 911 023 PX	DSN963
02Z 911 024 K	DSN963
02Z 911 024 KX	DSN963
09A 911 023	DSN957
09A 911 023 A	DSN958
09A 911 023 B	DSN958
09A 911 023 BX	DSN958
09A 911 023 X	DSN957
059 911 024 K	DSN965
059 911 024 KX	DSN965

VOLVO	DENSO
8603183	DAN930
30667068	DAN930
30667071	DAN1016
30667072	DAN934
30795423	DAN930
30795494	DAN1016
30795495	DAN934

	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, литрж двигателя
	Fuel	Kraftstoff	Carburant	Combustible	Alimentazione	Bränsle	Paliwo	Топливо
 kW	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	Väckellåda	Skrzynia biegów	Коробка передач
	Part Number - Starter	Teilenummer - Anlasser	Numéro de pièce - Démarreurs	Número referencia - Motores de Arranque	Codice articolo - Motorini d'avviamento	Delnummer - Startmotorer	Nr katalogowy - Rozruszniki	Каталожный номер - для стартеров
	Part Number - Alternator	Teilenummer - Lichtmaschinen	Numéro de pièce - Alternateurs	Número referencia - Alternadores	Codice articolo - Alternatori	Delnummer - Generatorer	Nr katalogowy - Alternatory	Каталожный номер - для генераторов
	Additional Information	Zusätzliche Informationen	Information complémentaire	Información suplementaria	Informazioni supplementari	Ytterligare information	Informacje dodatkowe	Дополнительная информация
	Rated Voltage (V)	Nennspannung V	Tension nominale V	Voltaje clasificado (V)	Tensione (V)	Märkspänning V	Napięcie znamionowe V	Номинальное Напряжение V
A	Rated Current (Ampere)	Nennstrom (ampere)	Courant nominal (Ampere)	Corriente nominal (Amperios)	Corrente nominale (Ampere)	Nominell aktuella (ampere)	Prąd (ampere)	Номинальный Поток (Ампер)
kW	Rated Power (kiloWatt)	Steuerpflichtige Energie(kw)	Puissance nominale (kw)	Potencia nominal (kw)	Potenza nominale (kw)	Nominell effekt (kw)	Moc znamionowa (kw)	Номинальная Энергия (kw)
- AC	For vehicles without air conditioner	Für Fahrzeuge ohne Klimaanlage	Pour véhicules sans climatisation	Para vehículos sin aire acondicionado	Per veicoli senza climatizzatore	För fordon utan luftkonditionering	Dla pojazdów bez klimatyzacji	Для автомобилей без кондиционера
- Co	Not for cold climates	Nicht für kaltes Klima	Sauf climats froids	No para climas fríos	Non per climi freddi	Ej för kalla klimat	Nie dla zimnych klimatów	Не для холодного климата
- EAH	For vehicles without electrical auxiliary heater	Für Fahrzeuge ohne Zusatzheizgerät	Pour véhicules sans chauffage électrique auxiliaire	Para vehículos sin calefacción eléctrica auxiliar	Per veicoli privi di riscaldatore elettrico ausiliario	För fordon utan elektrisk hjälpvärmare	Dla pojazdów bez elektrycznego podgrzewacza pomocniczego	Для автомобилей без электрического дополнительного отопителя
- FDC	Not for dusty conditions	Nicht für staubige Lagen	Sauf conditions poussiéreuses	No para condiciones con polvo	Non per condizioni polverose	Ej för dammiga förhållanden	Nie stosować w zapylnych środowiskach	Не для пыльных условий эксплуатации
- Ho	Not for hot climates	Nicht für heißes Klima	Sauf climats chauds	No para climas cálidos	Non per climi caldi	Ej för varma klimat	Nie dla gorących klimatów	Не для жаркого климата
- LS	Without load sensing	Ohne Lasterfassung	Sans détection de charge	Sin sensor de carga	Senza rilevamento del carico	Utan lastsensor	Bez czujnika obciążenia	Без проверки нагрузки
- No	Not for normal climates	Nicht für normales Klima	Sauf climats tempérés	No para climas normales	Non per climi temperati	Ej för normala klimat	Nie dla normalnych klimatów	Не для нормального климата
- PH	For vehicles without parking heater	Für Fahrzeuge ohne Standheizung	Pour véhicules sans chauffage de stationnement	Para vehículos sin calefacción de estacionamiento	Per veicoli privi di riscaldatore di parcheggio	För fordon utan parkeringsvärmare	Dla pojazdów bez ogrzewania parkingowego	Для автомобилей без стояночного подогревателя
- PR	Not for option code	Inte för alternativet kod	Sauf code d'option	No para código de opción	Non per codice opzione	Ej för tillvalskod	Zastosowanie samochodu bez kodów opcji	Не для кода опции
- PS	For vehicles without power steering	Für Fahrzeuge ohne Servolenkung	Pour véhicules sans direction assistée	Para vehículos sin dirección asistida	Per veicoli privi di servosterzo	För fordon utan servostyrning	Dla pojazdów bez wspomagania kierownicy	Для автомобилей без усилителя руля
- SS	For vehicles without stop-start system	Für Fahrzeuge ohne Start-stop System	Pour véhicules sans système stop-start	Para vehículos sin sistema de parada y arranque	Per veicoli privi di sistema Stop-Start	För fordon utan stopp-startsystem	Dla pojazdów bez systemu stop-start	Для автомобилей без системы Старт-Стоп
- To	Not for tropical climates	Nicht für tropisches Klima	Sauf climats tropicaux	No para climas tropicales	Non per climi tropicali	Ej för tropiska klimat	Nie dla klimatów tropikalnych	Не для тропического климата
+ AC	For vehicles with air conditioner	Für Fahrzeuge mit Klimaanlage	Pour véhicules avec climatisation	Para vehículos con aire acondicionado	Per veicoli con climatizzatore	För fordon med luftkonditionering	Dla pojazdów z klimatyzacją	Для автомобилей с кондиционером
+ Co	For cold climates	Für kaltes Klima	Pour climats froids	Para climas fríos	Per climi freddi	För kalla klimat	Dla zimnych klimatów	Для холодного климата
+ EAH	For vehicles with electrical auxiliary heater	Für Fahrzeuge mit elektrischer Zusatzheizung	Pour véhicules avec chauffage auxiliaire électrique	Para vehículos con calefacción eléctrica auxiliar	Per veicoli con riscaldatore elettrico ausiliario	För fordon med elektrisk hjälpvärmare	Dla pojazdów z elektrycznym podgrzewaczem pomocniczym	Для автомобилей с электрическим дополнительным отопителем

	GB	DE	FR	ES	IT	SE	PL	RU
+ FDC	For dusty conditions	Für staubiges Klima	Pour conditions poussiéreuses	Para condiciones con polvo	Per condizioni polverose	För dammiga förhållanden	Stosować w zapylnych środowiskach	Для пыльных условий эксплуатации
+ Ho	For hot climates	Für heißes Klima	Pour climats chauds	Para climas cálidos	Per climi caldi	För varma klimat	Dla gorących klimatów	Для жаркого климата
+ HWS	For vehicles with heated windscreen	Für Fahrzeuge mit beheizbaren Windschutzscheiben	Pour véhicules avec pare-brise chauffant	Para vehículos con parabrisas calefactados	Per veicoli con parabrezza termico	För fordon med uppvärmd vindruta	Dla pojazdów z ogrzewaną przednią szybą	Для автомобилей с обогревом лобового стекла
+ LS	With load sensing	Mit Lasterfassung	Avec détection de charge	Con sensor de carga	Con rilevamento del carico	Med lastsensor	Z czujnikami obciążenia	С проверкой нагрузки
+ No	For normal climates	Für normales Klima	Pour climats tempérés	Para climas normales	Per climi temperati	För normala klimat	Dla normalnych klimatów	Для нормального климата
+ PH	For vehicles with parking heater	Für Fahrzeuge mit Standheizung	Pour véhicules avec chauffage stationnaire	Para vehículos con calefacción de estacionamiento	Per veicoli con riscaldatore di parcheggio	För fordon med parkeringsvärmare	Dla pojazdów z ogrzewaniem parkingowym	Для автомобилей со стояночным подогревателем
+ PR	For option code	Für Optionscode	Pour code d'option	Para código de opción	Per l'opzione codice	För tillvalskod	Zastosowanie samochodu z kodami opcji	Для кода опции
+ PS	For vehicles with power steering	Für Fahrzeuge mit Servolenkung	Pour véhicules avec direction assistée	Para vehículos con dirección asistida	Per veicoli con servosterzo	För fordon med servostyrning	Dla pojazdów ze wspomaganiem kierownicy	Для автомобилей с усилителем руля
+ SS	For vehicles with stop-start system	Für Fahrzeuge mit Start-stop System	Pour véhicules avec système stop-start	Para vehículos con sistema de parada y arranque	Per veicoli con sistema Stop-Start	För fordon med stopp-startsystem	Dla pojazdów z systemem stop-start	Для автомобилей с системой Старт-Стоп
+ To	For tropical climates	Für tropisches Klima	Pour climats tropicaux	Para climas tropicales	Per climi tropicali	För tropiska klimat	Dla klimatów tropikalnych	Для тропического климата
5ATM	5-Speed automatic transmission	Fünfgang-Automatikengetriebe	Transmission automatique 5 vitesses	Transmisión automática de 5 velocidades	Cambio automatico a 5 marce	5-Växlad automatisk växellåda	5-Cio biegowa automatyczna skrzynia biegów	5-скоростная АКПП
5MTM	5-Speed manual transmission	Fünfgang-Schaltgetriebe	Transmission manuelle 5 vitesses	Transmisión manual de 5 velocidades	Cambio manuale a 5 marce	5-Växlad manuell växellåda	5-Cio biegowa manualna skrzynia biegów	5-скоростная МКПП
6MTM	6-Speed manual transmission	Sechsgang-Schaltgetriebe	Transmission manuelle 6 vitesses	Transmisión manual de 6 velocidades	Cambio manuale a 6 marce	6-Växlad manuell växellåda	6-Cio biegowa manualna skrzynia biegów	6-скоростная МКПП
ATM	Automatic transmission	Automatikengetriebe	Transmission automatique	Transmisión automática	Cambio automatico	Automatisk växellåda	Automatyczna skrzynia biegów	АКПП
BO	Interchangeable with Bosch product	Austauschbar mit Bosch Produkt	Interchangeable avec un produit Bosch	Intercambiable con el producto Bosch	Intercambiabile con prodotto Bosch	Utbytbar mot produkt från Bosch	Zamienny z produktem Bosch	Взаимозаменяемый с продукцией Bosch
Ch No	Chassis no	Fahrgestellnummer	No. de châssis	Número de bastidor	No chassis	Chassinr.	Nr podwozia	Номер шасси
Eng No	Engine no	Motornummer	No. de moteur	Número de motor	No motore	Motornr.	Nr silnika	Тип (код) двигателя
EU	For vehicles produced in Europe	Für in Europa hergestellte Fahrzeuge	Pour véhicules fabriqués en Europe	Para vehículos fabricados en Europa	Per veicoli prodotti in Europa	För fordon tillverkade i Europa	Dla pojazdów wyprodukowanych w Europie	Для автомобилей, сделанных в Европе
FRA	For vehicles produced in France	Für in Frankreich hergestellte Fahrzeuge	Pour véhicules fabriqués en France	Para vehículos fabricados en Francia	Per veicoli prodotti in Francia	För fordon tillverkade i Frankrike	Dla pojazdów wyprodukowanych we Francji	Для автомобилей, сделанных во Франции
JPN	For vehicles produced in Japan	Für in Japan hergestellte Fahrzeuge	Pour véhicules fabriqués au Japon	Para vehículos fabricados en Japón	Per veicoli prodotti in Giappone	För fordon tillverkade i Japan	Dla pojazdów wyprodukowanych w Japonii	Для автомобилей, сделанных в Японии
LHD	For left-hand drive vehicles	Für linksgelenkte Fahrzeuge	Pour véhicules avec conduite à gauche	Para vehículos con volante a la izquierda	Per veicoli con guida a sinistra	För vänsterstyrda fordon	Dla pojazdów z lewostronnym układem kierowniczym	Для автомобилей с левым рулем
MTM	Manual Transmission	Schaltgetriebe	Transmission manuelle	Transmisión manual	Cambio manuale	Manuell växellåda	Ręczna skrzynia biegów	Ручная трансмиссия
RHD	For right-hand drive vehicles	Für rechtsgelenkte Fahrzeuge	Pour véhicules avec conduite à droite	Para vehículos con volante a la derecha	Per veicoli con guida a destra	För högerstyrda fordon	Dla pojazdów z prawostronnym układem kierowniczym	Для автомобилей с правым рулем
RPO	Vehicle Production Date Code	Fahrzeugproduktions Datumcode	Code date de fabrication du véhicule	Código de fecha de fabricación del vehículo	Codice data produzione veicolo	Fordonets produktionsdatumkod	Kod daty produkcji pojazdu	Код даты производства автомобиля
SMT	Sequential Manual Transmission	sequenzielles Schaltgetriebe	Transmission manuelle séquentielle	Transmisión manual secuencial	Cambio manuale sequenziale	Sekventiell manuell växellåda	Sekwencyjna ręczna skrzynia biegów	Секвентальная ручная трансмиссия
TRN	Transmission Type	Antriebsart	Type de transmission	Tipo de transmisión	Tipo di cambio	Typ av växellåda	Rodzaj skrzyni biegów	Тип трансмиссии
VA	Interchangeable with Valeo product	Austauschbar mit Valeo Produkt	Interchangeable avec un produit Valeo	Intercambiable con el producto Valeo	Intercambiabile con prodotto Valeo	Utbytbar mot Valeo-produkt	Zamienny z produktem Valeo	Взаимозаменяемый с продукцией Valeo
ZAF	For vehicles produced in South Africa	Für in Südafrika produzierte Fahrzeuge	Pour véhicules construits en Afrique du Sud	Para vehículos fabricados en Sudáfrica	Per veicoli prodotti in Sud Africa	För fordon tillverkade i Sydafrika	Dla pojazdów wyprodukowanych w RPA	Для автомобилей, сделанных в ЮАР

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