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Premium Glow Plugs

2017 -18

KATALOG REZERVNIH DELOV

Sistemi za hladen zagon diesel motorjev

SPARE PARTS CATALOGUE

Diesel Cold Start Systems

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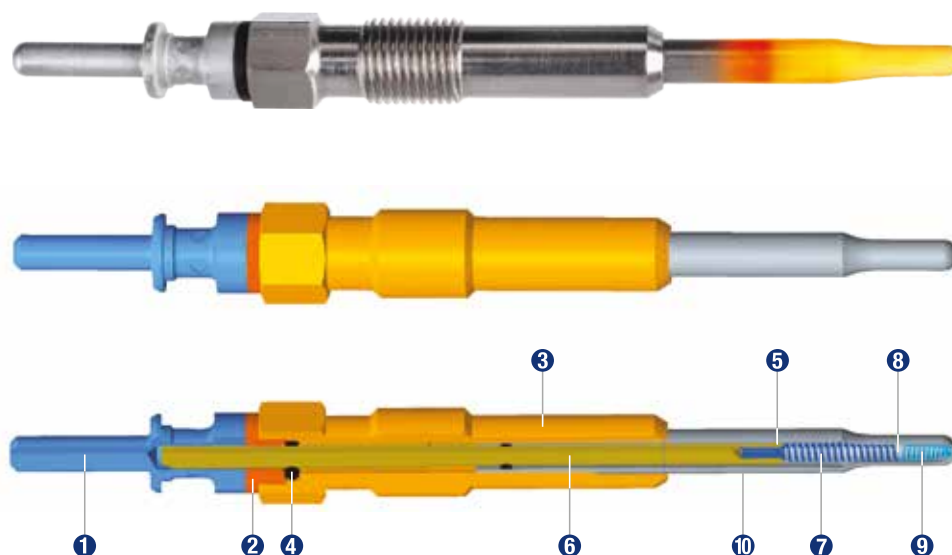
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ŽARILNE SVEČKE

Spoštovani kupci in distributerji,

Hvala Vam, da ste izbrali izdelke hladnega zagona dizelskih motorjev Hidria. V korporaciji Hidria svoje razvojne in tehnološke potenciale usmerjamo v ustvarjanje inovativnih rešitev za avtomobilsko industrijo, s čimer se uvrščamo med vodilne razvojne dobavitelje najbolj znanih evropskih proizvajalcev avtomobilov. Inovacije za avtomobilsko industrijo ustrezajo ekološkim standardom EURO 6, s čimer Hidria prispeva k manjši porabi energije in zmanjšanju škodljivih emisij v ozračje. Vodilne evropske korporacije s področja avtomobilske industrije se za partnerstvo s Hidrio odločajo zaradi kompetentnosti Hidriinih strokovnjakov ter zavzetosti za soustvarjanje visoko tehnoloških in konkurenčnih rešitev prihodnosti.

OSNOVNA SHEMA ŽARILNE ČEPNE SVEČKE



1 Pin ali navojni priključek

Pini ali navojni priključki so zaščiteni s posebnimi prevlekami, tako da so zaščiteni pred korozijo in zagotavljajo zanesljivo električno povezavo.

2 Izolator

Izolator ima odlično trdnost, izolacijo in dobro odpornost na visoke temperature, tako da prepreči morebitne kratke stike.

3 Ohišje

Dimenzije ohišja svečke so zelo pomembne za motorno vgradnjo. Hkrati pa zagotavljajo temperaturno odpornost in varuje notranje sestavne dele.

4 Tesnilo

Posebno tesnilo varuje pred vdorom vlage v grelec in je odporen na agresivne tekočine, ki so prisotne v motorju.

5 Izolacija

Prašek magnezijevega oksida, ki ima odlično toplotno prevodnost se uporablja za izolacijo med ohišjem grelca in grelnim uporom.

6 Elektroda

Elektroda znotraj svečke zagotavlja prenos električne energije na upore.

7 Zaviralni upor

Glavna funkcija zaviralnega upora je učinkovit nadzor električnega toka pri hitrem ogrevanju žarilnega upora.

8 Spoj uporov

Tehnologija laserskega varjenja zagotavlja zanesljivo povezavo med zaviralnim in žarilnim uporom. Zagotavlja tudi stalno pozicijo uporov in s tem tudi enake uporabne lastnosti skozi življensko dobo.

9 Žarilni upor

Žarilni upor je praviloma krajši in omogoči ključni vir toplotne energije za vžig dizelskega motorja tudi v ekstremno hladnih pogojih. Vloga požarjenja po hladnem zagonu se kaže tudi v bistveno nižnjih izpušnih emisijah.

10 Cevka

Reducirana cevka nam zagotavlja izboljšan toplotni izkoristek in tako prispeva k boljšim lastnostim svečke.

O ŽARILNIH SVEČKAH

Zakaj dizelski motorji potrebujejo žarilne svečke?

- ▲ za zmanjšanje izpušnih emisij
- ▲ za ogrevanje hladnega vsisnega zraku
- ▲ za zmanjšanje vibracij in glasnosti motorja
- ▲ za izboljšanje vozni lastnosti hladnega motorja

Faza predžarjenja

- ▲ Sistem predgretja motorja zagotavlja dodatno toplotno energijo, ki je potrebna za hladen vžig.
- ▲ Svečke so preko priključkov omrežene s primerno napetostjo in tik pred zagonom motorja steče skozi njih električni tok. Žarilni del upora se tako hitro ogreje, da zažari.
- ▲ Seveda pa je potreben čas za dosego zadostne temperature, kjer se doseže stabilen proces izgorevanja, odvisen tudi od različnih konstrukcij motorja.

Faza požarjenja

- ▲ Z namenom zmanjšanja emisij belega in modrega izpušnega dima, kot tudi utekanja hladnega motorja, svečke žarijo še po zagonu dizelskega motorja. Seveda je čas požarjenja odvisen od temperature motorja saj je znano, da hladen motor proizvaja znatno več hrupa in škodljivih emisij.

PRAVILNA ZAMENJAVA ŽARILNIH SVEČK

Pozornost ob menjavi: upoštevati pravilni moment privitja svečk, kot tudi priključnih matic!

Ob menjavi svečk Vam priporočamo, da posvetite še posebno pozornost sledečim točkam:

- 1 Uporabite pravilni ključ za svečko in priključek
- 2 Pazite, da umazanija okoli izvrtine za svečko nikakor ne zaide v cilindri motorja
- 3 Preverite ali je svečka poravnana v liniji z navojem v glavi cilindra
- 4 Svečka mora biti privita s primernim momentom
- 5 Priključna matica mora biti privita s primernim momentom

Uporaba prevelike zatisne sile, lahko povzroči nepopravljive poškodbe na svečki, kot tudi resne poškodbe na motorju.

1. Vgradnja svečke z uporabo momentnega ključa:

Prosimo, da upoštevate navodila proizvajalca vozila. Ne uporabljajte olja ali masti za navoje. Pozor - upoštevajte najvišje možne momentne nastavitve:

Navoj M8:	8-14 Nm
Navoj M10:	15-18 Nm
Navoj M12:	20-25 Nm

2. Vgradnja svečke brez uporabe momentnega ključa:

Najprej privijte svečko v cilindri z roko. Nato uporabite primeren ključ in privijte svečko za približno 30° v desno. Ne uporabljajte olja ali masti za navoje.

3. Privitje priključne matic:

Prosimo, da ne presežete najvišje predpisanih momentov privitja priključnih matic:

Navoj M4 max.	2 Nm
Navoj M5 max.	4 Nm

V kolikor imajo svečke priključne pine, jih prosimo preglejte za morebitno korozijo.

Hidria
GARANCIJA IZDELKA

Nova linija ogrevalnih svečk HIDRIA vam jamči izjemno 5 letno garancijo. Garancija vključuje poškodbe v materialih ali nezadovoljive lastnosti kupljenega izdelka.

Garancija pa ne velja za izdelke, ki so odpovedali zaradi posledice nepravilne vgradnje, uporabe, zlorabe ali zaradi odpovedi drugega izdelka. Izdelki, ki so bili predelani ali uporabljeni za drug namen od prvotnega, nimajo garancije.

GLOW PLUG

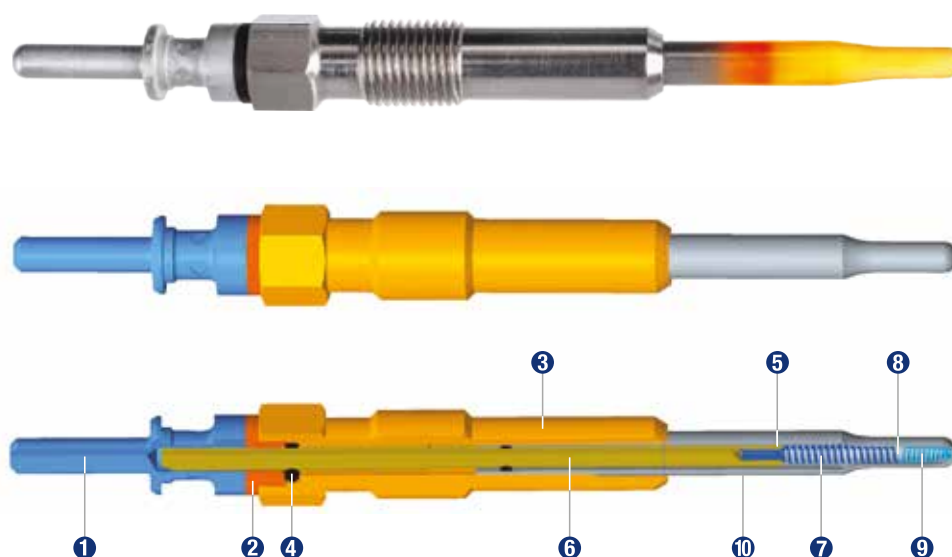
Dear Customer, Dear Dealer,

We would like to thank you for having chosen Hidria items of the diesel engine cold start system. The corporation Hidria develops and uses its technological capacities to conceive innovative solutions in the automotive industry. Thanks to these innovations, our company is one of the leading suppliers for diesel cold start systems.

All automotive innovations comply with environment standard Euro6 and this allows the company Hidria to reduce energy consumption and to decrease the amount of environmentally harmful emissions.

Thanks to the professionalism of our specialists and their eager drive to seek new high-tech and competitive solutions, leading European automotive corporations choose to work in collaboration with Hidria.

THE BASIC SCHEME OF GLOW PLUG



① Pin or Threaded Connector

Pins or Terminals are protected with special material treatment to resist corrosion and ensure reliable power connection.

② Insulator

The Glow Plug insulator has excellent strength, insulation and thermal conductivity to avoid of any possible short circuit.

③ Housing

Dimensions of Glow plug housing is important for engine inbuilt. At the same time its functions is to provide heat resistance and also to protect inside parts.

④ Seal

A rubber seal prevents any further air contact which could lead to coil corrosion.

⑤ Insulation

Magnesium oxide powder is used for insulation material, which has also excellent features as heat conductor.

⑥ Electrode

Inside of the Glow Plug, electrode provides supply of electrical energy to the coils.

⑦ Regulating Coil

The main function of the Regulating Coil is to effective control current draw for fast heat-up of the Heating Coil.

⑧ Coil Connection

Laser welding technology assure reliable connects between Heating and Regulating coils and maintain their position at all times and ensure consistent resistance features.

⑨ Heating Coil

A shorter coil inside of the end of the Glow Plug enable a flash start even in very cold conditions. The post-heating temperature could be extended also after cold start, which results to significant lower engine emissions.

⑩ Heater tube

The reduced diameter of heater tube ensures improved heating efficiency and overall excellent performance.

ABOUT THE GLOW PLUGS

Why glow plugs are needed for diesel engines?

- ▲ to reduce smoke emission
- ▲ to heat up the incoming air
- ▲ to reduce engine noise and vibrations
- ▲ to improve drivability from cold

Pre-heating phase

- ▲ The pre-heating system supplies the additional heat energy which is required for a cold start.
- ▲ Just before starting the engine a voltage is applied to the terminal of the glow plug and the current flows through the coils of wire inside the heater tube. This heats up rapidly, the heat energy being transferred to the protective sheath causing it to glow.
- ▲ The time taken to reach sufficient temperature where stable combustion is attainable varies with different engine designs.

Post-heating phase

- ▲ The glow plugs continue glowing after start-up to reduce the amount of white or blue smoke produced. As well as to eliminate any starting problems at low temperatures. The post-heating phase is determinate on the engine temperature, as a cold diesel engine produce more noise and pollutant emissions.

THE CORRECT WAY TO REPLACE GLOW PLUGS

Important on replacement: need to observe the right tightening torque for glow plugs and power connection nuts!

When replacing glow plugs, we recommend you to pay special attention on these main aspects:

- 1 Use the right wrench for the glow plug and terminal
- 2 Take care that dirt around the hole for the plug could not fall into the cylinder
- 3 Make sure that the glow plug is correctly inline with the thread of the cylinder head
- 4 The glow plug must be tightened to the correct torque
- 5 The power connection nuts need to be tightened to the correct tightening torque.

The glow plug could be damaged by using oversize torque. This could result in irreparable damage to the plug, as well as to the damage on the engine.

1. Fitting a glow plug with a torque wrench:

Please observe vehicle manufacturer's specifications. Do not grease or oil threads!

Caution – observe maximum torque settings:

M8 threads:	8-14 Nm
M10 threads:	15-18 Nm
M12 threads:	20-25 Nm

2. Fitting a glow plug without a torque wrench:

Screw the glow plug into the cylinder first by hand. Then use a suitable ring spanner and tighten the glow plug for approx. 30°. Do not oil or grease the thread.

3. Tightening the power connection nut:

The maximum torque setting for the power connection nuts must not exceed the following values:

M4 threads max.	2 Nm
M5 threads max.	4 Nm

If glow plugs have pin connections, please check also these for corrosion.

Hidria
PRODUCT WARRANTY

HIDRIA offers a 5-year guarantee on its new line of glow-plugs. This warranty is limited to the defects in materials or unsatisfied performances of the products as supplied by the manufacturer. This warranty does not cover parts that fail as a result of improper installation, misuse, abuse or the failure of another part. Parts modified for use or installed for use other than their original design and application have no warranty.

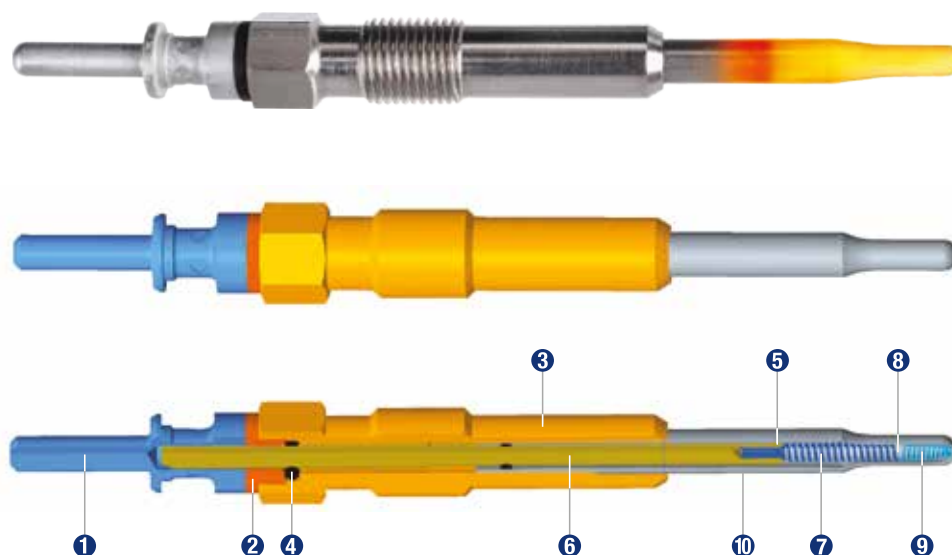
GLÜHKERZEN

*Liebe Kundin, lieber Kunde!
Liebe Händler!*

Wir danken Ihnen, dass Sie die Produkte der Kaltstartsysteme der Dieselmotoren von HIDRIA gewählt haben.

HIDRIA richtet die Entwicklung und das technologische Potential auf die Schaffung der innovativen Lösungen in der Autoindustrie, deshalb ist unsere Gesellschaft einer der führenden Lieferanten der berühmten europäischen Autohersteller. Weil die Innovationen in Autoindustrie den Ökostandarten von Euro6 entsprechen, kann HIDRIA den Energieverbrauch senken und die Menge der umweltschädlichen Ausstöße reduzieren. Dank dem Professionalismus unserer Fachleute und ihrem Wunsch neue hochtechnologischen und konkurrenzfähigen Lösungen der Zukunft zu finden, wählen führende europäischen Autogesellschaften HIDRIA als ihrer Partner.

AUFBAU DER GLÜHKERZE



❶ Anschlussbolzen oder Gewindeanschluss

Die durch besondere Werkstoffbearbeitung geschützten Anschlussbolzen und Anschlussklemmen sind korrosionsbeständig und sichern einen zuverlässigen Stromanschluss.

❷ Isolator

Der Isolator der Glühkerze hat durch seine Stärke und gute Isolier- und Wärmeleitfähigkeit einen eventuellen Kurzschluss zu verhindern.

❸ Gehäuse

Gehäuseabmessungen sind für den integrierten Motor wichtig. Dabei hat es die Aufgabe für Wärmebeständigkeit zu sorgen und innere Teile zu schützen.

❹ Dichtung

Eine Gummidichtung verhindert einen weiteren Kontakt mit Luft, der zu einer Wendelkorrosion führen kann.

❺ Isolation

Magnesiumoxid-Pulver dient als Isolierfüllung und weist dabei hervorragende Wärmeleitungsfähigkeit auf.

❻ Elektrode

Die im Inneren der Glühkerze eingebaute Elektrode sorgt für die Stromversorgung der Wendeln.

❼ Regelwendel

Die wichtigste Aufgabe der Regelwendel besteht darin, die Stromaufnahme effizient zu überwachen, damit die Heizwendel schnell glüht.

❽ Wendelkombination

Laser-Schweißtechnologien sorgen für zuverlässige Verbindungen zwischen der Heiz- und Regelwendel, deren richtige Position zu jeder Zeit und konsistente Widerstandsfähigkeiten.

❾ Heizwendel

Eine kurze Wendel an der Glühkerzenspitze macht auch bei sehr tiefen Außentemperaturen einen Schnellstart möglich. Die Nachglühtemperatur kann nach dem Kaltstart gehalten werden, wodurch der Abgasausstoß wesentlich minimiert wird.

❿ Glührohr

Reduziertes Glührohrdurchmesser gewährleistet eine verbesserte Heizeffizienz und hervorragende Gesamtleistung.

ÜBER GLÜHKERZEN

Warum sind Glühkerzen für Dieselmotoren erforderlich?

- ▲ Reduktion des Schadstoffausstoßes
- ▲ Vorwärmung der Ansaugluft
- ▲ Verminderung der Motorgeräusche und -vibrationen
- ▲ Verbesserung des Fahrverhaltens nach dem Kaltstart

Vorglühphase

- ▲ Das Vorglüh-System sichert die Zufuhr zusätzlicher Wärmeenergie, die für einen Kaltstart erforderlich ist. Bevor der Motor startet, wird die Spannung an die Anschlussklemmen ausgegeben und der Strom fließt durch die Wendelwindungen im Glühstab. Die Heizwendel erhitzt sich rapid und die Wärmeenergie wird dem schützenden Glühstab zugeführt, was sein Glühen bewirkt.
- ▲ Die Zeit, die erforderlich ist, damit die ausreichende Temperatur für stabile Verbrennung erreicht ist, ist für verschiedene Motortypen unterschiedlich.

Nachglühphase

- ▲ Die Glühkerzen glühen nach dem Start einige Zeit nach. Dadurch wird der Weiß- und Blaurauch reduziert sowie etwaiges Start-Problem bei tieferen Temperaturen verhindert. Die Nachglühphase ist auf die Motortemperatur abgestimmt, da der kalte Dieselmotor mehr Geräusche und Schadstoff-Emissionen produziert.

WICHTIGE REGELN FÜR DEN GLÜHKERZENWECHSEL

Wichtig: Die Glühkerzen und Strom-Anschlussmuttern müssen mit dem richtigen Drehmoment angezogen werden!

Beim Glühkerzen-Austausch empfehlen wir folgendes zu beachten:

- 1 Es muss der richtige Schlüssel für Glühkerzen und Anschlussklemmen benutzt werden.
- 2 Verschmutzungen rund um das Loch für Glühkerze dürfen auf keinen Fall in den Zylinder fallen.
- 3 Vergewissern Sie sich, dass die Glühkerze genau in einer Linie mit dem Gewinde des Zylinderkopfes ist.
- 4 Glühkerze muss mit dem richtigen Drehmoment angezogen werden.
- 5 Strom-Anschlussmuttern müssen mit dem richtigen Drehmoment angezogen werden.

Bei zu hohen Drehmomenten kann die Glühkerze beschädigt werden. Dies kann eine irreparable Beschädigung nicht nur der Glühkerze, sondern auch die Beschädigung des Motors zur Folge haben.

1. Einbau der Glühkerze mit Drehmomentschlüssel:

Bitte beachten Sie unbedingt die Vorschriften des Fahrzeugherstellers. Gewinde weder ölen noch fetten! Achtung: maximales Anzugsdrehmoment einhalten

bei Gewinde M8:	8-14 Nm
bei Gewinde M10:	15-18 Nm
bei Gewinde M12:	20-25 Nm

2. Einbau der Glühkerze, wenn kein Drehmomentschlüssel zur Hand:

Glühkerze in den Zylinder mit der Hand einschrauben. Mit geeignetem Ringschlüssel um ca. 30° nachziehen. Gewinde weder ölen noch fetten!

3. Anziehen der Strom-Anschlussmutter:

Das maximale Anzugsdrehmoment der Strom-Anschlussmutter darf folgende Werte nicht überschreiten:

bei Gewinde M4 max. 2 Nm

bei Gewinde M5 max. 4 Nm

Bei Glühkerzen mit Steckanschluss diesen auf Korrosion prüfen.

Hidria

**GARANTIELEISTUNGEN
FÜR HIDRIA-PRODUKTE**

Für die neue Linie der Glühkerzen von HIDRIA wird die 5 jährige Garantie gegeben. Die Garantie gilt nur für Teile, die Materialfehler oder unbefriedigende durch den Hersteller verursachte Leistungen aufweisen.

Diese Garantie erstreckt sich nicht auf Schäden, die aus einer unsachgemäßen Installation oder einem unsachgemäßen Gebrauch oder Ausfall eines anderen Teils resultieren. Teile, die für einen anderen Gebrauch, als von Originalkonstruktion und ursprünglichen Anwendungszwecken vorgesehen, modifiziert oder installiert wurden, fallen unter keine Garantie.

CANDELE DI PRERISCALDO

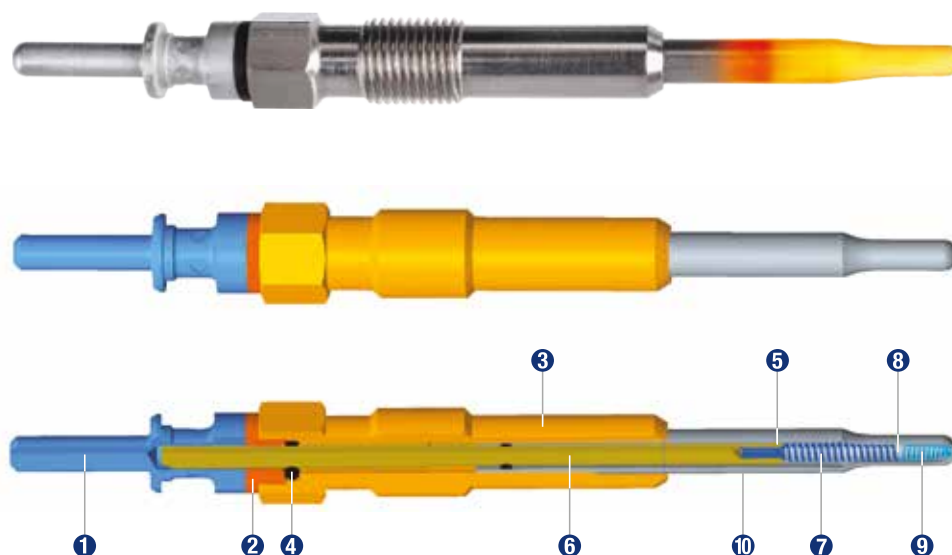
**Il Gentilissimi Clienti,
Gentilissimi Distributori,**

Vi ringraziamo per aver acquistato i prodotti per avviamento a freddo dei motori diesel Hidria. Grazie allo sviluppo e al potenziale tecnologico del gruppo Hidria che sono destinati alla creazione delle soluzioni innovative del settore automobilistico il nostro gruppo fa parte dei più importanti fornitori delle case automobilistiche europee più famose.

Le innovazioni del settore automobilistico corrispondono allo standard ecologico Euro 6; questo fatto permette al gruppo Hidria di risparmiare l'energia e ridurre le emissioni nell'ambiente delle sostanze inquinanti.

Le più importanti case automobilistiche europee hanno preferito la società Hidria in qualità del loro partner grazie alla professionalità dei nostri tecnici e la loro voglia di ricerca delle nuove soluzioni di alta tecnologia e nello stesso tempo competitivi che serviranno nel futuro.

SCHEMA BASE DELLA CANDELETTA



1 Terminale o connettore a vite

Entrambi i terminali sono protetti con un trattamento anticorrosivo per assicurare affidabilità alla connessione.

2 Isolatore

L'isolatore della candeletta ha una eccellente forza, isolamento e conduttività termica per evitare possibili cortocircuiti.

3 Involucro.

Le dimensioni dell'involucro sono importanti per la costruzione interna del motore. Allo stesso tempo ha anche la funzione di resistere al calore e proteggere le parti interne.

4 Tenuta.

Una tenuta in gomma previene qualsiasi contatto con l'aria che potrebbe portare alla corrosione dell'avvolgimento.

5 Isolamento.

Una composizione di ossido di magnesio è impiegata come materiale isolante, utile anche per le sue eccellenti caratteristiche come conduttore di calore.

6 Elettrodo

All'interno della candeletta, un elettrodo provvede a portare energia elettrica agli avvolgimenti.

7 Avvolgimento di regolazione

La sua funzione principale è l'effettivo controllo sulla corrente data per un riscaldamento dell'avvolgimento veloce.

8 Collegamento avvolgimenti

Una saldatura a laser assicura collegamenti affidabili tra avvolgimenti di regolazione e riscaldamento e mantenendo invariate per tutto il tempo le loro posizioni e assicurandone consistenti doti di resistenza.

9 Avvolgimento riscaldante

Un avvolgimento più corto posto in testa dentro la candeletta assicura una partenza immediata anche in condizioni molto fredde. Il post riscaldamento può essere esteso anche dopo la partenza a freddo con significative emissioni più basse.

10 Riscaldatore

Le dimensioni ridotte del corpo riscaldante assicurano un miglioramento dell'efficienza e prestazioni ottimali.

CANDELETTE ED ALTRO

Perché c'è bisogno delle candele per i motori diesel?

- ▲ per ridurre i fumi emessi
- ▲ per riscaldare l'aria aspirata
- ▲ per ridurre rumori e vibrazioni sul motore
- ▲ per aumentare la guidabilità a freddo

Fase di preriscaldamento.

- ▲ Il sistema di preriscaldamento fornisce ulteriore energia al riscaldamento necessario per partenze a freddo.
- ▲ Prima dell'avvio del motore, una tensione viene applicata ai terminali della candele e la corrente fluisce attraverso l'avvolgimento alle spire poste sul tubo riscaldante. Questo si riscalda rapidamente e il calore comincia a trasferirsi allo scudo protettivo rendendolo incandescente.
- ▲ Il tempo necessario per raggiungere sufficiente temperatura con combustione stabile varia con il disegno del motore.

Fase di post riscaldamento

- ▲ La candele continua a riscaldarsi dopo la fase partenza riducendo le parti blu e bianche dei fumi di scarico. Così come elimina qualsiasi problema legato alla partenza a freddo.
- La fase di post riscaldamento è determinante per le temperature del motore perché un motore diesel freddo produce più rumore ed inquinamento.

LA SOSTITUZIONE CORRETTA DELLE CANDELE

Importante durante la sostituzione: le corrette coppie di serraggio della candela e del dado di collegamento per la corrente!

Durante la sostituzione delle candele bisogna fare particolare attenzione su questi aspetti principali:

- 1 Impiegare la chiave dinamometrica corretta per le candele ed il morsetto.
- 2 I depositi di sporcizia che si trovano sulla cava della candela non devono assolutamente cadere nell cilindro.
- 3 Assicurarsi che la candela sia allineata correttamente con la filettatura della testata dei cilindri.
- 4 Le candele devono essere strette con la coppia di serraggio giusta.

- 5 I dadi per il collegamento della corrente devono essere stretti con la coppia di serraggio corretta.

Se tale coppia di serraggio viene oltrepassata è possibile che la candela venga danneggiata, provocandone il completo danneggiamento, come pure per i danni sul motore

1. Montaggio della candela con la chiave dinamometrica:

Rispettare assolutamente le prescrizioni del costruttore del veicolo. Non oleare né ingrassare la filettatura! Attenzione – osservare la coppia massima di serraggio:

Filetto M8:	8-14 Nm
Filetto M10:	15-18 Nm
Filetto M12:	20-25 Nm

2. Montaggio della candela senza la chiave dinamometrica:

Avvitare la candela a mano sino a che essa va a toccare il blocco del motore. Stringerla successivamente di circa 30° usando una chiave cilindrica idonea. Non oliare né ingrassare la filettatura.

3. Stringere il dado di collegamento della corrente:

La coppia di serraggio massima della barra di collegamento a corrente non deve oltrepassare i seguenti valori:

Filetto M4 max. 2 Nm

Filetto M5 max. 4 Nm

Nel caso di candele ad incandescenza con spinotto controllare che sesso non sia corrosivo.

Hidria

GARANZIA SUI PRODOTTI

La HIDRIA garantisce le candele di preriscaldamento della nuova gamma per 5 anni. Questa garanzia è limitata a difetti nei materiali o insoddisfatti prestazioni dei prodotti, fornite dal fabbricante.

Questa garanzia non copre le parti che non a causa di installazione, uso improprio, abuso o il fallimento di un'altra parte. Parti modificati per essere utilizzati o installati per uso diverso da quello del loro design originale e di applicazione non hanno garanzia.

BOUGIES DE PRÉCHAUFFAGE

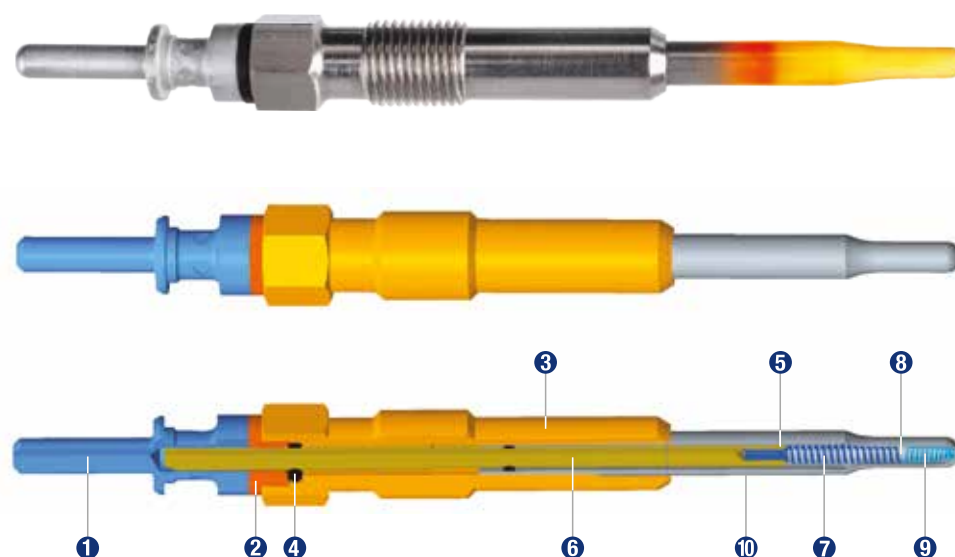
Chers Clients, Chers distributeurs,

Nous vous remercions d'avoir choisi les produits de système de démarrage à froid pour moteur diesel Hidria. Le développement et le potentiel technologique du groupe Hidria sont orientés vers la création d'innovations dans l'industrie d'automobile, grâce à quoi notre compagnie entre dans le nombre des fournisseurs principaux des équipementiers éminents européens.

Les innovations dans l'industrie d'automobile correspondent au standard écologique Euro 6, ce qui permet à la société Hidria de réduire la consommation d'énergie et de diminuer la quantité des émissions polluantes nuisibles à l'environnement.

Les sociétés européennes leader de l'industrie automobile choisissent comme partenaire la société Hidria; grâce au professionnalisme de nos spécialistes, et leur aspiration à rechercher de nouvelles solutions technologiques avancées et compétitives pour le futur.

SCHÉMA BASIC D'UNE BOUGIE DE PRÉCHAUFFAGE



❶ Connecteur vissé ou clippé

Les connecteurs sont protégés par une matière spéciale pour résister à la corrosion et assurer une connexion de puissance efficace.

❷ Isolateur

L'isolateur des bougies a d'excellentes caractéristiques de résistance, d'isolation électrique et thermique pour éviter tout court circuit.

❸ Carter de la Bougie

Les dimensions de ce carter sont importantes pour l'assemblage sur le moteur. L'autre fonction de ce carter est de protéger les éléments internes et de garantir une protection thermique.

❹ Joint d'étanchéité.

Un joint élastomère protégé le filament de tout contact avec l'air qui pourrait provoquer de la corrosion.

❺ Isolation interne

De la poudre d'oxyde de magnésium est utilisée pour isoler. Elle possède une excellente conductibilité thermique.

❻ Electrode

A l'intérieur de la bougie, l'électrode transmet la puissance électrique au filament.

❼ Bobine de régulation

La fonction principale de la bobine de régulation est de contrôler la courbe de courant pour un chauffage rapide.

❽ Assemblage des bobines

La technologie de soudage laser assure une connexion sûre entre les bobines de régulation et de chauffage. Elle permet par ailleurs de maintenir leurs positions respectives et une bonne caractéristique de résistance électrique lors du fonctionnement.

❾ Bobine de chauffage

Cette bobine de faible dimension à l'extrémité de la bougie permet un démarrage flash même dans les conditions de froid extrême. La température du post chauffage peut être augmentée après la phase de démarrage, cela permet une réduction importante des émissions.

❿ Crayon de la bougie

Le diamètre réduit du tube assure une efficacité augmentée du chauffage et une excellente performance globale.

A PROPOS DES BOUGIES

Pourquoi les bougies sont nécessaires pour les moteurs diesel?

- ▲ Pour réduire les émissions de fumée
- ▲ Pour chauffer l'air d'admission
- ▲ Pour réduire les vibrations et les bruits du moteur
- ▲ Pour améliorer la conduite à froid

Phase de pré chauffage

- ▲ Le système de préchauffage génère une chaleur supplémentaire nécessaire pour le démarrage à froid.
- ▲ Juste avant de démarrer le moteur, une tension est appliquée sur les bougies et le courant traverse les bobines à l'intérieur du crayon. La chauffe est très rapide, et cette chaleur est transférée au tube qui, chauffé à son tour, devient incandescent.
- ▲ Le temps nécessaire à atteindre la température critique permettant une combustion stable, est dépendant de la conception des moteurs.

Phase de post chauffage

- ▲ La bougie continue de fonctionner après le démarrage pour réduire les fumées blanches et bleues issues du moteur. Il permet aussi d'éliminer les problèmes de démarrage à froid. Le temps de post heating est déterminé en fonction de la température du moteur, car les moteurs froids produisent plus de bruit et d'émissions polluantes.

COMMENT REMPLACER SES BOUGIES

Important lors du changement des bougies : Utiliser le bon couple de serrage pour la bougie et les connecteurs électrique!

Lorsque vous remplacez vos bougies, nous vous recommandons de prêter une attention particulière aux aspects suivants:

- 1 Utiliser les bonnes clefs pour le montage de la bougie et des connections.
- 2 Ne pas faire tomber, en aucunes circonstances, des poussières, particules à l'intérieur des cylindres (chambre de combustion moteur) par l'alésage de fixation de la bougie se trouvant sur la culasse.
- 3 S'assurer que la bougie est correctement alignée dans l'alésage de la culasse.

- 4 La bougie doit être vissée au couple correct
- 5 Les connections électrique de puissance doivent être vissées au couple correct.

La bougie peut être endommagée par un serrage excessif. Cela peut conduire à des dommages irréparables pour la bougie (surchauffe due à une réduction du jeu, rupture de la connexion), ainsi que pour le moteur.

1. Monter une bougie avec une clef dynamométrique:

Observer les préconisations constructeurs. Ne pas graisser ou huiler le filetage! Attention – Conformez vous aux couples maxi de serrage:

Filetage M8:	8-14 Nm
Filetage M10:	15-18 Nm
Filetage M12:	20-25 Nm

2. Monter une bougie sans clef dynamométrique:

Serrer la bougie sur la culasse en premier à la main. Ensuite utiliser une clef adaptée, et serrer avec un angle de 30° environ. Ne pas graisser ou huiler.

3. Serrage des connecteurs électriques:

Le couple maxi de serrage des connecteurs électriques ne doit pas excéder les valeurs suivantes:

Filetage M4	max. 2 Nm
Filetage M5	max. 4 Nm

Si vos bougies ont des connecteurs clipés, vérifier les connecteurs (corrosion).

Hidria
GARANTIE

La garantie de 5 ans est offerte pour la nouvelle ligne de bougie de préchauffage HIDRIA. Cette garantie est limitée aux défauts dans la matière ou aux performances insuffisantes des produits livrés par le fabricant.

Cette garantie ne couvre pas les pièces qui seraient défectueuse due à une mauvaise installation, mauvaise utilisation, ou causé par une autre pièce défectueuse. Les pièces modifiées, ou montées pour une utilisation autre que celle définie pour leur application/destination originale, ne sont pas garantie.

BUJÍAS INCANDESCENTES

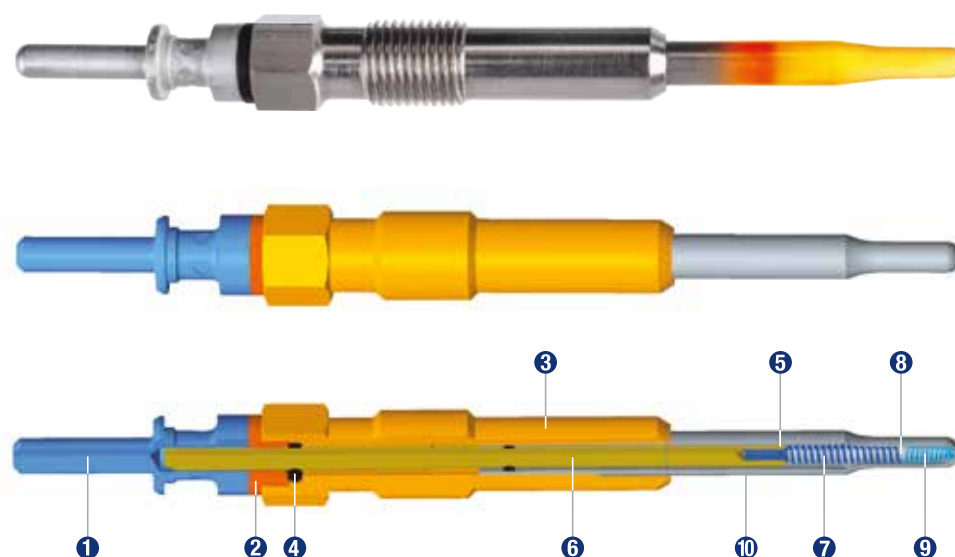
Estimado Cliente/Distribuidor,

Les agradecemos por haber escogido productos del sistema de arranque en frío de motores Hidria diesel. En el consorcio Hidria, el desarrollo y el potencial tecnológico están orientados a encontrar soluciones innovadoras en la industria automovilística, gracias a lo cual nuestra empresa es una de las empresas suministradoras, líderes de los productores europeos de automóviles más conocidos.

Todas nuestras innovaciones en la industria automovilística cumplen con la normativa ecológica Euro 6, lo cual permite a la empresa Hidria reducir el gasto de energía y disminuir el volumen de desechos perjudiciales para el medio ambiente.

Los consorcios europeos líderes en la construcción de automóviles eligen a la empresa Hidria como su socio, gracias a la profesionalidad de nuestros especialistas y su aspiración de buscar nuevas soluciones de tecnología punta competitivas en el futuro.

ESQUEMA BÁSICO DE UN CALENTADOR



❶ Conexión Lisa o Roscada

Los Terminales están protegidos mediante un tratamiento especial para resistir la corrosión y asegurar la mejor transmisión de potencia.

❷ Aislante

El aislante del calentador tiene una excelente calidad y robustez, asegurando la mejor conducción del calor y evitando la posibilidad de cortocircuito.

❸ Carcasa

Las dimensiones del Calentador son importantes a la hora del montaje en el motor. Al mismo tiempo su función es resistencia a altas temperaturas y proteger las partes internas del mismo.

❹ Sellado

Un anillo de goma previene contacto con el aire que podría provocar corrosión.

❺ Aislamiento

Oxido de Magnesio es utilizado para fabricar el aislante. Dicho componente tiene unas excelentes cualidades como conductor del calor.

❻ Electrodo

En el interior del calentador un electrodo permite el suministro de energía eléctrica a las resistencias.

❼ Regulador de la Resistencia

La principal función del regulador es el control efectivo del aporte de corriente para el más rápido calentamiento posible.

❽ Conexión de la Resistencia

Tecnología Láser consigue la mejor conexión entre Resistencia y Regulador, manteniendo su posición todo el tiempo y asegurando solidez y prestaciones.

❾ Resistencia

Una resistencia más corta al final del interior del calentador permite un rápido encendido incluso en condiciones de mucho frío. La temperatura de post-calentamiento puede durar una vez arrancado el vehículo para conseguir unas emisiones más bajas.

❿ Tubo calentador

El reducido diámetro del tubo del calentador, asegura la eficiencia en el calentamiento y unas excelentes prestaciones.

SOBRE LOS CALENTADORES

Por qué los motores diesel necesitan calentadores?

- ▲ para reducir las emisiones de humo
- ▲ para calentar el aire de admisión
- ▲ para reducir ruido y vibraciones del motor
- ▲ para permitir la conducción en frío

Fase de pre-calentamiento

- ▲ El sistema de pre-calentamiento suministra la energía adicional necesaria para el arranque en frío.
- ▲ Justo antes de arrancar el vehículo, un voltaje es aplicado al terminal del calentador y la corriente pasa a través de la resistencia en el interior del tubo. Este se calienta rápidamente hasta alcanzar la incandescencia.
- ▲ El tiempo transcurrido para alcanzar la temperatura necesaria para una combustión apropiada, varía en función de los diferentes tipos de motor.

Fase de post-calentamiento

- ▲ Los calentadores continúan incandescentes después del arranque para reducir la emisión de humo blanco o azul. También para eliminar problemas de arranque a bajas temperaturas. La fase post-calentamiento es determinante según la temperatura del motor, ya que un motor diesel frío produce ruido y emisiones contaminantes.

LA FORMA CORRECTA DE SUSTITUIR LOS CALENTADORES

Importante: cuando sustituimos los calentadores es muy importante observar el correcto apriete de los mismos y de las tuercas de conexión.

Cuando sustituimos los calentadores recomendamos prestar especial atención a lo siguiente:

- 1 Usar la llave correcta para el calentador y el terminal.
- 2 Tener cuidado que no caiga suciedad por el alojamiento del calentador al cilindro.
- 3 Asegurarse que el calentador enrosca correctamente en la cabeza del cilindro.
- 4 El calentador debe ser enroscado con el apriete correcto.
- 5 Las tuercas de los terminales deben estar ajustadas con el apriete correcto.

El calentador puede ser dañado si se utiliza un apriete excesivo. Puede causar un daño irreparable al calentador así como al motor.

Ajuste de un calentador con el par de apriete:

Por favor observar las especificaciones del fabricante. No engrasar o aceitar las roscas!

Atención: respetar los pares máximos de apriete:

Rosca M8:	8-14 Nm
Rosca M10:	15-18 Nm
Rosca M12:	20-25 Nm

Ajuste de un calentador sin el par de apriete:

Enroscar a mano el calentador en el cilindro. Luego utilizando la llave adecuada apretar el calentador girando aprox. 30°. No aceitar o engrasar la rosca.

Ajuste de la tuerca del terminal:

Los pares de apriete máximos para la tuerca de los terminales no debe exceder los valores siguientes:

Rosca M4 max. 2 Nm

Rosca M5 max. 4 Nm

Si los calentadores tienen conexiones en pin, por favor chequear estén libres de corrosión.

Hidria

**GARANTÍA
DE PRODUCTO HIDRIA**

La nueva línea de bujías de precalentamiento de la cámara de combustión Diesel tiene garantía de 5 años. Esta garantía cubre los defectos de fabricación o en prestaciones, para los productos suministrados por el fabricante. Esta garantía no cubre los productos cuyo fallo sea resultado de una mala instalación, uso o debido al fallo de otro componente no suministrado por HIDRIA. Tampoco los productos manipulados o utilizados para otro propósito distinto para el que han sido diseñados, están cubiertos por la garantía.

ŚWIECE ŻAROWE

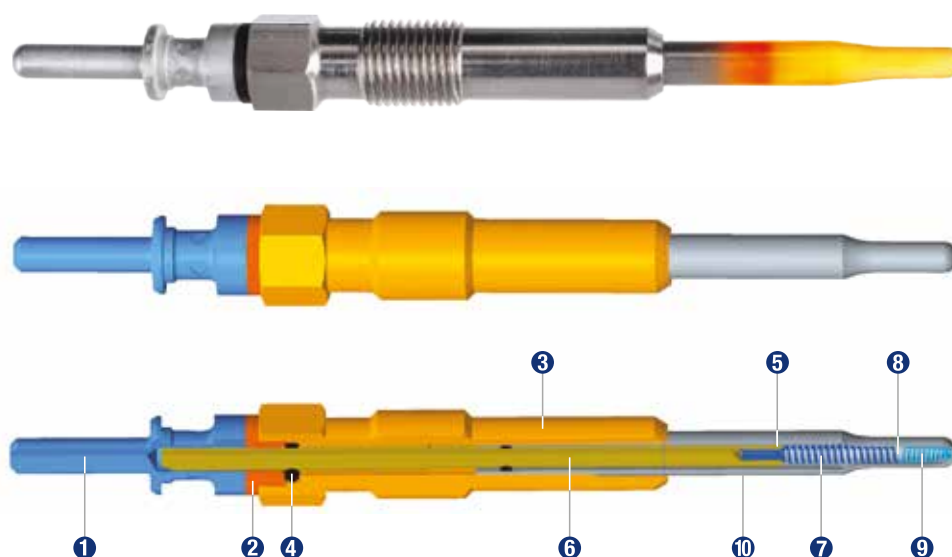
Szanowni Klienci!

Potencjał rozwojowy oraz technologiczny firmy Hidria został ukierunkowany na tworzenie przełomowych i innowacyjnych rozwiązań dla przemysłu motoryzacyjnego. Dzięki temu Hidria to jeden z wiodących dostawców dla wielu znanych europejskich producentów samochodów.

Innowacje w przemyśle samochodowym to również, a często przede wszystkim, spełnianie coraz ostrzejszych norm ekologicznych Euro 6. Rozwiązania Hidrii nadążają, a często wyprzedzają te niezwykle restrykcyjne normy. W ten sposób przyczyniają się do zmniejszenia zużycia paliwa i redukcji szkodliwych spalin.

Profesjonalizm naszych inżynierów oraz ich nieustanne dążenie do stosowania i wdrażania konkurencyjnych rozwiązań opartych na zaawansowanej technologii jest powodem, dla którego coraz więcej wiodących europejskich producentów samochodów wybiera markę Hidria przy dostawach na pierwszy montaż.

BUDOWA ŚWIECY ŻAROWEJ



❶ Wtyk lub śruba (przylącze prądowe)

Dzięki starannemu zabezpieczeniu przed korozją zapewniają pewne podłączenie elektryczne.

❷ Podkładka izolacyjna

Dzięki dobrym właściwościom izolującym i wysokiej przewodności cieplnej skutecznie zapobiega ewentualnym zwarciom.

❸ Korpus

Idealnie dopasowany do danego typu silnika, doskonale odprowadza ciepło i chroni wewnętrzne części świecy.

❹ Uszczelka

Zapobiega przenikaniu wilgoci i korozji spirali grzejnej.

❺ Wypełnienie izolacyjne

Tlenek magnezu izoluje i doskonale odprowadza ciepło.

❻ Elektroda

Doprowadza prąd o spirali grzejnej.

❼ Spirala regulacyjna

Reguluje natężenie prądu w zależności od temperatury, przyspieszając nagrzewanie spirali grzejnej.

❽ Spaw laserowy

Niezawodne połączenie spirali regulacyjnej z grzewczą bez strat prądu.

❾ Spirala grzejna

Krótką spiralą na czubku świecy pozwala na podgrzanie komory spalania nawet w najniższych temperaturach.

❿ Pręt grzewczy

Przewoźony czubek zapewnia szybkie nagrzewanie i dużą moc.

O ŚWIECACH ŻAROWYCH

Oto, dlaczego silniki Diesla wymagają zastosowania świec żarowych:

- ▲ redukcja szkodliwych związków
- ▲ podgrzanie zasysanego powietrza
- ▲ minimalizowanie drgań i wibracji
- ▲ polepszenie kultury pracy w czasie rozgrzewania silnika

Faza podgrzewania

▲ System podgrzewania zapewnia dodatkową energię cieplną konieczną w fazie zimnego rozruchu. Przed uruchomieniem silnika prąd płynący przez spiralę świecy żarowej błyskawicznie rozgrzewa spiralę grzejną, która przekazuje swoją energię cieplną prętowi grzejnemu, rozgrzewając go do czerwoności. Czas potrzebny do uzyskania właściwej temperatury potrzebnej do stabilnego spalania jest różny w poszczególnych silnikach.

Faza dogrzewania

▲ Świece żarowe dogrzewają komorę spalania jeszcze parę minut po uruchomieniu silnika. Zapobiega to nadmiernemu wydzielaniu sadzy i szkodliwych związków spalania oraz podnosi kulturę pracy silnika. Długość czasu dogrzewania zależna jest od temperatury silnika.

WAŻNE ZALECENIA DO WYMIANY ŚWIEC ŻAROWYCH

Uwaga: świece żarowe i nakrętki prądowe muszą być dokręcone właściwym momentem!

Przy wymianie świec żarowych proszę bezwzględnie stosować się do następujących zaleceń:

- 1 Używać odpowiedniego klucza do korpusu i nakrętek prądowych świec żarowych
- 2 Zabrudzenia wokół kanału świecy żarowej nie mogą w żadnym wypadku dostać się do komory spalania
- 3 Sprawdzić osiowość ustawienia świecy względem gwintu w głowicy
- 4 Świeca musi być dokręcona właściwym momentem
- 5 Nakrętka prądowa musi być dokręcona właściwym momentem

Dokręcenie zbyt wysokim momentem może uszkodzić świecę żarową. Może to również doprowadzić do uszkodzenia silnika.

1. Montaż świecy żarowej za pomocą klucza dynamometrycznego

Należy bezwzględnie przestrzegać zaleceń producenta pojazdu. Nie smarować i nie oliwić gwintu świecy.

Uwaga: przestrzegać maksymalnych momentów dokręcania świec.

gwint M8	8-14Nm
gwint M10	15-18 Nm
gwint M12	20-25 Nm

2. Montaż świecy żarowej bez klucza dynamometrycznego

Wkręcić świecę ręcznie do oporu, dokręcić świecę kluczem o 30°. Nie smarować i nie oliwić gwintu.

3. Montaż nakrętki przyłącza prądowego

Maksymalny moment dokręcania nakrętki przyłącza nie może przekraczać następujących wartości:

nakrętka M 4	max 2 Nm
nakrętka M5	max 4 Nm

W świecach z bolcem, jako przyłącze prądowe, sprawdzić, czy nie występuję korozja utrudniająca przepływ prądu.

HIDRIA

**GWARANCJA NA
PRODUKTY HIDRIA**

Na nową linię świec żarowych HIDRIA udzielana jest 5-letnia gwarancja.

Gwarancja ogranicza się tylko do wad materiału lub wykonania.

Gwarancja na produkty HIDRIA nie obejmuje szkód wynikających z niewłaściwego użycia lub niewłaściwego montażu oraz uszkodzeń wynikających z awarii innych elementów. Części stosowane niezgodnie z przeznaczeniem lub modyfikowane nie podlegają gwarancji

НАГРЕВАТЕЛЬ ПРОБКИ

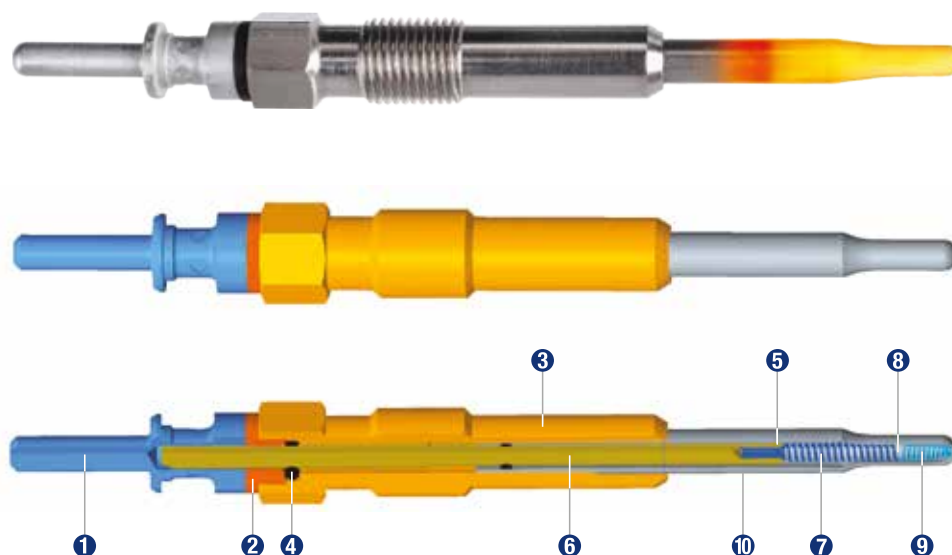
Уважаемые покупатели,
уважаемые дилеры,

Благодарим Вас за то, что Вы выбрали изделия системы холодного запуска дизельных моторов Hidria.

В корпорации Hidria развитие и технологический потенциал направлены на создание инновационных решений в автомобильной индустрии, благодаря чему наша компания входит в число ведущих поставщиков известнейших европейских автопроизводителей. Инновации в автомобильной индустрии соответствуют экологическому стандарту Евроб, что позволяет компании Hidria снизить расход энергии и уменьшить количество вредных для окружающей среды выбросов.

Ведущие европейские автомобилестроительные корпорации выбирают своим партнером компанию Hidria благодаря профессионализму наших специалистов и их стремлению искать новые высокотехнологичные и конкурентоспособные решения будущего.

ОСНОВНАЯ СХЕМА СВЕЧИ НАКАЛИВАНИЯ



① Контактный болт, или резьбовое соединение

Благодаря специальной обработке контактные болты и зажимы устойчивы к коррозии и обеспечивают надежное подсоединение электропитания.

② Изолятор

Изолятор свечей накаливания обладает превосходной прочностью, изолирующей способностью и теплопроводностью, что позволяет избежать любой возможности возникновения короткого замыкания.

③ Корпус

Размеры корпуса свечи накаливания имеют существенное значение для встроенного двигателя. В то же время корпус предназначен для обеспечения термостойкости и защиты внутренних деталей.

④ Уплотнитель

Резиновая прокладка предотвращает дальнейший контакт с воздухом, который может привести к коррозии спиралей.

⑤ Изоляция

В качестве изолирующего порошка используется окись магния, обладающая великолепными теплопроводными свойствами.

⑥ Электрод

Расположенный в корпусе свечи зажигания электрод обеспечивает электроснабжение спиралей.

⑦ Регулировочная спираль

Основная функция регулировочной спирали заключается в эффективном контроле потребления тока с целью быстрого накаливания нагревательной спирали.

⑧ Комбинация спиралей

Лазерные технологии сварки обеспечивают надежные соединения нагревательных спиралей, стабильность их расположения, согласующиеся характеристики сопротивляемостей спиралей.

⑨ Нагревательная спираль

Короткая спираль в нагревательном стержне на конце свечи, обеспечивает быстрый запуск двигателя даже при очень низкой температуре. Свечи могут поддерживать режим нагрева после запуска холодного двигателя, что способствует значительному снижению выбросов отработанных газов.

⑩ Нагревательная трубка

Уменьшенный диаметр нагревательной трубки повышает эффективность накаливания, обеспечивая высокий уровень общих эксплуатационных характеристик.

О СВЕЧАХ НАКАЛИВАНИЯ

Почему свечи накаливания необходимы для дизельных двигателей?

- ▲ снижают уровень выбросов отработанных газов
- ▲ подогревают всасываемый воздух
- ▲ уменьшают шумы и вибрацию двигателя
- ▲ улучшают ходовые качества при холодном запуске двигателя

Фаза предпускового разогрева

▲ Система предпускового нагревания обеспечивает подачу дополнительной тепловой энергии, необходимой для запуска холодного двигателя.

▲ Еще до запуска двигателя напряжение подается на контактные клеммы, ток начинает течь по виткам нагревательных спиралей, расположенных в нагревательной трубке. Нагревательная спираль быстро накаляется, тепловая энергия отводится на нагревательную трубку, вызывая ее накаливание.

▲ Время, необходимое для достижения температурного режима, достаточного для обеспечения стабильного сгорания топлива, различно для разных типов двигателей.

Фаза поддержания остаточного накала

▲ После запуска двигателя свечи накаливания продолжают некоторое время нагреваться с целью уменьшения выбросов белого и голубого дыма, производимых двигателем, и предотвращения возникновения проблем при запуске двигателя при низкой температуре. Фаза последующего нагревания определяется температурой двигателя, так как холодный дизельный двигатель производит больше шумов и экологически вредных выбросов.

ПРАВИЛА ЗАМЕНЫ СВЕЧЕЙ НАКАЛИВАНИЯ

Внимание: необходимо соблюдать правильный крутящий момент затягивания для свечей накаливания и контактных гаек!

При замене свечей накаливания рекомендуем обратить внимание на следующие моменты:

- 1 Используйте подходящий ключ для свечей накаливания и контактных зажимов.
- 2 Позаботьтесь, чтобы загрязнения вокруг отверстия для свечи накаливания не попали в цилиндр двигателя.
- 3 Удостоверьтесь, что свеча накаливания расположена точно на одной линии с резьбой головки цилиндра.
- 4 Свечу накаливания необходимо затягивать с правильным крутящим моментом затягивания.
- 5 Контактные гайки необходимо затягивать с правильным крутящим моментом затягивания.

Использование слишком большого крутящего момента затягивания может привести к неустраняемым повреждениям свечи накаливания, а также к повреждениям двигателя.

1. Монтаж свечи накаливания с использованием динамометрического ключа

Внимание: при монтаже следуйте указаниям производителя Вашего автотранспортного средства. Не смазывайте резьбовое соединение свечи никакими жиром - либо маслосодержащими средствами! Соблюдайте крутящий момент затягивания!

для резьбы M8:	8-14 Нм
для резьбы M10:	15-18 Нм
для резьбы M12:	20-25 Нм

2. Монтаж свечи накаливания без использования динамометрического ключа

Вкрутите свечу накаливания в цилиндр сначала вручную. Используйте затем подходящий круглый гаечный ключ и затяните свечу приблизительно на 30°. Не смазывайте резьбовое соединение свечи никакими жиром - либо маслосодержащими средствами!

3. Затягивание контактной гайки:

Максимальный крутящий момент затягивания контактной гайки не должен превышать следующие показатели:

- для резьбы M4 макс. 2 Нм
- для резьбы M5 макс. 4 Нм

Если в свече накаливания есть контактные соединения, проверьте их на наличие повреждений.

NIDRIA

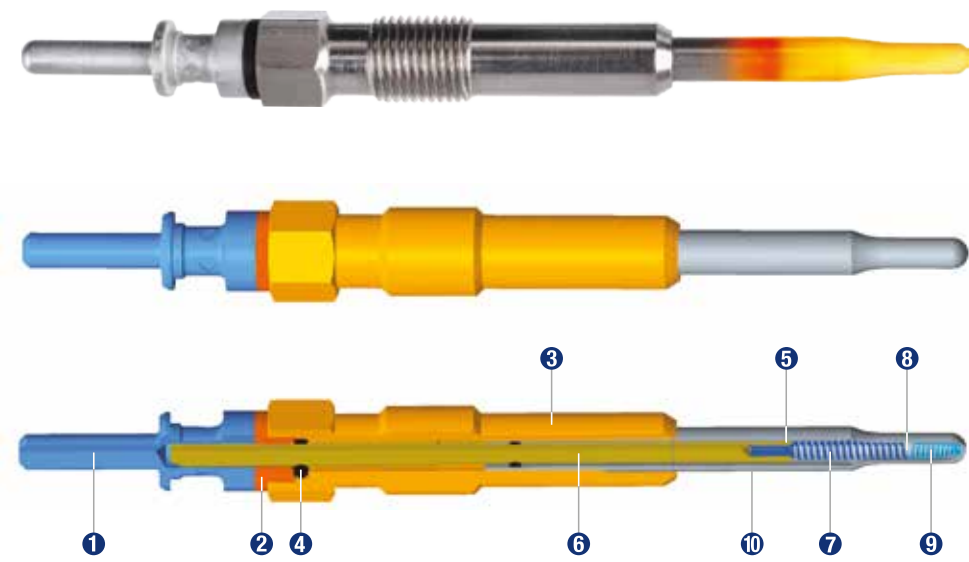
**ГАРАНТИЙНЫЕ ОБЯЗАТЕЛЬСТВА
НА ПРОДУКТЫ МАРКИ NIDRIA**

На новую линию свечей накаливания NIDRIA предоставляется гарантия в течение 5 лет. Гарантия действительна в отношении недостатков материала и неудовлетворительных эксплуатационных характеристик продукта, возникших по вине производителя. Гарантия не распространяется на детали, поврежденные в результате ненадлежащего монтажа, ненадлежащего обращения либо выхода из строя другой детали. На детали, модифицированные либо смонтированные в целях иных, нежели предусмотренных оригинальной конструкцией либо оригинальной областью применения, гарантийные обязательства не распространяются.

电热塞

尊敬的客户和经销商：
感谢您选择了柴油发动机冷启动系统的海达瑞产品。海达瑞集团依靠自身技术实力和研发，拥有汽车工业的众多创新解决方案。凭借这些革新方案，海达瑞成为柴油发动机冷启动系统领域的一流供应商之一。
我们在汽车领域的所有革新方案均符合欧 5 环保标准，能够降低能耗和减少有害环境的废气排放。感谢海达瑞公司技术人才的专业化能力和不断寻求高科技、竞争性解决方案的进取精神，欧洲一流的汽车公司纷纷选择了与海达瑞开展协作。

电热塞基本方案



插销 或 罗纹接头
插销或接头用特殊材料做表面处理，以防锈蚀并确保可靠的接电性能。

绝缘体
电热塞的绝缘材料拥有极好的强度，绝缘性和热导性，能避免任何短路。

外壳
电热塞的外壳尺寸对其嵌入发动机非常重要。同时，它具有耐热和保护内部材料的功能。

密封
塑料密封能预防任何空气接触，避免发热线圈锈蚀。

绝缘材料
绝缘材料使用氧化镁粉末，其具有优良的热导性能。

电极
电极内置于电热塞，给发热线圈提供提供电能。

调节线圈
调节线圈的主要功能是有效控制发热线圈的电流，以便快速加热。

线圈连接
采用激光焊接技术可以确保发热线圈和调节线圈的可靠接触并保持其连接位置的稳定性，保证阻值的一致性。

发热线圈
电热塞末端的短线圈能保证低温下的瞬间启动。冷启动后，后加热的保持温度依然可以延续，获得重要的发动机低排放。

发热管
发热管直径的缩小可以确保改进的热效率和整体的优良性能。

关于电热塞

为什么柴油发动机需要电热塞？

减少烟雾排放

进气加热

减少发动机噪音和震动

改善寒冷环境下的驾驶性能

预热阶段

预热系统为冷启动提供了额外的热能。发动机启动前，在电热塞末端加电压，电流流过电热塞内的发热丝线圈，从而迅速加热，热能被传递到保护外壳使其发光发热。获得发动机稳定燃烧所需的足够温度的时间随不同的发动机设计款式而变化。

后加热阶段

启动后，电热塞继续发热以降低产生的白烟或蓝烟，同时可以消除低温下的启动问题。后加热阶段依发动机的温度情况而定，低温柴油发动机会产生更多的噪音和污染排放。

替换电热塞的正确方法

替换时重要点：对电热塞及其电源接头使用正确的紧固扭矩！

当替换电热塞时，我们建议对以下主要方面特别注意：

1. 对电热塞及其末端使用正确的扳手
2. 注意插电热塞孔周围的灰尘不能掉入汽缸内
3. 确保电热塞被正确的拧入汽缸盖的螺纹内
4. 必须使用正确的扭矩紧固电热塞
5. 必须使用正确的扭矩紧固电源连接螺帽

使用过大的扭矩会损坏电热塞。
并造成电热塞无法修复性的毁坏，
同样也损害发动机。

1. 使用转矩扳手装配电热塞：

确保遵守车辆制造商的技术要求。不要在罗纹饰涂油或滑脂！

注意-遵守最大的扭矩设值：

M 8 螺纹： 8-14 Nm
M10螺纹： 15-18 Nm
M12螺纹： 20-25 Nm

2. 无转矩扳手装配电热塞：

首先用手将电热塞拧入发动机缸体。
然后用梅花双头扳手拧紧大约30度。
不要在螺纹上涂油脂。

3. 固定电源连接螺帽：

电源连接螺帽的最大扭矩不能超过以下限值：

M4 螺纹 最大 2 Nm

M5 螺纹 最大 4 Nm

如果电热塞用销连接，请检查防锈蚀。



海达瑞产品质量保证

海达瑞为新系列电热塞产品提供 5 年的质量保证。
该质量保证限于材料缺陷或对制造商提供产品的性能不满意。
但不包括因非正确安装，错误使用，滥用或因另一种产品引起的故障。
产品被修改后使用或不按原设计和应用安装使用的不享受产品保证。

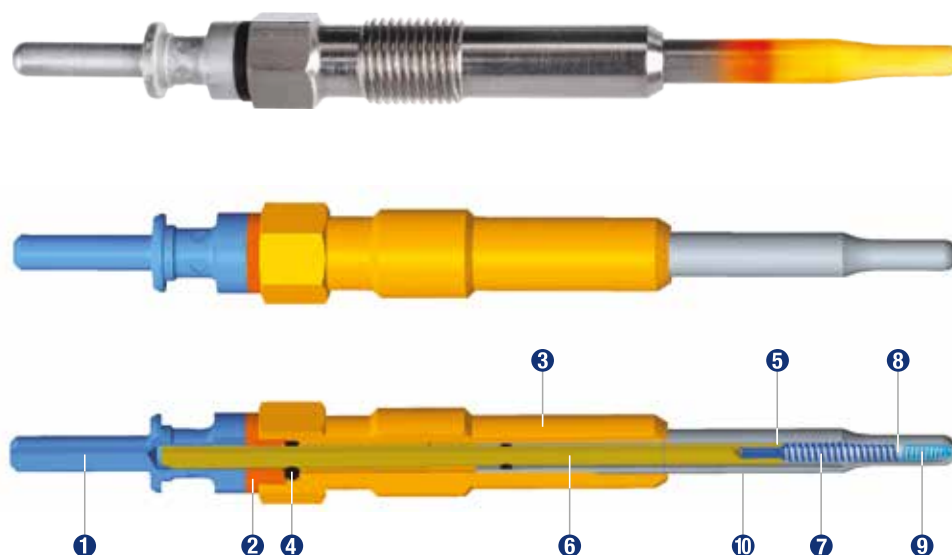
ПОДГРЕВНА СВЕЩ

Уважаеми клиенти, уважаеми дилъри,

Преди всичко, поздравления за избора на компоненти за студен пуск на дизелови двигатели от HIDRIA. Тъй като аспектът на екологичната устойчивост придоби водещата роля в автомобилната област, беше положени всички усилия чрез пазара за удовлетворяване на все по-големите изисквания към емисиите. Нашите инженери са в постоянен стремеж за по-добри продукт.

Новото поколение подгревни свещи на система за мигновен пуск (FSS) се управляват с блок за управление на подгревни свещи (GPCU). В сравнение със стандартни 11-волтови свещи, времето за подгряване е значително по-кратко.

ПРИНЦИПНА СХЕМА НА ПОДГРЕВНА СВЕЩ



❶ Щифт или резбови съединител

Щифтовете или изводите са защитени със специална обработка на материала за устойчивост срещу корозия и осигуряване на надеждна връзка със захранването.

❷ Изолатор

Изолаторът на подгревната свещ има отлична якост, изолация и топлопроводност за избягване на всякакво възможно късо съединение.

❸ Кожух

Размерите на кожата на подгревната свещ са важни за вграждане в двигател. В същото време предназначението му е да осигурява топлоустойчивост, а също така и да предпазва вътрешните части.

❹ Уплътнение

Едно гумено уплътнение всякакъв по-нататъшен контакт с въздуха, който може да доведе до корозия на бобината.

❺ Изолация

За изолационен материал се използва прахообразен магнезиев окис, който има също така отлични качества като проводник на топлина.

❻ Електрод

Вътре в подгревната свещ електродът осигурява подаване на електрическа енергия към намотките.

❼ Регулираща намотка

Основната функция на регулиращата намотка е да регулира ефективно тока за бързо подгряване на нагревателната намотка.

❽ Свързване на намотките

Една технология на лазерно заваряване осигурява надеждни връзки между нагревателни и регулиращи намотки и поддържа положението им през цялото време и осигурява устойчиви показатели на съпротивлението.

❾ Нагревателна намотка

Една по-къса намотка вътре в края на подгревната свещ осигурява мигновен пуск дори в много студени условия. Температурата на последващо нагряване би могла да бъде удължена също и след пуск в студено състояние, което води до значително по-ниски емисии от двигателя.

❿ Нагревателна тръба

Намаленият диаметър на нагревателната тръба осигурява подобрена ефективност на нагряване и отлични експлоатационни характеристики като цяло.

ОТНОСНО ПОДГРЕВНИТЕ СВЕЩИ

Защо дизеловите двигатели се нуждаят от подгревни свещи?

- ▲ за намаляване на димните емисии
- ▲ за подгряване на постъпващия въздух
- ▲ за понижаване на шума и вибрациите на двигателя
- ▲ за подобряване на управляемостта от студено състояние

Фаза на предварително нагряване

- ▲ Подгряващата система подава допълнителна топлинна енергия, която се изисква за пуск от студено състояние.
- ▲ Непосредствено преди пускане на двигателя се подава напрежение към извода на подгревната свещ и токът протича през намотките вътре в нагревателната тръба. Тя се нагрява бързо, като топлинната енергия се предава към защитната обвивка, предизвиквайки нажежаването ѝ.
- ▲ Времето, изразходвано за достигане на достатъчна температура, където е постижимо устойчиво горене, варира при различните модели двигатели.

Фаза на последващо нагряване

- ▲ Подгревните свещи продължават да тлеят след пуск за намаляване на количеството произведен бял или син дим. Както и за отстраняване на някакви проблеми при пускането при ниски температура. Фазата на последващо нагряване се определя върху температурата на двигателя, тъй като един студен дизелов двигател произвежда повече шум и емисии на замърсители.

ПРАВИЛНИЯТ НАЧИН ЗА ПОДМЯНА НА ПОДГРЕВНИ СВЕЩИ

Важно по подмяната: необходимо е да се спазва правилният въртящ момент на затягане за подгревни свещи и гайки на връзки към захранване!

Когато подменяте подгревни свещи, ние Ви препоръчваме да обръщате специално внимание на тези главни аспекти:

- 1 Използвайте подходящия ключ за подгревната свещ и извода
- 2 Погрижете се нечистотии около отвора за подгревната свещ да не паднат в цилиндъра
- 3 Уверете се, че подгревната свещ е правилно центрована с резбата на цилиндровата глава
- 4 Подгревната свещ трябва да се затяга до правилния въртящ момент
- 5 Гайките на връзките към захранване трябва да се затягат до правилния въртящ момент на затягане

Подгревната свещ може да бъде повредена от използване на прекомерен въртящ момент. Това може да доведе до непоправима повреда на свещта, както и до повреда на двигателя.

1. Поставяне на подгревна свещ с динамометричен ключ:

Моля, спазвайте техническите условия на производителя на превозното средство. Не смазвайте резби с консистентна смазка или масло!

Внимание — спазвайте настройките за максимален въртящ момент:

резби M8:	8-14 Nm
резби M10:	15-18 Nm
резби M12:	20-25 Nm

2. Поставяне на подгревна свещ без динамометричен ключ:

Завийте подгревната свещ в цилиндъра първо на ръка. След това използвайте подходящ затворен гаечен ключ и затегнете подгревната свещ за приблизително 300. Не смазвайте резбата с консистентна смазка или масло.

3. Затягане на гайката на връзка към захранване:

Настройката за максимален въртящ момент за гайките за свързване към захранване не трябва да превишава следните стойности:

резби M4 макс.	2 Nm
резби M5 макс.	4 Nm

Ако подгревните свещи имат щифтови съединения, моля, проверете също така и тях за корозия.

Нюга

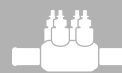
ГАРАНЦИЯ ЗА
КАЧЕСТВОТО НА ИЗДЕЛИЕ

Всички автомобилни части са в съответствие с гаранционните условия на Европейския съюз. Тази гаранция е ограничена до дефектите в материали или незадоволителни работни характеристики на изделията, както са доставени от производителя.

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ALFA ROMEO

6	2.5 TD	07/81-05/86	VM-HR 588 HT	77	H1 005	
33	1.8 TD	01/86-06/90	VM 82 A	54	H1 005	
	1.8 TD	07/90-03/94	VM 96 A	62	H1 005	
	1.8 TD	09/86-03/94	VM HR 392	62	H1 005	
	1.8 TD Sport Wagon	01/86-12/89	VM 96 A	62	H1 005	
75	2.0 TD	05/85-09/92	VM 80 A	70	H1 005	
	2.4 TD	01/89-02/92	VM 81 A	82	H1 005	
90	2.4 TD	10/84-07/87	VM 81 A	81	H1 005	
145	1.9 TD	10/94-02/99	AR 67501, AR 33601	66	H1 656	
	1.9 JTD	02/99-10/99	AR 32302	77	H1 793	H1 054
	1.9 JTD	11/99-01/01	AR 32302	77	H1 802	
146	1.9 TD	12/94-02/99	AR 67501, AR 33601	66	H1 656	
	1.9 JTD	02/99-10/99	AR 32302	77	H1 793	H1 054
	1.9 JTD	11/99-01/01	AR 32302	77	H1 802	H1 054
147	1.9 JTD	06/03-03/10	182 B9.000	74	H1 802	H1 054
	1.9 JTD	04/01-03/10	937 A2.000	85	H1 802	H1 054
	1.9 JTD 16V	11/02-03/10	192 A5.000	103	H1 816	
	1.9 JTDM 16V	10/04-03/10	939 A7.000	85	H1 802	
	1.9 JTDM	10/04-03/10	939 A7.000	85	H5 020	
	1.9 JTD 16V	09/03-09/04	937 A4.000	93	H1 816	
	1.9 JTD 16V	10/04-03/10	192 B1.000	100	H1 816	
	1.9 JTDM 8V	07/05-03/10	937 A3.000	88	H1 802	
	1.9 JTDM 8V	07/05-03/10	937 A3.000	88	H5 020	
	1.9 JTDM 16V	07/05-03/10	937 A5.000	110	H1 816	
	1.9 JTDM 16V	06/08-03/10	937 A6.000	125	H1 450	
155	1.9 TD	04/93-12/97	AR 67501	66	H1 656	
	2.0 TD	08/93-04/96	AR 67502	66	H1 656	
	2.5 TD	04/93-04/95	VM 07 B, VM 31 B	92	H1 656	
	2.5 TD	04/93-05/95	VM 07 B, VM 31 B	92	H1 810	
156	1.9 JTD	09/97-10/00	AR 32302	77	H1 793	H1 054
	1.9 JTD	10/00-05/01	AR 37101	81	H1 802	H1 054
	1.9 JTD	05/01-09/05	937 A2.000	85	H1 802	H1 054
	1.9 JTD 16V	11/02-09/05	192 A5.000	103	H1 816	
	1.9 JTD	07/04-09/05	937 A5.000	110	H1 816	
	2.4 JTD	09/97-10/00	AR 32501	100	H1 793	H1 054
	2.4 JTD	10/00-09/05	839 A6.000	103	H1 802	
	2.4 JTD	03/02-09/05	841 C000	110	H1 802	
	2.4 JTD	06/03-05/06	841 M.000, 841 N.000	120	H1 816	
	2.4 JTD	10/03-09/05	841 G000	129	H1 816	
	1.9 JTD	05/00-10/00	AR 32302	77	H1 793	H1 054
156 / Sportwagon (932)	1.9 JTD	10/00-05/01	AR 37101	81	H1 802	H1 054
	1.9 JTD	05/01-05/06	937 A2.000	85	H1 802	H1 054
	1.9 JTD 16V	11/02-05/06	192 A5.000	103	H1 816	
	1.9 JTD 16V (Q4)	07/04-05/06	937 A5.000	110	H1 816	
	2.4 JTD	05/00-10/00	AR 32501	100	H1 793	H1 054
	2.4 JTD	10/00-05/06	839 A6.000	103	H1 802	
	2.4 JTD	03/02-05/06	841 C000	110	H1 802	
	2.4 JTD	03/02-05/06	841 C000	110	H1 802	



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156 / Sportwagon (932)	2.4 JTD	06/03-05/06	841 M.000	120	H1 816	
	2.4 JTD	10/03-05/06	841 G000	129	H1 816	H1 054
159	1.9 JTDM 8V	09/05-11/11	939 A1.000	88	H5 020	
	1.9 JTDM 8V	09/05-11/11	939 A7.000, A1.000	85-88	H1 802	
	1.9 JTDM 16V	09/05-11/11	939 A8.000, A2.000	100-110	H1 816	
	2.0 JTDM	06/10-11/11	939 B4.000	100	H1 396	
	2.0 JTDM	05/09-11/11	844 A2.000	120	H1 396	
	2.0 JTDM	05/09-11/11	393 B3.000	125	H1 396	
	2.4 JTDM	09/05-	939 A3.000	147	H1 816	
	2.4 JTDM	05/07-11/11	939 A9.000	154	H1 816	
	2.4 JTDM (Q4)	05/07-11/11	939 A9.000	154	H1 816	
	2.4 JTDM (Q4)	05/07-11/11	939 A9.000	154	H1 450	
159 / Sportwagon	1.9 JTDM 8V	03/06-11/11	939 A1.000	88	H5 020	
	1.9 JTDM 8V	03/06-11/11	939 A1.000	85	H1 802	
	1.9 JTDM 16V	03/06-11/11	939 A2.000	100	H1 816	
	1.9 JTDM 16V	03/06-11/11	939 A2.000	110	H1 816	
	2.0 JTDM	06/10-11/11	939 B4.000	100	H1 396	
	2.0 JTDM	05/09-11/11	844 A2.000, 939 B3.000	100-125	H1 396	
	2.4 JTDM	03/06-11/11	939 A3.000	147	H1 816	
	2.4 JTDM (Q4)	05/07-11/11	939 A9.000	154	H1 450	
164	2.5 TD	06/87-09/92	VM 84A	84	H1 005	
	2.5 TD Super	09/92-04/95	VM 08 B, VM 32 B	92	H1 656	
	2.5 TD Super	09/92-09/98	VM 08 B, VM 32 B	92	H1 810	
166	2.4 JTD	09/98-10/00	AR 34202	100	H1 793	H1 054
	2.4 JTD	10/00-06/07	839 A6.000	103	H1 802	
	2.4 JTD	04/02-06/07	841 C000	110	H1 802	
	2.4 JTD	10/03-06/07	841 G.000, 841 H.000	129	H1 816	
	2.4 JTD	07/06-06/07	841 M.000	132	H1 816	
	2.4 JTD	07/05-06/07	841 M.000	136	H1 816	
AR 6	1.9 D	04/85-12/89	160D100	51	H1 656	
	2.4 D	04/85-02/86	8144.61.200	53	H0 605	
	2.4 TD	09/86-12/89	8144.21.220	68	H0 584	
	2.5 D	03/86-12/89	8144.67.220	55	H0 584	
AR 8	2.4 TD	04/85-12/89	8140.21.200 D.I.	68	H0 584	
	2.5 D	09/86-12/89	8144.67.220	55	H1 615	
Alfetta	2.0 TD	10/79-03/83	VM 4HT/2	60	H1 005	
	2.4 TD	04/83-12/84	VM 4HT 2.4	70	H1 005	
Brera	2.0 JTDM	03/08-	844 A2.000	120	H1 396	
	2.0 JTDM	05/09-	939 B3.000	125	H1 396	
	2.4 JTDM 20V	01/06-	939 A3.000	147	H1 816	
	2.4 JTDM 20V	05/07-	939 A9.000	154	H1 816	
	2.4 JTDM 20V	05/07-	939 A9.000	154	H1 450	
Giulietta	1.6 JTDM	04/10-	940 A3.000	77	H1 396	
	2.0 JTDM	04/10-	940 A8.000	100	H1 396	
	2.0 JTDM	04/10-	940 A5.000	103	H1 396	
	2.0 JTDM	08/13-	940 B5.000	110	H1 396	
	2.0 JTDM	04/10-	940 A7.000	120	H1 396	



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Giulietta	2.0 JTDM	04/10-	940 A4.000	125	H1 396
	2.0 JTDM	11/13-	940 B4.000	129	H1 396
	2.0 TD	02/83 - 04/85	VM 4HT	61	H1 005
	2.0 L	04/10 - 03/16	940 B5.000	110	H1 396
	2.0 L	04/10 - 03/16	940 B4.000	129	H1 396
	1.6 L	04/10 - 03/16	940 C1.000	88	H1 396
	2.0 L	04/10 - 03/16	940 B4.000	129	H1 396
	2.0 L	04/10 - 03/16	940 B4.000	129	H1 396
	2.0 L	04/16 -	940 B4.000	129	H1 396
	1.6 L	04/16 -	940 C1.000	88	H1 396
	2.0 L	04/16 -	940 B4.000	129	H1 396
	2.0 L	04/16 -	940 B5.000	110	H1 396
	2.0 L	04/16 -	940 B4.000	129	H1 396
GT	1.9 JTD	11/03-09/10	937 A5.000	110	H1 816
	1.9 JTD	05/08-09/10	937 A6.000	125	H1 450
MITO	1.3 Multijet	12/13-	199 B8.000	59	H5 025
	1.3 JTDM	10/09-	199 B1.000	70	H5 025
	1.3 JTDM	09/08-	199 A3.000	66	H1 859
	1.3 JTDM	01/11-	199 B4.000	62	H5 025
	1.6 JTDM	09/08-	955 A4.000	85	H1 396
	1.6 JTDM	09/08-	198 A2.000, 955 A3.000	88	H1 396
Spider	2.0 JTDM	05/09-	844 A2.000, 939 B3.000	120-125	H1 396
	2.4 JTDM	04/07-	939 A3.000	147	H1 816
	2.4 JTDM	03/08-	939 A3.000	154	H1 816
	2.4 JTDM 20V	05/07-	939 A9.000	154	H1 816

ALPINA BMW

D10	3.0 D Biturbo	09/99-		180	H1 090
D10	3.0 D Biturbo	04/00-10/03		180	H1 090
D10 kombi	3.0 D Biturbo	04/00-10/03		180	H1 090

AM GENERAL TRUCK (USA)

H1		2003	V8 6.5L F/INJ. TURBO HO DIESEL (F)		H1 197
		2004	V8 6.5L DIESEL TURBO HO (Z)		H1 197
		2005	V8 6.6L DIESEL TURBO HO (2)		H1 197
		2006	V8 6.6L DIESEL TURBO (3)		H1 197
Hummer		1992 - 1994	V8 6.2L DIESEL (X)		H1 197
		1994 - 2001	V8 6.5L DIESEL (Y)		H1 197
		1996 - 2001	V8 6.5L DIESEL TURBO (Z)		H1 197
		2002	V8 6.5L F/INJ. TURBO HO DIESEL (F)		H1 197

ARO (RO)

240-244	2.5 D	01/83-12/98	XD3P	52	H1 002
	2.5 TD	01/92-12/06	XD3TP	70	H1 002
	2.5 TD	01/92-12/06	VM-425HLT	74	H1 002
	2.7 D	09/89-12/98		50	H1 002
	2.7 D	04/85-12/98	ARO L-27D	52	H1 002

AUDI

A1 (8X1)	1.4 TDI	11/14-	CUSB, qty required:2	66	H1 339 *
	1.6 TDI	03/11-	CAYB	66	H1 339

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**AUDI**

A1 (8X1)	1.6 TDI	05/10-	CAYC	77	H1 339	
	1.6 TDI	11/14-	CXMA, qty required:3	85	H1 339 *	
	2.0 TDI	09/11-	CFHD	105	H1 339	
	2.0 TDI	05/12-	CFHB	100	H1 339	
A1 Sportback (8XA)	1.4 TDI	11/14-	CUSB, qty required:2	66	H1 339 *	
	1.6 TDI	11/11-	CAYB	66	H1 339	
	1.6 TDI	11/11-	CAYC	77	H1 339 *	
	1.6 TDI	11/14-	CXMA, qty required:3	85	H1 339	
	2.0 TDI	05/12-	CFHB	100	H1 339	
	2.0 TDI	09/11-	CFHD	105	H1 339	
A2 (8 Z0)	1.2 TDI	03/01-08/05	ANY	45	H1 121	
	1.4 TDI	02/00-08/03	AMF, BHC	55	H1 121	
	1.4 TDI	09/03-08/05	AMF, BHC	55	H1 127	
	1.4 TDI	11/03-08/05	ATL	66	H1 127	
A3 (8 L1)	1.9 TDI	09/96-07/01	AGR, ALH	66	H1 659	H1 053 H1 458
	1.9 TDI	10/00-05/03	ATD, AXR	74	H1 659	H1 053 H1 458
	1.9 TDI	08/97-07/01	AHF, ASV	81	H1 659	H1 053 H1 458
	1.9 TDI	08/00-05/03	ASZ	96	H1 659	H1 053 H1 458
	1.9 TDI	06/03-	ASZ	96	H1 121	
	1.9 TDI quattro	08/00-05/03	ASZ	96	H1 659	H1 053 H1 458
	1.9 TDI quattro	06/03-	ASZ	96	H1 121	
	1.6 TDI	05/09-08/12	CAYB	66	H1 339	
	1.6 TDI	05/09-08/12	CAYC	77	H1 339	
A3 (8 P1)	1.9 TDI	05/03-	BKC, BLS, BXE	77	H1 127	
	2.0 TDI	05/03-08/12	AZV,	100	H1 993	
	2.0 TDI	05/03-08/12	CBAA, CFFA	100	H1 339	
	2.0 TDI quattro	05/03-06/08	AZV	100	H1 993	
	2.0 TDI	06/05-06/08	BMM from Ch. No. 8P-6A138 001 from Ch. No. 8P-6B019 001	103	H1 127	
	2.0 TDI quattro	01/06-06/08	BMM from Ch. No. 8P-6A138 001 from Ch. No. 8P-6B019 001	103	H1 127	
	2.0 TDI	06/05-06/08	BMM till Ch. No. 8P-6A138 000 till Ch. No. 8P-6B019 000	103	H5 199	
	2.0 TDI quattro	01/06-06/08	BMM till Ch. No. 8P-6A138 000 till Ch. No. 8P-6B019 000	103	H5 199	
	2.0 TDI 16V	05/03-08/12	BKD	103	H1 993	
	2.0 TDI 16V	05/03-08/12	CBAB, CFFB, CLJA	103	H1 339	
	2.0 TDI 16 V quattro	08/04-08/12	BKD	103	H1 993	
	2.0 TDI 16 V quattro	08/04-08/12	CBAB, CFFB	103	H1 339	
	2.0 TDI	03/06-08/12	CBBB, CFGB,	125	H1 339	
	2.0 TDI	03/06-08/12	BMN	125	H5 122	
	2.0 TDI quattro	03/06-08/12	CBBB, CFGB,	125	H1 339	

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**AUDI**

A3 (8 P1)	2.0 TDI quattro	03/06-08/12	BMN	125	H5 122
A3 Convertible 8 P7	1.6 TDI	05/09-	CAYC	77	H1 339
	1.9 TDI	04/08-05/13	BLS	77	H1 127
	2.0 TDI	04/08-05/13	CBAA, CFFA	100	H1 339
	2.0 TDI	04/08-05/13	CBAB, CFFB	103	H1 339
A3 Sportback (8 PA)	1.6 TDI	05/09-03/13	CAYB	66	H1 339
	1.6 TDI	05/09-03/13	CAYC	77	H1 339
	1.9 TDI	09/04-05/10	BKC, BLS, BXE	77	H1 127
	2.0 TDI	09/04-03/13	AZV	100	H1 993
	2.0 TDI	09/04-03/13	CBAA, CFFA	100	H1 339
	2.0 TDI	06/05-06/08	BMM from Ch. No. 8P-6A138 001 from Ch. No. 8P-6B019 001	103	H1 127
	2.0 TDI quattro	01/06-06/08	BMM from Ch. No. 8P-6A138 001 from Ch. No. 8P-6B019 001	103	H1 127
	2.0 TDI	06/05-06/08	BMM till Ch. No. 8P-6A138 000 till Ch. No. 8P-6B019 000	103	H5 199
	2.0 TDI quattro	01/06-06/08	BMM till Ch. No. 8P-6A138 000 till Ch. No. 8P-6B019 000	103	H5 199
	2.0 TDI 16V	09/04-	BKD	103	H1 993
	2.0 TDI 16V	09/04-	CBAB, CFFB, CLJA	103	H1 339
	2.0 TDI 16 V quattro	11/05-03/13	BKD	103	H1 993
	2.0 TDI 16 V quattro	11/05-03/13	CBAB, CFFB	103	H1 339
	2.0 TDI	06/06-06/08	BUY	120	H5 122
	2.0 TDI	03/06-08/12	CBBB, CFGB	125	H1 339
	2.0 TDI	03/06-03/13	BMN	125	H5 122
	2.0 TDI quattro	03/06-08/12	CBBB, CFGB	125	H1 339
	2.0 TDI quattro	03/06-03/13	BMN	125	H5 122 *
A3 (8V1)	1.6 TDI	10/12-	CLHA	77	H1 339 *
	1.6 TDI	09/13-	CRKB, CXXB, DBKA, qty required:3	81	H1 339 *
	2.0 TDI	01/13-	CRFA	81	H1 339 *
	2.0 TDI	05/13-	CRBD	100	H1 339 *
	2.0 TDI	09/12-	CRFC	105	H1 339 *
	2.0 TDI	04/12-	CRLB, qty required:3, CRBC	110	H1 339 *
	2.0 TDI	04/12-	CRLB, qty required:3, CRBC	110	H1 339 *
	2.0 TDI quattro	10/12-	CRBC	110	H1 339 *
	2.0 TDI	05/13-	CUNA, qty required:3	135	H1 339 *
	2.0 TDI quattro	12/12-	CUNA, qty required:3	135	H1 339 *
A3 Sportback (8 VA)	1.6 TDI	10/12-	CLHA	77	H1 339 *
	1.6 TDI	09/13-	CRKB, CXXB, DBKA, qty required:3	81	H1 339 *
	1.6 TDI quattro	05/15-	CXXB, qty required:3	81	H1 339
	2.0 TDI	05/13-	CRFA	81	H1 339 *
	2.0 TDI	05/13-	CRBD	100	H1 339 *
	2.0 TDI	03/13-	CRFC	105	H1 339 *
	2.0 TDI	09/12-	CRLB, qty required:3, CRBC	110	H1 339 *
	2.0 TDI quattro	02/13-	CRLB, qty required:3, CRBC	110	H1 339 *
	2.0 TDI	05/13-	CUNA, qty required:3	135	H1 339 *
	2.0 TDI quattro	05/13-	CUNA, qty required:3	135	H1 339 *

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A3 Limousine (8VS)	1.6 TDI	09/13-	CLHA	77	H1 339 *	
	1.6 TDI	05/14-	CRKB, CXXB, DBKA, qty required:3	81	H1 339 *	
	1.6 TDI quattro	05/15-	CXXB, qty required:3	81	H1 339	
	2.0 TDI	05/13-	CRFA	81	H1 339 *	
	2.0 TDI	09/13-	CRBD	100	H1 339 *	
	2.0 TDI	10/13-	CRFC	105	H1 339 *	
	2.0 TDI	05/13-	CRLB, qty required:3, CRBC	110	H1 339 *	
	2.0 TDI quattro	10/13-	CRLB, qty required:3, CRBC	110	H1 339 *	
	2.0 TDI	05/14-	CUNA, qty required:3	135	H1 339 *	
	2.0 TDI	05/14-	CUNA, qty required:3	135	H1 339 *	
A3 Convertible (8V7)	1.6 TDI	02/14-	CRKB	81	H1 339 *	
	2.0 TDI	10/13-	CRLC, qty required:3	100	H1 339 *	
	2.0 TDI	10/13-	CRLB, qty required:3	110	H1 339 *	
	2.0 TDI quattro	03/14-	CRLB, qty required:3	110	H1 339 *	
	2.0 TDI	05/14-	CUNA, qty required:3	135	H1 339 *	
	2.0 TDI	05/14-	CUNA, qty required:3	135	H1 339 *	
A4 (8 D2, B5)	1.9 TDI	12/95-11/00	AFF	55	H1 659	H1 053 H1 458
	1.9 TDI	01/95-11/00	1Z, AHH, AHU	66	H1 659	H1 053 H1 458
	1.9 TDI	10/95-11/00	AFN, AVG	81	H1 659	H1 053 H1 458
	1.9 TDI quattro	09/96-11/00	AFN, AVG	81	H1 659	H1 053 H1 458
	1.9 TDI	03/00-11/00	AJM	85	H1 659	H1 053 H1 458
	1.9 TDI quattro	03/00-11/00	AJM, ATJ	85	H1 659	H1 053 H1 458
	2.5 TDI	09/97-11/00	AFB, AKN	110	H1 961	
	2.5 TDI quattro	09/97-11/00	AFB, AKN	110	H1 961	
A4 (8 E2, B6)	1.9 TDI	05/01-12/04	AVB	74	H1 659	
	1.9 TDI	06/04-12/04	BKE from Ch.No.: 8E-5-070 251	85	H1 127	
	1.9 TDI	11/00-12/04	AVF, AWX from Ch.No.: 8E-2-148 698	96	H1 121	H1 458
	1.9 TDI	11/00-12/04	AVF, AWX to Ch.No.: 8E-2-148 697	96	H1 659	H1 458
	1.9 TDI quattro	11/01-12/04	AVF, from Ch.No.: 8E-2-148 698	96	H1 121	H1 458
	1.9 TDI quattro	11/01-12/04	AVF, to Ch.No.: 8E-2-148 697	96	H1 659	H1 458
	2.5 TDI	08/01-07/02	AYM	114	H1 961	
	2.5 TDI	07/02-12/04	BCZ, BDG, BFC	120	H1 961	
	2.5 TDI quattro	11/00-12/04	AKE, BAU, BDH	132	H1 961	
A4 (8 EC, B7)	1.9 TDI	11/04-06/08	BKE from Ch.No.: 8E-5-070 251	85	H1 127	
	1.9 TDI	11/04-06/08	BRB	85	H5 199	
	2.0 TDI	11/05-11/06	BVF	93	H5 122	
	2.0 TDI	11/04-06/08	BNA, from Ch.No.: 8E-5-400 001	100	H1 993	
	2.0 TDI	11/04-06/08	BRF	100	H5 122	
	2.0 TDI 16V	11/04-06/08	BRE	103	H5 122	
	2.0 TDI	06/06-06/08	BRD	125	H5 122	
	2.0 TDI quattro	06/06-06/08	BRD	125	H5 122	

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AUDI

A4 (8 EC, B7)	2.0 TDI 16 v	11/04-06/08	BLB, from Ch.No.: 8E-5-400 001	103	H1 993	
	2.0 TDI	11/04-06/08	BPW	103	H5 199	
	2.0 TDI quattro	01/06-06/08	BPW	103	H5 199	
	2.5 TDI	11/04-05/06	BDG	120	H1 961	
	2.7 TDI	11/05-06/08	BSG	120	H1 339	
	2.7 TDI	01/06-06/08	BPP	132	H1 339	
	3.0 TDI quattro	01/06-06/08	ASB	171	H1 339	
	3.0 TDI quattro	11/04-06/08	BKN	150	H1 339	
A4 (8K2, B8)	2.0 TDI	06/08-12/15	CAGC, CJCC	88	H1 339	
	2.0 TDI	11/07-12/15	CAGB, CJC	100	H1 339	
	2.0 TDI	11/07-12/15	CAGA, CMEA, CJCA, CMFA	105	H1 339	
	2.0 TDI quattro	11/08-12/15	CAGA, CJCA	105	H1 339	
	2.0 TDI	05/13-12/15	CMFB, CJCD, CSUA, qty required:3	110	H1 339 *	
	2.0 TDI quattro	05/13-12/15	CJCD, CSUA, qty required:3	110	H1 339 *	
	2.0 TDI	08/08-12/15	CAHB, CGLD,	120	H1 339	
	2.0 TDI	01/08-03/12	CAHA	125	H1 339	
	2.0 TDI quattro	01/08-03/12	CAHA	125	H1 339	
	2.0 TDI	11/11-12/15	CGLC, CMGB	130	H1 339	
	2.0 TDI quattro	11/11-12/15	CGLC	130	H1 339	
	2.0 TDI	09/13-12/15	CNHA, qty required:3	140	H1 339 *	
	2.0 TDI quattro	09/13-12/15	CNHA, qty required:3	140	H1 339 *	
	2.7 TDI	11/07-	CAMB, CGKB	120	H1 339	
	2.7 TDI	11/07-03/12	CAMA, CGKA	140	H1 339	
	3.0 TDI	11/11-12/15	CLAB	150	H1 339	
	3.0 TDI quattro	06/08-05/10	CCWB	155	H1 339	
	3.0 TDI quattro	11/07-03/12	CCLA qty required: 4, CCWA, CAPA qty required:6	176	H1 339 *	
	3.0 TDI quattro	11/11-12/15	CKVB, CKVC qty required:5, CDUC qty required:6	180	H1 339 *	
A4 (8W2, B9)	2.0 TDI	05/16-	DEUC, qty required:3	90	H1 339	
	3.0 TDI quattro	05/15-	CRTC		H1 339	
A4 (8W5, B9)	2.0 TDI quattro	09/16-	DEUA	110	H1 339	
A4 Avant (8 D5, B5)	1.9 TDI	03/96-09/01	AFF	55	H1 659	H1 053 H1 458
	1.9 TDI	02/96-09/01	1Z, AHH, AHU	66	H1 659	H1 053 H1 458
	1.9 TDI	02/96-09/01	AFN, AVG	81	H1 659	H1 053 H1 458
	1.9 TDI quattro	02/96-09/01	AFN, AVG	81	H1 659	H1 053 H1 458
	1.9 TDI	03/00-09/01	AJM	85	H1 659	H1 053 H1 458
	1.9 TDI quattro	03/00-09/01	AJM, ATJ	85	H1 659	H1 053 H1 458
	1.9 DUO	03/98-09/01	AHU	66	H1 659	H1 458
	2.5 TDI	09/97-09/01	AFB, AKN	110	H1 961	
	2.5 TDI quattro	09/97-09/01	AFB, AKN	110	H1 961	

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AUDI

A4 Avant (8 E5, B6)	1.9 TDI	11/01-12/04	AVB	74	H1 659	
	1.9 TDI	06/04-12/04	BKE from Ch.No.: 8E-5-070 251	85	H1 127	
	1.9 TDI	09/01-12/04	AVF, AWX to Ch.No.: 8E-2-148 697	96	H1 659	H1 053
	1.9 TDI	09/01-12/04	AVF, AWX from Ch.No.: 8E-2-148 698	96	H1 121	H1 458
	1.9 TDI quattro	11/01-12/04	AVF, to Ch.No.: 8E-2-148 697	96	H1 659	H1 053
	1.9 TDI quattro	11/01-12/04	AVF, AWX from Ch.No.: 8E-2-148 698	96	H1 121	H1 458
	2.5 TDI	09/01-07/02	AYM	114	H1 961	
	2.5 TDI	07/02-12/04	BCZ, BDG, BFC	120	H1 961	
	2.5 TDI quattro	09/01-12/04	AKE, BAU, BDH	132	H1 961	
A4 Avant (8 ED, B7)	1.9 TDI	11/04-06/08	BKE from Ch.No.: 8E-5-070 251,	85	H1 127	
	1.9 TDI	11/04-06/08	BRB	85	H5 199	
	2.0 TDI	11/05-11/06	BVF	93	H5 122	
	2.0 TDI	11/04-06/08	BNA, from Ch.No.: 8E-5-400 001	100	H1 993	
	2.0 TDI	11/04-06/08	BRF	100	H5 122	
	2.0 TDI 16V	11/04-06/08	BLB	103	H1 993	
	2.0 TDI 16V	11/04-06/08	BRE	103	H5 122	
	2.0 TDI	11/04-06/08	BPW	103	H5 199	
	2.0 TDI quattro	01/06-06/08	BPW	103	H5 199	
	2.0 TDI	06/06-06/08	BRD	125	H5 122	
	2.0 TDI quattro	06/06-06/08	BRD	125	H5 122	
	2.5 TDI	11/04-05/06	BDG	120	H1 961	
	2.7 TDI	11/05-03/08	BSG	120	H1 339	
	2.7 TDI	01/06-06/08	BPP	132	H1 339	
	3.0 TDI quattro	11/04-06/08	BKN	150	H1 339	
	3.0 TDI quattro	11/04-06/08	ASB	171	H1 339	
A4 Avant (8K5, B8)	2.0 TDI	06/08-12/15	CAGC, CJCC	88	H1 339	
	2.0 TDI	04/08-12/15	CAGB, CJCB	100	H1 339	
	2.0 TDI	04/08-12/15	CAGA, CMEA, CJCA, CMFA	105	H1 339	
	2.0 TDI quattro	04/08-12/15	CAGA, CJCA	105	H1 339	
	2.0 TDI	05/13-12/15	CMFB, CJCD, CSUA, qty required:3	110	H1 339 *	
	2.0 TDI quattro	05/13-12/15	CJCD, CSUA, qty required:3	110	H1 339 *	
	2.0 TDI	08/08-12/15	CAHB, CGLD	120	H1 339	
	2.0 TDI	04/08-03/12	CAHA	125	H1 339	
	2.0 TDI quattro	08/08-03/12	CAHA	125	H1 339	
	2.0 TDI	11/11-12/15	CGLC	130	H1 339	
	2.0 TDI quattro	11/11-12/15	CGLC	130	H1 339	
	2.0 TDI	09/13-12/15	CNHA, qty required:3	140	H1 339 *	
	2.0 TDI quattro	09/13-12/15	CNHA, qty required:3	140	H1 339 *	
	2.0 TDI	04/16-	DEUC, qty required:3	90	H1 339	
	2.7 TDI	06/08-03/12	CAMB, CGKB	120	H1 339	
	2.7 TDI	04/08-03/12	CAMA, CGKA	140	H1 339	
	3.0 TDI	11/11-12/15	CLAB	150	H1 339	
	3.0 TDI quattro	06/08-	CCWB	155	H1 339	
	3.0 TDI quattro	04/08-03/12	CCLA qty required:4, CCWA, CAPA, qty required:6	176	H1 339 *	
	3.0 TDI quattro	11/11-12/15	CKVB, CKVC qty required:5, CDUC, qty required:6	180	H1 339 *	

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A4 Avant (8WH, B9)	2.0 TDI quattro	09/16-	DEUA	110	H1 339
A4 Allroad (8KH, B8)	2.0 TDI quattro	09/09-05/16	CAGB, CJCB	100	H1 339
	2.0 TDI quattro	09/09-05/16	CAGA, CJCA	105	H1 339
	2.0 TDI quattro	05/13-05/16	CJCD qty required:3	110	H1 339 *
	2.0 TDI quattro	04/09-05/16	CAHB, CGLD	120	H1 339
	2.0 TDI quattro	04/09-05/16	CAHA	125	H1 339
	2.0 TDI quattro	11/11-05/16	CGLC	130	H1 339
	2.0 TDI quattro	09/13-05/16	CNHA qty required:3	140	H1 339 *
	3.0 TDI quattro	04/09-	CCWA	176	H1 339
	3.0 TDI quattro	01/12-05/16	CKVB, CKVC qty required:5, CDUC	180	H1 339 *
	2.0 L	07/16-	CNHA	140	H1 339
	3.0 L	07/16-	CRTC	200	H1 339
	3.0 L	07/16-	CSWB	160	H1 339
A4 Allroad (8WH, B9)	2.0 TDI quattro	01/16-	DESA, DETA, DFVA	140	H1 339
	2.0 TDI quattro	05/16-	DETB	120	H1 339
	3.0 TDI quattro	01/16-	CSWB	160	H1 339
	3.0 TDI quattro	01/16-	CRTC	200	H1 339
A4 Convertible (8 H7, 8 HE)	2.0 TDI	01/06-03/09	BPW	103	H5 199
	2.0 TDI	01/06-03/09	BRC	100	H5 199
	2.5 TDI	08/02-12/05	BCZ, BDG, BFC	120	H1 961
	2.7 TDI	06/06-03/09	BPP	132	H1 339
	3.0 TDI quattro	01/06-03/09	BKN	150	H1 339
	3.0 TDI quattro	01/06-03/09	ASB	171	H1 339
A4 Estate	2.0 L	01/08-12/11	CJCB	99	H1 339
	2.0 L	09/15-	DBPA, DESA, DETA, DFVA	140	H1 339
	2.0 L	09/15-	DEUA	110	H1 339
	2.0 L	09/15-	DESA, DETA, DFVA	140	H1 339
	2.0 L	09/15-	DETA	140	H1 339
	3.0 L	09/15-	CRTC	200	H1 339
	3.0 L	09/15-	CSWB	160	H1 339
A4 Saloon	2.0 L	01/08-12/11	CJCB	99	H1 339
	2.0 L	09/15-	DEUA	110	H1 339
	2.0 L	09/15-	DBPA, DESA, DETA, DFVA	140	H1 339
	2.0 L	09/15-	DETA	140	H1 339
	2.0 L	09/15-	DESA, DETA, DFVA	140	H1 339
	3.0 L	09/15-	CRTC	200	H1 339
	3.0 L	09/15-	CSWB	160	H1 339
A5 (8T3)	2.0 TDI	08/08-	CAHB, CGLD	120	H1 339
	2.0 TDI	08/08-	CAHA	125	H1 339
	2.0 TDI quattro	08/08-	CAHA	125	H1 339
	2.0 TDI	10/11-	CGLC	130	H1 339
	2.0 TDI quattro	12/11-	CGLC	130	H1 339
	2.0 TDI	09/13-	CNHA, qty required:3	140	H1 339 *
	2.0 TDI quattro	09/13-	CNHA, qty required:3	140	H1 339 *
	2.7 TDI	09/07-	CAMB, CGKB	120	H1 339
	2.7 TDI	06/07-	CAMA, CGKA	140	H1 339
	3.0 TDI	10/11-	CLAB	150	H1 339

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**AUDI**

A5 (8T3)	3.0 TDI quattro	03/08-	CCWB	155	H1 339	
	3.0 TDI quattro	06/07-	CAPA, CCWA	176	H1 339	
	3.0 TDI quattro	10/11-	CKVB, CKVC qty required:5, CDUC	180	H1 339	
A5 (F53)	2.0 TDI quattro	10/16	DESA, DETA, DFVA	140	H1 339	
	3.0 TDI	11/16	CSWB	160	H1 339	
A5 Convertible (8F)	2.0 TDI	10/11-	CJCA	105	H1 339	
	2.0 TDI	05/09-	CAHB, CGLD	120	H1 339	
	2.0 TDI	05/09-	CAHA	125	H1 339	
	2.0 TDI	10/11-	CGLC	130	H1 339	
	2.0 TDI quattro	12/11-	CGLC	130	H1 339	
	2.0 TDI	09/13-	CNHA, qty required:3	140	H1 339 *	
	2.0 TDI quattro	09/13-	CNHA, qty required:3	140	H1 339 *	
	2.0 TDI	05/13-	CJCD, qty required:3	150	H1 339 *	
	2.7 TDI	05/09-	CGKB	120	H1 339	
	2.7 TDI	03/09-	CGKA	140	H1 339	
	3.0 TDI	10/11-	CLAB	150	H1 339	
	3.0 TDI quattro	03/09-	CCWA	176	H1 339	
	3.0 TDI quattro	10/11-	CDUC	180	H1 339	
A5 Sportback (8TA)	2.0 TDI	09/09-	CAGB, CJCB	100	H1 339	
	2.0 TDI	09/09-	CAGA, CMEA, CJCA, CMFA	105	H1 339	
	2.0 TDI	05/13-	CJCD qty required:3	110	H1 339 *	
	2.0 TDI	09/09-	CAHB, CGLD	120	H1 339	
	2.0 TDI	09/09-	CAHA	125	H1 339	
	2.0 TDI quattro	09/09-	CAHA	125	H1 339	
	2.0 TDI	10/11-	CGLC	130	H1 339	
	2.0 TDI quattro	12/11-	CGLC	130	H1 339	
	2.0 TDI	09/13-	CNHA, qty required:3	140	H1 339 *	
	2.0 TDI quattro	09/13-	CNHA, qty required:3	140	H1 339 *	
	2.7 TDI	09/09-	CGKB	120	H1 339	
	2.7 TDI	09/09-	CGKA	140	H1 339	
	3.0 TDI	10/11-	CLAB	150	H1 339	
	3.0 TDI quattro	09/09-	CCWA	176	H1 339	
	3.0 TDI quattro	10/11-	CKVB, CKVC qty required:5, CDUC	180	H1 339 *	
A5 Sportback (F5A)	2.0 TDI	09/16-	DESA, DETA	140	H1 339	
	2.0 TDI quattro	10/16-	DESA, DETA	140	H1 339	
	3.0 TDI	03/17	CSWB	160	H1 339	
	3.0 TDI quattro	09/16	CSWB	160	H1 339	
A6 (4A, C4)	1.9 TDI	06/94-10/97	1Z, AHU	66	H1 659	H1 053 H1 458
	2.5 TDI	01/95-10/97	AAT	84	H1 659	
	2.5 TDI	06/94-10/97	AAT	85	H1 659	
	2.5 TDI	08/94-10/97	AEL	103	H1 659	
	2.5 TDI quattro	10/95-10/97	AEL	103	H1 659	
	1.9 TDI	04/97-10/00	AFN, AVG	81	H1 659	H1 053 H1 458
	1.9 TDI	07/00-01/05	AJM	85	H1 659	H1 053 H1 458

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A6 (4B, C5)	1.9 TDI	08/01-01/05	AVF, AWX	96	H1 659	H1 053 H1 458
	2.5 TDI	07/97-01/05	AFB, AKN	110	H1 961	
	2.5 TDI quattro	07/97-01/05	AFB, AKN	110	H1 961	
	2.5 TDI	08/01-01/05	AYM	114	H1 961	
	2.5 TDI	07/02-01/05	BCZ, BDG, BFC	120	H1 961	
	2.5 TDI	02/00-01/05	AKE, BAU, BDH, BND	132	H1 961	
A6 (4F2, C6)	2.5 TDI quattro	02/00-01/05	AKE, BAU, BDH	132	H1 961	
	2.0 TDI	07/04-03/11	BNA	100	H1 993	
	2.0 TDI	07/04-03/11	CAGB	100	H1 339	
	2.0 TDI	07/04-03/11	BRF	100	H5 122	
	2.0 TDI	07/04-10/08	BLB, from Ch.No.: 4F-5-000 001	103	H1 993	
	2.0 TDI	07/04-10/08	BRE	103	H5 122	
	2.0 TDI	04/09-03/11	CAHB	120	H1 339	
	2.0 TDI	11/08-03/11	CAHA	125	H1 339	
	2.7 TDI	11/04-03/11	BSG, CANB, CAND Eng. No. 4F-5-028-001 →	120	H1 339	
	2.7 TDI quattro	06/05-	BSG, CANB, CAND	120	H1 339	
	2.7 TDI	11/04-10/08	BPP Eng. No. 4F-5-028-001 →	132	H1 339	
	2.7 TDI quattro	11/04-10/08	BPP Eng. No. 4F-5-028-001 →	132	H1 339	
	2.7 TDI	10/08-03/11	CANA	140	H1 339	
	2.7 TDI quattro	10/08-03/11	CANC	140	H1 339	
	3.0 TDI quattro	05/04-03/11	BNG, CDYB Eng. No. F4-F5-028 001 →	155	H1 339	
	3.0 TDI quattro	05/04-05/06	BMK Eng. No. F4-F5-028 001 →	165	H1 339	
	3.0 TDI	06/06-03/11	ASB Eng. No. F4-F5-028 001 →	171	H1 339	
	3.0 TDI quattro	06/06-10/08	ASB Eng. No. F4-F5-028 001 →	171	H1 339	
	3.0 TDI quattro	10/08-03/11	CDYA, CDYC	176	H1 339	
A6 (4G2, C7)	2.0 TDI	01/12-05/14	CGLE	100	H1 339	
	2.0 TDI	09/14-	CSUD, qty required:3	110	H1 339 *	
	2.0 TDI	05/09-	CGLD	120	H1 339	
	2.0 TDI	03/11-	CGLD, qty required:3	120	H1 339 *	
	2.0 TDI	03/11-	CGLC, CMGB	130	H1 339	
	2.0 TDI	11/13-	CNHA, qty required:3	140	H1 339 *	
	2.0 TDI quattro	04/15-	CNHA	140	H1 339	
	3.0 V6 TDI	04/11-	CLAA, CLAB,	150	H1 339	
	3.0 TDI	09/14-	CTCB	155	H1 339	
	3.0 TDI quattro	09/14-	CRTF	155	H1 339	
	3.0 TDI	09/14-	CTCC	160	H1 339	
	3.0 TDI quattro	09/14-	CRTE	160	H1 339	
	3.0 TDI quattro	05/13-	CPNB, qty required:3	176	H1 339 *	
	3.0 V6 TDI	04/11-	CDUC	180	H1 339	
	3.0 TDI quattro	09/14-	CRTD	200	H1 339	
	3.0 BiTDI	03/11-	CGQB	230	H1 339	
	3.0 TDI quattro	09/14-	CVUA	235	H1 339	
	3.0 TDI quattro	09/14-	CVUB	240	H1 339	
	3.0 TDI	11/10-	CLAB	150	H1 339	
	3.0 TDI	05/09-	CLAB	150	H1 339	
	3.0 TDI quattro	05/09-	CLAA	150	H1 339	

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A6 (4G2, C7)	3.0 TDI quattro	05/09-	CDUC, CDUD	180	H1 339	
	3.0 TDI quattro	03/11-	CKVB, CKVC qty required:5, CDUC, CDUD	180	H1 339	
	3.0 TDI quattro	03/11-	CLAA	150	H1 339	
	3.0 TDI quattro	05/09-	CKVB, CKVC	180	H1 339	
	3.0 TDI quattro	11/11-	CGQB	230	H1 339	
A6 Avant (4A, C4)	1.9 TDI	06/94-12/97	1Z, AHU	66	H1 659	H1 053 H1 458
	2.5 TDI	01/95-12/97	AAT	84	H1 659	
	2.5 TDI	06/94-12/97	AAT	85	H1 659	
	2.5 TDI	08/94-12/97	AEL	103	H1 659	
	2.5 TDI quattro	07/95-12/97	AEL	103	H1 659	
A6 Avant (4B, C5)	1.9 TDI	02/98-04/01	AFN, AVG	81	H1 659	H1 053 H1 458
	1.9 TDI	07/00-01/05	AJM	85	H1 659	H1 053 H1 458
	1.9 TDI	08/01-01/05	AVF, AWX	96	H1 659	
	2.5 TDI	12/97-01/05	AFB, AKN	110	H1 961	
	2.5 TDI quattro	12/97-01/05	AFB, AKN	110	H1 961	
	2.5 TDI	08/01-01/05	AYM	114	H1 961	
	2.5 TDI	07/02-01/05	BCZ, BDG, BFC	120	H1 961	
	2.5 TDI	02/00-01/05	AKE, BAU, BDH	132	H1 961	
	2.5 TDI quattro	02/00-01/05	AKE, BAU, BDH	132	H1 961	
	2.0 TDI	09/05-06/06	BVG	89	H5 122	
	2.0 TDI	06/05-08/11	BNA,	100	H1 993	
	2.0 TDI	06/05-08/11	CAGB	100	H1 339	
	2.0 TDI	06/05-08/11	BRF	100	H5 122	
A6 Avant (4F5, C6)	2.0 TDI	06/05-10/08	BLB, → Eng. No. 4B-5-050-000	103	H1 121	
	2.0 TDI	06/05-10/08	BLB, from Ch.No.: 4F-5-000 001	103	H1 993	
	2.0 TDI	06/05-10/08	BRE	103	H5 122	
	2.0 TDI	04/09-08/11	CAHB	120	H1 339	
	2.0 TDI	10/08-08/11	CAHA	125	H1 339	
	2.7 TDI	03/05-08/11	BSG, Eng. No. 4F-5-028-001 → CANB, CAND	120	H1 339	
	2.7 TDI quattro	06/05-08/11	BSG, Eng. No. 4F-5-028-001 → CANB, CAND	120	H1 339	
	2.7 TDI	03/05-10/08	BPP Eng. No. 4F-5-028-001→	132	H1 339	
	2.7 TDI quattro	03/05-10/08	BPP Eng. No. 4F-5-028-001→	132	H1 339	
	2.7 TDI	10/08-08/11	CANA	140	H1 339	
	2.7 TDI quattro	10/08-08/11	CANC	140	H1 339	
	3.0 TDI quattro	03/05-	BNG → Eng. No. 4F-5-028-000	155	H1 961	
	3.0 TDI quattro	03/05-08/11	BNG Eng. No. 4F-5-028-001 →	155	H1 339	
	3.0 TDI quattro	03/05-05/06	BMK → Eng. No. 4F-5-028-000	165	H1 961	
	3.0 TDI quattro	03/05-05/06	BMK Eng. No. 4F-5-028-001 →	165	H1 339	
	3.0 TDI	06/06-	ASB → Eng. No. 4E-5-003-300	171	H1 961	
	3.0 TDI quattro	06/06-10/08	ASB Eng. No. 4E-5-003-300 →	171	H1 339	
	3.0 TDI quattro	10/08-08/11	CDYA, CDYC	176	H1 339	
	2.0 TDI	01/12-	CGLE	100	H1 339	
	2.0 TDI	09/14-	CSUD, qty required:3	110	H1 339 *	
	2.0 TDI	05/11-	CGLD	120	H1 339	

* ONLY FOR CYLINDER WITHOUT PRESSURE SENSOR!



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**AUDI**

A6 Avant (4G5, C7)	2.0 TDI	05/11-	CGLC, CMGB	130	H1 339
	2.0 TDI	11/13-	CNHA qty required:3	140	H1 339 *
	2.0 TDI quattro	04/15-	CNHA	140	H1 339 *
	3.0 TDI	05/11-	CLAB	150	H1 339
	3.0 TDI quattro	05/11-	CLAA	150	H1 339
	3.0 TDI	09/14-	CTCB	155	H1 339
	3.0 TDI quattro	09/14-	CRTF	155	H1 339
	3.0 TDI	09/14-	CTCC	160	H1 339
	3.0 TDI quattro	09/14-	CRTE	160	H1 339
	3.0 TDI quattro	05/11-	CKVB, CKVC qty required:5, CDUC, CDUD	180	H1 339
	3.0 TDI quattro	09/14-	CRTD	200	H1 339
	3.0 TDI quattro	11/11-	CGQB	230	H1 339
	3.0 TDI quattro	09/14-	CVUA	235	H1 339
	3.0 TDI quattro	09/14-	CVUB	240	H1 339
A6 Allroad (4FH)	2.7 TDI quattro	05/06-08/11	BSG, CAND	120	H1 339
	2.7 TDI quattro	05/06-10/08	BPP	132	H1 339
	2.7 TDI quattro	10/08-	CANC	140	H1 339
	3.0 TDI quattro	05/06-	BNG → Eng. No. 4E-5-003-300	155	H1 961
	3.0 TDI quattro	05/06-	BNG Eng. No. 4E-5-003-300 →	155	H1 339
	3.0 TDI quattro	05/06-	ASB → Eng. No. 4E-5-003-300	171	H1 961
	3.0 TDI quattro	05/06-	ASB Eng. No. 4E-5-003-300 →	171	H1 339
	3.0 TDI quattro	10/08-	CDYA, CDYC	176	H1 339
A6 Allroad (4GH)	3.0 TDI quattro	01/12-	CLAA	150	H1 339 *
	3.0 TDI quattro	09/14-	CRTF	155	H1 339
	3.0 TDI quattro	09/14-	CRTE	160	H1 339
	3.0 TDI quattro	01/12-	CDUD, CKVC, qty required:5	180	H1 339
	3.0 TDI quattro	09/14-	CRTD	200	H1 339
	3.0 TDI quattro	01/12-	CGQB	230	H1 339
	3.0 TDI quattro	01/12-	CVUA	235	H1 339
	3.0 L	10/14-	CVUA	236	H1 339
A7 Sportback (4GA)	3.0 TDI	11/10-	CLAB	150	H1 339
	3.0 TDI quattro	12/10-	CLAA	150	H1 339
	3.0 TDI quattro	07/14-	CRTF, CTCB	155	H1 339
	3.0 TDI	07/14-	CTCC	160	H1 339
	3.0 TDI quattro	07/14-	CRTE	160	H1 339
	3.0 TDI quattro	05/13-	CPNB, qty required:5	176	H1 339 *
	3.0 TDI quattro	07/10-	CDTA	184	H1 339
	3.0 TDI quattro	10/10-	CKVB, CKVC qty required:5, CDUC, CDUD	180	H1 339
	3.0 TDI quattro	05/14-	CRTD	200	H1 339
	3.0 TDI quattro	11/11-	CGQB	230	H1 339
	3.0 TDI quattro	05/14-	CVUA	235	H1 339
	3.0 TDI quattro	09/14-	CVUB	240	H1 339
A8 (4D2, 4D8)	2.5 TDI	01/97-04/00	AFB, AKN	110	H1 961
	2.5 TDI quattro	07/97-04/00	AFB, AKN	110	H1 961
	2.5 TDI	09/00-09/02	AKE	132	H1 961
	2.5 TDI quattro	09/00-09/02	AKE	132	H1 961
	3.3 TDI quattro	06/00-09/02	AKF	165	H1 961

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A8 (4E)	3.0 TDI quattro	11/03-07/10	BNG Eng. No. 4E-5-003-300 →	155	H1 961	
	3.0 TDI quattro	11/03-07/10	BNG Eng. No. 4E-5-003-301 →	155	H1 339	
	3.0 TDI quattro	08/03-07/10	ASB from Ch.No.: 4E-5-003 301	171	H1 339	
	4.0 TDI quattro	05/03-07/05	ASE	202	H1 961	
	4.2 TDI quattro	07/05-07/10	BMC	235	H1 339	
	4.2 TDI quattro	07/05-07/10	BVN	240	H1 339	
A8 (4H)	3.0 TDI	09/11-	CLAB	150	H1 339	
	3.0 TDI quattro	08/10-	CDTB	155	H1 339	
	3.0 TDI quattro	11/12-	CPNA, qty required:5	176	H1 339 *	
	3.0 TDI quattro	07/10-	CDTA, CMHA, qty required:5	184	H1 339	
	3.0 TDI quattro	10/13-	CTBA	190	H1 339	
	4.2 TDI quattro	11/09-	CDSB	258	H1 339	
	4.2 TDI quattro	10/13-	CTEC	283	H1 339	
A8	3.0 L Limousine	10/13-	CTBD	192	H1 339	
	3.0 L Saloon	10/13-	CTBD	192	H1 339	
Allroad (4 BH, C5)	2.5 TDI quattro	05/03-08/05	BCZ	120	H1 961	
	2.5 TDI quattro	05/00-08/05	AKE, BAU	132	H1 961	
Audi 80	1.6 D	08/80-08/86	CR, JK	40	H1 657	H1 053
	1.6 TD	08/81-05/86	CY	51	H1 657	H1 053
	1.6 D	09/86-08/91	JK	40	H1 657	H1 053
	1.6 TD	09/86-08/91	RA, SB	59	H1 657	H1 053
	1.9 D	08/89-08/91	1Y	50	H1 657	H1 053
	1.9 TD	09/91-12/94	AAZ	55	H1 657	H1 053
	1.9 TDI	09/91-12/94	1Z	66	H1 659	H1 458 H1 053
Audi 80 Avant	1.9 TD	09/91-12/94	AAZ	55	H1 657	H1 053
	1.9 TDI	07/92-01/96	1Z	66	H1 659	H1 458 H1 053
Audi 90	1.6 TD	10/85-01/87	CY	51	H1 657	
	1.6 TD	04/87-09/91	RA, SB	59	H1 657	H1 053
Audi 100	2.0 D	08/78-07/82	CN	51	H1 657	H1 053
	2.0 D	08/82-07/88	CN	51	H1 657	H1 053
	2.0 D Turbo	08/82-02/88	DE	64	H1 657	H1 053
	2.0 D Turbo	03/88-11/90	NC	74	H1 657	H1 053
	2.4 D	08/89-07/91	3D	60	H1 657	H1 053
	2.5 TDI	01/90-11/90	1T	88	H1 659	
	2.4 D	12/90-06/94	AAS	60	H1 657	
	2.5 TDI	12/90-06/94	AAT, ABP	85	H1 659	
Audi 100 Avant	2.0 D	08/78-02/83	CN	51	H1 657	H1 053
	2.0 D	03/83-11/90	CN	51	H1 657	H1 053
	2.0 TD	03/83-10/87	DE	64	H1 657	H1 053
	2.0 TD	03/88-11/90	NC	74	H1 657	H1 053
	2.4 D	08/89-11/90	3D	60	H1 657	H1 053
	2.5 TDI	01/90-11/90	1T	88	H1 659	
	2.4 D	12/90-06/94	AAS	60	H1 657	H1 053
	2.5 TDI	12/90-06/94	AAT, ABP	85	H1 659	
Q3 (U8)	2.0 TDI	09/11-	CFFA, qty required:3	100	H1 339	

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Q3 (U8)	2.0 TDI quattro	01/12-	CFFB, qty required:3	103	H1 339
	2.0 TDI quattro	06/11-	CFGC, CLLB, qty required:3	130	H1 339
	2.0 TDI	09/11-	CFFB, CLJA, qty required:3	103	H1 339
	2.0 TDI	05/13-	CFGC, qty required:3	130	H1 339
Q5 (8R)	2.0 TDI quattro	08/09-	CAGB, CJCB	100	H1 339
	2.0 TDI	11/10-	CJCB	100	H1 339
	2.0 TDI quattro	08/09-	CAGA, CJCA	105	H1 339
	2.0 TDI	11/10-	CJCA	105	H1 339
	2.0 TDI	05/13-	CJCD, CSUA, qty required:3	110	H1 339 *
	2.0 TDI quattro	05/13-	CJCD, CSUA, qty required:3	110	H1 339 *
	2.0 TDI quattro	11/08-	CAHB, CGLA, CGLD	120	H1 339
	2.0 TDI quattro	11/08-	CAHA, CGLB, CMGA	125	H1 339
	2.0 TDI quattro	06/12-	CGLC, CMGB	130	H1 339
	2.0 TDI quattro	11/13-	CNHA, qty required:3	140	H1 339
	3.0 TDI quattro	11/08-	CCWB	155	H1 339
	3.0 TDI	06/12-	CDUD	180	H1 339
	3.0 TDI quattro	06/12-	CTBC	184	H1 339
	3.0 TDI quattro	11/08-	CCWA	176	H1 339
	3.0 TDI quattro	11/13-	CTBA	190	H1 339
	SQ5 3.0 TDI quattro	12/12-	CGQB	230	H1 339
	SQ5 3.0 TDI quattro	04/15-	CVUB	240	H1 339
	2.0 L	11/16-	CNHA	140	H1 339
Q5 (FY)	2.0 TDI	01/17-	DEUA	110	H1 339
	2.0 TDI	01/17-	DEUB	100	H1 339
	2.0 TDI quattro	01/17-	DETB	120	H1 339
	2.0 TDI quattro	01/17-	DESA, DETA	140	H1 339
Q7 (4L)	3.0 TDI	05/10-	CJMA, CJGC	150	H1 339
	3.0 TDI	03/06-05/10	BUN, CASB	155	H1 339
	3.0 TDI	06/09-05/12	CATA, qty required:4	165	H1 339
	3.0 TDI	03/06-05/08	BUG	171	H1 339
	3.0 TDI	11/07-08/15	CASA, CCMA, CJGA, CNRB	176	H1 339
	3.0 TDI	05/11-	CJGD, CRCA, CLZB	180	H1 339
	4.2 TDI	03/07-06/09	BTR	240	H1 339
	4.2 TDI	05/09-	CCFA, CCFC	250	H1 339
	6.0 TDI	09/08-	CCGA	368	H1 339
	3.0 L	05/15-	CZZA, CZZB	160	H1 339
Q7 (4M)	SQ7 TDI quattro	04/16-	CZAC	320	H1 339
TT	2.0 TDI quattro	06/08-06/14	CBBB, CFGB	125	H1 339
	2.0 TDI	07/14-	CUNA, qty required:3	135	H1 339
TT Roadster	2.0 TDI quattro	06/08-	CBBB, CFGB	125	H1 339
	2.0 TDI	07/14-	CUNA, qty required:3	135	H1 339
TT (FV3)	2.0 TDI	07/14-	CUNA	135	H1 339 *
TT Roadster (FV9)	2.0 TDI	11/14-	CUNA	135	H1 339 *

AUDI (USA)

4000	1982 - 1984	L4 1.6L DIESEL	H1 657
	1982	L4 1.6L DIESEL TURBO	H1 657
4000 CS	1982 - 1984	L4 1.6L DIESEL	H1 657

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**AUDI (USA)**

4000 CS	1982	L4 1.6L DIESEL TURBO	H1 657
4000 S	1982 - 1983	L4 1.6L DIESEL	H1 657
	1982	L4 1.6L DIESEL TURBO	H1 657
4000 S (Canada)	1984	L4 1.6L DIESEL	H1 657
5000	1979 - 1980	L5 2.0L DIESEL	H1 804
	1981	L5 2.0L DIESEL	H1 657
	1982 - 1983	L5 2.0L DIESEL TURBO	H1 657
5000 (Canada)	1984 - 1985	L5 2.0L DIESEL TURBO	H1 657
5000 S	1980	L5 2.0L DIESEL	H1 804
	1981	L5 2.0L DIESEL	H1 657
	1982 - 1985	L5 2.0L DIESEL TURBO	H1 657
5000 S Quattro	1980	L5 2.0L DIESEL	H1 804
	1981	L5 2.0L DIESEL	H1 657
	1982 - 1985	L5 2.0L DIESEL TURBO	H1 657

BEDFORD (GB)

Blitz	2.0 D	10/80-10/83		44	H1 656
	2.1 D	09/81-10/87	21D	44	H0 614
	2.3 D	01/73-10/87	23D	46	H1 656
MIDI Kasten	2.2 D	06/88-08/92	22DIE	45	H0 710
	2.2 D	06/88-08/92	22DIE	45	H1 691

BERTONE (I)

Freeclimber	2.4 TD	06/89-12/93	85	H1 792
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1 (E81, E87)	116 d	11/08-09/12	N47 D20 A/ N47 D20 C	85	H5 210
	118 d	09/04-	M 47 N 204 D4	90	H1 118
	118 d	11/03-09/12	M 47 N 204 D4	100	H1 118
	118 d	11/03-09/12	M 47 D20 204 D4	105	H1 118
	118 d	09/06-09/12	N47 D20 A/ N47 D20 C	105	H5 210
	120 d	09/04-	M 47 N 204 D4,	120	H1 118
	120 d	03/07-	M 47 N 204 D4	130	H1 118
	120 d	03/07-09/12	N47 D20 A/ N47 D20 C	120	H5 210
	120 d	09/06-09/12	N47 D20 A/ N47 D20 C	130	H5 210
	123 d	03/07-09/12	N47 D20 B/ N47 D20 D	150	H5 210
	116 d	12/08-09/12	N47 D20 A	85	H5 210
	118 d	11/03-09/12	N47 D20 (204 D4) / N47 D20 A /N47 D20 C	105	H5 210
	120 d	11/03-09/12	N47 D20 (204 D4) / N47 D20 A /N47 D20 C	130	H5 210
	120 d	11/03-09/12	N47 D20 (204 D4) / N47 D20 A /N47 D20 C	120	H5 210
	123d	03/07-09/12	N47 D20 B / N47 D20 C /N47 D20 D	150	H5 210
1 (F20)	114 d	10/12-	N47 D16 A	70	H5 210
	116 d	11/12-	N47 D16 A	85	H5 210
	116 d	12/10-	N47 D20 C	85	H5 210
	118 d	12/10-	N47 D20 C	105	H5 210
	118 d	12/10-	N47 D20 C	100	H5 210
	118 d	03/15-	B47 D20 A	110	H5 210
	118 d xDrive	03/15-	B47 D20 A	110	H5 210
	118 d xDrive	07/13-	N47 D20 C	105	H5 210
	120 d	12/10-	N47 D20 C	135	H5 210



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1 (F20)	120 d	03/15-	B47 D20 A	140	H5 210
	120 d	12/10-	N47 D20 C	120	H5 210
	120 d	01/11-	N47 D20 C	147	H5 210
	120 d xDrive	02/12-	N47 D20 C	135	H5 210
	120 d xDrive	01/11-	N47 D20 C	147	H5 210
	120 d xDrive	03/15-	B47 D20 A	140	H5 210
	125 d	08/11-	N47 D20 D	160	H5 210
	125 d	03/15-	B47 D20 B	165	H5 210
	125 d	08/11-	N47 D20 D	155	H5 210
1 (F21)	114 d	07/12-	N47 D16 A	70	H5 210
	116 d	12/11-	N47 D16 A	85	H5 210
	116 d	01/12-	N47 D20 C	85	H5 210
	118 d	12/11-	N47 D20 C	100	H5 210
	118 d	03/15-	B47 D20 A	110	H5 210
	118 d	12/11-	N47 D20 C	105	H5 210
	118 d xDrive	05/13-	N47 D20 C	105	H5 210
	118 d xDrive	03/15-	B47 D20 A	110	H5 210
	120 d	07/12-	N47 D20 C	120	H5 210
	120 d	07/12-	N47 D20 C	135	H5 210
	120 d	03/15-	B47 D20 A	140	H5 210
	120 d	01/12-	N47 D20 C	147	H5 210
	120 d xDrive	02/12-	N47 D20 C	135	H5 210
	120 d xDrive	01/12-	N47 D20 C	147	H5 210
	120 d xDrive	03/15-	B47 D20 A	140	H5 210
	125 d	12/11-	N47 D20 D	160	H5 210
	125 d	03/15-	B47 D20 B	165	H5 210
	125 d	12/11-	N47 D20 D	155	H5 210
1 Coupe (E82)	118 d	09/09-10/13	N47 D20 C	100	H5 210
	118 d	09/09-10/13	N47 D20 C	105	H5 210
	120 d	10/07-10/13	N47 D20 A / N47 D20 C	130	H5 210
	123 d	10/07-10/13	N47 D20 B/ N47 D20 D	150	H5 210
1 Convertible (E88)	118 d	09/08-12/13	N47 D20 A / N47 D20 C	105	H5 210
	118 d	03/08-12/13	N47 D20 A / N47 D20 C	130	H5 210
	120 d	09/08-12/13	N47 D20 C	145	H5 210
	123 d	03/08-12/13	N47 D20 B/ N47 D20 D	150	H5 210
2 Active Tourer (F45)	218 d	09/14-	B47 C20 A	110	H5 210
	218 d xDrive	11/15-	B47 C20 A	110	H5 210
	220 d	11/14-	B47 C20 A / B47 D20 A	140	H5 210
	220 xDrive	11/14-	B47 D 20 A	140	H5 210
2 Coupe (F22, F87)	218 d	07/15-	B47 D 20 A	110	H5 210
	218 d	01/14-	N47 D20 C	105	H5 210
	220 d	11/14-	B47 D 20 A	140	H5 210
	220 d	10/13-	N47 D20 C	135	H5 210
	220 d	03/14-	N47 D20 C	147	H5 210
	220 xDrive	03/15-	B47 D20 A	140	H5 210
	225 d	07/15-	B47 D20 B	165	H5 210
	225 d	01/14-	N47 D20 D	160	H5 210



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2 Gran Tourer (F46)	218 d	03/15-	B47 C20 A	110	H5 210
	218 d xDrive	03/15-	B47 C20 A	110	H5 210
	220 d	07/15-	B47 C20 A	140	H5 210
	220 xDrive	03/15-	B47 C20 A	140	H5 210
2 Convertible (F23)	218 d	07/15-	B47 D 20 A	110	H5 210
	220 d	11/14-	B47 D 20 A	140	H5 210
	225 d	07/15-	B47 D 20 B	165	H5 210
3 (E30)	324 d	09/85-08/91	M 21 D 24 W	63	H1 002
	324 td	09/87-08/91	M 21 D 24 WA, M 21 D 24	85	H1 792
3 (E36)	318 tds	01/95-02/98	M 41 D 18	66	H1 792
	325 td	09/91-02/98	M 51 D 25	85	H1 792
	325 tds	05/93-02/98	M 51 D 25 (Inter.)	105	H1 792
3 (E46)	318 d	09/01-03/03	M 47 204 D1	85	H1 118
	318 d	09/01-03/03	M 47 D20	85	H1 119
	318 d	03/03-02/05	M 47 N 204 D4	85	H1 118
	320 d	04/98-09/01	M 47 D 20, M 47 204 D1	100	H1 119
	320 d	09/01-04/05	M47 D20 (204D1) for OE No.: 12 23 7 786 869	95	H1 118
	320 d	02/98-09-01	M47 D20 (204D1) for OE No.: 12 23 2 248 059	95	H1 119
	320 d	09/01-02/05	M 47 N 204 D4	110	H1 118
	330 d	10/99-02/05	M 57 D 30	135	H1 119
	330 d	03/03-02/05	M 57 D30 (306 D2)	150	H1 118
	330 xd	03/03-02/05	M 57 D30 (306D2)	150	H1 118
3 (E90)	316 d	07/09-12/11	N47 D20 C	85	H5 210
	318 d	09/05-12/11	M 47 N 204 D4	90	H1 118
	318 d	07/07-12/11	N47 D20 C	100	H5 210
	318 d	09/05-12/100	N47 D20 A / N47 D20 C	105	H5 210
	320 d	09/05-12/11	M 47 N 204 D4	110	H1 118
	320 d	01/05-12/11	M 47 N 204 D4	120	H1 118
	320 d	09/07-12/11	N47 D20 A / N47 D20 C	130	H5 210
	320 d	01/10-12/11	N47 D20 C	135	H5 210
	320 d xDrive	01/10-12/11	N47 D20 C	135	H5 210
	320 d xDrive	09/08-12/11	N47 D20 C	130	H5 210
	320 d xDrive	07/08-12/11	N47 D20 C	120	H5 210
	320 xd	09/07-12/11	N47 D20 C	130	H5 210
	325 d	09/06-12/11	M 57 306 D3	145	H1 118
	325 d	01/10-12/11	N57 D30 A	150	H5 210
	330 d	09/05-12/11	M 57 306 D3	170	H1 118
	330 xd	09/05-12/11	M 57 306 D3	170	H1 118
	330 d	01/09-12/11	N57 D30 A	180	H5 210
	330 d xDrive	01/09-12/11	N57 D30 A	180	H5 210
	335 d	09/06-12/11	M 57 N 306 D5	210	H1 118
3 (F30, F35, F80)	316 d	02/12-	N47 D20 C	85	H5 210
	318 d	07/15-	B47 D20 A	110	H5 210
	318 d	02/12-	N47 D20 C	105	H5 210
	318 d xDrive	07/15-	B47 D20 A	110	H5 210
	318 d xDrive	11/12-	N47 D20 C	105	H5 210
	320 d	07/15-	B47 D20 A	140	H5 210



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3 (F30, F35, F80)	320 d	02/12-	N47 D20 C	147	H5 210
	320 d	10/11-07/15	N47 D20 C	135	H5 210
	320 d	10/11-	B47 D20 A /N47 D20 C	120	H5 210
	320 d xDrive	07/15-	B47 D20 A	140	H5 210
	320 d xDrive	05/12-	N47 D20 C	147	H5 210
	320 d xDrive	10/11-07/15	N47 D20 C	135	H5 210
	325 d	03/16-	B47 D20 B	165	H5 210
	325 d	10/11-	N47 D20 D	160	H5 210
	330 d	09/15-	N57 D30 A	210	H5 210
	330 d	01/12-	N57 D30 A	190	H5 210
	330 d xDrive	09/15-	N57 D30 A	210	H5 210
	330 d xDrive	03/13-	N57 D30 A	190	H5 210
	335 d xDrive	07/13-	N57 D30 B	230	H5 210
3 Compact (E46)	318 td	03/03-02/05	M 47 N 204 D4	85	H1 118
	320 td	09/01-02/05	M 47 N 204 D4	110	H1 118
3 Convertible (E46)	320 Cd	02/05-	M47 D20 (204D4)	110	H1 118
	330 Cd	08/05-	M57 D30 (306D2)	150	H1 118
3 Coupe (E46)	320 Cd	11/03-	M47 D20 (204D4)	110	H1 118
	330 Cd	03/03-	M57 D30 (306D2)	150	H1 118
3 Touring (E46)	318 d	03/02-02/05	M47 D20 (204D1)	85	H1 118
	318 d	03/02-02/05	M47 D20 (204D1)	85	H1 119
	318 d	03/03-02/05	M47 D20 (204D4)	85	H1 118
	320 d	09/01-02/05	M47 D20 (204D4)	110	H1 118
	330 d	03/03-02/05	M57 D30 (306D2)	150	H1 118
	330 xd	03/03-02/05	M57 D30 (306D2)	150	H1 118
3 Coupe (E92)	320 d	01/10-12/13	N47 D20 C	135	H5 210
	320 d	03/07-12/13	N47 D20 A	130	H5 210
	320 d xDrive	01/10-12/13	N47 D20 C	135	H5 210
	320 d xDrive	09/08-12/13	N47 D20 A	130	H5 210
	320 d	09/06-02/10	N47 D20 A, N47 D20 C	145	H5 210
	320 d	03/10-06/13	N47 D20 C	147	H5 210
	320 d xDrive	09/09-02/10	N47 D20 C	145	H5 210
	320 d xDrive	03/10-06/13	N47 D20 C	147	H5 210
	320 xd	03/08-02/10	N47 D20 C	145	H5 210
	320 xd	03/07-12/13	N47 D20 C	130	H5 210
	325 d	03/07-	M 57 N 306 D3	145	H1 118
	325 d	04/10-12/13	N47 D20 C	150	H5 210
	330 d	09/06-	M 57 306 D3	170	H1 118
	330 d	01/09-12/13	N47 D20 A	180	H5 210
	330 d xDrive	01/09-12/13	N57 D30 A	180	H5 210
	330 xd	01/09-12/13	N57 D30 A	180	H5 210
	330 xd	09/06-	M 57 306 D3	170	H1 118
	335 d	09/06-	M 57 N 306 D5	210	H1 118
3 Convertible (E93)	320 d	01/10-12/13	N47 D20 C	135	H5 210
	320 d	03/07-12/13	N47 D20 A / N47 D20 C	130	H5 210
	320 d	09/07-02/10	N47 D20 A, N47 D20 C	145	H5 210
	320 d	03/10-10/13	N47 D20 C	147	H5 210



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3 Convertible (E93)	325 d	03/07-	M 57 D30 (306D3)	145	H1 118
	325 d	02/10-12/13	N57 D30 A	150	H5 210
	325 d	02/10-	M 57 D30 (306D3)	155	H1 118
	330 d	01/09-12/13	N57 D30 A	180	H5 210
3 Touring (E91)	316 d	09/09-06/12	N47 D20 C	85	H5 210
	318 d	09/05-	M 47 N 204 D4	90	H1 118
	318 d	07/07-06/12	N47 D20 A / N47 D20 C	100	H5 210
	318 d	09/07-06/12	N47 D20 C	105	H5 210
	320 d	09/05-	M 47 N 204 D4	110	H1 118
	320 d	09/05-	M 47 N 204 D5	120	H1 118
	320 d	01/10-06/12	N47 D20 C	135	H5 210
	320 d	03/10-05/12	N47 D20 C	147	H5 210
	320 d	09/07-06/12	N47 D20 A / N47 D20 C	130	H5 210
	320 d	02/07-02/10	N47 D20 A, N47 D20 C	145	H5 210
	320 d	09/05-06/12	M47 D20 (204D4) / N47 D20 C	120	H5 210
	320 d xDrive	01/10-06/12	N47 D20 C	135	H5 210
	320 d xDrive	03/10-05/12	N47 D20 C	147	H5 210
	320 d xDrive	07/09-06/12	N47 D20 C	120	H5 210
	320 d xDrive	09/08-06/12	N47 D20 C	130	H5 210
	320 d xDrive	02/08-02/10	N47 D20 C	145	H5 210
	320 xd	09/07-06/12	N47 D20 A	130	H5 210
	325 d	09/06-	M 57 D30 (306D3)	145	H1 118
	325 d	04/10-	N57 D30A	150	H5 210
	330 d	09/05-	M 57 N 306 D3	170	H1 118
	330 d	01/09-06/12	N57 D30 A	180	H5 210
	330 d xDrive	01/09-06/12	N57 D30 A	180	H5 210
	330 xd	09/05-08/08	M 57 306 D3 / M 57 D30 TU2	170	H1 118
	335 d	09/06-	M 57 N 306 D5	210	H1 118
3 Touring (F31)	316 d	06/12-	N47 D20 C	85	H5 210
	318 d	07/15-	B47 D20 A	110	H5 210
	318 d	16/12-	N47 D20 C	105	H5 210
	318 d xDrive	07/15-	B47 D20 A	110	H5 210
	318 d xDrive	01/13-	N47 D20 C	105	H5 210
	320 d	07/15-	B47 D20 A	140	H5 210
	320 d	06/12-07/15	N47 D20 C	135	H5 210
	320 d	10/11-	N47 D20 C	147	H5 210
	320 d xDrive	07/15-	B47 D20 A	140	H5 210
	320 d xDrive	01/13-	N47 D20 C	147	H5 210
	320 d xDrive	06/12-07/15	N47 D20 C	135	H5 210
	325 d	03/16-	B47 D20 B	165	H5 210
	325 d	03/13-	N47 D20 D	160	H5 210
	330 d	09/15-	N57 D30 A	210	H5 210
	330 d	06/12-	N57 D30 A	190	H5 210
	330 d xDrive	09/15-	N57 D30 A	210	H5 210
	330 d xDrive	06/12-	N57 D30 A	190	H5 210
3 Gran Turismo (F34)	318 d	07/15-	B47 D20 A	110	H5 210
	318 d	03/13-	N47 D20 C	105	H5 210



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3 Gran Turismo (F34)	320 d	07/15-	B47 D20 A	140	H5 210
	320 d	05/13-	N47 D20 C	147	H5 210
	320 d	03/13-07/15	N47 D20 C	135	H5 210
	320 d xDrive	07/15-	B47 D20 A	140	H5 210
	320 d xDrive	05/13-	N47 D20 C	147	H5 210
	320 d xDrive	03/13-07/15	N47 D20 C	135	H5 210
	325 d	03/13-	N47 D20 D	160	H5 210
	330 d	01/14-	N57 D30 A	210	H5 210
	330 d	01/14-	N57 D30 A	190	H5 210
	330 d xDrive	01/14-	N57 D30 A	210	H5 210
	330 d xDrive	01/14-	N57 D30 A	190	H5 210
	335 d xDrive	01/14-	N57 D30 B	230	H5 210
4 Coupe (F32, F82)	418 d	03/15-	B47 D20 A	110	H5 210
	420 d	03/15-	B47 D20 A	140	H5 210
	420 d	07/13-03/15	N47 D20 C	147	H5 210
	420 d	07/13-03/15	N47 D20 C	135	H5 210
	420 d xDrive	03/15-	B47 D20 A	140	H5 210
	420 d xDrive	11/13-03/15	N47 D20 C	147	H5 210
	420 d xDrive	11/13-03/15	N47 D20 C	135	H5 210
	425 d	03/16-	B47 D20 B	165	H5 210
	425 d	01/14-	N47 D20 D	160	H5 210
	430 d	11/13-	N57 D30 A	210	H5 210
	430 d	11/13-	N57 D30 A	190	H5 210
	430 d xDrive	01/14-	N57 D30 A	190	H5 210
	430 d xDrive	11/13-	N57 D30 A	210	H5 210
	435 d xDrive	11/13-	N57 D30 B	230	H5 210
4 Gran Coupe (F36)	418 d	07/15-	B47 D20 A	110	H5 210
	418 d	03/14-	N47 D20 C	105	H5 210
	420 d	03/15-	B47 D20 A	140	H5 210
	420 d	03/14-03/15	N47 D20 C	147	H5 210
	420 d	03/14-03/15	N47 D20 C	135	H5 210
	420 d xDrive	03/15-	B47 D20 A	140	H5 210
	420 d xDrive	03/14-03/15	N47 D20 C	147	H5 210
	420 d xDrive	03/14-03/15	N47 D20 C	135	H5 210
	425 d	03/16-	B47 D20 B	165	H5 210
	430 d	07/14-	N57 D30 A	210	H5 210
	430 d	07/14-	N57 D30 A	190	H5 210
	430 d xDrive	07/14-	N57 D30 A	210	H5 210
	430 d xDrive	07/14-	N57 D30 A	190	H5 210
4 Convertible (F33, F83)	420 d	07/15-	B47 D20 A	140	H5 210
	420 d	10/13-07/15	N47 D20 C	147	H5 210
	420 d	10/13-07/15	N47 D20 C	135	H5 210
	425 d	03/16-	B47 D20 B	165	H5 210
	425 d	07/14-	N47 D20 D	160	H5 210
	430 d	07/14-	N57 D30 A	190	H5 210
	430 d	10/13-	N57 D30 A	210	H5 210
	524 d	03/86-12/87	M 21 D 24 W	63	H1 002



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5 (E28)	524 td	09/83-12/87	M21 D24 (246TA)	85	H1 002
5 (E34)	524 td	03/88-09/95	M 21 D 24 WA, M 21 D 24	85	H1 792
	525 td	03/93-09/95	M 51 D 25	85	H1 792
	525 tds	09/91-09/95	M 51 D 25 (Inter.)	105	H1 792
5 (E39)	520 d	02/00-06/03	M 47 D 20, M 47 204 D1	100	H1 119
	525 d	02/00-06/03	M 57 256 D1	120	H1 119
	530 d	08/98-09/00	M 57 D 30	135	H1 119
	530 d	09/00-06/03	M 57 D 30	142	H1 119
5 (E60)	520 d	09/05-03/10	M 47 N 204 D4	110	H1 118
	520 d	07/05-03/10	M 47 N 204 D5	120	H1 118
	520 d	07/05-03/10	M47 D20 (204D4), N47 D20 A/ N47 D20 C	120	H5 210
	520 d	09/07-03/10	M47 D20 (204D4)	130	H1 118
	520 d	09/07-03/10	N47 D20 A/ N47 D20 C	130	H5 210
	525 d	12/04-03/10	M 57 D25 (256D1)	120	H1 118
	525 d	06/04-03/10	M 57 N 256 D4	130	H1 118
	525 d	01/07-03/10	M 57 306 D3	145	H1 118
	525 d xDrive	09/08-03/10	M 57 D30 (306D3)	145	H1 118
	525 xd	01/07-03/10	M 57 D30 (306D3)	145	H1 118
	530 d	07/03-03/10	M 57 D30 (306D2), (306D3)	155	H1 118
	530 d	07/03-03/10	M 57 D30 (306D2)	160	H1 118
	530 d	07/03-03/10	M 57 D30 (306D3)	170	H1 118
	530 xd	07/05-03/10	M 57 D30 (306D3)	170	H1 118
	530 d	01/07-03/10	M 57 D30 (306D3)	173	H1 118
	530 xd	01/07-03/10	M 57 D30 (306D3)	173	H1 118
	530 d xDrive	09/08-03/10	M 57 D30 (306D3)	173	H1 118
	535 d	09/04-03/10	M 57 D30 (306D4)	200	H1 118
	535 d	01/07-03/10	M 57 D30 (306D5)	210	H1 118
5 Touring (E61)	520 d	09/05-	M 47 D20 (204D4)	110	H1 118
	520 d	07/05-	M 47 D20 (204D4)	120	H1 118
	520 d	07/05-12/10	M47 D20 (204 D4)/ N47 D20 A/N47 D20 C	120	H5 210
	520 d	09/07-12/10	N 47 D20 A/ N47 D20 C	130	H5 210
	525 d	12/04-	M 57 N 256 D4	120	H1 118
	525 d	06/04-	M 57 D25 (256D2)	130	H1 118
	525 d	01/07-	M 57 D30 (306D3)	145	H1 118
	525 xd	01/07-	M 57 D30 (306D3)	145	H1 118
	525 d xDrive	09/08-	M 57 D30 (306D3)	145	H1 118
	530 d	06/04-	M 57 D30 (306D2)	160	H1 118
	530 d	07/05-	M 57 D30 (306D3)	170	H1 118
	530 xd	07/05-	M 57 D30 (306D3)	170	H1 118
	530 d	01/07-	M 57 D30 (306D3)	173	H1 118
	530 xd	01/07-	M 57 D30 (306D3)	173	H1 118
	530 d xDrive	09/08-03/10	M 57 D30 (306D3)	173	H1 118
	535 d	09/04-	M 57 D30 (306D4)	200	H1 118
	535 d	01/07-	M 57 D30 (306D5)	210	H1 118
5 (F10, F18)	518 d	07/14-	B47 D20 A	110	H5 210
	518 d	01/13-	N47 D20 C	105	H5 210
	520 d	07/14-	B47 D20 A	140	H5 210



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5 (F10, F18)

520 d	03/10-	N47 D20 C	135	H5 210
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520 d	06/10-07/14	N47 D20 C	147	H5 210
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520 d	10/13-	B47 D20 A	155	H5 210
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520 d xDrive	01/13-06/14	N47 D20 C	147	H5 210
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520 d xDrive	07/14-	B47 D20 A	140	H5 210
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520 d xDrive	02/13-	N47 D20 C	135	H5 210
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520 d xDrive	10/13-	B47 D20 A	155	H5 210
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525 d	09/11-	N47 D20 D	160	H5 210
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525 d	09/11-	N47 D20 D	155	H5 210
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525 d	02/10-	N57 D30 A	150	H5 210
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525 d xDrive	09/11-	N47 D20 D	160	H5 210
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525 d xDrive	09/11-	N47 D20 D	155	H5 210
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530 d	10/15-	N57 D30 A	210	H5 210
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530 d	09/11-	N57 D30 A	190	H5 210
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530 d	12/09-	N57 D30 A	180	H5 210
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530 d xDrive	10/15-	N57 D30 A	210	H5 210
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530 d xDrive	09/11-	N57 D30 A	190	H5 210
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535 d	08/10-	N57 D30 B	220	H5 210
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5 (G30)

520 d	09/16 -	B47 D20 A	140	H5 210
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520 d xDrive	09/16 -	B47 D20 A	140	H5 210
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530 d	09/16 -	B57 D30 A	195	H5 210
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530 d xDrive	09/16 -	B57 D30 A	195	H5 210
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5 Gran Turismo (F07)

520 d	10/11-	N47 D20 C	135	H5 210
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530 d	07/10-	N57 D30 A	155	H5 210
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530 d	10/09-	N57 D30 A	190	H5 210
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530 d	10/09-	N57 D30 A	180	H5 210
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530 d xDrive	09/10-	N57 D30 A	180	H5 210
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530 d xDrive	10/09-	N57 D30 A	190	H5 210
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535 d	05/09-06/12	N57 D30 B	225	H5 210
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535 d	09/10-	N57 D30 B	220	H5 210
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535 d xDrive	09/10-	N57 D30 B	220	H5 210
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5 Touring (F11)

518 d	05/14-	B47 D20 A	110	H5 210
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518 d	01/13-	N47 D20 C	105	H5 210
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520 d	05/14-	B47 D20 A	140	H5 210
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520 d	09/10-	N47 D20 C	135	H5 210
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520 d	06/10-06/14	N47 D20 C	147	H5 210
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520 d	10/13 -	B47 D20 A	155	H5 210
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520 d xDrive	03/10-07/14	N47 D20 C	147	H5 210
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520 d xDrive	10/13	B47 D20 A	155	H5 210
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520 d xDrive	05/14-	B47 D20 A	140	H5 210
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520 d xDrive	02/13-	N47 D20 C	135	H5 210
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525 d	09/11-	N47 D20 D	160	H5 210
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525 d	09/10-	N57 D30 A	150	H5 210
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525 d xDrive	09/11-	N47 D20 D	160	H5 210
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530 d	10/15-	N57 D30 A	210	H5 210
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530 d	09/11-	N57 D30 A	190	H5 210
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530 d	09/10-	N57 D30 A	180	H5 210
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5 Touring (F11)	530 d xDrive	10/15-	N57 D30 A	210	H5 210
	530 d xDrive	09/11-	N57 D30 A	190	H5 210
	535 d	09/10-	N57 D30 B	220	H5 210
	M 550 d xDrive	01/12	N57 D30 C	280	H5 210
6 (E 63)	635 d	07/07-	M 57 D30 (306D5)	210	H1 118
6 Convertible (E64)	635 d	07/07-	M 57 D30 (306D5)	210	H1 118
6 Gran Coupe (F06)	640 d	09/11-	N57 D30 B	230	H5 210
	640 d xDrive	01/13-	N57 D30 B	230	H5 210
7 (E38)	725 tds	04/96-11/01	M 51 D 25 (Inter.)	105	H1 792
	730 d	08/98-04/00	M 57 D 30	135	H1 119
	730 d	04/00-11/01	M 57 306 D1	142	H1 119
	740 d	05/99-11/01	M 67 D 39	180	H1 090
7 (E65, E66, E67)	730 d	10/02-	M 57 D30 (306D3)	155	H1 118
	730 d	10/02-	M 57 D30 (306D2)	160	H1 118
	730 Id	07/05-	M 57 D30 (306D3)	170	H1 118
	740 d	10/02-	N 67 398 D1	190	H1 138
	745 d	03/05-08/05	N 67 N 448 D1	220	H1 138
	745 d	07/05-	N 67 N 448 D2	242	H1 138
7 (F01, F02, F03, F04)	730 d	07/12-12/15	N57 D30 A	190	H5 210
	730 d	10/08-12/15	N57 D30 A	180	H5 210
	730 d xDrive	02/08-05/15	N57 D30 A	155	H5 210
	730 d xDrive	07/12-12/15	N57 D30 A	190	H5 210
	740 d	09/09-12/15	N57 D30 B	225	H5 210
	740 d xDrive	09/09-12/15	N57 D30 B	225	H5 210
7 (G11, G12)	725 d, Ld	09/15-		170	H5 210
	730 d	09/15-	B57 D30 A	195	H5 210
	730 d xDrive	09/15-	B57 D30 A	195	H5 210
	740 d xDrive	11/15-	B57 D30 B	235	H5 210
X1 (E84)	sDrive 16 d	04/12-06/15	N47 D20 C	85	H5 210
	sDrive 18 d	10/09-06/15	N47 D20 C	105	H5 210
	sDrive 20 d	07/12-06/15	N47 D20 C	135	H5 210
	sDrive 20 d	10/09-06/15	N47 D20 C	130	H5 210
	xDrive 18 d	10/09-06/15	N47 D20 C	105	H5 210
	xDrive 20 d	10/09-06/15	N47 D20 C	130	H5 210
	xDrive 23 d	10/09-06/15	N47 D20 C/ N47S D20 D	150	H5 210
	xDrive 25 d	10/09-06/15	N47 D20 C/ N47S D20 D	160	H5 210
X1 (F48)	sDrive 18 d	09/15-	B47 C20 A	110	H5 210
	xDrive 18 d	11/15-	B47 C20 A	110	H5 210
	xDrive 20 d	11/15-	B47 C20 A	140	H5 210
	xDrive 25 d	09/15-	B47 C20 B	170	H5 210
X3 (E83)	2.0 d	10/04-	M 47 D20 (204D4)	110	H1 118
	2.0 d	09/07-03/09	N 47 D20 A/ N47 D20 C	130	H5 210
	3.0 d	01/04-	M 57 D30 (306D2)	150	H1 118
	3.0 d	01/04-	M 57 D30 (306D3)	160	H1 118
	xDrive 18 d	09/08-12/11	N47 D20 C	105	H5 210
	xDrive 20 d	09/08-08/10	N47 D20 C	130	H5 210
	xDrive 20 d	09/08-08/10	N47 D20 C	120	H5 210



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X3 (E83)	xDrive 30 d	09/08-	M 57 D30 (306D3)	155	H1 118
	xDrive 30 d	09/08-	M 57 D30 (306D3)	160	H1 118
	3.0 sd	09/06-	M 57 D30 (306D5)	210	H1 118
	xDrive 35 d	09/08-	M 57 D30 (306D5)	210	H1 118
X3 (F25)	sDrive 18 d	02/14-	B47 D20 A	110	H5 210
	sDrive 18 d	08/11-	N47 D20 C	105	H5 210
	sDrive 18 d	08/11-	N47 D20 C	100	H5 210
	xDrive 20 d	02/14-	B47 D20 A	140	H5 210
	xDrive 20 d	09/10-	N47 D20 C	135	H5 210
	xDrive 20 d	09/10-	N47 D20 C	120	H5 210
	xDrive 30 d	04/14-	N57 D30 A	155	H5 210
	xDrive 30 d	05/11-	N57 D30 A	190	H5 210
X4 (F26)	xDrive 20 d	04/14-	B47 D20 A	140	H5 210
	xDrive 30 d	04/14-	N57 D30 A	155	H5 210
	xDrive 30 d	04/14-	N57 D30 A	190	H5 210
X5 (E53)	3.0 d	05/01-	M 57 306 D1	135	H1 119
	3.0 d	08/04-	M 57 D30 (306D2)	155	H1 118
	3.0 d	12/03-	M 57 D30 (306D2)	160	H1 118
X5 (E70)	3.0 d	02/07-09/08	M 57 D30 (306D3)	155	H1 118
	3.0 d	02/07-09/08	M 57 D30 (306D3)	173	H1 118
	xDrive 30 d	09/08-	N 57 D30 A	173	H1 118
	xDrive 30 d	09/10-06/13	N57 D30 A	180	H5 210
	3.0 sd	09/07-02/09	M 57 D30 (306D5)	210	H1 118
	xDrive 35 d	09/08-	M 57 D30 (306D5)	210	H1 118
	xDrive 40 d	09/10-06/13	N57 D30 B	225	H5 210
X5 (F15, F85)	sDrive 25 d	07/15-	B47 D20 B	170	H5 210
	sDrive 25 d	11/13-	N47 D20 D	160	H5 210
	xDrive 25 d	07/15-	B47 D20 B	170	H5 210
	xDrive 25 d	11/13-	N47 D20 D	160	H5 210
	xDrive 30 d	11/13-	N57 D30 A	204	H5 210
	xDrive 30 d	07/13-	N57 D30 A	190	H5 210
	xDrive 30 d	07/13-	N57 D30 A	210	H5 210
	xDrive 40 d	12/13-		230	H5 210
	M 50 d	07/13-	N57 D30 C	280	H5 210
X6 (E71, E72)	30 d	05/08-	M 57 D30 (306D3)	173	H1 118
	xDrive 30 d	09/10-06/14	N57 D30 A	155	H5 210
	xDrive 30 d	09/08-	N 57 D30 A	173	H1 118
	xDrive 30 d	09/10-06/14	N57 D30 A	180	H5 210
	35 d	05/08-	M57 D30 (306D5)	210	H1 118
	xDrive 35 d	09/08-	M57 D30 (306D5)	210	H1 118
	xDrive 40 d	10/10-06/14	N57 D30 B	225	H5 210
X6 (F16, F86)	xDrive 30 d	02/15-	N57 D30 A	204	H5 210
	xDrive 30 d	08/14-	N57 D30 A	190	H5 210
	M 50 d	08/14-		280	H5 210
	xDrive 40 d	12/14-		230	H5 210

BMW (USA)

500 Series	1985 - 1986	6 - 2.4L DIESEL M21 TURBO	H1 657
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**BUICK (USA)**

Century		1981	V8 5.7L DIESEL	H0 711
		1982 - 1983	V6 4.3L 260 CID (V) FI DIESEL	H0 711
		1984 - 1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
Electra		1980 - 1981	V8 5.7L DIESEL	H0 711
		1982 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1984	V8 5.7L 350 CID (N) FI DIESEL	H1 197
		1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
Estate Wagon		1984	V8 5.7L 350 CID (N) FI DIESEL	H1 197
Lesabre		1980 - 1981	V8 5.7L DIESEL	H0 711
		1982 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1984	V8 5.7L 350 CID (N) FI DIESEL	H1 197
Park Avenue		1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
Regal		1981	V8 5.7L DIESEL	H0 711
		1982 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1982 - 1983	V6 4.3L 260 CID (V) FI DIESEL	H0 711
		1984 - 1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
		1984 - 1985	V8 5.7L 350 CID (N) FI DIESEL	H1 197
Riviera		1980 - 1981	V8 5.7L DIESEL	H0 711
		1982 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1984 - 1985	V8 5.7L 350 CID (N) FI DIESEL	H1 197

CADILLAC (USA)

Brougham	RWD	1984 - 1985	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	RWD	1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
Commercial Chassis		1979 - 1981	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
Deville		1980 - 1982	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1984	V8 5.7L 350 CID (N) FI DIESEL	H1 197
		1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
		1985	V8 4.1L F/INJ. (8)	H1 197
Eldorado	EARLY	1979	V8 5.7L DIESEL	H1 197
	LATE	1979	V8 5.7L DIESEL	H0 711
		1980 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1984 - 1985	V8 5.7L 350 CID (N) FI DIESEL	H1 197
		1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
Fleetwood		1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1984	V8 5.7L 350 CID (N) FI DIESEL	H1 197
		1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
		1985	V8 4.1L F/INJ. (8)	H1 197
	BROUGHAM	1979	V8 5.7L DIESEL	H0 711
	BROUGHAM	1980 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
	BROUGHAM	1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
	BROUGHAM	1985	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	LIMO	1979	V8 5.7L DIESEL	H0 711
	LIMO	1980 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
		1985	V8 5.7L 350 CID (N) FI DIESEL	H1 197
Funeral Coach		1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
Limousine		1979 - 1981	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1983	V8 5.7L DIESEL	H0 711



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**CADILLAC (USA)**

Limousine		1984	V8 5.7L 350 CID (N) FI DIESEL	H1 197
		1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
Seville		1978	V8 5.7L DIESEL	H0 711
	EARLY	1979	V8 5.7L DIESEL	H0 711
	LATE	1979	V8 5.7L DIESEL	H0 711
		1980 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1984 - 1985	V8 5.7L 350 CID (N) FI DIESEL	H1 197
Sixty Special	FWD	1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
	FWD	1985	V8 4.1L F/INJ. (8)	H1 197

CADILLAC

BLS	1.9 D	12/07-	Z 19 DTR	132	H1 396
BLS Wagon	1.9 D	12/07-	Z 19 DTR	132	H1 396

CHEECKER (USA)

Marathon Taxicab		1979 - 1982	V8 5.7L 350 CID (N) FI DIESEL	H0 711
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Aveo	1.3 D	07/11-	LDV	55	H5 025
	1.3 D	07/11-	LSF	77	H5 025
Captiva	2.0 D	10/06-	Z 20 S	93	H5 191
	2.0 D 4WD	10/06-	Z 20 S	93	H5 191
	2.0 D	09/07-	Z 20 S	110	H5 191
	2.0 4WD	10/06-	Z 20 S	110	H5 191
	2.2 L 4x4	04/11-	A22DMH	135	H5 240
	2.2 L	04/11-	A22DM	120	H5 240
Cruze	2.0 CDI	05/09-	Z 20 S1	90	H5 191
	2.0 CDI	05/09-	Z 20 S1	92	H5 191
	2.0 CDI	05/09-	Z 20 DMH, Z 20 S1	110	H5 191
	2.0 L Saloon	06/09-12/12	Z20S1	92	H5 191
	2.0 L Hatchback	06/09-12/12	Z20D1	120	H5 240
Orlando	2.0 L	12/10-	Z20D1	120	H5 240
	2.0 L	12/10-	Z20D1	96	H5 240
Epica	2.0 D	01/07-	Z 20 S	110	H5 191
Lacetti	2.0 D	01/07-	Z 20 DM	89	H5 191
Nubira Estate	2.0 D	01/07-	Z 20 DM, Z 20 S	89	H5 191
Nubira Saloon	2.0 D	01/05-	Z 20 S	89	H5 191

CHEVROLET (USA)

Avalanche	2500	2004	6.6L V8 DIESEL DURAMAX LB7	H1 198
Bel Air		1981	V8 5.7L DIESEL	H0 711
Blazer	C 2WD	1978	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	C 2WD	1978 - 1981	V8 5.7L 350 CID (N) FI DIESEL	H0 711
	C 2WD	1980	V8 5.7L DIESEL	H0 711
	C 2WD	1982 - 1993	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	C 2WD	1982 - 1993	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	C 2WD	1992 - 1994	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	C 2WD	1994	V8 6.5L (P) TBI DIESEL	H1 197
	C 2WD	1994	V8 6.5L 395 CID (S) FI DIESEL	H1 197
	K 4WD	1978	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	K 4WD	1979 - 1981	V8 5.7L 350 CID (N) FI DIESEL	H0 711



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CHEVROLET (USA)

Blazer	K 4WD	1982 - 1993	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	K 4WD	1982 - 1993	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	K 4WD	1992 - 1994	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	K 4WD	1994	V8 6.5L (P) TBI DIESEL	H1 197
	K 4WD	1994	V8 6.5L 395 CID (S) FI DIESEL	H1 197
	R 2WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	R 2WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	V 4WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	V 4WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
Caprice		1980	V8 5.7L DIESEL	H0 711
		1981 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1984	V8 5.7L 350 CID (N) FI DIESEL	H1 197
		1985	V8 5.7L 350 CID (N) FI DIESEL	H1 197
Celebrity		1984 - 1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
El Camino		1980 - 1983	V6 4.3L 260 CID (V) FI DIESEL	H0 711
		1982 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1984	V8 5.7L 350 CID (N) FI DIESEL	H1 197
Impala		1980 - 1981	V8 5.7L DIESEL	H0 711
		1982 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1984 - 1985	V8 5.7L 350 CID (N) FI DIESEL	H1 197
Malibu		1982 - 1983	V6 4.3L 260 CID (V) FI DIESEL	H0 711
		1982 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
Monte Carlo		1982 - 1983	V6 4.3L 260 CID (V) FI DIESEL	H0 711
		1982 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1984	V8 5.7L 350 CID (N) FI DIESEL	H1 197
PickUp	1 TON CREW CAB	1978 - 1979	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	1 TON CREW CAB	1980 - 1981	V8 5.7L 350 CID (N) FI DIESEL	H0 711
	1 TON CREW CAB	1992 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	1 TON CREW CAB	1994-1995	V8 6.5L (P) TBI DIESEL	H1 197
	1 TON CREW CAB	1994-1995	V8 6.5L 395 CID (S) FI DIESEL	H1 197
	1 TON C 2WD	1978 - 1981	V8 5.7L 350 CID (N) FI DIESEL	H0 711
	1 TON C 2WD	1992 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	1 TON C 2WD	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197
	1 TON C 2WD	1994 - 1995	V8 6.5L 395 CID (S) FI DIESEL	H1 197
	1 TON K 4WD	1978	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	1 TON K 4WD	1979 - 1981	V8 5.7L 350 CID (N) FI DIESEL	H0 711
	1 TON K 4WD	1992 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	1 TON K 4WD	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197
	1 TON K 4WD	1994 - 1995	V8 6.5L 395 CID (S) FI DIESEL	H1 197
	1 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	1 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	1 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	1 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	1/2 TON CLASSIC C	1998 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	1/2 TON CLASSIC K	1998 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	1/2 TON EXT CAB	1998 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	1/2 TON C 2WD	1978	V8 5.7L 350 CID (N) FI DIESEL	H1 197



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**CHEVROLET (USA)**

PickUp	1/2 TON C 2WD	1979 - 1981	V8 5.7L 350 CID (N) FI DIESEL	H0 711
	1/2 TON C 2WD	1992 - 1997	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	1/2 TON C 2WD	1994 - 1997	V8 6.5L 395 CID (S) FI DIESEL	H1 197
	1/2 TON C 2WD	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197
	1/2 TON K 4WD	1978	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	1/2 TON K 4WD	1979 - 1981	V8 5.7L 350 CID (N) FI DIESEL	H0 711
	1/2 TON K 4WD	1992 - 1997	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	1/2 TON K 4WD	1994 - 1997	V8 6.5L 395 CID (S) FI DIESEL	H1 197
	1/2 TON K 4WD	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197
	1/2 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	1/2 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	1/2 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	1/2 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	3/4 TON CLASSIC C	1998 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	3/4 TON CLASSIC K	1998 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	3/4 TON C 2WD	1978	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	3/4 TON C 2WD	1979 - 1981	V8 5.7L 350 CID (N) FI DIESEL	H0 711
	3/4 TON C 2WD	1992 - 1997	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	3/4 TON C 2WD	1994 - 1997	V8 6.5L 395 CID (S) FI DIESEL	H1 197
	3/4 TON C 2WD	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197
	3/4 TON K 4WD	1978	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	3/4 TON K 4WD	1979 - 1981	V8 5.7L 350 CID (N) FI DIESEL	H0 711
	3/4 TON K 4WD	1992 - 1997	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	3/4 TON K 4WD	1994 - 1997	V8 6.5L 395 CID (S) FI DIESEL	H1 197
	3/4 TON K 4WD	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197
	3/4 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	3/4 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	3/4 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	3/4 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
PickUp Cab	CHASIS C	1992 - 2002	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	CHASIS C	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197
	CHASIS C	1994 - 1995	V8 6.5L 395 CID (S) FI DIESEL	H1 197
	CHASSIS C 2WD	1978	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	CHASSIS C 2WD	1979 - 1981	V8 5.7L 350 CID (N) FI DIESEL	H0 711
	CHASIS K	1992 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	CHASIS K	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197
	CHASIS K	1994 - 1995	V8 6.5L 395 CID (S) FI DIESEL	H1 197
	CHASSIS K 4 WD	1978	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	CHASSIS K 4 WD	1979 - 1981	V8 5.7L 350 CID (N) FI DIESEL	H0 711
RV	CUTAWAY CHASSIS	2004	6.6L V8 DIESEL DURAMAX LB7	H1 198
Sierra	2500 HD BASE TRUCK 01/02-12/04		V8-400 (VIN: 1) Duramax	H1 203
	2500 HD BASE TRUCK 01/05-		V8-400 (VIN: 2) Duramax	H1 217
	2500 HD SL TRUCK 01/01-12/02		V8-400 (VIN: 1) Duramax	H1 203
	2500 HD SLE TRUCK 01/01-12/04		V8-400 (VIN: 1) Duramax	H1 203
	2500 HD SLE TRUCK 01/05-		V8-400 (VIN: 2) Duramax	H1 217
	2500 HD SLT TRUCK 01/01-12/04		V8-400 (VIN: 1) Duramax	H1 203
	2500 HD SLT TRUCK 01/05-		V8-400 (VIN: 2) Duramax	H1 217



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CHEVROLET (USA)

Sierra	2500 HD WT TRUCK	01/03-12/04	V8-400 (VIN: 1) Duramax		H1 203
	2500 HD WT TRUCK	01/05-	V8-400 (VIN: 2) Duramax		H1 217
	3500 BASE TRUCK	01/02-12/04	V8-400 (VIN: 1) Duramax		H1 203
	3500 SL TRUCK	01/01-12/02	V8-400 (VIN: 1) Duramax		H1 203
	3500 SLE TRUCK	01/01-12/04	V8-400 (VIN: 1) Duramax		H1 203
	3500 SLT TRUCK	01/01-12/04	V8-400 (VIN: 1) Duramax		H1 203
	3500 WT TRUCK	01/03-12/04	V8-400 (VIN: 1) Duramax		H1 203
Silverado	2500	2001 - 2004	6.6L V8 DIESEL DURAMAX LB7		H1 198
	2500 HD	2001 - 2004	6.6L V8 DIESEL DURAMAX LB7		H1 198
	3500 HD	2001 - 2004	6.6L V8 DIESEL DURAMAX LB7		H1 198
	2500 BASE TRUCK	01/01-	V8-400-(VIN: 1) Duramax		H1 203
	2500 LS TRUCK	01/01-12/02	V8-400-(VIN: 1) Duramax		H1 203
	2500 LT TRUCK	01/01-	V8-400-(VIN: 1) Duramax		H1 203
	2500 HD BASE TRUCK	01/01-12/04	V8-400-(VIN: 1) Duramax		H1 203
	2500 HD BASE TRUCK	01/05-	V8-400-(VIN: 2) Duramax		H1 217
	2500 HD LS TRUCK	01/01-12/04	V8-400-(VIN: 1) Duramax		H1 203
	2500 HD LS TRUCK	01/05-	V8-400-(VIN: 2) Duramax		H1 217
	2500 HD LT TRUCK	01/01-12/04-	V8-400-(VIN: 1) Duramax		H1 203
	2500 HD LT TRUCK	01/05-	V8-400-(VIN: 2) Duramax		H1 217
	2500 HD WT TRUCK	01/01-12/-04	V8-400-(VIN: 1) Duramax		H1 203
	3500 BASE TRUCK	01/01-12/-04	V8-400-(VIN: 1) Duramax		H1 203
	3500 BASE TRUCK	01/05-	V8-400-(VIN: 2) Duramax		H1 217
	3500 LS TRUCK	01/01-12/04	V8-400-(VIN: 1) Duramax		H1 203
	3500 LS TRUCK	01/05-	V8-400-(VIN: 2) Duramax		H1 217
	3500 LT TRUCK	01/01-12/04	V8-400-(VIN: 1) Duramax		H1 203
	3500 LT TRUCK	01/05-	V8-400-(VIN: 2) Duramax		H1 217
	3500 WT TRUCK	01/01-12/04	V8-400-(VIN: 1) Duramax		H1 203
Silverado Pick-up	6.6 TDi 2500	01/09-	LMM	224	H5 092
	6.6 TDi 2500 Allrad	01/09-	LMM	224	H5 092
	6.6 TDi	01/09-	LMM	230	H5 092
	6.6 TDi 4WD	01/09-	LMM	230	H5 092
Suburban	1/2 TON C 2WD	1978	V8 5.7L 350 CID (N) FI DIESEL		H1 197
	1/2 TON C 2WD	1979 - 1981	V8 5.7L 350 CID (N) FI DIESEL		H0 711
	1/2 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL		H1 197
	1/2 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL		H1 197
	1/2 TON K 4WD	1978	V8 5.7L 350 CID (N) FI DIESEL		H1 197
	1/2 TON K 4WD	1979 - 1981	V8 5.7L 350 CID (N) FI DIESEL		H0 711
	1/2 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL		H1 197
	1/2 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL		H1 197
	3/4 TON C 2WD	1978 - 1979	V8 5.7L 350 CID (N) FI DIESEL		H1 197
	3/4 TON C 2WD	1980 - 1981	V8 5.7L 350 CID (N) FI DIESEL		H0 711
	3/4 TON K 4WD	1978 - 1979	V8 5.7L 350 CID (N) FI DIESEL		H1 197
	3/4 TON K 4WD	1980 - 1981	V8 5.7L 350 CID (N) FI DIESEL		H0 711
	3/4 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL		H1 197
	3/4 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL		H1 197
	3/4 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL		H1 197
	3/4 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL		H1 197



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**CHEVROLET (USA)**

Tahoe	C 2WD	1995	V8 6.5L (P) TBI DIESEL	H1 197
	C 2WD	1995 - 1998	V8 6.5L 395 CID (S) FI DIESEL	H1 197
	C 2WD	1995 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	K 4WD	1995	V8 6.5L (P) TBI DIESEL	H1 197
	K 4WD	1995 - 1998	V8 6.5L 395 CID (S) FI DIESEL	H1 197
	K 4WD	1995 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
Van	1 TON G	1979	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	1 TON G	1982 - 1993	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	1 TON G	1982 - 1993	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	1 TON G	1994 - 1996	V8 6.5L 395 CID (Y) FI DIESEL	H1 197
	1 TON G	1996 - 2002	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	1/2 TON G	1979	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	1/2 TON G	1982 - 1986	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	1/2 TON G	1982 - 1986	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	3/4 TON G	1979	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	3/4 TON G	1982 - 1993	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	3/4 TON G	1982 - 1993	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	3/4 TON G	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197
	3/4 TON G	1994 - 1995	V8 6.5L 395 CID (Y) FI DIESEL	H1 197
	3/4 TON G	1996 - 2002	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	CHASSIS 1 TON P	1979	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	CHASSIS 1 TON P	1982 - 1989	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	CHASSIS 1 TON P	1982 - 1993	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	CHASSIS 1 TON P	1994 - 1998	V8 6.5L 395 CID (Y) FI DIESEL	H1 197
	CHASSIS 1 TON P	1994 - 1999	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	CHASSIS 1/2 TON P	1979	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	CHASSIS 1/2 TON P	1982 - 1986	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	CHASSIS 1/2 TON P	1982 - 1986	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	CHASSIS 3/4 TON P	1979	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	CHASSIS 3/4 TON P	1982 - 1989	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	CHASSIS 3/4 TON P	1982 - 1989	V8 6.2L 379 CID (J) FI DIESEL	H1 197

CHRYSLER

300 C	3.0 CRD	09/05-11/12	M664	160	H1 122
	3.0 V6 CRD	11/10-11/12	EXL	155	H1 122
300 C Touring	3.0 CRD	09/05-12/10	M664	160	H1 122
Delta	1.6 D Multijet	08/11-	198 A2.000	88	H1 396
	2.0 D Multijet	08/11-	198 A5.000	121	H1 396
PT Cruiser	2.2 CRD	03/02-12/10	EDJ	89	H1 739
	2.2 CRD	08/05-12/10	EDJ	110	H1 739
Sebring	2.0 CRD	07/07-12/10	ECD	103	H1 993
Voyager II	2.5 TD	01/92-04/95	M00, 09B	87	H1 656
	2.5 TD	05/95-09/95	M00, 09B	87	H1 810
Voyager III	2.5 TD	01/95-04/95	425 CLIRS/X ENC	85	H1 656
	2.5 TD	05/95-03/01	425 CLIRS/X ENC	85	H1 810
	2.5 TD	04/92-04/95	VM 425 CLIRE	88	H1 656
	2,5	05/95-01/01	VM HR425 CLIRE	88	H1 810
	2.5 TD	04/92-04/92	VM HR-492	88	H1 656



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**CHRYSLER**

Voyager IV	2.5 CRD	02/00-	ENC, ENJ	105	H1 207
	2.8 CRD	06/04-	ENR	110	H1 207
Grand Voyager	2.8 CRD	10/07-	ENS	120	H1 408
	2.8 L	02/08-03/11	ENS	120	H1 408

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AX	14 D	08/91-12/97	K9Y (TUD3Y)	37	H1 638
	14 D	09/88-06/92	K9A (TUD3)	38	H1 638
	15 D	08/94-12/97	VJY (TUD5)	40	H5 114
	15 D	08/94-12/97	VJZ (TUD5)	43	H5 114
Berlingo	1.6 HDi 75	04/08-	9HT (DV6BTED4)	55	H1 166
	1.6 BlueHDi 75	04/15-	9HN (DV6ETED), BHW (DV6FE)	55	H1 368
	1.6 HDi 75	07/05-	DV6B	55	H1 166
	1.6 HDi 90	07/05-02/06	DV6ATED4	66	H1 737
	1.6 HDi 90	03/06-	DV6ATED4	66	H1 166
	1.6 HDi 90	04/08-	9HX (DV6ATED4)	66	H1 166
	1.6 Hdi 90	07/10-	9HX (DV6ATED4)	68	H1 368
	1.6 BlueHDi 100	12/14-	BHY (DV6FD)	73	H1 368
	1.6 HDi 110	04/08-	9HZ (DV6TED4)	80	H1 166
	1.6 HDi 110	07/10-	9HL, 9HR (DV6C)	82	H1 368
	1.6 Hdi 115	07/10-	9HR (DV6C)	84	H1 368
	1.6 BlueHDi 120	12/14-	BHZ (DV6FD)	88	H1 368
	1.6 HDi 115 4x4	02/12	9HR (DV6C)	84	H1 368
	1.6 HDi 90 4x4	02/12	9HF (DV6DTED)	66	H1 368
	1.8 D	07/98-	A9A (XUD7)	43	H1 086
	1.8 X	11/96-10/99		44	H1 086
	1.9 D	07/98-	WJZ (DW8), WJY (DW8B)	51	H1 731
	1.9 D 4WD	07/98-	WJZ (DW8), WJY (DW8B)	51	H1 731
	1.9 D	07/96-08/98	D9B (XUD9A/L), DJY (XUD9A)	50	H1 656
	1.9 D	09/98-	D9B (XUD9A/L), DJY (XUD9A)	50	H1 086
	2.0 Hdi 4x4	11/02-10/05		66	H1 732
	2.0 HDi 90	12/99-	RHY (DW10TD)	66	H1 732
Berlingo BOX	1.6 HDi 75	04/08-	9HT (DV6BUTED4)	55	H1 166
	1.6 HDi 90	04/08-	9HX (DV6ATED4)	66	H1 166
	1.6 HDi 90	07/10-	9HP (DV6DTED)	68	H1 368
	1.6 HDi 91	04/08-	9HZ - DV6TED4	80	H1 166
	1.6 HDi 115 4x4	02/12	-	84	H1 368
	1.6 HDi 75 4x4	02/12	9HN (DV6ETED)	55	H1 368
	1.6 HDi 90 4x4	02/12	9HF (DV6DTED)	66	H1 368
	1.8 D	07/96-08/98	A9A (XUD7)	43	H1 656
	1.8 D	09/98-	A9A (XUD7)	43	H1 086
	1.9 D	04/99-	WJZ (DW8), WJY (DW8B)	51	H1 731
	1.9 D 4WD	07/98-	WJZ (DW8), WJY (DW8B)	51	H1 731
	1.9 D	07/96-08/98	DJY (XUD9A)	51	H1 656
	1.9 D	09/98-	DJY (XUD9A)	51	H1 086
	2.0 HDi 90	12/99-	RHY (DW10TD)	66	H1 732
	2.0 HDi 90 4WD	11/00-	RHY (DW10TD)	66	H1 732
Berlingo VAN	1.6 L	10/08-09/12	9HF (DV6DTED)	66	H1 368



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Berlingo VAN	1.6 L	06/15-	9HN (DV6ETED)	55	H1 368
	1.6 L	06/15-	9HF (DV6DUTED)	66	H1 368
BX	1.8 D	10/85-09/93	161 (XUD7)	44	H1 002
	18 TRD Turbo	03/88-02/93	A8A (XUD7TE), AJZ (XUD7TE)	66	H1 002
	19 D	09/83-12/87	162 (XUD9), D9A (XUD9)	47	H1 002
	19 D	03/87-02/93	D9B (XUD9A/U)	51	H1 002
	18 TRD Turbo	03/88-12/94	A8A (XUD7TE), AJZ (XUD7TE)	66	H1 002
BX Break	18 D	10/85-09/93	161 (XUD7)	44	H1 002
	19 D	09/83-12/87	162 (XUD9), D9A (XUD9)	47	H1 002
	19 D	03/87-12/94	D9B (XUD9A/U)	51	H1 002
	18 TRD Turbo	03/88-12/94	A8A (XUD7TE), AJZ (XUD7TE)	66	H1 002
C - Crosser	2.2 HDi	02/07-	4HN (DW12MTED4)	115	H1 193
	2.2 HDi	02/07-	4HN (DW12MTED4)	115	H1 193
C - Elysee	1.6 HDi	11/12-	9HJ (DV6DTEDM), 9HP (DV6TED)	68	H1 368
	1.6 BlueHDi 100	11/14-	BHY (DV6FD)	73	H1 368
C1	1.4 HDi	06/05-	DV4D	40	H1 166
C2	1.4 HDi	09/03-	8HX (DV4TD)	50	H1 737
	1.6 HDi	09/05-	9HZ-DV6TED4	80	H1 737
	1.6 HDi	07/07-	9HZ-DV6TED4	80	H1 166
C3	1.4 HDi	11/09-	8HZ (DV4TD)	50	H1 166
	1.4 e-Hdi	01/13-	DV4C	50	H1 166
	1.6 HDi	11/09-	DV6ATED4	66	H1 166
	1.6 HDi	11/09-	9HP (DV6DTEDM)	68	H1 166
	1.6 HDi 90	11/09-	9HP (DV6DTEDM)	68	H1 368
	1.6 HDi 110	11/09-	9HR (DV6C)	82	H1 368
C3 Hatchback	1.6 L	04/13-	BHW (DV6FE)	55	H1 368
	1.6 L	04/13-	BHY (DV6FD)	74	H1 368
	1.6 L	10/16-	DV6FD BE	74	H1 368
	1.6 L	10/16-	DV6FE-C	55	H1 368
C3 (FC_)	1.4 HDi	02/02-	8HX (DV4TD)	50	H1 737
	1.4 HDi 16V	02/02-	8HY (DV4TED4)	66	H1 737
	1.6 HDi 16V	10/05-	DV6TED4	66	H1 737
	1.6 HDi 16V	09/05-	DV6TED4	80	H1 737
C3 Picasso	1.6 HDi	02/09-	9HX (DV6ATED4)	66	H1 166
	1.6 HDi 90	07/10-	9HP (DV6DTEDM)	68	H1 368
	1.6 BlueHDi 100	01/15-	BHY (DV6FD)	73	H1 368
	1.6 HDi 110	05/10-	9HR (DV6C)	82	H1 368
	1.6 HDi 115	01/13-	9HD (DV6C)	84	H1 368
	1.6 HDi	02/09-	9HZ-DV6TED4	80	H1 166
	1.6 L	10/12-	BHY (DV6FD)	75	H1 368
C3 Pluriel	1.4 HDi	04/04-	8HX (DV4TD) → Org.Nr. 10220	50	H1 737
	1.4 HDi	04/04-	8HX (DV4TD) Org.Nr. 10221 →	50	H1 166
C3 II	1.6 HDi	11/09-	9HP (DV6DTEDM)	68	H1 368
	1.6 HDi 110	11/09-	9HR (DV6C)	82	H1 368
	1.6 HDi 115	09/12-	9HD (DV6C)	84	H1 368
C3 III (SX)	1.6 BlueHDi 100	07/16	BHY (DV6FD)	73	H1 368
	1.6 BlueHDi 75	07/16	BHW (DV6FE)	55	H1 368
C4 II (B7)	1.6 HDi 90	11/09-	9HP (DV6DTEDM)	68	H1 368



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C4 II (B7)	1.6 BlueHDi 100	07/14-	BHY (DV6FD)	73	H1 368
	1.6 HDi 110	11/09-	9HR (DV6C)	82	H1 368
	1.6 HDi 115	07/12-	9HR (DV6C)	84	H1 368
	1.6 BlueHDi 120	08/14-	BHX (DV6FC)	88	H1 368
	1.6 BlueHDi 120	02/15-	BHZ (DV6FC)	88	H1 368
	2.0 HDi 150	11/09-	RHE (DW10CTED4)	110	H1 368
C4 (LC_)	1.6 HDi 90	11/04-	9HX (DV6ATED4)	66	H1 732
	1.6 HDi 110 FAP	11/04-02/06	9HZ / 9HY (DV6TED4)	80	H1 737
	1.6 HDi 110 FAP	03/06-	9HZ / 9HY (DV6TED4)	80	H1 166
	1.6 e-Hdi	07/12-	DV6	85	H1 368
	2.0 HDi 135 FAP	11/04-	DW10BTED4, RHR (DW10BTED4)	100	H1 732
	2.0 HDi	07/08-		103	H1 732
C4 Aircross	HDi 115	04/12-	9HL (DV6C)	84	H1 368
	HDi 115 AWC	05/12-	9HL (DV6C)	84	H1 368
C4 CACTUS	1.6 HDi 90	09/14-	9HP (DV6DTEd)	68	H1 368
	1.6 BlueHDi 100	09-14-	BHY (DV6FD)	73	H1 368
C4 Coupe (LA_)	1.6 HDi 90	11/04-	9HX (DV6ATED4)	66	H1 732
	1.6 HDi 110 FAP	11/04-	9HY (DV6TED4), 9HZ-DV6TED4, DV6TED4	80	H1 737
	2.0 HDi 135 FAP	11/04-	DW10BTED4, RHR (DW10BTED4)	100	H1 732
	2.0 HDi	07/08-	RHF (DW10BTED4)	103	H1 732
C4 Picasso I (UD_)	1.6 HDi	02/07-	9HY (DV6TED4), 9HZ-DV6TED4	80	H1 166
	1.6 e-HDi	09/10-	DV6	82	H1 368
	1.6 HDi 110	09/10-	9HR (DV6C)	82	H1 368
	2.0 HDi	02/07-	RHJ-DW10BTED4, RHR (DW10BTED4)	100	H1 732
	2.0 HDi 150	07/09-	RHE (DW10CTED4)	110	H1 368
	2.0 HDi 165	09/10-	RHH (DW10CTED4)	120	H1 368
	2.0 HDi FAP	9/10-	DW10CTED4	120	H1 368
C4 Picasso II	1.6 HDi 90	02/13-	9HP (DV6DTEd)	68	H1 368
	1.6 BlueHDi 100	12/14-	BHY (DV6FD)	73	H1 368
	1.6 HDi 115	02/13-	9HC (DV6C)	85	H1 368
	1.6 BlueHDi 120	07/14-	BHZ (DV6FC)	88	H1 368
	2.0 BlueHDi 135	09/13-	AHV (DW10FDD)	100	H1 368
	2.0 BlueHDi 150	09/13-	AHX (DW10FD)	110	H1 368
C4 Grand Picasso I (UA_)	1.6 HDi 110 FAP	10/06-	9HY (DV6TED4), 9HZ-DV6TED4	80	H1 737
	1.6 HDi	09/10-	9HL, 9HR (DV6C)	82	H1 368
	2.0 HDi 138 FAP	10/06-	RHJ-DW10BTED4, RHR (DW10BTED4)	100	H1 732
	2.0 HDi 150	07/09-	RHE (DW10CTED4)	110	H1 368
	2.0 HDi 165	09/10-	RHH (DW10CTED4)	120	H1 368
C4 Grand Picasso II	1.6 HDi 90	09/13-	9HP (DV6DTEd)	68	H1 368
	1.6 BlueHDi 100	01/15-	BHY (DV6FD)	73	H1 368
	1.6 HDi 115	09/13-	9HC (DV6C)	85	H1 368
	1.6 BlueHDi 120	07/14-	BHZ (DV6FC)	88	H1 368
	2.0 BlueHDi 135	09/13-	AHX (DW10FD)	100	H1 368
	2.0 BlueHDi 150	09/13-	AHX (DW10FD)	110	H1 368
C4 Saloon	1.6 HDi	07/06-	DV6TED4	80	H1 166
C5 I (DC)	2.0 HDi	03/01-08/04	RHY (DW10TD)	66	H1 732
	2.0 HDi	03/01-08/04	RHS (DW10ATED), RHZ (DW10ATED)	79	H1 732



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C5 I (DC)	2.0 HDi	03/01-08/04	RHZ (DW10ATED)	80	H1 732
	2.2 HDi	03/01-08/04	4HX (DW12TED4/FAP)	98	H1 732
C5 I Break (DE)	2.0 HDi	06/01-08/04	RHY (DW10TD)	66	H1 732
	2.0 HDi	06/01-08/04	RHS (DW10ATED4/FAP)	79	H1 732
	2.0 HDi	06/01-08/04	RHZ (DW10ATED)	80	H1 732
	2.2 HDi	06/01-08/04	4HX (DW12TED4/FAP)	98	H1 732
	2.2 HDi	06/01-08/04	4HX (DW12TED4/FAP)	98	H1 732
C5 I Estate (DE_)	2.0 HDi	06/01-08/04	RHY (DW10TD)	66	H1 732
	2.0 HDi	06/01-08/04	RHS (DW10ATED), RHZ (DW10ATED)	79	H1 732
	2.0 HDi	06/01-08/04	RHZ (DW10ATED)	80	H1 732
	2.2 HDi	06/01-08/04	4HX (DW12TED4/FAP)	98	H1 732
	3.0 L	04/08-06/12	X8Z	177	H5 150
C5 Saloon	3.0 L	04/08-06/12	X8Z	177	H5 150
C5 II (RC_)	1.6 HDi	09/04-	DV6TED4	80	H1 737
	2.0 HDi	09/04-	DW10BTED4	100	H1 992
	2.2 HDi	04/06-	4TH (DW12BTED4)	125	H1 193
	2.2 HDi	09/04-	4HX (DW12TED4/FAP)	98	H1 732
C5 II Break (RE)	1.6 HDi	09/04-	9HY (DV6TED4)	80	H1 737
	2.0 HDi	09/04-	RHR (DW10BTED4)	100	H1 992
	2.2 HDi	04/06-	4HT (DW12BTED4)	125	H1 193
	2.2 HDi	09/04-	4HX (DW12TED4/FAP)	98	H1 732
C5 III (RD_)	1.6 HDi	02/08-	DV6TED4	80	H1 166
	1.6 Hdi 110	07/10-	9HR (DV6C)	82	H1 368
	1.6 HDi 115	01/12-	9HR (DV6C)	84	H1 368
	2.0 HDi	02/08-	DW10BTED4	100	H1 992
	2.0 HDi	04/09-	RHF (DW10BTED4)	103	H1 732
	2.0 HDi	04/09-	AHR (DW10FD), RHE (DW10CTED4)	110	H1 368
	2.0 Hdi 165	04/09-	RHH (DW10CTED4)	120	H1 368
	2.0 HDi 180	03/15-	AHW (DW10FC)	133	H1 368
	2.2 HDi	02/08-	4HT (DW12BTED4)	125	H1 193
	2.2 HDi	07/10-	4HL / (DW12C)	150	H1 369
	2.7 HDi	02/08-	DT17ED4	150	H1 944
	3.0 Hdi 240	04/09	DT20C	177	H5 150
C5 III Break (TD)	1.6 HDi	02/08-	9HZ-DV6TED4, DV6TED4	80	H1 166
	1.6 Hdi 110	07/10-	9HR (DV6C)	82	H1 368
	1.6 HDi 115	01/12-	9HR (DV6C)	84	H1 368
	2.0 HDi	02/08-	DW10BTED4, RHR (DW10BTED4)	100	H1 992
	2.0 HDi	04/09-	RHF (DW10BTED4)	103	H1 732
	2.0 HDi 150	04/09-	RHE (DW10CTED4)	110	H1 368
	2.0 HDi 165	04/09-	RHH (DW10CTED4)	120	H1 368
	2.0 HDi 180	03/15-	AHW (DW10FC)	133	H1 368
	2.2 HDi	02/08-	4HT (DW12BTED4)	125	H1 193
	2.2 HDi	07/10-	4HL / (DW12C)	150	H1 369
	2.7 HDi	02/08-	DT17ED4, UHZ (DT17BTED4)	150	H1 944
	3.0 Hdi 240	04/09	DT20C	177	H5 150
C6 (TD_)	2.2 HDi	06/06-	4HT (DW12BTED4)	125	H1 193
	2.7 HDi 205 FAP	09/05-	DT17ED4, UHZ (DT17BTED4)	150	H1 944
	3.0 Hdi	04/09	DT20C	177	H5 150



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C6 (TD_)	3.0 L	03/06-	DT20C	177	H5 150
C8 (EA_, EB_)	2.0 HDi	07/02-	RHM (DW10ATED4), RHT (DW10ATED4), RHW (DW10ATED4)	79	H1 732
	2.0 HDi	02/07-	RHK (DW10UTED4)	88	H1 732
	2.0 HDi	03/06-	RHR (DW10BTED4)	100	H1 992
	2.0 HDi 165	06/10-	RHE, RHH (DW10CTED4)	120	H1 368
	2.2 HDi	07/02-04/03	4HW (DW12TED4/FAP)	94	H1 732
	2.2 HDi	05/03-	4HW (DW12TED4/FAP)	94	H1 992
	2.2 HDi	06/06-	4HT (DW12BTED4)	125	H1 193
C-CROSSER	2.2 HDi	02/07-	4HN (DW12MTED4)	115	H1 193
C-CROSSER ENTERPRISE	2.2 HDi	01/09-	4HN (DW12MTED4)	115	H1 193
C 15	1.8 D	07/86-12/00	161A (XUD7)	44	H1 002
	1.9 D	12/00-12/05	WJX(DW8B)	44	H1 731
C 25	1.9 D	07/87-02/94	XUD 9A	51	H1 002
	2.5 D	07/81-02/94	CRD 93 L (U25-661)	54	H0 605
	2.5 TD	08/87-02/94	CRD 93 LS (U25-673)	70	H0 605
	1.9 D	04/92-02/94	M705	60	H1 656
	2.5 L	04/87-03/91	U25/673	70	H0 605
	2.5 L 4x4	04/87-03/91	U25/673	70	H0 605
	2.5 L	03/91-06/94	U25/673	70	H0 605
C 25 Bus	1.9 D	07/87-02/94	D9B (XUD9A/U)	51	H1 002
	2.5 D	10/85-02/94	CRD93L (U25-661)	54	H0 605
	2.5 D 4X4	01/87-02/94	CRD93L (U25-661)	54	H0 605
	2.5 D Turbo	08/87-02/94	CRD93LS (U25-673)	70	H0 605
	2.5 D Turbo 4X4	08/87-02/94	CRD93LS (U25-673)	70	H0 605
C 35	2.5 D	02/80-01/94	B25637	51	H0 605
C 45	2.5 D	1982		50	H0 605
CX I	2200 D	10/75-02/79	M22-621	49	H1 194
	2500 D	02/78-07/79	M25-629	55	H1 194
	2500 D	02/78-08/79	M25-629	55	H0 605
	25 D Turbo	04/83-08/85	M25-648	70	H0 605
CX I Break	2200 D	08/76-02/79	M22-621	49	H1 194
	2500 D	02/78-08/85	M25-629	55	H0 605
	25 D Turbo	04/83-08/85	M25-648	70	H0 605
CX II	25 D	08/85-12/92	M25-660	54	H0 605
	25 D Turbo	08/85-12/86	M25-648	70	H0 605
	25 D Turbo	01/87-12/92	M25-669	88	H0 605
CX II Break	25 D	05/86-12/92	M25-660	54	H0 605
	2500 D Turbo	08/85-12/86	M25-648	70	H0 605
	25 D Turbo 2	01/87-12/92	M25-669	88	H0 605
DS3	1.4 HDi 70	04/10-07/15	8HR (DV4C)	50	H1 368
	1.6 HDi 90	11/09-07/15	9HP (DV6DTED)	68	H1 368
	1.6 BlueHDi 100	07/14-07/15	BHY (DV6FD)	73	H1 368
	1.6 HDi 110	11/09-07/15	9HR (DV6C)	82	H1 368
	1.6 HDi 115	08/12-07/15	9HL (DV6C)	84	H1 368
	1.6 HDi 115	10/13-07/15	BHX (DV6FC)	85	H1 368
	1.6 BlueHDi 120	10/13-07/15	BHZ (DV6FC)	88	H1 368



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DS3	1.6 BlueHDi 75	03/15-07/15	BHW (DV6FE)	55	H1 368
DS3 Convertible	1.6 HDi 90	01/13-07/15	9HP (DV6DTE)	69	H1 368
	1.6 BlueHDi 100	07/14-07/15	BHY (DV6FD)	73	H1 368
	1.6 BlueHDi 115	10/13-07/15	BHX (DV6FC)	85	H1 368
	1.6 BlueHDi 120	07/14-07/15	BHZ (DV6FC)	88	H1 368
DS4	1.6 HDi 90	05/11-07/15	9HP (DV6DTE)	68	H1 368
	1.6 e-Hdi 110	04/11-07/15		81	H1 368
	1.6 HDi 110	04/11-07/15	9HR (DV6C)	82	H1 368
	1.6 HDi 115	08/12-07/15	9HL (DV6C)	84	H1 368
	1.6 HDi FAP	03/11-07/15	DV6	120	H1 368
	1.6 BlueHDi 120	07/14-07/15	BHZ (DV6FC)	88	H1 368
	2.0 HDi 135	09/11-07/15	RHE (DW10CTED4)	100	H1 368
	2.0 BlueHDi 150	07/14-07/15	AHX (DW10FD)	110	H1 368
	2.0 HDi 165	04/11-07/15	RHH (DW10CTED4)	120	H1 368
	2.0 HDi 160	04/11-07/15	CW10CTED4	120	H1 368
	2.0 BlueHDi 180	07/14-07/15	AHW (DW10FC)	133	H1 368
DS5	1.6 HDi 110	11/11-07/15	9HR (DV6C)	82	H1 368
	1.6 HDi 115	06/12-07/15	9HD (DV6C)	84	H1 368
	1.6 BlueHDi 120	07/14-07/15	BHZ (DV6FC)	88	H1 368
	1.6 HDi	11/13-07/15	BHX (DV6FC)	85	H1 368
	2.0 HDi 135	11/11-07/15	RHD (DW10CB)	100	H1 368
	2.0 HDi 135 Hybrid4 4x4	12/11-07/15	AHS (DW10FD)	100	H1 368
	2.0 BlueHDi 150	07/14-07/15	AHX (DW10FD)	110	H1 368
	2.0 HDi 150 Hybrid	11/11-07/15	AHX (DW10FD)	110	H1 368
	2.0 HDi 165	11/11-07/15	RHH (DW10CTED4)	120	H1 368
	2.0 HDi 165 Hybrid4 4X4	12/11-07/15	RHC (DW10CTED4)	120	H1 368
	2.0 BlueHDi 180	08/13-07/15	AHW (DW10FC)	133	H1 368
	2.0 BlueHDi 200 Hybrid4	12/11-07/15		147	H1 368
Evasion	1.9 TD	10/95-12/98	D8B (XUD9TF)	68	H1 656
	1.9 TD	11/94-08/98	DHX (XUD9TF/BTF), D8B (XUD9TF)	66	H1 656
	1.9 TD	09/98-07/02	DHX (XUD9TF/BTF), D8B (XUD9TF)	66	H1 086
	2.0 HDi	08/99-07/02	RHZ (DW10ATED)	80	H1 732
	2.0 TD	05/97-07/02		68	H1 656
	2.1 TD	05/96-08/98	P8C (XUD11BTE)	80	H1 656
	2.1 TD	09/98-07/02	P8C (XUD11BTE)	80	H1 086
JUMPER Box	2.2 HDi 100	04/06-	4HV	74	H1 705
	2.2 HDi 120	04/06-	4HU	88	H1 705
	2.2 HDi 110	07/11-	4HG	81	H5 015
	2.2 HDi 130	07/11-	4HH (P22DTE)	96	H5 015
	2.2 HDi 150	07/11-	4HJ (P22DTE)	110	H5 015
	3.0 HDi 145	07/10-	F1CE3481N	107	H1 815
	3.0 HDi 155	07/10-	F1CE0481D (F30DT)	115	H1 815
	3.0 HDi 160	09/06-	F1CE0481D (F30DT)	116	H1 815
	3.0 HDi 180	07/11-	F1CE0481D	130	H1 815
JUMPER Box (230L)	1.9 D	07/99-04/02	D9B (XUD9A/U)	50	H1 086
	1.9 D	02/94-08/98	D9B (XUD9A/U)	51	H1 656
	1.9 D	09/98-04/02	D9B (XUD9A/U)	51	H1 086



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JUMPER Box (230L)	1.9 TD	03/94-08/98	DHX (XUD9TF/BTF)	66	H1 656
	1.9 TD	09/98-04/02	DHX (XUD9TF/BTF)	66	H1 086
	1.9 TD	03/94-08/98	D8C (XUD 9 TFU)	68	H1 656
	1.9 TD	09/98-04/02	D8C (XUD 9 TFU)	68	H1 086
	2.0 HDi	11/01-04/02	DW10UTD	62	H1 732
	2.5 D	03/94-04/02	T9A (DJ 5)	63	H1 656
	2.5 D 4X4	03/00-04/02	T9A (DJ 5)	63	H1 656
	2.5 TD	03/94-08/98	T8A (DJ 5T)	76	H1 656
	2.5 TD	09/98-04/02	T8A (DJ 5T)	76	H1 086
	2.5 TDI	12/96-11/00	THX (DJ 5TED)	79	H1 693
	2.5 TDI 4X4	03/00-11/00	THX (DJ 5TED)	79	H1 693
	2.8 D	01/99-02/02	8140.63 (F28D)	64	H1 808
	2.8 HDi	09/00-04/02	8140.43S	94	H1 808
	2.8 HDi 4X4	09/00-04/02	8140.43S	94	H1 808
JUMPER Box (244)	2.0 HDi	04/02-	DW10UTD	62	H1 732
	2.2 HDi	04/02-	DW12TED	74	H1 732
	2.8 HDi	04/02-	8140.43S	94	H1 808
	2.8 HDi 4X4	04/02-	8140.43S	94	H1 808
	2.8 HDi	05/04-	8140.43S	107	H1 808
JUMPER Bus	2.2 HDi 100	04/06-	4HV	74	H1 705
	2.2 HDi 120	04/06-	4HU	88	H1 705
	2.2. HDi 110	07/11-	4HG	81	H5 015
	2.2. HDi 130	07/11-	4HH (P22DTE)	96	H5 015
	2.2. HDi 150	07/11-	4HJ (P22DTE)	110	H5 015
	3.0 HDi 155	07/10-	F1CE0481D (F30DT)	115	H1 815
	3.0 HDi 160	09/06-	F1CE0481D (F30DT)	116	H1 815
	3.0 HDi 180	07/11-	F1CE0481D	130	H1 815
JUMPER Bus (230P)	1.9 D	01/99-04/02	D9B (XUD9A/U)	51	H1 086
	1.9 TD	08/94-08/98	D8C (XUD 9 TFU)	66	H1 656
	1.9 TD	09/98-04/02	D8C (XUD 9 TFU)	66	H1 086
	1.9 TD	02/94-08/98	D8C (XUD 9 TFU)	68	H1 656
	1.9 TD	09/98-04/02	D8C (XUD 9 TFU)	68	H1 086
	1.9 TD 4X4	08/96-08/98	D8C (XUD 9 TFU)	68	H1 656
	1.9 TD 4X4	09/98-04/02	D8C (XUD 9 TFU)	68	H1 086
	2.5 D	08/94-04/02	T9A (DJ 5)	63	H1 656
	2.5 D 4X4	08/96-04/02	T9A (DJ 5)	63	H1 656
	2.5 TD	08/94-04/02	T8A (DJ 5T)	76	H1 656
	2.5 TD 4X4	08/96-04/02	T8A (DJ 5T)	76	H1 656
	2.5 TDI	12/96-11/00	THX (DJ 5TED)	79	H1 693
	2.5 TDI 4X4	12/96-11/00	THX (DJ 5TED)	79	H1 693
	2.8 D	01/99-02/02	8140.63 (F28D)	64	H1 808
	2.8 HDi	09/00-04/02	8140.43S	94	H1 808
	2.8 HDi 4X4	09/00-04/02	8140.43S	94	H1 808
JUMPER Bus (244, Z_)	2.0 HDi	04/02-	DW10UTD	62	H1 732
	2.2 HDi	04/02-	DW12TED	74	H1 732
	2.8 HDi	04/02-	8140.43S	94	H1 808
	2.8 Hdi All-wheel Drive	04/02-	8140.43S	94	H1 808



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JUMPER Flatbed/Chassis	2.2 HDi 100	04/06-	4HV	74	H1 705
	2.2 HDi 120	04/06-	4HU	88	H1 705
	2.2. HDi 110	07/11-	4HG (P22DTE)	81	H5 015
	2.2. HDi 130	07/11-	4HH (P22DTE)	96	H5 015
	2.2. HDi 150	07/11-	4HJ (P22DTE)	110	H5 015
	3.0 HDi 145	07/10-	F1CE3481N	107	H1 815
	3.0 HDi 160	09/06-	F1CE0481D (F30DT)	116	H1 815
	3.0 HDi 180	07/11-		130	H1 815
JUMPER Flatbed/Chassis (230)	1.9 TD	03/94-08/98	DHX (XUD9TF/BTF)	66	H1 656
	1.9 TD	09/98-04/02	DHX (XUD9TF/BTF)	66	H1 086
	1.9 TD	03/94-04/02	D8C (XUD 9 TFU)	68	H1 656
	2.5 D	03/94-04/02	T9A (DJ 5)	63	H1 656
	2.5 D 4X4	03/00-04/02	T9A (DJ 5)	63	H1 656
	2.5 TD	03/94-04/02	T8A (DJ 5T)	76	H1 656
	2.5 TDI	12/96-04/02	THX (DJ 5TED)	79	H1 693
	2.5 TDI 4X4	03/00-04/02	THX (DJ 5TED)	79	H1 693
	2.8 D	01/99-02/02	8140.63 (F28D)	64	H1 808
	2.8 HDi	10/00-01/02	8140.43S	93	H1 808
	2.8 HDi	09/00-04/02	8140.43S	94	H1 808
JUMPER Flatbed/Chassis (244)	2.0 HDi	04/02-	DW10UTD	62	H1 732
	2.2 HDi	04/02-	DW12TED	74	H1 732
	2.8 HDi	04/02-	8140.43S	94	H1 808
	2.8 Hd 4x4	02/02-06/06	F28TDCR	94	H1 808
	2.8 HDi	05/04-	8140.43N	107	H1 808
Jumpy	1.6 HDi 90	01/07-	9HH (DV6DUM), 9HM(DV6UC)	66	H1 368
	1.6 BlueHdi 95	04/16-	BHV (DV6FDU)	70	H1 368
	1.6 BlueHdi 115	04/16-	BHX (DV6FCU)	85	H1 368
	1.9 D	04/98-	WJZ (DW8)	51	H1 731
	1.9 D	10/95-04/98	D9B (XUD9A/U)	51	H1 086
	1.9 TD	10/95-08/98	DHX (XUD9TF/BTF)	66	H1 656
	1.9 TD	09/98-	DHX (XUD9TF/BTF)	66	H1 086
	1.9 TD	04/96-08/98	D8B (XUD9TF)	68	H1 656
	1.9 TD	09/98-	D8B (XUD9TF)	68	H1 086
	2.0 HDi	10/99-	RHX	69	H1 732
	2.0 Hd 125	07/11-	AHZ (DW10CD)	94	H1 368
	2.0 HDi	03/00-	RHZ (DW10ATED)	80	H1 732
	2.0 HDi 120	01/07-	RHK (DW10UTED4)	88	H1 732
	2.0 Hd 165	07/10-	RHH (DW10CTED4)	120	H1 368
	2.0 Hd 95	07/11-	AHY (DW10CE)	72	H1 368
	2.0 HDi 140	01/07-	RHR (DW10BTED4)	100	H1 732
	2.0 BlueHdi 120	04/16-	AHJ (DW10FE), AHK (DW10FE)	90	H1 368
Jumpy BOX	1.9 D	04/98-	WJZ (DW8), WJY (DW8B)	51	H1 731
	1.9 TD	10/95-08/98	DHX (XUD9TF/BTF)	66	H1 656
	1.9 TD	09/98-	DHX (XUD9TF/BTF)	66	H1 086
	2.0 HDi	10/99-	RHX	69	H1 732
	2.0 HDi	01/02-	RHZ (DW10ATED)	80	H1 732
	1.6 HDi 90	01/07-		66	H1 166



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Jumpy BOX	2.0 HdI 95	07/11-	AHY (DW10CE)	72	H1 368
	2.0 HDi 120	01/07-	RHK (DW10UTED4)	88	H1 732
	2.0 HdI 125	07/11-	AHZ (DW10CD)	94	H1 368
	2.0 HDi 140	01/07-	RHR (DW10BTED4)	100	H1 732
	2.0 HDi 165	07/10-	RHH (DW10CTED4)	120	H1 368
Jumpy Flatbed/Chassis	1.9 TD	10/99-	D8B (XUD9TF)	68	H1 086
	2.0 HDi	10/99-	RHX	69	H1 732
Jumpy Multispace	2.0 HdI	02/12-		72	H1 368
	2.0 HdI	02/12-		94	H1 368
	2.0 HdI	02/12-		120	H1 368
Nemo Estate	1.3 HDi 75	10/10-	F13DTE5 (FHZ)	55	H5 025
Nemo Box	1.3 HDi 75	10/10-	F13DTE5 (FHZ)	55	H5 025
Relay	2.2L Chassis Cab	05/14-	4HH	96	H5 015
	2.2L Chassis Cab	05/14-	4HJ	110	H5 015
	2.2L Chassis Cab	05/14-	4HG	81	H5 015
	2.0L Chassis Cab	05/14-	2MF (DW10FUD)	96	H1 368
	2.0L Chassis Cab	05/14-	3MF (DW10FUC)	118	H1 368
	2.0L Chassis Cab	05/14-	1MF (DW10FUE)	81	H1 368
	2.2 L Double Cab	05/14-	4HH	96	H5 015
	Dropside Truck				
	2.0 L Double Cab	05/14-	2MF (DW10FUD)	96	H1 368
	Dropside Truck				
	2.2 L Double	05/14-	4HH	96	H5 015
	Chassis Cab				
	2.0 L Double	05/14-	2MF (DW10FUD)	96	H1 368
	Chassis Cab				
	2.2 L Dropside Truck	05/14-	4HH	96	H5 015
	2.2 L Dropside Truck	05/14-	4HJ	110	H5 015
	2.0 L Dropside Truck	05/14-	2MF (DW10FUD)	96	H1 368
	2.0 L Dropside Truck	05/14-	3MF (DW10FUC)	118	H1 368
	2.2 L HR Panel Van	05/14-	4HH	96	H5 015
	2.0 L HR Panel Van	05/14-	2MF (DW10FUD)	96	H1 368
	2.2 L Luton Van	05/14-	4HH	96	H5 015
	2.2 L Luton Van	05/14-	4HJ	110	H5 015
	2.2 L Luton Van	05/14-	2MF (DW10FUD)	96	H1 368
	2.2 L Luton Van	05/14-	3MF (DW10FUC)	118	H1 368
	2.2 L MR Panel Van	05/14-	4HH	96	H5 015
	2.2 L MR Panel Van	05/14-	4HJ	110	H5 015
	2.2 L MR Panel Van	05/14-	4HG	81	H5 015
	2.0 L MR Panel Van	05/14-	2MF (DW10FUD)	96	H1 368
	2.0 L MR Panel Van	05/14-	3MF (DW10FUC)	118	H1 368
	2.0 L MR Panel Van	05/14-	1MF (DW10FUE)	81	H1 368
	2.0 L MR Panel Van	05/14-		95	H1 368
	2.2 L Panel Van	05/14-	4HG	81	H5 015
	2.2 L Panel Van	05/14-	4HH	96	H5 015
	2.0 L Panel Van	05/14-	1MF (DW10FUE)	81	H1 368
	2.0 L Panel Van	05/14-	2MF (DW10FUD)	96	H1 368



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Relay	2.2 L Tipper	05/14-	4HH	96	H5 015
	2.0 L Tipper	05/14-	2MF (DW10FUD)	96	H1 368
Saxo	1.5 D	09/96-09/03	VJZ (TUD5)	40	H5 114
	1.5 D	09/96-06/01	VJZ (TUD5)	42	H5 114
Spacetourer	1.6 BlueHDi 95	04/16-		70	H1 368
	1.6 BlueHDi 115	04/16-		85	H1 368
	2.0 BlueHDi 150	04/16-		110	H1 368
	2.0 BlueHDi 180	04/16-		130	H1 368
	1.6 L	08/16-	BHX (DV6FCU)	85	H1 368
	1.6 L	08/16-	(DV6FDU)	70	H1 368
	2.0 L	08/16-	AHX (DW10FD)	110	H1 368
Visa	17 D	04/84-03/91	161A (XUD7)	44	H1 002
Xantia (X1)	1.9 D	06/94-01/98	DJZ (XUD9Y)	50	H1 002
	1.9 D	06/94-05/95	D9B (XUD9A/L)	51	H1 002
	1.9 D	06/95-06/95	D9B (XUD9A/L)	51	H1 656
	1.9 SD	02/96-01/98	DHW (XUD9SD)	55	H1 656
	1.9 Turbo D	10/94-01/98	DHX (XUD9TF/BTF), DHY (XUD9TE/Y)	66	H1 656
	2.1 Turbo D 12V	06/95-01/98	P8C (XUD11BTE)	80	H1 656
Xantia Break (X1)	1.9 SD	04/97-01/98	DHW (XUD9SD)	55	H1 656
	1.9 Turbo D	06/95-01/98	D8B (XUD9TF), DHX (XUD9TF/BTF), DHY (XUD9TE/Y)	66	H1 656
	2.1 Turbo D 12V	06/96-01/98	P8C (XUD11BTE)	80	H1 656
Xantia (X2)	1.9 SD	01/98-08/98	DHW (XUD9SD)	55	H1 656
	1.9 SD	09/98-	DHW (XUD9SD)	55	H1 086
	1.9 Turbo D	01/98-08/98	DHX (XUD9TF/BTF), DHY (XUD9TE/Y)	66	H1 656
	1.9 Turbo D	09/98-	DHX (XUD9TF/BTF), DHY (XUD9TE/Y)	66	H1 086
	2.0 HDi 90	03/99-04/03	RHY (DW10TD)	66	H1 732
	2.0 HDi 109	02/99-	RHZ (DW10ATED)	80	H1 732
	2.1 Turbo D 12V	01/98-08/98	P8C (XUD11BTE)	80	H1 656
	2.1 Turbo D 12V	09/98-02/99	P8C (XUD11BTE)	80	H1 086
Xantia Break (X2)	1.9 SD	01/98-08/98	DHW (XUD9SD)	55	H1 656
	1.9 SD	09/98-	DHW (XUD9SD)	55	H1 086
	1.9 Turbo D	01/98-08/98	D8B (XUD9TF), DHX (XUD9TF/BTF)	66	H1 656
	1.9 Turbo D	09/98-04/03	D8B (XUD9TF), DHX (XUD9TF/BTF)	66	H1 086
	2.0 HDi 90	03/99-04/03	RHY (DW10TD)	66	H1 732
	2.0 HDi 109	02/99-	RHZ (DW10ATED)	80	H1 732
	2.1 Turbo D 12V	01/98-02/99	P8C (XUD11BTE)	80	H1 086
Xsara	1.4 HDi	01/03-03/05	8HX (DV4TD)	50	H1 737
	1.5 D	04/97-09/00	VJZ (TUD5)	42	H1 086
	1.8 D	04/97-09/00	161A (XUD7), A9A (XUD7)	43	H1 086
	1.8 TD	10/97-09/00		66	H1 086
	1.9 D	07/98-03/05	WJY (DW8B), WJZ (DW8)	51	H1 731
	1.9 D	04/97-09/00	DJY (XUD9A)	50	H1 086
	1.9 SD	01/98-09/00	DHV (XUD9BSD)	55	H1 086
	1.9 TD	04/97-09/00	DHY (XUD9TE/Y)	66	H1 086
	2.0 HDi 90	02/99-03/05	RHY (DW10TD)	66	H1 732
	2.0 HDi109	05/01-	RHZ (DW10ATED)	80	H1 732



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Xsara Break	1.4 HDi	01/03-	8HX (DV4TD)	50	H1 737
	1.5 D	10/97-09/00	VJZ (TUD5)	42	H1 086
	1.8 D	10/97-09/00	A9A (XUD7)	43	H1 086
	1.9 D	07/98-08/05	WJY (DW8B), WJZ (DW8)	51	H1 731
	1.9 D	10/97-09/00	DJY (XUD9A)	50	H1 086
	1.9 D	01/98-09/00	DHV (XUD9BSD)	55	H1 086
	1.9 TD	10/97-09/00	DHY (XUD9TE/Y)	66	H1 086
	2.0 HDi 90	02/99-	RHY (DW10TD)	66	H1 732
	2.0 HDi109	05/01-	RHZ (DW10ATED)	80	H1 732
Xsara Coupe	1.4 HDi	01/03-	8HX (DV4TD)	50	H1 737
	1.9 D	02/99-03/05	WJY (DW8B), WJZ (DW8)	51	H1 731
	1.9 D	02/98-09/00	DJY (XUD9A)	50	H1 086
	1.9 TD	02/98-09/00	DHY (XUD9TE/Y)	66	H1 086
	2.0 HDi 90	02/99-	RHY (DW10TD)	66	H1 732
	2.0 HDi 109	05/01-	RHZ (DW10ATED)	80	H1 732
Xsara Picasso	1.6 HDi	09/05-02/06	9HX (DV6ATED4)	66	H1 737
	1.6 HDi	03/06-		66	H1 166
	1.6 HDi	05/04-02/06	DV6TED4	80	H1 737
	1.6 HDi	03/06-	DV6TED4	80	H1 166
	2.0 HDi	12/99-	RHY (DW10TD)	66	H1 732
XM (Y3)	2.1 D 12V	05/89-06/94	P9A (XUD11A)	60	H1 002
	2.1 TD 12V	05/89-06/94	P8A (XUD11ATE), PHZ (XUD11ATE), PJZ (XUD11ATE)	80	H1 656
XM Break (Y3)	2.1 D 12V	11/91-04/94	P9A (XUD11A)	60	H1 002
	2.1 TD 12V	11/91-04/94	P8A (XUD11ATE), PHZ (XUD11ATE), PJZ (XUD11ATE)	80	H1 656
XM (Y4)	2.1 TD 12V	05/94-08/98	P8A (XUD11ATE), PHZ (XUD11ATE), PJZ (XUD11ATE), P8C (XUD11BTE)	80	H1 656
	2.1 TD 12V	09/98-10/00	P8A (XUD11ATE), PHZ (XUD11ATE), PJZ (XUD11ATE), P8C (XUD11BTE)	80	H1 086
	2.5 TD	05/94-10/00	THY (DK5ATE)	95	H1 656
XM Break (Y4)	2.1 D 12V	07/94-06/96	P9A (XUD11A)	60	H1 002
	2.1 TD 12V	05/94-08/98	P8C (XUD11BTE), PHZ (XUD11ATE), PJZ (XUD11ATE)	80	H1 656
	2.1 TD 12V	09/98-10/00	P8C (XUD11BTE), PHZ (XUD11ATE), PJZ (XUD11ATE)	80	H1 086
	2.5 TD	05/94-10/00	THY (DK5ATE)	95	H1 656
ZX	1.4 D	07/94-10/97	TUD3Y	37	H1 638
	1.8 D	06/93-06/97	161A (XUD7)	44	H1 002
	1.9 D	03/91-04/94	DJZ (XUD9Y)	47	H1 002
	1.9 D	05/94-06/97	DJZ (XUD9Y)	47	H1 656
	1.9 D	06/94-05/95	D9B (XUD9A/U)	50	H1 002
	1.9 D	06/95-06/97	D9B (XUD9A/U)	50	H1 656
	1.9 TD	07/92-06/97	DHY (XUD9TE/Y)	66	H1 656
ZX Break	1.8 D	10/93-10/97	161A (XUD7)	44	H1 002
	1.9 D	10/93-04/94	DJZ (XUD9Y)	47	H1 002
	1.9 D	05/94-10/97	DJZ (XUD9Y)	47	H1 656



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ZX Break	1.9 D	06/94-05/95	D9B (XUD9A/U)	50	H1 002
	1.9 D	06/95-10/97	D9B (XUD9A/U)	50	H1 656
	1.9 TD	10/93-10/97	DHY (XUD9TE/Y)	66	H1 656

DACIA

Dokker	1.5 dCi	11/12-	K9K 612	55	H1 392
	1.5 dCi	11/12-	K9K 612	66	H1 392
	Express 1.5 dCi	12/12-	K9K 612	55	H1 392
	Express 1.5 dCi	12/12-	K9K 612	66	H1 392
Duster	1.5 dCi	04/10-	K9K 796	63	H1 825
	1.5 dCi	12/10-	K9K 892	66	H1 392
	1.5 dCi 4x4	12/10-	K9K 894	66	H1 392
	1.5 dCi	06/10-	K9K 896	79	H1 392
	1.5 dCi 4x4	06/10-	K9K 898	79	H1 392
	1.5 dCi 4x4	10/10-	K9K 898	81	H1 392
	1.5 dCi	09/13-	K9K 856	80	H1 392
	1.5 dCi 4x4	09/13-	K9K 858	80	H1 392
	1.6 D	11/89-01/99		42	H1 826
	1.5 L	08/14-	K9K 658	80	H1 392
	1.5 L 4x4	08/14-	K9K 658	80	H1 392
	1.5 L	08/14-	K9K 667	81	H1 392
Lodgy	1.5 dCi	03/12	K9K 612	66	H1 392
	1.5 dCi	01/13-	K9K 846	79	H1 392
Logan	1.5 dCi	09/05-	K9K 790	48	H1 825
	1.5 dCi	01/06-	K9K 792	50	H1 825
	1.5 dCi	11/10-	K9K 892	55	H1 392
	1.5 dCi	11/10-	K9K 892	65	H1 392
	1.5 dCi	09/07-	K9K 796	63	H1 825
Logan II	1.5 dCi	10/12-	K9K 612	55	H1 392
	1.5 dCi	10/12-	K9K 612	66	H1 392
Logan Express	1.5 dCi	03/09-	K9K 792	50	H1 825
	1.5 dCi	03/09-	K9K 796	63	H1 825
	1.5 dCi	11/10-	K9K 892	55	H1 392
	1.5 dCi	11/10-	K9K 892	65	H1 392
Logan MCV	1.5 dCi	02/07-	K9K 792	50	H1 825
	1.5 dCi	09/07-	K9K 796	63	H1 825
	1.5 dCi	05/10-	K9K 892	55	H1 392
	1.5 dCi	05/10-	K9K 892	65	H1 392
	1.5 L	04/13-11/16	K9K 626	66	H1 392
	1.5 L	12/16-	K9K 626	66	H1 392
Logan MCV II	1.5 dCi	03/13-	K9K 612	55	H1 392
	1.5 dCi	03/13-	K9K 612	66	H1 392
Logan PICKUP	1.5 dCi	03/08-	K9K 792	50	H1 825
	1.5 dCi	03/08-	K9K 796	63	H1 825
	1.5 dCi	11/10-	K9K 892	55	H1 392
	1.5 dCi	11/10-	K9K 892	65	H1 392
Logan Kombi	1.5 dCi	02/07-	K9K 792	50	H1 825
	1.5 dCi	09/07-	K9K 796	63	H1 825



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**DACIA**

Sanderо	1.5 dCi	05/10-	K9K 892	55	H1 392
	1.5 dCi	05/10-	K9K 892	65	H1 392
	1.5 dCi 75	11/08-	K9K 792	50	H1 825
	1.5 dCi 90	11/08-	K9K 796	63	H1 825
Sanderо Hatchback	1.5 L	11/12-11/16	K9K 626	66	H1 392
	1.5 L	12/16-	K9K 626	66	H1 392
Sanderо Stepway	1.5 L	01/13-	K9K 612	66	H1 392
	1.5 L	12/16-	K9K 626	66	H1 392
Sanderо II	1.5 dCi	10/12-	K9K 612	55	H1 392
	1.5 dCi	10/12-	K9K 612	66	H1 392
Solenza	1.9 D	02/03-	F8Q 630	46	H1 922

DAEWOO

Korando	2.9 D	01/99-	MB-OM 662	72	H1 078
	2.9 TD	01/99-	MB-OM 601 29TD	88	H1 078
Musso	2.2 TD	09/99-	MB-OM 601	74	H1 078
	2.9 D	01/99-09/99	MB-OM 662	73	H1 078
	2.9 TD	01/99-	MB-OM 601 29TD	88	H1 078
Rexton	2.9 TD	04/02-	OM 662.983	88	H1 078

DAF

400-Serie	2.5 D	04/89-08/93		53	H1 656
	2.5 TD	04/89-08/93		71	H1 656

DAIHATSU

Charade II	1.0 TD	02/85-03/87	CL 60	34	H1 512
Charade III (G100,G101,G102)	1.0 D	03/87-12/92	CL 11	27	H1 711
	1.0 TD	03/87-12/92	CL, CL 61	35	H1 711
Delta Truck	2.8 D	02/83-	DL40, DG	56	H1 594
		02/83-	3B, B		H1 790
Fourtrak	2.8 D	84-93	DL 50, DL-T		H1 512
Hijet	S77/N		CL20		H1 512
Hijet II	1.2 D	05/95-03/98	LDW12	26	H1 512
	1.4 D	03/98-	LDW14	28	H1 512
Rocky Hard Top	2.8 D	02/85-	DL	54	H1 512
	2.8 TD	12/87-04/93	DL 51	67	H1 512
	2.8 TD	05/93-	DL 52	72	H1 512
	2.8 TD	09/91-	DL 52	75	H1 512
Taft 4WD	2.8 D	08/82-	DL40	51	H1 594
Wildcat/Rocky	2.8 D	02/85-03/87	DL	54	H1 512
	2.8 TD	09/85-04/87	DL 50	65	H1 512

DODGE

Avenger	2.0 CRD	06/07-	ECD	103	H1 993
Caliber	2.0 CRD	06/06-	ECD, ECE	103	H1 993
Caravan	2.8 CRD	01/09-	ENS	120	H1 408
Journey	2.0 CRD	06/08-	ECE	103	H1 993
Nitro	2.8 CRD	06/07-	ENR, ENS	130	H1 408
	2.8 CRD 4WD	06/07-	ENR, ENS	130	H1 408

DODGE TRUCK (USA)

SPRINTER	2.7 Turbo D	2003	L5 - 2.7L DIESEL TURBO (1)	113	H1 129
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**DODGE TRUCK (USA)**

SPRINTER	2.7 Turbo D	2004 - 2006	L5 - 2.7L DIESEL TURBO (4)	113	H1 129
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DS

DS 3	1.6 BlueHDi 75	07/15-	DV6F	55	H1 368
	1.6 BlueHDi 100	04/15-	DV6F	73	H1 368
	1.6 BlueHDi 120	07/15-	DV6F	88	H1 368
DS 3 Convertible	1.6 BlueHDi 100	07/15-	DV6F	73	H1 368
	1.6 BlueHDi 120	07/15-	DV6F	88	H1 368
DS 4 CROSSBACK	1.6 BlueHDi 120	07/15-	DV6F	88	H1 368
	2.0 BlueHDi 150	07/15-	DW10F	110	H1 368
	2.0 BlueHDi 180	07/15-	DW10F	133	H1 368
DS 5	1.6 BlueHDi 100	07/15-	DV6F	88	H1 368
	2.0 BlueHDi 150	04/15-	DW10F	110	H1 368
	2.0 BlueHDi 180	04/15-	DW10F	133	H1 368
	2.0 HDi 165 Hybrid4 4x4	04/15-	DW10F	120	H1 368

FIAT

127	1.3 D	04/81-12/86	127 A, 127 A5	33	H1 002	
131	2.0 D	07/78-08/84	8144.65	44	H1 615	
	2.5 D	06/78-02/84	8144.61	53	H1 615	
147	1.3 D	10/80-10/95		36	H1 615	
500	1.3 D 16V Multijet	10/07-	169 A1.000	55	H1 859	
	1.3 D Multijet	12/09-	199 B1.000	70	H5 025	
500 C	1.3 D Multijet	09/09-	169 A1.000	55	H1 859	
	1.3 D Multijet	09/09-	199 B1.000	70	H5 025	
500 L	1.3 D Multijet	09/12-	199 B4.000	62	H5 025	
	1.6 D Multijet	09/12-	199 B5.000	77	H1 396	
	1.6 D Multijet	09/13-	955 A3.000	88	H1 396	
	1.6 L	01/13-	199B5000	77	H1 396	
500 L MPW	1.6 L	01/13-	199B5000	77	H1 396	
500 X	1.3 D Multijet	06/15-	55266963	70	H5 158	
	1.6 D Multijet	09/14-	55260384	84	H1 396	
	1.6 D Multijet	09/14-	55260384	88	H1 396	
	2.0 D Multijet 4x4	09/14-	55263087, 55263088	100	H1 396	
	2.0 D Multijet 4x4	09/14-	55263087, 55263088	103	H1 396	
	1.6 L	02/15-	55260384	88	H1 396	
	1.9 D	10/95-10/96	160 A7.000	48	H1 002	
Brava, Bravo	1.9 TD 75 S	03/96-10/01	182 A8.000	55	H1 712	
	1.9 TD 100 S	03/96-10/01	182 A7.000	74	H1 712	
	1.9 JTD 105	12/98-10/99	182 B4.000 → Engine Nr.1716458	77	H1 793	H1 054
	1.9 JTD 105	11/99-10/01	182 B4.000 Engine Nr.1716459 →	77	H1 802	H1 054
	1.9 JTD	09/00-10/01	182 B9.000	74	H1 802	
	1.9 D Multijet	04/07-	192 A8.000	88	H1 802	
	1.9 D Multijet	04/07-	937 A5.000	110	H1 816	
	1.6 D Multijet	03/08-	198 A2.000	88	H1 859	
	1.9 D Multijet	04/07-12/08	192 B5.000	66	H1 802	
	1.9 D Multijet	04/07-	192 A8.000	88	H1 802	
	Bravo II	1.6 D Multijet	03/08-	198 A6.000, 198 A3.000	66-77	H1 396
		1.6 D Multijet	11/08-	955 A4.000	85	H1 396



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Bravo II	1.6 D Multijet	03/08-	198 A2.000	88	H1 396
	1.9 D Multijet	11/06-	192 A1.000, 192 B4.000	85	H5 020
	1.9 D Multijet	04/07-	192 A8.000	88	H5 020
	2.0 D Multijet	09/08-	844 A2.000, 198 A5.000	120-121	H1 396
Campagnola	2.4 D	06/74-10/89	8144.61.200	53	H0 605
Croma	1900 Turbo D i.d.	05/89-10/92	154 C6.000	66	H1 821
	1900 Turbo D i.d.	11/92-12/96	154 D1.000	69	H1 821
	2500 TD	12/85-08/89	8144.91.2000	74	H1 826
	2500 D	12/85-12/89	8144.67	55	H1 002
	2500 TDE	12/91-08/96	8144.97 S	77	H1 826
	2500 TD	05/89-12/92	8144.97, 8144.97 Y	85	H1 826
	2500 TD	05/89-08/96	8144.97, 8144.97 Y	85	H1 117
	2500 TD	05/89-12/93	8144.97, 8144.97 Y	85	H1 086
Croma (194)	1.9 D Multijet	06/05-	939 A7.000	85	H1 802
	1.9 D Multijet	06/05-	939 A7.000	85	H5 020
	1.9 D Multijet	06/05-	939 A1.000	88	H1 802
	1.9 D Multijet	06/05-	939 A1.000	88	H5 020
	1.9 D Multijet	06/05-	939 A2.000	110	H1 816
	2.4 D Multijet	06/05-	939 A3.000	147	H1 816
Doblo	1.3 D Multijet	10/05-	223 A9.000	62	H1 859
Doblo (119)	1.3 D JTD	05/05-	199 A2.000	55	H1 859
	1.3 D Multijet	10/05-	223 A9.000	62	H1 859
	1.9 D	03/01-	223 A6.000	46	H1 842
	1.9 JTD	10/01-	182 B9.000, 223 B2.000	74	H1 802
	1.9 JTD	07/03-	223 A7.000, 223 B1.000	77	H1 802
	1.9 D Multijet	10/05-	186 A9.000	88	H5 020
	1.9 D Multijet	10/05-	186 A9.000	88	H1 802
Doblo (152)	1.3 D Multijet	02/10-	199 A3.000, 263 A2.000	66	H1 859
	1.6 D 16 VMultijet	02/10-	263 A4.000	66	H1 396
	1.6 D Multijet	02/10-	198 A3.000	77	H1 396
	2.0 D Multijet	02/10-	263 A1.000	99	H1 396
Doblo (263)	1.3 D Multijet	02/10-	199 A3.000, 263 A2.000, for OE no.:55210051, for vehicles with start-stop function	66	H5 025
	2.0 D Multijet	02/10-	263 A1.000	99	H1 396
Doblo Cargo (263)	1.3 D Multijet	02/10-	199 A3.000, 263 A2.000, for OE no.:55210051, for vehicles with start-stop function	66	H5 025
	1.6 D Multijet	02/10-	263 A4.000	66	H1 396
	1.6 D Multijet	02/10-	198 A3.000	77	H1 396
	1.6 D	02/11-	263 A3.000	74	H1 396
	2.0 D Multijet	02/10-	263 A1.000	99	H1 396
Doblo Cargo (223)	1.3 JTD 16V	05/04-12/06	188 A9.000, 188 A8.000	51	H1 859
	1.3 D Multijet	10/05-01/10	199 A2.000	55	H1 859
	1.3 JTD 16V Multijet	08/06-	223 A9.000	62	H1 859
	1.9 D	03/01-	223 A6.000	46	H1 842
	1.9 JTD	10/01-	182 B9.000	74	H1 802
	1.9 JTD	07/03-	223 A7.000, 223 B1.000	77	H1 802
	1.9 JTD Multijet	12/06-	186 A9.000	88	H5 020



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Ducato (250)	2.0 D Multijet 115	06/11-	250 A1.000	85	H1 396
Ducato	1.9 D	04/98-04/02	DJY, D9B	50	H1 086
	1.9 D Combinato	03/94-04/02	230 A2.000	51	H1 793
	1.9 D	02/87-08/90	149 B1.000	52	H1 002
	1.9 TD Combinato	08/94-04/02	230 A4.000	59	H1 656
	1.9 TD	03/89-03/94	280 A1.000	60	H1 826
	1.9 TD	03/94-04/02	230 A3.000	60	H1 826
	1.9 TD	04/98-04/02	DHX (XUD9TF/L)	66	H1 826
	2.0 JTD	10/01-	RHV (DW10)	62	H1 732
	2.4 D	01/82-08/90	8144.61	53	H1 656
	2.4 D 4x4	09/86-05/90	8144.61	55	H1 656
	2.5 D 4x4	01/87-08/90	8144.67	55	H1 826
	2.5 D Combinato	03/94-04/02	8140.67	62	H1 126
	2.5 TD	01/86-08/90	8144.21	68	H1 826
	2.5 TD	07/90-03/94	8140.27	70	H1 826
	2.5 TDI Combinato	03/94-04/02	8140.47R	80	H0 537
	2.8 TDS	04/05-	8140.23.2200	76	H0 903
	2.5 TDI 4x4	03/94-04/02	8140.47	85	H0 537
	2.8 D	02/98-04/02	8140.63	64	H1 808
	2.8 TDI	10/97-04/02	8140.43	90	H0 569
	2.8 JTD	03/01-11/01	8140.43S	93	H0 569
	2.8 JTD	11/00-	8140.43S	94	H0 569
	2.8 JTD Power	05/04-	8140.43N	107	H1 808
	3.0 D 150 Multijet	04/10-	F1CE3481N	107	H1 815
	3.0 D 160 Multijet	07/06-	F1CE0481D	116	H1 815
	3.0 D Multijet	06/11-	F1CE3481E	130	H1 815
Ducato Box (244)	2.0 JTD	04/02-	RHV (DW10)	62	H1 732
	2.3 JTD	04/02-	F1AE0481C	81	H1 815
	2.8 JTD	04/02-	8140.43S	94	H0 569
	2.8 JTD 4x4	07/02-	8140.43S	94	H0 569
	2.8 JTD Power	05/04-	8140.43N	107	H1 793
Ducato Box (250)	100 Multijet 2,2 D	07/06-	4HV	74	H1 705
	110 Multijet 2,3 D	10/11-	F1AE3481G	83	H1 815
	120 Multijet 2,3 D	07/06-	F1AE0481D	88	H1 815
	120 Multijet 2,3 D 4x4	03/10-	F1AE0481D	88	H1 815
	130 Multijet 2,3 D	08/06-	F1AE0481T	93	H1 815
	130 Multijet 2,3 D	01/07-	F1AE0481N, F1AE3481D	96	H1 815
	150 Multijet 2,3 D	06/11-	F1AE3481E	109	H1 815
	150 Multijet 3,0 D	04/10-	F1CE3481N	107	H1 815
	160 Multijet 3,0 D	07/06-	F1CE0481M	115	H1 815
	160 Multijet Power 3,0 D	07/06-	F1CE0481D	116	H1 815
	3.0 D Multijet	06/11-	F1CE3481E	130	H1 815
Ducato Bus (244, Z_)	2.0 JTD	04/02-	RHV (DW10)	62	H1 732
	2.3 JTD	04/02-	F1AE0481C	81	H1 815
	2.8 JTD	04/02-	8140.43S	94	H0 569
	2.8 JTD 4x4	07/02-	8140.43S	94	H0 569
Ducato Bus (250)	100 Multijet 2,2 D	07/06-	4HV	74	H1 705



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Ducato Bus (250)	110 Multijet 2,3 D	10/11-	F1AE3481G	83	H1 815
	120 Multijet 2,3 D	07/06-	F1AE0481D	88	H1 815
	130 Multijet 2,3 D	01/07-	F1AE3481D	96	H1 815
	150 Multijet 3,0 D	04/10-	F1CE3481N	107	H1 815
	150 Multijet 2,3 D	06/11-	F1AE3481E	109	H1 815
	160 Multijet 3,0 D	10/06-	F1CE0481D	115	H1 815
	160 Multijet Power 3,0 D	07/06-	F1CE0481D	116	H1 815
	3.0 D Multijet	06/11-	F1CE3481E	130	H1 815
Ducato Flatbed / Chassis (244)	2.0 JTD	04/02-	RHV (DW10)	62	H1 732
	2.3 JTD	04/02-07/06	F1AE0481C	81	H1 815
	2.8 JTD	04/02-	8140.43S	94	H0 569
	2.8 JTD 4x4	10/02-	8140.43S	94	H0 569
	2.8 JTD Power	05/04-	8140.43N	107	H1 793
Ducato Flatbed / Chassis (250)	100 Multijet 2,2 D	07/06-	4HV	74	H1 705
	110 Multijet 2,3 D	10/11-	F1AE3481G	83	H1 815
	120 Multijet 2,3 D	07/06-	F1AE0481D	88	H1 815
	120 Multijet 2,3 D	03/10-	F1AE0481D	88	H1 815
	130 Multijet 2,3 D	01/07-	F1AE0481N, F1AE3481D	96	H1 815
	150 Multijet 3,0 D	04/10-	F1CE3481N	107	H1 815
	150 Multijet 2,3 D	06/11-	F1AE3481E	109	H1 815
	160 Multijet Power 3,0 D	07/06-	F1CE3481M	115	H1 815
	160 Multijet Power 3,0 D	07/06-	F1CE0481D	116	H1 815
	3.0 D Multijet	06/11-	F1CE3481E	130	H1 815
Duna	1.7 DS	01/87-12/91	149 B3.000	44	H1 002
Elba	1.3 D	04/86-10/92	127 A5.000	33	H1 002
	1.7 D	04/89-12/96	146 B2.000	43	H1 002
Egea	1.3 D Multijet	10/15-	55266963	70	H5 158
Fiorino	1.3 D	03/82-12/87	127 A5.000	33	H1 002
	1.7 D	01/88-10/93	149 B2.000	42	H1 002
	1.7 D	12/87-12/90	149 B3.000	44	H1 002
Fiorino Box	1.7 TD	11/96-05/00	146 D7.000	46	H1 656
	65 1.7 TD	01/97-05-01	146 D7.000	46	H1 656
	1.3 D Multijet	11/07-	199 A2.000, 199 A9.000	55	H1 859
	1.3 D Multijet	11/07-	199 A2.000, 199 A9.000, for exhaust emission norm Euro 5	55	H5 025
	1.3 D Multijet	07/09-	199 B1.000	70	H5 025
Fiorino Kasten	60 1.7 D	05/88-10/96	146 B2.000	42	H1 002
	65 1.7 D	01/97-05/01	146 D7.000	46	H1 656
Fiorino Pick up	1.3 D	05/84-12/88	127 A5.000	33	H1 002
	1.7 TD	01/97-05-01	146 D7.000	46	H1 656
	1.7 D	10/93-10/99	146 B2.000	42	H1 002
Freemont (JC)	2.0 JTD	08/11-	939 B5.000	100	H1 396
	2.0 JTD	08/11-	939 B5.000, 940 A5.000	103	H1 396
	2.0 JTD	08/11-	939 B5.000	120	H1 396
	2.0 JTD 4x4	08/11-	939 B5.000	120	H1 396
	2.0 JTD	08/11-	939 B5.000	125	H1 396
	2.0 JTD 4x4	08/11-	939 B5.000	125	H1 396



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Grande Punto (199)	1.3 D Multijet	10/05-	199 A2.000	55	H1 859	
	1.3 D Multijet	10/05-	199 A3.000	66	H1 859	
	1.3 D Multijet	07/08-	199 B2.000, for OE No.: 55210051	51	H5 025	
	1.3 D Multijet	04/10-	199 B4.000	62	H5 025	
	1.6 D Multijet	07/08-	955 A3.000	88	H1 396	
	1.9 D Multijet	06/06-	939 A7.000	85	H5 020	
	1.9 D Multijet	10/05-	939 A1.000	88	H5 020	
	1.9 D Multijet	10/05-	199 A5.000	96	H5 020	
Idea	1.3 JTD	01/04-	188 A9.000	51	H1 859	
	1.3 D Multijet	10/05-	199 A3.000	66	H1 859	
	1.3 D Multijet	05/08-	199 B1.000, for exhaust emission norm Euro 5	70	H5 025	
	1.6 D Multijet	05/08-	350 A2.000	88	H1 396	
	1.9 JTD	01/04-	188 B2.000	74	H1 802	
Linea	1.3 D Multijet	06/07-	199 A3.000	66	H1 859	
	1.6 D Multijet	06/09-	198 A3.000	77	H1 396	
Marea	1.9 TD 75	09/96-	182 A8.000	55	H1 712	
	1.9 TD 100	09/96-	182 A7.000	74	H1 712	
	1.9 JTD 105	04/99-01/01	182 B4.000 → Engine Nr. 1713818	77	H1 793	H1 054
	1.9 JTD 105	04/99-01/01	182 B4.000 Engine Nr. 1713819 →	77	H1 802	
	1.9 JTD 110	01/01-05/02	186 A6.000	81	H1 802	
	2.4 TD 125	09/96-04/99	185 A2.000	91	H1 712	
	2.4 JTD 130	04/99-05/02	839 A5.000, 185 A6.000 → Engine.Nr. 1713818	96	H1 793	H1 054
	2.4 JTD 130	04/99-05/02	839 A5.000, 185 A6.000 Engine Nr. 1713819 →	96	H1 802	
Marea Weekend	1.9 JTD 105	04/99-05/02	182 B4.000 Engine Nr. 1713819 →	77	H1 802	H1 054
	1.9 JTD 110	01/01-05/02	186 A6.000	81	H1 802	H1 054
	2.4 JTD 130	04/99-05/02	839 A5.000, 185 A6.000 Engine Nr. 1713819 →	96	H1 802	H1 054
Marengo	1.9 D	01/92-	160 A7.000	48	H1 002	
	1.9 D	01/92-	160 A6.000	66	H1 002	
	1.9 TD	01/92-	160 A6.000	66	H1 002	
	1.9 JTD	12/99-12/01	182B4000 → Engine Nr. 1713820	77	H1 802	
	2.0 D	01/86-07/89	149 A1.000	48	H1 002	
	2.5 D	05/80-07/89	8144.61	53	H0 605	
Multipla	1.9 JTD 105	04/99-06/10	182 B4.000 → Engine.Nr.1692990	77	H1 793	H1 054
	1.9 JTD 105	04/99-06/10	182 B4.000 Engine Nr.1692991 →	77	H1 802	H1 054
	1.9 JTD 110	03/01-07/02	186 A6.000	81	H1 802	H1 054
	1.9 JTD 115	07/02-06/10	186 A8.000	85	H5 020	
	1.9 JTD 115	07/02-06/10	186 A8.000	85	H1 802	
	1.9 JTD	04/02-06/10	186 A9.000	88	H5 020	
	1.9 JTD	04/02-06/10	186 A9.000	85	H1 802	
Palio Weekend	1.7 TD	04/96-03/01	176 A3.000	51	H1 656	
	1.9 D	03/01-	223 A6.000	46	H1 842	
Panda	1300 D	04/86-12/92	156 A5.000	27	H1 656	
	1.3 D Multijet	09/03-	188 A9.000, 188 A9.000	51	H1 859	
	1.3 D Multijet 4x4	10/04-	188 A9.000, 188 A9.000	51	H1 859	
	1.3 D Multijet	06/06-	169 A1.000	55	H1 859	
	1.3 D Multijet 4x4	09/10-	169 A1.000, 169 A5.000	55	H1 859	
	1.3 D Multijet 4x4	09/10-	169 A1.000,	55	H5 025	



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Panda	1.3 D Multijet	02/12-	199 A9.000	55	H5 025	
	1.3 D 16 V Multijet 4x4	09/03-		55	H1 859	
	1.3 D Multijet 4x4	06/12-	199 A1.000, 199 A9.000	55	H5 025	
	1.3 D Multijet 4x4	06/14-	312 A8.000	59	H5 025	
	1.3 D Multijet	04/15-	199 B1.000, 312 B1.000, 330 A1.000	70	H5 158	
	1.3 D Multijet 4x4	04/15-	199 B1.000, 312 B1.000, 330 A1.000	70	H5 158	
Panda Van	1.3 D Multijet	02/12-	199 A9.000	55	H5 025	
	1.3 D Multijet 4x4	06/12-	199 A9.000	55	H5 025	
	1.3 JTD	03/04-	188 A8.000, 188 A9.000	51	H1 859	
	1.3 JTD	01/06-	169 A1.000	55	H1 859	
Punto	1.3 D Multijet	03/12-	199 A2.000, 199 A9.000	55	H5 025	
	1.3 D Multijet	03/12-	199 B1.000	70	H5 025	
	1.3 D Multijet	03/12-	199 B4.000	62	H5 025	
	1.3 D Multijet	04/10-		62	H5 025	
	1.3 JTD 16 V	06/03-	188 A9.000	51	H1 859	
	1.6 D Multijet	07/08-	955 A3.000	88	H1 396	
	1.7 D	04/94-09/97	176 B3.000	42	H1 656	
	60 TD 1.7	09/96-09/99	176 B7.000	46	H1 656	
	1.7 TD	01/94-09/99	176 A3.000	51	H1 656	
	1.7 TD	01/94-09/99	176 A5.000	52	H1 656	
	1.9 DS 60	09/99-	188 A3.000	44	H1 842	
	1.9 JTD 80	09/99-	188 A2.000	59	H1 802	H1 054
	1.9 JTD	10/01-	188 A7.000, from MY 10.05	63	H5 020	H1 054
	1.9 JTD	10/01-	188 A7.000, to MY 09.05	63	H1 802	
	1.9 JTD	06/03-	188 B2.000, from MY 10.05	74	H5 020	
	1.9 JTD	06/03-	188 B2.000, to MY 09.05	74	H1 802	
	1.3 D Multijet	04/10-	223 A9.000	62	H1 859	
Punto III	1.3 Multijet Euro 4	03/12-	199 A2.000, 199 A9.000	55	H1 859	
	1.3 Multijet Euro 5	03/12-	199 A2.000, 199 A9.000	55	H5 025	
	1.3 Multijet Euro 4	03/12-	199 B4.000	62	H1 859	
	1.3 Multijet Euro 5	03/12-	199 B4.000	62	H5 025	
	1.3 Multijet Euro 4	03/12-	199 B1.000	70	H1 859	
	1.3 Multijet Euro 5	03/12-	199 B1.000	70	H5 025	
Punto EVO	1.3 D Multijet	10/09-02/12	199 A2.000, 199 A9.000	55	H1 859	
	1.3 D Multijet	10/09-02/12	199 B1.000	70	H5 025	
	1.3 D Multijet	10/09-02/12	199 B4.000, 223 A9.000	62	H5 025	
	1.3 D Multijet	10/09-02/12	199 A2.000, 199 A9.000, for exhaust emission norm Euro 5	55	H5 025	
	1.3 D Multijet	07/08-02/12	199 B2.000, for OE No.: 55210051	51	H5 025	
	1.3 D Multijet	10/09-02/12	199 A3.000	66	H1 859	
	1.6 D Multijet	10/09-02/12	955 A3.000	88	H1 396	
Punto Van	1.7 D	09/96-02/00	176 B3.000	42	H1 656	
	1.3 JTD	06/03-10/05	188 A9.000	51	H1 859	
	1.3 D Multijet	04/08-	199 A2.000, 199 A9.000	55	H1 859	
	1.9 D 60	02/00-	188 A3.000	44	H1 842	
	1.9 JTD	02/00-10/09	188 A7.000	63	H1 802	



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Qubo	1.3 D Multijet	09/08-	199 A2.000, for exhaust emission norm Euro 4	55	H1 859
	1.3 D Multijet	03/15-	225 A2.000	59	H5 158
	1.3 D Multijet	07/10-	199 B1.000	70	H5 025
	1.3 D Multijet	02/08-	199 A9.000, for exhaust emission norm Euro 5	55	H5 025
Regata	60 Diesel 1.7	01/84-03/89	149 B3.000	44	H1 002
	65 Diesel 1.9	04/84-07/89	149 A1.000	48	H1 002
	80 Turbo Diesel 1.9	05/86-07/89	831 D1.000	59	H1 002
Ritmo II	60 Diesel 1.7	05/85-12/87	149 B3.000, 138 C.000	44	H1 002
	80 Turbo Diesel 1.9	12/85-12/87	831 D1.000	59	H1 002
Scudo	2.0 D Multijet	01/07-	RHK	88	H1 992
	2.0 D Multijet	01/07-	RHR	100	H1 992
	2.0 D Multijet	07/10-	RHH	120	H1 992
Scudo Box	1.9 D	02/96-12/06	D9B	51	H1 656
	1.9 TD	02/96-08/98	DHX (XUD9TF/L)	66	H1 656
	1.9 TD	02/96-08/98	D8B	68	H1 656
Scudo Combinato	1.9 D	04/98-12/06	WJZ (DW8)	51	H1 731
	1.9 TD Eco	02/96-08/98	DHX (XUD9TF/L)	66	H1 656
	1.9 TD Eco	09/98-	DHX (XUD9TF/L)	66	H1 086
	1.9 TD	02/96-08/98	D8B	68	H1 656
	1.9 TD	09/98-	D8B	68	H1 086
	2.0 JTD	12/99-	RHZ	80	H1 732
Scudo Kasten	2.0 JTD	12/99-	RHX	69	H1 732
	2.0 JTD	12/02-		80	H1 732
Sedici	2.0 D Multijet	06/06-	D20AA	99	H1 396
	2.0 D Multijet 4X4	06/06-	D20AA	99	H1 396
	1.9 D Multijet	06/06-	192 A8.000	88	H1 802
Stilo / Multi Wagon	1.9 JTD	02/02-11/06	192 A3.000	59	H1 802
	1.9 D Multijet	09/05-11/06	192 A9.000	74	H1 802
	1.9 D Multijet	09/05- 11/06		88	H5 020
	1.9 JTD	10/01-11/06	192 A1.000, 937 A7.000	85	H1 802
	1.9 JTD	10/01-11/06		85	H5 020
	1.9 D Multijet	09/05-11/06	192 A8.000	88	H1 802
	1.9 JTD	01/04-11/06	192 A5.000	103	H1 816
	1.9 JTD	09/04-11/06		66	H5 020
	1.9 D	09/04-08/08	192 B5.000	66	H5 020
	1.9 JTD	01/03-08/08	192 A1.000, 937 A7.000	85	H5 020
	1.9 D Multijet	09/05-08/08	192 A8.000	88	H5 020
	1.9 D Multijet	09/05-11/06	937 A5.000	110	H1 816
Strada	1.3 D Multijet	05/06-	223 A9.000	62	H1 859
	1.7 TD	06/99-	176 A3.000	51	H1 656
	1.9 D	12/00-	223 A6.000	46	H1 842
	1.9 JTD	04/03-	188 A2.000	59	H1 802
Talento	1.9 D	03/89-03/94	149 B1.000	52	H1 002
Tempra / Tempra S.W.	1.9 D	07/91-08/96	160 A7.000	48	H1 656
	1.9 TD	03/92-08/96	160 B6.046	59	H1 656



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**FIAT**

Tempra / Tempra S.W.	1.9 TD	05/90-08/96	160 A6.000, 160 D1.000	66	H1 656
Tipo	1.3 D Multijet	10/15-	55266963	70	H5 158
	1.7 D	01/88-10/94	149 B4.000	43	H1 002
	1.7 D	01/88-10/95	149 B4.000	45	H1 002
	1.9 D	07/91-08/96	160 A7.000	48	H1 002
	1.9 TD	03/92-06/93	160 B6.046	59	H1 002
	1.9 TD	09/90-04/95	160 D1.000, 160 A6.000, 160 A6.046	66	H1 656
Tipo Saloon (356_)	1.6 D	09/16-	55260384	84	H1 396
Tipo Hatchback (356_)	1.6 D	09/16-	55260384	84	H1 396
Tipo Estate (356_)	1.6 D	09/16-	55260384	84	H1 396
Ulysse	1.9 TD	02/95-08/02	DHX (XUD9TF/L)	66	H1 086
	2.0 JTD	05/03-	RHM (DW10ATED4)	79	H1 732
	2.0 JTD	10/99-08/02	RHZ	80	H1 732
	2.0 JTD	08/02-	RHW (DW10ATED4)	80	H1 732
	2.1 TD	03/96-10/99	P8C	80	H1 086
	2.2 JTD	08/02-	4HW (DW10ATED4)	94	H1 732
	2.0 D Multijet	05/06-	RHK	88	H1 992
	2.0 D Multijet	05/06-	RHR	100	H1 992
	2.2 D Multijet	03/08-06/11	4HS, 4HT (DW12BTED4)	125	H1 193
Uno	1.3 Super Diesel	06/83-03/92	146 B1.000, 127 A5.000	33	H1 002
	70 TD 1.4	10/86-10/90	149 B3.000, 146 B3.000	52	H1 002
	1.7 D	11/94-08/00	146 B2.000	43	H1 002
	60 Diesel 1.7	09/89-12/93	146 B 2.000	42	H1 002
	60 Diesel 1.7	07/86-08/89	149 B3.000	44	H1 002
	1.9 D	09/89-03/94	149 B5.046	44	H1 002

FISSORE RAYTON

Magnum	2.4 TD	07/84-04/86	8144.81	77	H1 826
	2.4 TD	03/88-	HR 492 HIM	82	H1 005

FORD

A-series	2.4 D		4AA YORK-D		H0 605
	3.6 D		8AA YORK-D		H0 605
B-MAX	1.5 TDCi	10/12-	C15DS0X - UGJC	55	H1 368
	1.5 TDCi	04/15-	XVJA, XVJC	70	H1 368
	1.6 TDCi	10/12-	C16DS0X	70	H1 368
C-MAX	1.6 TDCi	02/05-03/07	HHDA, HHDB	66	H1 737
	1.6 TDCi	10/03-03/07	G8DA, G8DB	80	H1 737
	1.8 TDCi	01/05-03/07	KKDA	85	H1 794
	2.0 TDCi	10/03-03/07	G6DA, G6DB, G6DD	100	H1 992
	1.6 TDCi	02/07-	GPDA, HHDA, HHDB	66	H1 737
	1.6 TDCi	02/07-	G8DA, G8DB, G8DD	80	H1 737
	1.8 TDCi	02/07-	KKDA	85	H1 794
	2.0 TDCi	02/08-	IXDA	81	H1 992
	1.6 TDCi	12/10-	T3DA, T3DB	70	H1 368
	1.6 TDCi	12/10-	T1DA, T1DB	85	H1 368
	2.0 TDCi	02/11-	TYDA	85	H1 368
	2.0 TDCi	02/07-	G6DA, G6DB, G6DD, G6DG	100	H1 992
	2.0 TDCi	02/11-	UKDB	100	H1 368



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**FORD**

C-MAX	2.0 TDCi	02/11-	UFDB	103	H1 368
	2.0 TDCi	12/10-	TXDB	120	H1 368
	1.5 L	04/15-	15DSOX	88	H1 368
	1.5 L	04/15-	AEDA	77	H1 368
Grand C-MAX	1.6 TDCi	12/10-	T3DA, T3DB	70	H1 368
	1.6 TDCi	12/10-	T1DA, T1DB	85	H1 368
	2.0 TDCi	02/11-	TYDA	85	H1 368
	2.0 TDCi	12/10-	TXDB	120	H1 368
	2.0 TDCi	02/11-	UFDB	103	H1 368
	2.0 TDCi	02/11-	UKDB	100	H1 368
	1.5 L	04/15-	XWDA, XWDB	88	H1 368
	1.5 TDCi	10/13-	UGJE	66	H1 368
Ecosport	1.5 L	09/13-	15DSOX	70	H1 368
Econovan	2.0 D	03/86-03/92	RF	41	H1 532
Escort 81 Express	1.6 D	02/84-02/86	LTA	40	H1 006
Escort 86 Express	1.6 D	02/86-07/90	LTA	40	H1 006
	1.8 D	07/88-07/90	RTA, RTB	44	H1 665
Escort 91 Express	1.8 D	07/90-12/94	RTH	44	H1 665
Escort 95 Express	1.8 D	01/95-	RTF, RTH	44	H1 665
	1.8 Turbo D	12/95-06/01	RVA	51	H1 096
Escort CLASSIC	1.8 TD	10/98-07/00	RFD, RFK	66	H1 665
Escort III	1.6 D	02/84-12/85	LTA	40	H1 006
Escort III Kombi	1.6 D	02/84-12/85	LTA	40	H1 006
Escort IV	1.6 D	01/86-01/89	LTC	40	H1 006
	1.8 D	01/89-07/90	RTA, RTB	44	H1 665
Escort IV Kombi	1.6 D	01/86-01/89	LTC	40	H1 006
	1.8 D	01/89-07/90	RTA, RTB	44	H1 665
Escort V	1.8 D	07/90-12/92	RTE, RTF, RTH	44	H1 665
Escort V Kombi	1.8 D	07/90-12/92	RTE, RTF, RTH	44	H1 665
Escort VI	1.8 D	09/92-01/95	RTE, RTF, RTH	44	H1 665
	1.8 TD	02/93-01/95	RFD, RFK	66	H1 665
	1.8 TD	02/93-01/95	RFS	66	H1 096
Escort VI Kombi	1.8 D	09/92-01/95	RTH	44	H1 665
	1.8 TD	02/93-01/95	RFD, RFK	66	H1 665
Escort VII	1.8 Turbo D	12/95-10/98	RVA	51	H1 096
	1.8 TD	01/95-10/98	RFD, RFK	66	H1 665
Escort VII Kombi	1.8 D	01/95-02/99		44	H1 665
	1.8 Turbo D	12/95-02/99	RVA	51	H1 096
	1.8 TD	01/95-02/99	RFD, RFK	66	H1 665
Fiesta II	1.6 D	04/84-02/89	LTB	40	H1 006
Fiesta III	1.8 D	03/89-12/95	RTD, RTG, RTC	44	H1 665
	1.8 TD	03/93-12/95		57	H1 665
Fiesta IV	1.8 D	08/95-04/00	RTK, RTJ	44	H1 096
	1.8 DI	04/00-01/02	RTN, RTP, RTQ	55	H1 665
Fiesta V	1.4 TDCi	11/01-10/04	F6JA, F6JB	50	H1 737
	1.4 TDCi	11/04-	F6JA, F6JB	50	H1 166
	1.6 TDCi	11/04-	HHJA, HHJB	66	H1 166



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Fiesta VI	1.4 TDCi	01/09-	F6JB	50	H1 166
	1.6 TDCi	10/08-	HHJF, UBJA	55	H1 166
	1.5 TDCi	09/12-	UGJC	55	H1 368
	1.6 TDCi	10/08-	HHJC, HHJD, HHJE	66	H1 166
	1.6 TDCi	02/10-	TZJA, TZJB	70	H1 368
	1.4 TDCi	01/09-	F6JB	50	H1 166
	1.4 TDCi	07/10-	KVJA/F6JD	51	H1 166
Fiesta Van	1.4 TDCi	10/03-10/04	F6JA/F6JB	50	H1 737
	1.4 TDCi	11/04-	F6JA/F6JB	50	H1 166
	1.4 TDCi	01/09-	F6JB	50	H1 166
	1.4 TDCi	07/10-	KVJA/F6JD	51	H1 166
	1.5 TDCi	10/12-	UGJC	55	H1 368
	1.6 TDCi	02/10-	TZJA, TZJB	70	H1 368
Fiesta Courier	1.8 D	09/91-02/96	RTC, RTD, RTG	44	H1 665
Focus	1.8 DI/TDDi	08/99-11/04	BHDA, BHDB	55	H1 794
	1.8 Turbo DI/TDDi	10/98-11/04	C9DA, C9DB, C9DC	66	H1 794
	1.8 TDCi	09/02-11/04	FFDA	74	H1 794
	1.8 TDCi	03/01-11/04	F9DA, F9DB	85	H1 794
	1.5 L Estate	10/14-	XWDA, XWDB, XWDC, XWDD	88	H1 368
	1.5 L Estate	10/14-	XXDA, XXDC	70	H1 368
	1.5 L Estate	10/14-	XXDB	77	H1 368
	1.5 L Hatchback	10/14-	XWDA, XWDB, XWDC, XWDD	88	H1 368
	1.5 L Hatchback	10/14-	XXDB	77	H1 368
	1.5 L Hatchback	10/14-	XXDA, XXDC	70	H1 368
Focus Combi	1.8 DI/TDDi	08/99-11/04	BHDA, BHDB	55	H1 794
	1.8 Turbo DI/TDDi	02/99-11/04	C9DA, C9DB, C9DC	66	H1 794
	1.8 TDCi	09/02-11/04	FFDA	74	H1 794
	1.8 TDCi	03/01-11/04	F9DA, F9DB	85	H1 794
Focus C-MAX	1.6 TDCi	02/05-03/07	HHDA, HHDB	66	H1 737
	1.6 TDCi	10/03-03/07	G8DA, G9DB	80	H1 737
	1.8 TDCi	01/05-03/07	KKDA	85	H1 794
	2.0 TDCi	10/03-03/07	G6DD, G6DA, G6DB	100	H1 992
Focus II	1.6 TDCi	11/04-	HHDA, HHDB	66	H1 737
	1.6 TDCi	11/04-	G8DA, G8DB	80	H1 737
	1.8 TDCi	11/04-	KKDA	85	H1 794
	2.0 TDCi	11/04-	G6DA, G6DB, G6DD	100	H1 992
Focus II Cabriolet	2.0 TDCi	10/06-	G6DA, G6DB, G6DD	100	H1 992
Focus III	1.6 TDCi	04/11-	T1DA, T1DB	85	H1 368
	1.6 TDCi	04/11-	T3DA, T3DB	70	H1 368
	1.6 TDCi ECOnetic	05/12-	NGDA	77	H1 368
	1.6 TDCi FAP	3/11-	SOHC-DV6	70	H1 368
	1.6 TDCi FAP	3/11-	SOHC-DV7	85	H1 368
	2.0 TDCi	3/11-	Duratorq	103	H1 368
	2.0 TDCi	3/11-	Duratorq	120	H1 368
	2.0 TDCi	04/11-	TXDB	120	H1 368
	2.0 TDCi	04/11-	UFDB	103	H1 368
	2.0 TDCi	04/11-	UKDB	100	H1 368



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Focus III	2.0 TDCi	04/11-	TYDA	85	H1 368	
Focus III Combi	1.6 TDCi	04/11-	T1DA, T1DB	85	H1 368	
	1.6 TDCi	04/11-	T3DA, T3DB	70	H1 368	
	2.0 TDCi	04/11-	UFDB	103	H1 368	
	2.0 TDCi	04/11-	UKDB	100	H1 368	
	2.0 TDCi	04/11-	TYDA	85	H1 368	
	2.0 TDCi	04/11-	TXDB	120	H1 368	
Focus III Turnier	1.6 TDCi	05/11-	T1DA, T1DB	85	H1 368	
	1.6 TDCi	05/11-	T3DA, T3DB	70	H1 368	
	1.6 TDCi ECOnetic	05/12-	NGDA	77	H1 368	
	2.0 TDCi	05/11-	TXDB	120	H1 368	
	2.0 TDCi	05/11-	UFDB	103	H1 368	
	2.0 TDCi	04/11-	UKDB	100	H1 368	
	2.0 TDCi	05/11-	TYDA	85	H1 368	
Fusion	1.4 TDCi	08/02-	F6JA, F6JB	50	H1 737	
	1.6 TDCi	11/04-	HHJA, HHJB	66	H1 737	
Galaxy	1.6 TDCi	02/11-	T1WA, T1WB	85	H1 368	
	1.8 TDCi	05/06-	FFWA	74	H1 794	
	1.8 TDCi	05/06-	QYWA	92	H1 705	
	1.9 TDI	03/95-09/01	AHU, 1Z	66	H1 659	H1 053/458
	1.9 TDI	10/01-05/06	ANU	66	H1 121	H1 053/458
	1.9 TDI	08/97-04/00	AFN, AVG	81	H1 659	H1 053/458
	1.9 TDI	04/00-09/01	AUY	85	H1 659	H1 053/458
	1.9 TDI	10/01-05/06	AUY	85	H1 121	H1 053/458
	2.0 TDCi	03/10-	TYWA	85	H1 368	
	2.0 TDCi	11/07-	KLWA,	85	H1 992	
	1.9 TDI	02/03-05/06	ASZ	96	H1 121	
	2.0 TDCi	05/06-	UFWA	103	H1 368	
	1.9 TDI	05/05-05/06	BTB	110	H1 121	
	2.0 TDCi	05/06-	AZWA	96	H1 705	
	2.0 TDCi	05/06-	QXWA, QXWB	103	H1 992	
	2.0 TDCi	05/06-	AZWC	100	H1 992	
	2.0 TDCi	03/10-	UKWA	100	H1 368	
	2.0 TDCi	03/10-	TXWA	120	H1 368	
	2.2 TDCi	03/08-	Q4BA/Q4WA	129	H1 193	
	2.2 TDCi	07/10-	KNWA	147	H1 369	
Grand Tourneo Connect	1.5 L	06/13-	XWGA, XWGB	88	H1 368	
	1.5 L	06/13-	M2GA	74	H1 368	
	1.5 L	06/13-	XVGA, XVGB, XVGC	74	H1 368	
Granada	2.5 D	05/85-10/94	STR D	51	H1 002	
	2.5 D	05/85-10/94	SFA D TURBO	68	H1 002	
	2.5 D	05/85-10/94	SFB D TURBO	68	H1 002	
KA	1.3 TDCi	11/10-	FD4	55	H5 025	
	1.3 TDCi	10/08-10/10	FD4	55	H1 859	
Kuga I	2.0 TDCi	03/08-	G6DG	100	H1 992	
	2.0 TDCi	05/10-	UKDA	100	H1 368	
	2.0 TDCi 4x4	03/08-	G6DG	100	H1 992	



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Kuga I	2.0 TDCi 4x4	05/10-	UKDA	100	H1 368
	2.0 TDCi	03/10-	UFDA	103	H1 368
	2.0 TDCi 4x4	03/10-	UFDA	103	H1 368
	2.0 TDCi 4x4	03/10-	TXDA	120	H1 368
Kuga II	1.5 TDCi	07/16-		88	H1 368
	2.0 TDCi	09/14-	XRMA, XRGB	88	H1 368
	2.0 TDCi	03/13-	UKMA	100	H1 368
	2.0 TDCi 4x4	03/13-	UKMA	100	H1 368
	2.0 TDCi	03/13-	UFMA	103	H1 368
	2.0 TDCi 4x4	03/13-	UFMA	103	H1 368
	2.0 TDCi	09/14-	T7MA, T7MB	110	H1 368
	2.0 TDCi 4x4	09/14-	T7MA, T7MB	110	H1 368
	2.0 TDCi 4x4	03/13-	TXDA	120	H1 368
	2.0 TDCi 4x4	09/14-	T8MA, T8MB	132	H1 368
Maverick	2.7 TD	02/93-08/96	TD27	74	H1 797
	2.7 TD	05/96-04/98	TD27E	92	H1 797
Mondeo	1.5 L Estate	09/14-	UGCC, XUCA	88	H1 368
	1.5 L Hatchback	09/14-	UGCC, XUCA	88	H1 368
Mondeo I	1.8 TD	06/93-08/96	RFM, RFN	65	H1 665
	1.8 TD	10/95-08/96	RFM, RFN	66	H1 665
Mondeo I Kombi	1.8 TD	06/93-08/96	RFM, RFN	65	H1 665
	1.8 TD	10/95-08/96	RFM, RFN	66	H1 665
Mondeo II	1.8 TD	09/96-11/00	RFN	66	H1 096
Mondeo II Kombi	1.8 TD	09/96-11/00	RFN	66	H1 096
Mondeo III	2.0 16V DI/TDDi/TDCi	11/00-	D5BA, SDBA	66	H1 705
	2.0 16V TDDi/TDCi	11/00-	D6BA, HJBA, HJBB, HJBC	85	H1 705
	2.0 TDCi	10/01-	FMBA, N7BA	96	H1 705
	2.2 TDCi	09/04-	QJBA, QJBB	114	H1 705
Mondeo III Kombi	2.0 16V DI/TDDi/TDCi	11/00-	D5BA, SDBA	66	H1 705
	2.0 16V TDDi/TDCi	11/00-	D6BA, HJBA, HJBB, HJBC	85	H1 705
	2.0 TDCi	10/01-	FMBA, N7BA	96	H1 705
	2.2 TDCi	09/04-	QJBA, QJBB	114	H1 705
Mondeo IV	1.6 TDCi	02/11-	T1BA, T1BB, T1BC	85	H1 368
	1.8 TDCi	03/07-	FFBA	74	H1 794
	1.8 TDCi	06/07-	KHBA, QYBA	92	H1 794
	2.0 TDCi	11/07-	KLBA, LPBA,	85	H1 992
	2.0 TDCi	03/10-	TYBA	85	H1 368
	2.0 TDCi	03/07-	AZBA	96	H1 992
	2.0 TDCi	03/07-	AZBC	100	H1 992
	2.0 TDCi	03-10-	UKBA	100	H1 368
	2.0 TDCi	03/07-	QXBB, QXBA	103	H1 992
	2.0 TDCi	03/10-	UFBA	103	H1 368
	2.0 TDCi	03/10-	TXBA	120	H1 368
	2.2 TDCi	03/08-	Q4BA	129	H1 193
	2.2 TDCi	07/10-	KNBA	147	H1 369
Mondeo IV Turnier	1.6 TDCi	12/10-	T1BA, T1BB, T1BC	85	H1 368
	1.8 TDCi	03/07-	FFBA	74	H1 794



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Mondeo IV Turnier	2.0 TDCi	11/07-	KLBA, LPBA,	85	H1 992
	2.0 TDCi	03/10-	TYBA	85	H1 368
	2.0 TDCi	03/07-	AZBC	100	H1 992
	2.0 TDCi	03-10-	UKBA	100	H1 368
	2.0 TDCi	03/07-	AZBA	96	H1 992
	2.0 TDCi	03/10-	UFBA	103	H1 368
	2.0 TDCi	03/07-	QXBA, QXBB	103	H1 992
	2.0 TDCi	03/10-	TXBA	120	H1 368
	2.2 TDCi	03/08-	Q4BA	129	H1 193
	2.2 TDCi	07/10-	KNBA	147	H1 369
Orion I	1.6 D	02/84-03/86	LTA	40	H1 006
Orion II	1.6 D	12/85-01/89	LTC	40	H1 006
	1.8 D	01/89-07/90	RTA, RTB	44	H1 665
Orion III	1.8 D	11/90-12/93	RTE, RTF, RTH	44	H1 665
	1.8 TD	03/92-12/93	RFD, RFK	66	H1 665
P 100 II	1.8 TD	10/87-12/92	RFA	55	H1 665
Ranger	2.5 D	10/99-09/01	WL	57	H1 789
	2.5 TD 4x4	10/99-09/01	WL-T	80	H1 789
	2.5 TD	04/02-06/06	WL-T	62	H1 789
	2.5 TD 4x4	04/02-06/06	WL-T	62	H1 789
	2.5 TD 4x4	10/99-09/01	WL-T	80	H1 789
	2.5 TDCi 4x4	05/06-	WLAA	105	H1 789
	2.2 TDCi	04/11-	GBVAJQW	92	H5 015
	2.2 TDCi 4x4	04/11-	GBVAJQW	92	H5 015
	2.2 TDCi	11/11-	GBVAJQJ	110	H5 015
	2.2 TDCi 4x4	04/11-	GBVAJQJ	110	H5 015
	3.2 TDCi 4x4	04/11-	SAFA	147	H5 015
	2.2 L Pick Up	09/15-		96	H5 015
	2.2 L Pick Up	09/15-	AJP*/AJQ*	118	H5 015
	2.2 L Double Cab	09/15-	AJP*/AJQ*	118	H5 015
	Pick Up				
	2.2 L Pillarless	09/15-	AJP*/AJQ*	118	H5 015
	Double Cab Pick up				
	2.2 L Chassis Cab	09/15-	AJP*/AJQ*	118	H5 015
Scorpio I	2.5 D	12/85-02/92	STR	51	H1 656
	2.5 TD	06/88-07/93	SFA, SFB	68	H1 656
	2.5 TD	08/93-09/94	SCB	85	H1 656
Scorpio I Kombi	2.5 TD	09/91-07/93	SFA, SFB	68	H1 656
	2.5 TD	08/93-09/94	SCB	85	H1 656
Scorpio II	2.5 TD	10/94-08/98	SCC	85	H1 810
	2.5 TD	09/96-08/98	VM	92	H1 810
Scorpio II Kombi	2.5 TD	10/94-08/98	SCC	85	H1 810
	2.5 TD	09/96-08/98	VM	92	H1 810
Sierra	1.8 TD	08/88-02/93	RFA, RFB, RFL	55	H1 665
	2.3 D	01/87-09/89	YTR, YTT	49	H1 656
Sierra Kombi	1.8 TD	08/88-02/93	RFA, RFB, RFL	55	H1 665
	2.3 D	01/87-02/93	YTR	49	H1 656



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S-MAX	1.6 TDCi	02/11-	T1WA, T1WB	85	H1 368
	1.8 TDCi	01/07-	FFWA	74	H1 794
	1.8 TDCi	05/06-	QYWA	92	H1 705
	2.0 TDCi	11/07-02/10	KLWA,	85	H1 992
	2.0 TDCi	03/10-	TYWA	85	H1 368
	2.0 TDCi	05/06-	AZWA	96	H1 992
	2.0 TDCi	05/06-02/10	AZWC	100	H1 992
	2.0 TDCi	03/10-	UKWA	100	H1 368
	2.0 TDCi	05/06-	UFWA	103	H1 368
	2.0 TDCi	05/06-	QXWA, QXWB, QXWC	103	H1 992
	2.0 TDCi	03/10-	TXWA	120	H1 368
	2.2 TDCi	03/08-	Q4WA	129	H1 193
	2.2 TDCi	07/10-	KNWA	147	H1 369
Tourneo Connect	1.6 TDCi	09/13-	UGBA	55	H1 368
	1.6 TDCi	09/13-	TZGA, TZGB	70	H1 368
	1.6 TDCi	09/13-	T1GA	85	H1 368
	1.8 Di	06/02-	BHPA	55	H1 794
	1.8 Turbo Di	06/02-	HCPA, HCPB	66	H1 794
	1.8 TDCi	08/06-05/06	RWPA	81	H1 794
	1.5 L	05/13-	15DSOX	74	H1 368
	1.5 L	05/13-	15DSOX	88	H1 368
Tourneo Custom	1.5 L	05/13-	XVGA, XVGB, XVGC	74	H1 368
	2.2 TDCi	12/12-	DRF4, DRFF, DRFG	74	H5 015
	2.2 TDCi	12/12-	CYF4, CYFF	92	H5 015
Transit	2.2 TDCi	12/12-	CVFF	114	H5 015
	2.0 DI	08/00-05/06	D3FA	55	H1 705
	2.0 DI	08/00-05/06	F3FA	63	H1 705
	2.0 DI	08/00-05/06	ABFA	74	H1 705
	2.0 TDCi	08/02 -05/06	F1FA	92	H1 705
	2.2 TDCi	07/06-	P8FA	63	H1 705
	2.2 TDCi	07/06-	QVFA	81	H1 705
	2.2 TDCi	07/06-	QWFA	96	H1 705
	2.2 TDCi	10/08-	SRFC/SRFA/SRFB/SRFE/SRFD	85	H1 705
	2.2 TDCi	10/07-	PGFB/PGFA	103	H1 705
	2.4 DI	01/00-05/06	F4FA	55	H1 705
	2.4 DI	01/00-05/06	D2FA, D2FB, D2FE	66	H1 705
	2.4 TDCi	07/06-	PHFA	74	H1 705
	2.4 TDCi	03/04-	JXFA	85	H1 705
	2.4 TDCi	07/06-	FXFA	85	H1 705
	2.4 DI	01/00-	D4FA	88	H1 705
	2.4 TDE	07/01-	D0FA	92	H1 705
	2.4 TDCi	03/04-	H9FA	101	H1 705
	2.4 TDCi	07/06-	H9FB	103	H1 705
	2.4 TDCi 4x4	07/06-	H9FB	103	H1 705
	3.2 TDCi	09/07-	SAFA/SAFB	147	H1 705
	2.2 TDCi	10/11-12/13	DRFA, DRFB, DRFC, DRFD	74	H5 015
	2.2 TDCi RWD	10/11-12/13	DRRA, DRRB, DRRC	74	H5 015



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Transit	2.2 TDCi	10/11-12/13	CYFA, CYFB, CYFC, CYFD	92	H5 015
	2.2 TDCi RWD	10/11-12/13	CYRA	92	H5 015
	2.2 TDCi RWD	09/11-12/13	USRA, USRB	100	H5 015
	2.2 TDCi	09/11-12/13	UHFA, UHFB, UHFC	103	H5 015
	2.2 TDCi RWD	10/11-12/13	CVRA, CVRB, CVRC	114	H5 015
	2.2 TDCi	08/13-	DRF5, DRFF, DRFG	74	H5 015
	2.2 TDCi RWD	08/13-	DRR5	74	H5 015
	2.2 TDCi	08/13-	CY14, CYF5, CYFG, USF6	92	H5 015
	2.2 TDCi RWD	08/13-	USR6	92	H5 015
	2.2 TDCi 4x4	08/13-	CY24, CYR5	92	H5 015
	2.2 TDCi	08/13-	CVF5	114	H5 015
	2.2 TDCi RWD	08/13-	CV24, CVR5, UYR6	114	H5 015
	2.2 TDCi 4x4	08/13-		114	H5 015
	2.2 L	04/06-09/11	PGFA, PGFB	103	H1 705
	2.2 L	08/11-	PGFA, PGFB, UHFA, UHFB, UHFC	103	H1 705
Transit Custom	2.2 TDCi	12/12-	DRF4, DRFF, DRFG	74	H5 015
	2.2 TDCi	12/12-	CYF4, CYFF	92	H5 015
	2.2 TDCi	12/12-	CVFF	114	H5 015
Transit Connect	1.6 TDCi	09/13-	UGBA	55	H1 368
	1.6 TDCi	09/13-	TZGA, TZGB	70	H1 368
	1.6 TDCi	09/13-	T1GA	85	H1 368
	1.8 Di	06/02-	BHPA	55	H1 794
	1.8 TDCi	06/02-	HCPA, HCPB	66	H1 794
	1.8 TDCi	08/06-	RWPA	81	H1 794
	1.5 L	06/13-	15DSOX	74	H1 368
	1.5 L	06/13-	XWGA, XWGB	89	H1 368
	1.5 L	06/13-	XWGA, XWGB	55	H1 368
	1.5 L	06/13-	XVGA, XVGB, XVGC	55	H1 368
	1.5 L	06/13-	XVGA, XVGB, XVGC	73	H1 368
Transit Courier	1.6 TDCi	02/14-	T3CA, T3CB	70	H1 368
	1.5 L	03/14-	UGCB, UGCA	55	H1 368
	1.5 L	03/14-	UGCA, UGCB, XUCC, XUCD	55	H1 368
Transit Tourneo	2.2 TDCi	07/06-	QVFA	81	H1 794
	2.2 TDCi	07/06-	QWFA	96	H1 794
	2.2 TDCi	10/08-	SRFC/SRFA/SRFB/SRFE/SRFD	85	H1 705
	2.2 TDCi	10/07-	PGFB/PGFA	103	H1 705

FORD USA

E-150 Econline	VAN	01/84-01/85	V8 6.9L DIESEL (421 CID (1) FI)	127	H0 711
E-250 Van	6.0 BASE VAN	06/01-12/05	V8-363-(VIN:P) Powerstroke	242	H1 206
E-350 Club Wagon Van	6.0 CHATEAU	01/04-12/05	V8-363-(VIN:P) Powerstroke	242	H1 206
E-350 Econline	6.9	01/83-12/87	V8 6.9L DIESEL (421 CID (1) FI)	127	H0 711
	6.9 SUPER	01/83-12/87	V8 6.9L DIESEL (421 CID (1) FI)	127	H0 711
	6.9 SUPER WAGON	01/83-12/87	V8 6.9L DIESEL (421 CID (1) FI)	127	H0 711
	7.3	01/88-12/94	V8 7.3L DIESEL TURBO (444 CID (M))	157	H0 713
	7.3	01/95-12/96	V8 7.3L DIESEL TURBO (445)	157	H1 195
	7.3	01/97-12/02	V8 7.3L DIESEL TURBO (445)	157	H1 195
	7.3 HD CLUB WAGON	01/92-12/94	V8 7.3L DIESEL TURBO (444 CID (M))	157	H0 713



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FORD USA

E-350 Econoline	7.3 HD CLUB WAGON	01/95-12/96	V8 7.3L DIESEL TURBO (445)	157	H1 195
	7.3 HD CLUB WAGON	01/97-12/02	V8 7.3L DIESEL TURBO (445)	157	H1 195
	7.3 SUPER	01/88-12/94	V8 7.3L DIESEL TURBO (444 CID (M))	157	H0 713
	7.3 SUPER	01/95-12/96	V8 7.3L DIESEL TURBO (445)	157	H1 195
	7.3 SUPER	01/97-12/02	V8 7.3L DIESEL TURBO (445)	157	H1 195
	7.3 SUPER WAGON	01/88-12/94	V8 7.3L DIESEL TURBO (444 CID (M))	157	H0 713
	7.3 SUPER WAGON	01/95-12/96	V8 7.3L DIESEL TURBO (445)	157	H1 195
	7.3 SUPER WAGON	01/97-12/02	V8 7.3L DIESEL TURBO (445)	157	H1 195
E-350 Super Duty Van	6.0 BASE VAN	01/04-12/05	V8-363-(VIN:P) Powerstroke	242	H1 206
E-450 Super Duty Van	6.0 BASE VAN	01/04-12/05	V8-363-(VIN:P) Powerstroke	242	H1 206
Excursion	E. BAUER TRUCK	00-12/03	V8-363-(VIN:P) Powerstroke	242	H1 199
	E. BAUER TRUCK	01/04-12/05	V8-363-(VIN:P) Powerstroke	242	H1 206
	LIMITED TRUCK	00-12/03	V8-363-(VIN:P) Powerstroke	242	H1 199
	LIMITED TRUCK	01/04-	V8-363-(VIN:P) Powerstroke	242	H1 206
	XLT TRUCK	00-12/03	V8-363-(VIN:P) Powerstroke	242	H1 199
	XLS TRUCK	01/04-	V8-363-(VIN:P) Powerstroke	242	H1 206
	XLT TRUCK	01/04-12/05	V8-363-(VIN:P) Powerstroke	242	H1 206
	7.3	01/00-12/02	V8-363-(VIN:P) Powerstroke	190	H1 195
F-150 Pickup	4.9	01/94-	4.9L I6	110	H0 713
	6.9	01/94-	V8 6.9L DIESEL (421 CID (1) FI)	125	H0 711
F-250 Pickup	4.9	01/94-	4.9L I6	110	H0 713
	6.9	01/83-12/85	V8 6.9L DIESEL (421 CID (1) FI)	125	H0 711
	6.9 SUPER CAB	01/85-12/87	V8 6.9L DIESEL (421 CID (1) FI)	125	H0 711
	7.3	01/88-12/94	V8 7.3L DIESEL TURBO (444 CID (M))	140	H0 713
	7.3	01/95-12/96	V8 7.3L DIESEL TURBO (445)	144	H1 195
	7.3	01/97-	V8 7.3L DIESEL TURBO (445)	157	H1 195
	7.3 SUPER CAB	01/88-12/94	V8 7.3L DIESEL TURBO (444 CID (M))	140	H0 713
	7.3 SUPER CAB	01/95-12/96	V8 7.3L DIESEL TURBO (445)	144	H1 195
	7.3 SUPER CAB	01/97-	V8 7.3L DIESEL TURBO (445)	157	H1 195
	7.3 SUPER DUTY	01/99-01/02	V8 7.3L DIESEL TURBO (445)	157	H1 195
F-250 Super Duty	6.0 BASE TRUCK	-12/05	V8 6.0L DIESEL TURBO	242	H1 206
	6.0 FX 4 TRUCK	-12/05	V8 6.0L DIESEL TURBO	242	H1 206
	6.0 HARLEY D.E. TRUCK	01/04-12/05	V8 6.0L DIESEL TURBO	242	H1 206
	6.0 KING RANCH TRUCK	01/04-12/05	V8 6.0L DIESEL TURBO	242	H1 206
	6.0 LARIAT TRUCK	-12/03	V8 6.0L DIESEL TURBO	242	H1 199
	6.0 LARIAT TRUCK	01/04-12/05	V8 6.0L DIESEL TURBO	242	H1 206
	6.0 XL TRUCK	-12/03	V8 6.0L DIESEL TURBO	242	H1 199
	6.0 XL TRUCK	01/04-12/05	V8 6.0L DIESEL TURBO	242	H1 206
	6.0 XLT TRUCK	-12/03	V8 6.0L DIESEL TURBO	242	H1 199
	6.0 XLT TRUCK	01/04-12/05	V8 6.0L DIESEL TURBO	242	H1 206
F-350 Pickup	6.9	01/83-12/87	V8 6.9L DIESEL (421 CID (1) FI)	125	H0 711
	7.3	01/88-12/94	V8 7.3L DIESEL TURBO (444 CID (M))	140	H0 713
	7.3	01/95-12/97	V8 7.3L DIESEL TURBO (445)	144	H1 195
	7.3 SUPER CAB	01/88-12/94	V8 7.3L DIESEL TURBO (444 CID (M))	140	H0 713
	7.3 SUPER CAB	01/95-12/97	V8 7.3L DIESEL TURBO (445)	144	H1 195
	7.3 SUPER DUTY	01/99-01/02	V8 7.3L DIESEL TURBO (445)	157	H1 195
F-350 Super Duty	6.0 BASE TRUCK	-12/05	V8 6.0L DIESEL TURBO	242	H1 206



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**FORD USA**

F-350 Super Duty	6.0 HARLEY D.E. TRUCK	01/04-12/05	V8 6.0L DIESEL TURBO	242	H1 206
	6.0 KING RANCH TRUCK	01/04-12/05	V8 6.0L DIESEL TURBO	242	H1 206
	6.0 LARIAT TRUCK	-12/03	V8 6.0L DIESEL TURBO	242	H1 199
	6.0 LARIAT TRUCK	01/04-12/05	V8 6.0L DIESEL TURBO	242	H1 206
	6.0 XL TRUCK	-12/03	V8 6.0L DIESEL TURBO	242	H1 199
	6.0 XL TRUCK	01/04-12/05	V8 6.0L DIESEL TURBO	242	H1 206
	6.0 XLT TRUCK	-12/03	V8 6.0L DIESEL TURBO	242	H1 199
	6.0 XLT TRUCK	01/04-12/05	V8 6.0L DIESEL TURBO	242	H1 206
F-450 PickUp	7.3 SUPER DUTY	01/99-01/02	V8 7.3L DIESEL TURBO (445)	157	H1 195
F-450 Super Duty	6.0 LARIAT TRUCK	-12/03	V8 6.0L DIESEL TURBO	242	H1 199
	6.0 LARIAT TRUCK	01/04-12/05	V8 6.0L DIESEL TURBO	242	H1 206
	6.0 XL TRUCK	-12/03	V8 6.0L DIESEL TURBO	242	H1 199
	6.0 XL TRUCK	01/04-12/05	V8 6.0L DIESEL TURBO	242	H1 206
	6.0 XLT TRUCK	-12/03	V8 6.0L DIESEL TURBO	242	H1 199
	6.0 XLT TRUCK	01/04-12/05	V8 6.0L DIESEL TURBO	242	H1 206
F-550 PickUp	7.3 SUPER DUTY	01/99-01/02	V8 7.3L DIESEL TURBO (445)	157	H1 195
F-550 Super Duty	6.0 LARIAT TRUCK	-12/03	V8 6.0L DIESEL TURBO	242	H1 199
	6.0 LARIAT TRUCK	01/04-12/05	V8 6.0L DIESEL TURBO	242	H1 206
	6.0 XL TRUCK	-12/03	V8 6.0L DIESEL TURBO	242	H1 199
	6.0 XL TRUCK	01/04-12/05	V8 6.0L DIESEL TURBO	242	H1 206
	6.0 XLT TRUCK	-12/03	V8 6.0L DIESEL TURBO	242	H1 199
	6.0 XLT TRUCK	01/04-12/05	V8 6.0L DIESEL TURBO	242	H1 206

GMC (USA)

Caballero		1984	V8 5.7L 350 CID (N) FI DIESEL		H1 197
Jimmy	C 2WD	1978 - 1979	V8 5.7L 350 CID (N) DIESEL		H1 197
	C 2WD	1980 - 1981	V8 5.7L 350 CID (N) DIESEL		H0 711
	C 2WD	1992 - 1998	V8 6.5L 395 CID (F) FI DIESEL		H1 197
	C 2WD	1994 - 1995	V8 6.5L (P) TBI DIESEL		H1 197
	C 2WD	1994 - 1998	V8 6.5L 395 CID (S) FI DIESEL		H1 197
	R 2WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL		H1 197
	R 2WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL		H1 197
	C 4WD	1992 - 1998	V8 6.5L 395 CID (F) FI DIESEL		H1 197
	C 4WD	1994 - 1995	V8 6.5L (P) TBI DIESEL		H1 197
	C 4WD	1994 - 1998	V8 6.5L 395 CID (S) FI DIESEL		H1 197
	K 4WD	1978 - 1979	V8 5.7L 350 CID (N) DIESEL		H1 197
	K 4WD	1980 - 1981	V8 5.7L 350 CID (N) DIESEL		H0 711
	V 4WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL		H1 197
	V 4WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL		H1 197
PickUp	CAB CHASIS C	2000 - 2002	V8 6.5L 395 CID (F) FI DIESEL		H1 197
	CAB CHASIS C 2WD	1978 - 1979	V8 5.7L 350 CID (N) DIESEL		H1 197
	CAB CHASIS C 2WD	1980 - 1981	V8 5.7L 350 CID (N) DIESEL		H0 711
	CAB CHASIS C 2WD	1992 - 2001	V8 6.5L 395 CID (F) FI DIESEL		H1 197
	CAB CHASIS C 2WD	1994 - 1995	V8 6.5L (P) TBI DIESEL		H1 197
	CAB CHASIS C 2WD	1994 - 1995	V8 6.5L 395 CID (S) FI DIESEL		H1 197
	CAB CHASIS K	1999 - 2000	V8 6.5L 395 CID (F) FI DIESEL		H1 197
	1 TON CREW CAB	1978 - 1979	V8 5.7L 350 CID (N) DIESEL		H1 197
	1 TON CREW CAB	1980 - 1981	V8 5.7L 350 CID (N) DIESEL		H0 711



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**GMC (USA)**

PickUp

1 TON CREW CAB	1992 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
1 TON CREW CAB	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197
1 TON CREW CAB	1994 - 1995	V8 6.5L 395 CID (S) FI DIESEL	H1 197
1 TON C 2WD	1978 - 1979	V8 5.7L 350 CID (N) DIESEL	H1 197
1 TON C 2WD	1980 - 1981	V8 5.7L 350 CID (N) DIESEL	H0 711
1 TON C 2WD	1992 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
1 TON C 2WD	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197
1 TON C 2WD	1994 - 1995	V8 6.5L 395 CID (S) FI DIESEL	H1 197
1 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
1 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
1 TON K 4WD	1978 - 1979	V8 5.7L 350 CID (N) DIESEL	H1 197
1 TON K 4WD	1980 - 1981	V8 5.7L 350 CID (N) DIESEL	H0 711
1 TON K 4WD	1992 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
1 TON K 4WD	1994	V8 6.5L (P) TBI DIESEL	H1 197
1 TON K 4WD	1994	V8 6.5L 395 CID (S) FI DIESEL	H1 197
1 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
1 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
1/2 TON CLASSIC C	1999 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
1/2 TON CLASSIC K	1999 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
1/2 TON EXT CAB	1999 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
1/2 TON C 2WD	1978 - 1979	V8 5.7L 350 CID (N) DIESEL	H1 197
1/2 TON C 2WD	1980 - 1981	V8 5.7L 350 CID (N) DIESEL	H0 711
1/2 TON C 2WD	1992 - 1998	V8 6.5L 395 CID (F) FI DIESEL	H1 197
1/2 TON C 2WD	1994 - 1998	V8 6.5L 395 CID (S) FI DIESEL	H1 197
1/2 TON C 2WD	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197
1/2 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
1/2 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
1/2 TON K 4WD	1978 - 1979	V8 5.7L 350 CID (N) DIESEL	H1 197
1/2 TON K 4WD	1980 - 1981	V8 5.7L 350 CID (N) DIESEL	H0 711
1/2 TON K 4WD	1992 - 1998	V8 6.5L 395 CID (F) FI DIESEL	H1 197
1/2 TON K 4WD	1994 - 1998	V8 6.5L 395 CID (S) FI DIESEL	H1 197
1/2 TON K 4WD	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197
1/2 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
1/2 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
3/4 TON CLASSIC C	1999 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
3/4 TON CLASSIC K	1999 - 2000	V8 6.5L 395 CID (F) FI DIESEL	H1 197
3/4 TON C 2WD	1978 - 1979	V8 5.7L 350 CID (N) DIESEL	H1 197
3/4 TON C 2WD	1980 - 1981	V8 5.7L 350 CID (N) DIESEL	H0 711
3/4 TON C 2WD	1992 - 1998	V8 6.5L 395 CID (F) FI DIESEL	H1 197
3/4 TON C 2WD	1994 - 1998	V8 6.5L 395 CID (S) FI DIESEL	H1 197
3/4 TON C 2WD	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197
3/4 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
3/4 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
3/4 TON K 4WD	1978 - 1979	V8 5.7L 350 CID (N) DIESEL	H1 197
3/4 TON K 4WD	1980 - 1981	V8 5.7L 350 CID (N) DIESEL	H0 711
3/4 TON K 4WD	1992 - 1998	V8 6.5L 395 CID (F) FI DIESEL	H1 197
3/4 TON K 4WD	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197



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**GMC (USA)**

PickUp	3/4 TON K 4WD	1994 - 1998	V8 6.5L 395 CID (S) FI DIESEL	H1 197
	3/4 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	3/4 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
Sierra	2500HD	2001 - 2004	6.6L V8 Diesel Duramax LB7	H1 198
	3500HD	2001 - 2004	6.6L V8 Diesel Duramax LB7	H1 198
	CHASSIS CAB	2001 - 2004	6.6L V8 Diesel Duramax LB7	H1 198
	DENALI	2003 - 2004	6.6L V8 Diesel Duramax LB7	H1 198
Suburban	1/2 TON C 2WD	1978 - 1979	V8 5.7L 350 CID (N) DIESEL	H1 197
	1/2 TON C 2WD	1980 - 1981	V8 5.7L 350 CID (N) DIESEL	H0 711
	1/2 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	1/2 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	1/2 TON K 4WD	1978 - 1979	V8 5.7L 350 CID (N) DIESEL	H1 197
	1/2 TON K 4WD	1980 - 1981	V8 5.7L 350 CID (N) DIESEL	H0 711
	1/2 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	1/2 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	3/4 TON C 2WD	1978 - 1979	V8 5.7L 350 CID (N) DIESEL	H1 197
	3/4 TON C 2WD	1980 - 1981	V8 5.7L 350 CID (N) DIESEL	H0 711
	3/4 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	3/4 TON R 2WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	3/4 TON K 4WD	1978 - 1979	V8 5.7L 350 CID (N) DIESEL	H1 197
	3/4 TON K 4WD	1980 - 1981	V8 5.7L 350 CID (N) DIESEL	H0 711
	3/4 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	3/4 TON V 4WD	1987 - 1991	V8 6.2L 379 CID (J) FI DIESEL	H1 197
Van	CHASSIS 1 TON P	1979	V8 5.7L 350 CID (N) DIESEL	H1 197
	CHASSIS 1 TON P	1982 - 1989	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	CHASSIS 1 TON P	1982 - 1993	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	CHASSIS 1 TON P	1994 - 1999	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	CHASSIS 1 TON P	1994 - 1999	V8 6.5L 395 CID (Y) FI DIESEL	H1 197
	CHASSIS 1/2 TON P	1979	V8 5.7L 350 CID (N) DIESEL	H1 197
	CHASSIS 1/2 TON P	1982 - 1986	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	CHASSIS 1/2 TON P	1982 - 1986	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	CHASSIS 3/4 TON P	1979	V8 5.7L 350 CID (N) DIESEL	H1 197
	CHASSIS 3/4 TON P	1982 - 1989	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	CHASSIS 3/4 TON P	1982 - 1989	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	1 TON G	1979	V8 5.7L 350 CID (N) DIESEL	H1 197
	1 TON G	1982 - 1993	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	1 TON G	1982 - 1993	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	1 TON G	1994 - 1996	V8 6.5L 395 CID (Y) FI DIESEL	H1 197
	1 TON G	1996 - 2002	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	1/2 TON G	1979	V8 5.7L 350 CID (N) DIESEL	H1 197
	1/2 TON G	1982 - 1986	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	1/2 TON G	1982 - 1986	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	3/4 TON G	1979	V8 5.7L 350 CID (N) DIESEL	H1 197
	3/4 TON G	1982 - 1993	V8 6.2L 379 CID (C) FI DIESEL	H1 197
	3/4 TON G	1982 - 1993	V8 6.2L 379 CID (J) FI DIESEL	H1 197
	3/4 TON G	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197
	3/4 TON G	1994 - 1995	V8 6.5L 395 CID (Y) FI DIESEL	H1 197



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**GMC (USA)**

Van	3/4 TON G	1996 - 2002	V8 6.5L 395 CID (F) FI DIESEL	H1 197
Yukon	C 2WD	1992 - 1998	V8 6.5L 395 CID (F) FI DIESEL	H1 197
	C 2WD	1994 - 1995	V8 6.5L (P) TBI DIESEL	H1 197
	C 2WD	1994 - 1998	V8 6.5L 395 CID (S) FI DIESEL	H1 197

LDV Limited

Sherpa	2.0 D	05/86-03/91	Perkins, Prima 65	46	H1 656
	2.5 VAN DI	08/84-			H1 656
400	2.5 TD	11/95-		71	H1 004
CUB	2.3 D	08/98-	LD23	53	H1 204

FSO / FSK (PL)

Polonez	1.6 D	01/86-	VW Engine	37	H1 657
Polonez II	1.9 D	08/88-08/92		51	H1 826
Polonez III	1.9 D	09/92-03/02	XUD 9A	51	H1 002

HINDUSTAN MOTORS

Ambasador	1.5	01/78-			H1 661
Porter	1.5	01/80-			H1 661
Trekker	1.5	01/77-			H1 661

HINO

Ranger	3.0 D	01/83-07/88	B	60	H1 213
	3.4 D	01/83-07/88	3B	70	H1 213

HONDA

Accord Estate	2.2 L	06/08-03/11	N22B1	110	H5 021
	2.2 L	06/08-03/11	N22B2	132	H5 021
	2.2 L	04/11-11/15	N22B1	110	H5 021
	2.2 L	04/11-11/15	N22B1	132	H5 021
	2.2 L	04/11-11/15	N22B1	132	H5 021
Accord Saloon	2.2 L	06/08-03/11	N22B1	110	H5 021
	2.2 L	06/08-03/11	N22B2	132	H5 021
	2.2 L	04/11-11/15	N22B1	110	H5 021
	2.2 L	04/11-11/15	N22B1	132	H5 021
Accord VI	2.0 TDi	04/96-10/98	20T2N	77	H1 089
Accord VII	2.0 Turbo Di	02/99-12/02	20T2N	77	H1 824
Accord VIII	2.2 i-CTDi	01/04-	N22A1	103	H5 021
	2.2 i-DTEC	07/08-06/15	N22B1	110	H5 021
	2.2 i-DTEC	07/08-06/15	N22B2	132	H5 021
Accord VIII Tourer	2.2 i-CTDi	01/04-	N22A1	103	H5 021
Civic VI Aerodeck	2.0 i D	04/98-02/01	20T2N	77	H5 021
Civic VI Fastback	2.0 i TD	01/97-02/01	20T2R	63	H5 021
Civic VII Hatchback	1.7 CTDi	01/02-09/05	4EE-2	74	H1 860
Civic VIII Hatchback	2.2 CTDi	01/06-	N22A2	103	H5 021
Civic V	2.0 i TD	01/97-02/01	20T2R	63	H1 089
	2.0 i D	04/98-02/01	20TN2	77	H1 089
Civic VI	2.0 i D	01/02-09/05	4EE-2	74	H1 860
Civic VII	1.7 CTDi	01/02-09/06	4EE-3	74	H1 860
Civic IX	2.2 i-DTEC	02/12-	N22B4	110	H5 021
Concerto	1.8 TD	10/94-12/95	XUD 7 TE	64	H1 004
CR-V	2.2 L	01/10-09/12	N22A2/B3	110	H5 021
	2.2 L	10/12-	N22B4	110	H5 021



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HONDA

CR-V II	2.2 CTDi	02/05-09/06	N22A2	103	H5 021
CR-V III	2.2 i-CTDi	01/07-	N22A2	103	H5 021
	2.2 i-DTEC 4WD	01/07-	N22B3	110	H5 021
CR-V IV	2.2 i-DTEC 4WD	10/12-	N22B4	110	H5 021
FR-V	2.2 i CTDi	07/05-	N22A1	103	H5 021

HUMMER

Hummer H1	6.5 D	01/92-		125	
	6.5 Turbo D	01/92-		143	

HYUNDAI

Accent	1.5 TDi	04/02-		55	H1 955
	1.5 CRDi	01/02-	D3-EA	60	H1 955
	1.5 CRDi GLS	11/05-		81	H1 208
Accent II	1.5 CRDi	04/02-	D3-EA	60	H1 955
Accent III	1.5 CRDi GLS	11/05-	D4FA	81	H1 208
Elantra	2.0 CRDi	04/01-	D4EA	83	H1 955
Gallopel I	2.5 TD	07/94-12/95	4D56T	62	H1 799
	2.5 TD	01/96-07/98	4D56T	62	H1 211
	2.5 TD Intercooler	07/94-12/95	4D56T	70	H1 799
	2.5 TD Intercooler	01/96-07/98	4D56T	70	H1 211
Gallopel II	2.5 TD Intercooler	08/98-	D4BH	73	H1 799
	2.5 Tci D	08/98-	D4BH	77	H1 666
Getz	1.5 CRDi	03/03-	D3-EA	60	H1 955
	1.5 CRDi	08/05-	D4FA	65	H1 208
	1.5 CRDi GLS	08/05-	D4FA	81	H1 208
H1	2.5 TD	03/00-09/00	D4BF	59	H1 799
	2.5 TD	03/00-	D4BH	73	H1 799
	2.5 TD	10/01-		74	H1 799
	2.5 CRDi	07/01-04/04	D4CB	81	H1 105
	2.5 CRDi	08/03-	D4CB	103	H1 105
H1 Cargo	2.5 CRDi	02/08-	D4CB	81	H1 105
	2.5 CRDi	08/11-	D4CB	85	H1 105
	2.5 CRDi	08/09-	D4CB	100	H1 105
	2.5 CRDi	02/08-	D4CB	120	H1 105
	2.5 CRDi	02/08-	D4CB	125	H1 105
H1 Starex	2.5 D	10/97-	D4BB	57	H1 666
	2.5 TD	10/97-	D4BF	59	H1 799
	2.5 TD	10/99-11/01	D4BH	73	H1 799
	2.5 TD	11/01-07/03		74	H1 211
	2.5 TD	08/03-		74	H1 666
	2.5 CRDi	06/06-12/07	D4CB	81	H1 105
	2.5 CRDi	06/97-04/04	D4CB	85	H1 105
	2.5 CRDi	12/02-04/04	D4CB	120	H1 105
	2.5 D	07/93-12/94	D4BX, D4BA	55	H1 666
H 100	2.5 TD	12/94-03/00	D4BB	57	H1 666
	2.5 TD	07/93-03/00	D4BF	59	H1 799
H-1	2.5 CRDi	02/08-	D4CB	125	H1 105
H-1 Travel	2.5 CRDi	05/08-	D4CB	125	H1 105



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HYUNDAI

i10	1.1 CRDi	03-08-	D3FA	55	H1 208
i20	1.1 CRDi	03/12-	D3FA	55	H1 208
	1.4 CRDi	12/08-	D4FC	55	H1 208
	1.4 CRDi	12/08-	D4FC	66	H1 208
	1.6 CRDi	04/09-	D4FB	85	H1 208
	1.6 CRDi	01/09-	D4FB	94	H1 208
i30 (FD)	1.6 CRDi	10/07-11/11	D4FB	66	H1 208
	1.6 CRDi	10/07-11/11	D4FB	85	H1 208
	1.6 CRDi	01/10-11/11	D4FB	94	H1 208
	2.0 CRDi	10/07-11/11	D4EA	100	H1 955
	2.0 CRDi	10/07-11/11	D4EA	103	H1 955
i30 (GD)	1.4 CRDi	11/11-	D4FC	66	H1 208
	1.6 CRDi	06/12-	D4FB	81	H1 208
	1.6 CRDi	11/11-	D4FB	94	H1 208
i30 CW (FD)	1.6 CRDi	02/08-06/12	D4FB	66	H1 208
	1.6 CRDi	02/08-06/12	D4FB	85	H1 208
	1.6 CRDi	01/10-06/12	D4FB	94	H1 208
	2.0 CRDi	10/08-06/12	D4EA	100	H1 955
	2.0 CRDi	02/08-06/12	D4EA	103	H1 955
i30 CW (GD)	1.4 CRDi	06/12-	D4FC	66	H1 208
	1.6 CRDi	06/12-	D4FB	81	H1 208
	1.6 CRDi	06/12-	D4FB-5P	94	H1 208
ix20	1.4 CRDi	06/11-	D4FC-M	57	H1 208
	1.4 CRDi	11/10-	D4FC	66	H1 208
	1.6 CRDi	06/11-	D4FB	85	H1 208
	1.6 CRDi	06/11-	D4FB	94	H1 208
ix35	2.0 CRDi	01/10-	D4HA, for Exhaust Emission Norm Euro 3, Euro 4	100	H1 453
	2.0 CRDi	01/10-	D4HA, for Exhaust Emission Norm Euro 5	100	H5 123
	2.0 CRDi 4WD	01/10-	D4HA, for Exhaust Emission Norm Euro 3, Euro 4	100	H1 453
	2.0 CRDi 4WD	01/10-	D4HA, for Exhaust Emission Norm Euro 5	100	H5 123
	2.0 CRDi 4WD	01/10-	D4HA, for Exhaust Emission Norm Euro 3, Euro 4	135	H1 453
	2.0 CRDi 4WD	01/10-	D4HA, for Exhaust Emission Norm Euro 5	135	H5 123
ix55	3.0 V6 CRDi 4WD	09/08-	D6EA	176	H1 395
	3.0 V6 CRDi 4WD	9/11-12/13	D6EB	184	H1 395
Matrix	1.5 CRDi	10/01-	D3-EA	60	H1 955
	1.5 CRDi	12/04-	D4FA	75	H1 208
	1.5 CRDi VGT	08/05-	D4FA	81	H1 208
Porter	2.5 CRDi	02/03-04/04	D4CB	103	H1 105
Santa Fe	2.2 L	01/10-09/12	D4HB	143	H1 453
Santa FE I	2.0 CRDi	04/01-	D4EA	83	H1 955
	2.0 CRDi 4x4	08/03-	D4EA	92	H1 955
	2.2 CRDi	03/06-		102	H1 955
	2.2 CRDi gls	10/05-		110	H1 955
	2.2 CRDi	03/06-		114	H1 955
	2.0 CRDi 4x4	04/01-03/06	D4EA	83	H1 955
	2.2 CRDi 4x4	10/05-03/06	D4EB	110	H1 955
Santa FE II	2.0 CRDi	12/10-	D4HA, for Exhaust Emission Norm Euro 4	110	H1 453



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**HUNDAY**

Santa FE II	2.0 CRDi 4x4	12/10-	D4HA, for Exhaust Emission Norm Euro 4	110	H1 453
	2.2 CRDi	03/06-	D4EB	102	H1 955
	2.2 CRDi 4x4	03/06-	D4EB	102	H1 955
	2.2 CRDi GLS	03/06-	D4EB	110	H1 955
	2.2 CRDi GLS 4x4	03/06-	D4EB	110	H1 955
	2.2 CRDi	03/06-	D4EB	114	H1 955
	2.2 CRDi 4x4	03/06-	D4EB	114	H1 955
Santa FE III	2.2 CRDi	09/12-	D4HB for Exhaust Emission Norm Euro 5	145	H1 453
	2.2 CRDi 4WD	09/12-	D4HB for Exhaust Emission Norm Euro 5	145	H1 453
Sonata	2.0 CRDi	02/06-		103	H1 955
Starex	2.5 TD	06/97-		59	H1 799
	2.5 TD 4WD	02/98-	D4BF	59	H1 799
Terracan	2.9 CRDi	11/01-07/03	J3	110	H1 211
	2.9 CRDi 4WD	12/01-12/06	J3	110	H1 211
	2.9 CRDi 4WD	11/03-12/06	J3	120	H1 211
Trajet	2.0 CRDi	04/01-	D4EA	83	H1 955
Tucson	2.0 CRDi	08/04-	D4EA	83	H1 955
	2.0 CRDi	01/06-	D4EA	100	H1 955
	2.0 CRDi Allrad	01/06-	D4EA	100	H1 955
	2.0 CRDi	01/06-	D4EA-V	103	H1 955
	2.0 CRDi Allrad	01/06-	D4EA-V / D4EA-F	103	H1 955
Tucson 4x4	2.0 CRDi	08/04-	D4EA	83	H1 955

INFINITI

Q30	1.5 D	11/15-		80	H1 392
EX	30d	04/10	V9X	175	H5 126
FX	30d AWD	04/10	V9X	175	H5 126
M (Y51)	30d	03/10	V9X	175	H5 126
Q70 (Y51)	3.0	03/13	V9X	175	H5 126
QX70	30d AWD	08/13	V9X	175	H5 126

INNOCENTI

Elba	1.7 D	08/91-12/96	146 B2.000	42	H1 002
Mini 990 D	1.0 D	01/82-12/90	Daihatsu engine	27	H1 512

ISUZU

Campo	2.2 D	04/86-12/90	KBD27, KBD47	39	H0 643
Gemini	1.5 D	02/88-12/90	4EC1	37	H1 692
	1.5 D	12/88-	4EC1	40	H1 692
	1.5 TD	02/88-11/88	4EC1T	49	H0 710
	1.5 TD	12/88-12/90	4EC1T	49	H1 691
	1.5 D	02/88-11/88	4EC1	37	H0 643
D-Max	2.5 DiTD 4X4	01/07-	4JK1-TC	100	H1 469
	3.0 D	01/07-	4JJ1-TC	120	H1 469
	3.0 D 4X4	01/07-	4JJ1-TC	120	H1 469
Midi	2.0 TD	01/89-	4FC1T	51	H1 691
	2.0 TD	01/89-	4FC1T	51	H0 710
	2.2 D	09/88-	4FD1	45	H1 691
	2.2 D	09/88-	4FD1	45	H0 710
	2.4 D	01/94-	4FG1T	56	H1 691



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**ISUZU**

Midi	2.4 D	01/94-	4FG1T	56	H0 710
N-Serie		10/06-		110	H1 469
		09/08-		96	H1 469
		10/06-		110	H1 469
Pick-up	2.0 D	01/83-	C 190	34	H0 643
	2.2 D	04/86-08/87	C 223	39	H0 643
	2.2 D	08/87-10/88	C 223	39	H1 692
Trooper Soft Top	2.2 TD	03/84-10/88	C 223T	53	H1 692
	3.0 DTI	04/00-	4JX1	118	H1 918
Trooper	2.8 TD	10/87-12/91	4JB1T	71	H1 125
	2.8 TD	10/88-12/91	4JB1-TC	78	H1 125
	3.0 DTI	04/00-	4JX1	118	H1 918
	3.1 TD	06/92-	4JGT2	83	H1 691

IVECO

Daily I	30-8	01/78-12/89	8140.61.200	53	H1 656
	30-8	01/92-08/98	8140.67F	55	H1 126
	30-8	01/92-08/98	8140.07.2700	55	H0 537
	30-8	01/96-08/98	8140.67F	60	H1 126
	30-8	09/98-	8140.63	62	H1 808
	30-8	09/98-	8140.63	62	H1 808
	30-8 V	09/98-	8140.63	62	H1 808
	30-8 V, 30-8 C	01/78-12/89	8140.61.200	53	H1 656
	30-8 V, 30-8 C	01/89-08/98	8140.67F	55-60	H1 126
	30-8 V, 30-8 C	01/89-08/98	8140.07.2700	55-60	H0 537
	30-8 V, 30-8 C	01/89-08/98	8140.07.2712	55-60	H0 537
	30-8 V, 30-8 C	01/89-08/98	8140.67F	60	H1 126
	30-8 V, 30-8 C	09/98-	8140.63	62	H1 808
	30-10	01/98-	8140.23	76	H0 537
	30-10 C	01/98-	8140.23	76	H0 537
	30-10 C	01/97-	8140.23	76	H0 537
	30-10 V, 30-10 C	01/97-	8140.23	76	H0 537
	35-8	01/78-12/89	8140.61.200	53	H1 656
	35-8	01/89-08/98	8140.67F	55-60	H1 126
	35-8	01/89-08/98	8140.07.2712	55-60	H0 537
	35-8	01/89-08/98	8140.07.2700	55-60	H0 537
	35-8	09/98-	8140.63	62	H1 808
	35-8 K	09/98-	8140.63	62	H1 808
	35-8 V, 35-8 C	01/78-12/89	8140.61.200	53	H1 656
	35-8 V, 35-8 C	01/91-08/98	8140.67F	55-60	H1 126
	35-8 V, 35-8 C	01/91-08/98	8140.07.2700	55-60	H0 537
	35-8 V, 35-8 C	01/91-08/98	8140.07.2712	55-60	H0 537
	35-8 V, 35-8 C	09/98-	8140.63	62	H1 808
	35-10	01/85-12/89	8140.21.200	68	H1 656
	35-10	01/89-12/96	8140.47R.2790	76	H0 537
	35-10	01/96-	8140.23	76	H0 537
	35-10 K	01/97-	8140.23	76	H0 537
	35-10 V, 35-10 C	01/85-12/89	8140.21.200	68	H1 656



kW



IVECO

Daily I

35-10 V, 35-10 C	01/89-08/98	8140.47R	76-80	H0 537
35-10 V, 35-10 C	01/96-	8140.23	76	H0 537
35-12	01/90-04/96	8140.47.2700	85	H0 537
35-12	05/96-	8140.43	90	H0 537
35-12 K	09/96-08/98	8140.43	90	H0 537
35-12 V, 35-12 C	01/90-04/96	8140.47.2700	85	H0 537
40-8	01/83-06/89	8140.61.200	53	H1 656
40-8 V	01/83-06/89	8140.61.200	53	H1 656
40-10	01/85-12/89	8140.27 S	68	H0 537
40-10 V	01/85-12/89	8140.27 S	68	H0 537
40-10 V	01/90-04/96	8140.27.2720	76	H0 537
40-10 W	01/97-	8140.23	76	H0 537
40-10 WW, 40-10 WC	01/97-	8140.23	76	H0 537
40-12	10/90-04/96	8140.47.2700	85	H0 537
40-12 V	10/90-04/96	8140.47.2700	85	H0 537
45-10	01/85-12/89	8140.21.200	68	H1 126
45-10	01/89-04/96	8140.27.2720	76	H0 537
45-10	01/92-04/96	8140.27.2720	76	H0 537
45-10 V	01/85-12/89	8140.21.200	68	H1 126
45-10 V	01/89-04/96	8140.27.2720	76	H0 537
49-10	01/85-01/89	8140.21.200	68	H1 656
49-10	01/89-04/96	8140.27.2700	76	H0 537
49-10	01/89-04/96	8140.47R.2790	76	H0 537
49-10	05/96-	8140.23	76	H0 537
49-10 K	01/89-04/96	8140.27.2700	76	H0 537
49-10 K	01/89-04/96	8140.47R.2790	76	H0 537
49-10 K	05/96-	8140.23	76	H0 537
49-10 V	01/85-12/89	8140.21.200	68	H1 656
49-10 V	01/89-04/96	8140.47R.2790	76	H0 537
49-10 V	01/89-04/96	8140.27.2700	76	H0 537
49-12	06/90-04/96	8140.47.2711	85	H0 537
49-12	06/90-04/96	8140.47.2721	85	H0 537
49-12	05/96-	8140.43	90	H0 537
49-12 K	06/90-04/96	8140.47.2721	85	H0 537
49-12 K	06/90-04/96	8140.47.2711	85	H0 537
49-12 K	05/96-	8140.43	90	H0 537
49-12 V	06/90-04/96	8140.47.2721	85	H0 537
49-12 V	06/90-04/96	8140.47.2711	85	H0 537
49-12 V	05/96-	8140.43	90	H0 537
59-12	05/91-04/96	8140.47.2711	85	H0 537
59-12	05/91-04/96	8140.47.2700	85	H0 537
59-12	05/96-	8140.43	90	H0 537
59-12 K	05/91-04/96	8140.47.2711	85	H0 537
59-12 K	05/91-04/96	8140.47.2700	85	H0 537
59-12 K	05/96-	8140.43	90	H0 537
59-12 V	05/91-04/96	8140.47.2700	85	H0 537
59-12 V	05/91-04/96	8140.47.2711	85	H0 537



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IVECO

Daily I

59-12 V	05/96-	8140.43	90	H0 537
A 40-10	09/96-	8140.23	76	H0 537
A 40-10	01/91-12/96	8140.27.2720	76	H0 537
A 40-12	05/96-	8140.43	90	H0 537
A 45-10	01/91-04/96	8140.27.2720	76	H0 537
A 45-10	05/96-	8140.23	76	H0 537
A 45-12	06/90-04/96	8140.47.2711/ 2721	85	H0 537
A 45-12	05/96-	8140.43	90	H0 537

Daily II

29 L 10	09/02-	F1AE0481A	70	H1 815
29 L 10 V	09/02-	F1AE0481A	70	H1 815
29 L 9	05/99-	8140.63	62	H1 808
29 L 9 V	05/99-	8140.63	62	H1 808
29 L 11	05/99-	8140.43C	78	H0 569
29 L 11	05/99-	8140.43B	78	H0 569
29 L 11 V	05/99-	8140.43C	78	H0 569
29 L 12	09/02-	F1AE0481B	85	H1 815
29 L 12 V	09/02-	F1AE0481B	85	H1 815
29 L 13	11/01-	8140.43S	92	H0 569
29 L 13 V	05/01-	8140.43S	92	H0 569
29 L 14	01/05-	F1AE0481M	100	H1 815
35 S 9 V, 35 C 9 V	05/99-	8140.63	62	H1 808
35 S 9, 35 C 9	05/99-	8140.63	62	H1 808
35 C 10V, 35 S 10V	09/02-	F1AE0481A	70	H1 815
35 C 12, 35 S 12	09/02-	F1AE0481B	85	H1 815
35 C 12V, 35 S 12V	09/02-	F1AE0481B	85	H1 815
35 C 14	09/04-04/06	F1CE0481A	100	H1 815
35 C 14, 35 S 14	01/05-04/06	F1AE0481M	100	H1 815
35 S 11 V, 35 C 11 V	05/99-	8140.43C	78	H0 569
35 S 11, 35 C 11	05/99-	8140.43C	78	H0 569
35 S 13 V, 35 C 13 V	05/99-	8140.43S	92	H0 569
35 S 13, 35 C 13	05/99-	8140.43S	92	H0 569
35 S 15 V, 35 C 15 V	11/02-	8140.43N	107	H0 569
35 S 15, 35 C 15	11/01-	8140.43N	107	H0 569
35 C 17, 35 S 17	01/05-04/06	F1CE0481B	122	H1 815
35 S 10	09/02-	F1AE0481A	70	H1 815
50 C 11	05/99-	8140.43C	78	H0 569
50 C 11	05/99-	8140.43C	78	H0 569
50 C 13	05/99-	8140.43S	92	H0 569
50 C 13	05/99-	8140.43S	92	H0 569
50 C 15	01/01-	8140.43N	107	H0 569
65 C 15	11/01-	8140.43N	107	H0 569
40 C 14	01/05-04/06	F1AE0481M	100	H1 815
40 C 14	09/04-04/06	F1CE0481A	100	H1 815
40 C 17, 40 S 17	01/05-04/06	F1CE0481B	122	H1 815
50 C 14	09/04-04/06	F1CE0481A	100	H1 815
50 C 17	09/04-04/06	F1CE0481B	122	H1 815
65 C 14	09/04-04/06	F1CE0481A	100	H1 815



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**IVECO**

Daily II	65 C 17	09/04-04/06	F1CE0481B	122	H1 815
Daily III	29 L10	05/06-	F1AE0481FA	70	H1 815
	29 L10V	05/06-	F1AE0481FA	70	H1 815
	29L12	05/06-	F1AE0481GA	85	H1 815
	29L12V, 29L12 V/P	05/06-	F1AE0481GA	85	H1 815
	29L14	05/06-	F1AE0481HA	100	H1 815
	29L14C, 29L14 C/P, 29L14 V, 29L14 V/P	05/06-	F1AE0481HA	100	H1 815
	35C10, 35S10	05/06-	F1AE0481FA	70	H1 815
	35C10 K	05/06-	F1AE0481FA	70	H1 815
	35C11, 35S11, 35S11 D, 35S11 /P	07/07-	F1AE0481FA	78	H1 815
	35C11 K, 35C11 DK, 35S11 K, 35S11 DK	07/07-	F1AE0481FA	78	H1 815
	35C11 V, 35S11 V	07/07-	F1AE0481FA	78	H1 815
	35C12	05/06-	F1AE0481GA	85	H1 815
	35C12, 35S12	05/06-	F1AE0481GA	85	H1 815
	35C12 V, 35C12 V/P, 35S12 V, 35S12 V/P	05/06-	F1AE0481GA	85	H1 815
	35C13, 35C13 /P, 35S13 D, 35S13, 35S13 /P	07/07-	F1AE0481GA	93	H1 815
	35C13 K, 35C13 DK, 35S13 K, 35S13 DK	07/07-	F1AE0481GA	93	H1 815
	35C13 V, 35C13 V/P, 35S13 V, 35S13 V/P	07/07-	F1AE0481GA	93	H1 815
	35C14, 35S14, 35S14 /P	05/06-	F1AE0481HA	100	H1 815
	35S14 C, 35S14 C/P, 35S14 V, 35S14 V/P, 35C14 V, 35C14 V/P	05/06-	F1AE0481HA	100	H1 815
	35S14 K, 35S14 DK	07/07-	F1AE0481HA	100	H1 815
	35C14 K, 35C14 DK, 35S14 K, 35S14 DK	07/07-	F1CE3481LC	103	H1 815
	35C14, 35C14 /P, 35S14, 35S14 /P, 35S14 D, 35S14 D/P	07/07-	F1CE3481LC	103	H1 815
	35C14 V, 35C14 V/P, 35S14 V, 35S14 V/P	07/07-	F1CE3481LC	103	H1 815
	35C15	05/06-	F1CE3481FA	107	H1 815
	35C15 V, 35C15 V/P	05/06-	F1CE3481FA	107	H1 815
	35C17 K, 35C17 DK, 35S17 K, 35S17 DK	07/07-	F1CE3481HA	125	H1 815
	35C17, 35C17 /P, 35S17, 35S17 /P, 35S17 D	07/07-	F1CE3481HA	125	H1 815
	35C17 V, 35C17 V/P, 35S17 V, 35S17 V/P	07/07-	F1CE3481HA	125	H1 815



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**IVECO**

Daily III

35S17 W, 35S17 WD	07/07-	F1CE3481HA	125	H1 815
35C18	05/06-	F1CE3481HA	130	H1 815
35C18, 35S18	05/06-	F1CE3481HA	130	H1 815
35C18 V, 35C18 V/P, 35S18 V, 35S18 V/P	05/06-	F1CE3481HA	130	H1 815
40C10	05/06-	F1AE0481FA	70	H1 815
40C10 V	05/06-	F1AE0481FA	70	H1 815
40C11, 40C11 D	07/07-	F1AE0481FA	78	H1 815
40C11 V	07/07-	F1AE0481FA	78	H1 815
40C12	05/06-	F1AE0481GA	85	H1 815
40C12 V, 40C14 V/P	05/06-	F1AE0481GA	85	H1 815
40C13, 40C13 /P	07/07-	F1AE0481GA	93	H1 815
40C13 V, 40C13 V/P	07/07-	F1AE0481GA	93	H1 815
40C14 K, 40C14 DK	07/07-	F1CE3481LC	103	H1 815
40C14, 40C14 /P	07/07-	F1CE3481LC	103	H1 815
40C14 V, 40C14 V/P	07/07-	F1CE3481LC	103	H1 815
40C15	05/06-	F1CE0481FA	107	H1 815
40C15 V, 40C15 V/P	05/06-	F1CE0481FA	107	H1 815
40C17 K, 40C17 DK	07/07-	F1CE0481HA	125	H1 815
40C17, 40C17 /P	07/07-	F1CE0481HA	125	H1 815
40C17 V, 40C17 V/P	07/07-	F1CE0481HA	125	H1 815
40C18	05/06-	F1CE0481HA	130	H1 815
40C18 V, 40C18 V/P	05/06-	F1CE0481HA	130	H1 815
45C14, 45C14 /P	07/07-	F1CE0481LC	103	H1 815
45C15	05/06-	F1CE0481FA	107	H1 815
45C15 V	05/06-	F1CE0481FA	107	H1 815
45C17, 45C17 /P	07/07-	F1CE0481HA	125	H1 815
45C17 V, 45C17 V/P	07/07-	F1CE0481HA	125	H1 815
45C18	05/06-	F1CE0481HA	130	H1 815
45C18, 45C18 /P, 45C18 D, 45C18 D/P	05/06-	F1CE0481HA	130	H1 815
50C14 K, 50C14 DK	07/07-	F1CE3481LC	103	H1 815
50C14, 50C14 /P	07/07-	F1CE3481LC	103	H1 815
50C14 V, 50C14 V/P	07/07-	F1CE3481LC	103	H1 815
50C15	05/06-	F1CE0481FA	107	H1 815
50C15 V, 50C15 V/P	05/06-	F1CE0481FA	107	H1 815
50C17 K, 50C17 DK	07/07-	F1CE0481HA	125	H1 815
50C17, 50C17 /P	07/07-	F1CE0481HA	125	H1 815
50C17 V, 50C17 V/P	07/07-	F1CE0481HA	125	H1 815
50C18	05/06-	F1CE0481HA	130	H1 815
50C18 V, 50C18 V/P	05/06-	F1CE0481HA	130	H1 815
55S17 W, 55S17 WD	07/07-	F1CE0481HA	125	H1 815
60C14, 60C14 /P	07/07-	F1CE0481LC	103	H1 815
60C14 K, 60C14 DK	07/07-	F1CE0481LC	103	H1 815
60C15	05/06-	F1CE0481FA	107	H1 815
60C15, 60C15 /P, 60C15 D, 60C15 D/P	05/06-	F1CE0481FA	107	H1 815



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**IVECO**

Daily III

60C15 V	05/06-	F1CE0481FA	107	H1 815
60C17, 60C17 /P	07/07-	F1CE0481HA	125	H1 815
60C17 K, 60C17 DK	07/07-	F1CE0481HA	125	H1 815
60C17 V, 60C17 V/P	07/07-	F1CE0481HA	125	H1 815
60C18	05/06-	F1CE0481HC	130	H1 815
65C14 K, 65C14 DK	07/07-	F1CE0481LC	103	H1 815
65C14, 65C14 /P	07/07-	F1CE0481LC	103	H1 815
65C14 V, 65C14 V/P	07/07-	F1CE0481LC	103	H1 815
65C15	05/06-	F1CE0481FA	107	H1 815
65C15, 65C15 /P, 65C15 D, 65C15 D/P	05/06-	F1CE0481FA	107	H1 815
65C17 K, 65C17 DK, 65C17KK	07/07-	F1CE0481HA	125	H1 815
65C17, 65C17 /P	07/07-	F1CE0481HA	125	H1 815
65C17 V, 65C17 V/P	07/07-	F1CE0481HA	125	H1 815
65C18	05/06-	F1CE0481HC	130	H1 815
70C14, 70C14 /P	07/07-	F1CE0481LC	103	H1 815
70C14 K, 70C14 DK, 70C14 KK	07/07-	F1CE0481LC	103	H1 815
70C14 V, 70C14 V/P	07/07-	F1CE0481LC	103	H1 815
70C17, 70C17 /P	07/07-	F1CE0481HA	125	H1 815
70C17 K, 70C17 DK, 70C17 KK	07/07-	F1CE0481HA	125	H1 815
70C17V, 70C17 V/P	07/07-	F1CE0481HA	125	H1 815

Daily V

29L11 V, 35C11 V, 35S11 V, 40C11 V	09/11-	F1AE3481A	78	H1 815
29L13 V, 35C13 V, 35S13 V, 40C13 V, 40S13 V	09/11-	F1AE3481B	93	H1 815
29L15 V, 35C15L V, 40C15L V, 50C15L V	09/11-	F1AE3481C	107	H1 815
35C15 V, 40C15 V	09/11-	F1CE3481J, F1CE3481L	107	H1 815
35C17 V, 35S17 V, 40C17 V, 45C17 V, 50C17 V, 60C17 V	09/11-	F1CE3481C, F1CE3481K	125	H1 815
35C21 V, 35S21 V, 40C21 V, 45C21 V, 50C21 V	09/11-	F1CE3481D	150	H1 815
35C11K, 35S11DKP	09/11-	F1AE3481A	78	H1 815
35C13K, 35C13DKP	09/11-	F1AE3481B	93	H1 815
35C15K, 35S15DKP, 50C15K, 60C15K, 65C15DK, 70C15K	09/11-	F1CE3481L	107	H1 815
35C17K, 35S17DKP, 50C17K, 65C17DK 70C17K	09/11-	F1CE3481C, F1CE3481K	125	H1 815
35S21DKP	09/11-	F1CE3481D	150	H1 815



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**IVECO**

Daily V	26L11, 26L11D, 35C11D, 35S11, 40C11	09/11-	F1AE3481A	78	H1 815
	29L13, 29L13D, 35C13D, 40C13	09/11-	F1AE3481B	93	H1 815
	29L15 V, 35C15L V, 40C15L V, 50C15L V	09/11-	F1AE3481C	107	H1 815
	35C15, 35C15D, 35S15, 40C15, 45C15, 50C15, 60C15, 70C15	09/11-	F1CE3481J, F1CE3481L	107	H1 815
	35C17, 35C17D, 35S17, 40C17, 45C17, 50C17, 60C17, 70C17	09/11-	F1CE3481C, F1CE3481K	125	H1 815
	35C21, 35S21, 40C21, 45C21, 50C21, 60C21, 70C21	09/11-	F1CE3481D	150	H1 815
Massif	3.0 HPI	10/08-	F1CE0481FA	107	H1 815
	3.0 HPT	10/08-	F1CE0481HA	130	H1 815
	3.0 HPI	10/08-	F1CE0481FA	107	H1 815

JAGUAR

F-pace	3.0 D	09/15	306DT	221	H5 150
S-Type	2.7 D	06/04-		152	H1 944
XF	2.2 D	04/11-	224DT	120	H1 369
	2.2 D	05/11-	224DT	140	H1 369
	2.2 D	03/12-	224DT	147	H1 369
XF (_J05_, CC9)	3.0 D	03/09-04/15	306DT, AJV6D	177	H5 150
	3.0 D	03/09-04/15	306DT, AJV6D	202	H5 150
	3.0 D	03/09-04/15	AJV6D	155	H5 150
XF (JB_, X260)	3.0 D	05/15	306DT	221	H5 150
XF Sportbrake	2.2 D	09/12-	224DT	120	H1 369
	2.2 D	09/12-	224DT	147	H1 369
	3.0 D	09/12-04/14	306DT, AJV6D	202	H5 150
	3.0 D	09/12-04/14	306DT, AJV6D	177	H5 150
XJ	2.7 D	10/05-		152	H1 944
	3.0 D	04/15	306DT	221	H5 150
	3.0 D	10/09	AJV6D	202	H5 150
X-Type	2.0 D	07/03-10/05		96	H1 705
	2.2 D	01/07-11/09	LJ46G	107	H1 193
	2.2 D	10/05-11/09	LJ46G	114	H1 193
X-Type Estate	2.2 D	01/07-12/09	LJ46G	107	H1 193
	2.2 D	10/05-12/09	LJ46G	114	H1 193

JEEP (USA)

Cherokee	2.0 TD	04/84-12/87	J8S-814	64	H0 615
	2.1 TD	01/88-	J8S	59	H1 826
	2.1 TD	06/89-03/92	J8S	59	H1 052
	2.1 TD	10/84-	J8S-890	64	H1 052



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**JEEP (USA)**

Cherokee	2.5 TD	01/88-04/95		85	H1 656
	2.5 TD	05/95-	VM HR 425	85	H1 810
	2.5 TD	10/95-	VM HR 425	89	H1 810
	2.5 CRD	09/01-		105	H1 207
	2.8 CRD	11/02-		110	H1 207
	2.8 CRD	11/04-		120	H1 207
	2.8 CRD 4x4	05/08-	ENS	130	H1 408
	2.8 L 4x4	09/08-12/10	ENS	129	H1 408
Commander	3.0 CRD	2006-		160	H1 739
	3.0 CRD 4x4	04/06-12/10	EXL	160	H1 122
Compass	2.0 CRD	08/06-	ECD, ECE	103	H1 993
	2.0 CRD 4x4	09/06-	ECE	103	H1 993
	2.2 L 4x4	04/11-	OM651	118	H1 122
	2.2 L	04/11-	OM651	99	H1 122
Grand Cherokee I	2.5 TD	10/95-04/99	M51, M52	85	H1 810
Grand Cherokee II	2.7 CRD	10/01-09/05	ENF	120	H1 739
	3.1 TD	04/99-		103	H1 810
Grand Cherokee III	3.0 CRD 4x4	06/05-12/10	EXL	160	H1 122
	3.0 CRD 4x4	05/06-12/10	EXL	155	H1 122
Liberty	2.8 CRD	11/02-11/04		110	H1 207
	2.5 CRD	09/01-		105	H1 166
Patriot	2.0 CRD	02/07-	ECD, ECE	103	H1 993
	2.0 CRD 4x4	02/07-	ECD, ECE	103	H1 993
	2.2 L 4x4	07/07-01/11	OM651	120	H1 122
Renegade	1.6 L	01/15-	EJK	88	H1 396
	1.6 L	01/15-		88	H1 396
	2.0 L	01/15-	EBT	103	H1 396
	2.0 L	01/15-	EBT	125	H1 396
Wrangler	2.8 L	05/07-01/11	ENS	129	H1 408
	2.8 L	02/11-	A 428	146	H1 408
	2.8 L	02/11-	RA 428	146	H1 408
	2.8 L	02/11-	D7AIZ	146	H1 408
	2.8 L	02/11-	D7ADG	146	H1 408
Wrangler III	2.8 CRD	04/07-	ENS	130	H1 408
	2.8 CRD	11/10-	ENS	147	H1 408

JIANGLING LANDWIND

Landwind	2.8 D	09/05-	JX493ZQ	68	H1 125
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KIA					
Besta	2.2 D	02/96-	R2	48	H1 789
	2.2	03/90-07/99	HW	52	H1 789
	2.7 D	03/90-07/99	VN	60	H1 789
Carens	1.7 L	04/13-11/16	D4FD	85	H1 442
	1.7 L	04/13-11/16	D4FD	99	H1 442
	1.7 L	04/13-11/16	D4FD EURO6	102	H1 442
	1.7 L	12/16-	D4FD	102	H1 442
	1.7 L	12/16-	D4FD	85	H1 442
Carens II	2.0 CRDi	07/02-	D4EA	83	H1 955



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**KIA**

Carens II	2.0 CRDi	11/05-	D4EA	103	H1 955
Carens III	1.6 CRDi	10/10-	D4FB	85	H1 208
	1.6 CRDi	10/10-	D4FB	94	H1 208
	2.0 CRDi	11/05-		103	H1 955
	2.0 CRDi 140	09/06-	D4EA	103	H1 955
Carnival	2.2 CRDi	01/10-	D4HB	110	H5 123
	2.2 CRDi	01/10-	D4HB	143	H5 123
	2.9 CRDi	06/06-	J3	136	H1 436
Cee'd	1.6 CRDi	11/10-	D4FB-L	66	H1 208
	1.6 CRDi	11/10-	D4FB	85	H1 208
	1.6 CRDi	11/10-	D4FB	94	H1 208
	2.0 CRDi	01/07-	D4EA-F	103	H1 090
	1.6 L Estate	09/15-	D4FB E6	100	H1 208
	1.6 L Hatchback	09/15-	D4FC E6	66	H1 208
	1.6 L Hatchback	09/15-	D4FB E6	100	H1 208
Cerato	1.5 CRDi	07/05-	D4FA	75	H1 955
	1.6 CRDi	06/05-06/08	D4FB	85	H1 208
	2.0 CRDi	04/04-	D4EA	83	H1 955
K2500 / Bongo	2.5 D	01/03-	D4BH	69	H1 211
	2.5 D	2005-	D4BH	69	H1 799
K2700 / Bongo	2.7 D	10/99-	J2	59	H1 789
Magentis	2.0 CRDi	04/06-	D4EA	103	H1 955
Optima	1.7 L	01/12-12/13	D4FD	99	H1 442
	1.7 L	01/14-12/15	D4FD	100	H1 442
Picanto	1.1 CRDi	10/07-	D3FA	55	H1 208
Pregio	2.5 Tci D	09/02-	D4BH	69	H1 211
	2.7 D	10/97-	J2	60	H1 789
	3.0 D	06/97-	W3, NB9	66	H1 789
Pro Cee'd	1.4 CRDi	03/13-	D4FC	66	H1 208
	1.6 CRDi	02/08-	D4FB-L	66	H1 208
	1.6 CRDi	03/13-	D4FB	81	H1 208
	1.6 CRDi	02/08-	D4FB	85	H1 208
	1.6 CRDi	10/10-	D4FB	94	H1 208
	1.6 CRDi	03/13-	D4FB	94	H1 208
	2.0 CRDi	02/08-	D4EA-F	103	H1 090
Retona	2.0 TD	06/99-	RF	61	H1 789
Rio	1.1 L	02/15-	D3FA	55	H1 208
Rio II	1.5 CRDi	03/05-	D4FA	81	H1 208
Rio III	1.1 CRDi	06/11-	D3FA	55	H1 208
	1.4 CRDi	06/11-	D4FC	66	H1 208
Sorento	2.0 CRDi	11/10-	D4HA	110	H1 453
	2.0 CRDi 4WD	11/10-	D4HA	110	H1 453
	2.2 CRDi	11/09-	D4HB	145	H1 453
	2.2 CRDi 4WD	11/09-	D4HB	145	H1 453
	2.5 CRDi	08/02-	D4CB	103	H1 105
	2.5 CRDi	05/06-	D4CB	120	H1 105
	2.5 CRDi	12/06-	D4CB	125	H1 105



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**KIA**

Sorento	2.2 L	02/10-11/12	D4HB	145	H1 453
	2.0 L	02/10-11/12	D4HA	110	H1 453
	2.2 L	11/12-	D4HB	143	H1 453
Soul	1.6 CRDi	02/09-	D4FB	85	H1 208
	1.6 CRDi	02/09-	D4FB	92	H1 208
	1.6 L	04/14-11/16	D4FB	94	H1 208
	1.6 L	04/14-11/16	D4FB E6	100	H1 208
	1.6 L	12/16-	D4FB	98	H1 208
Soul II	1.6 CRDi	02/14-	D4FB	94	H1 208
Sportage	2.0 TD	10/97-08/03	RF	61	H1 789
	2.0 CRDi 4WD	09/04-	D4EA	83	H1 955
	2.0 CRDi	02/05-	D4EA	83	H1 955
	2.0 CRDi	07/10-	D4HA	100	H5 123
	2.0 CRDi 4WD	07/10-	D4HA (for automatic transmission)	100	H1 453
	2.0 CRDi 4WD	07/10-	D4HA (for manual transmission)	100	H5 123
	2.0 CRDi 4WD	01/06-	D4EA	103	H1 955
	2.0 CRDi	01/06-	D4EA-V	103	H1 955
	2.0 L	07/10-12/13	D4HA	101	H5 123
	1.7 L	07/10-12/13	D4FD	85	H1 442
Venga	1.4 CRDi	02/10-	D4FC	55	H1 208
	1.4 CRDi	02/10-	D4FC	57	H1 208
	1.4 CRDi	02/10-	D4FC	66	H1 208
	1.6 CRDi	02/10-	D4FB	85	H1 208
	1.6 CRDi	02/10-	D4FB	94	H1 208

LADA (AVTOVAZ)

Aleko	1.8 D	01/87-	RTE, RTS	44	H1 665
Niva	1.9	01/93-	XUD9A	47	H1 002
	1.9	01/99-	XUD9SD	55	H1 086
Sagona	1.5 D	01/95-	TUD 5	40	H1 731
Samara	1.5 D	01/95-	TUD 5	40	H1 731

LANCIA

Dedra	1.9 TDS	04/89-09/94	835 A4.000, 160 D1.000, 835 A4.046	66	H1 002
	1.9 TDS	10/94-07/99	835 A4.000, 160 D1.000, 835 A4.046	66	H1 656
	1.9 Eco LE TD	06/93-	160 D1.000	68	H1 656
Delta I	1.9 Turbo DS	10/86-12/89	831 D1.000	59	H1 002
Delta II	1.9 TD	10/94-08/99	160 D1.000, 835 A4.00	66	H1 656
Delta III (844)	1.6 D Multijet	04/11-	944 A3.000	77	H1 396
	1.6 D Multijet	08/08-	955 A4.000	85	H1 396
	1.6 D Multijet	09/08-	198 A2.000	88	H1 396
	1.9 D Multijet	01/09-	844 A1.000	140	H1 396
	2.0 D Multijet	09/08-	844 A2.000	120	H1 396
	2.0 D Multijet	09/08-	198 A5.000, 198 A8.000	121	H1 396
Kappa / SW	2.4 T.DS	08/94-10/01	838 A3.000, 838 A7.000	91	H1 712
	2.4 JTD	06/98-10/01	838 A8.000	100	H1 802 H1 054
Lybra	1.9 JTD	07/99-09/00	AR 32302	77	H1 802 H1 054
	1.9 JTD	09/00-05/01	AR 37101	81	H1 802 H1 054
	1.9 JTD	05/01-10/05	937 A2.000	85	H1 802 H1 054



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**LANCIA**

Lybra	2.4 JTD	07/99-09/00	AR 32501, 839 A5.000	99	H1 802	H1 054
	2.4 JTD	09/99-05/02	839 A6.000	103	H1 802	
	2.4 JTD	05/02-10/05	841 C.000	110	H1 802	H1 054
Lybra SW	1.9 JTD	05/01-10/05	937 A2.000	85	H1 802	H1 054
	1.9 JTD	07/99-09/00	AR 32302	77	H1 802	H1 054
	1.9 JTD	09/00-05/01	AR 37101	81	H1 802	H1 054
	2.4 JTD	05/02-10/05	841 C.000	110	H1 802	H1 054
	2.4 JTD	10/99-09/00	AR 32501, 839 A5.000	99	H1 802	H1 054
	2.4 JTD	09/00-10/05	839 A6.000	103	H1 802	H1 054
Musa	1.3 Multijet	10/04-	188 A9.000	51	H1 859	
	1.3 D Multijet Euro 5	03/09-	199 B1.000	70	H5 025	
	1.3 D Multijet Euro 5	09/06-	199 A3.000	66	H5 025	
	1.3 D Multijet Euro 5	10/04-	188 A9.000	51	H5 025	
	1.6 D Multijet	07/08-	350 A2.000, 350 A3.000	85-88	H1 396	
	1.9 Multijet	10/04-	188 B2.000	74	H1 802	
Phedra	2.0 JTD	07/03-	RHM	79	H1 732	
	2.0 JTD	09/02-	RHW (DW10ATED4)	80	H1 732	
	2.0 JTD	06/06-	RHK	88	H1 992	
	2.0 D Multijet	07/06-	RHR	100	H1 992	
	2.2 JTD	09/02-	4HW (DW12ATED4)	94	H1 732	
Prisma	1.9 Turbo Diesel	05/85-12/89	831 D1.000	59	H1 002	
	1.9 Diesel	01/83-02/92	831 D.000	48	H1 002	
Thema	2500 Turbo D	11/84-09/88	8144.91	74	H1 826	
	2500 Turbo DS	05/88-07/92	8144.97 S	77	H1 656	
	2500 Turbo DS	06/88-05/92	8144.97	85	H1 086	
	2500 Turbo DS	05/92-07/94	8144.97 Y	85	H1 117	
	2500 Turbo DS	06/88-05/92	8144.97	85	H1 656	
Thesis	2.4 JTD	07/02-07/09	841 C.000	110	H1 802	
	2.4 JTD	05/03-07/09	841 G.000	129	H1 816	
Ypsilon	1.3 JTD	10/03-12/11	188 A9.000	51	H1 859	
	1.3 D Multijet Euro 5	09/06-12/11	199 A2.000	55	H5 025	
	1.3 D Multijet Euro 5	05/11-	199 B1.000	70	H5 025	
	1.3 Multijet	09/06-12/11	199 A2.000	55	H1 859	
	1.3 Multijet	09/06-12/11	199 A3.000	66	H1 859	
Zeta	2.0 JTD	09/99-09/02	RHZ, RHW	80	H1 732	
	2.1 TD	05/96-09/99	P 8 C	80	H1 656	

LAND ROVER

90/110	2.5 TD	09/86-07/90	19 J	63	H0 605	
Defender	2.5 90 TDI	09/90-	11L, 16L, 23 L	83	H1 795	
	2.5 Td5 4WD	06/98-12/98		90	H1 795	
	2.5 Td5 4WD	01/99-		90	H1 120	
	2.2 Td 4x4	08/11-		90	H5 015	
Defender Cabrio (LD_)	2.2 Td4 4x4	08/11-02/16	ZSD-422	90	H5 015	
Defender Pickup (LD_)	2.2 Td4 4x4	08/11-02/16	ZSD-422	90	H5 015	
Defender Platform/Chassis (LD_)	2.2 Td4 4x4	08/11-02/16	ZSD-422	90	H5 015	
Defender Station Wagon (LD_)	2.2 Td4 4x4	08/11-02/16	ZSD-422	90	H5 015	
Defender Station Wagon (LD_)	2.2 Td4 4x4	08/11-02/16		110	H5 015	



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**LAND ROVER**

Discovery I	2.5 TDI	09/89-06/94	12 L, 21 L	83	H1 795
Discovery II	2.5 TDI	08/96-	12 L, 21 L	83	H1 795
	2.5 TDI	10/95-	19 L	90	H1 795
	2.5 Td5	01/99-06/04	10P	102	H1 120
Discovery III	2.7 TD	07/04-	276DT	140	H1 944
Discovery IV	3.0 SDV6 4x4	11/09	30DDTX	188	H5 150
	3.0 TD 4x4	05/10	306DT, 30DDTX	155	H5 150
	3.0 TD 4x4	09/09	306DT	180	H5 150
	3.0 TD 4x4	07/12	306DT	183	H5 150
Discovery SPORT	2.2 D 4WD	12/14-	224DT	110	H1 369
	2.2 D 4WD	12/14-	224DT	140	H1 369
Evoque	2.2 ed4	06/11-	224DT	110	H1 369
	2.2 TD4 4x4	06/11-	224DT	110	H1 369
	2.2 SD4 4x4	06/11-	224DT	140	H1 369
Freelander	2.0 DI	02/98-	20TCIE	72	H1 824
	2.0 Td4	11/01-		80	H1 119
	2.0 Td4	11/00-	M47 D20 (BMW)	82	H1 119
	2.2 TD4	08/10-		110	H1 193
	2.2 TD4 4X4	10/06-		110	H1 193
Freelander 2	2.2 eD4	08/10-10/14	DW12BTED4, to ch. Number AH999999	110	H1 193
	2.2 eD4	08/10-10/14	224DT, from ch. Number BH000001	110	H1 369
	2.2 TD4 4x4	08/10-10/14	DW12BTED4, to ch. Number AH999999	110	H1 193
	2.2 TD4 4x4	08/10-10/14	224DT, from ch. Number BH000001	110	H1 369
	2.2 TD4 4x4	01/07-10/14	224DT, to ch. Number AH999999	112	H1 193
	2.2 TD4 4x4	01/07-10/14	224DT, from ch. Number BH000001	112	H1 369
	2.2 TD4 4X4	10/06-10/14	224DT, to ch. Number AH999999	118	H1 193
	2.2 TD4 4X4	10/06-10/14	224DT, from ch. Number BH000001	118	H1 369
	2.2 SD4 4x4	08/10-10/14	224DT, to ch. Number AH999999	140	H1 193
	2.2 SD4 4x4	08/10-10/14	224DT, from ch. Number BH000001	140	H1 369
Range Rover I	2.4 TD 4x4	04/86-12/90	11 A	78	H1 005
	2.4 TD 4x4	04/86-07/94	11 A	83	H1 005
Range Rover II	2.5 D	08/94-03/02	14 L	83	H1 792
	2.5 D	07/94-03/02	M51 D25 (BMW)	100	H1 792
Range Rover III	3.0 TD 6	03/02-	M57 D30 (BMW)	130	H1 119
	3.6 TD 8	04/06-	368DT	200	H1 944
	4.4 D 4x4	07/10-08/12	448DT	230	H5 150
Range Rover IV	3.0 D 4x4	10/13	306DT	155	H5 150
	3.0 D 4x4	08/12	306DT	190	H5 150
	3.0 D 4x4	08/12	306DT	183	H5 150
	3.0 D Hybrid 4x4	06/15	306DT	225	H5 150
	3.0 D Hybrid 4x4	06/15	306DT	215	H5 150
	3.0 D Hybrid 4x4	10/13	306DT	250	H5 150
	3.0 D V8 4x4	08/12	448DT	250	H5 150
Range Rover Sport	2.7 TDVM	02/05-	276DT	140	H1 944
Range Rover Sport (LS)	3.0 D 4x4	08/12-03/13	306DT	183	H5 150
	3.0 D 4x4	06/11-03/13	30DDTX	188	H5 150
	3.0 D 4x4	05/10-03/13	30DDTX	155	H5 150



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**RANGE ROVER**

Range Rover Sport (LS)	3.0 D 4x4	09/09-03/13	30DDTX	180	H5 150
Range Rover Sport (LW)	3.0 D 4x4	04/13	30DDTX	190	H5 150
	3.0 D 4x4	04/13	30DDTX	183	H5 150
	3.0 D 4x4	04/13	30DDTX	155	H5 150
	3.0 D 4x4	09/14	306DT	225	H5 150
	3.0 D 4x4	04/13	306DT	215	H5 150
	3.0 D Hybrid 4x4	06/15	306DT	225	H5 150
	3.0 D Hybrid 4x4	02/15	306DT	215	H5 150
	3.0 D Hybrid 4x4	10/13	306DT	250	H5 150

LDV

400 Bus	2.5 TD	11/95-		71	H1 004
Convoy	2.5 DI	10/98-04/09	EN 55	56	H1 004
	2.5 TDI	10/98-04/09	ET 70	74	H1 004
Sherpa	2.6 D	01/83-09-88	K25D	59	H1 004

LEXUS

IS II	200d	07/10-	2AD-FTV	110	H1 430
	220d	10/05-	2AD-FHV	130	H1 430

BRITISH LEYLAND

400-Serie LTD DI	2.5	01/87-	XD3, XD3T	71	H1 002
200-Serie Diesel		03/89-			H1 002
2000 Ltr. "O" Diesel					H1 605
Readline	220				H1 702
	240				H1 702
	340 FG				H1 702
	350 FG				H1 702
Sherpa Diesel	1.8	83-			H1 194
	2.0	86-89			H1 002
	2.5	86-			H1 605
Sherpa / EA Range	1.8				H1 702

MAHINDRA

Armada	2.5 D	10/97-09/01	XD3PBM	53	H1 656
Bolero Euro2	2.5 D		XD 3P Euro2	42	H1 656
CJ 3	2.1 D	10/88-09/92	XD3 290	46	H1 002
	2.3 D	10/88-09/92		28	H1 002
	2.5 D	10/88-09/92		29	H1 002
Voyager	2.5 D	04/98-	XD3PBM	53	H1 656

MAZDA

121 III	1.8 D	03/96-	RTJ, RTK	44	H1 096
2	1.4 CD	04/03-	F6JA	50	H1 737
	1.4 MZR-CD	01/08-		50	H1 737
	1.6 MZ-CD	10/08-		66	H1 737
	1.6 MZ-CD	06/11-		70	H1 368
3	1.6 DI Turbo	06/04-12/08	Y601	80	H1 737
	1.6 MZR-CD	11/10-	Y650, Y655	85	H1 368
	2.2 D	09/13	SHY1	110	H5 128
	2.2 D	09/13	SHY1	110	H5 128
	2.2 MZR CD	06/09-	R2AA	110	H1 407



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MAZDA

3	2.2 MZR CD	06/09-	R2AA	136	H1 407
	2.2 L Hatchback	06/09-12/11	R2AA	136	H1 407
	2.2 L Hatchback	06/09-12/11	R2AA	110	H1 407
	2.2 L Saloon	06/09-12/11	R2AA	136	H1 407
	2.2 L Hatchback	01/12-09/13	R2AA	136	H1 407
	2.2 L Hatchback	01/12-09/13	R2AA	110	H1 407
	2.2 L Hatchback	10/13-09/16	LFG, LFX, LFD	110	H5 128
	2.2 L Saloon	10/13-09/16	LFG, LFX, LFD	110	H5 128
323 C IV	1.7 D	08/89-07/94	PN54	41	H1 789
323 III	1.7 D	04/86-05/89	PN27	40	H1 789
	1.7 D	01/87-05/89	PN46	42	H1 789
323 III Station Wagon	1.7 D	11/86-08/87	PN26	40	H1 789
	1.7 D	10/89-03/93	PN26/PN54	41	H1 789
	1.7 D	11/86-10/89	PN26/PN54	42	H1 789
323 S IV	1.7 D	08/89-07/94	PN46/PN54/PN62	41	H1 789
323 SV	1.6 TD	05/94-09/98	4EE1-T	60	H1 789
323	2.0 D	09/98-05/04	RF1G	52	H1 215
	2.0 TD	09/98-05/04		66	H1 215
	2.0 TD	01/01-05/04	RF4F	74	H1 215
5	1.6 CD	09/10-	Y650, Y655	85	H1 368
	2.0 CD	03/05-	RF7J	81	H1 215
	2.0 CD	06/05-	RF7J	105	H1 215
6	2.0 DI	08/02-08/07	RF5C	100	H1 215
	2.0 DI	08/02-08/07	RF5C	89	H1 215
	2.0 DI	06/05-08/07	RF7J	105	H1 215
	2.2 D	01/13-	SHY1	110	H5 128
	2.2 D	12/12	SHY1	129	H5 128
	2.2 MZR-CD	01/09-	R2BF	92	H1 407
	2.2 D	01/10-	R2BF	95	H1 407
	2.2 MZR CD	01/09-	R2AA	120	H1 407
	2.2 D	01/10-	R2AA	132	H1 407
	2.2 MZR CD	01/09-	R2AA	136	H1 407
	2.2 L Estate	11/12-	LFG, LFX, LFD	110	H5 128
	2.2 L Saloon	11/12-	LFG, LFX, LFD	110	H5 128
	2.2 L Hatchback	01/08-02/10	MZR-CD	93	H1 407
	2.2 L Hatchback	03/10-12/12	R2BF	95	H1 407
	2.2 L Estate	01/08-02/10	R2AA	120	H1 407
	2.2 L Estate	03/10-12/12	R2AA	120	H1 407
	2.2 L Hatchback	01/08-02/10	R2AA	120	H1 407
	2.2 L Hatchback	03/10-12/12	R2AA	120	H1 407
	2.2 L Saloon	01/08-02/10	R2AA	120	H1 407
	2.2 L Estate	11/12-	SHY1	129	H5 128
	2.2 L Saloon	11/12-	SHY1	129	H5 128
	2.2 L Estate	03/10-12/12	R2AA	132	H1 407
	2.2 L Hatchback	03/10-12/12	R2AA	132	H1 407
	2.2 L Estate	01/08-02/10	R2AA	136	H1 407
	2.2 L Hatchback	01/08-02/10	R2AA	136	H1 407



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**MAZDA**

6 Station Wagon	2.0 DI	08/02-08/07	RF5C	89	H1 215
	2.0 DI	08/02-08/07	RF5C	100	H1 215
	2.0 DI	06/05-08/07	RF7J	105	H1 215
	2.2 D	12/12-	SHY1	110	H5 128
626 II	2.0 D	01/83-06/87		46	H1 789
	2.0 D	07/87-07/91	RF-N	44	H1 789
626 III Station Wagon	2.0 D	11/94-09/97		60	H1 789
	2.0 D Complex	05/93-11/96	RF-CX	55	H1 789
626 IV	2.0 D GLX Complex	10/92-04/97	RF OHC	55	H1 789
626 V	2.0 DITD	04/98-10/02	RF3F	66	H1 215
	2.0 Turbo DI	04/98-10/02	RF4F	74	H1 215
	2.0 TD	10/00-10/02	RF59	81	H1 215
626 V Station Wagon	2.0 Turbo DI	04/98-10/02	RF4F	74	H1 215
	2.0 DITD	09/99-10/02	RF3F	66	H1 215
	2.0 TD	10/00-10/02		81	H1 215
B-SERIE	2.5 D 4WD	09/98-06/99	WL31	57	H1 789
	2.5 D 4WD	02/96-06/99		63	H1 789
	2.5 D	06/99-	MD25NA	57	H1 789
	2.5 D 4WD	06/99-	MD25NA	57	H1 789
	2.5 TD 4WD	06/99-	MD25TI	80	H1 789
CX-5	2.2 D	04/12-	SHY1	110	H5 128
	2.2 D AWD	04/12-	SHY1	110	H5 128
	2.2 D AWD	04/12-	SHY1	129	H5 128
	2.2 L Hatchback	03/12-	LFG, LFX, LFD	110	H5 128
	2.2 L Hatchback 4x4	03/12-	LFG, LFX, LFD	110	H5 128
	2.2 L Hatchback	03/12-	SHY1	129	H5 128
CX-7	2.2 MRZ-CD	09/09-	R2AA	127	H1 407
	2.2 L 4x4	11/09-	R2AA	127	H1 407
E 2000, 2200	2.2 D	01/84-02/88	R203, R207	46	H1 532
	2.2 D	03/91-	R203, R207	47	H1 532
E-SERIE	E2200 D	02/97-08/02	R2	52	H1 789
	E2200 D 4WD	02/97-05/03	R2	52	H1 789
MPV I	2.0	97-06/02	WLT	100	H1 789
	2.5 TD	05/96-09/99		85	H1 789
MPV II	2.0 DI	07/02-02/06	RF5C	100	H1 215
PREMACY	2.0 TD	10/99-07/00	RF3F	66	H1 215
	2.0 TD	07/00-	RF4F	74	H1 215

MERCEDES-BENZ

100 Box (631)	D	02/88-01/89	OM 616.963	53	H1 004
	D	02/89-05/92	OM 616.963	53	H1 078
	D	12/90-02/96	OM 616.963	55	H1 078
100 Bus (631)	D 2.4	12/90-12/94	OM 616	41	H1 078
	D 2.4	02/88-01/89	OM 616.963	53	H1 004
	D 2.4	02/89-05/92	OM 616.963	53	H1 078
	D 2.4	12/90-02/96	OM 616.963	55	H1 078
	D	02/88-01/89	OM 616.963	53	H1 004
100 Flatbed / Chassis (631)	D	02/88-01/89	OM 616.963	53	H1 004
	D	02/89-05/92	OM 616.963	53	H1 078



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**MERCEDES-BENZ**

100 Flatbed / Chassis (631)	D	12/90-02/96	OM 616.963	55	H1 078
190 (W201)	D 2.0	08/83-01/89	OM 601.911	53	H1 004
	D 2.0	02/89-08/89	OM 601.911	53	H1 078
	D 2.0	08/89-08/93	OM 601.911	55	H1 078
	D 2.5	02/89-05/93	OM 602.911	66	H1 078
	D 2.5	08/89-08/93	OM 602.911	69	H1 078
	D 2.5	02/88-01/89	OM 602.911	90	H1 004
	D 2.5	02/89-08/93	OM 602.911	90	H1 078
	Turbo-D 2.5	02/89-05/93	OM 602.961	90	H1 078
	D 2.5	02/89-05/93	OM 602.961	90	H1 657
	D 2.5	02/88-01/89	OM 602.911	93	H1 004
	Turbo-D 2.5	02/89-08/93	OM 602.961	93	H1 078
	Turbo-D 2.5	02/88-01/89	OM 602.961	122	H1 004
	Turbo-D 2.5	02/89-08/93	OM 602.961	122	H1 078
	Turbo-D 2.5	02/88-01/89	OM 602.961	126	H1 004
A-CLASS (W168)	Turbo-D 2.5	02/89-08/93	OM 602.961	126	H1 078
	A 160 CDI	07/98-02/01	OM 668.941	44	H1 143
	A 160 CDI	02/01-08/04	OM 668.940	55	H1 143
	A 170 CDI	07/98-02/01	OM 668.940	66	H1 143
A-CLASS (W169)	A 170 CDI	02/01-08/04	OM 668.942	70	H1 143
	A 160 CDI	09/04-06/12	OM 640.942	60	H1 122
	A 180 CDI	09/04-06/12	OM 640.940	80	H5 124
	A 200 CDI	09/04-06/12	OM 640.941	103	H1 122
	A 200 CDI	09/04-06/12	OM 640.941	100	H1 122
A-CLASS (W176)	A 160 CDI (1.5L)	06/13-	OM 607.951	66	H1 392
	A 180 CDI	06/12	OM 651.901	80	H5 124
	A 180 CDI (1.5L)	10/12-	OM 607.951	80	H1 392
	A 200 CDI	06/12	OM 651.901	100	H5 124
	A 220 CDI	09/12	OM 651.930	125	H5 124
B-CLASS (W245)	B 180 CDI	03/05-11/11	OM 640.940	80	H5 124
	B 200 CDI	03/05-11/07	OM 640.941 to MY: 11/2007	103	H5 124
	B 200 CDI	03/05-11/07	OM 640.941 to MY: 11/2007	100	H1 122
B-CLASS (W246)	B 160 CDI (1.5L)	05/13-	OM 607.951	66	H1 392
	B 180 CDI	11/11	OM 651.901	80	H5 124
	B 180 CDI (1.5L)	02/13-	OM 607.951	80	H1 392
	B 200 CDI	11/11	OM 651.901	100	H5 124
	B 220 CDI	11/11	OM 651.930	125	H5 124
C-CLASS (W202)	C 200 D	03/93-05/00	OM 601.913	55	H1 078
	C 200 D	10/96-05/00	OM 604.915	65	H1 087
	C 200 CDI	03/98-05/00	OM 611.960	75	H1 739
	C 220 CDI	09/97-05/00	OM 611.960	92	H1 739
	C 220 D	07/96-05/00	OM 604.910	55	H1 088
	C 220 D	08/93-01/95	OM 604.910	70	H1 088
	C 220 D	02/95-05/00	OM 604.910	70	H1 087
	C 250 D	05/93-05/00	OM 605.910	83	H1 088
	C 250 Turbo-D	10/95-05/00	OM 605.960	110	H1 087
C-CLASS Coupe (C204)	C 220 CDI	06/11	OM 651.911	125	H5 124



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**MERCEDES-BENZ**

C-CLASS Coupe (C204)	C 250 CDI	06/11	OM 651.911	150	H5 124
C-CLASS Estate (S202)	C 200 T D	10/96-03/01	OM 604.915	65	H1 087
	C 200 T CDI	03/98-03/01	OM 611.960	75	H1 739
	C 220 T CDI	09/97-03/01	OM 611.960	92	H1 739
	C 220 T D	06/96-03/01	OM 604.910	55	H1 087
	C 220 T D	06/96-98/98	OM 604.910	70	H1 087
	C 250 T Turbo-D	06/96-03/01	OM 605.960	110	H1 087
	C 250 T Turbo-D	06/96-03/01	OM 605.960	110	H1 087
C-CLASS (W203)	C 200 CDI	02/01-	OM 646.962	75	H1 739
	C 200 CDI	09/00-	OM 611.962	85	H1 739
	C 200 CDI	04/03-	OM 646.962	90	H1 739
	C 220 CDI	05/00-	OM 611.962	105	H1 739
	C 220 CDI	02/04-	OM 646.963	110	H1 739
	C 270 CDI	12/00-	OM 612.962	125	H1 739
	C 30 CDI AMG	01/03-02/07	OM 612.990	170	H1 139
	C 320 CDI	01/05-02/07	OM 642.910	165	H1 122
C-CLASS Estate (S203)	C 200 CDI	03/01-	OM 646.962	75	H1 739
	C 200 CDI	03/01-	OM 611.962	85	H1 739
	C 200 CDI	04/03-	OM 646.962	90	H1 739
	C 220 CDI	03/01-	OM 611.962	105	H1 739
	C 220 CDI	02/04-	OM 646.963	110	H1 739
	C 270 CDI	03/01-	OM 612.962	125	H1 739
	C 320 CDI	01/05-02/07	OM 642.910	165	H1 122
	C 30 CDI AMG	01/03-08/07	OM 612.990	170	H1 139
C-CLASS Sportcoupe (CL203)	C 200 CDI	07/03-	OM 646.962	90	H1 739
	C 220 CDI	03/01-	OM 611.962	105	H1 739
	C 220 CDI	02/04-	OM 646.963	110	H1 739
	C 30 CDI AMG	09/02-05/08	OM 612.990	170	H1 139
C-CLASS (W204)	C 180 CDI	01/11-01/14	OM 651.913	88	H5 124
	C 200 CDI	01/11-01/14	OM 651.913	100	H5 124
	C 200 CDI	01/07-12/10	OM 646.811	100	H5 209
	C 220 CDI	01/07-11/08	OM 646.811	125	H5 209
	C 220 CDI	10/08-01/14	OM 651.911	120	H5 124
	C 220 CDI	12/08-01/14	OM 651.911	125	H5 124
	C 220 CDI 4-matic	02/13-01/14		125	H5 124
	C 250 CDI	08/08-01/14	OM 651.911	150	H5 124
	C 250 CDI 4-matic	01/11-01/14		150	H5 124
	C 300 CDI 4-matic	01/11-01/14	OM 642.832	170	H5 124
	C 320 CDI	01/07-	OM 642.960	165	H1 122
	C 320 CDI 4-matic	07/07-	OM 642.961	165	H1 122
	C 350 CDI	07/09-	OM 642.960	165	H1 122
	C 350 CDI	10/09-01/14	OM 642.830	170	H5 124
	C 350 CDI 4-matic	07/09-	OM 642.961	165	H1 122
	C 350 CDI 4-matic	10/09-01/14	OM 642.832	170	H5 124
C-CLASS (W205)	C 220 BlueTEC /d	12/13	OM 651.921	125	H5 124
	C 250 BlueTEC / d	02/14	OM 651.921	150	H5 124
	C 250 BlueTEC / d 4-matic	02/14	OM 651.921	150	H5 124



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C-CLASS T-Model	C 320 CDI	08/07-	OM 642.960	165	H1 122
	C 320 CDI 4-matic	08/07-	OM 642.961	165	H1 122
C-CLASS T-Model (S204)	C 180 CDI	01/11-08/14	OM 651.913	88	H5 124
	C 200 CDI	08/07-12/11	OM 646.811	100	H5 209
	C 200 CDI	08/10-08/14	OM 651.913	100	H5 124
	C 220 CDI	08/07-11/08	OM 646.811	125	H5 209
	C 220 CDI	12/08-08/14	OM 651.911	120	H5 124
	C 220 CDI	12/08-08/14	OM 651.911	125	H5 124
	C 220 CDI 4-matic	02/13-08/14	OM 651.912	125	H5 124
	C 250 CDI	01/09-08/14	OM 651.911	150	H5 124
	C 250 CDI 4-matic	04/10-08/14	OM 651.912	150	H5 124
	C 350 CDI	10/09-08/14	OM 642.830	170	H5 124
	C 350 CDI 4-matic	10/09-08/14	OM 642.832	170	H5 124
C-CLASS T-Model (S205)	C 220 BlueTEC / d	09/14-	OM 651.921	125	H5 124
	C 250 BlueTEC / d	09/14-	OM 651.921	150	H5 124
	C 250 BlueTEC / d 4-matic	10/14-	OM 651.921	150	H5 124
CITAN (415)	108 CDI (1.5L)	11/12-	OM 607.951	55	H1 392
	109 CDI (1.5L)	11/12-	OM 607.951	66	H1 392
	111 CDI (1.5L)	06/13-	OM 607.951	81	H1 392
CLC-KLASSE (CL203)	CLC 200 CDI	05/08-	OM 646.962	90	H1 739
	CLC 220 CDI	05/08-	OM 646.963	110	H1 739
CLA Coupe (C117)	CLA 180 CDI (1.5L)	10/13-	OM 607.951	80	H1 392
	CLA 200 CDI	06/13-	OM 651.901	100	H5 124
	CLA 220 CDI	01/13-	OM 651.930	125	H5 124
CLK (C209)	220 CDI	01/05-05/09	OM 646.966	110	H1 739
	270 CDI	10/02-	OM 612.962/967	125	H1 739
	320 CDI	01/05-05/09	OM 642.910	165	H1 122
CLK Cabriolet (A209)	320 CDI	03/05-03/10	OM 642.910	165	H1 122
CLS (C218)	CLS 250 CDI BlueTEC / d	04/11		150	H5 124
CLS (C219)	320 CDI	01/05-12/10	OM 642.920	155	H1 122
	320 CDI	01/05-12/10	OM 642.910/OM 642.920	165	H1 122
	350 CDI	04/09-12/10	OM 642.920	165	H1 122
CLS (C219)	320 CDI	01/05-	OM 642.910	165	H1 122
CLS Shooting Brake (X218)	CLS 250 CDI BlueTEC / d	10/12	OM 651.924	150	H5 124
Coupe (C123)	300 C Turbo-D	09/81-07/85	OM 617.952	92	H1 004
E-CLASS Convertible	E 220 CDI/BlueTEC/d	01/10-		125	H5 124
	E 250 CDI/BlueTEC/d	01/10-		150	H5 124
	E 350 CDI	01/10-		170	H5 124
E-CLASS Coupe (C207)	E 220 CDI	07/14-	OM 651.911	120	H5 124
	E 220 CDI / d	01/10-	OM 651.911	125	H5 124
	E 250 CDI / d	01/09-	OM 651.911	150	H5 124
	E 350 CDI	01/09-	OM 642.836	170	H5 124
E-CLASS (W124)	E 200 D	06/93-06/95	OM 601.912	55	H1 078
	E 200 D	07/93-06/95	OM 605.911	83	H1 088
	E 200 Turbo-D	07/93-06/95	OM 602.962	93	H1 078
	E 300 D	07/93-06/95	OM 606.910	100	H1 088



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E-CLASS (W124)	E 300 Turbo-D	06/93-06/95	OM 603.960	108	H1 078
	E 300 Turbo-D 4-matic	06/93-06/95	OM 603.963	108	H1 078
E-CLASS Estate (S124)	E 250 T D	06/93-06/96	OM 605.911	83	H1 088
	E 250 Turbo D	06/93-06/96	OM 602.962	93	H1 078
	E 300 T D	06/93-05/95	OM 606.910	100	H1 088
	E 300 T D	06/95-06/96	OM 606.910	100	H1 087
	E 300 T Turbo-D	06/93-06/96	OM 603.960	108	H1 078
	E 300 T Turbo-D 4-matic	06/93-06/96	OM 603.963	108	H1 078
	E 200 D	01/96-03/02	OM 604.917	65	H1 087
E-CLASS (W210)	E 200 CDI	06/98-03/02	OM 611.961	75	H1 739
	E 200 CDI	07/99-03/02	OM 611.961	85	H1 739
	E 220 CDI	06/98-07/99	OM 611.961	92	H1 739
	E 220 CDI	07/99-03/02	OM 611.961	105	H1 739
	E 220 D	05/96-03/02	OM 604.912	55	H1 087
	E 220 D	06/95-07/99	OM 604.912	70	H1 087
	E 250 D	06/95-07/99	OM 605.912	83	H1 087
	E 250 Turbo-D	06/97-07/99	OM 605.962	110	H1 087
	E 270 CDI	07/99-03/02	OM 612.961	125	H1 739
	E 290 Turbo-D	03/96-07/99	OM 602.982	95	H1 738
	E 300 D	06/95-06/97	OM 606.912	100	H1 087
	E 300 Turbo-D	12/96-07/99	OM 606.962	130	H1 087
	E 320 CDI	07/99-03/02	OM 613.961	145	H1 739
	E 220 T CDI	06/98-07/99	OM 611.961	92	H1 739
	E 220 T CDI	07/99-03/03	OM 611.961	105	H1 739
	E 250 T D	06/96-07/99	OM 605.912	83	H1 087
	E 250 T Turbo-D	06/97-07/99	OM 605.962	110	H1 087
	E 270 T CDI	07/99-03/03	OM 612.961	125	H1 739
	E 290 T Turbo-D	06/96-07/99	OM 602.982	95	H1 738
	E 300 T Turbo-D	12/96-07/99	OM 606.962	130	H1 087
	E 320 T CDI	07/99-03/03	OM 613.961	145	H1 739
E-CLASS Estate (S210)	E 200 CDI	04/06-12/08	OM 646.820	100	H5 209
	E 200 CDI	07/02-	OM 646.951	75	H1 739
	E 200 CDI	07/02-	OM 646.951	90	H1 739
	E 220 CDI	03/02-	OM 646.961	110	H1 739
	E 220 CDI	04/06-12/08	OM 646.821	125	H5 209
	E 270 CDI	03/02-	OM 647.961	130	H1 739
	E 280 CDI	05/04-	OM 648.961	130	H1 739
	E 280 CDI	03/05-12/08	OM 642.920	140	H1 122
	E 280 CDI 4-matic	03/05-12/08	OM 642.921	140	H1 122
	E 300 BlueTEC	09/07-12/08	OM 642.920	155	H5 124
	E 320 CDI	11/02-	OM 648.961	150	H1 739
	E 320 CDI	03/05-12/08	OM 642.920	165	H1 122
	E 320 CDI 4-matic	03/05-12/08	OM 642.920	165	H1 122
	E 400 CDI	02/03-	OM 628.961	191	H1 739
	E 420 CDI	01/06-12/08	OM 629.910	231	H1 122
	E 220 T CDI	03/03-	OM 646.961	110	H1 739
	E 270 T CDI	03/03-	OM 647.961	130	H1 739
E-CLASS (W211)	E 200 CDI	04/06-12/08	OM 646.820	100	H5 209
	E 200 CDI	07/02-	OM 646.951	75	H1 739
E-CLASS Estate (S211)	E 220 T CDI	03/03-	OM 646.961	110	H1 739
	E 270 T CDI	03/03-	OM 647.961	130	H1 739



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E-CLASS Estate (S211)	E 280 T CDI	05/04-	OM 648.961	130	H1 739
	E 280 T CDI	03/05-07/09	OM 642.920	140	H1 122
	E 280 T CDI 4-matic	03/05-07/09	OM 642.921	140	H1 122
	E 320 T CDI	03/03-	OM 648.961	150	H1 739
	E 320 T CDI	03/05-07/09	OM 642.920	165	H1 122
	E 320 T CDI 4-matic	03/05-07/09	OM 642.920	165	H1 122
E-CLASS (W212)	E 200 CDI / BlueTEC	01/09-	OM 651.925	100	H5 124
	E 220 CDI / BlueTEC	01/09-	OM 651.924	125	H5 124
	E 250 CDI / BlueTEC	01/09-	OM 651.924	150	H5 124
	E 250 CDI / BlueTEC	01/09-	OM 651.924	150	H5 124
	4-matic				
	E 300 CDI	12/09-12/10	OM 642.850	150	H5 124
	E 300 CDI / BlueTEC	03/11-	OM 642.850/852	170	H5 124
	E 300 Hybrid/BlueTEC	12/11-		150	H5 124
	Hybrid				
	E 350 BlueTEC	01/09-	OM 642.850	155	H5 124
	E 350 CDI	01/09-	OM 642.850	170	H5 124
E-CLASS T-Model (S211)	E 200 CDI	04/06-07/09	OM 646.821	100	H5 209
	E 220 T CDI	04/06-07/09	OM 646.821	125	H5 209
E-CLASS T-Model (S212)	E 200 CDI / BlueTEC	11/09-	OM 651.925	100	H5 124
	E 220 CDI / BlueTEC	11/09-	OM 651.924	125	H5 124
	E 250 CDI / BlueTEC	11/09-	OM 651.924	150	H5 124
	E 250 CDI / BlueTEC	07/10-	OM 651.924	150	H5 124
	4-matic				
	E 300 CDI	12/09-12/10	OM 642.850	150	H5 124
	E 300 Hybrid/BlueTEC	12/11-		150	H5 124
	Hybrid				
	E 350 BlueTEC	11/09-	OM 642.850	155	H5 124
	E 350 CDI	11/09-	OM 642.850	170	H5 124
G-CLASS (W460)	240 GD	08/80-08/87	OM 616.936	53	H1 004
	240 GD	03/79-08/87	OM 616.936	53	H0 103
	250 GD	10/87-01/89	OM 602.930	62	H1 004
	250 GD	02/89-12/92	OM 602.930	62	H1 078
	250 GD	12/88-01/89	OM 602.930	68	H1 004
	250 GD	02/89-08/92	OM 602.930	68	H1 078
	300 GD	08/80-01/89	OM 617.931	65	H1 004
	300 GD	02/89-12/91	OM 617.931	65	H1 078
	300 GD	03/79-07/93	OM 603.912	83	H1 078
	300 GD	12/79-12/91	OM 617.931	65	H0 103
G-CLASS (W461)	250 GD	02/90-	OM 602.939	68	H1 078
	290 GD	04/92-	OM 602.942	70	H1 078
	G 290 D	04/92-	OM 602.942	70	H1 078
	G 290 TD	07/97-	OM 602.983	88	H1 738
	G 290 TD	07/97-	OM 602.983 for OE n. A 001 159 14 01	88	H5 110
G-CLASS (W463)	250 GD	06/90-	OM 602.931	69	H1 078



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G-CLASS (W463)	G 270 CDI	10/01-	OM 612.966	115	H1 739
	300 GD	09/89-	OM 603.931	83	H1 078
	G 300 TD	08/96-	OM 606.964	130	H1 087
	G 320 CDI	09/06	OM 642.970	165	H5 124
	350 G Turbo D	09/91-	OM 603.972	100	H1 078
	G 400 CDI	12/00-	OM 628.962	184	H1 739
G-CLASS Cabrio (W463)	G 320 CDI	09/06-	OM 642.970	165	H5 124
G-CLASS Open Off-Road Vehicle (W463)	300 GD	12/90-09/97	OM 603.931	83	H1 078
	G 300 TD	09/96-	OM 606.964	130	H1 087
	350 G Turbo D	09/91-09/97	OM 603.972	100	H1 078
	G 400 CDI	12/00-	OM 628.962	184	H1 739
GL-CLASS (X164)	GL 320 CDI 4-matic	09/06-05/09	OM 642.940	165	H1 122
	GL 320 CDI/350 BlueTEC 4-matic	12/09-	OM 642.820	155	H5 124
	GL 420 CDI 4-matic	09/06-05/09	OM 629.912	225	H1 122
	GL 350 CDI	05/09-	OM 642.940	165	H1 122
	GL 450 CDI	05/09-	OM 629.912	225	H1 122
	GLA 180 CDI (1.5L)	07/14-	OM 607.951	80	H1 392
GLK-KLASSE (X204)	200 CDI	07/10-	OM 651.913/916	105	H5 124
	220 CDI	12/08-	OM 651.916	125	H5 124
	220 CDI 4-matic	12/08-	OM 651.912	125	H5 124
	250 CDI 4-matic	09/09-	OM 651.912	150	H5 124
	320 CDI 4-matic	06/08-	OM 642.961	165	H1 122
	350 CDI 4-matic	07/09-01/10	OM 642.832	165	H5 124
Kombi Estate (S123)	240 T D	08/80-12/85	OM 616.912	53	H1 004
	240 T D	09/77-02/79	OM 616.912	48	H0 103
	240 T D	03/79-12/85	OM 616.912	53	H0 103
	300 T D	08/80-10/85	OM 617.912	59	H1 004
	300 T D	09/77-10/85	OM 617.912	59	H0 103
	300 T D	08/80-11/85	OM 617.912	65	H1 004
	300 T D	03/79-11/85	OM 617.912	65	H0 103
	300 T Turbo-D	10/80-11/85	OM 617.952	92	H1 004
Kombi Estate (S124)	200 T D	09/85-01/89	OM 601.912	53	H1 004
	200 T D	02/89-08/91	OM 601.912	53	H1 078
	200 T D	09/88-01/89	OM 601.912	55	H1 004
	200 T D	02/89-08/91	OM 601.912	55	H1 078
	250 T D	09/85-01/89	OM 602.912	66	H1 004
	250 T D	02/89-06/93	OM 602.912	66	H1 078
	250 T D	01/89-06/93	OM 602.912	69	H1 078
	250 T D Turbo	06/92-05/93	OM 605.911	83	H1 078
	300 T D	09/86-01/89	OM 603.912	80	H1 004
	300 T D	02/89-06/93	OM 603.912	80	H1 078
	300 T D	01/89-06/93	OM 603.912	81	H1 078
	300 T D	01/89-06/93	OM 603.912	83	H1 078
	300 TD T	06/92-05/93		100	H1 078
	300 T Turbo-D	09/86-01/89	OM 603.963	105	H1 004



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Kombi Estate (S124)	300 T Turbo-D 4 matic	09/86-01/89	OM 603.963	105	H1 004
	300 T Turbo-D	01/89-06/93	OM 603.960	108	H1 078
	300 T Turbo-D 4 matic	01/89-06/93	OM 603.960	108	H1 078
M-CLASS (W163)	ML 270 CDI	12/99-06/05	OM 612.963	120	H1 739
	ML 400 CDI	09/01-06/05	OM 628.963	184	H1 739
M-CLASS (W164)	ML 280 CDI 4-matic	07/05-07/09	OM 642.940	140	H1 122
	ML 300 CDI 4-matic	02/10	OM 642.820	150	H5 124
	ML 320 CDI 4-matic	07/05-07/09	OM 642.940	165	H1 122
	ML 420 CDI 4-matic	02/06-09/09	OM 629.912	225	H1 122
	ML 300 CDI 4-matic	07/09-	OM 642.940	140	H1 122
	ML 350 CDI 4-matic	07/09-	OM 642.940	165	H1 122
	ML 350 CDI 4-matic	09/09	OM 642.820	155	H5 124
	ML 350 CDI 4-matic	02/10-	OM 642.820	170	H5 124
	ML 450 CDI 4-matic	09/09-	OM 629.912	225	H1 122
	ML 250 CDI	06/11	OM 651.960	150	H5 124
	BlueTEC 4-matic				
R-CLASS (W251, V251)	R 280 CDI	05/06-	OM 642.950	140	H1 122
	R 320 CDI	01/06-	OM 642.950	165	H1 122
	R 280 CDI 4-matic	05/06-	OM 642.950	140	H1 122
	R 300 CDI	07/09-	OM 642.950	140	H1 122
	R 300 CDI 4-matic	07/09-	OM 642.950	140	H1 122
	R 350 CDI 4-matic	01/06	OM 642.870/ OM 642.950	155	H5 124
	R 350 CDI 4-matic	07/09	OM 642.950	165	H5 124
S-CLASS (W140)	S 300 Turbo-D	05/96-10/98	OM 606.961	130	H1 087
	S 350 Turbo-D	01/93-10/98	OM 603.971	110	H1 078
S-CLASS (W220)	S 320 CDI	08/99-09/02	OM 613.960	145	H1 739
	S 320 CDI	09/02-08/05	OM 648.960	150	H1 739
	S 320 CDI	12/05-	OM 642.930	173	H1 122
	S 400 CDI	06/00-08/05	OM 628.960	184	H1 739
	S 400 CDI	06/03-08/05	OM 628.960	191	H1 739
S-CLASS (W221)	S 250 CDI	01/11-12/13	OM 651.961	150	H5 124
	S 320 CDI	12/05-06/09	OM 642.930	173	H1 122
	S 420 CDI	10/06-	OM 629.911	235	H1 122
	S 320 CDI 4-matic	10/06-	OM 642.932	173	H1 122
	S 350 CDI 4-matic	01/09-12/10	OM 642.932	155	H1 122
S-CLASS (W222, V222, X222)	S 300 BlueTEC Hybrid / h	02/14-		150	H5 124
	S 300 BlueTEC Hybrid / h	02/14-		170	H5 124
SLK (R172)	250 CDI / d	01/12-	OM 651.980	150	H5 124
Saloon (W123)	200 D	08/80-11/85	OM 615.940	44	H1 004
	240 D	08/80-11/85	OM 616.912	53	H1 004
	300 D	08/80-11/85	OM 617.912	65	H1 004
Saloon (W124)	200 D	12/84-01/89	OM 601.912	53	H1 004
	200 D	02/89-08/89	OM 601.912	53	H1 078
	200 D	08/89-06/93	OM 601.912	55	H1 078
	250 D	04/85-01/89	OM 602.912	66	H1 004
	250 D	02/89-06/93	OM 602.912	66	H1 078
	250 D	01/89-01/89	OM 602.912	69	H1 004



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Saloon (W124)	250 D	02/89-06/93	OM 602.912	69	H1 078
	250 Turbo-D	09/88-01/89	OM 602.962	93	H1 004
	250 Turbo-D	02/89-06/93	OM 602.962	93	H1 078
	300 D	12/84-01/89	OM 603.912	80	H1 004
	300 D	02/89-08/89	OM 603.912	80	H1 078
	300 D 4-matic	09/86-01/89	OM 603.913	80	H1 004
	300 D 4-matic	02/89-08/92	OM 603.913	80	H1 078
	300 D	06/90-06/93	OM 603.912	81	H1 078
	300 D 4-matic	08/89-06/93	OM 603.913	83	H1 078
	300 D	08/89-06/93	OM 603.912	83	H1 078
	300 Turbo-D	09/86-09/88	OM 603.960/963	105	H1 004
	300 Turbo-D 4-matic	09/86-09/88	OM 603.960/963	105	H1 004
	300 Turbo-D	09/88-01/89	OM 603.960	108	H1 004
	300 Turbo-D	02/89-06/93	OM 603.960	108	H1 078
	300 Turbo-D 4-matic	01/88-01/89	OM 603.963	108	H1 004
	300 Turbo-D 4-matic	02/89-06/93	OM 603.963	108	H1 078
	300 TD SD	06/91-05/93		110	H1 078
Sprinter 2-t (901, 902)	208 CDI	04/00-05/06	OM 611.987	60	H1 739
	211 CDI	04/00-05/06	OM 611.981	80	H1 739
	213 CDI	04/00-05/06	OM 611.981	95	H1 739
	208 D	02/95-04/00	OM 611.943	58	H1 078
	208 D	10/96-04/00	OM 611A	60	H1 078
	216 CDI	04/00-05/06	OM 612.981	115	H1 739
	210 D	01/97-04/00	OM 602.980	75	H1 738
	212 D	02/95-04/00	OM 602.980 → Engine No.136	90	H1 656
	212 D	02/95-04/00	OM 602.980 Engine No.136 →	90	H1 738
Sprinter 3-t (903)	211 CDI	06/06-	OM 646.985 80		H1 739
	215 CDI	06/06-	OM 646.990 110		H1 739
	308 CDI	04/00-05/06	OM 611.987	60	H1 739
	311 CDI	04/00-05/06	OM 611.981	80	H1 739
	311 CDI 4x4	08/02-05/06	OM 611.981	80	H1 739
	313 CDI	04/00-05/06	OM 611.981	95	H1 739
	313 CDI 4x4	08/02-05/06	OM 611.981	95	H1 739
	308 D	02/95-04/00	OM 601.943	58	H1 078
	316 CDI	04/00-05/06	OM 612.981	115	H1 739
	316 CDI 4x4	08/02-05/06	OM 612.981	115	H1 739
	310 D 4x4	05/97-08/02	OM 602.980	75	H1 738
	312 D 2.9	02/95-04/00	OM 602.980	90	H1 738
	312 D 2.9 4x4	05/97-08/02	OM 602.980	90	H1 738
Sprinter 3-t (903)	209CDI	06/06-	OM 646.984	65	H1 739
	211 CDI	06/06-	OM 646.985	80	H1 739
	213 CDI	06/06-	OM 646.986	95	H1 739
	215 CDI	06/06-	OM 646.990	110	H1 739
	415 CDI	06/06-	OM 646.990	110	H1 739
Sprinter 3-t (906)	218 CDI	06/06-	OM 642.992	135	H1 122
Sprinter 3-t Box (906)	210 CDI	03/09-	OM 651.955	70	H5 124
	213 CDI	06/06-	OM 651.955 / OM 651.956 / OM 646.986	95	H5 124



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**MERCEDES-BENZ**

Sprinter 3-t Box (906)	216 CDI	03/09-	OM 651.955 / OM 651.957	120	H5 124
	219 CDI / BlueTEC	03/09-	OM 642.896 / OM 642.992	140	H5 124
Sprinter 3-t Platform/Chassis (906)	210 CDI	03/09-	OM 651.955	70	H5 124
	213 CDI	03/09-	OM 651.956	95	H5 124
	216 CDI	03/09-	OM 651.957	120	H5 124
	219 CDI / BlueTEC	03/09-	OM 642.896 / OM 642.992	140	H5 124
Sprinter 4-t (904)	408 CDI	02/96-05/06	OM 611.987	60	H1 739
	411 CDI	04/00-05/06	OM 611.981	80	H1 739
	411 CDI 4x4	04/00-05/06	OM 611.981	80	H1 739
	412 D AUTOMATIC	02/96-03/00	OM 602.980 → Mot.Nr.000136	85	H1 656
	412 D AUTOMATIC	02/96-03/00	OM 602.980 Mot.Nr.000 137 ->	85	H1 738
	412 D	02/96-03/00	OM 602.980 → Mot.Nr. 009 849	85	H1 656
	412 D	02/96-03/00	OM 602.980 Mot.Nr. 009 850 ->	85	H1 738
	412 D 4X4 AUTOMATIC	05/97-03/00	OM 602.980 → Mot.Nr. 000136	85	H1 656
	412 D 4X4 AUTOMATIC	05/97-03/00	OM 602.980 Mot.Nr. 000 137 ->	85	H1 738
	412 D 4X4	05/97-03/00	OM 602.980 → Mot.Nr. 009 849	85	H1 656
	412 D 4X4	05/97-03/00	OM 602.980 Mot.Nr. 009 850 ->	85	H1 738
	413 CDI	04/00-05/06	OM 611.981	95	H1 739
	413 CDI 4x4	04/00-05/06	OM 611.981	95	H1 739
	408 D	02/96-05/06	OM 601.943	58	H1 078
	416 CDI	04/00-05/06	OM 612.981	115	H1 739
	416 CDI 4x4	04/00-05/06	OM 612.981	115	H1 739
	410 D	02/96-05/06	OM 602.980	75	H1 739
Sprinter 3,5-t (906)	211 CDI	06/06-	OM 646.985	80	H1 739
	315 CDI	06/06-	OM 646.990	110	H1 739
	309 CDI	06/06-	OM 646.984	65	H1 739
	311 CDI 4X4	02/08-	OM 646.985	80	H1 739
	313 CDI	06/06-	OM 646.986	95	H1 739
	315 CDI 4X4	02/08-	OM 646.990	110	H1 739
	318 CDI	02/08-	OM 642.992	135	H1 122
	318 CDI 4X4	02/08-	OM 642.992	135	H1 122
	319 CDI	03/09-	OM 642.992	140	H1 122
	319 CDI 4x4	03/09-	OM 642.896, OM 642.898, OM 642.992	140	H1 122
Sprinter 3,5-t Box (906)	310 CDI	03/09-	OM 651.955	70	H5 124
	316 CDI	03/09-	OM 651.955 / OM 651.957	120	H5 124
	316 CDI 4x4	03/09-	OM 651.955 / OM 651.957	120	H5 124
Sprinter 3,5-t Bus (906)	310 CDI	03/09-	OM 651.955 / OM 651.956	70	H5 124
	313 CDI	08/11-	OM 651.955 / OM 651.956	95	H5 124
	313 CDI 4x4	08/11-	OM 651.955 / OM 651.956	95	H5 124
	316 CDI 4x4	08/11-	OM 651.955 / OM 651.957	120	H5 124
Sprinter 3,5-t Platform/Chassis (906)	310 CDI	03/09-	OM 651.955	70	H5 124
	313 CDI	06/06-	OM 651.955 / OM 651.956 / OM 646.986	95	H5 124
	316 CDI	03/09-	OM 651.957	120	H5 124
	316 CDI 4x4	03/09-	OM 651.955 / OM 651.957	120	H5 124
Sprinter 4,6 t (906)	419 CDI	03/09-	OM 642.992	140	H1 122
	418 CDI	06/06-	OM 642.896, OM 642.992, OM 642.993	135	H1 122
Sprinter 4,6-t Box (906)	416 CDI	03/09-	OM 651.957	120	H5 124



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Sprinter 4,6-t Platform/Chassis (906)	416 CDI	03/09-	OM 651.957	120	H5 124
Sprinter 5-t (906)	509 CDI	06/06-	OM 646.984	65	H1 739
	511 CDI	06/06-	OM 646.985	80	H1 739
	513 CDI	06/06-	OM 646.986	95	H1 739
	515 CDI	06/06-	OM 646.986	110	H1 739
	515 CDI	06/06-	OM 646.990	110	H1 739
	518 CDI	06/06-	OM 642.992	135	H1 122
	518 CDI 4x4	06/06-	OM 642.992	135	H1 122
	519 CDI	03/09-	OM 642.992	140	H1 122
Sprinter 5-t Box (906)	510 CDI	03/09-	OM 651.955	70	H5 124
	516 CDI	03/09-	OM 651.955 / OM 651.957	120	H5 124
Sprinter 5-t Platform/Chassis (906)	513 CDI 4x4	05/11-	OM 651.955 / OM 651.956	95	H5 124
	516 CDI	03/09-	OM 651.955 / OM 651.957	120	H5 124
	516 CDI 4x4	05/11-	OM 651.955 / OM 651.957	120	H5 124
Sprinter 6-t	616 CDI	04/01-	OM 612.981	115	H1 739
T1 Box (601)	208 D 2.3	11/88-02/96	OM 601.940	58	H1 078
	208 D 2.3	11/88-02/96	OM 601.940	60	H1 078
	207 D 2.4	09/82-01/90	OM 616.937/939	53	H1 004
	210 D 2.8	10/88-02/96	OM 602.940	70	H1 078
	210 D 2.8	10/88-02/96	OM 602.940	72	H1 078
	209 D 2.9	12/82-01/90	OM 617.913	65	H1 004
T1 Bus (601)	208 D 2.3	10/88-02/96	OM 601.940	58	H1 078
	208 D 2.3	10/88-02/96	OM 601.940	60	H1 078
	207 D 2.4	09/82-12/82	OM 616.917/934	48	H1 004
	207 D 2.4	07/82-09/88		53	H1 004
	210 D 2.8	11/88-02/96	OM 602.940	70	H1 078
	210 D 2.8	11/88-02/96	OM 602.940	72	H1 078
	209 D 2.9	12/82-01/90	OM 617.913	65	H1 004
T1 Box (602)	308 D 2.3	11/88-02/96	OM 601.940	58	H1 078
	308 D 2.3	06/89-02/96	OM 601.940	60	H1 078
	307 D 2.4	10/82-01/90	OM 616.937/939	53	H1 004
	310 D 2.9	06/89-02/96	OM 602.940	70	H1 078
	310 D 2.9	06/89-02/96	OM 602.940	72	H1 078
	309 D 3.0	10/82-01/90	OM 617.913	65	H1 004
T1 Bus (602)	308 D 2.3	05/90-02/96	OM 601.940	58	H1 078
	308 D 2.3	06/89-02/96	OM 601.940	60	H1 078
	310 D 2.9	06/89-02/96	OM 602.940	70	H1 078
	310 D 2.9	06/90-02/96	OM 602.940	72	H1 078
T1 Flatbed/Chassis (601)	208 D 2.3	11/88-02/96	OM 601.940	58	H1 078
	208 D 2.3	06/89-02/96	OM 601.940	60	H1 078
	207 D 2.4	09/82-10/89		53	H1 004
	207 D 2.4	09/82-12/82	OM 616.917	48	H1 004
	210 D 2.8	11/88-02/96	OM 602.940	70	H1 078
	210 D 2.8	11/88-02/96	OM 602.940	72	H1 078
	209 D 2.9	12/82-01/90	OM 617.913	65	H1 004
T1 Flatbed/Chassis (602)	307 D 2.4	09/82-01/83		48	H1 004



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T1 Flatbed/Chassis (602)	307 D 2.4	06/82-01/90	OM 616.937/939	53	H1 004
	308 D 2.3	06/89-02/96	OM 601.940	58	H1 078
	308 D 2.3	06/89-02/96	OM 601.940	60	H1 078
	310 D 2.9	06/89-02/96	OM 602.940	70	H1 078
	310 D 2.9	06/89-02/96	OM 602.940	72	H1 078
	309 D 3.0	10/82-01/90	OM 617.913	65	H1 004
Unimog	100L	11/92-	OM 602.948	71	H1 078
	600/650	01/88-	OM 616	38	H1 002
	U52	05/69-12/76	OM 616.915	38	H0 103
	U52	05/69-12/76	OM 616.915	38	H1 007
	U60	05/69-12/76	OM 616.930	44	H0 103
	U60	05/69-12/76	OM 616.930	44	H1 007
	U90	11/92-	OM 602.941	65	H1 078
V-CLASS (638/2)	V 200 CDI	03/99-07/03	OM 611.980	75	H1 739
	V 220 CDI	03/99-07/03	OM 611.980	90	H1 739
	V 230 TD	09/96-07/03	OM 601.970	72	H1 078
Vaneo (414)	1.7 CDI	02/02-	OM 668.914	55	H1 143
	1.7 CDI	02/02-	OM 668.914	67	H1 143
Viano (W639)	CDI 2.0	07/10	OM 651.940	100	H5 124
	CDI 2.0 4-matic	07/10	OM 651.940	100	H5 124
	CDI 2.2	09/03-	OM 646.982	80	H1 739
	CDI 2.0 4-matic	07/05-	OM 646.982	80	H1 739
	CDI 2.2	09/03-	OM 646.982	110	H1 739
	CDI 2.2 4-matic	07/05-	OM 646.982	110	H1 739
	CDI 2.2	07/10	OM 651.940	120	H5 124
	CDI 2.2 4-matic	07/10	OM 651.940	120	H5 124
	2.0 CDI	08/05-	OM 646.982	85	H1 739
	3.0 CDI	03/06-	OM 642.990	150	H1 122
	3.0 CDI	07/10-	OM 642.990	165	H1 122
Vito (W639)	109 CDI 4X4	09/07-	OM 646.981	70	H1 739
	111 CDI 4X4	09/07-	OM 646.982	80	H1 739
	111 CDI	09/07-	OM 646.982	85	H1 739
	115 CDI 4X4	09/07-	OM 646.982	110	H1 739
	109 CDI	08/06-	OM 646.981	70	H1 739
	111 CDI 4X4	09/07-	OM 646.982	80	H1 739
	111 CDI	09/07-	OM 646.982	85	H1 739
	115 CDI 4X4	09/07-	OM 646.982	110	H1 739
Vito Box (638)	108 CDI 2.2	03/99-	OM 611A	60	H1 739
	110 CDI 2.2	03/99-	OM 611LA	75	H1 739
	112 CDI 2.2	03/99-	OM 611.980	90	H1 739
	108 D 2.3	03/97-07/03	OM 611.942	58	H1 078
	110 TD 2.3	03/97-07/03	OM 611.970	72	H1 078
Vito Bus (638)	108 CDI 2.2	03/99-07/03	OM 611A	60	H1 739
	110 CDI 2.2	03/99-07/03	OM 611LA	75	H1 739
	112 CDI 2.2	03/99-07/03	OM 611.980	90	H1 739
	108 D 2.3	02/96-07/03	OM 611.942	58	H1 078
	110 TD 2.3	02/96-07/03	OM 611.970	72	H1 078



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Vito Box (W639)	109 CDI 2.2	09/03-	OM 646.983	65	H1 739
	111 CDI 2.2	09/03-	OM 646.982	80	H1 739
	115 CDI 2.2	09/03-	OM 646.982	110	H1 739
	120 CDI	07/06-	OM 642.990	150	H1 122
	122 CDI	09/10-	OM 642.890	165	H1 122
Vito Bus (W639)	109 CDI 2.2	09/03-	OM 646.983	65	H1 739
	109 CDI 2.2	09/06-		70	H1 739
	110 CDI	09/10-	OM 651.940	70	H5 124
	111 CDI 2.2	09/03-	OM 646.982	80	H1 739
	113 CDI	09/10-	OM 651.940	100	H5 124
	113 CDI 4x4	09/10-	OM 651.940	100	H5 124
	115 CDI 2.2	09/03-	OM 646.982	110	H1 739
	116 CDI	09/10-	OM 651.940	120	H5 124
	116 CDI 4x4	09/10-	OM 651.940	120	H5 124
	120 CDI	07/06-	OM 642.990	150	H1 122
	122 CDI	09/10-	OM 642.890	165	H1 124
VITO/MIXTO Box (W639)	110 CDI	09/10-	OM 651.940	70	H5 124
	113 CDI	09/10-	OM 651.940	100	H5 124
	116 CDI	09/10-	OM 651.940	120	H5 124

MERCEDES-BENZ (USA)

190D	1984 - 1985	4 - 2.2L Diesel	H1 004
	1986 - 1989	5 - 2.5L Diesel	H1 004
	1987	5 - 2.5L Diesel Turbo	H1 004
220D	1966 - 1968	4 - 2.0L Diesel	H1 656
	1968 - 1974	4 - 2.2L Diesel	H1 656
240D	1973 - 1980	4 - 2.4L Diesel	H1 656
	1981 - 1983	4 - 2.4L Diesel	H1 004
300CD	1977 - 1980	5 - 3.0L Diesel	H1 656
	1981	5 - 3.0L Diesel	H1 004
	1982 - 1985	5 - 3.0L Diesel Turbo	H1 004
300D	1975 - 1980	5 - 3.0L Diesel	H1 656
	1981	5 - 3.0L Diesel	H1 004
	1982 - 1984	5 - 3.0L Diesel Turbo	H1 004
	1987	6 - 3.0L Diesel Turbo	H1 004
300DT	1982 - 1985	5 - 3.0L Diesel Turbo	H1 004
300SD	1978 - 1979	5 - 3.0L Diesel Turbo	H1 656
	1980 - 1985	5 - 3.0L Diesel Turbo	H1 004
300SDL	1983 - 1985	5 - 3.0L Diesel Turbo	H1 004
	1986 - 1987	6 - 3.0L Diesel Turbo	H1 004
300TD	1978 - 1979	5 - 3.0L Diesel Turbo	H1 656
	1980	5 - 3.0L Diesel	H1 656
	1981	5 - 3.0L Diesel Turbo	H1 004
	1986 - 1987	6 - 3.0L Diesel Turbo	H1 004
	1982 - 1985	5 - 3.0L Diesel Turbo	H1 004

MG

EXPRESS	2.0 D	02/03-	K Series	H1 089
	2.0 L	03/03-07/04	20T	74 H1 089



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MG

EXPRESS	2.0 L	07/04-12/05	20T	74	H1 089
MG ZR	2.0 TD	06/01-04/05	20 T2N	74	H1 089
	2.0 TD	12/02-04/05	20 T2N	83	H1 089
MG ZS	2.0 TD	01/04-04/05	20 T2N	74	H1 089
	2.0 TD	01/04-04/05	20 T2N	83	H1 089
MG ZT	2.0 CDTi	06/02-09/03	204D2	85	H1 119
	2.0 CDTi	11/02-	204D2	96	H1 119
MG ZT-T	2.0 CDTi	06/02-09/03	204D2	85	H1 119
	2.0 CDTi	11/02-	204D2	96	H1 119

MINI

Mini One D	1.4 D	06/03-09/06	1ND	55	H1 144
	1.4 D	06/03-09/06	1ND-TV	65	H1 144
	One D	07/10-	N47 C16 A	66	H5 093
Mini	Cooper D	03/07-	9HZ (DV6TED4)	80	H1 166
	Cooper D	06/10-	N47 C16 A	82	H5 093
	Cooper SD	07/14-	B47 C20 A	125	H5 210
	Cooper SD	06/14-	B47 C20 A	125	H5 210
	One D	06/03-	1ND	55	H1 144
Mini (R50, R53)	One D	06/03-	1ND-TV	65	H1 144
	Cooper D	02/11-	N47 C20 A	82	H5 093
Mini (R56)	Cooper SD	02/11-	N47 C20 A	100	H5 093
	Cooper SD	02/11-	N47 C20 A	105	H5 093
	Cooper D	06/10-	N47 C16 A	82	H5 093
Mini Cabriolet	Cooper D	02/11-	N47 C20 A	82	H5 093
Mini Cabriolet (R57)	Cooper SD	02/11-	N47 C20 A	105	H5 093
	Cooper D	03/10-	N47 C16 A	66	H5 093
Mini Clubman	Cooper D	10/07-	9HZ (DV6TED4)	80	H1 166
	Cooper D	03/10-	N47 C16 A	82	H5 093
	Cooper D	02/11-	N47 C20 A	82	H5 093
Mini Clubman (R55)	Cooper SD	02/11-	N47 C20 A	100	H5 093
	Cooper SD	02/11-	N47 C20 A	105	H5 093
	Cooper D	07/15-	B47 C20 A	110	H5 210
Mini Clubman (F54)	Cooper SD	11/15-	B47 C20 A	140	H5 210
	Cooper D	12/12-	N47 C20 A	82	H5 093
Mini Clubvan (R55)	Cooper D	06/10-	N47 C16 A	66	H5 093
Mini Countryman	Cooper D	06/10-	N47 C16 A	82	H5 093
	Cooper D ALL4	06/10-	N47 C16 A	82	H5 093
	Cooper D	02/11-	N47 C20 A	82	H5 093
Mini Countryman (R60)	Cooper D ALL4	02/11-	N47 C20 A	82	H5 093
	Cooper SD	02/11-	N47 C20 A	105	H5 093
	Cooper SD ALL4	02/11-	N47 C20 A	100	H5 093
	Cooper SD	09/11-	N47 C20 A	100	H5 093
Mini Coupe (R58)	Cooper SD	09/11-	N47 C20 A	105	H5 093
	Cooper D	09/12-	N47 C16 A	82	H5 093
Mini Paceman (R61)	Cooper D ALL4	09/12-	N47 C16 A	82	H5 093
	Cooper SD	10/12-	N47 C20 A	105	H5 093
	Cooper SD ALL4	10/12-	N47 C20 A	105	H5 093
	Cooper SD	10/12-	N47 C20 A	105	H5 093



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MINI

Mini Roadster (R59)	Cooper SD	02/12-	N47 C20 A	105	H5 093
	Cooper SD	02/12-	N47 C20 A	100	H5 093

MITSUBISHI

1300 Mini Bus / Van			4D56		H1 547
ASX	1,8	04/10-	4B10	102	H1 444
	1.8 DI-D	06/10-	4N13	85	H1 444
	1.8 DI-D	06/10-	4N13	110	H1 444
	1.8 DI-D 4WD	06/10-	4N13	110	H1 444
	1.8 L 4x4	05/10-10/12	4N13	85	H1 444
	1.8 L	05/10-10/12	4N13	85	H1 444
	1.8 L 4x4	11/12-	4N13	85	H1 444
	1.8 L	11/12-	4N13	85	H1 444
	1.8 L 4x4	05/10-10/12	4N13	110	H1 444
	1.8 L	05/10-10/12	4N13	110	H1 444
Canter	2.8 TDiC	06/94-08/96	4M40-T	92	H1 412
	35 (3.0)	09/01-	4M42-OAT	92	H1 418
	55 (3.0)	09/01-	4M42-OAT	92	H1 418
Carisma	1.9 TD	10/96-09/00	F8QT	66	H1 098
	1.9 DI-D	09/00-06/06	F9Q1	75	H1 825
	1.9 DI-D	09/00-06/06	F9Q2	85	H1 825
Colt II	1.8 GL Diesel	02/84-09/86	4 D 65	43	H1 547
	1.8 GL Diesel	09/86-04/88	4 D 65 (C10)	44	H1 547
Colt III	1.8 GLX Diesel	04/88-05/92	4 D 65	44	H1 547
Colt VI	1.5 DI-D	08/04-06/12	OM 639.939	50	H1 123
	1.5 DI-D	08/04-06/12	OM 639.939	70	H1 123
Delica	2.8 TD 4X4 MPV	1993-	4 D 56 T	92	H1 921
Galant V	2.0 GLSTD	11/92-08/96	4 D 68 T	66	H1 211
Galant VI	2.0 TDI	09/96-02/00	4D68 SOHC	66	H1 211
Galant VI Station Wagon	2.0 TDI	09/96-02/00	4D68 SOHC	66	H0 611
	2.8 TD	10/96-07/01	4M40-T	92	H1 412
Galopper	2.5 TD Intercooler	09/98-12/03	D4BH	73	H1 211
Grandis	2.0 DI-D	09/05-	BSY	100	H1 993
	2.0 DI-D	09/05-	BSY, for vehicles with soot filter	100	H5 122
	2.0 DI-D	02/07-	BSY	103	H1 993
	2.0 DI-D	02/07-	BWC, for vehicles with soot filter	103	H5 122
L 200	2.5 D	11/86-10/93	4 D 56	51	H1 547
	2.3 D 4WD	01/83-10/86	4 D 55	62	H1 547
	2.5 D	11/93-05/96	4 D 56	51	H1 211
	2.5 D	06/96-12/07	4 D 56	55	H1 211
	2.5 D 4WD	12/87-05/93	4 D 56 (8V)	51	H1 547
	2.5 TD 4WD	11/92-10/93	4 D 56 T	64	H1 547
	2.5 TD 4WD	11/93-08/96	4 D 56 T	64	H1 211
	2.5 TD 4WD	09/01-12/07	4D56 T	85	H1 211
	2.5 TD 4WD	06/96-12/07	4D56 TD	73	H1 211
	2.5 TD 4x4	11/01-		74	H1 211
	2.8 TD 4X4	04/03-06/06	4M40-T	92	H1 412



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L 200/TRITON (KJ_,KK_,KL_)	2.4 DI-D	09/15-	4N15	113	H1 444
	2.4 DI-D 4WD	11/14-	4N15	133	H1 444
	2.4 DI-D 4WD	09/15-	4N15	113	H1 444
L 300	2.3 D	04/83-10/86	4 D 55	50	H1 547
	2.5 D	11/86-12/92	4 D 56	51	H1 547
	2.5 D	01/93-04/94	4 D 56	51	H1 799
	2.5 D	05/94-	4 D 56	51	H1 211
	2.5 TD 4WD	11/88-12/92	4 D 56 T	64	H1 547
	2.5 TD 4WD	01/93-04/94	4 D 56 T	64	H1 799
	2.5 TD	11/94-04/00	4 D 56 T	64	H1 211
L 400	2500 TD	06/96-06/05	4 D 56 T	64	H1 211
	2.5 TD 4WD	09/96-06/05	4 D 56 T	64	H1 211
Lancer III	1.8 Diesel	09/86-04/88	4 D 65	44	H1 547
Lancer V	2.0 Diesel	06/92-12/96	4 D 68	50	H1 211
Lancer V Station Wagon	2.0 D	12/93-05/96	4 D 68	50	H1 211
Lancer Saloon	1.8 DI-D	05/10-	4N13	85	H1 444
	1.8 DI-D	06/10-	4N13	110	H1 444
Lancer Sportback	1.8 DI-D	05/10-	4N13	85	H1 444
	1.8 DI-D	06/10-	4N13	110	H1 444
Outlander II	2.0 DI-D	02/07-11/12	BSY	103	H1 993
	2.2 DI-D 4WD	09/10-11/12	4N14	103	H1 444
	2.2 DI-D	11/06-11/12	4N14	130	H1 444
	2.2 DI-D 4WD	11/06-11/12	4N14	130	H1 444
Outlander III	2.2 DI-D	08/12-	4N14	110	H1 444
	2.2 DI-D 4WD	08/12-	4N14	110	H1 444
Outlander III Van	2.2 DI-D 4WD	04/13-	4N14	110	H1 444
Pajero Classic	3.2 DI-D	05/05-	4M41	118	H1 418
Pajero I	2.5 TD	01/90-11/90	4 D 56 T	64	H1 547
	2.5 TD	11/89-11/90	4 D 56 T	70	H1 547
Pajero I Canvas Top	2.5 TD	05/86-10/89	4 D 56 T	62	H1 547
Pajero II	2.5 TD	12/90-10/93	4 D 56 TD	73	H1 547
	2.5 TD	11/93-01/98	4 D 56 TD	73	H1 211
	2.8 TD	06/97-04/00	4M40-T	92	H1 412
	2.5 TDi	04/00-12/06	4 D 56 T	73	H1 211
Pajero III	2.5 TDi	09/01-12/06	4 D 56 T	85	H1 211
	3.2 DI-D	04/00-		118	H1 919
	3.2 DI-D	04/00-12/06	4M41	118	H1 418
	3.2 DI-D	04/00-12/06	4M41	121	H1 418
	3.2 DI-D	04/00-12/06	4M41	121	H1 418
Pajero SPORT III (KS_)	2.4 DI-D 4x4	08/15-	4N15	133	H1 444
Pajero IV	3.2 DI-D	02/07-	4M41	118	H1 418
	3.2 DI-D	02/07-	4M41	125	H1 418
	3.2 TD 4x4	01/09-	4M41	147	H1 418
Space Gear	2.5 TD	05/95-05/00	4 D 56 T	64	H1 211
	2.5 TD	05/95-05/00	4 D 56 TD	73	H1 211
Space Runner	2.0 TD GLX	10/92-08/99	4 D 68 T	60	H1 211
Space Star	1.9 DI-D	02/01-	F9Q1	75	H1 825
	1.9 DI-D	10/02-	F9Q2	85	H1 825



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Space Wagon 2.0 TD GLX 10/92-10/98 4 D 68 T 60 H1 211

MOTOR IBERICA

Camion L-35,L-45 A4.28 II H1 701

L35 05/85- 56 H1 002

Mot. A 4.28 09/87-05/93 A4.28 62 H1 002

Patrol D 260 -08/88 A4.28 H1 002

A4.28 II 62 H1 701

Santana 1.6 TD 1984-1987 CY H1 657

Terano TD II 2.7 02/93- TD 27/TD 27 T 74 H1 797

Trade 2.0 01/87- LD 20 48 H1 701

2.8 03/87-11/89 A4.28 II 57 H1 701

Trade (EW) 2.7 10/95- TD 27 73 H1 797

Vanette 2.0 01/87- LD 20 48 H1 701

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Almera I 2.0 D 11/95-04/96 CD20 55 H1 210

Almera II 1.5 dCi 01/03- K9K 60 H1 825

2.2 Di 03/00- YD22DDT 81 H1 212

2.2 dCi 09/03- YD22DDT 82 H1 212

Almera Tino 2.2 dCi 09/03- YD22DDT 82 H1 212

2.2 Di 08/00- YD22DDTi 84 H1 212

2.2 dCi 09/03- YD22DDTi 100 H1 212

Avenir 2.0 TD 11/92-10/97 CD20T 66 H1 210

2.0 TD 11/97-09/99 CD20T 66 H1 210

Bluebird 2.0 D 04/84-10/85 LD 20 43 H1 574

2.0 D 03/86-04/90 LD 20 49 H1 209

2.0 D 03/86-04/90 LD 20 49 H1 574

Bluebird Station Wagon 2.0 D 04/84-10/85 LD20 43 H1 574

2.0 D 03/86-12/90 LD20 49 H1 574

Caravan 3.0 Di 10/00- ZD30DD 77 H1 432

Cabstar 10/98-10/06 55 H1 204

3.0 (45.15) 10/06- 110 H1 432

28.12 10/06 YD25K3LD-5L0 90 H5 126

35.12 10/06 YD25K3LD-5L0 90 H5 126

35.14 10/06 YD25K3LD-5MI 100 H5 126

Cherry 1.7 D 10/82-12/86 40 H1 798

Cube 1.5 dCi 03/10- K9K, K9K 270 78 H1 392

1.5 dCi 03/10- K9K, K9K 270 81 H1 392

Elgrand 3.0 D 04/03-12/10 ZD30 113 H1 432

3.0 AWD 08/99-08/00 ZD30DDTi 113 H1 432

Kubistar 1.5 dCi 08/03- K9K 704 48-60 H1 825

1.5 dCi 08/03- K9K 722 60 H1 825

Interstar 1.9 dCi 80 07/02- F9Q 772 60 H1 825

2.2 dCi 90 07/02- G9T 722 66 H1 977

2.5 dCi 120 08/03- G9U 720 84 H1 977

3.0 dCi 140 11/03- ZD30 100 H1 432

Juke 1.5 dCi 06/10- 81 H1 392

Laurel 2.8 D 01/85-12/89 RD28 66 H1 574



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Laurel	2.8 D	01/85-02/87	LD28	62	H1 574
Micra	1.5 dCi	01/03-	K9K 704	48	H1 825
	1.5 dCi	09/03-	K9K	60	H1 825
Micra II	1.5 D	02/98-02/03	TD15	42	H5 114
Micra III	1.5 dCi	01/03-	K9K 704	48	H1 825
	1.5 dCi	09/03-	K9K 722	60	H1 825
Murano (Z51)	2.5 dCi 4x4	01/10	YD25DDTi	140	H5 126
Navara	2.5 dCi	07/05-12/09	YD25DDTi	106	H1 212
	2.5 dCi 4WD	10/06-	YD25DDTi	126	H1 212
	2.5 dCi 4WD	07/05-12/09	YD25DDTi	128	H1 212
	3.0 TD 4WD	12/01-01/08	ZD30	110	H1 432
Navara (D40)	2.5 dCi 4WD	12/09-	YD25DDTi	140	H5 126
	2.5 dCi 4WD	10/08-	YD25DDTi	106	H5 126
	3.0 dCi 4WD	02/10-	V9X	170	H5 126
NAVARA Platform/Chassis(D40)	2.5 dCi	03/10-	YD25DDTi	140	H5 126
	3.0 dCi	03/10-	V9X	140	H5 126
Note	1.5 dCi	03/06-	K9K 700	50	H1 825
	1.5 dCi	03/06-	K9K 276	63	H1 825
	1.5 dCi	09/10-	K9K 276	66	H1 392
	1.5 dCi	06/13-	K9K 608	66	H1 392
NP300	2.5 dCi 4X4	04/08-	YD25DDTi	98	H1 212
NV200	1.5 dCi	04/11-		66	H1 825
	1.5 dCi	04/11-		81	H1 825
	1.5 L	01/10-	K9K 892	66	H1 392
	1.5 L	01/10-	K9K	66	H1 392
	1.5 L	01/10-	K9K	66	H1 392
NV400 Box	2.3 dCi	06/14-	M9T	120	H5 126
	2.3 dCi	11/11-	M9T 670/672/676	92	H5 126
	2.3 dCi	11/11-	M9T 678/680	107	H5 126
	2.3 dCi	11/11-	M9T 670/672/676	74	H5 126
	2.3 dCi (RWD)	11/11-	M9T 694/696/698	107	H5 126
	2.3 dCi (RWD)	06/14-	M9T	120	H5 126
	2.3 dCi (RWD)	11/11-	M9T 686/690/692	92	H5 126
	dCi 130	09/16	M9T	96	H5 126
	dCi 170	09/16	M9T	125	H5 126
NV400 Bus	2.3 dCi	11/11-	M9T 670/672/676	74	H5 126
	2.3 dCi	11/11-	M9T 670/672/676	92	H5 126
	2.3 dCi	06/14-	M9T	120	H5 126
	2.3 dCi	11/11-	M9T 678/680	107	H5 126
NV400 Platform/Chassis	2.3 dCi	11/11-	M9T 678/680	107	H5 126
	2.3 dCi	11/11-	M9T 670/672/676	92	H5 126
	2.3 dCi	11/11-	M9T 670/672/676	74	H5 126
	2.3 dCi	06/14-	M9T	120	H5 126
	2.3 dCi (RWD)	11/11-	M9T 678/680	107	H5 126
	2.3 dCi (RWD)	11/11-	M9T 670/672/676	92	H5 126
	2.3 dCi (RWD)	06/14-	M9T	120	H5 126
	dCi 130	09/16	M9T	96	H5 126



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NV400 Platform/Chassis	dCi 170	09/16	M9T	125	H5 126
Pathfinder	2.7 D	02/93-	TD25, TD27	59-73	H1 799
	2.7 D	02/93-	TD27T	73-74	H1 797
	2.7 TD	1993-	TD27ET	59-61	H1 799
	2.5 dCi 4WD	03/05-	YD25DDTi	128	H1 212
	2.5 dCi 4WD	10/06-	YD25DDTi	126	H1 212
Pathfinder III (R51)	2.5 dCi 4WD	08/10-	YD25DDTi	140	H5 126
	2.5 dCi 4WD	03/05-	YD25DDTi	128	H5 126
	3.0 dCi	08/10-	V9X	170	H5 126
Patrol	3.2 D	08/88-06/90		81	H1 205
Patrol GR I	4.2 D	11/88-06/97		85	H1 214
Patrol GR II Wagon	2.8 TD	06/97-05/00	RD28Ti	95	H1 455
	2.8 TDiC	10/97-02/00	RD28Ti	96	H1 455
	3.0 DTi	05/00-		118	H1 432
	3.0 DTi	05/00-		116	H1 432
Patrol Station Wagon	3.2 TD	07/83-08/88	SD33T	81	H1 577
Pick-up	2.3 D	04/83-03/86		51	H1 568
	2.3 D	09/85-03/86	SD23	51	H1 801
	2.5 D	04/83-03/86		53	H1 561
	2.5 D 4WD	03/86-08/87	SD 25	55	H1 801
	2.5 D	09/87-02/98	TD 25	55	H1 799
	2.5 D	08/87-08/96	TD 25	59	H1 799
	2.5 D	03/96-	TD 25	61	H1 799
	2.7 D 4WD	08/87-02/98	TD 27	73	H1 799
Primastar	1.9 dCi 80	03/01-		60	H1 825
	1.9 dCi 100	03/01-		74	H1 825
	2.5 dCi 140	09/03-	G9U 730	99	H1 977
Primastar Box (X83)	dCi 120	09/06-	M9R 780	84	H5 126
	dCi 90	09/06-	M9R 782	66	H5 126
Primastar Bus (X83)	dCi 120	09/06-	M9R 780	84	H5 126
	dCi 90	09/06-	M9R 782	66	H5 126
Primera	1.9 dCi	04/03-	F9Q	88	H1 825
	2.0 D	07/90-01/96	CD20	55	H1 210
	2.0 TD	09/96-07/02	CD20T	66	H1 210
	2.2 Di	03/02-	YD22DDT	93	H1 212
	2.2 dCi	04/03-	YD22DDT	102	H1 212
Primera Traveller	2.0 D	07/90-12/95	CD20	55	H1 210
	2.0 TD	04/98-12/01	CD20T	66	H1 210
Primera Kombi	1.9 dCi	04/03-	F9Q	88	H1 825
	2.2 Di	03/02-	YD22DDT	93	H1 212
	2.2 dCi	04/03-		102	H1 212
Pulsar	1.5 dCi	10/14-	K9K	81	H1 392
Serena	2.0 D	11/92-	LD20	49	H1 209
	2.3 D	01/95-02/98	LD23	55	H1 701
	2.3 D	03/98-	LD23	55	H1 204
	2.3 D	01/95-09/01	LD23	55	H1 204
Sunny	1.7 D	05/92-04/98	CD17	40	H1 209



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Sunny II	1.7 D	01/86-05/89	CD17	40	H1 209
	1.7 D	06/86-01/91	CD17	40	H1 798
Sunny II Traveller	1.7 D	01/86-09/90	CD17	40	H1 209
Sunny III	2.0 D	10/90-05/95	CD20	55	H1 210
Terrano I	2.7 TD 4WD	02/89-02/96	TD 27 T	73	H1 797
Terrano II	2.7 TD 4WD	02/93-01/02	TD 27 T	74	H1 204
	2.7 TDi 4WD	05/96-	TD 27 TI	92	H1 391
	3.0 Di 4WD	05/02-	ZD30	113	H1 432
Qashqai	1.5 dCi	07/08-06/10	K9K	76	H1 825
	1.5 dCi	02/07-06/10	K9K	78	H1 825
	1.5 dCi	11/10-	K9K 430	81	H1 392
	1.5 dCi	02/14-	K9K 636	81	H1 392
	1.6 dCi	10/11-	R9M	96	H5 017
	1.6 dCi AWD	10/11-	R9M	96	H5 017
Qashqai/Qashqai +2 (J10, JJ10)	2.0 dCi	02/07-	M1D, M9R	110	H5 126
	2.0 dCi AWD	02/07-	M1D, M9R	110	H5 126
Urvan	2.3 D	04/85-11/88	SD 23	51	H1 568
	2.3 D	04/85-11/88	SD 23	51	H1 577
	2.5 D	12/88-09/93	TD 25	59	H1 799
	3.0 D	10/00-	ZD30DD	77	H1 432
Vanette	2.0 D	10/86-12/95	LD 20	47	H1 209
	2.0 D	10/86-12/95	LD 20	49	H1 209
	2.0 D	07/91-01/95	LD20II	49	H1 209
Vanette Cargo	2.3 D	01/95-02/98	LD23	55	H1 701
	2.3 D	03/98-	LD23	55	H1 204
	2.3 D	01/96-		55	H1 204
	2.3 D	01/95-		55	H1 204
X-Trail	2.2 Di 4x4	07/01-	YD22ETI	84	H1 212
X-Trail (T31)	2.0 dCi	06/07-11/13	M9R 760	127	H5 126
	2.0 dCi	06/07-11/13	M9R	110	H5 126
	2.0 dCi FWD	06/07-11/13	M9R	110	H5 126

NISSAN (USA)

910	1981 - 1984	6 - 2.8L DIESEL LD28	H1 657
Maxima	1981 - 1984	6 - 2.8L DIESEL LD28	H1 657

OLDSMOBILE (USA)

Custom Cruiser		1978 - 1979	V8 5.7L 350 CID (N) FI DIESEL	H0 711
Cutlass		1979	V6 4.3L 260 CID (V) FI DIESEL	H0 711
		1979 - 1981	V8 5.7L 350 CID (N) FI DIESEL	H0 711
	Ciera	1982	V8 5.7L 350 CID (N) FI DIESEL	H0 711
	Ciera	1982 - 1983	V6 4.3L 260 CID (T) FI DIESEL	H0 711
	Ciera	1984 - 1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
	SUPREME	1982 - 1983	V6 4.3L 260 CID (T) FI DIESEL	H0 711
	SUPREME	1982 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
	SUPREME	1984	V6 4.3L 260 CID (T) FI DIESEL	H1 197
	SUPREME	1984 - 1985	V8 5.7L 350 CID (N) FI DIESEL	H1 197
Delta	88	1978	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	88	1979	V8 5.7L 350 CID (N) FI DIESEL	H0 711



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OLDSMOBILE (USA)

Delta	88	1980 - 1981	V8 5.7L DIESEL	H0 711
	88	1982 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
	88	1984 - 1985	V8 5.7L 350 CID (N) FI DIESEL	H1 197
	88 ROYALE	1980 - 1981	V8 5.7L DIESEL	H0 711
	88 ROYALE	1982 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
	88 ROYALE	1984 - 1985	V8 5.7L 350 CID (N) FI DIESEL	H1 197
Ninety Eight		1978 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1979 - 1981	V8 5.7L DIESEL	H0 711
		1984	V8 5.7L 350 CID (N) FI DIESEL	H1 197
		1985	V6 4.3L 260 CID (T) FI DIESEL	H1 197
Toronado		1979 - 1983	V8 5.7L 350 CID (N) FI DIESEL	H0 711
		1980 - 1981	V8 5.7L DIESEL	H0 711
		1984 - 1985	V8 5.7L 350 CID (N) FI DIESEL	H1 197

OPEL

Agila	1.3 CDTI	08/03-12/07	Z 13DT	51	H1 859
	1.3 CDTI	04/08-	D13A, Z 13 DTJ	55	H1 859
Antara	2.0 CDTI	03/07-	Z 20 S	93	H5 191
	2.0 CDTI	09/08-	Z 20 DM	93	H5 191
	2.0 CDTI	05/06-	Z 20 DMH, Z 20 S	110	H5 191
	2.0 CDTI 4X4	05/06-	Z 20 DMH, Z 20 S	110	H5 191
Arena Combi	1.9 D	03/98-08/01	F8Q 600/606	44	H1 709
	2.5 D	03/98-08/01	S8U 758/780/782	55	H1 126
Arena Box	1.9 D	03/98-08/01	F8Q 600/606	44	H1 709
	2.5 D	03/98-08/01	S8U 758/780/782	55	H1 126
Arena	1.9 D	03/98-08/01	F8Q 606/F8Q 600	44	H1 709
	2.5 D	03/98-08/01	S8U 780/S8U 782/S8U 758	55	H1 126
Ascona B	2.0 D	08/78-10/79	20D, →Engine Nr.90309	43	H0 610
	2.0 D	11/79-08/81	20D, Engine Nr.90310 →	43	H0 605
Ascona C Hatchback	1.6 D	03/82-08/88	16D, 16 DA	40	H1 656
Ascona C	1.6 D	03/82-08/88	16D, 16 DA	40	H1 656
Astra F Hatchback	1.7 D	12/91-09/92	17 D	42	H1 656
	1.7 D	07/92-01/98	17 DR	44	H1 656
	1.7 TD	11/94-01/98	X 17 DTL	50	H1 656
	1.7 TDS	12/91-01/98	17 DT (TC4EE1), X 17 DT (TC4EE1) →Engine Nr.956632	60	H1 691
	1.7 TDS	12/91-01/98	17 DT (TC4EE1), X 17 DT (TC4EE1) Engine Nr.956633→	60	H1 920
	1.7 TDS	12/91-01/98	17 DT (TC4EE1), X 17 DT (TC4EE1) Engine Nr.956633→	60	H1 920
Astra F	1.7 D	12/91-09/92	17 D	42	H1 656
	1.7 D	07/92-01/98	17 DR	44	H1 656
	1.7 TD	11/94-01/98	X 17 DTL	50	H1 656
	1.7 TDS	12/91-01/98	17 DT (TC4EE1), X 17 DT (TC4EE1) →Engine Nr.956632	60	H1 691
	1.7 TDS	12/91-01/98	17 DT (TC4EE1), X 17 DT (TC4EE1) Engine Nr.956633→	60	H1 920
	1.7 TDS	12/91-01/98	17 DT (TC4EE1), X 17 DT (TC4EE1) Engine Nr.956633→	60	H1 920
Astra F Estate	1.7 D	12/91-09/92	17 D	42	H1 656
	1.7 D	07/92-01/98	17 DR	44	H1 656
	1.7 TD	11/94-01/98	X 17 DTL	50	H1 656



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OPEL

Astra F Estate	1.7 TDS	12/91-01/98	17 DT (TC4EE1), X 17 DT (TC4EE1) →Engine Nr.956632	60	H1 691
	1.7 TDS	12/91-01/98	17 DT (TC4EE1), X 17 DT (TC4EE1) Engine Nr.956633 →	60	H1 920
Astra F Van	1.7 D	12/91-09/92	17 D	42	H1 656
	1.7 D	07/92-01/99	17 DR	44	H1 656
	1.7 TD	08/94-01/99	X 17 DTL	50	H1 656
Astra G Hatchback	1.7 DTI 16V	02/00-07/04	Y 17 DT	55	H1 860
	1.7 CDTI	04/03-07/04	Z 17 DTL	59	H1 860
	1.7 TD	02/98-08/00	X 17 DTL	50	H1 656
	2.0 DI	02/98-07/04	X 20 DTL, Y 20 DTL	60	H1 090
	2.0 DI	01/99-04/05	X 20 DTL	60	H1 090
	2.0 DTI 16V	08/99-07/04	X 20 DTH, Y 20 DTH	74	H1 090
	2.2 DTI	09/02-10/05	Y 22 DTR	92	H1 112
Astra G Saloon	1.7 DTI 16V	02/00-07/04	Y 17 DT	55	H1 860
	1.7 CDTI	04/03-07/04	Z 17 DTL	59	H1 860
	1.7 TD	02/98-08/00	X 17 DTL	50	H1 656
	2.0 DI	02/98-07/04	X 20 DTL, Y 20 DTL	60	H1 090
	2.0 DTI 16V	08/99-07/04	X 20 DTH, Y 20 DTH	74	H1 090
	2.2 DTI	09/02-10/05	Y 22 DTR	92	H1 112
Astra G Estate	1.7 DTI 16V	02/00-07/04	Y 17 DT	55	H1 860
	1.7 CDTI	04/03-07/04	Z 17 DTL	59	H1 860
	1.7 TD	02/98-08/00	X 17 DTL	50	H1 656
	2.0 DI	02/98-07/04	X 20 DTL, Y 20 DTL	60	H1 090
	2.0 DTI 16V	08/99-07/04	X 20 DTH, Y 20 DTH	74	H1 090
	2.2 DTI	09/02-10/05	Y 22 DTR	92	H1 112
Astra G Coupe	2.2 DTI	09/02-10/05	Y 22 DTR	92	H1 112
Astra G Convertible	2.2 DTI	09/02-10/05	Y 22 DTR	92	H1 112
Astra G Box	1.7 TD	01/99-04/05	X 17 DTL	50	H1 656
	2.0 DI	01/99-	X 20 DTL	60	H1 090
Astra H	1.3 CDTI	08/05-	Z 13 DTH	66	H1 859
	1.7 CDTI	03/04-	Z 17 DTL	59	H1 860
	1.7 CDTI	03/04-	Z 17 DTH	74	H1 860
	1.7 CDTI	02/07-	Z 17 DTR	92	H1 860
	1.7 CDTI	02/07-	A 17 DTJ, Z 17 DTJ	81	H1 860
	1.9 CDTI	09/05-	Z 19 DTL	74	H1 802
	1.9 CDTI	09/05-	Z 19 DTL	74	H5 020
	1.9 CDTI	06/04-	Z 19 DT	88	H5 020
	1.9 CDTI	06/04-	Z 19 DT	88	H1 802
	1.9 CDTI 16 V	04/04-	Z 19 DTJ	88	H1 816
	1.9 CDTI	09/04-	Z 19 DTH	110	H1 816
Astra H Caravan	1.7 CDTI	02/07-	A 17 DTJ/Z 17 DTJ	81	H1 860
Astra H Estate	1.3 CDTI	08/05-	Z 13 DTH	66	H1 859
	1.7 CDTI	03/04-	Z 17 DTL	59	H1 860
	1.7 CDTI	03/04-	Z 17 DTH	74	H1 860
	1.7 CDTI	02/07-	Z 17 DTR	92	H1 860
	1.9 CDTI	09/05-	Z 19 DT	74	H1 802



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Astra H Estate	1.9 CDTi	06/04-	Z 19 DT	88	H1 802
	1.9 CDTi 16 V	04/04-	Z 19 DTJ	88	H1 816
	1.9 CDTi	09/04-	Z 19 DTH	110	H1 816
Astra H GTC	1.3 CDTi	04/05-	Z 13 DTH	66	H1 859
	1.3 CDTi	01/06-	Z 13 DTH	66	H1 859
	1.7 CDTi	03/05-	Z 17 DTH	74	H1 860
	1.7 CDTi	02/07-	A 17 DTJ	81	H1 860
	1.7 CDTi	02/07-	A 17 DTR	92	H1 860
	1.9 CDTi	01/06-	Z 19 DTL	74	H5 020
	1.9 CDTi	01/06-	Z 19 DT	74	H1 816
	1.9 CDTi 16V	03/05-	Z 19 DTJ	88	H1 816
	1.9 CDTi	09/05-	Z 19 DT	88	H5 020
	1.9 CDTi	09/05-07/07	Z 19 DT	88	H1 816
	1.9 CDTi	03/05-	Z 19 DTH	110	H1 816
	1.9 CDTi	09/05-	Z 19 DTH	110	H1 816
Astra H Twin Top	1.9 CDTi	09/05-	Z 19 DTH	110	H1 816
Astra H Van	1.3 CDTi	08/05-	Z 13 DTH	66	H1 859
	1.7 CDTi	03/04-	Z 17 DTH	74	H1 860
	1.7 CDTi	02/07-	A 17 DTJ/Z 17 DTJ	81	H1 860
	1.7 CDTi	02/07-	A 17 DTR/Z 17 DTR	92	H1 860
	1.9 CDTi	09/05-		88	H5 020
	1.9 CDTi	09/05-		74	H5 020
	1.9 CDTi	09/05-	Z 19 DTL → Fgst.Nr. 78007391, 72045139, 75030986	88	H1 802
	1.9 CDTi 16V	08/04-	Z 19 DTJ	88	H1 816
	1.9 CDTi	09/04-	Z 19 DTH	110	H1 816
Astra GTC J	1.7 CDTi	10/11-	A 17 DTJ	81	H1 860
	1.7 CDTi	10/11-	A 17 DTC	81	H5 016
	1.7 CDTi	10/11-	A 17 DTS	96	H5 016
	2.0 BiTurbo CDTi	10/12-	A 20 DTR	143	H1 396 *
	2.0 CDTi	10/11-	A 20 DTH	121	H1 396 *
	2.0 CDTi	10/11-	A 20 DTH	121	H1 396 *
Astra J	1.3 CDTi	12/09-	A 13 DTE	70	H1 394
	2.0 CDTi	12/09-	A 20 DTH	118	H1 396 *
	2.0 CDTi	06/11-	A 20 DTH	121	H1 396 *
	2.0 BiTurbo CDTi	12/12-	A 20 DTR	143	H1 396 *
	1.7 CDTi	12/09-	A 17 DTJ	81	H1 860
	1.7 CDTi	12/09-	A 17 DTC	81	H5 016
	1.7 CDTi	12/09-	A 17 DTR	92	H1 860
	1.7 CDTi	12/09-	A 17 DTS	96	H5 016
	1.6 CDTi	02/14-	B 16 DTL	81	H5 192
	1.6 CDTi	01/14-	B 16 DTH	100	H5 192
	1.6 CDTi	01/14-	B 16 DTH	100	H5 192
Astra J Saloon	1.7 CDTi	06/12-	A 17 DTJ	81	H1 860
	1.7 CDTi	06/12-	A 17 DTC	81	H5 016
	1.7 CDTi	06/12-	A 17 DTS	96	H5 016
	1.3 CDTi	10/10-	A 13 DTE	70	H1 394
Astra Sports Tourer J	1.6 CDTi	02/14-	B 16 DTL	81	H5 192
	1.6 CDTi	01/14-	B 16 DTH	100	H5 192
	1.6 CDTi	01/14-	B 16 DTH	100	H5 192

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Astra Sports Tourer J	1.7 CDTI	10/10-	A 17 DTL	74	H1 860
	1.7 CDTI	10/10-	A 17 DTJ	81	H1 860
	1.7 CDTI	10/10-	A 17 DTC	81	H5 016
	1.7 CDTI	10/10-	A 17 DTR	92	H1 860
	1.7 CDTI	10/10-	A 17 DTS	96	H5 016
	2.0 CDTI	08/11-	A 20 DTH	121	H1 396 *
	2.0 CDTI	10/10-	A 20 DTH	118	H1 396 *
	2.0 BiTurbo CDTI	12/12-	A 20 DTR	143	H1 396 *
	2.0 CDTI	07/08-		96	H1 396
Campo	2.2 D	08/91-09/96	C223	39	H1 692
	2.2 D 4X4	08/91-09/96	C223	39	H1 692
	2.2 D	08/87-08/90	C223	45	H1 692
	2.2 D 4X4	08/87-08/90	C223	45	H1 692
	2.5 D	08/91-06/94	4 JA1	56	H1 125
	2.5 D 4X4	08/91-06/94	4 JA1	56	H1 125
	2.5 TD	07/94-	4 JA1T	56	H1 125
	2.5 TD 4X4	07/94-	4 JA1T	56	H1 125
	2.5 DTI	12/01-	4 JA1	74	H1 125
	2.5 DTI 4X4	12/01-	4 JA1	74	H1 125
	3.1 TD	03/95-12/96	4 JG2T	80	H1 691
	3.1 TD 4X4	03/95-12/96	4 JG2T	80	H1 691
Combo	1.3 CDTI 16V	08/05-	Z 13 DT	51	H1 859
	1.3 CDTI 16V	10/05-	Z 13 DTJ	55	H1 859
	1.7 D	07/94-10/01	17 D (4EE1), X 17 D (4EE1)	44	H1 920
	1.7 DI 16V	10/01-	Y 17 DTL	48	H1 860
	1.7 DTI 16V	10/01-	Y 17 DT	55	H1 860
Combo Box Body/Estate	1.3 CDTI	03/15-	B 13 DTC	55	H5 158
	1.3 CDTI 16V	08/05-	Z 13 DT	51	H1 859
	1.3 CDTI 16V	10/04-	Z 13 DTJ	55	H1 859
	1.6 CDTI	02/12-	A 16 FDL	66	H1 396
	1.6 CDTI	02/12-	A 16 FDH	74	H1 396
	1.6 CDTI	02/12-	A 16 FDH	77	H1 396
	1.7 DI 16V	10/01-	Y 17 DTL	48	H1 860
	1.7 DTI 16V	10/01-	Y 17 DT	55	H1 860
	1.7 CDTI	12/04-	Z 17 DTH	74	H1 860
	2.0 CDTI	02/12-	A 20 FD	99	H1 396
Combo Tour	1.3 CDTI 16V	10/04-	Z 13 DT, Y 13 DT	51	H1 859
	1.3 CDTI 16V	10/04-	Z 13 DTJ	55	H1 859
	1.6 CDTI	02/12-	A 16 FDL	66	H1 396
	1.6 CDTI	02/12-	A 16 FDH	74	H1 396
	1.6 CDTI	02/12-	A 16 FDH	77	H1 396
	1.7 DI 16V	10/01-	Y 17 DTL	48	H1 860
	1.7 DTI 16V	10/01-	Y 17 DT	55	H1 860
	1.7 CDTI	12/04-	Z 17 DTH	74	H1 860
	2.0 CDTI	02/12-	A 20 FD	99	H1 396
Corsa A	1.5 D	06/87-03/93	15 D (4EC1) →Engine Nr. 804794	37	H0 643
	1.5 D	06/87-03/93	15 D (4EC1) Engine Nr. 804795→	37	H1 692

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Corsa A	1.5 TD	10/87-03/93	15 DT (4EC1) →Engine Nr. 804794	49	H0 710
	1.5 TD	10/87-03/93	15 DT (4EC1) Engine Nr. 804795→	49	H1 691
Corsa A Box	1.5 D	10/87-11/92	15 D (4EC1) →Engine Nr. 804794	37	H0 643
	1.5 D	10/87-11/92	15 D (4EC1) Engine Nr. 804795→	37	H1 692
Corsa A TR	1.5 D	10/87-11/92	15 D (4EC1) →Engine Nr. 804794	37	H0 643
	1.5 D	10/87-11/92	15 D (4EC1) Engine Nr. 804795→	37	H1 692
Corsa B	1.5 D	03/93-09/00	15 D (4EC1)	37	H1 920
	1.5 TD	03/93-09/00	15 DT (T4EC1), X 15 DT (T4EC1)	49	H1 920
	1.7 D	02/96-09/00	17 DT (4EE1), X 17 D (4EE1)	44	H1 920
Corsa B Box	1.7 D	08/99-09/00	17 D (4EE1), X 17 D (4EE1)	44	H1 920
Corsa C	1.3 CDTI	06/03-12/09	Z 13 DT	51	H1 859
	1.7 DI	09/00-	Y 17 DTL	48	H1 860
	1.7 DTI	09/00-	Y 17 DT	55	H1 860
	1.7 CDTI	06/03-	Z 17 DTH	74	H1 860
Corsa C Box	1.3 CDTI 16V	08/05-	Z 13 DT	51	H1 859
	1.7 DI 16V	09/00-	Y 17 DTL	48	H1 860
	1.7 DTI 16V	09/00-	Y 17 DT	55	H1 860
Corsa D	1.3 CDTI	07/06-	Z 13 DTJ	55	H1 859
	1.3 CDTI	07/06-	A 13 DTC	55	H1 394
	1.3 CDTI	07/06-	Z 13 DTH	66	H1 859
	1.3 CDTI	06/10-	A 13 DTR, Z 13 DTE, Z 13 DTR	70	H1 394
	1.7 CDTI	07/06-	Z 17 DTR	92	H1 860
	1.7 CDTI	06/10-	A 17 DTS	96	H5 016
Corsa D Box	1.3 CDTI	06/10-	A 13 DTR, Z 13 DTE, Z 13 DTR	70	H1 394
Corsa D Van	1.3 CDTI	07/06-	Z 13 DTJ	55	H1 859
	1.3 CDTI	07/06-	A 13 DTC	55	H1 394
	1.3 CDTI	07/06-	Z 13 DTH	66	H1 859
	1.3 CDTI	06/10-	A 13 DTC	70	H1 394
	1.3 CDTI	09/14-	B 13 DTC	55	H5 158
Corsa E	1.3 CDTI	09/14-	B 13 DTE, B 13 DTR	70	H5 158
	1.3 CDTI	01/15-	B 13 DTC	55	H5 158
Corsa E Van	1.3 CDTI	09/14-	B 13 DTE, B 13 DTR	70	H5 158
	1.3 CDTI	09/14-	B 13 DTE, B 13 DTR	70	H5 158
Frontera A	2.3 TD	03/92-02/95	23 DTR	74	H1 656
	2.5 TDS	06/96-10/98	25 TDS (VM41B)	85	H1 810
	2.8 TD	03/95-10/98	28 TDI (4JB1T)	83	H1 125
Frontera A Sport	2.5 TDS	09/96-10/98	25 TDS (VM41B)	85	H1 810
	2.8 TD	03/95-08/96	28 TDI (4JB1T)	83	H1 125
Frontera B	2.2 DTI	10/98-08/00	X 22 DTH, Y 22 DTH	85	H1 090
	2.2 DTI	09/00-09/02	X 22 DTH, Y 22 DTH	85	H1 112
	2.2 DTI	09/02-	Y 22 DTH	88	H1 112
Insignia	2.0 CDTI	07/08-	A 20 DTC, A 20 DTL, qty required:2	81	H1 396 *
	2.0 CDTI	07/08-	A 20 DT, A 20 DTJ, qty required:2	96	H1 396 *
	2.0 CDTI	07/08-	A 20 DTH, qty required:2	118	H1 396 *
	2.0 CDTI 4X4	06/10-	A 20 DTH, qty required:2	118	H1 396 *
	2.0 CDTI	07/13-	A 20 DTH, qty required:2	120	H1 396 *
	2.0 CDTI 4X4	07/13-	A 20 DTH, qty required:2	120	H1 396 *
Insignia Sports Tourer	2.0 CDTI	07/08-	A 20 DTC, A 20 DTL, qty required:2	81	H1 396 *

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Insignia Sports Tourer	2.0 CDTI	07/08-	A 20 DT, A 20 DTJ, qty required:2	96	H1 396 *
	2.0 CDTI	07/08-	A 20 DTH, qty required:2	118	H1 396 *
	2.0 CDTI 4X4	06/10-	A 20 DTH, qty required:2	118	H1 396
	2.0 CDTI	07/13-	A 20 DTH, qty required:2	120	H1 396 *
	2.0 CDTI 4X4	07/13-	A 20 DTH, qty required:2	120	H1 396 *
Kadett D (31_34_41_44)	1.6 D	03/82-08/84	16 D	40	H1 656
Kadett E	1.5 TD	07/88-08/91	15 DT (T4EC1) →Engine Nr.817252	53	H0 710
	1.5 TD	07/88-08/91	15 DT (T4EC1) Engine Nr. 817253→	53	H1 691
	1.6 D	09/84-01/89	16 D, 16 DA	40	H1 656
	1.7 D	02/89-08/91	17 D	42	H1 656
	1.7 D	07/92-07/94	17 DR	44	H1 656
Kadett E Box	1.6 D	08/84-08/88	16 D, 16 DA	40	H1 002
	1.7 D	08/88-09/92	17 D	42	H1 656
Kadett E Combo	1.6 D	01/86-12/89	16 DA	40	H1 656
	1.7 D	01/89-07/94	17 D	42	H1 656
	1.7 D	07/92-07/94	17 DR	44	H1 656
Kadett E Estate	1.5 TD	07/88-08/91	15 DT (T4EC1) →Engine Nr.817252	53	H0 710
	1.5 TD	07/88-08/91	15 DT (T4EC1) Engine Nr. 817253→	53	H1 691
	1.6 D	09/84-01/89	16 D, 16 DA	40	H1 656
	1.7 D	02/89-08/91	17 D	42	H1 656
	1.7 D	07/92-07/94	17 DR	44	H1 656
Kadett E Hatchback	1.5 TD	07/88-08/91	15 DT (T4EC1) →Engine Nr.817252	53	H0 710
	1.5 TD	07/88-08/91	15 DT (T4EC1) Engine Nr. 817253→	53	H1 691
	1.6 D	09/84-01/89	16 D, 16 DA	40	H1 656
	1.7 D	02/89-08/91	17 D	42	H1 656
	1.7 D	07/92-07/94	17 DR	44	H1 656
Meriva	1.3 CDTI	04/05-05/10	Z 13 DT, Y 13 DT	51	H1 859
	1.3 CDTI	09/03-05/10	Z 13 DTJ	55	H1 859
	1.7 DTI	09.03-05.10	Y 17 DTL	48	H1 860
	1.7 DTI	09/03-05.10	Y 17 DT	55	H1 860
	1.7 CDTI	09/03-05.10	Z 17 DTH, Z 17 DT	74	H1 860
	1.7 CDTI	09/06-05.10	Z 17 DTR, A 17 DTR	92	H1 860
Meriva B	1.3 CDTI	06/10-	A 13 DTC	55	H1 394
	1.3 CDTI	06/10-	Z 13 DTJ	55	H1 859
	1.3 CDTI	06/10-	A 13 DTE	70	H1 394
	1.6 CDTi	01/14-	B 16 DTC	70	H5 192
	1.6 CDTi	03/14-	B 16 DTL	81	H5 192
	1.6 CDTi	08/13-	B 16 DTH	100	H5 192
	1.7 CDTI	06/10-	A 17 DT	74	H1 860
	1.7 CDTI	06/10-	A 17 DTC	81	H5 016
	1.7 CDTI	06/10-	A 17 DTI	81	H1 860
	1.7 CDTI	06/10-	A 17 DTS	96	H5 016
Mokka	1.6 CDTI	01/15-	B 16 DTH	100	H5 192
	1.6 CDTI 4x4	01/15-	B 16 DTH	100	H5 192
	1.7 CDTI	06/12-	A 17 DTS	96	H5 016
	1.7 CDTI 4x4	06/12-	A 17 DTS	96	H5 016
Monterey A	3.1 TD	09/91-12/97	4 JG2TC	84	H1 691

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Monterey B	3.0 DTI	07/98-08/99	4 JX1	117	H1 918
Movano	1.9 DTI	09/00-10/01	F9Q 770	59	H1 825
	1.9 DTI	10/01-	F9Q 774	60	H1 825
	2.2 DTI	09/00-	G9T 720	66	H1 977
	2.5 DTI	10/01-	G9U 720	84	H1 977
	2.5 DTI	10/03-	G9U 754	73	H1 977
	2.5 DTI	10/03-	G9U 754	74	H1 977
	2.5 D	07/98-09/00	S8U 770	59	H1 126
	2.5 CDTI	08/06-	G9U 632/650	88	H1 977
	2.5 CDTI	08/06-	G9U 632/650	107	H1 977
	2.8 DTI	07/98-10/01	S9W 702	84	H0 903
	3.0 DTI	10/03-	ZD3 200, ZD3 202	100	H1 432
Movano B Box	2.3 CDTI (RWD)	01/13-	M9T 694/696/698	110	H5 126
	2.3 CDTI (RWD)	05/10-	M9T 694/696/698	107	H5 126
	2.3 CDTI (RWD)	05/10-	M9T 686/690/692	92	H5 126
	2.3 CDTI (RWD)	05/10-	M9T 690/692	74	H5 126
	2.3 CDTI FWD	01/13-	M9T 880	110	H5 126
	2.3 CDTI FWD	05/10-	M9T 678/680	107	H5 126
	2.3 CDTI FWD	05/10-	M9T 670/672/676	92	H5 126
	2.3 CDTI FWD	05/10-	M9T 670/672/676	74	H5 126
Movano B Bus	2.3 CDTI	05/14-	M9T 870	81	H5 126
	2.3 CDTI	01/13-	M9T 880	110	H5 126
	2.3 CDTI	12/10-	M9T 678/680	107	H5 126
	2.3 CDTI	12/10-	M9T 670/672/676	92	H5 126
	2.3 CDTI	12/10-	M9T 670/672/676	74	H5 126
	2.3 CDTI	12/10-	M9T 670/672/676	74	H5 126
Movano B Platform/Chassis	2.3 CDTI	05/10-	M9T 690/692	74	H5 126
	2.3 CDTI	05/10-	M9T 692/696/698	92	H5 126
	2.3 CDTI	01/13-	M9T 694/696/698	110	H5 126
	2.3 CDTI	05/10-	M9T 694/696/698	107	H5 126
	2.3 CDTI FWD	01/13-	M9T 880	110	H5 126
	2.3 CDTI FWD	05/10-	M9T 678/680	107	H5 126
	2.3 CDTI FWD	05/10-	M9T 670/672/676	92	H5 126
	2.3 CDTI FWD	05/10-	M9T 670/672/676	74	H5 126
	2.3 CDTI FWD	05/10-	M9T 670/672/676	74	H5 126
Omega A	2.3 D	09/86-03/94	23 YD	54	H1 656
	2.3 TD	09/86-08/88	23 YDT	66	H1 656
	2.3 TD Interc.	08/88-03/94	23 DTR	74	H1 656
Omega A Estate	2.3	09/86-03/94	23 YD	54	H1 656
	2.3 TD	09/86-08/88	23 YDT	66	H1 656
	2.3 TD Interc.	08/88-03/94	23 DTR	74	H1 656
Omega B	2.0 DTI 16V	9/97-09/00	X 20 DTH	74	H1 090
	2.2 DTI 16V	09/00-07/03	Y 22 DTH	81	H1 112
	2.2 DTI 16V	09/00-07/03	Y 22 DTH	88	H1 112
	2.5 TD	04/94-07/03	25 DT, X 25 DT, X 25 TD	96	H1 792
	2.5 DTI	09/01-07/03	Y 25 DT	110	H1 119
Omega B Estate	2.0 DTI 16V	9/97-09/00	X 20 DTH	74	H1 090
	2.2 DTI 16V	09/00-07/03	Y 22 DTH	81	H1 112
	2.2 DTI 16V	09/00-07/03	Y 22 DTH	88	H1 112



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Omega B Estate	2.5 TD	04/94-07/03	25 DT, X 25 DT, X 25 TD	96	H1 792
	2.5 DTI	09/01-07/03	Y 25 DT	110	H1 119
Rekord D	2.0 D	08/74-07/88	20 D	40	H0 610
	2.1 D	09/72-08/77	21 D	44	H0 610
Rekord D Estate	2.0 D	08/74-07/88	20 D	40	H0 610
	2.1 D	09/72-08/77	21 D	44	H0 610
Rekord E	2.0 D	09/77-10/82	20 D → Engine Nr. 90309	43	H0 610
	2.1 D	09/77-07/78	21 D	44	H0 610
	2.2 D	08/78-10/82	23 D → Engine Nr. 40018	48	H0 610
	2.2 D	11/82-08/86	23 D	52	H0 605
	2.2 TD	06/84-08/86	23 TD → Engine Nr. 121527	63	H1 656
Rekord E Estate	2.0 D	09/77-10/82	20 D → Engine Nr. 90309	43	H0 610
	2.1 D	09/77-07/78	21 D	44	H0 610
	2.2 D	08/78-08/83	23 D	48	H0 610
	2.3 D	11/82-08/86	23 D	52	H0 605
	2.2 TD	06/84-08/86	23 TD → Engine Nr. 121527	63	H1 656
Senator A	2.2 TD	11/84-08/87	23 TD, → Engine Nr. 40018	63	H0 610
	2.2 TD	11/84-08/87	23 TD, Engine Nr. 40019 →	63	H1 656
Signum	1.9 CDTI	08/05-09/08	Z 19 DT	74	H1 802
	1.9 CDTI	09/08-	Z 19 DT	74	H5 020
	1.9 CDTI	04/04-09/08	Z 19 DT	88	H1 802
	1.9 CDTI	09/08-	Z 19 DT	88	H5 020
	1.9 CDTI 16V	04/04-	Z 19 DTH	110	H1 816
	2.0 DTI 16V	05/03-	Y 20 DTH	74	H1 112
	2.2 DTI 16V	05/03-	Y 22 DTR	92	H1 112
	3.0 V6 CDTI	05/03-	Y 30 DT	130	H1 192
Sintra	3.0 V6 CDTI	09/05-	Z 30 DT	135	H1 192
	2.2 TDI	07/97-04/99	X 22 DTH	85	H1 090
Tigra Twin Top	1.3 CDTI	06/04-	Z 13 DT	51	H1 859
Vectra A Hatchback	1.7 D	09/88-09/92	17 D	42	H1 656
	1.7 D	07/92-11/95	17 DR	44	H1 656
	1.7 TD	03/90-11/95	17 DT (TC4EE1), X 17 DT (TC4EE1) → Engine Nr. 731417	60	H1 692
	1.7 TD	03/90-11/95	17 DT (TC4EE1), X 17 DT (TC4EE1) → Engine Nr. 731417	60	H1 920
Vectra A	1.7 D	09/88-09/92	17 D	42	H1 656
	1.7 D	07/92-11/95	17 DR	44	H1 656
	1.7 TD	03/90-11/95	17 DT (TC4EE1), X 17 DT (TC4EE1) → Engine Nr. 731417	60	H1 692
	1.7 TD	03/90-11/95	17 DT (TC4EE1), X 17 DT (TC4EE1) Engine Nr. 731417 →	60	H1 920
Vectra B	1.7 TD	10/95-12/98	X 17 DT (TC4EE1)	60	H1 920
	2.0 DI 16V	11/96-07/99	X 20 DTL	60	H1 091
	2.0 DI 16V	08/99-04/02	X 20 DTL	60	H1 090
	2.0 DTI 16V	06/97-08/00	X 20 DTH, Y 20 DTH	74	H1 090
	2.0 DTI 16V	09/00-04/02	X 20 DTH, Y 20 DTH	74	H1 112
	2.2 DTI 16V	09/00-04/02	Y 22 DTR	92	H1 112



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Vectra B Estate	2.0 DI 16V	11/96-07/99	X 20 DTL	60	H1 091
	2.0 DI 16V	08/99-04/02	X 20 DTL	60	H1 090
	2.0 DTI 16V	06/97-08/00	X 20 DTH, Y 20 DTH	74	H1 090
	2.0 DTI 16V	09/00-07/03	X 20 DTH, Y 20 DTH	74	H1 112
	2.2 DTI 16V	09/00-07/03	Y 22 DTR	92	H1 112
Vectra B Hatchback	1.7 TD	10/95-12/98	X 17 DT (TC4EE1)	60	H1 920
	2.0 DI 16V	11/96-07/99	X 20 DTL	60	H1 091
	2.0 DI 16V	08/99-04/02	X 20 DTL	60	H1 090
	2.0 DTI 16V	06/97-08/00	X 20 DTH, Y 20 DTH	74	H1 090
	2.0 DTI 16V	09/00-04/02	X 20 DTH, Y 20 DTH	74	H1 112
	2.2 DTI 16V	09/00-04/02	Y 22 DTR	92	H1 112
Vectra C	1.9 CDTI	10/05-	Z 19 DT	74	H1 802
	1.9 CDTI	04/04-07/07	Z 19 DT	88	H1 802
	1.9 CDTI	07/07-	Z 19 DT	88	H5 020
	1.9 CDTI	04/04-	Z 19 DTH	110	H1 816
	2.0 DTI 16V	08/02-	Y 20 DTH	74	H1 112
	2.2 DTI 16V	08/02-	Y 22 DTR	92	H1 112
	3.0 CDTI	06/03-	Y 30 DT	130	H1 192
	3.0 CDTI	08/05-	Z 30 DT	135	H1 192
Vectra C Estate	1.9 CDTI	10/05-	Z 19 DT	74	H1 802
	1.9 CDTI	04/04-	Z 19 DT	88	H1 802
	1.9 CDTI	04/04-	Z 19 DTH	110	H1 816
	2.0 DTI 16V	08/02-	Y 20 DTH	74	H1 112
	2.2 DTI 16V	08/02-	Y 22 DTR	92	H1 112
	3.0 CDTI	06/03-	Y 30 DT	130	H1 192
	3.0 CDTI	08/05-	Z 30 DT	135	H1 192
Vectra C GTS	1.9 CDTI	10/05-	Z 19 DT	74	H1 802
	1.9 CDTI	04/04-07/07	Z 19 DT	88	H1 802
	1.9 CDTI	07/07-	Z 19 DT	88	H5 020
	1.9 CDTI	04/04-	Z 19 DTH	110	H1 816
	2.0 DTI 16V	08/02-	Y 20 DTH	74	H1 112
	2.2 DTI 16V	08/02-	Y 22 DTR	92	H1 112
	3.0 CDTI	06/03-	Y 30 DT	130	H1 192
	3.0 CDTI	08/05-	Z 30 DT	135	H1 192
Vivaro	2.5 CDTI	08/06-	G9U 630	84	H1 977
	2.5 CDTI	08/06-	G9U 630	107	H1 977
Vivaro Box	1.9 DI	08/01-	F9Q 762	60	H1 825
	1.9 DTI	08/01-	F9Q 760	74	H1 825
	2.5 DTI	05/03	G9U 730	99	H1 977
Vivaro Box (F7)	2.0 CDTI	08/06-	M9R 692/780/784	84	H5 126
	2.0 CDTI	08/06-	M9R 630/780/782	66	H5 126
Vivaro Combi	1.9 DI	08/01-	F9Q 774	60	H1 825
	1.9 DTI	08/01-	F9Q 760	74	H1 825
	2.5 DTI	05/03	G9U 730	99	H1 977
Vivaro Combi (J7)	2.0 CDTI	08/06-	M9R 630/692/780	84	H5 126
	2.0 CDTI	08/06-	M9R 780/782/786	66	H5 126
Vivaro Platform/Chassis (E7)	1.6 CDTI	11/16-	R9M 452	92	H5 017



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Vivaro Platform/Chassis (E7)	1.6 CDTi	11/16-	R9M 452	107	H5 017
	2.0 CDTi	08/06-	M9R 630/780	84	H5 126
	2.0 CDTi	01/06-	M9R 630/780/782	66	H5 126
Vivaro	2.5 CDTi	08/06-	G9U 630	84	H1 977
	2.5 CDTi	08/06-	G9U 630	107	H1 977
Zafira	1.7 CDTi	01/08-	A 17 DTJ/Z 17 DTJ	81	H1 860
	1.7 CDTi	01/08-	A 17 DTR	92	H1 860
	1.9 CDTi	07/05-07/07	Z 19 DT	74	H1 802
	1.9 CDTi	07/07-	Z 19 DTL	74	H5 020
	1.9 CDTi	07/05-07/07	Z 19 DT	88	H1 802
	1.9 CDTi	07/07-	Z 19 DT	88	H5 020
	1.9 CDTi	07/05-	Z 19 DTH	110	H1 816
	2.0 DI 16V	10/99-06/05	X 20 DTL	60	H1 090
	2.0 DTi 16V	09/00-06/05	Y 20 DTH	74	H1 112
	2.2 DTi 16V	01/02-06/05	Y 22 DTR	92	H1 112
	2.0 DTi 16V	09/02-06/05	Y 20 DTH	74	H1 112
Zafira Tourer C	1.6 CDTi	02/13-	B 16 DTH	100	H5 192
	2.0 CDTi	10/11-	A 20 DTH	118	H1 396 *
	2.0 CDTi	10/11-	A 20 DTH	121	H1 396 *
	2.0 CDTi	10/11-	A 20 DTL	81	H1 396 *
	2.0 CDTi	10/11-	A 20 DT, Y 20 DTJ, Z 20 DTJ	96	H1 396 *

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Pick-up	600	ERK 1.9	H1 002
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106 I (1A, 1C)	1.4 D	09/92-04/96	K9Y (TUD3Y)	37	H1 638
	1.5 D	06/94-04/96	VJY (TUD5)	40	H5 114
	1.5 D	06/94-04/96	TUD5B	43	H5 114
106 II (1)	1.5 D	05/96-	VJY (TUD5)	40	H5 114
	1.5 D	04/98-	VJX (TUD5)	42	H5 114
107	1.4 HDi	06/05-	DV4	40	H1 737
205 I (741A/C)	1.7 Diesel	08/83-10/87	161A (XUD7)	44	H1 002
205 II (20A/C)	1.7 Diesel	07/87-09/98	161A (XUD7)	44	H1 002
	1.7 TD	01/90-09/98	A8B (XUD7TE)	57	H1 002
	1.9 Diesel	10/87-09/98	DJZ (XUD9Y)	47	H1 002
205 Box	1.7 Diesel	03/94-	161A (XUD7)	44	H1 002
206 (2A/C)	1.4 HDi eco 70	09/01-	8HX (DV4TD), 8HZ (DV4TD)	50	H1 737
	1.6 HDi FAP 110	05/04-	9HY (DV6TED)	80	H1 737
	1.9 D	09/98-11/01	WJZ (DW8)	51	H1 731
	2.0 HDi 90	12/99-	RHY (DW10TD)	66	H1 732
206 SW (2E/K)	1.4 HDi	07/02-	8HX (DV4TD)	50	H1 737
	1.6 HDi FAP 110	05/04-	9HY (DV6TED)	80	H1 737
	2.0 HDi	07/02-	RHY (DW10TD)	66	H1 732
206 CC (2D)	1.6 HDi FAP 110	04/05-	9HZ (DV6TED4)	80	H1 737
207	1.4 HDi	02/06-	DV4	50	H1 737
	1.6 HDi	02/06-	9HX (DV6ATED4)	66	H1 737
	1.6 HDi	02/06-	9HY (DV6TED4), 9HZ (DV6TED4)	80	H1 737
	1.6 HDi	11/09-	9HP (DV6DTEd)	68	H1 368

* ONLY FOR CYLINDER WITHOUT PRESSURE SENSOR!



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207	1.6 HDi 110	08/09-	9HR (DV6C)	82	H1 368
207 CC	1.6 HDi	02/07-	9HZ (DV6TED4)	80	H1 166
	1.6 HDi	08/09-	9HR (DV6C)	82	H1 368
207 SW	1.6 HDi	06/07-	9HX (DV6ATED4)	66	H1 166
	1.6 HDi	06/07-	9HZ (DV6TED4)	80	H1 166
	1.6 HDi	11/09-	9HP (DV6DTED)	68	H1 368
	1.6 HDi	08/09-	9HR (DV6C)	82	H1 368
207 Van	1.4 HDi	04/07-	8HZ (DV4TD)	50	H1 166
	1.6 HDi	04/07-	9HX (DV6ATED4)	66	H1 166
208	1.4 HDi	03/12-	8HP, 8HR (DV4C)	50	H1 368
	1.6 HDi	01/13-	9HK (DV6ETEDM)	55	H1 368
	1.6 HDi	03/12-	9HP (DV6DTED)	68	H1 368
	1.6 BlueHdi 100	01/15-	BHY (DV6FD)	73	H1 368
	1.6 HDi	03/12-	9HD (DV6CTED)	84	H1 368
	1.6 HDi	04/14-	BHX (DV6FC)	85	H1 368
	1.6 BlueHdi 120	11/13-	BHZ (DV6FC)	88	H1 368
3008	1.6 HDi	06/09-	9HZ (DV6TED4)	80	H1 166
	1.6 HDi	08/10-	9HR (DV6C)	82	H1 368
	1.6 HDi	03/13-	9HD (DV6CTED)	84	H1 368
	1.6 BlueHdi	05/14-	BHZ (DV6FC)	88	H1 368
	2.0 HDi	09/11-		100	H1 368
	2.0 HDi	06/09-	RHE (DW10CTED4)	110	H1 368
	2.0 HDi	06/09-	RHH (DW10CTED4)	120	H1 368
	2.0 HDi Hybrid4	02/11-	RHH (DW10CTED4)	120	H1 368
301	2.0 HDi Hybrid4	11/11-		147	H1 368
	1.6 HDi 90	11/12-	9HF /DV6DTED)	68	H1 368
	1.6 BlueHdi	04/14-		73	H1 368
304	1.4 D	10/76-10/79	XL 4D	33	H0 811
304 Break	1.4 D	10/76-10/79	XL 4D	33	H0 811
305 I (581A)	1.5 Diesel	11/77-09/82	149 (XID)	36	H1 002
305 I Break (581D)	1.5 Diesel	08/80-09/82	149 (XID)	36	H1 002
305 II (581M)	1.9 Diesel	10/82-07/88	162 (XUD9), D9A (XUD9)	47	H1 002
305 II Break (581E)	1.9 Diesel	10/82-12/88	162 (XUD9), D9A (XUD9)	47	H1 002
306 Hatchback (7A, 7C, N3, N5)	1.8 D	05/93-	A9A (XUD7)	43	H1 086
	1.9 D	09/98-05/01	WJY (DW8B), WJZ (DW8)	51	H1 731
	1.9 D	05/93-08/98	DJZ (XUD9Y)	47	H1 002
	1.9 D	09/98-	DJZ (XUD9Y)	47	H1 086
	1.9 D	06/94-08/98	DJY (XUD9A)	50	H1 002
	1.9 D	09/98-	DJY (XUD9A)	50	H1 086
	1.9 D	03/98-	DHV (XUD9BSD)	55	H1 086
	1.9 DT	05/93-08/98	DHY (XUD9TE)	66	H1 656
	1.9 DT	09/98-	DHY (XUD9TE)	66	H1 086
	2.0 HDi 90	06/99-	RHY (DW10TD)	66	H1 732
306 (7B, N3, N5)	1.8 D	05/93-05/01	A9A (XUD7)	43	H1 086
	1.9 D	09/98-05/01	WJY (DW8B), WJZ (DW8)	51	H1 731
	1.9 SLD	06/94-08/98	DJZ (XUD9Y)	47	H1 002
	1.9 SLD	09/98-05/01	DJZ (XUD9Y)	47	H1 086



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	1.9 SLD	06/94-08/98	DJY (XUD9A)	50	H1 002
	1.9 SLD	09/98-05/01	DJY (XUD9A)	50	H1 086
	1.9 D	03/98-05/01	DHV (XUD9BSD)	55	H1 086
	1.9 SRDT	06/94-08/98	DHY (XUD9TE)	66	H1 656
	1.9 SRDT	09/98-05/01	DHY (XUD9TE)	66	H1 086
	2.0 HDi 90	06/99-05/01	RHY (DW10TD)	66	H1 732
306 (7E, N3, N5) BREAK	1.9 D	09/98-04/02	WJY (DW8B), WJZ (DW8)	51	H1 731
	1.9 D	03/97-04/02	DJY (XUD9A)	50	H1 002
	1.9 D		DJY (XUD9A)	50	H1 086
	1.9 D	03/98-	DHV (XUD9BSD)	55	H1 086
	1.9 TD	02/97-04/02	DHY (XUD9TE)	66	H1 656
	1.9 TD		DHY (XUD9TE)	66	H1 086
	2.0 HDi 90	06/99-	RHY (DW10TD)	66	H1 732
307 (3A/C)	1.4 HDi	10/01-	8HX (DV4TD), 8HZ (DV4TD)	50	H1 737
	1.6 HDi	04/05-	DV6	66	H1 737
	1.6 HDi FAP 110	02/04-	9HY (DV6TED4)	80	H1 737
	2.0 HDi 90	08/00-	RHY (DW10TD)	66	H1 732
	2.0 HDi FAP 110	08/00-	RHS (DW10ATED4)	79	H1 732
	2.0 HDi FAP 135	10/03-	RHR (DW10BTED4)	100	H1 992
307 CC (3B)	2.0 HDi FAP 135	06/05-	RHR (DW10BTED4)	100	H1 992
307 Break (3E)	1.6 HDi	04/05-	DV6	66	H1 737
	1.6 HDi FAP 110	02/04-	9HY (DV6TED4)	80	H1 737
	2.0 HDi 90	03/02-	RHY (DW10TD)	66	H1 732
	2.0 HDi FAP 110	03/02-	RHS (DW10ATED4)	79	H1 732
	2.0 HDi FAP 135	02/04-	RHR (DW10BTED4)	100	H1 992
307 SW (3H)	1.6 HDi FAP 110	02/04-	9HY (DV6TED4)	80	H1 737
	2.0 HDi 90	03/02-	RHY (DW10TD)	66	H1 732
	2.0 HDi FAP 110	03/02-	RHS (DW10ATED4)	79	H1 732
	2.0 HDi FAP 135	02/04-	RHR (DW10BTED4)	100	H1 992
308	1.6 HDi	09/07-	9HX (DV6ATED4) / 9HV (DV6ATED4)	66	H1 166
	1.6 HDi	09/07-	9HZ (DV6TED4)	80	H1 166
	1.6 HDi	12/09-	9HR (DV6C)	82	H1 368
	1.6 HDi	11/09-	9HP (DV6DTED)	68	H1 368
	1.6 HDi	03/13-		84	H1 368
	2.0 HDi	09/07-	RHR (DW10BTED4)	100	H1 992
	2.0 HDi	10/11-	RHE (DW10CTED4)	110	H1 368
	2.0 HDi	04/12-	RHH (DW10CTED4)	120	H1 368
308 CC	1.6 HDi	06/09-	9HR (DV6C)	82	H1 368
	1.6 HDi	03/13-		84	H1 368
	2.0 HDi	06/09-	RHH (DW10CTED4)	120	H1 368
	2.0 HDi	04/09-	RHR (DW10BTED4)	100	H1 992
	2.0 HDi	04/09-	RHR (DW10BTED4)	103	H1 992
308 SW	1.6 HDi	12/09-	9HR (DV6C)	82	H1 368
	1.6 HDi	11/09-	9HP (DV6DTED)	68	H1 368
	1.6 HDi	03/13-		84	H1 368
	1.6 HDi	09/07-	9HX (DV6ATED4) / 9HV (DV6ATED4)	66	H1 166
	1.6 HDi	09/07-	9HZ (DV6TED4)	80	H1 166



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308 SW	2.0 HDi	10/11-	RHE (DW10CTED4)	110	H1 368
	2.0 HDi	06/09-	RHH (DW10CTED4)	120	H1 368
	2.0 HDi	09/07-	RHR (DW10BTED4)	100	H1 992
	2.0 HDi	09/07-	RHR (DW10BTED4)	103	H1 992
308 II	1.6 HDi	09/13-		68	H1 368
	1.6 HDi 100	04/14-	BHY (DV6FD)	73	H1 368
	1.6 HDi	09/13-	9HC (DV6C), BHZ (DV6FC)	85	H1 368
	1.6 HDi 120	11/13-	DHZ (DV6FC)	88	H1 368
	2.0 HDi 150	11/13-		110	H1 368
	2.0 GT HDi 180	06/14-		133	H1 368
308 II SW	1.6 HDi 92	03/14-		68	H1 368
	1.6 BlueHDi 100	04/14-	BHY (DV6FD)	73	H1 368
	1.6 HDi 115	03/14-	9HC (DV6C), BHZ (DV6FC)	85	H1 368
	1.6 BlueHDi 120	03/14-	BHZ (DV6FC)	88	H1 368
	2.0 BlueHDi 150	03/14-		110	H1 368
	2.0 BlueHDi 180	06/14-		132	H1 368
	2.0 GT BlueHDi 180	06/14-		133	H1 368
309 I (10C, 10A)	1.9 D	06/86-07/89	162 (XUD9), D9A (XUD9)	47	H1 002
309 II (3C, 3A)	1.8 Diesel	07/89-12/93	161A (XUD7)	44	H1 002
	1.8 TurboDiesel	08/89-12/93	A8B (XUD7TE)	57	H1 002
	1.9 Diesel	07/89-12/93	162 (XUD9), D9A (XUD9), DJZ (XUD9Y)	47	H1 002
404	1.9 D	01/63-12/75	XD 4/88	42-47	H0 611
405 I (15B)	1.8 TD	03/88-12/92	A8A (XUD7TE), AJZ (XUD7TEY)	66	H1 002
	1.9 Diesel	07/88-09/92	DJZ (XUD9Y)	47	H1 002
	1.9 Diesel	03/88-12/92	D9B (XUD9A)	51	H1 002
405 I Break (15E)	1.8 TD	10/88-08/92	A8A (XUD7TE), AJZ (XUD7TEY)	66	H1 002
	1.9 Diesel	10/88-08/92	DJZ (XUD9Y)	47	H1 002
	1.9 Diesel	10/88-08/92	D9B (XUD9A), DJY (XUD9A)	51	H1 002
405 II (4B)	1.9 D	08/92-10/95	DJZ (XUD9Y)	47	H1 656
	1.9 D	06/94-10/95	DJY (XUD9A)	50	H1 002
	1.9 TD	08/92-10/95	DHY (XUD9TE)	66	H1 656
405 II Break (4E)	1.9 D	08/92-10/96	DJZ (XUD9Y)	47	H1 656
	1.9 D	06/94-10/96	DJY (XUD9A)	50	H1 002
	1.9 TD	08/92-10/96	DHY (XUD9TE)	66	H1 656
406 (8B)	1.9 TD	01/96-08/98	DHX (XUD9TE)	66	H1 656
	1.9 TD	09/98-05/04	DHX (XUD9TE)	66	H1 086
	1.9 TD	01/96-08/98	DHY (XUD9TE)	68	H1 656
	1.9 TD	09/98-05/04	DHY (XUD9TE)	68	H1 086
	2.0 HDi 90	02/99-05/04	RHY (DW10TD)	66	H1 732
	2.0 HDi FAP 110	08/01-05/04	RHS (DW10ATED4)	79	H1 732
	2.0 HDi 110	06/98-08/01	RHZ (DW10ATED)	80	H1 732
	2.1 TD 12V	01/96-08/98	P8C (XUD11BTE)	80	H1 656
	2.1 TD 12V	09/98-05/04	P8C (XUD11BTE)	80	H1 086
	2.2 HDi FAP	03/00-05/04	4HX (DW12TED4/FAP)	98	H1 732
406 Break (8E/F)	1.9 D	10/96-08/98	DHW (XUD9SD)	55	H1 656
	1.9 D	09/98-05/04	DHW (XUD9SD)	55	H1 086
	1.9 TD	10/96-08/98	DHX (XUD9TE)	66	H1 656



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406 Break (8E/F)	1.9 TD	09/98-05/04	DHX (XUD9TE)	66	H1 086
	1.9 TD	01/96-08/98	DHY (XUD9TE)	68	H1 656
	1.9 TD	09/98-05/04	DHY (XUD9TE)	68	H1 086
	2.0 HDi 90	02/99-05/04	RHY (DW10TD)	66	H1 732
	2.0 HDi FAP 110	08/01-05/04	RHS (DW10ATED4)	79	H1 732
	2.0 HDi 110	02/99-	RHZ (DW10ATED)	80	H1 732
	2.1 TD 12V	10/96-08/98	P8C (XUD11BTE)	80	H1 656
	2.1 TD 12V	09/98-05/04	P8C (XUD11BTE)	80	H1 086
	2.2 HDi FAP	03/00-05/04	4HX (DW12TED4/FAP)	98	H1 732
406 Coupe (8C)	2.2 HDi FAP	03/00-	4HX (DW12TED4/FAP)	98	H1 732
407	1.6 HDi FAP 110	05/04-	9HY (DV6TED4)	80	H1 737
	2.0 HDi FAP 135	05/04-	RHR (DW10BTED4)	100	H1 992
	2.0 HDi	02/10-	RHE (DW10CTED4)	110	H1 368
	2.0 HDi	07/09-	RHH (DW10CTED4)	120	H1 368
	2.2 HDi	06/08-	4HP (DW12BTED4)	120	H1 193
	2.2 HDi FAP 170	05/06-	4HT (DW12BTED4)	125	H1 193
	2.7 HDi	10/05-	UHZ (DT17)	150	H1 944
407 Coupe	2.7 HDi	10/05-	UHZ (DT17)	150	H1 944
	2.0 HDi	02/10-	RHE (DW10CTED4)	110	H1 368
	2.0 HDi	06/09-	RHH (DW10CTED4)	120	H1 368
	3.0 Hd	06/09	DT20C	177	H5 150
407 SW	1.6 HDi FAP 110	05/04-	9HY (DV6TED4)	80	H1 737
	2.0 HDi FAP 135	05/04-	RHR (DW10BTED4)	100	H1 992
	2.0 HDi	02/10-	RHE (DW10CTED4)	110	H1 368
	2.0 HDi	07/09-	RHH (DW10CTED4)	120	H1 368
	2.2 HDi	06/08-	4HP (DW12BTED4)	120	H1 193
	2.2 HDi FAP 170	05/06-	4HT (DW12BTED4)	125	H1 193
	2.7 HDi	10/05-	UHZ (DT17)	150	H1 944
504	1.9 D (M20)	03/73-05/78	XD4X88	40	H0 611
	1.9 D (M20)	06/78-07/86	XD4X88	40	H0 605
	2.1 D (A20. M20)	02/71-05/78	XD4X90	48	H0 611
	2.1 D (A20. M20)	06/78-04/81	XD4X90	48	H0 605
	2.1 D (A20. M20)	05/81-07/86	XD4X90	48	H1 002
	2.4 D	07/75-05/78	134 (XD2)	51	H0 611
	2.4 D	06/78-04/81	134 (XD2)	51	H0 605
	2.4 D	05/81-12/83	134 (XD2)	51	H1 002
504 Break	2.1 D (E20. F20)	04/71-05/78	XD4X90	48	H0 611
	2.1 D (E20. F20)	06/78-04/81	XD4X90	48	H0 605
	2.1 D (E20. F20)	05/81-07/86	XD4X90	48	H1 002
	2.3 D (D40. F40)	07/75-05/78	134 (XD2)	51	H0 611
	2.3 D (D40. F40)	06/78-04/81	134 (XD2)	51	H0 605
	2.3 D (D40. F40)	05/81-07/86	134 (XD2)	51	H1 002
504 Pickup	1.9 D	01/80-12/89	XD4X88	40	H0 605
	2.3 D (D40. F40)	01/80-04/81	134 (XD2)	51	H0 605
	2.3 D (D40. F40)	05/81-12/89	134 (XD2)	51	H1 002
505 (551A)	2.3 Turbo Diesel	09/80-08/81	147 (XD2S)	59	H0 605
	2.3 Turbo Diesel	09/81-06/86	147 (XD2S)	59	H1 002



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505 (551A)	2.5 Diesel	10/81-11/90	155 (XD3)	51	H1 002
	2.5 Diesel	06/81-12/93	155 (XD3)	55	H1 002
	2.5 Turbo Diesel	10/83-12/93	152A (XD3T)	66	H1 002
	2.5 Turbo Diesel	10/86-12/93	152B (XD3TE)	77	H1 002
505 Break (551D)	2.3 Diesel	04/82-06/86	147 (XD2S)	59	H1 002
	2.5 Diesel	01/86-12/93	155 (XD3)	51	H1 002
	2.5 Diesel	08/83-12/93	155 (XD3)	55	H1 002
	2.5 Turbo Diesel	10/85-11/87	152A (XD3T)	66	H1 002
	2.5 Turbo Diesel	10/86-12/93	152B (XD3TE)	77	H1 002
508	1.6 HDi	11/10-	9HR (DV6C)	82	H1 368
	1.6 HDi	02/12-	9HD (DV6CTED)	84	H1 368
	1.6 HDi	09/14-	BHX (DV6FC)	85	H1 368
	1.6 BlueHDi 120	03/14-	BHZ (DV6FC)	88	H1 368
	2.0 HDi	11/10-	RHF (DW10BTED4)	103	H1 992
	2.0 HDi	11/10-	RHR (DW10BTED4)	100	H1 992
	2.0 BlueHDi 150	04/14-	AHX (DW10FD)	110	H1 368
	2.0 HDi	11/10-	RHH (DW10CTED4)	120	H1 368
	2.0 HDi Hybrid4 AWC	11/10-	RHC (DW10CTED4)	120	H1 368
	2.0 BlueHDi 180	04/14-	AHW (DW10FC)	133	H1 368
	2.0 HDi Hybrid4 AWC	11/10-	RHC (DW10CTED4)	147	H1 368
	2.2 HDi	11/10-	4HL (DW12C)	150	H1 369
508 SW	1.6 HDi	11/10-	9HR (DV6C)	82	H1 368
	1.6 HDi	02/12-	9HD (DV6CTED)	84	H1 368
	1.6 HDi	09/14-	BHX (DV6FC)	85	H1 368
	1.6 BlueHDi 120	03/14-	BHZ (DV6FC)	88	H1 368
	2.0 HDi	11/10-	RHR (DW10BTED4)	100	H1 992
	2.0 HDi	11/10-	RHF (DW10BTED4)	103	H1 992
	2.0 BlueHDi 150	04/14-	AHX (DW10FD)	110	H1 368
	2.0 HDi	11/10-	RHH (DW10CTED4)	120	H1 368
	2.0 HDi Hybrid4 AWC	11/10-	RHC (DW10CTED4)	120	H1 368
	2.0 BlueHDi 180	04/14-	AHW (DW10FC)	133	H1 368
	2.0 HDi RXH Hybrid4	12/11-	RHC (DW10CTED4)	147	H1 368
	2.2 HDi	11/10-	4HL (DW12C)	147	H1 369
604	2.3 TD	09/79-08/81	147 (XD2S)	59	H0 605
	2.3 TD	09/81-05/83	147 (XD2S)	59	H1 002
	2.5 TD	08/83-12/86	152A (XD3T)	66	H1 002
605 (6B)	2.1 Turbo Diesel	06/89-09/99	PHZ (XUD11ATE)	80	H1 656
	2.1 TD 12V	08/94-08/98	P8C (XUD11BTE)	80	H1 656
	2.1 TD 12V	09/98-09/99	P8C (XUD11BTE)	80	H1 086
	2.1 D	06/89-07/95	P9A (XUD11A)	60	H1 002
	2.5 Turbo Diesel	07/94-09/99	THY (DK5ATE)	95	H1 656
607 (9D, 9U)	2.0 HDi	03/01-07/04	RHS (DW10ATED4)	79	H1 732
	2.0 HDi	05/00-	RHZ (DW10ATED)	80	H1 732
	2.0 HDi	09/05-	RHR (DW10BTED4)	100	H1 992
	2.2 HDi	02/00-	4HX (DW12TED4/FAP)	98	H1 732
	2.2 HDi	05/06-	4HT (DW12BTED4)	125	H1 193
	2.7 HDi 24V	12/04-	DT17TED4	150	H1 944



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806 (221)	1.9 TD	07/95-08/98	DHX (XUD9TE)	66	H1 656
	1.9 TD	09/98-08/02	DHX (XUD9TE)	66	H1 086
	1.9 TD	05/97-08/98	DHY (XUD9TE)	68	H1 656
	1.9 TD	09/98-08/02	DHY (XUD9TE)	68	H1 086
	2.0 HDi	08/99-08/02	RHZ (DW10ATED)	80	H1 732
	2.0 HDi 16V	08/99-08/02	RHW (DW10ATED4)	80	H1 732
	2.1 TD 12V	06/96-08/98	P8C (XUD11BTE)	80	H1 656
	2.1 TD 12V	09/98-08/99	P8C (XUD11BTE)	80	H1 086
807	2.0 HDi FAP	06/02-	RHS (DW10ATED4)	79	H1 732
	2.0 HDi	06/06-	RHR (DW10BTED4)	100	H1 732
	2.0 HDi FAP	06/02-	4HX (DW12TED4/FAP)	94	H1 732
	2.0 HDi	11/06-	RHK (DW10UTED4)	88	H1 992
	2.2 HDi	06/06-	4HT (DW12BTED4)	125	H1 193
	2.0 HDi	06/09-	RHH (DW10CTED4)	120	H1 368
Bipper	1.3 HDi 75	10/10-	199 A9.000	55	H5 025
	1.4 HDi	02/08-	8HS (DV4TD)	50	H1 166
Bipper Tepee	1.3 HDi 75	10/10-	199 A9.000	55	H5 025
	1.4 HDi	04/08-	8HS (DV4TD)	50	H1 166
BOXER Box	2.2 HDi 110	03/11-	4HG (P22DTE)	81	H5 015
	2.2 HDi 130	03/11-	4HH (P22DTE)	96	H5 015
	2.2 HDi 150	03/11-	4HJ (P22DTE)	110	H5 015
	3.0 HDi 160	04/06-	F1CE0481D	116	H1 815
	3.0 HDi 145	04/10-		107	H1 815
	3.0 HDi 175	03/11-	F1CE0481D	130	H1 815
BOXER Bus	2.2 HDi 110	03/11-	4HG (P22DTE)	81	H5 015
	2.2 HDi 130	03/11-	4HH (P22DTE)	96	H5 015
	2.2 HDi 150	03/11-	4HJ (P22DTE)	110	H5 015
	3.0 HDi 160	04/06-	F1CE0481D	116	H1 815
	3.0 HDi 145	04/10-		107	H1 815
	3.0 HDi 175	03/11-	F1CE0481D	130	H1 815
BOXER Box (230L)	1.9 D	07/99-04/02	DJY (XUD9A)	50	H1 086
	1.9 D	03/94-08/98	D8C (XUD9AU)	51	H1 656
	1.9 D	09/98-04/02	D8C (XUD9AU)	51	H1 086
	1.9 TD	07/99-04/02	XUD9TE	66	H1 086
	1.9 TD	03/94-08/98	D8C (XUD9UTF)	68	H1 656
	1.9 TD	09/98-04/02	D8C (XUD9UTF)	68	H1 086
	2.0 HDi	08/01-04/02	RHV (DW10UTD)	62	H1 732
	2.5 D	03/94-04/02	T9A (DJ5)	63	H1 656
	2.5 D 4X4	07/99-04/02	T9A (DJ5)	63	H1 656
	2.5 TD	03/94-04/02	T8A (DJ5T)	76	H1 656
	2.5 TDI	01/97-04/02	THX (DJ5TED)	79	H1 693
	2.5 TDI 4X4	07/99-04/02	THX (DJ5TED)	79	H1 693
	2.8 HDi	11/00-04/02	8140.43S	94	H1 808
BOXER Bus (230P)	1.9 D	03/94-08/98	D8C (XUD9AU)	51	H1 656
	1.9 D	09/98-04/02	D8C (XUD9AU)	51	H1 086
	1.9 TD	08/94-08/98	DHY (XUD9TE)	66	H1 656
	1.9 TD	09/98-04/02	DHY (XUD9TE)	66	H1 086



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BOXER Bus (230P)	1.9 TD	03/94-08/98	D8C (XUD9UTF)	68	H1 656
	1.9 TD	09/98-04/02	D8C (XUD9UTF)	68	H1 086
	1.9 TD 4X4	07/96-08/98	D8C (XUD9UTF)	68	H1 656
	1.9 TD 4X4	09/98-04/02	D8C (XUD9UTF)	68	H1 086
	2.5 D	08/94-04/02	T9A (DJ5)	63	H1 656
	2.5 D 4X4	07/96-04/02	T9A (DJ5)	63	H1 656
	2.5 TD	07/94-04/02	T8A (DJ5T)	76	H1 656
	2.5 TD 4X4	07/96-04/02	T8A (DJ5T)	76	H1 656
	2.5 TDI	01/97-04/02	THX (DJ5TED)	79	H1 693
	2.5 TDI 4X4	01/97-04/02	THX (DJ5TED)	79	H1 693
	2.8 HDi	11/00-04/02	8140.43S	94	H1 808
	2.8 HDi	11/00-04/02	8140.43S	94	H1 808
BOXER Box (244)	2.0 HDi	04/02-	RHV (DW10UTD)	62	H1 732
	2.2 HDi	04/02-	4HY (DW12UTED)	74	H1 732
	2.8 HDi	04/02-	8140.43S	94	H1 808
	2.8 HDi 4X4	04/02-	8140.43S	94	H1 808
	2.8 HDi	04/04-	8140.43N	107	H1 808
BOXER Bus (244, Z_)	2.0 HDi	04/02-	RHV (DW10UTD)	62	H1 732
	2.2 HDi	04/02-	4HY (DW12UTED)	74	H1 732
	2.8 HDi	04/02-	8140.43S	94	H1 808
	2.8 HDi 4X4	04/02-	8140.43S	94	H1 808
BOXER Flated/Chassis (244)	2.0 HDi	04/02-	RHV (DW10UTD)	62	H1 732
	2.2 HDi	04/02-	4HY (DW12UTED)	74	H1 732
	2.8 HDi	04/02-	8140.43S	94	H1 808
	2.8 HDi 4X4	04/02-	8140.43S	94	H1 808
	2.8 HDi	04/04-		107	H1 808
BOXER Flated/Chassis (ZCT)	1.9 TD	12/98-04/02	DHY (XUD9TE)	66	H1 086
	1.9 TD	07/96-08/98	D8C (XUD9UTF)	68	H1 656
	1.9 TD	09/98-04/02	D8C (XUD9UTF)	68	H1 086
	2.5 D	03/94-04/02	T9A (DJ5)	63	H1 656
	2.5 D 4X4	07/99-04/02	T9A (DJ5)	63	H1 086
	2.5 TD	03/94-04/02	T8A (DJ5T)	76	H1 656
	2.5 TDI	01/97-04/02	THX (DJ5TED)	79	H1 693
	2.5 TDI 4X4	07/99-04/02	THX (DJ5TED)	79	H1 693
	2.8 HDi	11/00-04/02	8140.43S	94	H1 808
BOXER Platform/chassis	2.2 HDi 110	03/11-	4HG (P22DTE)	81	H5 015
	2.2 HDi 130	03/11-	4HH (P22DTE)	96	H5 015
	2.2 HDi 150	03/11-	4HJ (P22DTE)	110	H5 015
	3.0 HDi 160	04/06-	F1CE0481D	116	H1 815
	3.0 HDi 145	04/10-		107	H1 815
	3.0 HDi 175	03/11-	F1CE0481D	130	H1 815
1007	1.4 HDi	04/05-	8HX (DV4TD), 8HZ (DV4TD)	50	H1 737
	1.6 HDi	06/07-	9HZ (DV6TED4)	80	H1 166
2008	1.4 HDi	06/13-	8HR (DV4C)	50	H1 368
	1.6 BlueHDi 75	01/15-	BHW (DV6FE)	55	H1 368
	1.6 BlueHDi 100	01/15-	BHY (DV6FD)	73	H1 368
	1.6 BlueHDi 120	07/14-	BHZ (DV6FC)	88	H1 368



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2008	1.6 HDi	03/13-	9HP (DV6DTEd)	68	H1 368
	1.6 HDi	03/13-	9HD (DV6CTED)	84	H1 368
	1.6 HDi	07/14-	BHX (DV6FC)	85	H1 368
3008	SUV1.6 BlueHDi 100	11/16-	BHY (DV6FD)	73	H1 368
	SUV1.6 BlueHDi 115	11/16-	BHX (DV6FC)	85	H1 368
	2.0 BlueHDi 136	11/16-		100	H1 368
4007	2.2 HDi	02/07-	4HN, 4HK (DW12MTED4)	115	H1 193
4008	1.6 HDi AWC	05/12-	9HD (DV6CTED)	84	H1 368
5008	1.6 HDi	09/09-	9HZ (DV6TED4)	80	H1 166
	1.6 HDi	08/10-	9HR (DV6C)	82	H1 368
	1.6 HDi	03/13-	9HD (DV6CTED)	84	H1 368
	1.6 HDi	05/14-		88	H1 368
	2.0 HDi	06/09-	RHE (DW10CTED4)	110	H1 368
	2.0 HDi	02/12-		100	H1 368
	2.0 HDi	09/09-	RHH (DW10CTED4)	120	H1 368
EXPERT (224)	1.9 D	02/96-08/98	D9B (XUD9AU)	51	H1 656
	1.9 D	09/98-	D9B (XUD9AU)	51	H1 086
	1.9 TD	02/96-08/98	DHX (XUD9TE)	66	H1 656
	1.9 TD	09/98-	DHX (XUD9TE)	66	H1 086
	1.9 TD	02/96-08/98	D8B (XUD9TE)	68	H1 656
	1.9 TD	09/98-	D8B (XUD9TE)	68	H1 086
	2.0 HDi	07/00-	RHZ (DW10ATED)	80	H1 723
	2.0 HDi	07/00-	RHW (DW10ATED4)	80	H1 723
EXPERT Box (222)	1.9 D 70	12/98-	WJY (DW8B), WJZ (DW8)	51	H1 731
	1.9 D	02/96-08/98	D9B (XUD9AU)	51	H1 656
	1.9 D	09/98-	D9B (XUD9AU)	51	H1 086
	1.9 TD	02/96-08/98	DHX (XUD9TE)	66	H1 656
	1.9 TD	09/98-	DHX (XUD9TE)	66	H1 086
	1.9 TD	02/96-08/98	D8B (XUD9TE)	68	H1 656
	1.9 TD	09/98-	D8B (XUD9TE)	68	H1 086
	2.0 HDi 130	03/11-		94	H1 368
	2.0 HDi 165	09/09-	RHH (DW10CTED4)	120	H1 368
	2.0 HDi	07/00-	RHX (DW10BTED)	69	H1 723
	2.0 HDi	07/00-	RHZ (DW10ATED)	80	H1 723
	2.0 HDi	07/00-	RHW (DW10ATED4)	80	H1 723
EXPERT Flatbed/Chassis (223)	1.9 D	02/96-08/98	D9B (XUD9AU)	51	H1 656
	1.9 D	09/98-	D9B (XUD9AU)	51	H1 086
	1.9 TD	02/96-08/98	DHX (XUD9TE)	66	H1 656
	1.9 TD	09/98-	DHX (XUD9TE)	66	H1 086
	1.9 TD	02/96-08/98	D8B (XUD9TE)	68	H1 656
	1.9 TD	09/98-	D8B (XUD9TE)	68	H1 086
EXPERT Platform/Chassis	1.6 BlueHDi 95	09/16	BHV (DV6FDU)	70	H1 368
	2.0 BlueHDi 120	09/16		90	H1 368
	2.0 BlueHDi 150	09/16	AHX (DW10FD)	110	H1 368
EXPERT Tepee	1.6 HDi 90 16V	01/07-	9HU (DV6UTED4)	66	H1 166
	1.6 HDi 90 8V	12/10-	9HH (DV6DUM), 9HM (DV6UC)	66	H1 368



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EXPERT Tepee	2.0 HDi 100	03/11-	AHY (DW10CE)	72	H1 368
	2.0 HDi 120	01/07-	RHK (DW10UTED4)	88	H1 992
	2.0 HDi 120 4x4	01/07-	RHK (DW10UTED4)	88	H1 992
	2.0 HDi 130	03/11-	AHZ (DW10CD)	94	H1 368
	2.0 HDi 130 4x4	03/11-	AHZ (DW10CD)	94	H1 368
	2.0 HDi 140	01/07-	RHR (DW10BTED4)	100	H1 992
	2.0 HDi 165	09/09-	RHH (DW10CTED4)	120	H1 368
J5 Bus (280P)	2.5 D	09/81-09/90	CRD93 (U25/661)	54	H0 605
J5 Flatbed/Chassis (280L)	2.5 D	09/81-09/90	CRD93 (U25/661)	54	H0 605
J5 Bus (290P)	1.9 D	10/90-02/94	D9B (XUD9AU)	51	H1 002
	2.5 D	10/90-06/91	CRD93 (U25/661)	54	H0 605
	2.5 D	07/91-02/94	CRD93 (U25/661)	54	H1 002
	2.5 D 4X4	10/90-06/91	CRD93 (U25/661)	54	H0 605
	2.5 D 4X4	07/91-02/94	CRD93 (U25/661)	54	H1 002
	2.5 TD	10/90-06/91	CRD93LS (U25/673)	70	H0 605
	2.5 TD	07/91-02/94	CRD93LS (U25/673)	70	H1 002
	2.5 TD 4X4	10/90-06/91	CRD93LS (U25/673)	70	H0 605
	2.5 TD 4X4	07/91-02/94	CRD93LS (U25/673)	70	H1 002
J5 Box (290L)	1.9 D	10/90-03/94	D9B (XUD9AU)	51	H1 002
	2.5 D 4X4	10/90-06/91	CRD93 (U25/661)	54	H0 605
	2.5 D 4X4	07/91-03/94	CRD93 (U25/661)	54	H1 002
	2.5 TD 4X4	10/90-06/91	CRD93LS (U25/673)	70	H0 605
	2.5 TD 4X4	07/91-	CRD93LS (U25/673)	70	H1 002
J5 Flatbed/Chassis (290L)	1.9 D	10/90-02/94	D9B (XUD9AU)	51	H1 002
	2.5 D	09/81-	CRD93 (U25/661)	54	H0 605
	2.5 D	10/90-02/94	CRD93 (U25/661)	54	H1 002
	2.5 D 4X4	09/81-	CRD93 (U25/661)	54	H0 605
	2.5 D 4X4	10/90-02/94	CRD93 (U25/661)	54	H1 002
	2.5 TD	10/90-06/91	CRD93LS (U25/673)	70	H0 605
	2.5 TD	07/91-02/94	CRD93LS (U25/673)	70	H1 002
	2.5 TD 4X4	10/90-06/91	CRD93LS (U25/673)	70	H0 605
	2.5 TD 4X4	07/91-02/94	CRD93LS (U25/673)	70	H1 002
J7 Box	1.9 D	08/68-07/78	XDP88	40	H0 611
	2.1 D	08/68-07/77	XDP90	42	H0 611
	2.3 D	07/77-10/79	XD2P94	49	H0 611
	2.3 D	11/79-03/80	XD2P94	49	H1 656
J7 Bus	1.9 D	08/68-07/78	XDP88	40	H0 611
	2.1 D	08/68-07/77	XDP90	42	H0 611
	2.3 D	07/77-10/79	XD2P94	49	H0 611
	2.3 D	11/79-03/80	XD2P94	49	H1 656
J7 Flatbed/Chassis	1.9 D	08/68-07/78	XDP88	40	H0 611
	2.1 D	08/68-07/77	XDP90	42	H0 611
	2.3 D	07/77-10/79	XD2P94	49	H0 611
	2.3 D	11/79-03/80	XD2P94	49	H1 656
J9 Box	2.1 D	03/80-06/87	XD2PX90	41	H1 002
	2.3 D	03/80-07/82	XD2PX94	49	H1 002
	2.5 D	07/82-06/87	XD3P	53	H1 002



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**PEUGEOT**

J9 Bus	2.3 D	03/80-07/82	XD2PX94	49	H1 002
	2.5 D	08/82-06/87	XD3P	53	H1 002
J9 Flatbed/Chassis	2.3 D	03/80-07/82	XD2PX94	49	H1 002
	2.5 D	07/82-06/87	XD3P	53	H1 002
PARTNER Combispace (5F)	1.6 HDi	04/08-	9HT (DV6BTED4)	55	H1 166
	1.6 HDi 75	02/06-	9HW (DV6BTED4)	55	H1 166
	1.6 HDi 90	02/06-		66	H1 166
	1.9 D	06/96-08/98	DJY (XUD9A)	50	H1 656
	1.9 D	09/98-	DJY (XUD9A)	50	H1 086
	1.9 D	12/98-	WJY (DW8B). WJZ (DW8)	51	H1 731
	2.0 HDi	02/00-	RHY (DW10TD)	66	H1 732
PARTNER Box	1.6 BlueHDi 75	01/15-	BHW (DV6FE)	55	H1 368
	1.6 HDi 75	02/06-	9HW (DV6BTED4)	55	H1 166
	1.6 HDi 90	02/06-	9HX (DV6ATED4)	66	H1 166
	1.6 HDi 90	04/10-	9HP (DV6DTED)	68	H1 368
	1.6 BlueHDi 100	04/15-	BHY (DV6FD)	73	H1 368
	1.6 HDi	04/08-	9HZ (DV6TED4)	80	H1 166
	1.6 HDi	08/10-		82	H1 368
	1.6 HDi	03/13-	9HL (DV6C)	84	H1 368
	1.6 BlueHDi 120	04/15-	BHZ (DV6FC)	88	H1 368
	1.8 D	06/96-08/98	A9A (XUD7)	43	H1 656
	1.8 D	09/98-	A9A (XUD7)	43	H1 086
	1.9 D	06/96-08/98	DJY (XUD9A)	51	H1 656
	1.9 D	09/98-	DJY (XUD9A)	51	H1 086
	2.0 HDi	04/00-	RHY (DW10TD)	66	H1 732
PARTNER Tepee	1.6 HDi	04/08-	9HT (DV6BTED4)	55	H1 166
	1.6 HDi 90	04/10-	9HP (DV6DTED)	68	H1 368
	1.6 BlueHDi 100	12/14-	BHY (DV6FD)	73	H1 368
	1.6 HDi	08/10-	9HL (DV6C)	82	H1 368
	1.6 HDi	03/13-	9HL (DV6C)	84	H1 368
	1.6 BlueHDi 120	12/14-	BHZ (DV6FC)	88	H1 368
RCZ	2.0 HDi	03/10-	RHH (DW10CTED4)	120	H1 368
Traveller	1.6 BlueHDi 95	04/16-		70	H1 368
	1.6 BlueHDi 115	04/16-		85	H1 368
	2.0 BlueHDi 150	04/16-		110	H1 368
	2.0 BlueHDi 180	04/16-		130	H1 368

PEUGEOT (USA)

504		1980 - 1983	4 - 2.3L Diesel		H1 004
505		1980	4 - 2.3L Diesel		H1 004
		1981 - 1986	4 - 2.3L Diesel Turbo		H1 004
		1985	4 - 2.3L Diesel Turbo CAN		H1 004
		1985 - 1987	4 - 2.5L Diesel Turbo		H1 004
		1988	4 - 2.5L Diesel Turbo CAN		H1 004
604		1982 - 1984	4 - 2.3L Diesel Turbo		H1 004

PORSCHE

Cayenne	3.0 D	06/10-	MCR.CB	155	H1 339
	3.0 D	06/10-	M 05.9E	176	H1 339



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**PORSCHE**

Cayenne	3.0 TDI	02/09-09/10	M 05.9D	176	H1 339
	3.0 D	06/11-	MCR.CA	180	H1 339
	4.2 S Diesel	10/12-	MCU.DB	281	H1 339
Macan	3.0 S Diesel	02/14-	MCT.BB	155	H1 339
	3.0 S Diesel	02/14-	MCT.BC	184	H1 339
	3.0 S Diesel	02/14-	MCT.BA	190	H1 339
Panamera	3.0 D	08/11-	MCR.CB	155	H1 339
	3.0 D	08/11-	MCR.CC	184	H1 339
	3.0 D	01/14-	MCW.JA	221	H1 339

PONTIAC (USA)

6000		1984 - 1985	V6 4.3L 260 CID (T) FI DIESEL		H1 197
Bonneville		1982 - 1983	V8 5.7L 350 CID (N) FI DIESEL		H0 711
		1984 - 1985	V8 5.7L 350 CID (N) FI DIESEL		H1 197
Catalina		1980 -	V8 5.7L 350 CID (N) FI DIESEL		H0 711
Commercial Chassis		1980 - 1981	V8 5.7L 350 CID (N) FI DIESEL		H0 711
		1982 - 1983	V8 5.7L DIESEL		H0 711
Grand LeMans		1982 - 1983	V8 5.7L 350 CID (N) FI DIESEL		H0 711
Grand Prix		1981	V8 5.7L DIESEL		H0 711
		1982 - 1983	V8 5.7L 350 CID (N) FI DIESEL		H0 711
		1984 - 1985	V8 5.7L 350 CID (N) FI DIESEL		H1 197
Laurentian(Canada)		1980 - 1981	V8 5.7L 350 CID (N) FI DIESEL		H0 711
LeMans		1981	V8 5.7L DIESEL		H0 711
Parisienne		1982 - 1983	V8 5.7L 350 CID (N) FI DIESEL		H0 711
		1984 - 1985	V8 5.7L 350 CID (N) FI DIESEL		H1 197
Parisienne (Canada)		1980 - 1981	V8 5.7L 350 CID (N) FI DIESEL		H0 711
		1982	V8 5.7L DIESEL		H0 711

PIAGGIO

Ape	0.5	01/83-		11	H1 657
Porter	1.2	01/96-	Lombardini LDW1204P	26	H1 655

PROTON

PERSONA 400	2.0 D 420 GLS	05/96-	4 D 68	48	H1 211
	2.0 TD 420	09/96-	4 D 68 T	60	H1 211

PUCH

G-Model	240 GD	08/80-08/87	OM 616.936, from model year 08/80-	53	H1 004
	250 GD	10/87-01/89	OM 602.930	62	H1 004
	250 GD	02/89-12/92	OM 602.930	62	H1 078
	300 GD	08/80-12/91	OM 617.931, from model year 08/80-	65	H1 004
	290 GD/G 290 D	04/92-	OM 602.942	70	H1 078
	G 290 TD	07/97-		88	H1 078
	300 GD	09/89-	OM 603.931	83	H1 078
	G 300 TD	08/96-	OM 606.964	130	H1 087
	G 350 Turbo D	09/91-	OM 603.972	100	H1 078

RENAULT

Avantime (DEO_)	2.2 dCi (DE01)	05/02-05/03	G9T 712	110	H1 977
Captur	1.5 dCi	06/13-	K9K 608, K9K 609, K9K 612, K9K 830	66	H1 392
	1.5 dCi	01/15-	K9K 646	81	H1 392
Clio I	1.9 D	05/90-02/91	F8Q	47-48	H1 052



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**RENAULT**

Clio I	1.9 D	03/91-	F8Q 730, F8Q 732	48	H1 052
	1.9 D	01/97-09/98	F8Q 678	40	H1 052
	1.9 D	01/91-09/98	F8Q 730/732	47	H1 052
	1.5 L	09/16-	K9K 628	66	H1 392
	1.5 L	09/16-	K9K 629	66	H1 392
	1.5 L	09/16-	K9K 646	81	H1 392
Clio II	1.5 dCi	06/01-05/05	K9K 700/704	48	H1 825
	1.5 dCi	06/01-05/05	K9K 702	60	H1 825
	1.5 dCi	01/04-05/05	K9K 712	74	H1 825
	1.9 D	09/98-	F8Q-630	47	H1 709
	1.9 dTi	02/00-05/05	F9Q 780/782	59	H1 825
Clio III	1.5 dCi	06/05-	K9K 752	47	H1 825
	1.5 dCi	05/05-	K9K 752	48	H1 825
	1.5 dCi	06/05-	K9K 768	50	H1 825
	1.5 dCi	08/10-	K9K 770	55	H1 825
	1.5 dCi	06/05-	K9K 766	63	H1 825
	1.5 dCi	08/10-	K9K 770	65	H1 825
	1.5 dCi	06/05-	K9K 772	76	H1 825
	1.5 dCi	06/05-	K9K 764	78	H1 825
Clio IV	1.5 dCi	11/12-	K9K 612	55	H1 392
	1.5 dCi	11/12-	K9K 608	66	H1 392
	1.5 dCi 110	06/16-	K9K 646	81	H1 392
Clio Grandtour	1.5 dCi	02/10-	K9K 752	48	H1 825
	1.5 dCi	02/08-	K9K 768	50	H1 825
	1.5 dCi	02/08-	K9K 766	63	H1 825
	1.5 dCi	08/10-	K9K 770/772	65	H1 825
	1.5 dCi	02/08-	K9K 772	76	H1 825
	1.5 dCi	02/08-	K9K 764	78	H1 825
	1.5 dCi	01/13-	K9K 612	55	H1 392
	1.5 dCi	01/13-	K9K 608	66	H1 392
Clio IV Grandtour (KH_)	1.5 dCi 110	06/16-		107	H1 392
Duster	1.5 dCi	06/09-	K9K 884	66	H1 392
Espace I	2.1 TD	10/84-12/90	J8S 240/774	65	H1 826
Espace II	2.1 TD	01/91-10/96	J8S 610/772/776/778	65	H1 826
	2.1 TD	11/94-10/96	J8S 612	66	H1 826
Espace III	1.9 dTi	02/99-10/02	F9Q 722	72	H1 825
	2.2 12V TD	11/96-10/00	G8T 714/716	83	H1 824
	2.2 dCi	10/00-10/02	G9T 710	95	H1 977
Espace IV	1.9 dCi	11/02-	F9Q 680/820/826	88	H1 825
	2.0 dCi	01/06	M9R 740/750/815	110	H5 126
	2.0 dCi	01/06	M9R 740/750/760/761/762/763	96	H5 126
	2.0 dCi	01/06	M9R 760/761/762/763/815	127	H5 126
	2.2 dCi	11/02-	G9T 742/743	110	H1 977
	3.0 dCi	11/02-	P9X 701	130	H1 192
Express	1.6	07/86-03/98	F8M-720/730/736/760	40	H1 052
	1.9 D	09/91-03/98	F8Q-684/722/724/774/776	48	H1 052
	1.9 D	01/96-03/98	F8Q-640/680/682	48	H1 159



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**RENAULT**

Express	1.9 D	09/94-12/95	F8Q-640/644/646/648	48	H1 159
Fuego	2.1 TD	08/82-07/84	J8S 712	65	H1 826
Fluence	1.5 dCi	02/10-	K9K 830	63	H1 392
	1.5 dCi	02/10-	K9K 832	77	H1 392
	1.5 dCi	02/10-	K9K 834	66	H1 392
	1.5 dCi	02/10-	K9K 836 / 837	81	H1 392
Grand Scénic II	2.0 dCi	09/05	M9R 700/721/722	110	H5 126
Grand Scénic III	2.0 dCi	04/09	M9R 610	118	H5 126
	2.0 dCi	02/09	M9R 615	110	H5 126
Kadjar	1.5 dCi	06/15-		81	H1 392
Kangoo	1.5 dCi	07/03-	K9K	42	H1 825
	1.5 dCi	12/01-	K9K 700/704	48	H1 825
	1.5 dCi	06/05-	K9K	50	H1 825
	1.5 dCi	11/12-	K9K	55	H1 392
	1.5 dCi	07/02-	K9K 702/710	60	H1 825
	1.5 dCi	06/05-	K9K	62	H1 825
	1.5 dCi	02/08-	K9K	63	H1 825
	1.5 dCi	11/12-	K9K 808	66	H1 392
	1.5 dCi	02/08-	K9K	76	H1 825
	1.9 D 55	03/98-	F8Q 662	40	H1 709
	1.9 D 65	03/98-	F8Q 630, F8Q 632	47	H1 709
	1.9 D 65	03/98-	F8Q 630, F8Q 632	47	H1 922
	1.9 dTi	02/00-	F9Q 780	59	H1 825
	1.9 dCi 4X4	10/01-	F9Q 782/790	59	H1 825
	1.9 dCi 4X4	10/03-	F9Q	62	H1 825
Kangoo Compact	1.5 L	11/08-02/12	K9K	55	H1 392
Kangoo Express	1.5 dCi	12/01-	K9K 700	48	H1 825
	1.9 dTi	02/00-	F9Q 780/782	59	H1 825
Kangoo Rapid	1.5 dCi	12/02-	K9K	42	H1 825
	1.5 dCi	12/01-	K9K 700	48	H1 825
	1.5 dCi	04/03-	K9K 702/710	60	H1 825
	1.5 dCi	06/05-	K9K	62	H1 825
	1.9 D 55	03/98-	F8Q 662	40	H1 709
	1.9 D 65	03/98-	F8Q 630	47	H1 709
	1.9 D 65	03/98-	F8Q 632	47	H1 922
	1.9 dTi	02/00-	F9Q 780/782	59	H1 825
	1.9 dCi 4X4	10/01-	F9Q 782/790	49	H1 825
	1.9 dCi	07/03-	F9Q	62	H1 825
	1.9 dCi 4X4	07/03-	F9Q	62	H1 825
Kangoo II	1.5 dCi	09/08-	K9K 742,778,814,882	55	H1 392
	1.5 dCi	09/08-	K9K 770,774,782,808,816	66	H1 392
	1.5 dCi	09/08-	K9K 834,836,837,844,892	81	H1 392
Kangoo/Grand Kangoo (KW0/1_)	1.5 dCi 110	09/10	K9K 804	80	H1 392
Kangoo BE BOP (KW0/1_)	1.5 dCi 75	09/10	K9K 802	55	H1 825
Kangoo Express II	1.5 dCi	09/08-	K9K 742,778,814,882	55	H1 392
	1.5 dCi	09/08-	K9K 770,774,782,808,816	66	H1 392
	1.5 dCi	09/08-	K9K 834,836,837,844,892	81	H1 392



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**RENAULT**

Koleos	2.0 dCi	09/08	M9R 855/856/862/865/866	110	H5 126
	2.0 dCi 4x4	09/08	M9R 830	127	H5 126
	2.0 dCi 4x4	09/08	M9R 832/855/856/862/865/866	110	H5 126
Laguna I	1.9 dTi	10/97-03/01	F9Q 710	72	H1 825
	1.9 dTi	10/97-03/01	F9Q 716	72	H1 089
	1.9 dCi	09/99-03/01	F8Q 718	79	H1 825
	2.2 D	11/93-03/01	G8T 706/752/790/794	61	H1 824
	2.2 dT	03/96-03/01	G8T 760	83	H1 824
Laguna I Grandtour	1.9 dTi	10/97-03/01	F9Q 710	72	H1 825
	1.9 dTi	10/97-03/01	F9Q 716	72	H1 089
	1.9 dCi	09/99-03/01	F9Q 718	79	H1 825
	2.2 D	09/95-03/01	G8T 706/752/790/794	61	H1 089
	2.2 dT	03/96-03/01	G8T 760	83	H1 089
Laguna II	1.9 dCi	03/04-	F9Q 664	68	H1 825
	1.9 dCi	10/01-	F9Q 754	74	H1 825
	1.9 dCi	06/01-	F9Q 752	77	H1 825
	1.9 dCi	01/05-		81	H1 825
	1.9 dCi	03/01-	F9Q 750/756	88	H1 825
	1.9 dCi	05/05-	F9Q 758/759	96	H1 825
	2.2 dCi	05/05-	G9T 600/605/706/707	102	H1 977
	2.2 dCi	10/01-	G9T 702	110	H1 977
	1.5 dCi	10/07-	K9K 780	81	H1 825
Laguna II Grandtour	1.9 dCi	03/04-	F9Q 664	68	H1 825
	1.9 dCi	10/01-	F9Q 752	74	H1 825
	1.9 dCi	06/01-	F9Q 752	77	H1 825
	1.9 dCi	03/01-	F9Q 718	79	H1 825
	1.9 dCi	01/05-	F9Q 674/758	81	H1 825
	1.9 dCi	03/01-	F9Q 750/756	88	H1 825
	1.9 dCi	05/05-	F9Q 758/759	96	H1 825
	2.2 dCi	05/05-	G9T 600/706/707	102	H1 977
	2.2 dCi	10/01-	G9T 702	110	H1 977
Laguna III	2.0 dCi	10/07	M9R 802/805/814	110	H5 126
	2.0 dCi	10/07	M9R 742/744/802	96	H5 126
	2.0 dCi	01/08	M9R 800/809/815	127	H5 126
	2.0 dCi GT	03/08	M9R 816	131	H5 126
	3.0 dCi	09/08	V9X 791/891	173	H5 126
Laguna III Grandtour	1.5 dCi	10/07-	K9K 780	81	H1 825
	2.0 dCi	10/07	M9R 742/744/802	96	H5 126
	2.0 dCi	10/07	M9R 802/805/814	110	H5 126
	2.0 dCi	01/08	M9R 800/809/815	127	H5 126
	2.0 dCi GT	03/08	M9R 816/820	131	H5 126
	3.0 dCi	09/08	V9X 791/891	173	H5 126
Laguna Coupe	1.5 dCi	03/12-	K9K 846	81	H1 392
	2.0 dCi	09/08	M9R 800/809/815	127	H5 126
	2.0 dCi	09/08	M9R 802/805/814	110	H5 126
	2.0 dCi GT	09/08	M9R 816/820	131	H5 126
	3.0 dCi	01/12	V9X 891	177	H5 126



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**RENAULT**

Laguna Coupe	3.0 dCi	09/08	V9X 791/891	173	H5 126
Latitude	1.5 dCi	07/10-	K9K 782	81	H1 392
	2.0 dCi 150	02/11	M9R 824/846	110	H5 126
	2.0 dCi 175	05/11	M9R 804/817/844	127	H5 126
	3.0 dCi 240	02/11	V9X 891	177	H5 126
Mascott	2.8 dCi	01/02-	7140.43S	92	H1 808
Master I Box (T_) 35	2.5 TD	08/89-07/98	8140.27.2500/2510, S9U 714	69	H1 126
Master I Box (T_) 28-35	2.4 D	08/80-08/89	8140.61.2300, S8U 731	52	H1 826
	2.5 D	08/89-07/98	8140.67.2510, S8U 742	55	H1 826
	2.5 TD	08/89-07/98	8140.27.2580, S9U 702	72	H1 656
Master I Bus (T_) 28-35	2.1 D	08/80-07/98	J8S 330	44	H1 826
	2.4 D	08/80-08/89	8140.61.2300, S8U 731	52	H1 826
	2.5 D	08/89-07/98	8140.67.2510, S8U 742	55	H1 826
	2.5 TD	08/89-07/98	8140.27.2580, S9U 702	72	H1 656
Master I Bus (T_) 35	2.5 TD	08/89-07/98	8140.27.2500/2510, S9U 714	69	H1 126
Master I Flatbed/Chassis (P_) 28-35	2.5 D	09/80-07/98	8140.61.2300, S8U 731	52	H1 826
Master II Box (FD)	1.9 dTi	09/00-	F9Q 770	59	H1 825
	1.9 dCi 80	11/01-	F9Q 772	60	H1 825
	2.2 dCi 90	09/00-	G9T 722	66	H1 977
	2.5 dCi 100	10/03-	G9U 754	73	H1 977
	2.5 dCi 120	10/01-	G9U 720/754	84	H1 977
	2.5 D	07/98-01/01	S8U 770	59	H1 126
	2.8 dTi	07/98-01/01	S9W 702	84	H1 808
	3.0 dCi 140	10/03-	ZD3 202	100	H1 432
Master II Bus (JD/ND)	1.9 dTi	09/00-	F9Q 770	59	H1 825
	1.9 dCi 80	11/01-	F9Q 772	60	H1 825
	2.2 dCi 90	09/00-	G9T 722	66	H1 977
	2.5 dCi 100	10/03-	G9U 754	73	H1 977
	2.5 dCi 120	10/01-	G9U 720/754	84	H1 977
	2.5 D	07/98-01/01	S8U 770	59	H1 126
	2.8 dTi	07/98-10/01	S9W 702	84	H1 808
	3.0 dCi 140	10/03-	ZD3 200, ZD3 202	100	H1 432
Master II Flatbed/Chassis (ED/HD/UD)	2.2 dCi 90	09/00-	G9T 722	66	H1 977
	2.5 dCi 120	10/01-	G9U 720/754	84	H1 977
	2.5 dCi 100	10/03-	G9U 754	73	H1 977
	2.5 D	07/98-01/01	S8U 770	59	H1 126
	2.8 dTi	07/98-10/01	S8W 702	84	H1 808
	3.0 dCi 140	10/03-	ZD3 200, ZD3 202	100	H1 432
Master III Box (FV)	2.3 dCi FWD	02/10-	M9T 670, 672, 676	74	H5 017
	2.3 dCi RWD	02/10-	M9T 690, 692	74	H5 017
	2.3 dCi FWD	02/10-	M9T 670, 672, 676	92	H5 017
	2.3 dCi RWD	02/10-	M9T 686, 690, 692, 696, 698	92	H5 017
	2.3 dCi FWD	02/10-	M9T 678, 680, 694, 696, 698	107	H5 017
	2.3 dCi RWD	02/10-	M9T 694, 698	107	H5 017
Master III Bus (JV)	2.3 dCi 100 FWD	02/11-	M9T 670, 672, 676	74	H5 017
	2.3 dCi 125 FWD	02/11-	M9T 670, 672, 676	92	H5 017
	2.3 dCi FWD	02/11-	M9T 680	107	H5 017



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**RENAULT**

Master III Bus (JV)	2.3 dCi 150	10/12-		110	H5 017
Master III Platform/Chassis (EV, HV, UV)	2.3 dCi FDW	02/10-	M9T 670, 672, 676	74	H5 017
	2.3 dCi RWD	02/10-	M9T 690, 692	74	H5 017
	2.3 dCi FWD	02/10-	M9T 670, 672, 676	92	H5 017
	2.3 dCi RWD	02/10-	M9T 686, 690, 692	92	H5 017
	2.3 dCi FWD	02/10-	M9T 678, 680	107	H5 017
	2.3 dCi RWD	02/10-	M9T 694, 696, 698	107	H5 017
Megane I	1.9 D Eco	01/96-	F8Q 620/624	47	H1 159
	1.9 dTi	02/01-	F9Q 744	59	H1 825
	1.9 dT	01/96-	F8Q 784/786	66	H1 098
	1.9 TDI	09/96-	F8Q 784	69	H1 098
	1.9 dTi	03/97-02/01	F9Q 730/731	72	H1 089
	1.9 dTi	03/97-02/01	F9Q 734/736	72	H1 825
	1.9 dCi	02/01-	F9Q 732/733	75	H1 825
	1.5 L Estate	01/14-05/16	K9K 656	81	H1 392
	1.5 L Estate	01/14-05/16	K9K 657	81	H1 392
	1.5 L Hatchback	01/14-05/16	K9K 656	81	H1 392
	1.5 L Hatchback	01/14-05/16	K9K 657	81	H1 392
Megane II	1.5 dCi	11/02-	K9K 722	60	H1 825
	1.5 dCi	05/05-	K9K	63	H1 825
	1.5 dCi	10/03-	K9K	74	H1 825
	1.5 dCi	01/07-	K9K 734	76	H1 825
	1.5 dCi	05/05-	K9K	78	H1 825
	1.9 dCi	03/04-	F9Q 808	68	H1 825
	1.9 dCi	05/05-	F9Q 804/818	81	H1 825
	1.9 dCi	11/02-	F9Q 800	88	H1 825
	1.9 dCi	05/05-	F9Q 803/816	96	H1 825
	2.0 dCi	01/07-02/08	M9R 724	127	H5 126
	2.0 dCi	09/05-02/08	M9R 700/722	110	H5 126
Megane II Saloon	1.5 dCi	09/03-	K9K 722	60	H1 825
	1.5 dCi	05/05-	K9K	63	H1 825
	1.5 dCi	02/04-	K9K	74	H1 825
	1.5 dCi	05/05-	K9K	78	H1 825
	1.9 dCi	03/04-	F9Q 808	68	H1 825
	1.9 dCi	05/05-	F9Q 803/804/816/818	81	H1 825
	1.9 dCi	09/03-	F9Q 800	88	H1 825
	1.9 dCi	05/05-	F9Q 803/804	96	H1 825
Megane CC	1.5 dCi	06/10-	K9K 837	81	H1 392
	1.9 dCi	06/10-	F9Q 870	96	H1 393
	2.0 cDi	06/10	M9R 610	118	H5 126
Megane Classic	1.9 D	09/96-	F8Q 620/624	47	H1 159
	1.9 dTi	02/01-	F9Q 744	59	H1 825
	1.9 dT	09/96-	F8Q 784/786	66	H1 098
	1.9 TDI	09/96-	F8Q 784	69	H1 098
	1.9 dTi	03/97-02/01	F9Q 730/731	72	H1 089
	1.9 dTi	03/97-02/01	F9Q 734/736	72	H1 825
	1.9 dCi	02/01-	F9Q 732/733	75	H1 825



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**RENAULT**

Megane Coupe	1.5 L	01/14-	K9K 656	81	H1 392
	1.5 L	01/14-	K9K 657	81	H1 392
Megane Grandtour	1.9 D	04/99-	F8Q 622/790	47	H1 922
	1.9 dTi	02/01-	F9Q 744	59	H1 825
	1.9 dTi	03/99-02/01	F9Q 731/736	72	H1 825
	1.9 dCi	02/01-	F9Q 732/733	75	H1 825
	1.5 dCi	09/03-	K9K 722	60	H1 825
Megane II Grandtour	1.5 dCi	05/05-	K9K	63	H1 825
	1.5 dCi	02/04-	K9K	74	H1 825
	1.5 dCi	05/05-	K9K	78	H1 825
	1.9 dCi	03/04-	F9Q 808	68	H1 825
	1.9 dCi	05/05-	F9Q 804/819	81	H1 825
	1.9 dCi	09/03-	F9Q 800	88	H1 825
	1.9 dCi	05/05-	F9Q 803/804	96	H1 825
	1.9 dTi	03/97-02/01	F9Q 731/736	72	H1 825
	1.9 dTi	03/97-02/01	F9Q 734	72	H1 089
Megane Coach	1.9 dCi	02/01-	F9Q 732/733	75	H1 825
	1.5 dCi	05/05-	K9K	63	H1 825
	1.5 dCi	01/07-	K9K 734	76	H1 825
Megane II Coupé-Cabriolet	1.5 dCi	03/06-	K9K	78	H1 825
	1.9 dCi	05/05-	F9Q 804/816/818	81	H1 825
	1.9 dCi	09/03-	F9Q 800	88	H1 825
	1.9 dCi	05/05-	F9Q 803	96	H1 825
	2.0 dCi	09/05-03/09	M9R 700/722	110	H5 126
	2.0 dCi	09/05-03/09	M9R 700/722	110	H5 126
	1.9 dCi	06/09-	F9Q 870 / 872	96	H1 393
	1.5 dCi	09/08-	K9K 834,836,837,844,892	81	H1 392
Megane III	1.5 dCi	09/08-	K9K 770,774,782,808,816,834	66	H1 392
	1.5 dCi	02/09-	K9K G 832	78	H1 392
	1.5 dCi	11/08-	K9K F 830	63	H1 392
Megane III Coupe	1.5 dCi	11/08-	K9K H 834	66	H1 392
	1.5 dCi	02/09-	K9K J 836 K9K 837	81	H1 392
	1.9 dCi	11/08-	F9Q 870 / 872	96	H1 393
	2.0 dCi	07/12	M9R 610	120	H5 126
	2.0 dCi	04/09	M9R 610	118	H5 126
	2.0 dCi	04/09	M9R 615	110	H5 126
	1.5 dCi	03/09-	K9K 830	63	H1 392
	1.5 dCi	05/09-	K9K 834	66	H1 392
	1.5 dCi	11/13-	K9K 846	70	H1 392
Megane III Grandtour	1.5 dCi	02/09-	K9K 836,846	78	H1 392
	1.5 dCi	02/09-	K9K 836/837/846	81	H1 392
	1.9 dCi	05/09-	F9Q 870 / 872	96	H1 393
	1.5 dCi	02/09-	K9K 836 / 846	78	H1 392
	2.0 dCi	07/12	M9R 610	120	H5 126
	2.0 dCi	04/09	M9R 610	118	H5 126
	2.0 dCi	10/10	M9R 615	110	H5 126
	1.5 dCi	11/08-	K9K H 834	66	H1 392
	1.5 dCi	11/08-	K9K H 834	66	H1 392
	1.5 dCi	11/08-	K9K H 834	66	H1 392



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**RENAULT**

Megane III Hatchback	1.5 dCi	12/09-	K9K 830	63	H1 392
	1.5 dCi	11/13-	K9K 846	70	H1 392
	1.5 dCi	02/09-	K9K G 832	78	H1 392
	1.5 dCi	02/09-	K9K 836	81	H1 392
	1.9 dCi	11/08-	F9Q 870 / 872	96	H1 393
	2.0 dCi	07/12	M9R 610	120	H5 126
	2.0 dCi	04/09	M9R 610	118	H5 126
	2.0 dCi	10/10	M9R 615	110	H5 126
Megane IV	1.5 dCi	11/15-		66	H1 392
	1.5 dCi	11/15-		81	H1 392
Megane Scenic	1.9 D	03/97-09/99	F8Q 790	47	H1 922
	1.9 dT	01/97-09/99	F8Q 784/786	66	H1 098
	1.9 dTi	04/97-09/99	F9Q 730/734	72	H1 089
	1.5 L	04/13-10/16	K9K 636	81	H1 392
	1.5 L	04/13-10/16	K9K N 837	81	H1 392
	1.5 L	11/16-	K9K Gen6 (646)	81	H1 392
	1.5 L	11/16-	K9K Gen6 (647)	81	H1 392
Modus	1.5 dCi	12/04-	K9K	50	H1 825
	1.5 dCi	12/04-	K9K	63	H1 825
	1.5 dCi	05/07-	K9K	76	H1 825
	1.5 dCi	09/08-	K9K 770,808,834,844,892	66	H1 392
	1.5 dCi	09/08-	K9K 742,778,814,882	55	H1 392
	1.5 dCi	05/05-	K9K	78	H1 825
Pulse	1.5 dCi	01/12-	K9K 740	47	H1 825
R 9	1.6 D	10/82-12/88	F8M 700/720/730	40	H1 052
R 11	1.6 D	08/83-12/88	F8M 700/720/730	40	H1 052
R 18	2.1 D	11/81-07/86	852 710, J8S 711	49	H1 826
	2.1 TD	11/81-07/86	J8S 712	55-65	H1 826
R 18 Variable	2.1 D	11/80-07/86	852 710, J8S 711	49	H1 826
R 19 I	1.9 D	09/88-02/91	F8Q 706/742	47	H1 826
	1.9 D	03/91-04/92	F8Q 706/742	47	H1 052
R 19 I Box	1.9 D	01/88-02/91	F8Q 706/742	48	H1 826
	1.9 D	03/91-12/92	F8Q 706/742	48	H1 052
R 19 I Chamade	1.9 D	10/89-02/91	F8Q 706/742	47	H1 826
	1.9 D	03/91-04/92	F8Q 706/742	47	H1 052
	1.9 TD	09/90-04/92	F8Q 740	68	H1 984
R 19 II	1.9 D	04/92-12/95	F8Q 742	47	H1 052
	1.9 dT	04/92-12/95	F8Q 744	66	H1 984
R 19 II Box	1.9 D	03/92-12/95	F8Q 706/742	48	H1 052
	1.9 dT	03/92-12/95	F8Q 740	68	H1 984
R 19 II Chamade	1.9 D	04/92-12/95	F8Q 742	47	H1 052
	1.9 dT	04/92-12/95	F8Q 744	66	H1 984
R 20	2.1 D	10/80-04/81	852	47	H0 605
	2.1 D	05/81-12/83	852	47	H1 826
	2.1 TD	01/82-12/83	J8S	63	H1 826
R 21	1.9 D	06/86-08/94	F8Q 710	47	H1 052
	2.1 D	06/86-08/94	J8S 704	49	H1 826



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R 21	2.1 D	04/92-06/94	J8S 784	51	H1 826
	2.1 D	05/89-12/92	J8S 740, J8S 600	51	H1 826
	2.1 D	09/89-12/92	J8S 600/740	53	H1 826
	2.1 TD	09/89-06/94	J8S 714/786/788	65	H1 826
R 21 Saloon	2.1 D	03/86-12/89	J8S 704	48	H1 826
	2.1 D	10/92-06/94	J8S 784	51	H1 826
	2.1 D	05/89-06/94	J8S 600/740	53	H1 826
	2.1 TD	03/86-06/94	J8S 714/786/788	65	H1 826
R 21 Estate	2.1 D	10/86-09/90	J8S 704	48	H1 826
	2.1 D 4X4	10/88-05/92	J8S 704	48	H1 826
	2.1 D	02/92-09/95	J8S 784	51	H1 826
	2.1 D	08/89-12/92	J8S 600/740	53	H1 826
	2.1 TD	10/86-11/93	J8S 714/786/788	65	H1 826
R 25	2.1 D	04/84-05/89	J8S 706	46	H1 826
	2.1 D	06/89-12/92	J8S 736	51	H1 826
	2.1 TD	04/84-12/92	J8S 708/738	63	H1 826
R 30	2.1 TD	02/82-03-86	J8S 702	63	H1 826
Rapid Box	1.6 D	03/86-08/98	F8Q 720/730/736/760	40	H1 052
	1.9 D	09/94-03/98	F8Q 640/682	40	H1 159
	1.9 D	09/91-03/98	F8Q 722/724/774/776	47	H1 052
Safrane I	2.1 dT	11/93-07/96	J8S 760	65	H1 826
	2.5 dT	12/92-07/96	S8U 762/763	83	H1 086
Safrane II	2.2 dT	07/96-12/00	G8T 740	83	H1 089
Scenic	1.9 dTi	02/01-08/03	F9Q 744	59	H1 825
	1.9 dTi	09/99-08/03	F9Q 731/734/736	72	H1 089
	1.9 dTi	09/99-08/03	F9Q 731/734/736	72	H1 825
	1.9 dCi	11/00-08/03	F9Q 732/733	75	H1 825
	1.9 dCi RX4	11/00-08/03	F9Q 740	75	H1 825
Scenic II	1.5 dCi	06/03-	K9K 722	60	H1 825
	1.5 dCi	05/05-	K9K	63	H1 825
	1.5 dCi	11/03-	K9K 728/729	74	H1 825
	1.5 dCi	01/07-	K9K	76	H1 825
	1.5 dCi	05/05-	K9K	78	H1 825
	1.9 dCi	05/05-	F9Q 804	81	H1 825
	1.9 dCi	06/03-	F9Q 812	88	H1 825
	1.9 dCi	05/05-	F9Q 804/816/818/J 803	96	H1 825
	2.0 dCi	09/05	M9R 700/721/722	110	H5 126
Scenic III	1.9 dCi	02/09-	F9Q 870 / 872	96	H1 393
	1.5 dCi	04/09-	K9K 836, 837, 636	81	H1 392
	1.5 dCi	09/08-	K9K 834, 836, 837, 844, 892	81	H1 392
	1.5 dCi	09/08-	K9K 770, 774, 782, 808, 816	66	H1 392
	1.5 dCi	02/09-	K9K 832	78	H1 392
	1.5 dCi	11/10-	K9K 846	70	H1 392
	1.5 dCi	04/09-	K9K 830	63	H1 392
Scenic XMOD	1.5 L	04/13-	K9K 636	81	H1 392
	1.5 L	04/13-	K9K N 837	81	H1 392
Grand Scenic	1.5 dCi	04/04-	K9K 728/729	74	H1 825



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Grand Scenic	1.9 dCi	05/05-	F9Q E 804	81	H1 825
	1.9 dCi	04/04-	F9Q 812	88	H1 825
	1.9 dCi	05/05-	F9Q 804/816/818/J 803	96	H1 825
	1.5 L	11/16-	K9K Gen6 (646)	81	H1 392
	1.5 L	11/16-	K9K Gen6 (647)	81	H1 392
Grand Scenic III	1.9 dCi	02/09-	F9Q 870 / 872	96	H1 393
	1.5 dCi	04/09-	K9K 830	63	H1 392
	1.5 dCi	04/09-	K9K 636, 836, 837	81	H1 392
	1.5 dCi	11/10-	K9K 846	70	H1 392
	1.5 dCi	02/09-	K9K 832	78	H1 392
	2.0 dCi	04/09	M9R 610	118	H5 126
	2.0 dCi	02/09	M9R 615	110	H5 126
Super 5	1.6 D	08/84-12/96	F8M 720/730	40	H1 052
Supercinc D	1.6 D	09/85-12/96	F8M	40	H1 052
Talisman	1.5 dCi	11/15-		81	H1 392
Talisman Grandtour	1.5 dCi	03/16-		81	H1 392
Thalia	1.5 dCi	04/02-	K9K 700	48	H1 825
	1.5 dCi	02/03-	K9K	50	H1 825
	1.5 dCi	06/01-	K9K 702	60	H1 825
Thalia II	1.5 dCi	09/08-	K9K 740	47	H1 825
	1.5 dCi	01/09-	K9K 700	47	H1 825
	1.5 dCi	09/08-	K9K 718	62	H1 825
Thalia III	1.5 dCi	07/14-		66	H1 392
Trafic Box (T1, T3, T4)	2.1 D	09/80-04/89	852 750	43	H1 826
	2.1 D 4X4	11/86-04/89	852 750	43	H1 826
Trafic Bus (T5, T6, T7)	2.1 D	03/85-04/89	852 750	43	H1 826
Trafic Flatbed/Chassis (P6)	2.1 D	03/80-04/89	852 720	43	H1 826
	2.5 D	03/80-04/89	8140.61.240, S8U 720/722	51	H1 826
Trafic Box (TXX)	1.9 D	06/97-03/01	F8Q 606	44	H1 709
	2.1 D	05/89-06/94	852 750	43	H1 826
	2.1 D	06/94-10/97	J8S 620/758	47	H1 826
	2.5 D	05/89-03/01	8140.67.2500/2550/2580, S8U 750/752/75855		H1 126
Trafic Bus (TXW)	1.9 D	06/97-03/01	F8Q 606	44	H1 709
	2.1 D	05/89-06/94	852 720, 852 750	43	H1 826
	2.1 D	06/94-10/97	J8S 620/758	47	H1 826
	2.5 D	05/89-03/01	8140.67.2500/2550/2580, S8U 750/752/75855		H1 126
	2.5 D 4X4	08/89-03/01	8140.67.2500/2550/2580, S8U 750/752/75855		H1 126
Trafic Flatbed/Chassis (PXX)	2.1 D	05/89-06/94	852 720	43	H1 826
	2.1 D	06/94-10/97	J8S 620/758	47	H1 826
	2.5 D	05/89-03/01	8140.61.240, S8U 720/722	51	H0 605
Trafic II Box (FL)	1.9 dCi 80	03/01-	F9Q 762	60	H1 977
	1.9 dCi 100	03/01-	F9Q 760	74	H1 825
	2.0 dCi 115	08/06	M9R 692/780/782/786	84	H5 126
	2.0 dCi 90	08/06	M9R 630/780/782	66	H5 126
	2.5 dCi	05/03-	G9U 730	99	H1 977
	2.5 dCi 145	08/06-	G9U 630	107	H1 977
Trafic II Bus (JL)	dCi 80	03/01-	F9Q 762	60	H1 977



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**RENAULT**

Trafic II Bus (JL)	dCi 100	03/01-	F9Q 760	74	H1 825
	2.0 dCi 115	08/06	M9R 630/692/780/782/786	84	H5 126
	2.0 dCi 90	08/06	M9R 782	66	H5 126
	2.5 dCi	05/03-	G9U 730	99	H1 977
	2.5 dCi 145	08/06-	G9U 630	107	H1 977
Trafic II Flatbed/Chassis (EL)	1.9 dCi 80	03/01-	F9Q 762	60	H1 977
	1.9 dCi 100	03/01-	F9Q 760	74	H1 825
	2.5 dCi 135	03/01-	G9U 730	99	H1 977
	2.5 dCi 145	08/06-	G9U 630	107	H1 977
	2.0 dCi 115	08/06	M9R 780/782/786	84	H5 126
	2.0 dCi 90	08/06	M9R 780/782	66	H5 126
TRAFIC III Box (FG_)	1.6 dCi 125	07/15-		92	H5 017
	1.6 dCi 145	07/15-		107	H5 017
	1.6 dCi 95	07/15-		70	H5 017
TRAFIC III Bus (JG_)	1.6 dCi 125	07/15-	R9M 452	92	H5 017
	1.6 dCi 145	07/15-	R9M 452	107	H5 017
	1.6 dCi 95	07/15-	R9M 413	70	H5 017
TRAFIC III Platform/Chassis	1.6 dCi 125	07/15-		92	H5 017
Twingo	1.5 dCi	03/07-	K9K 740	47	H1 825
	1.5 dCi	04/08-	K9K 718	62	H1 825
Twingo II	1.5 dCi	09/08-	K9K 742,770,778,808	55	H1 392
	1.5 dCi	10/10-	K9K 820	55-66	H1 392
	1.5 dCi	09/08-	K9K 814,834,844,882,892	66	H1 392
Vel Satis	2.0 dCi	08/05	M9R 760	110	H5 126
	2.0 dCi	01/06	M9R 760/762/763	127	H5 126
	2.2 dCi	04/04-	G9T	85	H1 977
	2.2 dCi	09/04-	G9T	102	H1 977
	2.2 dCi	06/02-	G9T 702	110	H1 977
	3.0 dCi	06/02-	P9X 701	130	H1 192
Winnebago	2.1	04/82-06/87	J8S 232/234	43-57	H1 826

ROVER

FL2/R (Hire car)		08/83-			H0 605
FX 4R Taxi		08/83-			H0 605
90,100 D		01/83-			H0 605
114 D	1.4 D	10/92-12/94	TUD 3	38	H1 638
115 SD/CSD	1.5 D	12/94-12/98	TUD 5	42	H1 731
25	2.0 iDT	10/99-	20 T2N	74	H1 824
	2.0 iDT	01/02-12/04	20 T2N	83	H1 089
45	2.0 iDT	10/99-	20 T2N	74	H1 824
	2.0 iDT	01/04-05/05	20 T2N engine n. from: 20T2N11N16273	83	H1 089
75	2.0 CDT	02/99-	M 47 R	85	H1 119
	2.0 CDTi	02/03-	204D2	96	H1 119
100	114 D	10/92-12/94	TUD 3	38	H1 638
	115 D	12/94-12/98	TUD 5	42	H5 114
200	218 TD	09/91-10/95	XUD 7TE	65	H1 002
	218 D	09/91-10/95		52	H1 002
	220 D/SD	11/95-03/00	20 T2R	63	H1 824



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**ROVER**

200	220 SDi	11/95-03/00	20 T2N	77	H1 824
400	418 D	09/91-04/95		49	H1 002
	418 TD	09/91-04/95	XUD 7 TE	65	H1 002
	418 TD	09/91-04/95	XUD 7 TE	65	H1 656
	420 D	11/95-03/00	20 T2R	63	H1 824
	420 Di	05/95-03/00	20 T2N	77	H1 824
600	620 SDi	12/94-02/99	20 T2N	77	H1 824
800	825 D/SD	01/90-04/95	425 SL1RR, 492 4 SHIRG	87	H1 656
	825 D/SD	05/95-02/99	425 SL1RR, 92 4 SHIRG	87	H1 810
2000-3500	2400 TD	05/82-10/86		67	H1 005
Comerse	2.0 L	03/03-07/04	20T	74	H1 089
	2.0 L	07/04-12/05	20T	74	H1 089
Maestro	2.0 D	09/90-10/92		44	H1 002
	2.0 TD	09/90-01/95	BB	60	H1 002
Montego	2.0 D Turbo	10/88-10/95	BB	60	H1 002

SAAB

9-3	1.9 TiD	09/04-12/10	Z19DT	88	H1 816
	1.9 TiD	12/10-	Z19DT	88	H5 020
	1.9 TiD	09/04-	Z19DTH	110	H1 816
	1.9 TTiD	12/07-	A 19 DTR	96	H1 396
	1.9 TTiD	12/07-	A 19 DTR	118	H1 396
	1.9 TTiD	12/07-	A 19 DTR, Z 19 DTR	132	H1 396
	2.2 TiD	02/98-11/00	X 22 DHT, D223L	85	H1 090
	2.2 TiD	09/02-	D223L	92	H1 112
9-3 Cabriolet	1.9 TTiD	12/07-	A 19 DTR	96	H1 396
	1.9 TiD	01/06-	Z19DTH	110	H1 816
	1.9 TTiD	12/07-	A 19 DTR	118	H1 396
	1.9 TTiD	12/07-	A 19 DTR, Z 19 DTR	132	H1 396
9-3 Kombi	1.9 TiD	03/05-	Z19DTJ	88	H5 020
	1.9 TiD	03/05-	Z19DTJ	88	H1 816
	1.9 TiD	03/05-	Z19DTH	110	H1 816
	1.9 TTiD	12/07-	A 19 DTR	96	H1 396
	1.9 TTiD	12/07-	A 19 DTR	118	H1 396
	1.9 TTiD	12/07-	Z 19 DTR	132	H1 396
9-3 X	1.9 TTiD	02/09-	A 19 DTR, Z 19 DTR	132	H1 396
9-5	1.9 TiD	01/06-	Z19DTH	110	H1 816
	3.0 TiD	07/01-	D308L	130	H1 192
9-5 Kombi	3.0 TiD	07/01-	D308L	130	H1 192

SEAT

Alhambra	1.9 TDI	04/96-03/10	1Z, AHU, ANU	66	H1 659	H1 053/458
	1.9 TDI	08/96-06/00	AFN	81	H1 659	H1 053/458
	1.9 TDI	06/00-03/10	BVK, AUY, to Ch. No. 7M-2-514 000	85	H1 659	H1 053/458
	1.9 TDI	06/00-03/10	AUY, BVK Ch. No. 7M-2-514 000 →	85	H1 121	
	1.9 TDI 4 motion	06/00-03/10	AUY	85	H1 659	H1 053/458
	1.9 TDI	11/02-11/08	ASZ	96	H1 121	
	1.9 TDI 4x4	06/05-11/08	ASZ	96	H1 121	
	2.0 TDI	06/10-05/11	CFFA	100	H1 339	



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SEAT

Alhambra	1.9 TDI	05/05-05/07	ARL, BTB	110	H1 121
	2.0 TDI	11/05-03/10	BRT	103	H5 199
	2.0 TDI	05/11-	CFFE	85	H1 339
	2.0 TDI	06/10-	CFGB	125	H1 339
	2.0 TDI	06/10-	CFFB	103	H1 339
	2.0 TDI 4 motion	05/11-	CFFB	103	H1 339
	2.0 TDI	11/12-	CFGC	130	H1 339
	2.0 TDI	05/15-	CUVC, qty required:3	110	H1 339 *
	2.0 TDI 4Drive	05/15-	CUVC, qty required:3	110	H1 339 *
	2.0 TDI	05/15-	CUWA, qty required:3	135	H1 339 *
Altea	1.6 TDI	11/10-	CAYB	66	H1 339
	1.6 TDI	10/09-	CAYC	77	H1 339
	1.9 TDI	04/04-	BJB, BKC,BXE	77	H1 127
	1.9 TDI	04/04-	BLS	77	H5 199
	1.9 TDI	08/09-	BXF	66	H1 127
	2.0 TDI	03/04-05/09	AZV	100	H1 993
	2.0 TDI 16V	03/04-	BKD	103	H1 993
	2.0 TDI	11/05-	BMM from MY 05/2010	103	H1 127
	2.0 TDI	03/06-	CEGA	125	H1 339
	2.0 TDI	03/06-	BMN	125	H5 122
	2.0 TDI 16V	03/04-	CFHC	103	H1 339
Altea XL	1.6 TDI	11/10-	CAYB	66	H1 339
	1.6 TDI	10/09-	CAYC	77	H1 339
	1.9 TDI	10/06-	BXE	77	H1 127
	2.0 TDI	11/06-03/09	AZV	100	H1 993
	2.0 TDI	10/06-	BMM from MY 05/2010	103	H1 127
	2.0 TDI 4x4	06/07-	BMM from MY 05/2010	103	H1 127
	2.0 TDI 16V	10/06-	BKD	103	H1 993
	2.0 TDI 16V	10/06-	CFHC	103	H1 339
	2.0 TDI 16V 4x4	10/10-	CFHC	103	H1 339
	2.0 TDI	06/07-	CEGA	125	H1 339
	2.0 TDI	06/07-	BMN	125	H5 122
	2.0 TDI 4x4	06/07-	CEGA, CFJA	125	H1 339
	2.0 TDI 4x4	06/07-	BMN	125	H5 122
Arosa	1.4 TDI	01/00-10/01	AMF	55	H1 659
	1.4 TDI	11/01-06/04	AMF	55	H1 121
	1.7 SDI	08/97-10/01	AKU	44	H1 659
	1.7 SDI	11/01-06/04	AKU	44	H1 121
Ateca (KH7)	1.6 TDI	04/16-	DDYA, qty required: 3	85	H1 339 *
	2.0 TDI	10/16-	CRVA, qty required: 3	81	H1 339 *
	2.0 TDI	04/16-	CRVC, qty required: 3	105	H1 339 *
	2.0 TDI	04/16-	DFFA, qty required: 3	110	H1 339 *
	2.0 TDI 4Drive	04/16-	DFFA, qty required: 3	110	H1 339 *
	2.0 TDI 4Drive	06/16-	DFHA qty required: 3	140	H1 339 *
Cordoba	1.7 SDI	07/96-06/99	AKU	44	H1 659
	1.9 D	01/96-08/96	1Y	47	H1 657 H1 053

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Cordoba	1.9 SDI	08/96-06/99	AEY	47	H1 659	H1 053
	1.9 D	02/93-08/96	1Y	50	H1 657	H1 053
	1.9 TD	02/93-08/96	AAZ	55	H1 657	H1 053
	1.9 TDI	08/96-06/99	1Z, AHU	66	H1 659	H1 053 H1 458
	1.9 TDI	03/97-06/99	AFN	81	H1 659	H1 053 H1 458
	1.4 TDI	05/05-11/09	BNM	51	H1 121	
	1.4 TDI	10/02-12/05	AMF	55	H1 121	
	1.4 TDI	06/05-11/09	BNV	59	H1 121	
	1.4 TDI	06/05-11/09	BNV	59	H1 121	
	1.9 SDI	09/02-11/09	ASY	47	H1 121	
	1.9 TDI	09/02-11/09	ATD, AXR	74	H1 121	
	1.9 TDI	09/02-11/09	BMT	74	H5 199	
	1.9 TDI	10/02-11/09	ASZ, BLT	96	H1 121	
	1.9 SDI	06/99-10/02	AGP, AQM	50	H1 659	
	1.9 TDI	06/99-10/02	AGR, ALH	66	H1 659	H1 053 H1 458
	1.9 TDI	06/99-10/02	ASK, ASV	81	H1 659	H1 053 H1 458
Cordoba Vario	1.7 SDI	07/97-06/99	AKU	44	H1 659	
	1.9 SDI	09/96-06/99	AEY	47	H1 659	
	1.9 TDI	08/96-06/99	1Z, AHU	66	H1 659	H1 053 H1 458
	1.9 TDI	07/97-06/99	AFN	81	H1 659	H1 053 H1 458
	1.9 SDI	06/99-12/02	AGP, AQM	50	H1 659	
	1.9 TDI	06/99-12/02	AGR, ALH	66	H1 659	H1 053 H1 458
	1.9 TDI	06/99-12/02	ASK, ASV	81	H1 659	H1 053 H1 458
Exeo	2.0 TDI	12/08-	CAGC, CJCC	88	H1 339	
	2.0 TDI	12/08-	CAGA, CJCA	105	H1 339	
	2.0 TDI	03/09-	CAHA, CGLB	125	H1 339	
Exeo ST	2.0 TDI	12/08-	CAGC, CJCC	88	H1 339	
	2.0 TDI	06/09-	CAGA, CJCA	105	H1 339	
	2.0 TDI	06/09-	CAHA, CGLB	125	H1 339	
Ibiza I	1.7 D	06/84-08/87	022 A.5000	40	H0 605	
	1.7 D	09/87-05/93	022 A.5000	40	H1 002	
	1.7 D	09/87-04/93	022 A.5000	42	H1 002	
Ibiza II	1.7 SDI	07/97-08/99	AKU	44	H1 659	
	1.9 D	04/93-08/96	1Y	47	H1 657	H1 053
	1.9 SDI	08/96-08/99	AEY	47	H1 659	H1 053
	1.9 D	10/94-08/96	1Y	50	H1 657	H1 053
	1.9 TD	03/93-08/96	AAZ	55	H1 657	H1 053
	1.9 TDI	08/96-08/99	1Z, AHU	66	H1 659	H1 053 H1 458



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Ibiza II	1.9 TDI	02/97-08/99	AFN	81	H1 659	H1 053 H1 458
Ibiza III	1.9 SDI	08/99-02/02	AGR, AQM	50	H1 659	
	1.9 TDI	08/99-02/02	AGR, ALH	66	H1 659	H1 053 H1 458
	1.9 TDI	08/99-02/02	ASK, ASV	81	H1 659	H1 053 H1 458
Ibiza IV	1.4 TDI	05/05-11/09	BNM	51	H1 121	
	1.4 TDI	05/02-12/05	AMF	55	H1 121	
	1.4 TDI	06/05-11/09	BNV	59	H1 121	
	1.4 TDI	06/05-	BNV	59	H1 121	
	1.9 SDI	02/02-12/05	ASY	47	H1 121	
	1.9 TDI	02/02-11/09	ATD, AXR	74	H1 121	
	1.9 TDI	02/02-11/09	BMT	74	H5 199	
	1.9 TDI	02/02-11/09	ASZ, BLT	96	H1 121	
	1.9 TDI Cupra R	01/04-	ARL	110	H1 121	
	1.9 TDI Cupra R	03/04-	BPX Ch. No. 70251→	118	H1 121	
Ibiza V	1.2 TDI	05/10-	CFWA	55	H1 339	
	1.4 TDI	07/08-06/10	BMS	59	H5 199	
	1.4 TDI	05/15-	CUSA, qty required:3	55	H1 339	
	1.4 TDI	05/15-	CUSB, qty required:3	66	H1 339	
	1.4 TDI	05/15-	CUTA, qty required:3	77	H1 339	
	1.6 TDI	05/10-06/10	CAYA	55	H1 339	
	1.6 TDI	05/09-	CAYB	66	H1 339	
	1.6 TDI	05/09-	CAYC, CLNA	77	H1 339	
	2.0 TDI	01/10-	CFHD	105	H1 339	
Ibiza V Sportcoupe	1.2 TDI	05/10-	CFWA	55	H1 339	
	1.4 TDI	07/08-06/10	BMS	59	H5 199	
	1.4 TDI	05/15-	CUSA, qty required:3	55	H1 339	
	1.4 TDI	05/15-	CUSB, qty required:3	66	H1 339	
	1.4 TDI	05/15-	CUTA, qty required:3	77	H1 339	
	1.6 TDI	05/10-06/10	CAYA	55	H1 339	
	1.6 TDI	05/09-	CAYB	66	H1 339	
	1.6 TDI	05/09-	CAYC, CLNA	77	H1 339	
	2.0 TDI	01/10-	CFHD	105	H1 339	
Ibiza V ST	1.2 TDI	04/10-	CFWA	55	H1 339	
	1.4 TDI	05/15-	CUSA, qty required:3	55	H1 339	
	1.4 TDI	05/15-	CUSB, qty required:3	66	H1 339	
	1.4 TDI	05/15-	CUTA, qty required:3	77	H1 339	
	1.6 TDI	03/10-	CAYB	66	H1 339	
	1.6 TDI	03/10-	CAYC, CLNA	77	H1 339	
Inca	1.7 D	09/96-06/03	AHB	42	H1 657	H1 053
	1.9 D	11/95-06/03	1Y	47	H1 657	H1 053
	1.9 SDI	11/95-06/03	AEY, AYQ	47	H1 659	
	1.9 TDI	09/96-06/03	ALH	66	H1 659	H1 053 H1 458
Leon	1.6 TDI	11/10-	CAYB	66	H1 339	



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Leon	1.6 TDI	02/10-	CAYC	77	H1 339	
	1.6 TDI	11/12-	CLHA, qty required:3	77	H1 339 *	
	1.6 TDI	11/12-	CLHB, qty required:3	66	H1 339 *	
	1.6 TDI	09/13-	CRKB, CXXB, DBKA, qty required:3	81	H1 339 *	
	1.9 SDI	11/99-06/06	AQM	50	H1 659	
	1.9 TDI	11/99-06/06	AGR, ALH	66	H1 659	H1 053 H1 458
	1.9 TDI	10/05-06/06	AXR	74	H1 127	
	1.9 TDI	11/99-06/06	AHF, ASV	81	H1 659	H1 053 H1 458
	1.9 TDI	05/03-06/06	ASZ	96	H1 121	
	1.9 TDI	02/01-05/02	ARL	110	H1 659	H1 053 H1 458
	1.9 TDI	06/02-06/06	ARL	110	H1 121	H1 458
	1.9 TDI Syncro	05/02-06/06	ARL	110	H1 121	H1 458
	1.9 TDI	09/05-	BKC, BXE	77	H1 127	
	1.9 TDI	06/07-	BXF	66	H1 127	
	1.9 TDI	09/05-	AHF, ASV	81	H1 659	
	1.9 TDI	09/05-	ARL	110	H1 127	
	1.9 TDI	07/05-12/10	BLS	77	H5 199	
	2.0 TDI	05/13-	CRVA, qty required:3	81	H1 339 *	
	2.0 TDI	07/05-05/10	AZV	100	H1 993	
	2.0 TDI	05/13-	CRVC, qty required:3	105	H1 339 *	
	2.0 TDI	10/05-	BMM	103	H1 127	
	2.0 TDI 16V	09/05-	BKD	103	H1 993	
	2.0 TDI 16V	07/05-	CFHC, CLCB	103	H1 339	
	2.0 TDI	10/12-	CKFC CRMB, qty required:3	110	H1 339 *	
	2.0 TDI	05/06-	CEGA, CFJA	125	H1 339	
	2.0 TDI	05/06-	BMN	125	H5 122	
	2.0 TDI	09/12-	CUNA, CUPA, qty required:3	135	H1 339 *	
Leon ST	1.6 TDI	11/13-	CLHB, qty required:3	66	H1 339 *	
	1.6 TDI	10/13-	CLHA, qty required:3	77	H1 339 *	
	1.6 TDI 4Drive	04/14-	CLHA, qty required:3	77	H1 339 *	
	1.6 TDI	09/13-	CRKB, qty required:3	81	H1 339 *	
	1.6 TDI 4Drive	11/14-	CRKB, qty required:3	81	H1 339 *	
	2.0 TDI	11/13-	CRVA, qty required:3	81	H1 339 *	
	2.0 TDI	10/13-	CRVC, qty required:3	105	H1 339 *	
	2.0 TDI	10/13-	CKFC, CRBC, CRLB, CRMB, qty required:3	110	H1 339 *	
	2.0 TDI 4Drive	04/14-	CRBC, CRLB, CRMB, qty required:3	110	H1 339 *	
	2.0 TDI	08/13-	CUNA, CUPA, qty required:3	135	H1 339 *	
Malaga	1.7 D	05/85-08/87	022 A.5000	40	H0 605	
	1.7 D	09/87-08/91	022 A.5000	40	H1 002	
	1.7 D	05/90-12/93	022 A.5000	42	H1 002	
Ronda	1.7 Diesel	06/82-12/86	022 A.5000	40	H0 605	
	1.7 Diesel	06/82-12/86	022 A.5000	41	H0 605	
Terra	1.3 D	03/90-12/94	MN	33	H1 657	H1 053

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Terra	1.4 D	10/90-12/95	1W	35	H1 657	H1 053
Toledo I	1.9 D	12/95-03/99	1Y	47	H1 657	H1 053
	1.9 SDI	12/95-03/99	1Y	47	H1 659	
	1.9 D	05/91-03/99	1Y	50	H1 657	H1 053
	1.9 TD	05/91-03/99	AAZ	55	H1 657	H1 053
	1.9 TDI	08/95-03/99	1Z, AHU	66	H1 659	H1 053 H1 458
	1.9 TDI	11/96-03/99	AFN	81	H1 659	H1 053 H1 458
	1.9 TDI	11/96-03/99	AFN	81	H1 659	H1 053 H1 458
Toledo II	1.9 SDI	11/99-06/04	AQM	50	H1 659	
	1.9 TDI	03/99-07/04	AGR, ALH	66	H1 659	H1 053 H1 458
	1.9 TDI	10/98-07/04	AHF, ASV	81	H1 659	H1 053 H1 458
	1.9 TDI	05/03-05/06	ASZ	96	H1 121	
	1.9 TDI	10/00-07/04	ARL	110	H1 659	H1 458
Toledo III	1.9 TDI	10/04-05/09	BJB, BKC, BXE	77	H1 127	
	1.9 TDI	10/05-	BLS	77	H5 199	
	2.0 TDI 16V	04/04-05/09	BKD	103	H1 993	
	2.0 TDI	09/04-05/09	AZV	100	H1 993	
	2.0 TDI	01/06-05/09	CEGA	125	H1 339	
	2.0 TDI	01/06-05/09	BMN	125	H5 122	
	2.0 TDI	01/06-05/09	BMN	125	H5 122	
Toledo IV	1.6 TDI	06/13-	CAYB	66	H1 339	
	1.6 TDI	07/12-	CAYC, CLNA	77	H1 339	

SKODA

Fabia	1.2 TDI	05/10-12/14	CFWA	55	H1 339	
	1.4 TDI	10/05-03/08	BNM	51	H1 121	
	1.4 TDI	04/03-03/08	AMF	55	H1 121	
	1.4 TDI	10/05-03/08	BNV	59	H1 121	
	1.4 TDI	01/07-03/10	BMS	59	H5 199	
	1.6 TDI	04/10-12/14	CAYA	55	H1 339	
	1.6 TDI	03/10-12/14	CAYB	66	H1 339	
	1.6 TDI	03/10-12/14	CAYC	77	H1 339	
	1.9 SDI	12/99-03/08	ASY	47	H1 659	
	1.9 TDI	01/00-03/08	ATD, AXR	74	H1 659	H1 053 H1 458
	1.9 TDI	04/07-	BSW Ch. No. 5J-7-0 →	77	H1 121	
	1.9 TDI	04/07-03/10	BLS	77	H5 199	
	1.9 TDI	03/07-	BNV	77	H1 121	
	1.9 TDI RS	06/03-03/08	ASZ, BLT	96	H1 121	
Fabia Combi	1.4 TDI	10/05-12/07	BNM	51	H1 121	
	1.4 TDI	04/03-12/07	AMF	55	H1 121	
	1.4 TDI	10/05-12/07	BNV	59	H1 121	
	1.4 TDI	10/07-03/10	BMS	59	H5 199	
	1.2 TDI	05/10-12/14	CFWA	55	H1 339	
	1.6 TDI	04/10-	CAYA	55	H1 339	
	1.6 TDI	03/10-	CAYB	66	H1 339	



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Fabia Combi	1.6 TDI	03/10-	CAYC	77	H1 339	
	1.9 SDI	04/00-12/07	ASY	47	H1 659	
	1.9 TDI	04/00-12/07	ATD, AXR	74	H1 659	H1 053 H1 458
	1.9 TDI	10/07- 03/10	BSW	77	H1 121	
	1.9 TDI	10/07- 03/10	BLS	77	H5 199	
	1.9 TDI	10/07-	BNV	77	H1 121	
	1.9 TDI	10/07-	BNV	77	H1 121	
Fabia (NJ3)	1.4 TDI	05/15-	CUSA, qty required:2	55	H1 339	
	1.4 TDI	08/14-	CUSB, qty required:2	66	H1 339 *	
	1.4 TDI	08/14-	CUTA, qty required:2	77	H1 339 *	
Fabia Estate (NJ5)	1.4 TDI	05/15-	CUSA, qty required:2	55	H1 339	
	1.4 TDI	10/14-	CUSB, qty required:2	66	H1 339 *	
	1.4 TDI	10/14-	CUTA, qty required:2	77	H1 339 *	
Fabia Praktik	1.4 TDI	10/05-12/07	BNM	51	H1 121	
	1.9 SDI	04/02-12/07	ASY	47	H1 121	
Fabia Saloon	1.4 TDI	10/05-12/07	BNM	51	H1 121	
	1.4 TDI	04/03-12/07	AMF	55	H1 121	
	1.4 TDI	10/05-12/07	BNV	59	H1 121	
	1.9 SDI	11/99-12/07	ASY	47	H1 659	
	1.9 TDI	01/00-12/07	ATD, AXR	74	H1 659	H1 053 H1 458
Felicia I	1.9 D	10/95-03/98	AEF	47	H1 657	H1 053
Felicia I Estate	1.9 D	10/95-03/98	AEF	47	H1 657	H1 053
Felicia I Fun	1.9 D	06/97-04/02	AEF	47	H1 657	H1 053
Felicia II	1.9 D	01/98-06/01	AEF	47	H1 657	H1 053
Felicia II Estate	1.9 D	01/98-06/01	AEF	47	H1 657	H1 053
Kodiaq (NS7)	2.0 TDI	03/17	DBGA, DBGC, DFGA	110	H1 339	
	2.0 TDI 4x4	03/17	DFGA	110	H1 339	
	2.0 TDI 4x4	03/17	DFHA	140	H1 339	
Octavia	1.9 SDI	06/97-12/03	AGP, AQM	50	H1 659	H1 458
	1.9 TDI	09/96-03/10	AGR, ALH	66	H1 659	H1 053 H1 458
	1.9 TDI	08/97-01/06	AHF, ASV	81	H1 659	H1 053 H1 458
	1.9 TDI	09/02-09/04	ASZ	96	H1 121	H1 458
	1.9 TDI	06/04-12/10	BJB, BKC,	77	H1 127	
	1.6 TDI	06/09-04/13	CAYC	77	H1 339	
	2.0 TDI	03/10-06/13	CFHF, CLCA	81	H1 339	
	2.0 TDI 16V	02/04-04/13	CFHC, CLCB	103	H1 339	
	2.0 TDI RS	04/06-02/13	CEGA	125	H1 339	
	2.0 TDI RS	04/06-02/13	BMN	125	H5 122	
	2.0 TDI	02/04-05/10	AZV	100	H1 993	
	2.0 TDI 16V	06/04-	BKD	103	H1 993	
	1.9 TDI	10/05-	AXR → Ch. No. 1U 28558122	74	H1 659	
	1.9 TDI	10/05-	AXR Ch. No. 1U 28558122 →	74	H1 121	
	2.0 TDI	11/05-05/10	BMM till Ch. No. 1Z-62195 292 till Ch. Nr. 1Z-68075 879	103	H5 199	

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Octavia	2.0 TDI	01/06-05/10	BMM from Ch. No. 1Z-62195 293 from Ch. Nr. 1Z-68075 880	103	H1 127	
Octavia Combi	1.6 TDI	06/09-04/13	CAYC	77	H1 339	
	1.6 TDI 4x4	06/09-02/13	CAYC	77	H1 339	
	1.9 SDI	07/98-12/03	AGP, AQM	50	H1 659	H1 458
	1.9 TDI	07/98-03/10	AGR, ALH	66	H1 659	H1 053 H1 458
	1.9 TDI 4x4	11/99-02/06	AGR	66	H1 659	H1 053 H1 458
	1.9 TDI 4x4	09/00-01/06	ATD	74	H1 659	H1 053 H1 458
	1.9 TDI	08/00-12/10	ATD, AXR	74	H1 121	H1 458
	1.9 TDI	07/98-01/06	AHF, ASV	81	H1 659	H1 053 H1 458
	1.9 TDI	09/02-09/04	ASZ	96	H1 121	H1 458
	1.9 TDI	09/04-12/10	BJB, BKC, BLS BXE	77	H1 127	
	1.9 TDI 4x4	11/04-12/10	BJB, BKC Ch. No. 70251 →	77	H1 127	
	1.9 TDI 4x4	11/04-	BXE Ch. No. 1Z-621 →	77	H1 127	
	2.0 TDI	11/05-05/10	BMM till Ch. No. 1Z-62195 292 till Ch. Nr. 1Z-68075 879	103	H5 199	
	2.0 TDI	03/10-06/13	CFHF, CLCA	81	H1 339	
	2.0 TDI	05/11-02/13	CFHF	81	H1 339	
	2.0 TDI 16V	02/04-05/10	AZV	100	H1 993	
	2.0 TDI	06/04-	BKD	103	H1 993	
	2.0 TDI 4x4	08/04-	BKD	103	H1 993	
	2.0 TDI	01/06-05/10	BMM from Ch. No. 1Z-62195 293 from Ch. Nr. 1Z-68075 880	103	H1 127	
	2.0 TDI 4x4	07/06-	BMM from Ch. No. 1Z-62195 293 from Ch. Nr. 1Z-68075 880	103	H1 127	
	2.0 TDI 16V	02/04-	BKD	103	H1 993	
	2.0 TDI 16V	02/04-05/13	CFHC, CLCB	103	H1 339	
	2.0 TDI 16V 4x4	05/10-02/13	CFHC	103	H1 339	
	2.0 TDI RS	04/06-02/13	CEGA	125	H1 339	
	2.0 TDI RS	04/06-02/13	BMN	125	H5 122	
Octavia (5E3)	1.6 TDI	11/12-	CLHB, qty required:3	66	H1 339 *	
	1.6 TDI	11/12-	CLHA, qty required:3	77	H1 339 *	
	1.6 TDI 4x4	11/12-	CLHA, qty required:3	77	H1 339 *	
	1.6 TDI	05/13-	CRKB, CXXB, DBKA qty required:3	81	H1 339 *	
	1.6 TDI 4x4	05/15-	CXXB, qty required:3	81	H1 339	
	2.0 TDI	11/12-	CKFB, CRVC, qty required:3	105	H1 339 *	
	2.0 TDI	11/12-	CKFC, CRMB, qty required:3	110	H1 339 *	
	2.0 TDI 4x4	09/14-	CKFC, qty required:3	110	H1 339 *	
	2.0 TDI RS	05/13-	CUNA, CUPA, qty required:3	135	H1 339 *	
Octavia Combi (5E5)	2.0 TDI 4x4	09/14-	CUNA, CUPA, qty required:3	135	H1 339 *	
	1.6 TDI	11/12-	CLHB, qty required:3	66	H1 339 *	
	1.6 TDI	11/12-	CLHA, qty required:3	77	H1 339 *	
	1.6 TDI 4x4	11/12-	CLHA, qty required:3	77	H1 339 *	

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Octavia Combi (5E5)	1.6 TDI	05/13-	CRKB, qty required:3	81	H1 339 *
	1.6 TDI 4x4	05/15-	CXXB, qty required:3	81	H1 339
	2.0 TDI	11/12-	CKFB, CRVC, qty required:3	105	H1 339 *
	2.0 TDI	11/12-	CKFC, CRMB, qty required:3	110	H1 339 *
	2.0 TDI 4x4	11/12-	CKFC, qty required:3	110	H1 339 *
	2.0 TDI RS	05/13-	CUNA, CUPA, qty required:3	135	H1 339 *
	2.0 TDI 4x4	09/14-	CUNA, CUPA, qty required:3	135	H1 339 *
Praktik	1.4 TDI	06/07-	BNM	51	H1 121
	1.4 TDI	06/07-	BNV	59	H1 121
Rapid	1.4 TDI	05/15-	CUSB	66	H1 339
	1.6 TDI	08/13-	CAYB	66	H1 339 *
	1.6 TDI	07/12-	CAYC, CLNA	77	H1 339
	1.6 TDI	05/15-	CXMA	85	H1 339
Roomster	1.2 TDI	03/10-	CFWA	55	H1 339
	1.4 TDI	07/06-03/10	BNM	51	H1 121
	1.4 TDI	09/06-03/10	BNV	59	H1 121
	1.4 TDI	09/06-03/10	BMS	59	H5 199
	1.6 TDI	03/10-	CAYB	66	H1 339
	1.6 TDI	03/10-	CAYC	77	H1 339
	1.9 TDI	09/06-03/10	BSW	77	H1 121
	1.9 TDI	09/06-	BLS	77	H5 199
	1.9 TDI	09/06-	BLS	77	H5 199
Roomster Praktik	1.2 TDI	03/10-	CFWA	55	H1 339
	1.4 TDI	03/07-03/10	BNM	51	H1 121
	1.4 TDI	03/07-03/10	BNV	59	H1 121
	1.4 TDI	03/07-03/10	BMS	59	H5 199
	1.6 TDI	03/10-	CAYB	66	H1 339
Superb	1.6 TDI	03/15-	DCXA, DCZA, qty required:3	88	H1 339
	1.6 TDI	09/10-	CAYC	77	H1 339
	1.9 TDI	08/02-10/05	AVB	74	H1 121
	1.9 TDI	03/08-	BLS, BXE	77	H1 127
	1.9 TDI	12/01-03/08	AVF, AWX	96	H1 121
	2.0 TDI 16V 4X4	11/10-	CFFB	103	H1 339
	2.0 TDI 16V	01/09-	BKD	103	H1 993
	2.0 TDI 16V	01/09-	CFFB, CLJA	103	H1 339
	2.0 TDI	03/15-	CRLB, DFEA, qty required:3	110	H1 339
	2.0 TDI 4x4	03/15-	CRLB, DFEA, qty required:3	110	H1 339
	2.0 TDI	07/08-	CFGB, CBBB	125	H1 339
	2.0 TDI 4X4	09/08-	CFGB, CBBB	125	H1 339
	2.0 TDI	03/15-	DDAA, DFCA, qty required:3	140	H1 339
	2.0 TDI 4x4	03/15-	DDAA, DFCA, qty required:3	140	H1 339
	2.5 TDI	02/02-08/03	AYM	114	H1 961
	2.5 TDI	06/03-03/08	BDG	120	H1 961
	2.5 TDI	06/03-03/08	BDG	120	H1 961
Superb (3T4)	2.0 TDI	03/08-05/10	BMP	103	H5 199
Superb (3U4)	1.9 TDI	10/05-05/07	BSV	77	H5 199
	1.9 TDI	01/07-03/08	BPZ	85	H5 199
	2.0 TDI	10/05-03/08	BSS	103	H5 199
Superb Combi	2.0 TDI	10/09-03/10	BMP	103	H5 199

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Superb Estate	1.6 TDI	03/15-	DCXA, DCZA, qty required:3	88	H1 339
	1.6 TDI	09/10-	CAYC	77	H1 339
	1.9 TDI	10/09-11/10	BLS, BXE	77	H1 127
	2.0 TDI 16V	10/09-	BKD	103	H1 993
	2.0 TDI 16V	10/09-	CFFB, CLJA	103	H1 339
	2.0 TDI 16V 4X4	11/10-	CFFB	103	H1 339
	2.0 TDI	03/15-	CRLB, DFEA, qty required:3	110	H1 339
	2.0 TDI 4x4	03/15-	CRLB, DFEA, qty required:3	110	H1 339
	2.0 TDI	10/09-	CBBB, CFGB	125	H1 339
	2.0 TDI 4X4	10/09-	CBBB, CFGB	125	H1 339
	2.0 TDI	03/15-	DDAA, DFCA, qty required:3	140	H1 339
	2.0 TDI 4x4	03/15-	DDAA, DFCA, qty required:3	140	H1 339
Yeti	1.6 TDI	11/10-	CAYC	77	H1 339
	2.0 TDI	11/09-	CFHA	81	H1 339
	2.0 TDI 4X4	11/09-	CFHF	81	H1 339
	2.0 TDI	11/11-	CFHC	103	H1 339
	2.0 TDI 4X4	05/09-	CBDB, CFHC, CLCB	103	H1 339
	2.0 TDI	05/15-	CUUB	110	H1 339
	2.0 TDI 4x4	05/15-	CUUB	110	H1 339
	2.0 TDI 4X4	09/11-	CEGA/CFJA	125	H1 339

SMART (MCC)

Cabrio	0.8 CDI	03/01-01/04	OM 660 DE 8LA	30	H1 658
City Coupe	0.8 CDI	11/99-01/04	OM 660 DE 8LA	30	H1 658
ForTwo	0.8 CDI	01/04-	OM 660 DE 8LA	30	H1 658
	0.8 CDi	04/07-07/09	OM 660.950	33	H1 658
	0.8 Cdi Coupe	08/09-	OM 660.951	40	H5 185
	0.8 Cdi Cabrio	08/09-	OM 660.951	40	H5 185
ForFour	1.5 CDI	09/04-06/06	OM 639.939	50	H1 123
	1.5 CDI	09/04-06/06	OM 639.939	70	H1 123

SSANGYONG

Actyon	2.0 Xdi	07/07-	D20DT	100	H1 124
	200 Xdi 4WD	07/07-	D20DT	100	H1 124
	2.0 Xdi	11/05-	D20DT	104	H1 124
	2.0 200xdi	10/06-	D20DT	104	H1 124
Actyon SPORTS I	2.0 Xdi	04/07-	D20DT	104	H1 124
	200 Xdi 4WD	04/07-	D20DT	104	H1 124
	2.0 Xdi	09/11-	D20DTR	114	H5 194
	2.0 Xdi 4WD	09/11-	D20DTR	114	H5 194
Actyon SPORTS II	2.0 Xdi	10/12-	D20DTR	114	H5 194
	2.0 Xdi 4WD	10/12-	D20DTR	114	H5 194
Korando	2.0 e-Xdi	11/10-	D20DTF	129	H5 194
	2.0 e-Xdi 4WD	11/10-	D20DTF	129	H5 194
	2.2 D	12/88-12/96	DC23	50	H1 692
	2.3 D	12/96-	OM 601.940	58	H1 078
	2.9 D	12/96-	MB-OM 662	72	H1 078
	2.9 TD	04/98-	MB-OM 601 29TD	88	H1 078
Korando Cabrio	2.9 D	11/97-	MB-OM 662	72	H1 078



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**SSANGYONG**

Korando Cabrio	2.9 TD	04/98-		88	H1 078
Kyron	2.0 Xdi	05/05-	D20DT	104	H1 124
	2.0 Xdi. 4WD	05/05-	D20DT	104	H1 124
	2.7 Xdi	05/05-	D27DT	121	H1 124
	2.7 Xdi	03/06-	D27DT	120	H1 124
	2.0 Xdi	01/10-	D20DT	100	H1 124
	2.0 Xdi 4x4	01/10-	D20DT	100	H1 124
Musso	2.3 D	10/95-	OM 601.940, MB-OM 661	59	H1 078
	2.9 D	03/96-	MB-OM 662	73	H1 078
	2.9 TD	04/98-	MB-OM 601 29TD	88	H1 078
Rexton	2.7 Xdi	08/04-	D27DT	120	H1 124
	2.7 Xdi 4x4	03/11-	D27DT	118	H1 124
	2.7 Xdi Turbo 4X4	03/11-	D27DTP	132	H1 124
	2.7 D 4X4	05/06-	D27DTP	137	H1 124
	2.9 TD	04/02-		88	H1 078
Rexton W	2.0 Xdi	07/12-	D20DTR	114	H5 194
	2.0 Xdi 4WD	07/12-	D20DTR	114	H5 194
Rodius	2.7 Xdi	05/05-	D27DT	120	H1 124
	2.7 Xdi. 4WD	05/05-	D27DT	120	H1 124
	2.7 Xdi	05/05-	D27DT	121	H1 124
	2.7 Xdi. 4WD	05/05-	D27DT	121	H1 124

SUBARU

Forester	2.0 AWD	09/08-	EE20Z	108	H1 411
	2.0 D	03/13-	EE20Z	108	H1 411
Impreza	2.0 D AWD	01/09-	EE20Z	110	H1 411
Legacy IV	2.0 D	02/08-	EE20Z	110	H1 411
	2.0 D AWD	02/08-	EE20Z	110	H1 411
Legacy V	2.0 D	09/09-	EE20Z	110	H1 411
	2.0 D AWD	09/09-	EE20Z	110	H1 411
Outback	2.0 D	09/09-	EE20Z	110	H1 411
Trezia	1.4 D	03/11-	1ND, 1NDTV, 1NRFE	66	H5 181
XV	2.0 D	03/12-	EE20Z	108	H1 411

SUZUKI

Baleno / Kombi	1.9 TD	04/98-05/02		55	H1 656
Grand Vitara II	2.0 TD Intercooler	03/98-	RF	64	H1 789
	2.0 HDi 110	07/01-	RHW, RHZ	80	H1 732
	1.9 DDiS	10/05-	F9QB (for OE No.: 18550-84A51)	95	H1 825
	1.9 DDiS EURO5	10/05-	F9QB (for OE No. 18550-80KA0)	95	H1 393
Ignis II	1.3 DDiS	09/03-	Z13DT	51	H1 859
Jimny	1.5 DDiS 4WD	12/03-	K9K 700	48	H1 825
	1.5 DDiS 4X4	08/05-	K9K 266	63	H1 825
LIANA / Kombi	1.4 DDiS	03/05-	8HY	66	H1 737
Samurai	1.9 TD	11/98-	XUD9	46	H1 086
Swift III	1.3 DDiS	08/05-	Z13DT	51	H1 859
	1.3 DDiS	08/05-	Z 13 DT, D13A	55	H1 859
SX4	1.9 DDiS 4X4	06/06-	D19AA	88	H5 020
	1.9 DDiS	06/06-	D19AA	88	H5 020



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SUZUKI

SX 4	2.0 DDiS	07/09-	D20AA	99	H1 396
	2.0 DDiS 4X4	08/09-	D20AA	99	H1 396
SX4 S-Cross	1.6 DDiS	08/13-	D16AA	88	H1 396
Vitara	1.9 D	01/95-03/98	XUD9A	50	H1 086
	1.9 D	08/96-03/98	XU9	55	H1 656
	2.0 TD	12/94-03/98	RF	52	H1 789
	2.0 TD Intercooler	12/95-03/98	RF	64	H1 789
Vitara Cabrio	1.9 D	01/95-03/98	XUD9A	50	H1 086
	1.9 D	08/96-03/99	XUD9SD	55	H1 656
Wagon R+	1.3 DDiS	09/03-	Z13DT	51	H1 859

TALBOT (Matra, Simca)

Express	1.9 D	11/87-10/90	XUD 9 A	51	H1 002
	2.5 D	07/82-10/94	CRD 93	55	H0 605
	2.5 TD	07/87-	CRD 93 LS	70	H0 605
Horizon	1.9 D	07/82-06/86	XUD 9	47	H1 002
Solara	1.9 D	11/84-07/86	XUD 9	48-65	H1 002
Tagora	2.3 TD	09/81-06/83	XD 2S	59	H1 002

TOYOTA

4 Runner	3.0 TD	10/93-10/95	1KZ-T	92	H1 449
	3.0 TD	11/95-	1KZ-T	92	H1 449
	3.0 Turbo-D	11/95-11/02	1KZ-T	92	H1 449
	3.0 Turbo-D	10/93-03/96	1KZ-T	92	H1 449
Auris	1.4 D-4D	03/07-	1ND-TV	66	H1 144
	1.6 D4-D	04/15	1WW	82	H5 210
	2.0 D-4D	03/07-	1AD-FTV	93	H1 430
	2.2 D	03/07-	2AD-FHV	130	H1 430
Auris Touring Sports	1.6 D4-D	04/15	1WW	82	H5 210
Auris Van	1.4 D-4D	03/07-	1ND-TV	66	H1 144
Avenis	2.0 TD	09/97-07/00	2C-TE	66	H1 919
	2.0 D-4D	10/99-02/03	1CD-FTV	81	H1 145
	2.0 D-4D	04/03-	1CD-FTV	85	H1 145
	2.0 D-4D	11/11-	1AD-FTV	91	H1 430
	2.0 D-4D	03/06-11/08	1AD-FTV	93	H1 430
	2.0 D-4D	11/08-	1AD-FTV	93	H1 430
	2.2 D-4D	10/05-11/08	2AD-FTV	110	H1 430
	2.2 D-4D	11/08-	2AD-FTV, 2AD-FHV	110	H1 430
	2.2 D-4D	11/08-	2AD-FHV	130	H1 430
	2.2 D-CAT	07/05-11/08	2AD-FHV	130	H1 430
Avenis Kombi	1.6 D4-D	04/15	1WW	82	H5 210
	2.0 D-4D	04/03-	1CD-FTV	85	H1 145
	2.0 D-4D	11/11-	1AD-FTV	91	H1 430
	2.0 D-4D	03/06-11/08	1AD-FTV	93	H1 430
	2.0 D-4D	02/09-	1AD-FTV	93	H1 430
	2.0 D-4D	04/15	2WW	105	H5 210
	2.2 D-4D	10/05-11/08	2AD-FTV	110	H1 430
	2.2 D-4D	02/09-	2AD-FTV, 2AD-FHV	110	H1 430
	2.2 D-CAT	07/05-11/08	2AD-FHV	130	H1 430



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TOYOTA

Avensis Kombi	2.2 D-4D	02/09-	2AD-FHV	130	H1 430
	2.2 D-CAT	07/05-11/08	2AD-FHV	130	H1 430
	2.2 D-4D	02/09-		130	H1 430
	2.2 D-4D	02/09-		110	H1 430
Avensis Verso	2.0 D-4D	08/01-	1CD-FTV	85	H1 145
Avensis Hatchback	1.6 D4-D	04/15	1WW	82	H5 210
	2.0 D-4D	04/15	2WW	105	H5 210
	2.2 D-CAT	07/05-11/08		130	H1 430
	2.2 D-4D	02/09-		110	H1 430
	2.2 D-4D	02/09-		130	H1 430
Avensis Station Wagon	2.0 TD	09/97-07/00	2C-TE	66	H1 919
	2.0 D-4D	10/99-02/03	1CD-FTV	81	H1 145
	2.2 D-4D	02/09-	2AD-FHV	130	H1 430
Aygo	1.4 HDi	07/05-	2WZ-TV	40	H1 737
Camry	1.8 Turbo-D	11/83-01/88	1C-TL	54	H1 512
	2.0 Turbo-D	11/86-07/88	2C-T	62	H1 512
	2.0 Turbo-D	08/88-05/91	2C-T	62	H1 919
	2.0 Turbo-D	11/88-05/91	2C-T	63	H1 919
Carina E	2.0 D	04/92-01/96	2C	54	H1 919
	2.0 TD	01/96-09/97	2C-T	61	H1 919
Carina II	2.0 D	02/84-11/87	2C-L	50	H1 512
	2.0 D	12/85-11/87	2C-L	51	H1 512
	2.0 D	12/87-01/92	2C-L	54	H1 919
Corolla	1.4 D	07/04-	1ND-TV	66	H1 144
	1.8 D	07/87-04/92	1C	47	H1 919
	1.8 D	08/89-04/92	1C	49	H1 919
	1.9 D	02/00-01/02	1 WZ	51	H1 731
	2.0 D	07/92-04/97	2C	53	H1 919
	2.0 D	04/97-10/99	2C-E	53	H1 919
	2.0 D-4D	09/00-	1CD-FTV	66	H1 145
	2.0 D-4D	01/02-	1CD-FTV	81	H1 145
	2.0 D-4D	05/03-	1CD-FTV	85	H1 145
Corolla FX Compact	1.8 D	01/85-04/87	1C	43	H1 512
	1.8 D	08/85-04/87	1C-L	47	H1 512
Corolla Kombi	1.4 D	07/04-	1ND-TV	66	H1 144
	2.0 D-4D	01/02-	1CD-FTV	66	H1 145
	2.0 D-4D	04/04-	1CD-FTV	85	H1 145
Corolla Verso	1.4 D4d	03/04-	1ND-TV	66	H1 144
	2.0 D-4D	01/02-05/04	1CD-FTV	66	H1 145
	2.0 D-4D	04/04-	1CD-FTV	85	H1 145
	2.2 D-4D	10/05-09/08	2AD-FTV	100	H1 430
	2.2 D-4D	10/05-03/09	2AD-FHV	130	H1 430
Dyna	3.0 D4d	09/06-		80	H1 446
	3.0 D4d	10/09-		100	H1 446
	3.0 D4d	09/06-		106	H1 446
Echo	1.4 D4d	01/00-03/03	1ND-TV	55	H1 144
Fortuner	2,5 D-4D 4WD	01/09-	2KD-FTV	75	H1 145



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Fortuner	2,5 D-4D 4X4	01/09-	2KD-FTV	106	H1 145
	3,0 D	08/09-	1KD-FTV	120	H1 446
	3,0 D	08/09-	1KD-FTV	125	H1 446
Hiace II	2.2 D	03/83-07/85	L	49	H1 605
	2.4 D 4WD	01/87-01/88	2L	54	H1 605
	2.4 D	08/84-08/89	2L	55	H1 605
	2.4 D	05/84-11/89	2L	55	H1 667
Hiace III	2.4 D	08/89-08/95	2L	55	H1 667
	2.4 D 4WD	08/89-08/85	2L	55	H1 667
	2.4 D	10/93-08/95	2L	57	H1 667
Hiace IV	2.4 D	07/99-	2L	55	H1 667
	2.4 D	08/95-	2L	58	H1 667
	2.4 TD	08/95-	2L-T	66	H1 667
	2.4 TD 4WD	08/95-	2L-T	66	H1 667
	2.5 D-4D	11/01-	2KD-FTV	65	H1 446
	2.5 D-4D	11/01-	2KD-FTV	75	H1 446
	2.5 D-4D 4WD	11/01-	2KD-FTV	75	H1 446
Hiace V	2.5 D-4D	08/06-	2KD-FTV	70	H1 446
Hilux II Pick-up	2.4 D	07/98-01/02	2L	55	H1 667
	2.4 D	03/95-08/97	2L	58	H1 667
	2.4 D 4WD	01/94-	2L	58	H1 667
	2.4 D	01/92-	2L	59	H1 667
	2.4 D	08/88-	2L	61	H1 667
	2.4 D 4WD	08/88-	2L	61	H1 667
	2.4 TD 4WD	08/98-01/02	2L-T	66	H1 667
	2.5 D-4D	11/01-	2KD-FTV	65	H1 446
	2.5 D-4D 4WD	11/01-	2KD-FTV	75	H1 446
Hilux III Pick-up	3.0 D-4D 4X4	12/07-		126	H1 446
IQ	1.4 D-4D	01/09-	1ND-TV	66	H1 144
Land Cruiser	2.4 D	11/84-10/85	2L	53	H1 605
	2.4 TD	10/85-12/89	2L-T	63	H1 809
	2.4 TD	01/90-05/90	2L-T	63	H1 667
	2.4 TD	01/90-05/93	2L-T	66	H1 667
	3.0 D-4D	01/03-02/10	1KD-FTV	120	H1 446
	3.0 D-4D	08/04-02/10	1KD-FTV	122	H1 446
	3.0 D-4D	08/04-07/09	1KD-FTV	150	H1 145
	3.0 D-4D	01/07-02/10	1KD-FTV	127	H1 446
	3.0 D-4D	01/10-	1KD-FTV	140	H1 145
	3.0 TD	05/93-05/96		92	H1 449
	3.4 D	11/84-12/89	3B	70	H1 755
	3.4 D	01/90-12/96	3B	70	H1 919
	4.0 Turbo-D	10/85-12/89	12HT	100	H1 213
	4.2 TD	01/90-	1H-Z	96	H1 755
	4.5 D4-D	01/12-	1VD-FTV	200	H1 430
	4.5 D V8	01/08-	1VD-FTV	210	H1 430
Land Cruiser 80	4.2 D	01/90-12/97	1H-Z	99	H1 919
	4.2 TD	10/92-12/97	1HD-T	118	H1 919



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Land Cruiser 80	4.2 TD	01/90-12/97	1HD-T	123	H1 919
Land Cruiser 90	3.0 TD	04/96-	1KZ-TE	92	H1 449
	3.0 D-4D	10/00-	1KD-FTV	120	H1 446
Land Cruiser 150	3.0 D-4D	03/10-	1KD-FTV	127	H1 446
	3.0 D-4D	01/10-	1KD-FTV	140	H1 446
Liteace	1.8 D	10/85-08/88	1C	46	H1 512
	2.0 D	01/92-05/94	2C	51	H1 711
	2.0 D	08/88-01/92	2C	53	H1 919
	2.0 D	01/92-05/94	2C	53	H1 711
Picnic	2.2 D	08/97-12/01	3C-TE	66	H1 449
Previa	2.0 D-4D	03/01-	1CD-FTV	85	H1 145
Probox / succeed	1.4 D4d	07/02-	1ND-TV	55	H1 144
Rav 4 II	2.0 D-4D 4WD	09/01-	1CD-FTV	85	H1 145
Rav 4 III	2.2 D-4D	12/08-	2AD-FHV	110	H1 430
	2.2 D-4D 4WD	12/08-	2AD-FHV, 2AD-FTV	110	H1 430
	2.2 D-CAT 4WD	03/06-	2AD-FHV	130	H1 430
	2.2 D-CAT	03/06-	2AD-FHV	130	H1 430
Rav 4 IV	2.0 D-4D	10/15	2WW	105	H5 210
	2.2 D4-D 4WD	12/12-	2AD-FHV, 2AD-FTV	110	H1 430
Starlet	1.5 D	12/86-12/89	1N	40	H1 605
	1.5 D	12/89-03/96	1N	40	H1 667
Urban cruiser	1.4 D-4D	04/09-	1ND-TV	66	H1 144
	1.4 D-4D 4X4	04/09-	1ND-TV	66	H1 144
Verso s	1.4 D4-D	11/10-	1ND-TV	66	H1 144
Verso	1.6 D4-D	11/13	1WW	82	H5 210
	2.0 D-4D	11/12-	1AD-FTV	91	H1 430
	2.0 D-4D	04/09-	1AD-FTV	93	H1 430
	2.2 D-4D	04/09-	2AD-FHV	110	H1 430
	2.2 D-CAT	04/09-	2AD-FHV	130	H1 430
Yaris	1.4 D-4D	12/01-09/05	1ND-TV	55	H1 144
	1.4 D-4D	01/06-08/11	1ND-TV	66	H1 144
	1.4 D-4D	09/11-	1ND-TV	66	H1 144
Yaris Verso	1.4 D-4D	12/01-09/05	1ND-TV	55	H1 144

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425 PP Promiscuo	08/81-	engine Peugeot	H1 002
468 B TD	-04/86	VM	H1 005
469 B	-11/85	engine Peugeot	H1 002

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Agila Mk II	1.3 CDTi	01/08-	D13A / Z 13 DTJ	55	H1 859
Antara	2.0 CDTi	08/06-	Z 20 DM	93	H5 191
	2.0 CDTi FWD	08/06-	Z 20 DMH	110	H5 191
	2.0 CDTi	08/06-	Z 20 DMH	110	H5 191
Arena Combi	1.9 D	03/98-08/01	F8Q 600/606	44	H1 709
	2.5 D	03/98-08/01	S8U 758/780/782	55	H1 826
Arena Van	1.9 D	03/98-08/01	F8Q 600/606	44	H1 709
	2.5 D	03/98-08/01	S8U 758/780/782	55	H1 826
Astra Estate	1.6 D	02/82-08/86	16 D	40	H1 002



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Astra GTC Mk VI	1.7 CDTi	10/11-	A 17 DTJ	81	H1 860
	1.7 CDTi	10/11-	A 17 DTC	81	H5 016
	1.7 CDTi	10/11-	A 17 DTS	96	H5 016
	2.0 CDTi	10/11-	A 20 DTH	121	H1 396 *
	2.0 CDTi BiTurbo	12/12-	A 20 DTR	143	H1 396 *
Astra Hatchback	1.6 D	03/82-08/86	16 D	40	H1 002
Astra Mk II Belmont	1.5 DT	01/88-08/90	15 DT (T4EC1)	49	H1 691
	1.5 DT	01/87-08/89	15 DT	53	H1 691
	1.6 D	09/85-08/91	16 DA	40	H1 002
	1.7 D	01/89-12/91	17 D	42	H1 002
Astra Mk II CC	1.6 D	09/84-12/89	16 DA	40	H1 002
	1.7 D	01/89-08/91	17 DR	42	H1 002
Astra Mk II Estate	1.5 DT	01/88-08/91	15 DT (T4EC1)	49	H1 691
	1.7 D	02/89-08/91	17 D	42	H1 002
Astra Mk II Hatchback	1.6 D	09/84-12/89	16 DA	40	H1 002
	1.7 D	01/89-08/91	17 DR	42	H1 002
Astra Mk III	1.7 D	03/92-09/92	17 D	42	H1 002
	1.7 D	07/92-09/98	17 DR	44	H1 002
	1.7 TD	11/94-09/98	X 17 DTL	50	H1 656
	1.7 TD	12/91-09/98	17 DT (TC4EE1)	60	H1 920
Astra Mk III CC	1.7 D	09/91-12/94	17 DR	44	H1 002
	1.7 TD	11/94-02/98	17 DT (TC4EE1) →Engine Nr. 731416	60	H0 710
	1.7 TD	12/91-02/98	17 DT (TC4EE1) Engine Nr. 731417 →	60	H1 691
Astra Mk III Estate	1.7 D	12/91-02/98	17 D	42	H1 002
	1.7 D	03/91-12/94	17 DR	44	H1 656
	1.7 TD	12/91-02/98	17 DT (TC4EE1) →Engine Nr. 731416	60	H0 710
	1.7 TD	12/91-02/98	17 DT (TC4EE1) Engine Nr. 731417 →	60	H1 691
	1.7 TD	12/91-02/98	17 DT (TC4EE1) Engine Nr. 956633 →	60	H1 920
	1.7 TD	01/94-02/98	X 17 DTL	50	H1 656
	1.7 D	12/91-02/98	17 D	42	H1 002
Astra Mk III Hatchback	1.7 D	09/91-12/94	17 DR	44	H1 002
	1.7 TD	11/94-02/98	X 17 DTL	50	H1 656
	1.7 TD	12/91-02/98	17 DT (TC4EE1) →Engine Nr. 731416	60	H0 710
	1.7 TD	12/91-02/98	17 DT (TC4EE1) Engine Nr. 731417 →	60	H1 691
	1.7 TD	12/91-02/98	17 DT (TC4EE1) Engine Nr. 956633 →	60	H1 920
	1.7 D	12/91-02/98	17 D	42	H1 002
Astra Mk IV	1.7 DTi 16V	02/00-	Y 17 DT	55	H1 860
	1.7 CDTi 16V	04/03-	Z 17 DTL	59	H1 860
	1.7 TD	02/98-08/00	X 17 DTL	50	H1 656
	2.0 DI	09/98-	X 20 DTL, Y 20 DTL	60	H1 090
	2.0 DTi 16V	08/99-	X 20 DTH, Y 20 DTH	74	H1 090
Astra Mk IV Estate	1.7 DTi 16V	02/00-	Y 17 DT	55	H1 860
	1.7 CDTi 16V	04/03-	Z 17 DTL	59	H1 860
	1.7 TD	02/98-08/00	X 17 DTL	50	H1 656
	2.0 DI	02/98-	X 20 DTL, Y 20 DTL	60	H1 090
	2.0 DTi 16V	08/99-	X 20 DTH, Y 20 DTH	74	H1 090
Astra Mk IV Hatchback	1.7 DTi 16V	02/00-	Y 17 DT	55	H1 860
	1.7 CDTi 16V	04/03-	Z 17 DTL	59	H1 860

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Astra Mk IV Hatchback	1.7 TD	02/98-08/00	X 17 DTL	50	H1 656
	2.0 DI	02/98-	X 20 DTL, Y 20 DTL	60	H1 090
	2.0 DTi 16V	08/99-	X 20 DTH, Y 20 DTH	74	H1 090
Astra Mk V CC	1.3 CDTi	08/05-	Z 13 DTH	66	H1 859
	1.7 CDTi	03/04-	Z 17 DTL	59	H1 860
	1.7 CDTi	03/04-	Z 17 DTH	74	H1 860
	1.9 CDTi	08/05-	Z 19 DT	88	H1 802
	1.9 CDTi 16V	04/04-	Z 19 DTJ	88	H1 816
	1.9 CDTi	06/04-	Z 19 DTH	110	H1 816
Astra Mk V Estate	1.3 CDTi	08/04-03/09	Z 13 DTH	66	H1 859
	1.7 CDTi	08/04-	Z 17 DTH	74	H1 860
	1.9 CDTi 16V	08/04-	Z 19 DTJ	88	H1 816
	1.9 CDTi	08/04-03/09	Z 19 DT	88	H1 816
	1.9 CDTi	08/04-03/09	Z 19 DTH	110	H1 816
Astra Mk V Hatchback	1.3 CDTi	01/04-05/09	Z 13 DTH	66	H1 859
	1.7 CDTi	03/04-	Z 17 DTL	59	H1 860
	1.7 CDTi	03/04-	Z 17 DTH	74	H1 860
	1.9 CDTi	01/04-05/09	Z 19 DT	88	H1 816
	1.9 CDTi 16V	01/04-05/09	Z 19 DTJ	88	H1 816
	1.9 CDTi	01/04-05/09	Z 19 DTH	110	H1 816
Astra Mk V Sport Hatch	1.7 CDTi	02/05-	Z 17 DTH	74	H1 860
	1.9 CDTi	02/05-11/10	Z 19 DT	88	H1 802
	1.9 CDTi	02/05-11/10	Z 19 DTH	110	H1 816
Astra Mk VI	1.3 CDTi	12/09-	A 13 DTE	70	H1 394
	1.6 CDTi	11/13-	B 16 DTL	81	H5 192
	1.6 CDTi	11/13-	B 16 DTH	100	H5 192
	1.7 CDTi	12/09-	A 17 DTJ	81	H1 860
	1.7 CDTi	12/09-	A 17 DTC	81	H5 016
	1.7 CDTi	12/09-	A 17 DTR	92	H1 860
	1.7 CDTi	06/11-	A 17 DTS	96	H5 016
	2.0 CDTi	12/09-	A 20 DTH	118	H1 396 *
	2.0 CDTi	08/11-	A 20 DTH	121	H1 396 *
	2.0 CDTi BiTurbo	12/12-	A 20 DTR	143	H1 396 *
Astra Mk VI Sports Tourer	1.6 CDTi	01/14-	B 16 DTL	81	H5 192
	1.6 CDTi	01/14-	B 16 DTH	100	H5 192
	1.7 CDTi	10/10-	A 17 DTJ	81	H1 860
	1.7 CDTi	10/10-	A 17 DTC	81	H5 016
	1.7 CDTi	10/10-	A 17 DTR	92	H1 860
	1.7 CDTi	06/11-	A 17 DTS	96	H5 016
	2.0 CDTi	10/10-	A 20 DTH	118	H1 396 *
	2.0 CDTi	08/11-	A 20 DTH	121	H1 396 *
	2.0 CDTi BiTurbo	12/12-	A 20 DTR	143	H1 396 *
Astra TwinTop Mk V	1.9 CDTi	01/06-	Z 19 DTH	110	H1 816
Astravan Mk III	1.7 D	01/91-08/94	17 DR	44	H1 656
	1.7 TD	01/94-08/98	X 17 DTL	50	H1 656
Astravan Mk IV	1.7 CDTi	04/04-	Z 17 DTL	59	H1 860
	1.7 TD	08/98-	X 17 DTL	50	H1 656

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Astravan Mk IV	2.0 DI	08/98-	X 20 DTL	60	H1 090
	2.0 DTi	04/04-	Y 20 DTH	74	H1 090
Astravan Mk V	1.3 CDTi	08/05-	Z 13 DTH	66	H1 859
	1.7 CDTi	03/05-03/07	Z 17 DTH	74	H1 860
	1.9 CDTi	03/05-07/07	Z 19 DT	88	H1 802
	1.9 CDTi	03/05-11/11	Z 19 DTH	110	H1 816
Brava Pickup	2.2 D	08/91-09/96	C223	39	H1 692
	2.2 D 4X4	08/91-09/96	C223	39	H1 692
	2.5 D	08/91-06/94	4 JA1	56	H1 002
	2.5 D 4X4	06/90-06/94	4 JA1T	56	H1 125
	2.5 TD	07/94-	4 JA1T	56	H1 125
	2.5 TD 4X4	07/94-	4 JA1T	56	H1 125
	2.5 DTi	08/01-	4 JA1	74	H1 125
	2.5 DTi 4X4	08/01-	4 JA1	74	H1 125
Carlton Mk II	2.3 D	05/83-08/86	23 D	52	H1 002
Carlton Mk II Estate	2.3 D	05/93-08/86	23 D	52	H1 002
Carlton Mk III	2.3 D	09/86-03/94	23 YD	54	H1 656
	2.2 TD	10/86-08/88	23 YDT	66	H1 656
	2.3 TD Interc.	08/88-03/94	23 DTR	74	H1 002
Carlton Mk III Estate	2.3 D	09/86-03/94	23 YD	54	H1 656
	2.2 TD	09/86-08/88	23 YDT	66	H1 656
	2.3 TD Interc.	09/88-03/94	23 DTR	74	H1 002
Cavalier Mk II	1.6 D	03/82-08/88	16 D, 16 DA	40	H1 002
Cavalier Mk II Estate	1.6 D	03/82-08/88	16 DA	40	H1 002
Cavalier Mk II Hatchback	1.6 D	03/82-08/88	16 D, 16 DA	40	H1 002
Cavalier Mk III	1.7 D	09/88-09/92	17 D	42	H1 002
	1.7 DT	09/88-11/95	17 DT (TC4EE1) →Engine Nr. 731417	60	H1 692
	1.7 DT	09/88-11/95	17 DT (TC4EE1) Engine Nr. 731418 →	60	H1 920
	1.7 D	07/92-11/95	17 DR	44	H1 656
Cavalier Mk III Hatchback	1.7 D	09/88-09/92	17 D	42	H1 002
	1.7 TD	09/88-11/95	17 DT (TC4EE1) →Engine Nr. 731417	60	H1 692
	1.7 TD	09/88-11/95	17 DT (TC4EE1) Engine Nr. 731418 →	60	H1 920
	1.7 D	07/92-11/95	17 DR	44	H1 656
Combo Mk I	1.7 D	04/96-10/01	17 D (4EE1), X 17 D (4EE1)	44	H1 920
Combo Mk II	1.3 CDTi 16V	10/05-	Z 13 DTJ	55	H1 859
	1.7 DI 16V	09/01-	Y 17 DTL	48	H1 860
	1.7 DTi 16V	10/01-	Y 17 DT	55	H1 860
	1.7 CDTi 16V	12/04-	Z 17 DTH	74	H1 860
Combo Mk III	1.6 CDTi	11/11-	A 16 FDL	66	H1 396
	1.6 CDTi	11/11-	A 16 FDH	74	H1 396
	1.6 CDTi	11/11-	A 16 FDH	77	H1 396
	2.0 CDTi	11/11-	A 20 FD	99	H1 396
Corsa	1.5 D	03/93-09/00	15 D (4EC1)	37	H1 920
	1.5 TD	03/93-10/96	15 DT (T4EC1), X 15 DT (T4EC1)	49	H1 920
	1.7 D	02/96-09/00	17 D (4EE1), X 17 D (4EE1)	44	H1 920
Corsa Mk II	1.3 CDTi 16V	08/00-09/06	Z 13 DT	52	H1 859
	1.7 DI 16V	09/00-	Y 17 DTL	48	H1 860



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Corsa Mk II	1.7 DTI 16V	09/00-	Y 17 DTL	55	H1 860
	1.7 CDTI 16V	04/04-	Z 17 DTH	74	H1 860
Corsa Mk III	1.7 CDTI	11/06-	A 17 DTS	96	H5 016
	1.3 CDTI	11/06-	A 13 DTC, Z 13 DTJ	55	H1 859
	1.3 CDTI	11/06-	Z 13 DTH	66	H1 859
Corsa Mk IV	1.3 CDTI	08/14-	B 13 DTC	55	H5 158
	1.3 CDTI	08/14-	B 13 DTE	70	H5 158
Corsavan	1.7 D	04/96-09/00	17 D (4EE1), X 17 D (4EE1)	44	H1 920
Corsavan Mk II	1.3 CDTI 16V	04/04-06/06	Z 13 DT	52	H1 859
	1.7 DI 16V	09/00-	Y 17 DTL	48	H1 860
	1.7 DTI 16V	09/00-	Y 17 DT	55	H1 860
Corsavan Mk III	1.3 CDTI	07/06-	Z 13 DTJ	55	H1 859
	1.3 CDTI	07/06-	Z 13 DTE	70	H1 394
Corsavan Mk IV	1.3 CDTI	10/14-	B 13 DTC	55	H5 158
	1.3 CDTI	10/14-	B 13 DTE	70	H5 158
Frontera	2.3 TD	03/92-10/98	23 DTR	74	H1 002
	2.5 TDS	11/91-06/98	25 TDS (VM41B)	85	H1 810
	2.8 TD	03/95-10/98	28 TDI (4JB1T)	83	H1 125
Frontera Mk II	2.2 DTI	10/98-08/00	X 22 DTH, Y 22 DTH	85	H1 090
	2.2 DTI	09/00-	X 22 DTH, Y 22 DTH	85	H1 112
Frontera Sport	2.5 TDS	09/96-10/98	25 TDS (VM41B)	85	H1 810
	2.8 TD	03/95-08/96	28 TDI (4JB1T)	83	H1 125
Insignia	2.0 CDTI 4X4	07/08-	A 20 DTH, qty required:2	118	H1 396 *
	2.0 CDTI	07/08-	A 20 DTC, qty required:2	81	H1 396 *
	2.0 CDTI	07/08-	A 20 DTJ, qty required:2	96	H1 396 *
	2.0 CDTI 4x4	07/08-	A 20 DTH, qty required:2	118	H1 396 *
	2.0 CDTI	07/13-	A 20 DTH, qty required:2	120	H1 396 *
	2.0 CDTI 4x4	07/13-	A 20 DTH, qty required:2	120	H1 396 *
Insignia Sports Tourer	2.0 CDTI	07/08-	A 20 DTC, qty required:2	81	H1 396 *
	2.0 CDTI	07/08-	A 20 DTJ, qty required:2	96	H1 396 *
	2.0 CDTI	07/08-	A 20 DTH, qty required:2	118	H1 396 *
	2.0 CDTI 4x4	07/08-	A 20 DTH, qty required:2	118	H1 396 *
	2.0 CDTI	07/13-	A 20 DTH, qty required:2	120	H1 396 *
	2.0 CDTI 4x4	07/13-	A 20 DTH, qty required:2	120	H1 396 *
Meriva Mk I	1.3 CDTI	01/09-10/09	Z 13 DTJ	55	H1 859
	1.7 CDTI 16V	04/04-	Z 17 DTH	74	H1 860
	1.7 CDTI	08/06-	Z 17 DTR	92	H1 860
Meriva Mk II	1.3 CDTI	06/10-	A 13 DTC	55	H1 394
	1.6 CDTi	11/13-	B 16 DTH	100	H5 192
	1.7 CDTI	06/10-	A 17 DT	74	H1 860
	1.7 CDTI	06/10-	A 17 DTC	81	H5 016
	1.7 CDTI	06/10-	A 17 DTS	96	H5 016
Midi II	2.4 TD	09/94-	4FG1T	56	H0 710
	2.4 TD	09/94-	4FG1T	56	H1 691
	2.4 TD 4X4	01/94-07/96	4FG1T	56	H0 710
	2.4 TD 4X4	01/94-07/96	4FG1T	56	H1 691
Monterey Mk II	3.0 DTI	07/98-08/99	4 JX1	117	H1 918

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Movano Chassis/Cab	2.2 DTI	09/00-	G9T 720	66	H1 977
	2.5 D	10/98-09/00	S8U 770	59	H1 126
	2.5 CDTI	04/04-	G9U 754	74	H1 977
	2.5 DTI	10/01-	G9U 720/724/750/754	84	H1 977
	2.8 DTI	10/98-10/01	S9W 702	84	H0 903
Movano Combi	1.9 DTI	09/00-10/01	F9Q 770	59	H1 825
	1.9 DTI	10/01-	F9Q 774	60	H1 825
	2.2 DTI	09/00-	G9T 720	66	H1 977
	2.5 D	10/98-09/00	S8U 770	59	H1 126
	2.5 CDTI	04/04-	G9U 754	74	H1 977
	2.5 DTI	10/01-	G9U 720/724/750/754	84	H1 977
	2.8 DTI	10/98-10/01	S9W 702	84	H0 903
Movano Van	1.9 DTI	09/00-10/01	F9Q 770	59	H1 825
	1.9 DTI	10/01-	F9Q 774	60	H1 825
	2.2 DTI	09/00-	G9T 720	66	H1 977
	2.5 D	10/98-09/00	S8U 770	59	H1 126
	2.5 CDTI	04/04-	G9U 754	74	H1 977
	2.5 DTI	10/01-	G9U 720/724/750/754	84	H1 977
	2.8 DTI	10/98-10/01	S9W 702	84	H0 903
Nova	1.5 D	09/87-02/93	15 D (4EC1)	37	H1 692
	1.5 TD	01/90-02/93	15 DT (T4EC1) → Engine Nr. 804794	49	H0 710
	1.5 TD	01/90-02/93	15 DT (T4EC1) Engine Nr. 804795 →	49	H1 691
Nova CC	1.5 D	09/87-03/93	15 D (4EC1)	37	H1 692
Nova Hatchback	1.5 D	09/87-03/93	15 D (4EC1)	37	H1 692
	1.5 TD	01/90-03/93	15 DT (T4EC1) → Engine Nr. 804794	49	H0 710
	1.5 TD	01/90-03/93	15 DT (T4EC1) Engine Nr. 804795 →	49	H1 691
Novavan	1.5 D	01/91-10/94	15 D (4EC1) Engine Nr. 804795 →	37	H1 692
Omega	2.0 DTI 16V	10/98-09/00	X 20 DTH	74	H1 090
	2.2 DTI 16V	09/00-	Y 22 DTH	88	H1 112
	2.5 TD	04/94-02/01	25 DT, X 25 DT	96	H1 792
	2.5 DTI 24V	09/01-	Y 25 DT	110	H1 119
Omega Estate	2.0 DTI 16V	10/98-09/00	X 20 DTH	74	H1 090
	2.2 DTI 16V	09/00-	Y 22 DTH	88	H1 112
	2.5 TD	04/94-02/01	25 DT, X 25 DT	96	H1 792
	2.5 DTI 24V	09/01-	Y 25 DT	110	H1 119
Royale	2.2 TD	11/84-08/87	23 TD	63	H1 656
Signum	1.9 CDTI	04/04-03/08	Z 19 DT	88	H1 802
	1.9 CDTI 16V	04/04-03/08	Z 19 DTH	110	H1 816
	2.0 DTI	05/03-	Y 20 DTH	74	H1 112
	2.2 DTI	05/03-	Y 22 DTR	92	H1 112
	3.0 CDTI	05/03-	Y 30 DT	130	H1 192
	3.0 V6 CDTI	09/05-	Z 30 DT	135	H1 192
Sintra	2.2 DTI	07/97-04/99	X 22 DTH	85	H1 090
Tigra Twin Top	1.3 CDTI	06/04-08/09	Z 13 DT	51	H1 859
Vectra	1.7 TD	10/95-11/96	X 17 DT (TC4EE1)	60	H1 920
	2.0 DI 16V	11/96-07/99	X 20 DTL	60	H1 091
	2.0 DI 16V	08/99-	X 20 DTL	60	H1 090



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Vectra	2.0 DTI 16V	06/97-08/00	X 20 DTH, Y 20 DTH	74	H1 090
	2.0 DTI 16V	09/00-	X 20 DTH, Y 20 DTH	74	H1 112
	2.2 DTI 16V	09/00-	Y 22 DTR	92	H1 112
Vectra Estate	2.0 DI 16V	11/96-07/99	X 20 DTL	60	H1 091
	2.0 DI 16V	08/99-	X 20 DTL	60	H1 090
	2.0 DTI 16V	06/97-08/00	X 20 DTH, Y 20 DTH	74	H1 090
	2.0 DTI 16V	09/00-	X 20 DTH, Y 20 DTH	74	H1 112
	2.2 DTI 16V	09/00-	Y 22 DTR	92	H1 112
Vectra Hatchback	1.7 TD	10/95-11/96	X 17 DT (TC4EE1)	60	H1 920
	2.0 DI 16V	11/96-07/99	X 20 DTL	60	H1 091
	2.0 DI 16V	08/99-	X 20 DTL	60	H1 090
	2.0 DTI 16V	06/97-08/00	X 20 DTH, Y 20 DTH	74	H1 090
	2.0 DTI 16V	09/00-	X 20 DTH, Y 20 DTH	74	H1 112
	2.2 DTI 16V	09/00-	Y 22 DTR	92	H1 112
Vectra Mk II	1.9 CDTI	10/05-	Z 19 DTL	74	H1 802
	1.9 CDTI	04/04-07/07	Z 19 DT	88	H1 802
	1.9 CDTI 16V	04/04-	Z 19 DTH	110	H1 816
	2.0 DTI 16V	04/02-	Y 20 DTH	74	H1 112
	2.2 DTI 16V	04/02-	Y 22 DTR	92	H1 112
	3.0 V6 CDTI	06/03-	Y 30 DT	130	H1 192
	3.0 CDTI	08/05-	Z 30 DT	135	H1 192
Vectra Mk II Estate	1.9 CDTI	10/05-	Z 19 DTL	74	H1 802
	1.9 CDTI	04/04	Z 19 DT	88	H1 802
	1.9 CDTI 16V	04/04-	Z 19 DTH	110	H1 816
	2.0 DTI 16V	04/02-	Y 20 DTH	74	H1 112
	2.2 DTI 16V	04/02-	Y 22 DTR	92	H1 112
	3.0 V6 CDTI	06/03-	Y 30 DT	130	H1 192
	3.0 CDTI	08/05-	Z 30 DT	135	H1 192
Vectra Mk II GTS	1.9 CDTI	10/05-	Z 19 DTL	74	H1 802
	1.9 CDTI	04/04-07/07	Z 19 DT	88	H1 802
	1.9 CDTI 16V	04/04-	Z 19 DTH	110	H1 816
	2.0 DTI 16V	04/02-	Y 20 DTH	74	H1 112
	2.2 DTI 16V	04/02-	Y 22 DTR	92	H1 112
	3.0 V6 CDTI	06/03-	Y 30 DT	130	H1 192
	3.0 CDTI	08/05-	Z 30 DT	135	H1 192
Vivaro	1.9 DI	08/01-	F9Q 770	59	H1 825
	1.9 DTI	08/01-	F9Q 760	74	H1 825
	2.5 DTI	04/04-	G9U 730	99	H1 977
	2.5 CDTI	08/06-	G9U 730	107	H1 977
	2.5 CDTI	01/06-	G9U 630	107	H1 977
Vivaro Box	1.9 DI	08/01-	F9Q 770	59	H1 825
	1.9 DTI	08/01-	F9Q 760	74	H1 825
	2.5 DTI	04/04-	G9U 730	99	H1 977
Zafira	2.0 DI 16V	10/99-08/05	X 20 DTL	60	H1 090
	2.0 DTI 16V	04/99-08/05	Y 20 DTH	74	H1 090
	2.2 DTI 16V	01/02-	Y 22 DTR	92	H1 112
Zafira Mk II	1.7 CDTI	04/09-	Z 17 DTJ	81	H1 860



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Zafira Mk II	1.9 CDTi	07/05-	Z 19 DTH	110	H1 816
	1.9 CDTi	07/05-	Z 19 DT	88	H1 802
Zafira Mk III	2.0 CDTi	10/11-	A 20 DTL	81	H1 396 *
	2.0 CDTi	10/11-	A 20 DT, Y 20 DTJ, Z 20 DTJ	96	H1 396 *
	1.6 CDTi	03/13-	B 16 DTH	100	H5 192

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Amarok	2.0 TDI	07/12-	CNFB	103	H1 339
	2.0 TDI 4motion	06/12-	CNFB	103	H1 339
	2.0 BiTDI	09/10-	CDCA	120	H1 339
	2.0 BiTDI 4motion	09/10-	CDCA	120	H1 339
	2.0 TDI	09/10-	CDBA, CNFA	90	H1 339
	2.0 TDI 4motion	09/10-	CDBA, CNFA	90	H1 339
	2.0 TDI 4motion	11/11-	CNEA, CSHA	132	H1 339
AMAROK (2H_,S1B)	3.0 TDI 4motion	06/16-	DDXC	165	H1 339
	3.0 TDI 4motion	06/16-	DDXB	150	H1 339
Beetle	1.6 TDI	10/11-	CAYC	77	H1 339
	1.9 TDI	01/98-02/01	ALH	66	H1 659 H1 458
	1.9 TDI	02/01-10/01	ATD	74	H1 659
	1.9 TDI	11/01-	BEW	74	H5 199
	1.9 TDI	02/01-09/10	ATD from Ch.No.: 9C-2-623 845	74	H1 121
	1.9 TDI	07/05-09/10	BSW	77	H1 127
	2.0 TDI	04/12-	CFFB	103	H1 339
Beetle Convertible	1.6 TDI	12/12-	CAYC	77	H1 339
	1.9 TDI	03/03-	AXR	74	H1 121
	1.9 TDI	07/05-09/10	BSW	77	H1 127
	2.0 TDI	12/12-	CFFB	103	H1 339
Bora	1.9 SDI	10/98-05/05	AGP, AQM	50	H1 659
	1.9 TDI	10/98-06/01	AGR, ALH	66	H1 659 H1 053 H1 458
	1.9 TDI 4 motion	02/99-06/01	AGR	66	H1 659 H1 053 H1 458
	1.9 TDI	09/00-05/05	ATD, AXR	74	H1 659 H1 053 H1 458
	1.9 TDI 4 motion	09/00-05/05	ATD	74	H1 659 H1 053 H1 458
	1.9 TDI	10/98-06/01	AHF, ASV	81	H1 659 H1 053 H1 458
	1.9 TDI	12/98-06/01	AJM to Ch.No. 1J-2-600 000	85	H1 659 H1 053 H1 458
	1.9 TDI	12/98-06/01	AUY	85	H1 121
	1.9 TDI 4 motion	02/99-06/01	AJM	85	H1 659 H1 053 H1 458
	1.9 TDI 4 motion	02/99-06/01	AUY	85	H1 121
	1.9 TDI	11/00-05/05	ASZ to Ch.No. F1J-2-600 000	96	H1 659 H1 458
	1.9 TDI	11/00-05/05	ASZ Ch.No. F1J-2-600 001 →	96	H1 121
	1.9 TDI 4 motion	11/00-05/05	ASZ to Ch.No. F1J-2-600 000	96	H1 659 H1 053 H1 458

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Bora	1.9 TDI 4 motion	11/00-05/05	ASZ Ch.No. F1J-2-600 001 →	96	H1 121	
	1.9 TDI	05/00-09/01	ARL	110	H1 659	H1 458
	1.9 TDI 4 motion	05/00-09/01	ARL	110	H1 659	H1 053
						H1 458
Bora Variant	1.9 TDI 4 motion	10/01-05/05	ARL	110	H1 121	
	1.9 TDI	07/04-05/05	AGR	66	H1 659	H1 053
	1.9 TDI	09/00-10/01	ATD, AXR	74	H1 659	H1 053
	1.9 TDI	11/01-05/05	ATD, AXR	74	H1 121	
	1.9 TDI 4 motion	09/00-04/01	ATD	74	H1 659	H1 053
	1.9 TDI 4 motion	05/01-05/05	ATD	74	H1 121	H1 053
	1.9 TDI	05/99-06/01	AHF, ASV	81	H1 659	H1 053
						H1 458
	1.9 TDI	05/99-06/01	AJM	85	H1 659	H1 053
	1.9 TDI	05/99-06/01	AUY	85	H1 121	
	1.9 TDI 4 motion	05/99-06/01	AJM	85	H1 659	H1 053
	1.9 TDI 4 motion	05/99-06/01	AUY	85	H1 121	
	1.9 TDI	11/00-05/05	ASZ to Ch.No. F1J-2-600 000	96	H1 659	H1 053
	1.9 TDI	11/00-05/05	ASZ Ch.No. F1J-2-600 001 →	96	H1 121	
	1.9 TDI 4 motion	11/00-05/05	ASZ to Ch.No. F1J-2-600 000	96	H1 659	H1 053
	1.9 TDI 4 motion	11/00-05/05	ASZ Ch.No. F1J-2-600 001 →	96	H1 121	
	1.9 TDI	05/01-05/05	ARL	110	H1 121	
	1.9 TDI 4 motion	05/01-05/05	ARL	110	H1 121	
CC	2.0 TDI	11/11-	CFGB, CLLA	125	H1 339	
	2.0 TDI	11/11-	CFFB	103	H1 339	
	2.0	02/12-	CFFB	103	H1 339	
	2.0	02/12-	CFGB, CLLA	125	H1 339	
Caddy I	1.6 D	08/82-07/92	JK, ME	40	H1 657	H1 053
Caddy II Box	1.9 D	11/95-01/04	1Y	47	H1 657	H1 053
	1.9 SDI	11/95-01/04	AEY, AYQ	47	H1 659	
	1.9 TDI	10/96-01/04	AHU, ALE, ALH	66	H1 659	H1 458
Caddy II Estate	1.9 D	11/95-01/04	1Y	47	H1 657	H1 053
	1.9 SDI	11/95-01/04	AEY, AYQ	47	H1 659	
	1.9 TDI	10/96-01/04	AHU, ALE, ALH	66	H1 659	H1 053
						H1 458
Caddy II Pickup	1.9 D	06/96-12/00	AEF	47	H1 657	H1 053
Caddy III	1.6 TDI	08/10-	CAYE	55	H1 339	
	1.6 TDI	08/10-	CAYD	75	H1 339	
	2.0 TDI 4motion	08/10-	CFHF	81	H1 339	
	2.0 TDI	09/07-08/10	BMM	103	H1 127	
	2.0 TDI 16V	11/10-	CFHC	103	H1 339	
	2.0 TDI 16V 4motion	11/10-	CFHC	103	H1 339	
Caddy III Box	1.9 TDI	09/05-08/10	BSU	55	H1 127	
	1.9 TDI 4motion	11/08-08/10	BLS	77	H1 127	
	1.9 TDI	09/07-08/10	BMM	103	H1 127	
	1.9 TDI	04/04-08/10	BJB	77	H1 127	
	2.0 SDI	03/04-	BDJ	51	H1 993	
	1.6 TDI	08/10-	CAYD	75	H1 339	



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Caddy III Box	1.6 TDI	08/10-	CAYE	55	H1 339
	2.0 TDI	05/12-	CFJA	125	H1 339
	2.0 TDI	11/10-	CFHE	62	H1 339
	2.0 TDI	08/10-	CLCA	81	H1 339
	2.0 TDI 16V	11/10-	CFHC, CLCB	103	H1 339
	2.0 TDI 16V 4motion	11/10-	CFHC	103	H1 339
	2.0 TDI 4motion	12/10-	CFHE	62	H1 339
	2.0 TDI 4motion	08/10-	CFHF	81	H1 339
Caddy III Estate	1.6 TDI	08/10-	CAYE	55	H1 339
	1.6 TDI	08/10-	CAYD	75	H1 339
	2.0 TDI	08/10-	CLCA	81	H1 339
	2.0 TDI 4motion	08/10-	CFHF	81	H1 339
	2.0 TDI	05/12-	CFJA	125	H1 339
	2.0 TDI 16V	11/10-	CFHC, CLCB	103	H1 339
	2.0 TDI 16V 4motion	11/10-	CFHC	103	H1 339
	1.9 TDI	09/05-08/10	BSU	55	H1 127
	1.9 TDI	04/04-08/10	BJB, BLS	77	H1 127
	1.9 TDI 4motion	05/08-08/10	BLS	77	H1 127
Crafter 30-50 Box (2E_)	2.0 SDI	03/04-	BDJ	51	H1 993
	2.0 TDI	10/11-	CKUC	105	H1 339
	2.0 TDI	07/11-	CKUB	120	H1 339
	2.0 TDI	05/11-	CKTC	100	H1 339
	2.0 TDI	05/11-	CKTB	80	H1 339
Crafter 30-35 Bus(2E_)	2.0 TDI 4motion	11/11-	CKUB	120	H1 339
	2.0 TDI	10/11-	CKUC	105	H1 339
	2.0 TDI	07/11-	CKUB	120	H1 339
	2.0 TDI	05/11-	CKTC	100	H1 339
	2.0 TDI	05/11-	CKTB	80	H1 339
	2.0 TDI 4motion	11/11-	CKUB	120	H1 339
	2.5 TDI	04/06-07/11	BJJ	65	H5 199
	2.5 TDI	04/06-07/11	BJL	120	H5 199
	2.5 TDI	04/06-	BJL	100	H5 199
	2.5 TDI	04/06-	BJM	80	H5 199
Crafter 30-50 Platform/Chassis (2F_)	2.0 TDI	10/11-	CKUC	105	H1 339
	2.0 TDI	07/11-	CKUB	120	H1 339
	2.0 TDI	05/11-	CKTC	100	H1 339
	2.0 TDI	05/11-	CKTB	80	H1 339
	2.0 TDI 4motion	11/11-	CKUB	120	H1 339
	2.5 TDI	04/06-07/11	BJL	120	H5 199
	2.5 TDI	04/06-07/11	BJJ	65	H5 199
	2.5 TDI	04/06-	BJL	100	H5 199
	2.5 TDI	04/06-	BJM	80	H5 199
	2.5 TDI	04/06-	BJM	80	H5 199
Crafter 30-50 Box	2.0 TDI	05/11-	CKTB	80	H1 339
	2.0 TDI	11/13-	CSLB	84	H1 339
	2.0 TDI	05/11-	CKTC	100	H1 339
	2.0 TDI	10/11-	CKUC	105	H1 339



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Crafter 30-50 Box	2.0 TDI	07/11-	CKUB	120	H1 339	
	2.0 TDI 4motion	11/11-	CKUB	120	H1 339	
	2.5 TDI	04/06-07/11	BJJ	65	H5 199	
	2.5 TDI	04/06-	BJK	80	H5 199	
	2.5 TDI	04/06-	BJL	100	H5 199	
	2.5 TDI	04/06-07/11	BJM	120	H5 199	
Crafter 30-35 Bus	2.0 TDI	05/11-	CKTB	80	H1 339	
	2.0 TDI	11/13-	CSLB	84	H1 339	
	2.0 TDI	05/11-	CKTC	100	H1 339	
	2.0 TDI	10/11-	CKUC	105	H1 339	
	2.0 TDI	07/11-	CKUB	120	H1 339	
	2.0 TDI 4motion	11/11-	CKUB	120	H1 339	
	2.5 TDI	04/06-07/11	BJJ	65	H5 199	
	2.5 TDI	04/06-	BJK	80	H5 199	
	2.5 TDI	04/06-	BJL	100	H5 199	
	2.5 TDI	04/06-07/11	BJM	120	H5 199	
	2.5 TDI	04/06-07/11	BJJ	65	H5 199	
Crafter 30-50 Flatbed/Chassis	2.5 TDI	04/06-	BJK	80	H5 199	
	2.5 TDI	04/06-	BJL	100	H5 199	
	2.5 TDI	04/06-07/11	BJM	120	H5 199	
	2.5 TDI	04/06-07/11	BJM	120	H5 199	
Crafter Box (SY_)	2.0 TDI	10/16-	DAUB, qty required: 3	75	H1 339 *	
	2.0 TDI	09/16-	DAUA, qty required: 3	103	H1 339 *	
	2.0 TDI	09/16-	DAVA, qty required: 3	130	H1 339 *	
	2.0 TDI 4 motion	03/17-	DAVA, qty required: 3	130	H1 339 *	
Crafter Bus (SY_)	2.0 TDI	10/16-	DAUB, qty required: 3	75	H1 339 *	
	2.0 TDI	09/16-	DAUA, qty required: 3	103	H1 339 *	
	2.0 TDI	09/16-	DAVA, qty required: 3	130	H1 339 *	
Crafter Platform/Chassis (SZ_)	2.0 TDI	11/16-	DAUB, qty required: 3	75	H1 339 *	
	2.0 TDI	11/16-	DAUA, qty required: 3	103	H1 339 *	
	2.0 TDI	11/16-	DAVA, qty required: 3	130	H1 339 *	
Eos	2.0 TDI	06/06-05/08	BMM	103	H1 127	
	2.0 TDI	05/08-	CFFA	100	H1 339	
	2.0 TDI 16V	05/08-	CFFB, CBAB	103	H1 339	
	2.0 TDI	11/10-	CHFB	100	H1 339	
	2.0 TDI	11/10-	CHFC	103	H1 339	
Fox	1.4 TDI	04/05-	BNM	51	H1 121	
	1.9 D	12/07-	ASY	47	H1 121	
Golf I	1.5 D	08/76-07/80	CK	37	H1 657	H1 053
	1.6 D	08/80-07/83	CR, JK	40	H1 657	H1 053
	1.6 TD	03/82-07/83	CY	51	H1 657	H1 053
Golf II	1.6 D	08/83-10/91	JP, ME	40	H1 657	H1 053
	1.6 TD	08/89-10/91	1V	44	H1 657	H1 053
	1.6 TD	08/83-10/91	JR, MF	51	H1 657	H1 053
	1.6 TD	04/89-10/91	RA, SB	59	H1 657	H1 053
Golf III	1.9 D	11/91-08/97	1Y	48	H1 657	H1 053
	1.9 SDI	04/97-08/97	AEY	47	H1 659	
	1.9 TD, GTD	11/91-08/97	AAZ	55	H1 657	H1 053

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Golf III	1.9 TDI	04/96-08/97	AFN	81	H1 659	H1 053 H1 458
	1.9 TDI	09/93-08/97	1Z, AHU, ALE	66	H1 659	H1 053 H1 458
	1.9 TDI Synchro	08/95-08/97	1Z, AHU, ALE	66	H1 659	H1 053 H1 458
Golf III Cabriolet	1.9 TDI	08/95-05/98	1Z, AHU	66	H1 659	H1 053 H1 458
	1.9 TDI	07/96-05/98	AFN	81	H1 659	H1 458
Golf III Variant	1.9 D	07/93-04/99	1Y	48	H1 657	H1 053
	1.9 SDI	04/97-04/99	AEY	47	H1 659	H1 053 H1 458
	1.9 TD	07/93-04/99	AAZ	55	H1 657	H1 053
	1.9 TDI	04/96-04/99	AFN	81	H1 659	H1 053 H1 458
	1.9 TDI	03/94-04/99	1Z, AHU, ALE	66	H1 659	H1 053 H1 458
	1.9 TDI Synchro	07/95-04/99	1Z, AHU	66	H1 659	H1 053 H1 458
	1.9 TDI	08/97-05/04	AGR, ALH	66	H1 659	H1 458 H1 053
	1.9 TDI 4 motion	07/98-04/02	AGR,	66	H1 659	H1 458 H1 053
Golf IV	1.9 SDI	08/97-06/05	AGP, AQM	50	H1 659	
	1.9 TDI	09/00-10/01	ATD, AXR	74	H1 659	H1 053 H1 458
	1.9 TDI	11/01-06/05	ATD, AXR	74	H1 121	
	1.9 TDI 4 motion	09/00-10/01	ATD	74	H1 659	H1 053 H1 458
	1.9 TDI 4 motion	11/01-06/05	ATD	74	H1 121	
	1.9 TDI	08/97-05/04	AHF, ASV	81	H1 659	H1 053 H1 458
	1.9 TDI	12/98-06/01	AJM	85	H1 659	H1 053 H1 458
	1.9 TDI	12/98-06/01	AUY	85	H1 121	
	1.9 TDI 4 motion	09/99-06/01	AJM	85	H1 659	H1 458
	1.9 TDI 4 motion	09/99-06/01	AUY	85	H1 121	H1 053
	1.9 TDI	11/00-06/05	ASZ to Ch.No. F1J-2-600 000	96	H1 659	H1 053 H1 458
	1.9 TDI	11/00-06/05	ASZ Ch.No. F1J-2-600 001 →	96	H1 121	
	1.9 TDI 4 motion	11/00-06/05	ASZ to Ch.No. F1J-2-600 000	96	H1 659	H1 053 H1 458
	1.9 TDI 4 motion	11/00-06/05	ASZ from Ch.No. F1J-2-600 001	96	H1 121	
	1.9 TDI	05/00-10/01	ARL	110	H1 659	H1 053 H1 458
	1.9 TDI	11/01-06/05	ARL	110	H1 121	



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Golf IV	1.9 TDI 4 motion	02/00-10/01	ARL	110	H1 659	H1 458 H1 053
	1.9 TDI 4 motion	11/01-06/05	ARL	110	H1 121	
Golf IV Cabriolet	1.9 TDI	06/98-06/02	AHU, ALE	66	H1 659	H1 053 H1 458
	1.9 TDI	06/98-06/02	AFN, AVG	81	H1 659	H1 053 H1 458
Golf IV Variant	1.9 SDI	05/99-06/06	AGP, AQM	50	H1 659	
	1.9 TDI	05/99-05/06	AGR, ALH	66	H1 659	H1 053 H1 458
	1.9 TDI 4 motion	05/99-04/02	AGR,	66	H1 659	H1 053 H1 458
	1.9 TDI	09/00-10/01	ATD, AXR	74	H1 659	H1 053 H1 458
	1.9 TDI	11/01-06/06	ATD, AXR	74	H1 121	
	1.9 TDI 4 motion	09/00-10/01	ATD	74	H1 659	H1 053 H1 458
	1.9 TDI 4 motion	11/01-06/06	ATD	74	H1 121	
	1.9 TDI	05/99-06/01	AHF, ASV	81	H1 659	H1 053
	1.9 TDI	08/99-06/01	AJM	85	H1 659	H1 053
	1.9 TDI	08/99-06/01	AUY	85	H1 121	
	1.9 TDI 4 motion	05/99-06/01	AJM	85	H1 659	H1 458 H1 053
	1.9 TDI	11/00-06/06	ASZ to Ch.No. F1J-2-600 000	96	H1 659	H1 053 H1 458
	1.9 TDI	11/00-06/06	ASZ Ch.No. F1J-2-600 001 →	96	H1 121	
	1.9 TDI 4 motion	11/00-06/06	ASZ to Ch.No. F1J-2-600 000	96	H1 659	H1 053 H1 458
	1.9 TDI 4 motion	11/00-06/06	ASZ Ch.No. F1J-2-600 001 →	96	H1 121	
	1.9 TDI GTi	06/01-10/01	ARL	110	H1 659	
	1.9 TDI GTi	11/01-	ARL	110	H1 121	
Golf V	1.9 SDI	12/05-	BGG	47	H1 657	
	1.9 TDI	05/04-11/08	BRU, BXF, BXJ	66	H1 127	
	1.9 TDI	10/03-11/08	BKC, BLS, BXE	77	H1 127	
	1.9 TDI	10/03-11/08	BLS	77	H5 199	
	1.9 TDI 4 motion	08/04-11/08	BKC, BLS, BXE	77	H1 127	
	2.0 SDI	01/04-11/08	BDK	55	H1 127	
	2.0 TDI	10/03-11/08	AZV	100	H1 993	
	2.0 TDI	10/03-11/08	CBDA	100	H1 339	
	2.0 TDI 16V	10/03-11/08	BKD	103	H1 993	
	2.0 TDI 16V 4motion	08/04-11/08	BKD	103	H1 993	
	2.0 TDI	12/04-11/08	BMM	103	H1 127	
	2.0 TDI 4 motion	08/04-11/08	BMM	103	H1 127	
	2.0 TDI	10/03-02/06	BDG	120	H1 993	
	2.0 TDI	11/05-	BMN	125	H5 122	
Golf V Plus	1.6 TDI	02/09-	CAYB	66	H1 339	
	1.6 TDI	03/09-	CAYC	77	H1 339	



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Golf V Plus	1.9 SDI	12/05-	BGG	47	H1 657
	1.9 TDI	05/05-12/08	BRU, BXF, BXJ	66	H1 127
	1.9 TDI	01/05-01/09	BKC, BLS, BXE	77	H1 127
	2.0 TDI	01/09-	CBDC, CLCA	81	H1 339
	2.0 TDI	05/05-05/07	BEE	96	H1 993
	2.0 TDI	05/05-	AZV	100	H1 993
	2.0 TDI	05/05-	CBDA, CFHB	100	H1 339
	2.0 TDI	12/05-05/09	BMM	103	H1 127
	2.0 TDI 16V	01/05-	BKD	103	H1 993
	2.0 TDI 16V	01/05-	CBDB, CFHC	103	H1 339
Golf V Variant	1.9 TDI	06/07-07/09	BLS, BXE	77	H1 127
	1.9 TDI 4 motion	01/08-07/09	BLS	77	H1 127
	2.0 TDI	06/07-07/09	AZV	100	H1 993
	2.0 TDI 4motion	06/07-07/09	AZV	100	H1 993
	2.0 TDI	06/07-07/09	BMM	103	H1 127
	2.0 TDI 16V	06/07-07/09	BKD	103	H1 993
	2.0 TDI 16V	06/07-07/09	CBDB	103	H1 339
Golf VI	1.6 TDI	02/09-11/12	CAYB	66	H1 339
	1.6 TDI	02/09-11/12	CAYC	77	H1 339
	2.0 TDI	10/08-11/12	CBDC, CLCA	81	H1 339
	2.0 TDI	10/08-11/12	CBAA, CFFA	100	H1 339
	2.0 TDI	10/08-05/13	CBAB, CFFB	103	H1 339
	2.0 TDI 4motion	05/09-11/12	CBAB, CFFB	103	H1 339
	2.0 TDI	04/09-11/12	CBBB, CFGB	125	H1 339
Golf VI Convertible	1.6 TDI	03/11-	CAYC	77	H1 339
	2.0 TDI	11/11-	CFHC	103	H1 339
	2.0 TDI	11/13-	CUUB, qty required:3	110	H1 339
Golf VI Variant	1.6 TDI	12/09-07/13	CAYB	66	H1 339
	1.6 TDI	07/09-07/13	CAYC	77	H1 339
	1.6 TDI 4motion	07/09-07/13	CAYC	77	H1 339
	2.0 TDI	07/09-	CBDA, CFHB	100	H1 339
	2.0 TDI	07/09-	BMM	103	H1 127
	2.0 TDI 16V	07/09-07/13	CBDB, CFHC, CLCB	103	H1 339
Golf VII	1.6 TDI	04/13-	CLHB, CRKA, qty required:3	66	H1 339 *
	1.6 TDI	08/12-	CLHA, qty required:3	77	H1 339 *
	1.6 TDI 4motion	11/12-	CLHA, qty required:3	77	H1 339 *
	1.6 TDI	01/13-	CRKB, CXXB, qty required:3	81	H1 339 *
	1.6 TDI 4motion	01/13-	CRKB, CXXB, qty required:3	81	H1 339 *
	2.0 TDI	11/12-	CRVA, qty required:3	81	H1 339 *
	2.0 TDI	08/12-	CRBB, CRVC, qty required:3	105	H1 339 *
	2.0 TDI	11/12-	CRBC, qty required:3, CRLB	110	H1 339
	2.0 TDI 4motion	11/12-	CRBC, qty required:3, CRLB	110	H1 339 *
	2.0 GTD	04/13-	CUNA, qty required:3	135	H1 339 *
Golf VII (5G1, BE1)	1.6 TDI	11/16-	DDYA	85	H1 339 *
Golf VII Estate (BA5)	1.6 TDI	11/16-	DDYA	85	H1 339
Golf ALLTRACK	1.6 TDI 4motion	12/14-	CRKB, CXXB, qty required:3	110	H1 339
	2.0 TDI 4motion	12/14-	CRBC, CRLB, qty required:3	150	H1 339

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Golf ALLTRACK	2.0 TDI 4motion	12/14-	CUNA, qty required:3	184	H1 339	
Golf Sportsvan	1.6 TDI	02/14-	CRKA	66	H1 339 *	
	1.6 TDI	02/14-	CRKB, CXXB	81	H1 339 *	
	2.0 TDI	05/14-	CRVA, qty required:3	81	H1 339 *	
	2.0 TDI	05/14-	CRLB, qty required:3	110	H1 339 *	
Golf Sportsvan (AM1)	1.6 TDI	11/16-		85	H1 339	
Itis	1.6 TD	08/87-12/88	1C	51	H1 657	H1 053
Jetta I	1.5 D	08/78-07/80	CK	37	H1 657	H1 053
	1.6 D	08/80-02/84	CR, JK	40	H1 657	H1 053
	1.6 TD	03/82-02/84	CY	51	H1 657	H1 053
Jetta II	1.6 D	01/84-10/91	JP, ME	40	H1 657	H1 053
	1.6 TD	01/90-10/91	1V	44	H1 657	H1 053
	1.6 TD	01/84-10/91	JR, MF	51	H1 657	H1 053
	1.6 TD	04/89-10/91	RA, SB	59	H1 657	H1 053
Jetta III	1.6 TDI	12/09-10/10	CAYB	66	H1 339	
	1.6 TDI	06/09-10/10	CAYC	77	H1 339	
	1.9 TDI	08/05-10/10	BKC, BXE	77	H1 127	
	2.0 TDI	09/05-10/10	AZV	100	H1 993	
	2.0 TDI	09/05-10/10	CBDA	100	H1 339	
	2.0 TDI 16V	08/05-10/10	BKD	103	H1 993	
	2.0 TDI 16V	08/05-10/10	CBDB	103	H1 339	
	2.0 TDI	10/05-10/10	BMM	103	H1 127	
	2.0 TDI	10/06-10/10	CEGA	125	H1 339	
	2.0 TDI	10/06-10/10	BMN	125	H5 122	
Jetta IV	1.6 TDI	02/11-	CAYC	77	H1 339	
	2.0 TDI	10/10-	CLCA	81	H1 339	
	2.0 TDI	02/11-	CFFB, CFHC, CLCB	103	H1 339	
	2.0 TDI	08/14-	CUUB, qty required:3	110	H1 339 *	
Lupo	1.2 TDI 3L	07/99-07/05	ANY, AYZ to Ch.No. 6X-2-005 000	45	H1 659	
	1.2 TDI 3L	07/99-07/05	AYZ Ch.No 6X-2-005 001 →	45	H1 121	
	1.4 TDI	01/99-10/01	AMF to Ch. No. 6X-2-005 000	55	H1 659	
	1.4 TDI	11/01-07/05	AMF	55	H1 121	
	1.7 SDI	09/98-09/01	AKU	44	H1 659	
	1.7 SDI	10/01-07/05	AKU	44	H1 121	
LT 28 I Bus	2.4 D	08/89-06/96	1S	51	H1 657	H1 053
	2.4 D	01/79-07/92	CP, DW	55	H1 657	H1 053
	2.4 TD	08/89-08/92	1G	68	H1 657	H1 053
	2.4 TD	09/92-06/96	ACL	70	H1 657	H1 053
	2.4 TD	12/82-07/89	DV	75	H1 657	H1 053
LT 28-35 I Box	2.4 D	07/90-05/96	1S, ACT	51	H1 657	H1 053
	2.4 D	01/79-07/92	CP, DW	55	H1 657	H1 053
	2.4 TD	08/88-08/92	1G	68	H1 657	H1 053
	2.4 TD	06/92-05/96	ACL	70	H1 657	H1 053
	2.4 TD	02/86-08/92	DV	75	H1 657	H1 053
	2.7 D	11/75-01/80	CG	48	H1 657	
LT 40-55 I Box	2.4 D	07/90-05/96	1S, ACT	51	H1 657	H1 053
	2.4 D	01/79-07/92	CP, DW	55	H1 657	H1 053

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LT 40-55 I Box	2.4 D 4WD	01/79-03/86	DW	55	H1 657	H1 053
	2.4 TD	08/88-08/92	1G	68	H1 657	H1 053
	2.4 TD	06/92-05/96	ACL	70	H1 657	H1 053
	2.4 TD	02/86-08/92	DV	75	H1 657	H1 053
	2.4 TD 4WD	08/78-03/86	DV	75	H1 657	H1 053
LT 28-35 I Flatbed/Chassis	2.4 D	08/90-06/96	1S, ACT	51	H1 657	H1 053
	2.4 D	12/78-02/91	CP, DW	55	H1 657	H1 053
	2.4 TD	08/90-08/92	1G	68	H1 657	H1 053
	2.4 TD	08/92-06/96	ACL	70	H1 657	H1 053
	2.4 TD	12/82-09/93	DV	75	H1 657	H1 053
	2.7 D	11/75-01/80	CG	48	H1 657	H1 053
LT 40-55 I Flatbed/Chassis	2.4 D	08/90-06/96	1S, ACT	51	H1 657	H1 053
	2.4 D	12/78-02/91	CP, DW	55	H1 657	H1 053
	2.4 TD	08/92-06/96	ACL	70	H1 657	H1 053
	2.4 TD	12/82-09/93	DV	75	H1 657	H1 053
LT 28-35 II Bus	2.5 SDI	07/96-07/06	AGX	55	H1 659	
	2.5 TDI	05/01-07/06	BBE	61	H1 659	
	2.5 TDI	05/99-07/06	APA	66	H1 659	
	2.5 TDI	05/01-07/06	BBF	70	H1 659	
	2.5 TDI	05/96-08/99	AHD	75	H1 659	
	2.5 TDI	05/99-07/06	ANJ, AVR	80	H1 659	
LT 28-46 II Box	2.5 SDI	09/96-07/06	AGX	55	H1 659	
	2.5 TDI	05/01-07/06	BBE	61	H1 659	
	2.5 TDI	05/99-07/06	APA	66	H1 659	
	2.5 TDI	05/01-07/06	BBF	70	H1 659	
	2.5 TDI	05/96-08/99	AHD	75	H1 659	
	2.5 TDI	05/99-07/06	ANJ, AVR	80	H1 659	
	2.8 TDI	06/97-12/98	AGK	92	H1 200	
	2.8 TDI	01/99-	ATA	96	H1 200	
	2.8 TDI	04/02-07/06	AUH	116	H1 201	
LT 28-46 II Flatbed/Chassis	2.5 SDI	09/96-07/06	AGX	55	H1 659	
	2.5 TDI	05/01-07/06	BBE	61	H1 659	
	2.5 TDI	05/99-07/06	APA	66	H1 659	
	2.5 TDI	05/01-07/06	BBF	70	H1 659	
	2.5 TDI	05/96-08/99	AHD	75	H1 659	
	2.5 TDI	05/99-07/06	ANJ, AVR	80	H1 659	
	2.8 TDI	06/97-12/98	AGK	92	H1 200	
	2.8 TDI	01/99-	ATA	96	H1 200	
	2.8 TDI	04/02-07/06	AUH	116	H1 201	
Multivan T5	1.9 TDI	01/06-11/09	BRR	62	H1 127	
	1.9 TDI	06/06-11/09	BRS	75	H1 127	
	1.9 TDI	04/03-11/09	AXB	77	H1 121	
	2.0 TDI	09/09-	CAAA	62	H1 339	
	2.0 TDI	09/09-	CAAB	75	H1 339	
	2.0 TDI	05/11-	CAAD	84	H1 339	
	2.0 TDI	05/10-	CAAE, CCHB	100	H1 339	
	2.0 TDI 4motion	05/10-	CAAE, CCHB	100	H1 339	



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Multivan T5	2.0 TDI	09/09-	CAAC, CCHA	103	H1 339	
	2.0 TDI 4motion	09/09-	CAAC, CCHA	103	H1 339	
	2.0 BiTDI	09/09-	CFCA	132	H1 339	
	2.0 BiTDI 4motion	09/09-	CFCA	132	H1 339	
	2.5 TDI	04/03-11/09	AXD	96	H1 121	
	2.5 TDI	04/03-11/09	BNZ from 01/06	96	H5 199	
	2.5 TDI 4 motion	07/04-11/09	AXD	96	H1 121	
	2.5 TDI 4 motion	07/04-11/09	BNZ from 01/06	96	H5 199	
	2.5 TDI	04/03-11/09	AXE	128	H1 121	
	2.5 TDI	04/03-11/09	BPC	128	H5 199	
	2.5 TDI 4 motion	07/04-11/09	AXE	128	H1 121	
	2.5 TDI 4 motion	07/04-11/09	BPC	128	H5 199	
Multivan T6	2.0 TDI	04/15-	CXGA, qty required 3	62	H1 339 *	
	2.0 TDI	04/15-	CAAB, qty required 4; CXGB qty required 3	75	H1 339 *	
	2.0 TDI	05/16-	CXGC, CXHB qty required 3	84	H1 339 *	
	2.0 TDI	04/15-	CAAC	103	H1 339	
	2.0 TDI 4 motion	06/15-	CAAC	103	H1 339	
	2.0 TDI	04/15-	CXFA, CXHA qty required 3	110	H1 339 *	
	2.0 TDI 4 motion	08/15-	CXFA, CXHA qty required 3	110	H1 339 *	
	2.0 TDI	04/15-	CFCA	132	H1 339	
	2.0 TDI 4 motion	06/15-	CFCA	132	H1 339	
	2.0 TDI	06/15-	CXEB qty required 3	150	H1 339 *	
	2.0 TDI 4 motion	06/15-	CXEB qty required 3	150	H1 339 *	
Parati	1.9 D	08/02-	1Y	47	H1 657	
	1.9 SDI	08/02-	BGG	47	H1 657	
Passat	1.5 D	08/77-07/80	CK	37	H1 657	H1 053
	1.6 D	08/80-03/88	CR, JK	40	H1 657	H1 053
	1.6 TD	04/82-03/88	CY	51	H1 657	H1 053
	1.6 TD	05/86-03/88	RA	59	H1 657	H1 053
	1.6 TD	08/88-09/93	RA, SB	59	H1 657	H1 053
	1.6 TDI	08/09-07/10	CAYC	77	H1 339	
	1.6 TDI	08/10-	CAYC	77	H1 339	
	1.9 D	05/89-10/93	1Y	50	H1 657	H1 053
	1.9 TD	03/91-08/96	AAZ	55	H1 657	H1 053
	1.9 TDI	10/93-08/96	1Z, AHU	66	H1 659	H1 053 H1 458
	1.9 TDI	03/96-08/96	AFN	81	H1 659	H1 053 H1 458
	1.9 TDI	10/96-11/00	AHH, AHU	66	H1 659	H1 053 H1 458
	1.9 TDI	02/00-11/00	AVB	74	H1 659	H1 053 H1 458
	1.9 TDI	10/96-11/00	AFN, AVG	81	H1 659	H1 053 H1 458
	1.9 TDI Synchro/ 4 motion	10/96-11/00	AFN, AVG	81	H1 659	H1 053 H1 458

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Passat	1.9 TDI	08/98-11/00	AJM, ATJ	85	H1 659	H1 053 H1 458
	1.9 TDI 4 motion	08/99-11/00	AJM, ATJ	85	H1 659	H1 053 H1 458
	2.5 TDI	07/98-11/00	AFB, AKN	110	H1 961	
	2.5 TDI Synchro/4motion	12/98-11/00	AFB, AKN	110	H1 961	
	1.9 TDI	11/00-10/01	AVB	74	H1 659	H1 053 H1 458
	1.9 TDI	11/01-05/05	AVB	74	H1 121	
	1.9 TDI	11/00-10/01	AVF, AWX	96	H1 659	H1 053 H1 458
	1.9 TDI	11/01-05/05	AVF, AWX	96	H1 121	
	1.9 TDI 4 motion	11/00-10/01	AVF	96	H1 659	H1 053 H1 458
	1.9 TDI 4 motion	11/01-05/05	AVF	96	H1 121	
	2.0 TDI	11/08-07/10	CBDC	81	H1 339	
	2.0 TDI	11/05-05/07	BWV	88	H5 122	
	2.0 TDI	12/03-05/05	BGW	100	H1 993	
	2.0 TDI	03/05-11/10	CBAA	100	H1 339	
	2.0 TDI	03/05-11/10	BMA from MY 06/07	100	H1 993	
	2.0 TDI	03/05-11/10	BMA to MY 05/07	100	H5 122	
	2.0 TDI	08/10-	CFFA	100	H1 339	
	2.0 TDI	08/10-	CFFB	103	H1 339	
	2.0 TDI 4motion	08/10-	CFFB	103	H1 339	
	2.0 TDI	08/10-	CFGB, CLLA	125	H1 339	
	2.0 TDI 4motion	08/10-	CFGB, CLLA	125	H1 339	
	2.5 TDI	11/00-05/05	AFB, AKN	110	H1 961	
	2.5 TDI 4 motion	11/00-05/05	AFB, AKN	110	H1 961	
	2.5 TDI	05/03-05/05	BDG	120	H1 961	
	2.5 TDI 4 motion	01/03-05/05	BAU, BDH	132	H1 961	
	1.9 TDI	03/05-11/08	BKC, BXE	77	H1 127	
	2.0 TDI 16V	03/05-07/10	BKP, from MY 06/2007 to MY 05/2009	103	H1 993	
	2.0 TDI 16V	03/05-07/10	BKP, to MY 05/2007	103	H5 122	
	2.0 TDI 16V	03/05-07/10	CBAB	103	H1 339	
	2.0 TDI 16V 4motion	03/05-08/10	BKP, from MY 06/2007 to MY 05/2009	103	H1 993	
	2.0 TDI 16V 4motion	03/05-08/10	BKP to MY 05/2007	103	H5 122	
	2.0 TDI 16V 4motion	03/05-08/10	CBAB	103	H1 339	
	2.0 Blue TDI	01/09-11/10	CBAC	105	H1 339	
	2.0 TDI	08/05-	BUZ	120	H1 993	
	2.0 TDI	08/05-07/10	BMR	125	H5 122	
	2.0 TDI	08/05-07/10	CBBB	125	H1 339	
	2.0 TDI 4motion	05/09-07/10	CBBB	125	H1 339	
	2.0 TDI	12/03-05/05	BGW	100	H5 193	
Passat (3C2)	2.0 TDI	03/05-05/09	BMP	103	H5 199	
	2.0 TDI 4motion	03/05-05/09	BMP	103	H5 199	
Passat (3G2)	1.6 TDI	08/14-	DCXA, qty required:3	88	H1 339 *	
	2.0 TDI	11/14-	CRLB, qty required:3	110	H1 339 *	

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Passat (3G2)	2.0 TDI 4motion	02/15-	CRLB, qty required:3	110	H1 339 *	
	2.0 TDI	11/14-	DDAA, DFCA qty required:3	140	H1 339 *	
	2.0 TDI 4motion	11/14-	DDAA, DFCA qty required:3	140	H1 339 *	
	2.0 TDI 4motion	08/14-	CUAA, qty required:3	176	H1 339 *	
Passat ALLTRACK	2.0 TDI	01/12-12/14	CFFB	103	H1 339	
	2.0 TDI 4motion	01/12-12/14	CFFB	103	H1 339	
	2.0 TDI 4motion	01/12-12/14	CFGB	125	H1 339	
	2.0 TDI 4motion	01/13-12/14	CFGC	130	H1 339	
	2.0 TDI 4motion	05/15-	CRLB, DFEA, qty required:3	110	H1 339	
	2.0 TDI 4motion	05/15-	DDAA, DFCA qty required:3	140	H1 339	
	2.0 TDI 4motion	05/15-	CUAA, qty required:3	176	H1 339	
	2.0 TDI	06/08-05/11	CBAA, CFFA	100	H1 339	
Passat CC	2.0 TDI	06/08-01/12	CFFB, CBAB	103	H1 339	
	2.0 TDI	05/08-05/11	CBBA	120	H1 339	
	2.0 TDI 4motion	08/09-01/12	CFFB, CBAB	103	H1 339	
	2.0 Blue TDI	05/09-11/10	CBAC	105	H1 339	
	2.0 TDI	06/08-01/12	CBBB, CFGB, CLLA	125	H1 339	
	2.0 TDI 4motion	11/09-01/12	CBBB, CFGB	125	H1 339	
	1.6 TD	01/85-03/88	CY	51	H1 657	
	1.5 D	02/77-07/80	CK	37	H1 657	H1 053
Passat Variant	1.6 D	02/79-07/80	CR	40	H1 657	H1 053
	1.6 D	08/80-03/88	CR, JK	40	H1 657	H1 053
	1.6 TD	04/82-03/88	CY	51	H1 657	H1 053
	1.6 TD	08/88-09/93	RA, SB	59	H1 657	H1 053
	1.6 TDI	08/09-11/10	CAYC	77	H1 339	
	1.6 TDI	08/10-	CAYC	77	H1 339	
	1.9 D	05/89-10/93	1Y	50	H1 657	H1 053
	1.9 TD	03/91-05/97	AAZ	55	H1 657	H1 053
	1.9 TDI	10/93-05/97	1Z, AHU	66	H1 659	H1 053
						H1 458
	1.9 TDI	03/96-05/97	AFN	81	H1 659	H1 053
						H1 458
	1.9 TDI	06/97-11/00	AHH, AHU	66	H1 659	H1 053
						H1 458
	1.9 TDI	02/00-11/00	AVB	74	H1 659	H1 053
						H1 458
	1.9 TDI	06/97-11/00	AFN, AVG	81	H1 659	H1 053
						H1 458
	1.9 TDI Synchro/4 motion	06/97-11/00	AFN, AVG	81	H1 659	H1 053
	1.9 TDI	08/98-11/00	AJM, ATJ	85	H1 659	H1 053
						H1 458
	1.9 TDI 4 motion	08/99-11/00	ATJ	85	H1 659	H1 053
						H1 458
	2.5 TDI	07/98-11/00	AFB, AKN	110	H1 961	
	2.5 TDI Synchro/4motion	12/98-11/00	AFB, AKN	110	H1 961	
	1.9 TDI	11/00-10/01	AVB	74	H1 659	H1 053
						H1 458

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Passat Variant	1.9 TDI	11/01-05/05	AVB	74	H1 121	
	1.9 TDI	11/00-10/01	AVF, AWX	96	H1 659	H1 053 H1 458
	1.9 TDI	11/01-05/05	AVF, AWX	96	H1 121	
	1.9 TDI 4 motion	11/00-10/01	AVF	96	H1 659	H1 053 H1 458
	1.9 TDI 4 motion	11/01-05/05	AVF	96	H1 121	
	2.0 TDI	11/08-11/10	CBDC	81	H1 339	
	2.0 TDI	11/05-05/07	BWV	88	H5 122	
	2.0 TDI	08/05-02/06	BVE	90	H5 122	
	2.0 TDI	12/03-05/05	BGW	100	H1 993	
	2.0 TDI	08/10-	CFFB	103	H1 339	
	2.0 TDI	08/10-	CFFA	100	H1 339	
	2.5 TDI	11/00-05/05	AFB, AKN	110	H1 961	
	2.5 TDI 4 motion	11/00-05/05	AFB, AKN	110	H1 961	
	2.5 TDI	05/03-05/05	BDG	120	H1 961	
	2.5 TDI 4 motion	01/03-05/05	BAU, BDH	132	H1 961	
	1.9 TDI	08/05-11/08	BKC, BXE	77	H1 127	
	2.0 TDI	08/05-11/10	CBAA	100	H1 339	
	2.0 TDI	08/05-11/10	BMA from MY 06/2007	100	H1 993	
	2.0 TDI	08/05-11/10	BMA to MY 05/2007	100	H5 122	
	2.0 TDI 16V	08/05-11/10	BKP from MY 06/2007 to MY 05/2009,	103	H1 993	
	2.0 TDI 16V	08/05-11/10	BKP to MY 05/2007	103	H5 122	
	2.0 TDI 16V 4 motion	08/05-11/10	BKP from MY 06/2007 to MY 05/2009	103	H1 993	
	2.0 TDI 16V 4 motion	08/05-10/10	BKP to MY 05/2007	103	H5 122	
	2.0 TDI 4 motion	08/05-	BMP	103	H1 199	
	2.0 TDI 4motion	08/10-	CFFB	103	H1 339	
	2.0 TDI 16V	08/05-11/10	CBAB	103	H1 339	
	2.0 TDI 16V 4motion	08/05-11/10	CBAB	103	H1 339	
	2.0 Blue TDI	01/09-11/10	CBAC	105	H1 339	
	2.0 TDI	08/05-11/10	CBBB	125	H1 339	
	2.0 TDI	08/05-11/10	BMR	125	H5 122	
	2.0 TDI	08/10-	CFGB, CLLA	125	H1 339	
	2.0 TDI 4motion	05/09-	CBBB	125	H1 339	
	2.0 TDI 4motion	08/10-	CFGB, CLLA	125	H1 339	
	2.0 TDI	12/03-05/05	BGW	100	H5 193	
Passat Variant (3C5)	2.0 TDI	08/05-05/09	BMP	103	H5 199	
	2.0 TDI	08/05-02/09	BVD	90	H5 199	
Passat Variant(3G5)	1.6 TDI	08/14-	DCXA, qty required:3	88	H1 339 *	
	2.0 TDI	11/14-	CRLB, qty required:3	110	H1 339 *	
	2.0 TDI 4motion	02/15-	CRLB, qty required:3	110	H1 339 *	
	2.0 TDI	11/14-	DDAA, DFCA qty required:3	140	H1 339 *	
	2.0 TDI 4motion	11/14-	DDAA, DFCA qty required:3	140	H1 339 *	
	2.0 TDI 4motion	08/14-	CUAA, qty required:3	176	H1 339 *	
Phaeton	3.0 V6 TDI 4motion	09/04-	BMK	165	H1 339	
	3.0 V6 TDI 4motion	06/07-	CARA	171	H1 339	
	3.0 V6 TDI 4motion	11/08-	CEXA	176	H1 339	

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Phaeton	3.0 V6 TDI 4motion	11/13-	CEXB	180	H1 339	
	3.2 V6	04/02-	AYT, BKL	177	H1 127	
	3.2 V6 4 motion	02/04-	BRK, BKL	177	H1 127	
	5.0 V10 TDI 4 motion	11/02-	AJS	230	H1 121	
Pointer	1.9 SDi	12/05-	BGG	47	H1 657	
	1.9 TD	08/95-09/97		55	H1 657	
Polo	1.2 TDI	10/09-	CFWA	55	H1 339	
	1.4 TDI	10/99-09/01	AMF	55	H1 659	
	1.4 TDI	03/14-	CUSA, CYZB, qty required:3	55	H1 339	
	1.4 TDI	02/14-	CUSB, qty required:3	66	H1 339	
	1.4 TDI	05/14-	CUTA, CYZA, qty required:3	77	H1 339	
	1.6 TDI	06/09-	CAYA	55	H1 339	
	1.6 TDI	06/09-	CAYB	66	H1 339	
	1.6 TDI	06/09-	CAYC, CLNA	77	H1 339	
	1.7 SDi	10/99-09/01	AKU	44	H1 659	H1 053
						H1 458
	1.9 D	10/99-09/01	AEF	47	H1 657	H1 053
	1.9 SDi	10/99-09/01	AGD, ASX	47	H1 659	
	1.4 TDI	04/05-11/09	BNM	51	H1 121	
	1.4 TDI	04/05-11/09	BWB	51	H5 199	
	1.4 TDI	10/01-06/05	AMF, BAY	55	H1 121	
	1.4 TDI	04/05-11/09	BNV	59	H1 121	
	1.4 TDI	04/05-11/09	BMS	59	H5 199	
	1.9 SDi	10/01-11/09	ASY	47	H1 121	
	1.4 TDI	01/00-10/00	ATL	66	H1 659	
	1.9 TDI	10/01-11/09	ATD, AXR	74	H1 121	
	1.9 TDI	10/01-	BMT	74	H5 199	
	1.9 TDI	11/03-11/09	ASZ, BLT	96	H1 121	
	1.3 D	08/86-07/90	MN	33	H1 657	H1 053
	1.4 D	08/90-09/94	1W	35	H1 657	H1 053
	1.7 SDi	04/97-10/99	AHG	42	H1 659	H1 458
Polo 60	1.7 SDi	08/97-10/99	AKU	44	H1 659	H1 458
Polo 64	1.9 D	10/94-10/99	AEF	47	H1 657	H1 053
	1.9 SDi	07/96-10/99	AGD	47	H1 659	
Polo Box	1.4 D	08/92-07/94	1W	35	H1 657	H1 053
	1.7 SDi	08/97-12/99	AKU	44	H1 659	H1 458
	1.9 D	10/94-12/99	AEF	47	H1 657	H1 053
	1.9 SDi	07/96-12/99	AGD	47	H1 659	
Polo Classic	1.3 D	08/86-12/88	MN	33	H1 657	H1 053
	1.4 D	10/90-09/94	1W	35	H1 657	H1 053
Polo Classic 57	1.7 SDi	07/97-09/01	AKW	42	H1 659	H1 053
						H1 458
Polo Classic 64	1.9 SDi	12/95-08/99	AEY	47	H1 659	
Polo Classic 68	1.9 SDi	08/99-09/01	AGP, AQM	50	H1 659	
Polo Classic 90	1.9 TDI	09/96-09/01	AGR, AHU, ALE, ALH	66	H1 659	H1 053
						H1 458



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Polo Classic 110	1.9 TDI	06/98-09/01	AFN, ASV	81	H1 659	H1 053 H1 458
Polo Coupe	1.3 D	08/86-08/90	MN	33	H1 657	H1 053
	1.4 D	08/90-09/94	1W	35	H1 657	H1 053
Polo Saloon	1.4 TDI	07/03-	BAY	55	H1 121	
	1.9 SDI	11/03-	ASY	47	H1 121	
Polo Variant	1.7 SDI	08/97-09/01	AKW	42	H1 659	H1 053 H1 458
	1.9 SDI	06/97-09/01	AEY	47	H1 659	
	1.9 SDI	08/99-09/01	AGP, AQM	50	H1 659	
	1.9 TDI	05/97-09/01	AGR, AHU, ALE, ALH	66	H1 659	H1 053 H1 458
	1.9 TDI	06/98-09/01	AFN, ASV	81	H1 659	H1 053 H1 458
Santana	1.6 D	08/81-12/84	CR, JK	40	H1 657	H1 053
	1.6 TD	12/81-12/84	CY	51	H1 657	H1 053
Scirocco	2.0 TDI	08/08-	CBDB, CFHC	103	H1 339	
	2.0 TDI	11/10-	CFHB	100	H1 339	
	2.0 TDI	11/13-	CUUB, qty required:3	110	H1 339 *	
	2.0 TDI	05/09-	CBBB, CFGB	125	H1 339	
	2.0 TDI	01/13-	CFGC	130	H1 339	
	2.0 TDI	05/14-	CUWA, CUXA, qty required:3	135	H1 339 *	
Sharan	1.9 TDI	09/95-02/00	1Z, AHU, ANU	66	H1 659	H1 053 H1 458
	1.9 TDI	03/00-03/10	1Z, AHU, ANU	66	H1 121	
	1.9 TDI	09/96-04/00	AFN, AVG	81	H1 659	H1 053 H1 458
	1.9 TDI	04/00-10/01	AUY, BVK	85	H1 659	
	1.9 TDI	11/01-03/10	AUY, BVK	85	H1 121	
	1.9 TDI 4 motion	04/00-10/01	AUY, BVK	85	H1 659	H1 458 H1 053
	1.9 TDI 4 motion	11/01-	AUY, BVK	85	H1 121	
	1.9 TDI	11/02-	ASZ	96	H1 121	
	1.9 TDI	06/05-	BTB	110	H1 121	
	2.0 TDI	11/05-03/10	BVH, BRT	103	H5 199	
	2.0 TDI	11/05-03/10	BVH	100	H5 199	
	2.0 TDI	05/11-	CFFE	85	H1 339	
	2.0 TDI	05/10-	CFFA	100	H1 339	
	2.0 TDI	05/10-	CFFB	103	H1 339	
	2.0 TDI 4motion	05/11-05/12	CFFA	100	H1 339	
	2.0 TDI 4motion	05/11-	CFFB	103	H1 339	
	2.0 TDI	05/15-	CUVC, qty required:3	110	H1 339	
	2.0 TDI 4motion	05/15-	CUVC, qty required:3	110	H1 339	
	2.0 TDI	08/10-	CFGB	125	H1 339	
	2.0 TDI	01/13-	CFGC	130	H1 339	
	2.0 TDI	05/15-	CUWA, qty required:3	135	H1 339	
Spacefox	1.9 SDI	09/07-	ASY	47	H1 121	

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Taro	2.4 D	07/94-03/97	2L	58	H1 667
	2.4 D 4x4	07/94-03/97	2L	58	H1 667
	2.4 D	09/91-07/94	2L	80	H1 667
	2.4 D	06/89-03/97	2L	83	H1 667
	2.4 D 4x4	04/89-03/97	2L	83	H1 667
Tiguan (5N_)	2.0 TDI	09/07-	CBAA, CBAB	103	H1 339
	2.0 TDI	05/10-	CFFD	81	H1 339
	2.0 TDI	03/08-	CBAB, CFFB	103	H1 339
	2.0 TDI 4motion	11/07-	CBAA, CFFA	100	H1 339
	2.0 TDI 4motion	09/07-	CFFB, CLJA, CBAB	103	H1 339
	2.0 TDI	05/15-	CUVC, qty required:3	110	H1 339
	2.0 TDI 4motion	05/15-	CUVC, qty required:3	110	H1 339
	2.0 TDI 4motion	02/08-08/09	CBBA	120	H1 339
	2.0 TDI 4motion	09/07-	CBBB, CFGB	125	H1 339
	2.0 TDI	09/07-	CBBA, CBBB	125	H1 339
	2.0 TDI 4motion	11/12-	CFGC	130	H1 339
	2.0 TDI	05/15-	CUWA, qty required:3	135	H1 339 *
Tiguan (AD1)	1.6 TDI	05/16-	DGDB, qty required: 3	85	H1 339 *
	2.0 TDI	08/16-	CYKC, qty required: 3	81	H1 339 *
	2.0 TDI	05/16-	DFGC, qty required: 3	85	H1 339 *
	2.0 TDI 4 motion	16/16-	CRFD	105	H1 339 *
	2.0 TDI	01/16-	DFGA, qty required: 3	110	H1 339 *
	2.0 TDI 4 motion	01/16-	DFGA, qty required: 3	110	H1 339 *
	2.0 TDI 4 motion	08/16-	CRGB	130	H1 339 *
	2.0 TDI 4 motion	04/16-	DFHA, qty required:3	140	H1 339 *
	2.0 TDI 4 motion	05/16-	CUAA, qty required:3	176	H1 339 *
Touareg	2.5 R5 TDI	01/03-05/10	BAC	128	H1 121
	2.5 R5 TDI	01/03-05/10	BPE from 01/2006	128	H5 199
	3.0 V6 TDI	11/04-05/10	BKS, CATA, qty required:4	165	H1 339 *
	3.0 V6 TDI	06/10-	CATA, qty required:4	165	H1 339 *
	3.0 TDI	04/06-05/10	BUN, CASB	155	H1 339
	3.0 V6 TDI	01/10-	CASD, CJMA	150	H1 339
	3.0 V6 TDI	01/10-	CASA, CNRB	176	H1 339 *
	3.0 V6 TDI	11/07-05/10	CASA, CASC	176	H1 339
	3.0 V6 TDI	05/11-	CJGD, CRCA	180	H1 339
	3.0 V6 TDI	09/14-	CVVA	193	H1 339
	4.2 V8 TDI	01/10-06/10	CKDA	250	H1 339
	5.0 V10 TDI	10/02-11/06	AYH	230	H1 121
	5.0 V10 TDI	11/04-05/10	BLE	230	H5 199
Touran	1.6 TDI	05/10-	CAYB	66	H1 339
	1.6 TDI	05/10-	CAYC	77	H1 339
	1.6 TDI	09/15-	CRKB, qty required:3	81	H1 339
	1.9 TDI	11/04-05/10	BRU, BXJ, BXF	66	H1 127
	1.9 TDI	02/03-05/04	AVQ	74	H1 127
	1.9 TDI	08/03-05/10	BKC, BXE	77	H1 127
	2.0 TDI	11/10-	CLCA	81	H1 339
	2.0 TDI	11/15-	CRVA, CYKB	81	H1 339

* ONLY FOR CYLINDER WITHOUT PRESSURE SENSOR!



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VOLKSWAGEN

Touran	2.0 TDI	02/03-05/10	AZV	100	H1 993
	2.0 TDI 16V	08/03-05/10	BKD	103	H1 993
	2.0 TDI	05/10-	CFHC	103	H1 339
	2.0 TDI	05/10-01/13	CFJA	125	H1 339
	2.0 TDI	12/05-05/10	CFJA	125	H1 339
	2.0 TDI	12/05-05/10	BMM	103	H1 127
	2.0 TDI	09/15-	DFA, qty required:3	110	H1 339
	2.0 TDI	12/05-05/10	BMN	125	H5 122
	2.0 TDI	01/13-	CFJB	130	H1 339
	2.0 TDI	11/15-	DFHA, qty required:3	140	H1 339
Transporter T3 Bus	1.6 D	01/81-07/87	CS	37	H1 657
	1.6 TD	08/84-07/92	JX	51	H1 657
	1.6 TD Syncro	03/86-07/92	JX	51	H1 657
	1.7 D	10/86-07/92	KY	42	H1 657
Transporter T3 Box	1.6 D	01/81-07/87	CS	37	H1 657
	1.6 TD	10/84-07/92	JX	51	H1 657
	1.6 TD Syncro	03/86-07/92	JX	51	H1 657
	1.7 D	07/89-07/92	KY	42	H1 657
Transporter T3 Flatbed/Chassis	1.6 D	01/81-07/87	CS	37	H1 657
	1.6 TD	10/84-07/92	JX	51	H1 657
	1.6 TD Syncro	03/86-07/92	JX	51	H1 657
	1.7 D	07/89-07/92	KY	42	H1 657
Transporter T4 Bus	1.9 D	09/90-	1X	44	H1 657
	1.9 TD	10/92-	ABL	50	H1 657
	2.4 D	08/97-	AJA	55	H1 657
	2.4 D	09/90-	AAB	57	H1 657
	2.4 D Syncro	10/92-	AAB	57	H1 657
	2.5 TDI	05/98-04/03	AJT, AYY	65	H1 659
	2.5 TDI	09/95-04/03	ACV, AUF, AYC	75	H1 659
	2.5 TDI Syncro	01/96-04/03	ACV, AXL	75	H1 659
	2.5 TDI	05/98-04/03	AHY, AXG	111	H1 659
	2.5 TDI	05/98-04/03	AHY, AXG	111	H1 659
Transporter T4 Box	1.9 D	07/90-	1X	45	H1 657
	1.9 TD	10/92-	ABL	50	H1 657
	2.4 D	08/97-	AJA	55	H1 657
	2.4 D	07/90-	AAB	57	H1 657
	2.4 D Syncro	10/92-	AAB	57	H1 657
	2.5 TDI	12/98-04/03	AJT, AYY	65	H1 659
	2.5 TDI	09/95-04/03	ACV, AUF, AYC	75	H1 659
	2.5 TDI Syncro	09/95-04/03	ACV, AXL	75	H1 659
	2.5 TDI	09/00-04/03	AXG	111	H1 121
	2.5 TDI	09/00-04/03	AXG	111	H1 121
Transporter T4 Flatbed/Chassis	1.9 D	07/90-	1X	45	H1 657
	1.9 TD	10/92-	ABL	50	H1 657
	2.4 D	08/97-	AJA	55	H1 657
	2.4 D	09/90-	AAB	57	H1 657
	2.4 D Syncro	10/92-	AAB	57	H1 657
	2.5 TDI	05/98-04/03	AJT, AYY	65	H1 659
	2.5 TDI	09/95-04/03	ACV, AUF, AYC	75	H1 659



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**VOLKSWAGEN**

Transporter T4 Flatbed/Chassis	2.5 TDI Syncro	09/98-04/03	ACV, AXL	75	H1 121
Transporter T5 Bus	1.9 TDI	04/03-11/09	AXC	63	H1 121
	1.9 TDI	01/06-11/09	BRR	62	H1 127
	1.9 TDI	06/06-11/09	BRS	75	H1 127
	1.9 TDI	04/03-11/09	AXB	77	H1 121
	2.0 TDI	09/09-	CAAA	62	H1 339
	2.0 TDI	09/09-	CAAB	75	H1 339
	2.0 TDI	05/11-	CAAD	84	H1 339
	2.0 TDI	05/10-	CAAE, CCHB	100	H1 339
	2.0 TDI 4motion	05/10-	CAAE, CCHB	100	H1 339
	2.0 TDI	09/09-	CAAC, CCHA	103	H1 339
	2.0 TDI 4motion	09/09-	CAAC, CCHA	103	H1 339
	2.0 BiTDI	09/09-	CFCA	132	H1 339
	2.0 BiTDI 4motion	09/09-	CFCA	132	H1 339
	2.5 TDI	04/03-11/09	AXD	96	H1 121
	2.5 TDI 4 motion	07/04-11/09	AXD	96	H1 121
	2.5 TDI	11/03-11/09	BLJ	120	H1 121
	2.5 TDI	04/03-11/09	AXE	128	H1 121
	2.5 TDI 4 motion	07/04-11/09	AXE	128	H1 121
Transporter T5 Box	1.9 TDI	04/03-11/09	AXC	63	H1 121
	1.9 TDI	06/06-11/09	BRS	75	H1 127
	1.9 TDI	01/06-11/09	BRR	62	H1 127
	1.9 TDI	04/03-11/09	AXB	77	H1 121
	2.0 TDI	09/09-	CAAA	62	H1 339
	2.0 TDI	09/09-	CAAB	75	H1 339
	2.0 TDI	05/11-	CAAD	84	H1 339
	2.0 TDI	05/10-	CAAE, CCHB	100	H1 339
	2.0 TDI 4motion	05/10-	CAAE, CCHB	100	H1 339
	2.0 TDI	09/09-	CAAC, CCHA	103	H1 339
	2.0 TDI 4motion	09/09-	CAAC, CCHA	103	H1 339
	2.0 BiTDI	09/09-	CFCA	132	H1 339
	2.0 BiTDI 4motion	09/09-	CFCA	132	H1 339
	2.5 TDI	04/03-11/09	AXD	96	H1 121
	2.5 TDI 4 motion	07/04-11/09	AXD	96	H1 121
	2.5 TDI	04/03-11/09	AXE	128	H1 121
	2.5 TDI 4 motion	07/04-11/09	AXE	128	H1 121
Transporter T5 Flatbed/Chassis	1.9 TDI	04/03-11/09	AXC	63	H1 121
	1.9 TDI	06/06-11/09	BRS	75	H1 127
	1.9 TDI	01/06-11/09	BRR	62	H1 127
	1.9 TDI	04/03-11/09	AXB	77	H1 121
	2.0 TDI	09/09-	CAAA	62	H1 339
	2.0 TDI	09/09-	CAAB	75	H1 339
	2.0 TDI	05/11-	CAAD	84	H1 339
	2.0 TDI	05/10-	CAAE, CCHB	100	H1 339
	2.0 TDI 4motion	05/10-	CAAE, CCHB	100	H1 339
	2.0 TDI	09/09-	CAAC, CCHA	103	H1 339
	2.0 TDI 4motion	09/09-	CAAC, CCHA	103	H1 339
	2.0 TDI 4motion	09/09-	CAAC, CCHA	103	H1 339



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Transporter T5 Flatbed/Chassis	2.0 BiTDI	09/09-	CFCA	132	H1 339	
	2.0 BiTDI 4motion	09/09-	CFCA	132	H1 339	
	2.5 TDI	04/03-11/09	AXD	96	H1 121	
	2.5 TDI 4 motion	07/04-11/09	AXD	96	H1 121	
	2.5 TDI	04/03-11/09	AXE	128	H1 121	
Transporter V Box	2.5 TDI	01/06-11/09	BPC	128	H5 199	
	2.5 TDI	01/06-11/09	BPC	96	H5 199	
	2.5 TDI 4 motion	01/06-11/09	BNZ	128	H5 199	
	2.5 TDI 4 motion	01/06-11/09	BPC	96	H5 199	
Transporter V Bus	2.5 TDI	01/06-11/09	BPC	128	H5 199	
	2.5 TDI	01/06-11/09	BNZ	96	H5 199	
	2.5 TDI 4 motion	01/06-11/09	BPC	128	H5 199	
	2.5 TDI 4 motion	01/06-11/09	BNZ	96	H5 199	
Transporter V Platform/Chassis	2.5 TDI	01/06-11/09	BPC	128	H5 199	
	2.5 TDI	01/06-11/09	BNZ	96	H5 199	
	2.5 TDI 4 motion	01/06-11/09	BNZ	96	H5 199	
	2.5 TDI 4 motion	01/06-11/09	BPC	128	H5 199	
Transporter VI	2.0 TDI	04/15-	CAAA, CXGA	62	H1 339	
	2.0 TDI	04/15-	CAAA, CXGB	75	H1 339	
	2.0 TDI	04/15-	CAAC	103	H1 339	
	2.0 TDI 4motion	06/15-	CAAC	103	H1 339	
	2.0 TDI	04/15-	CXFA, CXHA	110	H1 339	
	2.0 TDI 4motion	08/15-	CXFA, CXHA	110	H1 339	
	2.0 TDI	04/15-	CFCA	132	H1 339	
	2.0 TDI 4motion	06/15-	CFCA	132	H1 339	
	2.0 TDI	06/15-	CXEB	150	H1 339	
	2.0 TDI 4motion	06/15-	CXEB	150	H1 339	
Transporter VI Bus (SGB, SGG, SGJ)	2.0 TDI	05/16-	CXGC, CXHB	84	H1 339	
Transporter VI Box (SGA, SGH)	2.0 TDI	05/16-	CXHB	84	H1 339	
Transporter VI Platform/Chassis (SFD, SFE, SFL, SFZ)	2.0 TDI	05/16-	CXHB	84	H1 339	
	2.0 TDI	05/16-	CXEB	150	H1 339	
	2.0 TDI 4motion	05/16-	CXHA	110	H1 339	
	2.0 TDI 4motion	05/16-	CXEB	150	H1 339	
Vento	1.9 D	11/91-09/98	1Y	48	H1 657	H1 053
	1.9 SDI	04/97-09/98	AEY	47	H1 659	
	1.9 TD	11/91-09/98	AAZ	55	H1 657	H1 053
	1.9 TDI	09/93-09/98	1Z, AHU, ALE	66	H1 659	H1 053 H1 458
	1.9 TDI	04/96-09/98	AFN	81	H1 659	H1 053 H1 458

VOLKSWAGEN (USA)

Beetle	1998 - 2003	4 - 1.9L Diesel ALH Turbo	H1 659
	2004	4 - 1.9L D.I. Diesel ALH Turbo	H1 659
	2004 - 2006	4 - 1.9L D.I. Diesel BEW Turbo	H1 659
Cabriolet	1997	4 - 1.9L Diesel AAZ Turbo CAN	H1 659
	1999	4 - 1.9L Diesel Turbo	H1 659



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**VOLKSWAGEN (USA)**

Cabriolet	1985 - 1987	4 - 1.6L Diesel ME	H1 657
	1988 - 1992	4 - 1.6L Diesel ME CAN	H1 657
	1993 - 1996	4 - 1.9L Diesel AAZ Turbo CAN	H1 657
	1995 - 1996	4 - 1.9L Diesel AAZ CAN	H1 657
Dasher	1979	4 - 1.5L Diesel	H1 804
	1980	4 - 1.5L Diesel CK	H1 804
	1981	4 - 1.6L Diesel CR	H1 657
GL	1994	4 - 1.9L Diesel AAZ Turbo CAN	H1 657
GL (CANADA)	1993	4 - 1.9L Diesel AAZ Turbo CAN	H1 657
GL (CANADA)	1994	4 - 1.9L Diesel CAN	H1 657
GLI	1994	4 - 1.9L Diesel CAN	H1 657
GLS	1995	4 - 1.9L Diesel Turbo CAN	H1 657
GLX VR6 (CANADA)	1995	4 - 1.9L Diesel Turbo CAN	H1 657
Golf	1985 - 1987	4 - 1.6L Diesel ME	H1 657
	1988 - 1992	4 - 1.6L Diesel ME CAN	H1 657
	1993 - 1996	4 - 1.9L Diesel AAZ Turbo CAN	H1 657
	1995 - 1996	4 - 1.9L Diesel AAZ CAN	H1 657
	1997	4 - 1.9L Diesel AAZ Turbo CAN	H1 659
	1999	4 - 1.9L Diesel Turbo	H1 659
	2000 - 2004	4 - 1.9L Diesel ALH Turbo	H1 659
	2004 - 2006	4 - 1.9L Diesel BEW Turbo	H1 659
GTI	1985 - 1987	4 - 1.6L Diesel ME	H1 657
	1988 - 1992	4 - 1.6L Diesel ME CAN	H1 657
	1993 - 1996	4 - 1.9L Diesel AAZ Turbo CAN	H1 657
	1996	4 - 1.9L Diesel AAZ CAN	H1 657
	1997	4 - 1.9L Diesel AAZ Turbo CAN	H1 659
	1999	4 - 1.9L Diesel Turbo	H1 659
	2000 - 2004	4 - 1.9L Diesel ALH Turbo	H1 659
	2004 - 2006	4 - 1.9L Diesel BEW Turbo	H1 659
GTI (CANADA)	1994	4 - 1.9L Diesel AAZ Turbo CAN	H1 657
	1995	4 - 1.9L Diesel AAZ CAN	H1 657
Jetta	1981	4 - 1.6L Diesel CR	H1 804
	1982	4 - 1.6L Diesel CR	H1 657
	1983 - 1984	4 - 1.6L Diesel JK	H1 657
	1983 - 1984	4 - 1.6L Diesel CY Turbo	H1 657
	1985 - 1987	4 - 1.6L Diesel MF Turbo	H1 657
	1985 - 1990	4 - 1.6L Diesel ME	H1 657
	1988	4 - 1.6L Diesel MF Turbo CAN	H1 657
	1991	4 - 1.6L Diesel	H1 657
	1992	4 - 1.6L Diesel CAN	H1 657
	1993 - 1996	4 - 1.9L Diesel CAN	H1 657
	1996 - 1997	4 - 1.9L Diesel Turbo CAN	H1 657
	1998	4 - 1.9L Diesel Turbo CAN	H1 659
	1999 - 2003	4 - 1.9L Diesel Turbo	H1 659
	2001	4 - 1.9L Diesel (8V) SOHC ALH Turbo	H1 659
	2004 - 2005	4 - 1.9L Diesel BEW Turbo	H1 659
	2005	4 - 1.9L D.I. Diesel BRM Turbo	H1 659



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**VOLKSWAGEN (USA)**

Jeta	1981	4 - 1.6L Diesel CR	H1 804
Jetta GLI	1982	4 - 1.6L Diesel CR	H1 657
	1983 - 1984	4 - 1.6L Diesel JK	H1 657
	1983 - 1984	4 - 1.6L Diesel CY Turbo	H1 657
	1985 - 1987	4 - 1.6L Diesel MF Turbo	H1 657
	1985 - 1990	4 - 1.6L Diesel ME	H1 657
	1988	4 - 1.6L Diesel MF Turbo CAN	H1 657
	1991	4 - 1.6L Diesel	H1 657
	1992	4 - 1.6L Diesel CAN	H1 657
	1993 - 1996	4 - 1.9L Diesel CAN	H1 657
	1996 - 1997	4 - 1.9L Diesel Turbo CAN	H1 657
	1998	4 - 1.9L Diesel Turbo CAN	H1 659
	1999 - 2003	4 - 1.9L Diesel Turbo	H1 659
	2001	4 - 1.9L Diesel (8V) SOHC ALH Turbo	H1 659
	2004 - 2005	4 - 1.9L Diesel BEW Turbo	H1 659
	2005	4 - 1.9L D.I. Diesel BRM Turbo	H1 659
Passat	1992 - 1996	4 - 1.9L Diesel CAN	H1 657
	1995	4 - 1.9L Diesel Turbo CAN	H1 657
	1996	4 - 1.9L Diesel Turbo	H1 657
	1997	4 - 1.9L Diesel Turbo	H1 659
	1997 - 1998	4 - 1.9L Diesel Turbo CAN	H1 659
Quantum	1982 - 1984	4 - 1.6L Diesel CY Turbo	H1 657
	1985	4 - 1.6L Diesel MD Turbo	H1 657
Quantum Syncro	1982 - 1984	4 - 1.6L Diesel CY Turbo	H1 657
	1985	4 - 1.6L Diesel MD Turbo	H1 657
Rabbit	1977 - 1979	4 - 1.5L Diesel	H1 804
	1980	4 - 1.5L Diesel CK	H1 804
	1981	4 - 1.6L Diesel CR	H1 804
	1982 - 1983	4 - 1.6L Diesel CR	H1 657
	1983	4 - 1.6L Diesel CY Turbo	H1 657
	1984	4 - 1.6L Diesel JK	H1 657
Rabbit Westmoreland	1981	4 - 1.6L Diesel CR	H1 657
Syncro	1992 - 1996	4 - 1.9L Diesel CAN	H1 657
	1995	4 - 1.9L Diesel Turbo CAN	H1 657
	1996	4 - 1.9L Diesel Turbo	H1 657
	1997	4 - 1.9L Diesel Turbo	H1 659
	1997 - 1998	4 - 1.9L Diesel Turbo CAN	H1 659
VR6	2003 - 2004	4 - 1.9L Diesel ALH Turbo	H1 659
	2004 - 2006	4 - 1.9L Diesel BEW Turbo	H1 659

VOLVO

240	2.4 Diesel	08/87-08/93	D 24	58	H1 657	H1 053
240 Kombi	2.4 Diesel	08/87-08/93	D 24	58	H1 657	
340-360	1.6 Diesel	08/84-07/91	D 16	40	H1 052	
440 K	1.9 Turbo-Diesel	07/94-12/96	D 19 T	66	H1 984	
460 L	1.9 Turbo-Diesel	07/94-07/96	D 19 T	66	H1 984	
740	2.4 Diesel	08/84-07/92	D 24	60	H1 657	H1 053
	2.4 Turbo-Diesel	09/85-07/92	D 24 T	80	H1 657	



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**VOLVO**

740	2.4 TD	08/84-07/90		83	H1 657	
	2.4 TD	08/86-10/88	D 24 TIC	90	H1 657	
740 Kombi	2.4 Diesel	08/85-07/88	D 24	60	H1 657	H1 053
	2.4 Turbo-Diesel	09/85-07/92	D 24 T	80	H1 657	H1 053
	2.4 TD	08/84-07/90		83	H1 657	
	2.4 TD Interc.	08/86-07/88	D 24 TIC	90	H1 657	H1 053
760	2.4 D	01/82-07/92	D 24	60	H1 657	H1 053
	2.4 Turbo-Diesel	04/87-07/92	D 24 T	80	H1 657	H1 053
	2.4 TD Interc.	08/87-07-92	D24 TIC	85	H1 657	H1 053
760 Kombi	2.4 D	01/82-07/92	D 24	60	H1 657	H1 053
	2.4 TD Interc.	08/87-07/92	D24 TIC	85	H1 657	H1 053
850	2.5 TDI	08/95-12/96	D 5252 T	103	H1 659	H1 458
850 Kombi	2.5 TDI	08/95-12/96	D 5252 T	103	H1 659	H1 458
940	2.4 D	08/90-12/94	D 24	60	H1 657	H1 053
	2.4 Turbo-Diesel	08/90-12/94	D 24 T	80	H1 657	H1 053
	2.4 TD Interc.	08/90-12/94	D 24 TIC	90	H1 657	H1 053
940 Kombi	2.4 D	08/90-07/95	D 24	60	H1 657	H1 053
	2.4 TD Interc.	08/90-08/94	D 24 T	90	H1 657	H1 053
	2.4 Turbo-Diesel	08/90-07/94	D 24 T	80	H1 657	H1 053
940 II	2.4 TD Interc.	08/94-10/98	D 24 TIC	90	H1 657	H1 053
940 II Kombi	2.4 TD Interc.	08/90-10/98	D 24 TIC	90	H1 657	
	2.4 TD Interc.	08/94-10/98	D 24 TIC	90	H1 657	H1 053
960	2.4 TD Interc.	09/91-07/94	D 24 TIC	85	H1 657	H1 053
960 Kombi	2.4 TD Interc.	09/91-07/94	D 24 TIC	85	H1 657	H1 053
C30	2.0 D	10/06-	D 4204 T	100	H1 992	
	1.6 D2	10/10-12/12	D 4162 T	84	H1 368	
	2.4 D5	10/06-07/10	D 5244 T13, D 5244 T8, to Ch.No.:62745	132	H5 018	
	2.4 D5	10/06-07/10	D 5244 T9, to Ch.No.:62745	120	H5 018	
	D3	10/10-12/12	D 5204 T5	110	H5 213	
	D4	10/10-12/12	D 2504 T	130	H5 213	
	D5	10/06-12/12	D 5244 T9	120	H5 213	
	D5	10/06-12/12	D 5244 T13, D 5244 T8	132	H5 213	
C70 II Cabriolet	2.0 D	01/08-	D 4204 T	100	H1 992	
	2.4 D	03/07-06/13	D 5244 T9	120	H5 213	
	2.4 D	03/07-07/10	D 5244 T9, to Ch.No.:49640	120	H5 018	
	2.4 D5	08/06-07/10	D 5244 T13, D 5244 T8, to Ch.No.:49640	132	H5 018	
	D3	10/10-06/13	D 5204 T5	110	H5 213	
	D4	10/10-06/13	D 5204 T	130	H5 213	
	D5	03/06-06/13	D 5244 T13, D 5244 T8	132	H5 213	
S 40 I	1.9 TD	07/95-08/99	D 4192 T	66	H1 098	
	1.9 DI	03/99-07/00	D 4192 T2	70	H1 089	
	1.9 DI	07/00-12/03	D 4192 T4	75	H1 825	
	1.9 DI	07/00-12/03	D 4192 T3	85	H1 825	
S 40 II	1.6 D	01/05-	D 4164 T	81	H1 737	
	1.6 D2	10/10-	D 4162 T	84	H1 368	
	2.0 D	01/04-	D 4204 T	100	H1 992	
	2.4 D5	03/06-07/10	D 5244 T13, D 5244 T8, to Ch.No.:380303	132	H5 018	



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**VOLVO**

S 40 II	2.4 D5	03/06-07/10	D 5244 T13, D 5244 T8, to Ch.No.:380304	132	H5 213	
	D3	10/10-	D 5204 T5	110	H5 213	
	D4	10/10-	D 5204 T	130	H5 213	
S 60	2.4 D	12/01-	D 5244 T2	96	H1 944	
	2.4 D5	07/01-	D 5244 T	120	H1 944	
	2.4 D	09/05-07/09	D 5244 T7	93	H5 018	
	2.4 D	08/06-01/09	D 5244 T5	120	H5 018	
	2.4 D5	09/05-07/09	D 5244 T4	136	H5 018	
S 60 II	1.6 D2	01/11-12/15	D 4162 T	84	H1 368	
	2.0 D2	03/15-	D 4204 T20, D 4204 T8	88	H5 213	
	2.0 D3	05/12-12/15	D 5204 T7	100	H5 018	
	2.0 D3	03/15-	D 4204 T4, D 4204 T9	110	H5 213	
	2.0 D3	04/10-12/14	D 5204 T2, D 5204 T3	120	H5 018	
	2.0 D4	05/12-	D 5204 T3	120	H5 018	
	D4	09/13-12/15	D 4204 T5	133	H5 213	
	2.0 D4 AWD	03/15-	D 4204 T14	140	H5 213	
	2.0 D5	03/15-	D 4204 T11	140	H5 213	
	2.4 D5	04/10-12/11	D 5244 T10	151	H5 018	
	2.4 D5 AWD	04/10-12/11	D 5244 T10	151	H5 018	
	2.4 D5	04/11-12/15	D 5244 T11, D 5244 T15	158	H5 213	
	2.4 D5 AWD	06/11-12/15	D 5244 T11, D 5244 T15	158	H5 213	
	D5	04/14-12/15	D 5244 T15	169	H5 213	
	D5 AWD	04/14-12/15	D 5244 T15	169	H5 213	
S 70	2.5 TDI	01/97-11/00	D 5252 T	103	H1 659	H1 458
S 80	2.4 D	10/01-07/06	D 5244 T2	96	H1 944	
	2.4 D5	08/01-07/06	D 5244 T	120	H1 944	
	2.5 TDI	01/99-07/06	D 5252 T	103	H1 659	
S 80 II	1.6 DRIVE	06/11-	D 4162 T	84	H1 368	
	2.0 TDI	02/08-	D 4204 T	100	H1 992	
	2.0 D3/D4	01/10-07/12	D 5204 T2, D 5204 T3	120	H5 018	
	2.4 D	01/10-	D 5244 T14	129	H5 213	
	2.4 D	03/06-07/09	D 5244 T5	120	H5 018	
	2.4 D5	03-06-07/09	D 5244 T4	136	H5 018	
	2.4 D5 AWD	01/07-07/09	D 5244 T4	136	H5 018	
	2.4 D5	06/11-	D 5244 T15	158	H5 018	
	2.4 D5	06/11-	D 5244 T15	158	H5 018	
	D4	09/13-	D 4204 T5	133	H5 213	
	D5	01/10-	D 5244 T10	151	H5 213	
	D5	06/11-	D 5244 T11, D 5244 T15	158	H5 213	
	D5 AWD	01/10-	D 5244 T10	151	H5 213	
V 40 D2	1.6	03/12-	D 4162 T	84	H1 368	
V 40 Kombi	1.9 TD	07/95-08/99	D 4192 T	66	H1 098	
	1.9 DI	03/99-07/00	D 4192 T2	70	H1 089	
	1.9 DI	07/00-06/04	D 4192 T4	75	H1 825	
	1.9 DI	07/00-06/04	D 4192 T3	85	H1 825	
	2.0 D	12/02-06/04	D 4204 T	100	H1 992	
V40 Hatchback	D3	03/12-03/15	D 5204 T5	110	H5 213	



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**VOLVO**

V 40 Hatchback	D4	05/14-	D 4204 T14	140	H5 213
	D4	03/12-	D 5204 T4	130	H5 213
V 50	1.6 D	01/05-	D 4164 T	81	H1 737
	1.6 D2	01/10-	D 4162 T	84	H1 368
	2.0 D	04/04-	D 4204 T	100	H1 992
	2.4 D5	03/06-07/10	D 5244 T8, to Ch.No.: 396178	132	H5 018
	2.4 D5	03/06-07/10	D 5244 T8, from Ch.No.: 396179	132	H5 213
	2.4 Tdi	05/07-	D 5244 T9	120	H5 213
	D3	10/10-	D 5207 T5	110	H5 213
	D4	10/10-	D 5204 T	130	H5 213
V 60	1.6 DRIVE	06/11-	D 4162 T	84	H1 368
	2.0 D3/D4	09/10-08/11	D 5204 T2, D 5204 T3	120	H5 213
	2.0 D4	03/15-	D 4204 T14	140	H5 213
	2.4 D5	09/10-08/11	D 5244 T10	151	H5 018
	2.4 D5 AWD	09/10-08/11	D 5244 T10	151	H5 018
	2.4 D5	06/11-	D 5244 T11, D 5244 T15	158	H5 213
	2.4 D5 AWD	06/11-	D 5244 T15	158	H5 213
	2.4 Hybrid D6 AWD	06/12-	D82PHEV	158	H5 213
	D3	12/12-	D 5204 T7	100	H5 213
	D4	10/13-	D 4204 T5	133	H5 213
	D4 AWD	12/12-	D 5244 T17	120	H5 213
	D4 AWD	10/13-	D 5244 T12	133	H5 213
	D4 AWD	03/15-	D 5244 T21	140	H5 213
	D6 Hybrid	03/15	D97PHEV	162	H5 213
V 70 III	D3	03/10-	D 5204 T7	100	H5 213
	D4	10/13-	D 4204 T5	133	H5 213
	D5	12/09-	D 5244 T10	151	H5 213
	D5 AWD	12/09-	D 5244 T10	151	H5 213
V 70 I Kombi	2.5 TDI	01/97-05/00	D 5252 T	103	H1 659
V 70 II Kombi	2.4 D	12/01-	D 5244 T2	96	H1 944
	2.4 D	08/06-08/07	D 5244 T7	93	H5 018
	2.4 D5	08/06-07/07	D 5244 T5	136	H5 018
	2.4 D5 AWD	08/06-08/07	D 5244 T4	136	H5 018
	2.4 D5	08/01-	D 5244 T	120	H1 944
	2.4 D5 AWD	03/03-	D 5244 T2	120	H1 944
	2.5 TDI	03/00-08/07	D 5244 T	103	H1 659
V70 III Kombi	2.0 D	10/07-	D 4204 T	100	H1 992
	1.6 DRIVE	06/11-	D 4162 T	84	H1 368
	2.4 D	08/07-07/09	D 5244 T5	120	H5 018
	2.4 D4 AWD	01/13-07/15	D 5244 T17	120	H5 018
	2.4 D	10/09-07/10	D 5244 T14	129	H5 018
	2.4 D4 AWD	10/13-	D 5244 T12	133	H5 018
	2.4 D5	08/07-07/09	D 5244 T4	136	H5 018
	2.4 D5 AWD	10/07-07/09	D 5244 T4	136	H5 018
	2.4 D5	06/11-07/15	D 5244 T11, D5244 T15	158	H5 018
	2.4 D5 AWD	06/11-07/15	D 5244 T11, D5244 T15	158	H5 018



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**VOLVO**

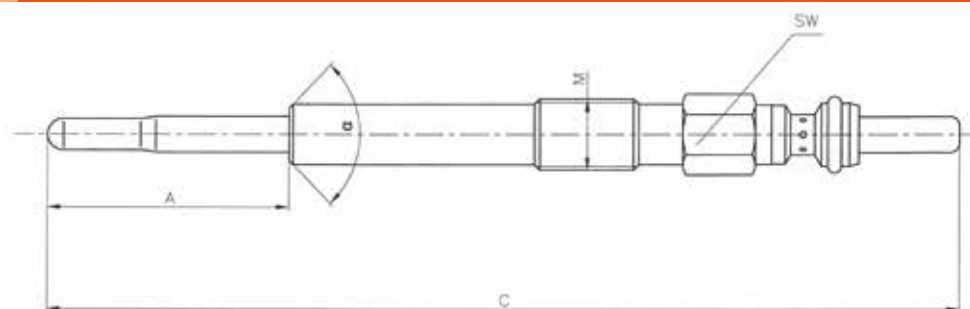
XC 60	2.4 D/D3/D4 AWD	05/08-07/09	D 5244 T5 (for exhaust emission norm euro 3, euro 4)	120	H5 018
	2.4 D5 AWD	05/08-07/09	D 5244 T4 (for exhaust emission norm euro 3, euro 4)	136	H5 018
	2.4 D	07/09-	D 5244 T14	129	H5 213
	2.4 D/D3/D4 AWD	05/08-	D 5244 T16, D 5244 T17, D 5244 T5	120	H5 213
	D3	04/12-	D 5204 T7	100	H5 213
	D3/D4	03/10-	D 5204 T2, D 5204 T3	120	H5 213
	D4	10/13-	D 4204 T5	133	H5 213
	D4 AWD	10/13-	D 5244 T12	133	H5 213
	D5	06/11-	D 5244 T15	158	H5 213
	D5 AWD	04/14-	D 5244 T23	169	H5 213
	D5 AWD	06/11-	D 5244 T11, D 5244 T15	158	H5 213
	D5 AWD	07/09-06/11	D 5244 T10	151	H5 213
	D5 AWD	05/08-	D 5244 T4	136	H5 213
	D5 AWD	05/08-	D 5244 T4	136	H5 213
XC 70 II	2.0 D3	08/11-	D 5204 T2	120	H5 018
	2.0 D3 AWD	08/11-	D 5204 T2	120	H5 018
	2.4 D/D4 AWD	08/07-07/11	D 5244 T	120	H5 018
	2.4 D	01/10-07/10	D 5244 T14	129	H5 018
	2.4 D5 AWD	08/07-07/09	D 5244 T4	136	H5 018
	D4	10/13-	D 4204 T5	133	H5 213
	D4 AWD	10/13-	D 5244 T12	133	H5 213
	D5 AWD	06/11-	D 5244 T11, D 5244 T15	158	H5 213
	D5 AWD	12/09-	D 5244 T10	151	H5 213
	D5 AWD	03/15	D 5244 T20	162	H5 213
XC 70 Cross country	2.4 D5 XC AWD	09/02-	D 5244 T	120	H1 944
	2.4 D5 AWD	12/05-08/07	D 5244 T4	136	H5 018
XC 90	2.4 D5	10/02-	D 5244 T	120	H1 944
	2.4 D3/D5	04/09-	D 5244 T5	120	H5 018
	2.4 D5	01/11-07/15	D 5244 T18	147	H5 018
	2.4 D5	05/06-07/15	D 5244 T4	136	H5 018
XC 90 II	D5 AWD	09/14-	D 4204 T11	165	H5 213
	D4	06/15	D 4204 T14	140	H5 213
	D4 AWD	06/15	D 4204 T6	140	H5 213
	D5 AWD	09/14	D 4204 T23	173	H5 213

VOLVO (USA)

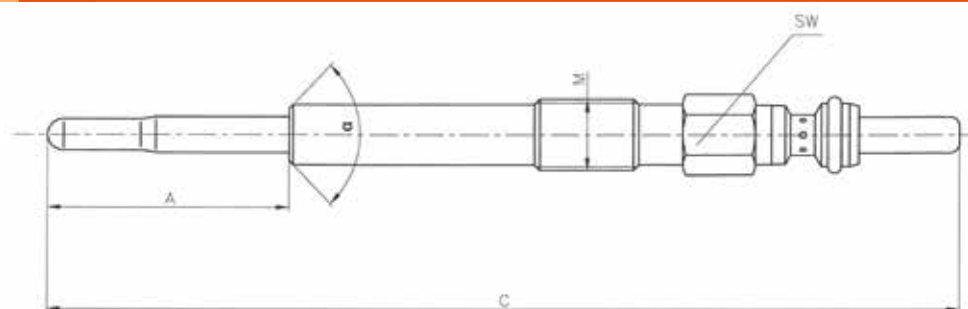
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740 Series	1985	6 - 2.4L DIESEL D24T TURBO(7)	H1 657
760 Series	1983 - 1985	6 - 2.4L DIESEL D24T TURBO(7)	H1 657
	1984	6 - 2.4L DIESEL D24(7)	H1 657

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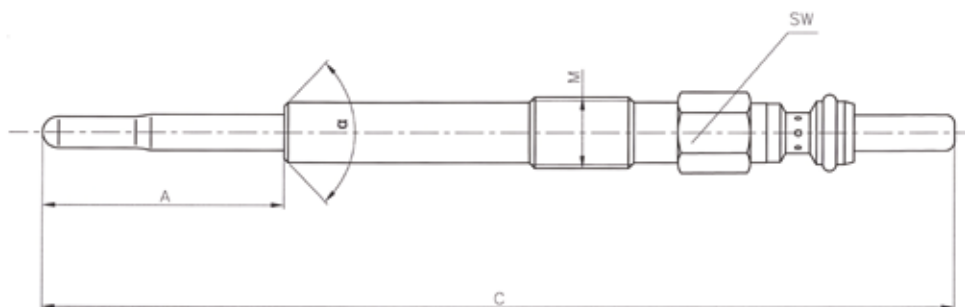
Transporter	C90,CT90	51-68	H0 610
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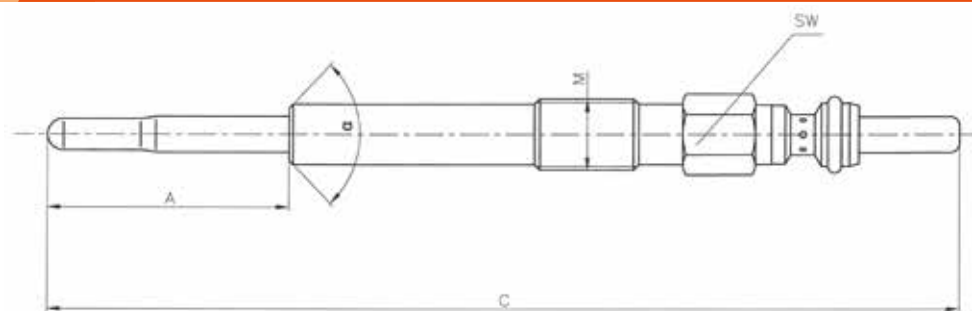
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H0 601	13 720 601	92,5	28	M18x1,5	21	63	9,5	40	M5
H0 605	13 720 605	71	24,5	M12x1,25	12	63	11	18	M5
H0 607	13 720 607	58,5	20	M12x1,25	12	63	11	18	M5
H0 610	13 720 610	77	28,5	M14x1,25	14	63	11	18	M5
H0 611	13 720 611	92,5	38	M18x1,5	21	63	9,5	40	M5
H0 614	13 720 614	68	20	M12x1,25	12	63	11	18	M5
H0 615	13 720 615	72	24,5	M12x1,25	12	63	11	10	M5
H0 643	13 720 643	89	24	M10x1,25	12	119	5	18	M4
H0 651	13 720 651	110	24,6	M12x1,25	12	63	11	18	M5
H0 680	13 720 680	95	24	M12x1,25	12	63	11	18	M5
H0 710	13 720 710	83	18	M10x1,25	12	119	5	18	M4
H0 711	13 720 711	79,5	27	M10x1	3/8"	93	6	30	faston 8,2
H0 712	13 720 712	77,5	29	M10x1	3/8"	93	6	30	faston 6,3
H0 713	13 720 713	82	27	M10x1	3/8"	93	5	30	pin fi4
H0 809	13 720 809	77	30	M12x1,25	12	63	11	18	M5
H0 811	13 720 811	100	30	M14x2	14	63	9,5	40	M5
H1 002	13 721 002	71	24,5	M12x1,25	12	63	11	9	M5
H1 003	13 721 003	58	20,5	M12x1,25	12	63	11	9	M5
H1 004	13 721 004	68	24,5	M12x1,25	12	63	11	9	M5
H1 005	13 721 005	77	30	M12x1,25	12	63	11	9	M5
H1 006	13 721 006	68	20	M12x1,25	12	63	11	9	M5
H1 007	13 721 007	92,5	28	M18x1,5	21	63	11	10	M5
H1 052	13 721 052	69	24,5	M12x1,25	12	63	11	6	M5
H1 053	13 721 053	67	29	M12x1,25	12	63	13,5	--	M5
H1 054	13 721 054	80,5	29	M12x1,25	12	63	13,5	--	pin fi4
H1 078	13 721 078	69	23	M12x1,25	12	63	11,5	7	M5
H1 086	13 721 086	72	25	M12x1,25	12	63	11	5	M5
H1 087	13 721 087	114	27	M12x1,25	12	63	11,5	4,5	pin
H1 088	13 721 088	118,5	27	M12x1,25	12	63	11,5	4,5	pin
H1 089	13 721 089	84	23,5	M10x1	10	63	11	4	M4
H1 090	13 721 090	133	29	M10x1	10	63	11	4	pin
H1 091	13 721 091	126	28,5	M10x1	10	63	11	5	M4
H1 096	13 721 096	62	18	M12x1,25	12	63	10	7	M5
H1 098	13 721 098	61	21	M12x1,25	12	63	11	5	M5
H1 105	13 721 105	151	31	M10x1,25	12	119	11	6	pin
H1 112	13 721 112	135,5	31	M10x1	10	63	11	6	pin
H1 113	13 721 113	68,2	28,3	M12x1,25	12	63	13,5	/	M5
H1 117	13 721 117	67	16	M10x1,25	12	63	11	6	M4
H1 118	13 721 118	106,5	33	M10x1	10	63	5	2	pin
H1 119	13 721 119	105	33	M10x1	10	63	11	5	pin



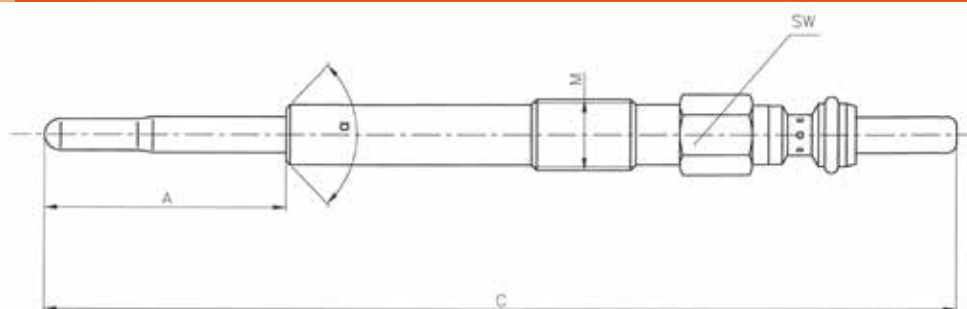
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H1 121	13 721 121	97	30	M10x1	10	63	11	5	pin
H1 122	13 721 122	148,5	27	M8x1	8	93	4,4	2	pin
H1 123	13 721 123	147	27	M8x1	8	93	11,5	5	pin
H1 124	13 721 124	150	25	M10x1	10	63	11	5	pin
H1 125	13 721 125	139	24	M12x1,25	12	119	11	5	M4
H1 126	13 721 126	67	21	M12x1,25	12	63	11	5	M4
H1 127	13 721 127	97	30	M10x1	10	63	5	2	pin
H1 138	13 721 138	133,5	29	M10x1	10	63	5	2	pin
H1 139	13 721 139	133	31	M10x1	10	63	5	2	pin
H1 143	13 721 143	127	30,5	M10x1	10	63	11,5	5	pin
H1 144	13 721 144	160	36	M10x1,25	10	93	11	5	M4
H1 145	13 721 145	170	36,5	M10x1,25	12	93	11	5	M4
H1 159	13 721 159	69	26	M12x1,25	12	63	11	5	M4
H1 166	13 721 166	124	28	M8x1	8	123	11	5	pin
H1 192	13 721 192	132	24	M10x1,25	12	119	11	5	M4
H1 193	13 721 193	97	28	M8x1	8	123	11	5	pin
H1 194	13 721 194	80	24	M14x1,25	17	63	9,5	40	M5
H1 195	13 721 195	129	31	M10x1	10	93	11	6	pin
H1 197	13 721 197	77,5	29	M10x1	10	93	11	6	faston 6,3
H1 198	13 721 198	136	28,5	M10x1,25	12	123	11	5	M4
H1 199	13 721 199	122	24	M14x1,25	10	123	11	4	pin
H1 200	13 721 200	149	26,5	M10x1	8	90	11	5	pin
H1 201	13 721 201	130	26,5	M10x1	10	90	11,5	5	pin
H1 203	13 721 203	137	28	M10x1,25	12	119	11	6	M4
H1 204	13 721 204	82	19	M10x1,25	12	123	11	5	M4
H1 205	13 721 205	68	17	M10x1,25	12	120	24	6	M4
H1 206	13 721 206	120	22	M14x1,25	10	123	11	5	pin
H1 207	13 721 207	130	25	M10x1	10	63	11	5	pin
H1 208	13 721 208	134,5	30	M10x1,25	12	120	11	5	M4
H1 209	13 721 209	82,5	19	M10x1,25	12	123	11	5	M4
H1 210	13 721 210	94,5	17	M10x1,25	12	123	11	5	M4
H1 211	13 721 211	84	18	M10x1,25	12	123	11	5	M4
H1 212	13 721 212	179	21	M10x1,25	12	119	11	5	M4
H1 213	13 721 213	100	28	M10x1,25	12	93	14	15	M4
H1 214	13 721 214	88	23	M10x1,25	12	119	24	8	M4
H1 215	13 721 215	119	31	M10x1,25	12	119	11	6	M4
H1 216	13 721 216	77	28	M14x1,25	17	60	8	25	M5
H1 217	13 721 217	137	28	M10x1,25	12	119	4,7	2	M4
H1 339	13 721 339	130	28	M10x1	10	63	4,4	2	pin
H1 368	13 721 368	112	28	M8x1	8	123	5	2	pin



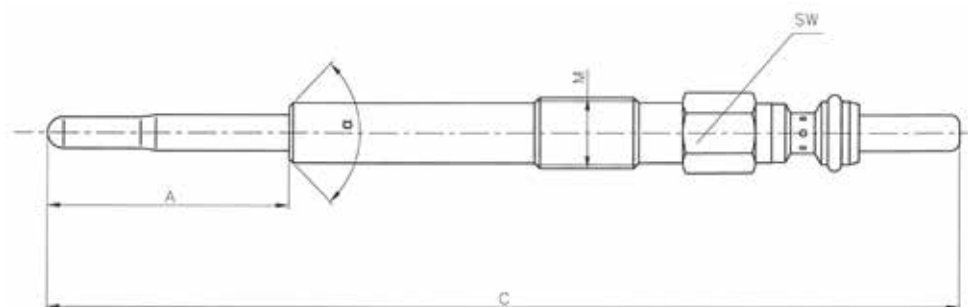
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H1 391	13 721 391	81	16	M10x1,25	12	119	11	6	M4
H1 392	13 721 392	96,5	24,5	M10x1	10	63	4,4	2	pin
H1 393	13 721 393	90,5	24,5	M10x1	10	63	4,4	2	pin
H1 394	13 721 394	119,5	28	M9x1	9	93	4,4	2	pin
H1 395	13 721 395	131	28	M8x1	8	93	4,4	2	pin
H1 396	13 721 396	156,5	35	M9x1	9	93	4,4	2	pin
H1 397	13 721 397	130	28	M10x1	10	63	5	2	pin fi4
H1 398	13 721 398	130	25,5	M10x1	10	63	5	2	pin
H1 406	13 721 406	160	31	M10x1,25	12	119	11	6	M4
H1 407	13 721 407	140	30	M10x1,25	12	120	11	6	M4
H1 408	13 721 408	130	26	M8x1	8	93	4,4	2	pin
H1 410	13 721 410	122	30	M10x1,25	12	120	11	6	M4
H1 411	13 721 411	154	28	M10x1	10	123	11	6	pin fi4
H1 412	13 721 412	83	20	M10x1,25	12	123	11	6	M4
H1 418	13 721 418	169	35	M10x1,25	12	93	11	6	M4
H1 426	13 721 426	125	26,5	M10x1	10	90	23	6	M4
H1 429	13 721 429	138	25	M12x1,25	12	123	12	5	M4
H1 430	13 721 430	159,5	28,5	M10x1,25	10	93	11	6	M4
H1 432	13 721 432	210	23	M10x1,25	12	120	11	5	M4
H1 436	13 721 436	163	36	M10x1,25	10	120	11	6	M4
H1 440	13 721 440	167,5	32,5	M10x1,25	12	119	11	6	M4
H1 442	13 721 442	130,5	29	M10x1,25	12	123	11	6	M4
H1 443	13 721 443	138	25	M12x1,25	12	119	11,5	5	M4
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H1 446	13 721 446	166	36	M10x1,25	12	93	11	6	M4
H1 449	13 721 449	102	25	M10x1,25	12	93	11	6	M4
H1 450	13 721 450	156	35	M9x1	9	93	11	6	pin fi4
H1 451	13 721 451	100	27,5	M10x1,25	12	93	11	5	M4
H1 453	13 721 453	139	29	M10x1,25	10	93	5	2	M4
H1 454	13 721 454	84	22	M10x1,25	12	120	11	7	M4
H1 455	13 721 455	87	21,5	M10x1,25	12	120	11	5	M4
H1 458	13 721 458	72	20	M12x1,25	12	63	12	6	pin fi4
H1 469	13 721 469	154	36	M10x1,25	12	119	11	6	M4
H1 478	13 721 478	154	30	M10x1	10	123	11	6	pin fi4
H1 512	13 721 512	97	28	M10x1,25	12	93	7	18	M4
H1 532	13 721 532	84	22	M10x1,25	12	119	10,5	9	M4
H1 547	13 721 547	90	22	M10x1,25	12	119	12	20	M4
H1 561	13 721 561	68	20	M10x1,25	12	119	11	16	M4
H1 568	13 721 568	68	20	M10x1,25	12	119	10,5	16	M4
H1 574	13 721 574	58,5	20	M12x1,25	12	63	6,5	18	M5



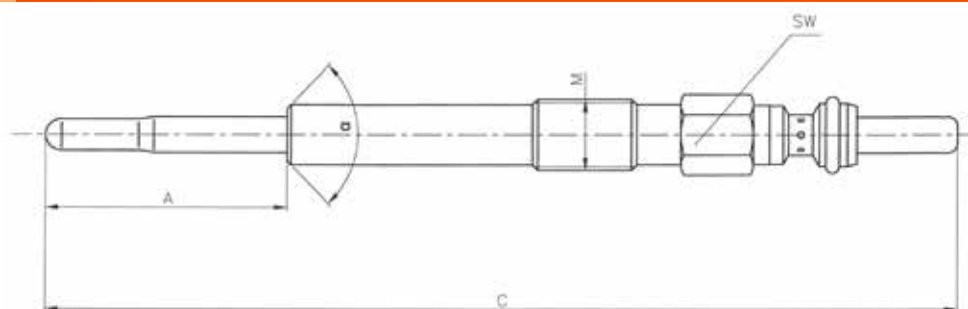
SHORT CODE	KODA REF. NO.	C	A	M	SW	α	U [V]	ČAS[s] TIME [s]	PIN/M
H1 575	13 721 575	68	18	M10x1,25	12	119	11	9	M4
H1 576	13 721 576	86	21,5	M10x1,25	12	119	6,5	18	M4
H1 577	13 721 577	69	19	M10x1,25	12	119	23	8	M4
H1 594	13 721 594	98	28	M10x1,25	12	93	8,5	16	M4
H1 605	13 721 605	90	31	M10x1,25	12	93	7	18	M4
H1 637	13 721 637	63	25	M12x1,25	12	63	11	9	M5
H1 638	13 721 638	68	20	M12x1,25	12	63	11	9	M4
H1 651	13 721 651	120	25	M12x1,25	12	63	11	8	cabel
H1 652	13 721 652	120	25	M12x1,25	12	63	23	8	cabel
H1 653	13 721 653	75	25	M10x1,25	12	119	11	6	M4
H1 655	13 721 655	72	24,5	M12x1,25	12	63	12,5	7	M5
H1 656	13 721 656	72	24,5	M12x1,25	12	63	11	6	M5
H1 657	13 721 657	59	20,5	M12x1,25	12	63	11	6	M5
H1 658	13 721 658	120	40	M10x1	10	63	11,5	5	pin
H1 659	13 721 659	92	24,5	M10x1	10	63	11	5	pin
H1 661	13 721 661	87	30	M10x1	10	63	11,5	5	M4
H1 665	13 721 665	69	21	M12x1,25	12	63	11,5	5	M4
H1 666	13 721 666	95	22	M10x1,25	12	119	11	5	M4
H1 667	13 721 667	92	32	M10x1,25	12	93	11	5	M4
H1 669	13 721 669	120	40	M10x1,25	10	63	11	6	pin fi4
H1 671	13 721 671	60	18	M12x1,25	12	63	11,5	6	M5
H1 678	13 721 678	122	29	M10x1	10	93	23	5	M4
H1 687	13 721 687	120	24,5	M12x1,25	12	63	11	10	M5
H1 691	13 721 691	81,5	18	M10x1,25	12	119	11	8	M4
H1 692	13 721 692	87,5	24	M10x1,25	12	119	11	8	M4
H1 693	13 721 693	118,5	33	M10x1	10	93	11	4	M4
H1 700	13 721 700	96	19	M10x1,25	12	123	11	5	M4
H1 701	13 721 701	81	19	M10x1,25	12	123	11	5	M4
H1 703	13 721 703	95	22	M10x1,25	12	119	6	10	M4
H1 705	13 721 705	147	35	M10x1	10	93	11,5	4	M4
H1 709	13 721 709	93	24,5	M10x1	10	63	11	7	M4
H1 711	13 721 711	97	28	M10x1,25	12	119	11	5	M4
H1 712	13 721 712	72	25	M12x1,25	12	63	11	5	M4
H1 728	13 721 728	147	35	M10x1	10	93	23		M4
H1 731	13 721 731	89	30	M10x1	10	63	11	5	M4
H1 732	13 721 732	107	28	M10x1	10	63	11	5	M4
H1 737	13 721 737	118	28	M8x1	8	123	11	5	M4
H1 738	13 721 738	86	28	M12x1,25	12	63	11,5	4	pin fi4
H1 739	13 721 739	130	28	M10x1	10	63	11,5	5	pin
H1 755	13 721 755	97	28	M10x1,25	12	93	23	7	M4
H1 789	13 721 789	84,5	22	M10x1,25	12	120	11	6	M4



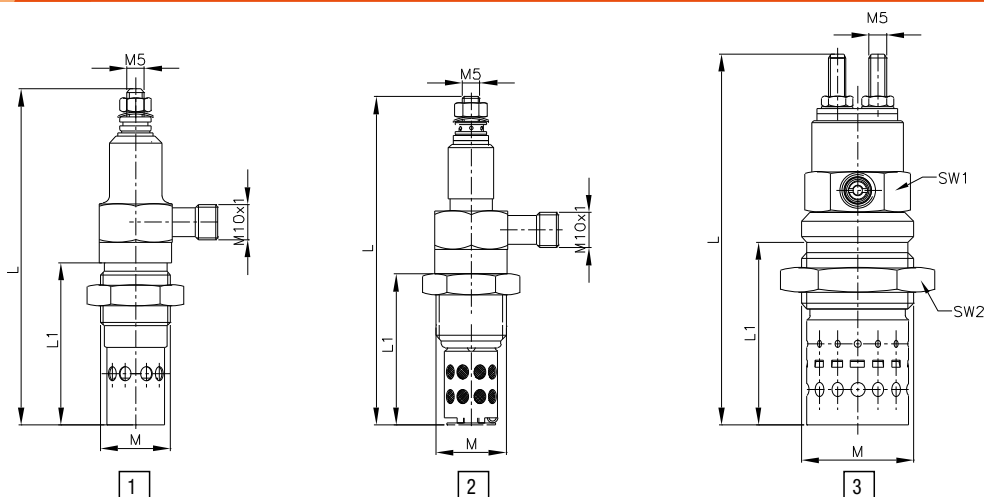
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H1 790	13 721 790	100	28	M10x1,25	12	93	10,5	8	M4
H1 792	13 721 792	71	25	M12x1,25	12	63	11	6	M5
H1 793	13 721 793	95	25	M10x1	10	63	11	6	M4
H1 794	13 721 794	96	25	M10x1	10	93	10	5	M4
H1 795	13 721 795	125	26	M10x1	10	90	11,5	5	M4
H1 796	13 721 796	87	22	M10x1,25	10	120	23	7	M4
H1 797	13 721 797	83	20	M10x1,25	12	119	11	6	M4
H1 798	13 721 798	88	25	M10x1	12	119	6,5	22	M4
H1 799	13 721 799	90	22	M10x1,25	12	120	11	6	M4
H1 801	13 721 801	68	18	M10x1,25	12	119	11	7	M4
H1 802	13 721 802	103	25	M10x1	10	63	11	6	pin
H1 804	13 721 804	61	21	M12x1,25	12	63	11	20	M5
H1 806	13 721 806	88,5	24	M10x1,25	12	119	10,5	10	M4
H1 807	13 721 807	140	25	M12x1,25	12	119	11	10	M4
H1 808	13 721 808	76	25	M10x1	10	63	11	6	M4
H1 809	13 721 809	97	32	M10x1,25	12	93	6	10	M4
H1 810	13 721 810	97	30	M10x1	10	63	11	6	pin
H1 811	13 721 811	85	22	M10x1,25	12	120	8,5	10	M4
H1 815	13 721 815	152	40	M8x1	8	93	11	7	pin
H1 816	13 721 816	152	30	M9x1	9	93	11	7	pin
H1 821	13 721 821	79	25	M10x1	10	63	11	5	M4
H1 824	13 721 824	84	25	M10x1	10	63	11	6	M4
H1 825	13 721 825	88	25	M10x1	10	63	11	5	pin
H1 826	13 721 826	71	25	M12x1,25	12	63	11	12	M5
H1 842	13 721 842	76	21	M12x1,25	12	63	11	6	pin
H1 859	13 721 859	119	28	M8x1	8	93	11	7	pin
H1 860	13 721 860	143	25	M10x1,25	12	119	11	5	pin
H1 918	13 721 918	144	24	M10x1,25	12	123	11	5	M4
H1 919	13 721 919	97	27,5	M10x1,25	12	93	11	5	M4
H1 920	13 721 920	84	18	M10x1,25	12	120	11	5	M4
H1 921	13 721 921	81	18	M10x1,25	12	119	11	5	M4
H1 922	13 721 922	99	25	M10x1	10	63	11	5	pin
H1 944	13 721 944	126	25	M8x1	8	93	11	7	pin
H1 955	13 721 955	111	30	M10x1	10	63	11	5	M4
H1 957	13 721 957	130	31,2	M10x1	10	63	11	6	M4
H1 961	13 721 961	126	35	M10x1	10	63	11	5	pin
H1 962	13 721 962	99	30	M18x1,5	19	plan	24	20	pin fi10
H1 975	13 721 975	138	25	M12x1,25	12	119	23	7	M4
H1 976	13 721 976	138	25	M12x1,25	12	119	11	7	M4
H1 977	13 721 977	151	25	M10x1	10	63	11	5	pin
H1 984	13 721 984	60	20	M12x1,25	12	63	11	6	M5



SHORT CODE	KODA REF. NO.	C	A	M	SW	α	U [V]	ČAS[s] TIME [s]	PIN/M
H1 992	13 721 992	118,6	28	M10x1	10	63	11	5	M4
H1 993	13 721 993	117	30	M8x1	8	93	4,4	2	pin fi4
H5 015	13 725 015	149	35	M10x1	10	93	4,4	2	M4
H5 016	13 725 016	137	24	M10x1,25	10	120	4,4	2	pin fi4
H5 017	13 725 017	163	26	M10x1	10	93	4,5	2	pin fi4
H5 018	13 725 018	134,5	27,5	M8x1	8	93	4,4	2	pin fi4
H5 019	13 725 019	69	19	M8x1	12	123	11	5	M4
H5 020	13 725 020	107,8	29	M10x1	10	63	11	5	pin fi4
H5 021	13 725 021	160	31	M10x1,25	12	119	11	6	pin fi4
H5 025	13 725 025	119	28,2	M9x1	9	93	4,4	2	pin fi4
H5 092	13 725 092	137	28	M10x1,25	12	119	4,7	2	M4
H5 093	13 725 093	133,5	28	M10x1	10	63	4,4	2	pin fi4
H5 094	13 725 094	134	19,5	M10x1,25	12	119	11	7	M4
H5 095	13 725 095	134,5	30	M10x1,25	12	120	22,5	7	M4
H5 098	13 725 098	71	25	M12x1,25	12	63	18	30	M5
H5 099	13 725 099	74	19	M10x1,25	12	119	23	7	M4
H5 100	13 725 100	69	22,5	M12x1,25	12	63	18	30	M5
H5 101	13 725 101	134,5	24	M12x1,25	12	119	20,5	9	M4
H5 102	13 725 102	71,5	24	M10x1,25	12	120	11	5	M4
H5 103	13 725 103	88,5	25	M10x1,25	12	119	20,5	9	M4
H5 104	13 725 104	69	16	M10x1,25	12	119	10,5	5	M4
H5 109	13 725 109	81	20,5	M12x1,25	12	120	22,5	7	M4
H5 110	13 725 110	88	28	M12x1,25	12	63	23	7	pin fi4
H5 113	13 725 113	72	25	M12x1,25	12	63	11	6	M5
H5 114	13 725 114	89	29,6	M10x1	10	63	11	5	M4
H5 122	13 725 122	117	29,5	M8x1	8	93	7	2	pin
H5 123	13 725 123	139	28	M10x1,25	10	93	7	2	M4
H5 124	13 725 124	148	26,4	M8x1	8	93	7	2	pin fi4
H5 126	13 725 126	163	25,5	M10x1	9	93	7	2	pin fi4
H5 128	13 725 128	156	29	M12x1,25	12	123	7	2	pin fi4
H5 150	13 725 150	124	24,5	M8x1	10	93	7	2	pin fi4
H5 158	13 725 158	119	28	M9x1	9	93	5	2	pin fi4
H5 179	13 725 179	82	25	M12x1,25	12	63	11	6	pin f4
H5 181	13 725 181	157,5	27,5	M10x1,25	10	93	11	6	M4
H5 185	13 725 185	124	30	M10x1	10	93	7	2	pin fi4
H5 191	13 725 191	93	30	M8x1	8	93	4,4	2	pin fi4
H5 192	13 725 192	146	31,5	M10x1	10	93	4,4	2	pin fi4
H5 193	13 725 193	94	26	M10x1	10	63	5	2	pin fi4
H5 194	13 725 194	156	26	M10x1,25	10	119	4,4	2	pin fi4
H5 199	13 725 199	97	30	M10x1	10	63	7	2	pin fi4
H5 209	13 725 209	133	28	M10x1	10	63	7	2	pin fi4



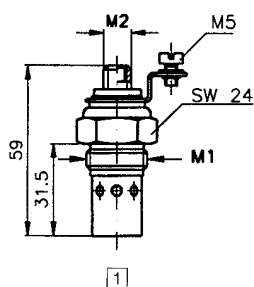
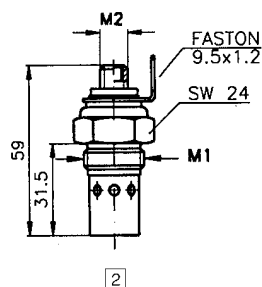
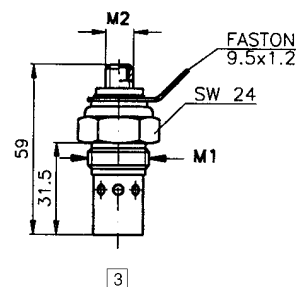
SHORT CODE	KODA REF. NO.	C	A	M	SW	α	U [V]	ČAS[s] TIME [s]	PIN/M
H5 210	13 725 210	134	28	M10x1	10	63	7	2	pin fi4
H5 213	13 725 213	135	27	M8x1	8	93	7	2	pin fi4
H5 218	13 725 218	138	22	M10x1	10	123	11,5	6	M4
H5 221	13 725 221	158	27	M10x1	8	93	7	2	pin fi4
H5 222	13 725 222	169	27	M10x1	10	93	7	2	pin fi4
H5 232	13 725 232	153	24	M10x1	10	63	5	2	pin fi4
H5 240	13 725 240	145	31	M8x1	8	93	4,4	2	pin fi4
H5 243	13 725 243	92	24	M8x1	8	93	11	6	M4
H5 244	13 725 244	91	24	M10x1	10	63	11	5	M4
H5 247	13 725 247	170	31	M10x1,25	12	93	11	6	M4
H5 254	13 725 254	141,5	26	M8x1	8	123	5	2	pin fi4



SHORT CODE	KODA REF. NO.	M	L	L1	SW1/SW2	U [V]	TYPE	FUEL cm ³ /min	AIR# cm ³ /min	VGRADNJA APPLICATION
H0 502	13 720 502	M20x1,5	93,5	41	21/24	19	1	9,6	280	KHD
H0 504	13 720 504	M20x1,5	93,5	41	21/24	19	1	10,8	320	KHD
H0 506	13 720 506	M20x1,5	93,5	41	21/24	19	1	8,3	250	MAN
H0 511	13 720 511	M20x1,5	93,5	41	21/24	9,5	1	15,7	360	Universal
H0 513	13 720 513	M20x1,5	93,5	41	21/24	9,5	1	7,3	220	Iveco
H0 533	13 720 533	M20x1,5	93,5	41,4	21/24	23	1	9,6	280	Iveco
H0 537	13 720 537	M20x1,5	93,5	41	21/24	11	1	9,6	280	Iveco
H0 538	13 720 538	M20x1,5	93,5	41	21/24	23	1	9,6	280	Iveco
H0 539	13 720 539	M20x1,5	93,5	41	21/24	23	1	16	470	Iveco
H0 540	13 720 540	M20x1,5	93,5	41	21/24	23	1	20,8	500	Iveco
H0 541	13 720 541	M20x1,5	93,5	41	21/24	23	1	11,9	350	Iveco
H0 542	13 720 542	M20x1,5	93,5	41	21/24	23	1	14,2	420	Iveco
H0 544	13 720 544	M20x1,5	93,5	41,5	21/24	9,5	1	10,8	320	KHD
H0 546	13 720 546	M20x1,5	93,5	41,5	21/24	11	1	11	330	DEUTZ
H0 547	13 720 547	M20x1,5	93,5	41,5	21/24	11	1	9,6	280	DEUTZ
H0 548	13 720 548	M20x1,5	93,5	41,5	21/24	11	1	10,8	320	DEUTZ
H0 561	13 720 561	M20x1,5	93,5	41	21/24	19	1	8,3	250	Universal
H0 567	13 720 567	M32x1,5	115	54	27/36	23	3	17,1	500	Universal
H0 568	13 720 568	M32x1,5	102	54	27/36	19	3	23,7	700	Universal
H0 569	13 720 569	M20x1,5	96	46	21/24	11	2	6	175	Iveco
H0 572	13 720 572	M20x1,5	96	46	21/24	12	2	8	240	Universal
H0 580	13 720 580	M20x1,5	93,5	41	21/24	19	1	11,2	330	KHD
H0 584	13 720 584	M20x1,5	93,5	41	21/24	9,5	1	9,4	280	Iveco
H0 590	13 720 590	M20x1,5	96	46	21/24	20	2	7,3	220	Universal
H0 591	13 720 591	M20x1,5	96	46	21/24	19	2	7,3	220	Universal
H0 592	13 720 592	M20x1,5	96	46	21/24	21	2	12,2	360	Iveco
H0 593	13 720 593	M20x1,5	96	46	21/24	21	2	17,1	500	Iveco
H0 594	13 720 594	M20x1,5	96	46	21/24	23	2	6	175	Cummins
H0 597	13 720 597	M32x1,5	105	54	27/36	21	3	13,2	390	MAN
H0 598	13 720 598	M20x1,5	96	46	21/24	21	2	8	240	MAN
H0 903	13 720 903	M20x1,5	93,5	41,5	21/24	11	1	9,4	280	

PRETOK ZRAKA pri temperaturi 20°C in tlaku 1,5bar • AIR FLOW at temperature 20°C and pressure 1,5bar

PRETOK GORIVA merjen s testno tekočino po DIN/ISO 4113 pri tlaku 1,5 bar in temperaturi 23°C • FUEL FLOW measured with test fluid DIN/ISO 4113 with pressure 1,5 bar and temperature 23°C


1

2

3

SHORT CODE	KODA REF. NO.	M1	M2	LENGHT	LENGHT1	cm ³ /min***	U [V]	I [A]	TYPE
H0 303	13 720 303	1/2" BSP	3/8" 24 UNF	59	31,5	2-3,2	12	12,5	2
H0 304	13 720 304	M 22X1,5	M 10X1	59	31,5	3,5-5	12	12,5	2
H0 305	13 720 305	7/8" 24 UNF	3/8" 24 UNF	59	31,5	3,5-5	12	12,5	2
H0 306	13 720 306	1/2" BSP	3/8" 24 UNF	59	31,5	3,5-5	12	12,5	2
H0 308	13 720 308	1/2" BSP	3/8" 24 UNF	59	31,5	7-12	24	8	1
H0 309	13 720 309	1/2" BSP	3/8" 24 UNF	59	31,5	11-15	24	8	2
H0 310	13 720 310	1/2" BSP	3/8" 24 UNF	59	31,5	3,5-5	24	6	2
H0 311	13 720 311	M 22X1,5	M 10X1	59	31,5	3,5-5	12	12,5	1
H0 312	13 720 312	7/8" 14 UNF	3/8" 24 UNF	59	31,5	3,5-5	12	12,5	1
H0 313	13 720 313	M 22X1,5	M 10X1	59	31,5	2-3,2	12	12,5	1
H0 316	13 720 316	7/8" 14 UNF	3/8" 24 UNF	59	31,5	7-12	24	8	1
H0 317	13 720 317	M 22X1,5	M 10X1	59	31,5	3,5-5	24	6	1
H0 318	13 720 318	7/8" 14 UNF	3/8" 24 UNF	59	31,5	7-12	24	8	2
H0 319	13 720 319	1/2" BSP	3/8" 24 UNF	59	31,5	3,5-5	12	12,5	1
H0 320	13 720 320	M 22X1,5	3/8" 24 UNF	59	31,5	2-3,2	12	12,5	2
H0 321	13 720 321	7/8" 14 UNF	3/8" 24 UNF	59	31,5	2-3,2	12	12,5	2
H0 323 *	13 720 323	7/8" 14 UNF	3/8" 24 UNF	59	31,5	3,5-5	12	12,5	2
H0 324 *	13 720 324	7/8" 14 UNF	3/8" 24 UNF	59	31,5	3,5-5	12	12,5	1
H0 328	13 720 328	M 20X1,5	M 10X1	59	31,5	7-12	24	8	1
H0 331	13 720 331	M 20X1,5	M 10X1	59	31,5	3,5-5	24	6	2
H0 333	13 720 333	7/8" 14 UNF	3/8" 24 UNF	59	31,5	3,5-5	24	6	1
H0 336	13 720 336	M 20X1,5	M 10X1	59	31,5	7-12	24	8	2
H0 337	13 720 337	1/2" BSP	3/8" 24 UNF	59	31,5	7-12	24	8	2
H0 338	13 720 338	1/2" BSP	3/8" UNF	59	31,5	3,5-5	24	6	1
H0 339	13 720 339	7/8" 14 UNF	3/8" 24 UNF	59	31,5	7-12	12	15,5	2
H0 343 *	13 720 343	1/2" BSP	3/8" 24 UNF	59	31,5	3,5-5	12	12,5	2
H0 344 *	13 720 344	7/8" 14 UNF	3/8" 24 UNF	59	31,5	2-3,2	12	12,5	1
H0 345	13 720 345	7/8" 14 UNF	3/8" 24 UNF	59	31,5	7-12	12	15,5	1
H0 359	13 720 359	1/2" BSP	3/8" 24 UNF	59	31,5	7-12	12	15,5	1
H0 360	13 720 360	M 22X1,5	3/8" 24 UNF	59	31,5	3,5-5	12	12,5	2
H0 361 *	13 720 361	1/2" BSP	3/8" 24 UNF	59	31,5	11-15	24	8	2
H0 371 *	13 720 371	1/2" BSP	3/8" 24 UNF	59	31,5	7-12	24	8	2
H0 375 ***	13 720 375	7/8" 14 UNF	3/8" 24 UNF	59	31,5	2-3,2	12	12,5	2
H0 401 *	13 720 401	M 22X1,5	3/8" 24 UNF	59	31,5	3,5-5	12	12,5	2
H0 402 *	13 720 402	M 22X1,5	3/8" 24 UNF	59	31,5	3,5-5	12	12,5	1
H0 409 *	13 720 409	7/8" 14 UNF	3/8" 24 UNF	59	31,5	7-12	12	15,5	2
H0 410 **	13 720 410	7/8" 14 UNF	3/8" 24 UNF	59	31,5	3,5-5	12	12,5	2
H0 430	13 720 430	M 22X1,5	M 10X1	64,5	33	300 #	8	24	3

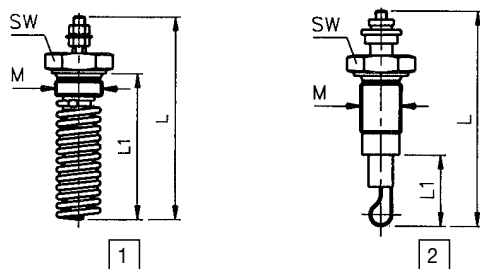
* ZA TURBO MOTORJE • FOR TURBO ENGINES

** FASTON 6,3 x 0,8

*** ZA TURBO MOTORJE + FASTON 6,3 x 0,8 • FOR TURBO ENGINES + FASTON 6,3 x 0,8

**** PRETOK GORIVA - PLINSKO OLJE (NAFTA D2) PRI TEMPERATURI 20°C, VIZKOZNOST 1,55°E, TLAK 2,5kPa • FUEL FLOWRATE - GAS OIL AT 20°C, VISCOSITY 1,55°E, PRESSURE 2,5 kPa

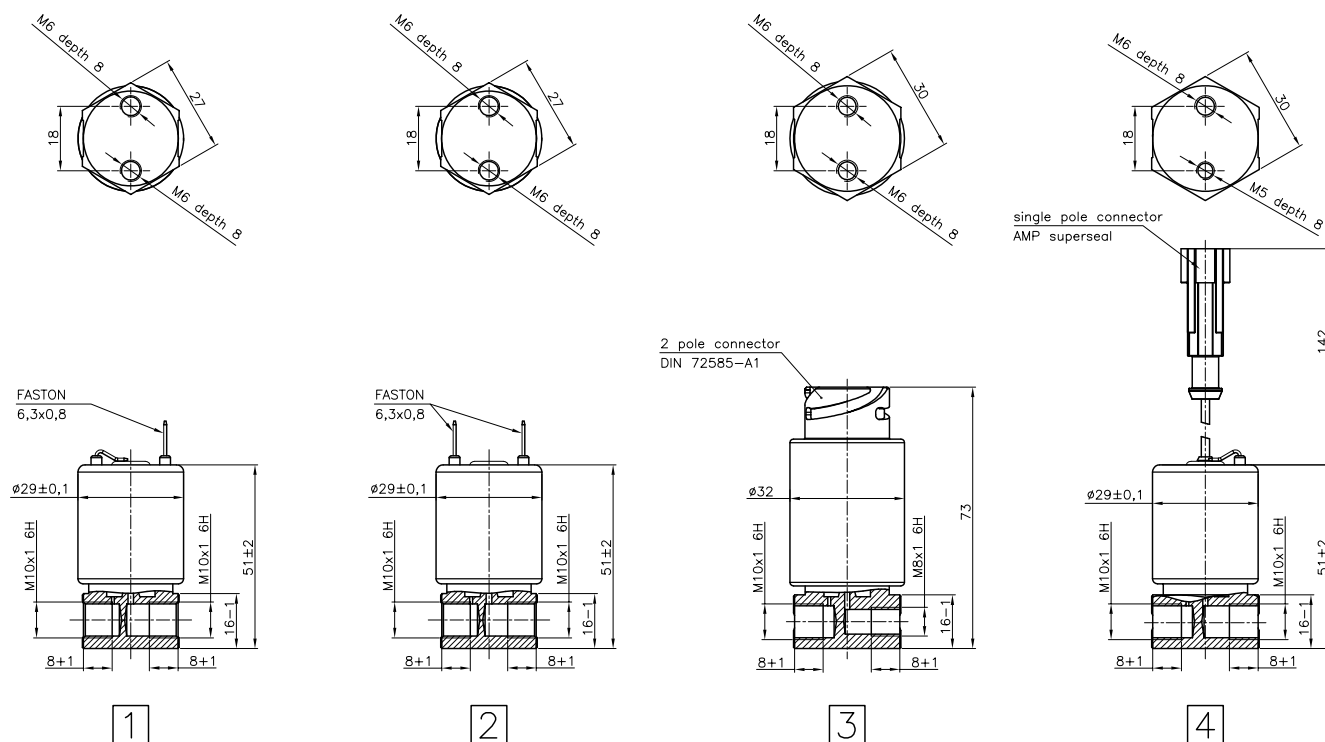
PRETOK ZRAKA cm³/min PRI 20°C IN TLAKU 150 kPa • AIR FLOW cm³/min AT 20°C AND PRESSURE 150 kPa (ROTA VALUE)



KODA REF. NO.	M	L	L1	SW	U [V]	I [A]	TESNENJE* TIGHTENING*	VGRADNJA APLICATION	**	TYPE
13 720 103	M18 X 1.50	91	28	21	0.9	42	2	MERCEDES	2	2
13 720 204	M18 X 1.50	93	49	24	4	15.8	1	WEBASTO	2	/
13 720 205	M14 X 1.25	65	32.5	19	12	20	1	WEBASTO	2	1
13 720 207	M14 X 1.25	62.5	42.5	19	12	20	1	EBERSPÄCHER	2	1
13 720 208	M14 X 1.25	64	43	19	24	13	1	WEBASTO	2	1
13 720 209	M22 X 1.50	103	65	27	12	58	2	LISTER PETTER	2	1
13 720 210	UNF 7/8-14	89	65	27	11	64	2	FIAT, JD	1	1
13 720 211	M22 x 1,50	89	65	27	11	50	2	FORD	1	1
13 720 212	G 1/2"	85.5	53	24	12	28	2	LISTER PETTER	1	1

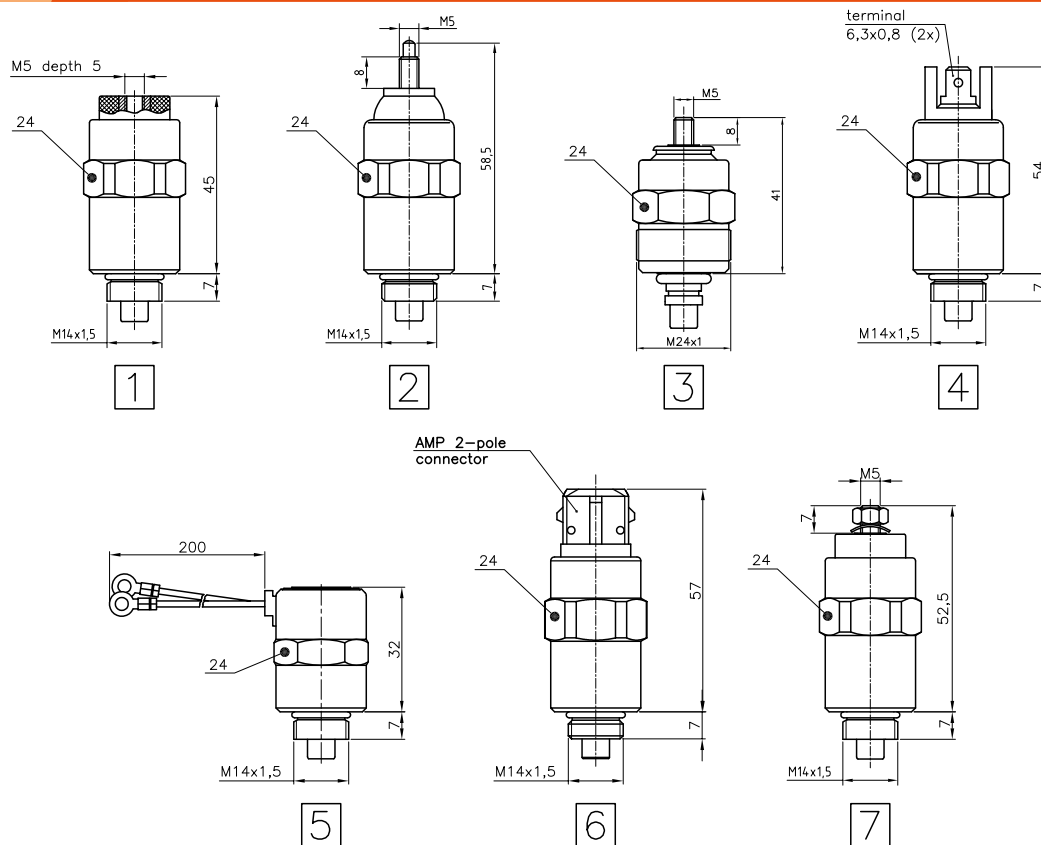
* TESNILNI OBROČ • TIGHTENING 1 - GASKET
2 - PLAN

** 1 - ENOPOLNA • SINGLE POLE
2 - DVOPOLNA • DOUBLE POLE



SHORT CODE	KODA REF. NO.	U[V]	P[W]	I/h *	R[Ω]	U _{ON} [V]	U _{OFF} [V]	REL. DOBA VKL. (%) DUTY CYCLE (%)	TYPE
H8 104	13 728 104	12	20	7	32	> 7,5 V	< 3 V	100%	1
H8 106	13 728 106	12	20	4	8	> 7,5 V	< 3 V	100%	1
H8 107	13 728 107	12	48	4	3	> 7,5 V	< 3 V	25%	1
H8 108	13 728 108	12	48	7	3	> 7,5 V	< 3 V	25%	1
H8 110	13 728 110	12	20	0,6	8	> 7,5 V	< 3 V	100%	1
H8 204	13 728 204	24	20	7	32	> 14 V	< 7 V	100%	1
H8 205	13 728 205	24	20	7	32	> 14 V	< 7 V	100%	4
H8 206	13 728 206	24	20	4	32	> 14 V	< 7 V	100%	1
H8 207	13 728 207	24	45	4	13	> 12 V	< 7 V	25%	1
H8 208	13 728 208	24	45	7	13	> 12 V	< 7 V	25%	1
H8 303	13 728 303	12	48	4	3	> 7,5 V	< 3 V	25%	2
H8 304	13 728 304	12	20	4	8	> 7,5 V	< 3 V	100%	2
H8 403	13 728 403	24	45	4	13	> 12 V	< 7 V	25%	2
H8 404	13 728 404	24	20	4	32	> 14 V	< 7 V	100%	2
H8 410	13 728 410	24	20	4	32	> 14 V	< 7 V	100%	3

* T = 20°C; p = 5kPa



SHORT CODE	KODA REF. NO.	U[V]	P[W]	R[Ω]	U _{ON} [V]	U _{OFF} [V]	REL. DOBA VKL. (%) DUTY CYCLE (%)	TYPE
H8 120	13 728 120	12	18	8.2	>6V	<4V	100%	2
H8 121	13 728 121	12	16	9.2	>6V	<4V	100%	1
H8 125	13 728 125	12	20	7.6	>6V	<4V	100%	3
H8 130	13 728 130	12	19	7.6	>6V	<4V	100%	3
H8 134	13 728 134	12	18	7.5	>6V	<4V	100%	3
H8 145	13 728 145	12	5	30	>6V	<4V	100%	5
H8 147	13 728 147	12	16	9,2	>6V	<4V	100%	2
H8 148	13 728 148	12	16	9,2	>6V	<4V	100%	7
H8 152	13 728 152	12	18	7,6	>6V	<4V	100%	3
H8 220	13 728 220	24	19	30	>12V	<7.5V	100%	3
H8 224	13 728 224	24	16	35	>12V	<7.5V	100%	1
H8 228	13 728 228	24	18	30	>12V	<7.5V	100%	3
H8 229	13 728 229	24	16	35	>12V	<7.5V	100%	2
H8 231	13 728 231	24	19	30	>12V	<7.5V	100%	3
H8 233	13 728 233	24	16	35	>12V	<7.5V	100%	7
H8 234	13 728 234	24	18	30	>12V	<7.5V	100%	3
H8 305	13 728 305	12	16	9.2	>6V	<4V	100%	4
H8 312	13 728 312	12	9	16	>7V	<4.5V	100%	6
H8 407	13 728 407	24	16	35	>12V	<7.5V	100%	4

AC	Hidria	ALFA ROMEO	Hidria	BERU	Hidria
101G	H1 739	717 340 87	H1 793	0 100 221 107	H1 004
102G	H1 810	717 354 65	H1 810	0 100 221 108	H0 614
105G	H1 658	AUDI	Hidria	0 100 221 113	H1 826
106G	H1 096	059 963 319	H1 961	0 100 221 125	H1 637
109G	H1 119	059 963 319 A	H1 961	0 100 221 132	H1 006
110G	H1 659	059 963 319 C	H1 339	0 100 221 133	H1 002
116G	H1 656	059 963 319 E	H1 339	0 100 221 135	H1 826
117G	H1 731	059 963 319 F	H1 339	0 100 221 141	H1 005
120G	H1 656	059 963 319 J	H1 339	0 100 221 144	H1 638
128G	H1 657	059 963 319 M	H1 339	0 100 221 145	H1 002
138G	H1 712	062 905 061 A	H1 201	0 100 221 146	H1 665
148G	H1 078	068 905 061	H1 657	0 100 221 147	H1 547
149G	H1 656	N 019 081 1	H1 657	0 100 221 148	H1 594
239G	H0 605	N 019 081 2	H1 657	0 100 221 149	H1 798
241G	H1 002	N 019 081 4	H1 657	0 100 221 151	H1 597
243G	H1 638	N 019 097 1	H1 657	0 100 221 152	H1 804
245G	H1 665	N 019 100 1	H1 657	0 100 221 154	H1 532
247G	H1 052	N 019 100 2	H1 657	0 100 221 155	H1 004
250G	H1 692	N 019 100 5	H1 657	0 100 221 162	H1 078
28G	H1 657	N 019 100 6	H1 657	0 100 221 163	H1 792
30G	H1 004	N 101 401 01	H1 659	0 100 221 164	H0 615
32G	H0 713	N 101 401 02	H1 659	0 100 221 167	H0 615
500 GG/93893040	H1 657	N 101 401 03	H1 659	0 100 221 168	H1 701
503 GG/93893043	H0 605	N 101 401 04	H1 659	0 100 221 170	H1 821
507 GG/93893047	H1 002	N 101 401 05	H1 659	0 100 221 186	H0 643
508 GG/93893048	H1 657	N 102 130 01	H1 657	0 100 221 206	H0 811
509 GG/93893049	H1 005	N 102 130 02	H1 657	0 100 221 209	H1 216
51 GG/93893052	H1 826	N 105 792 01	H1 121	0 100 221 210	H1 194
511 GG/93893051	H0 605	N 105 792 02	H1 121	0 100 221 304	H0 601
517 GG/93893057	H0 643	N 105 798 02	H1 993	0 100 221 311	H1 007
52 GG/93893060	H1 798	N 105 798 05	H5 122	0 100 222 101	H1 605
525 GG/93893065	H1 792	N 105 916 02	H1 127	0 100 222 103	H1 605
526 GG/93893066	H1 002	N 105 916 03	H1 127	0 100 222 104	H1 809
527 GG/93893067	H0 614	03L963319C	H1 339	0 100 222 105	H1 809
8G	H0 711	BERU	Hidria	0 100 222 301	H0 611
ALFA ROMEO	Hidria	0 100 101 308	H0 103	0 100 222 302	H0 611
46754154	H1 802	0 100 220 113	H1 574	0 100 226 004	H1 993
55200755	H1 396	0 100 220 114	H1 561	0 100 226 120	H1 568
116 61 05 358 00	H1 005	0 100 220 115	H1 568	0 100 226 124	H1 574
116 76 05 358 01	H1 005	0 100 220 118	H1 801	0 100 226 125	H1 561
460 72 00 1	H1 656	0 100 220 119	H1 078	0 100 226 129	H1 795
464 51 95 1	H1 793	0 100 220 119	H1 801	0 100 226 138	H1 195
467 54 15 4	H1 793	0 100 220 176	H1 078	0 100 226 159	H1 665
472 95 95	H0 605	0 100 220 206	H0 610	0 100 226 162	H1 078
552 08 17 7	H1 450	0 100 220 210	H0 610	0 100 226 163	H1 052
552 10 05 1	H5 025	0 100 221 101	H1 702	0 100 226 164	H1 984
605 07 12 3	H1 005	0 100 221 102	H0 605	0 100 226 170	H1 204
605 96 24 5	H1 656	0 100 221 103	H0 605	0 100 226 171	H1 797
606 17 00 2	H1 810	0 100 221 105	H1 657	0 100 226 172	H1 659
608 16 13 9	H1 793	0 100 221 106	H0 605	0 100 226 173	H1 053

BERU	Hidria	BERU	Hidria	BERU	Hidria
0 100 226 173	H1 657	0 100 226 305	H1 512	0 100 226 441	H1 826
0 100 226 175	H1 088	0 100 226 307	H1 799	0 100 226 442	H1 656
0 100 226 176	H1 078	0 100 226 311	H1 667	0 100 226 443	H1 665
0 100 226 180	H1 512	0 100 226 312	H1 918	0 100 226 444	H1 002
0 100 226 182	H1 790	0 100 226 331	H1 512	0 100 226 445	H0 605
0 100 226 183	H1 703	0 100 226 333	H1 651	0 100 226 446	H1 638
0 100 226 184	H1 824	0 100 226 336	H1 789	0 100 226 447	H1 792
0 100 226 185	H1 656	0 100 226 338	H1 961	0 100 226 448	H1 656
0 100 226 186	H1 656	0 100 226 343	H1 810	0 100 226 449	H1 078
0 100 226 188	H1 731	0 100 226 344	H1 732	0 100 226 450	H1 712
0 100 226 189	H1 086	0 100 226 345	H1 790	0 100 226 451	H1 004
0 100 226 194	H1 799	0 100 226 349	H1 919	0 100 226 452	H1 006
0 100 226 197	H1 117	0 100 226 351	H1 977	0 100 226 453	H1 656
0 100 226 198	H1 126	0 100 226 352	H1 204	0 100 226 454	H5 114
0 100 226 199	H1 458	0 100 226 353	H1 143	0 100 226 455	H1 659
0 100 226 203	H1 705	0 100 226 354	H1 808	0 100 226 456	H1 088
0 100 226 205	H1 096	0 100 226 362	H1 119	0 100 226 457	H1 087
0 100 226 206	H1 091	0 100 226 365	H1 143	0 100 226 458	H1 739
0 100 226 207	H1 692	0 100 226 366	H1 656	0 100 226 459	H1 810
0 100 226 208	H1 691	0 100 226 367	H1 096	0 100 226 460	H1 961
0 100 226 209	H0 710	0 100 226 368	H1 658	0 100 226 461	H1 143
0 100 226 210	H1 087	0 100 226 369	H1 096	0 100 226 462	H1 658
0 100 226 226	H1 052	0 100 226 370	H1 090	0 100 226 463	H1 096
0 100 226 227	H1 659	0 100 226 371	H1 731	0 100 226 464	H1 119
0 100 226 229	H1 656	0 100 226 372	H1 793	0 100 226 465	H0 643
0 100 226 231	H1 052	0 100 226 373	H1 825	0 100 226 466	H1 692
0 100 226 233	H1 666	0 100 226 375	H1 922	0 100 226 473	H1 739
0 100 226 234	H1 078	0 100 226 376	H1 054	0 100 226 474	H1 121
0 100 226 235	H1 087	0 100 226 379	H1 739	0 100 226 475	H1 919
0 100 226 237	H1 098	0 100 226 381	H1 096	0 100 226 477	H1 810
0 100 226 238	H1 089	0 100 226 384	H1 794	0 100 226 480	H1 144
0 100 226 241	H1 738	0 100 226 385	H1 705	0 100 226 481	H1 454
0 100 226 242	H1 711	0 100 226 391	H1 842	0 100 226 482	H1 121
0 100 226 243	H1 667	0 100 226 392	H1 658	0 100 226 489	H1 112
0 100 226 245	H1 709	0 100 226 394	H1 203	0 100 226 492	H1 992
0 100 226 246	H1 693	0 100 226 395	H1 739	0 100 226 493	H1 124
0 100 226 248	H1 096	0 100 226 396	H1 119	0 100 226 494	H1 207
0 100 226 249	H1 712	0 100 226 397	H1 961	0 100 226 495	H1 920
0 100 226 250	H1 738	0 100 226 417	H1 112	0 100 226 496	H1 124
0 100 226 251	H1 078	0 100 226 418	H1 078	0 100 226 497	H1 860
0 100 226 254	H1 656	0 100 226 419	H1 739	0 100 226 504	H1 825
0 100 226 255	H1 120	0 100 226 422	H1 955	0 100 226 505	H1 203
0 100 226 256	H1 961	0 100 226 432	H1 117	0 100 226 508	H1 860
0 100 226 258	H1 088	0 100 226 434	H5 094	0 100 226 510	H1 977
0 100 226 260	H1 739	0 100 226 435	H1 201	0 100 226 511	H1 211
0 100 226 284	H1 200	0 100 226 436	H1 802	0 100 226 513	H1 210
0 100 226 299	H1 159	0 100 226 437	H1 144	0 100 226 514	H1 209
0 100 226 300	H1 090	0 100 226 438	H1 002	0 100 226 517	H1 124
0 100 226 301	H1 794	0 100 226 439	H1 052	0 100 226 519	H1 825
0 100 226 302	H1 391	0 100 226 440	H1 657	0 100 226 520	H1 125

BERU	Hidria	BERU	Hidria	BERU	Hidria
0 100 226 522	H1 208	0 100 266 042	H1 397	0 101 233 418	H0 506
0 100 226 525	H1 192	0 100 266 045	H1 122	0 101 234 504	H0 568
0 100 226 526	H1 215	0 100 266 059	H5 092	0 101 234 513	H0 567
0 100 226 527	H1 145	0 100 266 071	H5 015	0 102 024 405	H0 211
0 100 226 538	H1 430	0 100 266 419	H1 739	0 102 024 602	H0 210
0 100 226 568	H1 449	0 100 271 101	H0 713	0 102 123 202	H0 207
0 100 226 569	H1 412	0 100 271 102	H0 711	0 102 123 203	H0 207
0 100 226 570	H1 446	0 100 271 103	H0 713	0 102 123 204	H0 207
0 100 226 577	H1 469	0 100 271 202	H1 206	0 102 124 402	H0 209
0 100 226 637	H1 860	0 100 271 203	H1 206	0 102 124 404	H0 209
0 100 226 639	H5 020	0 100 271 204	H1 199	0 102 124 415	H0 209
0 100 230 101	H5 099	0 100 271 205	H1 206	0 102 133 204	H0 208
0 100 230 102	H1 577	0 100 276 002	H1 944	0 102 173 212	H0 205
0 100 230 103	H1 577	0 100 276 003	H1 815	0 110 201 006	H2 403
0 100 230 106	H1 205	0 100 276 004	H1 737	0 110 202 002	H2 404
0 100 230 107	H1 205	0 100 276 005	H1 944	0 110 210 001	H2 402
0 100 231 101	H5 098	0 100 276 006	H1 944	0 110 211 002	H2 401
0 100 231 104	H1 796	0 100 276 007	H1 859	0 110 211 003	H2 406
0 100 231 107	H1 213	0 100 276 008	H1 859	0 210 123 107	H8 205
0 100 231 109	H1 214	0 100 276 009	H1 123	0 210 142 101	H8 107
0 100 231 110	H1 426	0 100 276 010	H1 816	0 210 142 115	H8 106
0 100 231 114	H1 755	0 100 276 012	H1 166	0 210 143 101	H8 207
0 100 231 115	H1 213	0 100 276 013	H1 944	0 210 143 113	H8 207
0 100 231 119	H1 652	0 100 276 014	H1 123	0 210 143 116	H8 206
0 100 231 120	H5 100	0 100 276 015	H1 816	0 210 243 103	H8 403
0 100 231 122	H1 796	0 100 276 017	H1 815	0 210 243 124	H8 410
0 100 231 133	H5 110	0 100 276 024	H1 193	106 MJ	H1 216
0 100 231 155	H1 213	0 100 276 031	H1 450	107 MJ	H0 611
0 100 266 001	H1 127	0 100 276 035	H1 815	107 M	H0 611
0 100 266 002	H1 118	0 100 281 301	H1 962	108 MJ	H0 611
0 100 266 003	H1 138	0 100 800 029	H1 922	112 M	H1 702
0 100 266 004	H1 993	0 100 800 030	H1 808	128 MJ	H1 962
0 100 266 006	H1 217	0 100 800 031	H1 212	130 MJ	H1 194
0 100 266 007	H1 122	0 100 800 033	H1 418	137 MJ	H0 610
0 100 266 008	H1 127	0 100 800 035	H1 432	151MJ	H0 605
0 100 266 009	H1 993	0 100 800 036	H5 021	155 MJ	H0 811
0 100 266 010	H1 139	0 100 800 037	H5 101	161 MJ	H0 605
0 100 266 011	H1 122	0 100 800 038	H1 455	171 MJ	H0 611
0 100 266 014	H1 339	0 100 800 041	H5 095	348 GK	H0 103
0 100 266 016	H1 339	0 100 800 045	H5 019	400 G	H0 209
0 100 266 018	H1 217	0 101 022 406	H0 430	408 GS	H0 207
0 100 266 019	H1 395	0 101 072 603	H0 312	511 G	H0 511
0 100 266 020	H1 339	0 101 223 401	H0 503	601 MJ	H1 657
0 100 266 024	H1 396	0 101 223 449	H0 903	602 MJ	H0 605
0 100 266 031	H5 025	0 101 223 454	H0 584	603 MJ	H1 004
0 100 266 032	H1 392	0 101 223 459	H0 537	604 MJ	H0 614
0 100 266 033	H1 393	0 101 223 461	H0 569	609 MJ	H1 656
0 100 266 034	H1 396	0 101 223 486	H0 533	613 MJ	H1 002
0 100 266 037	H5 093	0 101 233 401	H0 504	624 MJ	H1 637
0 100 266 040	H1 339	0 101 233 413	H0 502	626 MJ	H1 007

BERU	Hidria	BERU	Hidria	BERU	Hidria
630 G	H0 502	928 MJ	H1 458	GE 127	H5 240
631 MJ	H1 006	944 MJ	H1 091	GE 131	H1 369
633 MJ	H1 656	945 MJ	H0 710	GE 134	H1 408
636 MJ	H1 002	946 MJ	H1 692	GF 006	H0 569
639 GS	H0 205	947 MJ	H1 691	GF 111	H0 591
642 MJ	H1 826	948 MJ	H1 087	GF 167	H0 504
657 MJ	H1 005	950 MJ	H1 659	GF 169	H0 503
661 MJ	H1 638	954 MJ	H1 656	GF 630	H0 502
663 MJ	H1 002	955 MJ	H1 666	GF 667	H0 568
666 MJ	H1 665	959 MJ	H1 098	GF 671	H0 590
673 MJ	H1 547	961 MJ	H1 738	GF 683	H0 584
678 MJ	H1 594	963 MJ	H1 709	GF 699	H0 506
683 G	H0 584	964 MJ	H1 693	GF 700	H0 561
688 MJ	H1 597	968 MJ	H1 667	GF 817	H0 567
689 MJ	H0 607	970 MJ	H1 712	GF 972	H0 572
699 G	H0 506	991 MJ	H1 159	GF 974	H0 537
700 G	H0 561	992 MJ	H0 090	GF 976	H0 594
705 MJ	H1 532	993 MJ	H1 656	GF 977	H0 592
719 MJ	H1 792	999 MJ	H1 089	GF 978	H0 578
727 MJ	H0 615	CGP 003	H5 122	GF 980	H0 593
742 G	H0 537	CGP002	H5 199	GF 984	H0 903
749 MJ	H0 643	GD 348	H0 103	GH 185	H0 210
754 G	H0 533	GD 382	H0 103	GH 400	H0 209
760 G	H0 211	GE 100	H1 127	GH 408	H0 207
783 MJ	H1 795	GE 101	H1 993	GH 760	H0 211
823 MJ	H0 713	GE 102	H1 118	GH 846	H0 208
835 MJ	H0 711	GE 103	H1 138	GH 847	H0 205
846 G	H0 208	GE 104	H1 139	GN 001	H1 651
852 MJ	H1 052	GE 105	H1 122	GN 002	H1 652
853 MJ	H1 204	GE 106	H1 217	GN 003	H1 739
855 MJ	H1 659	GE 108	H1 339	GN 005	H1 789
857 MJ	H1 053	GE 109	H5 092	GN 007	H1 810
857 MJ	H1 657	GE 110	H1 392	GN 008	H1 961
858 MJ	H1 078	GE 111	H1 393	GN 010	H1 143
860 MJ	H1 088	GE 112	H5 025	GN 012	H1 808
884 MJ	H1 984	GE 113	H1 395	GN 013	H1 086
886 MJ	H1 512	GE 114	H1 396	GN 015	H1 658
888 MJ	H1 574	GE 115	H1 339	GN 016	H1 731
889 MJ	H1 561	GE 116	H1 397	GN 017	H1 793
892 MJ	H1 568	GE 117	H5 016	GN 018	H1 825
894 MJ	H1 605	GE 118	H5 093	GN 019	H1 922
895 MJ	H1 213	GE 119	H5 193	GN 020	H1 054
898 MJ	H1 703	GE 120	H5 194	GN 022	H1 096
905 MJ	H1 824	GE 121	H1 368	GN 023	H1 454
908 MJ	H1 656	GE 121A	H1 368	GN 024	H1 119
909 MJ	H1 656	GE 122	H5 015	GN 025	H1 090
912 MJ	H5 114	GE 123	H5 018	GN 026	H1 977
917 MJ	H1 086	GE 124	H5 017	GN 027	H1 732
922 MJ	H1 214	GE 125	H5 191	GN 028	H1 921
927 MJ	H1 126	GE 126	H5 192	GN 030	H1 842

BERU	Hidria	BERU	Hidria	BERU	Hidria
GN 032	H1 203	GN 106	H1 192	GV 108	H0 611
GN 033	H1 112	GN 107	H1 211	GV 112	H1 702
GN 035	H1 955	GN 108	H1 430	GV 128	H1 962
GN 036	H1 199	GN 109	H1 212	GV 130	H1 194
GN 037	H1 815	GN 110	H1 449	GV 137	H0 610
GN 039	H1 204	GN 121	H5 247	GV 151	H0 605
GN 040	H5 094	GN 123	H1 444	GV 153	H5 098
GN 041	H1 802	GN 749	H0 643	GV 155	H0 811
GN 042	H1 144	GN 853	H1 204	GV 197	H0 601
GN 043	H1 919	GN 854	H1 797	GV 390	H0 637
GN 044	H1 205	GN 855	H1 659	GV 602	H0 605
GN 045	H1 944	GN 857	H1 053	GV 603	H1 004
GN 046	H1 121	GN 857	H1 657	GV 604	H0 614
GN 047	H1 737	GN 858	H1 078	GV 624	H1 656
GN 049	H1 206	GN 860	H1 088	GV 626	H1 007
GN 050	H1 201	GN 895	H1 213	GV 631	H1 006
GN 053	H1 859	GN 905	H1 824	GV 636	H1 002
GN 054	H1 992	GN 908	H1 656	GV 642	H1 826
GN 055	H1 207	GN 909	H1 656	GV 657	H1 005
GN 056	H1 166	GN 912	H5 114	GV 661	H1 638
GN 057	H1 105	GN 917	H1 086	GV 663	H1 002
GN 058	H1 123	GN 918	H1 825	GV 666	H1 665
GN 059	H1 816	GN 925	H1 117	GV 673	H1 547
GN 060	H1 124	GN 926	H1 426	GV 678	H1 594
GN 061	H1 125	GN 927	H1 126	GV 685	H1 798
GN 062	H1 208	GN 928	H1 458	GV 688	H1 597
GN 063	H1 193	GN 939	H1 705	GV 689	H1 804
GN 064	H1 215	GN 944	H1 091	GV 705	H1 532
GN 065	H1 145	GN 948	H1 087	GV 719	H1 792
GN 066	H5 110	GN 954	H1 656	GV 727	H0 615
GN 067	H1 412	GN 955	H1 666	GV 728	H1 701
GN 068	H1 446	GN 959	H1 098	GV 730	H1 821
GN 069	H1 450	GN 960	H5 179	GV 736	H5 100
GN 070	H1 418	GN 961	H1 738	GV 749	H0 643
GN 072	H1 432	GN 963	H1 709	GV 783	H1 795
GN 073	H5 021	GN 964	H1 693	GV 819	H1 195
GN 074	H5 101	GN 966	H1 671	GV 823	H0 713
GN 075	H1 455	GN 970	H1 712	GV 835	H0 711
GN 076	H5 109	GN 985	H1 120	GV 844	H1 984
GN 077	H5 103	GN 989	H1 200	GV 852	H1 052
GN 078	H5 095	GN 991	H1 159	GV 880	H1 796
GN 080	H5 104	GN 992	H1 090	GV 886	H1 512
GN 081	H5 102	GN 993	H1 794	GV 887	H5 099
GN 082	H5 019	GN 994	H1 391	GV 888	H1 574
GN 095	H1 469	GN 997	H1 918	GV 889	H1 561
GN 097	H5 020	GN 999	H1 089	GV 890	H1 577
GN 101	H1 209	GV 001	H1 809	GV 892	H1 568
GN 102	H1 210	GV 105	H0 605	GV 894	H1 605
GN 103	H1 920	GV 106	H1 216	GV 895	H1 213
GN 104	H1 860	GV 107	H0 611	GV 897	H1 790

BERU	Hidria	BOSCH	Hidria	BOSCH	Hidria
GV 898	H1 703	0 250 200 020	H0 611	0 250 201 027	H1 792
GV 917	H1 656	0 250 200 021	H0 601	0 250 201 029	H1 052
GV 920	H1 801	0 250 200 022	H0 637	0 250 201 030	H1 002
GV 921	H1 799	0 250 200 032	H0 610	0 250 201 031	H1 984
GV 922	H1 214	0 250 200 034	H1 702	0 250 201 032	H1 657
GV 945	H0 710	0 250 200 035	H1 702	0 250 201 033	H1 656
GV 946	H1 692	0 250 200 037	H0 811	0 250 201 034	H1 005
GV 947	H1 691	0 250 200 046	H1 216	0 250 201 035	H1 088
GV 967	H1 711	0 250 200 048	H1 194	0 250 201 036	H1 458
GV 968	H1 667	0 250 200 051	H0 610	0 250 201 037	H1 656
GV 969	H1 755	0 250 200 052	H0 607	0 250 201 038	H1 087
MV 111	H8 404	0 250 200 053	H1 005	0 250 201 039	H1 656
MV 115	H8 106	0 250 200 054	H0 605	0 250 201 040	H1 657
MV 116	H8 206	0 250 200 055	H0 611	0 250 201 041	H1 078
BMW	Hidria	0 250 200 056	H0 605	0 250 201 042	H1 086
12 12 1 286 059	H1 002	0 250 200 057	H1 002	0 250 201 043	H1 656
12 12 1 288 161	H1 002	0 250 200 058	H1 006	0 250 201 044	H1 007
12 12 1 288 245	H1 643	0 250 200 059	H0 605	0 250 201 045	H1 656
12 23 0 035 934	H5 210	0 250 200 059	H1 826	0 250 201 046	H1 657
12 23 2 240 255	H1 002	0 250 200 060	H0 605	0 250 201 047	H1 078
12 23 2 241 387	H1 792	0 250 200 061	H1 002	0 250 201 048	H1 078
12 23 2 241 388	H1 792	0 250 200 063	H1 657	0 250 201 049	H1 096
12 23 2 241 389	H1 792	0 250 200 064	H5 098	0 250 201 050	H1 984
12 23 2 248 059	H1 119	0 250 200 065	H0 605	0 250 201 050	H1 098
12 23 2 248 422	H1 090	0 250 200 066	H1 006	0 250 201 053	H1 842
12 23 7 786 869	H1 118	0 250 200 068	H0 605	0 250 201 054	H1 087
12 23 7 788 957	H1 138	0 250 200 069	H1 642	0 250 201 055	H1 078
12 23 7 791 101	H1 144	0 250 200 420	H0 611	0 250 201 405	H1 002
12 23 7 798 001	H5 093	0 250 200 451	H0 610	0 250 201 415	H1 657
12 23 7 803 368	H5 210	0 250 200 454	H0 605	0 250 201 469	H0 615
12 23 9 061 353	H1 002	0 250 200 456	H0 605	0 250 201 927	H1 002
12 23 9 061 354	H1 792	0 250 200 465	H0 605	0 250 201 929	H1 826
77 86 869	H1 118	0 250 200 468	H0 605	0 250 201 930	H1 657
77 88 957	H1 138	0 250 200 469	H1 826	0 250 201 932	H1 004
BOMAG	Hidria	0 250 201 001	H1 004	0 250 201 934	H1 006
057 199 03	H0 611	0 250 201 004	H1 657	0 250 201 935	H1 052
057 199 05	H0 504	0 250 201 005	H1 002	0 250 201 936	H1 656
BOSCH	Hidria	0 250 201 006	H1 826	0 250 201 937	H1 792
0 250 001 008	H0 103	0 250 201 008	H1 002	0 250 201 937	H1 656
0 250 001 012	H0 103	0 250 201 009	H1 002	0 250 201 938	H1 984
0 250 001 016	H0 103	0 250 201 010	H1 007	0 250 201 940	H1 078
0 250 001 782	H1 992	0 250 201 011	H1 657	0 250 202 001	H1 126
0 250 004 003	H0 209	0 250 201 012	H1 005	0 250 202 002	H1 821
0 250 101 537	H1 731	0 250 201 013	H1 637	0 250 202 003	H1 547
0 250 102 002	H0 211	0 250 201 015	H1 003	0 250 202 004	H1 594
0 250 102 003	H0 211	0 250 201 017	H1 006	0 250 202 005	H1 798
0 250 200 006	H1 962	0 250 201 019	H1 002	0 250 202 006	H1 597
0 250 200 008	H0 611	0 250 201 021	H1 003	0 250 202 007	H1 532
0 250 200 010	H0 208	0 250 201 022	H1 659	0 250 202 008	H0 643
0 250 200 014	H0 611	0 250 201 026	H1 078	0 250 202 009	H1 659

BOSCH	Hidria	BOSCH	Hidria	BOSCH	Hidria
0 250 202 010	H1 804	0 250 202 089	H1 789	0 250 312 003	H1 920
0 250 202 011	H1 806	0 250 202 092	H1 211	0 250 312 007	H1 211
0 250 202 013	H1 574	0 250 202 093	H1 797	0 250 402 001	H1 127
0 250 202 014	H1 561	0 250 202 094	H1 799	0 250 402 002	H1 118
0 250 202 017	H1 568	0 250 202 095	H1 919	0 250 402 003	H1 398
0 250 202 018	H1 665	0 250 202 096	H1 667	0 250 402 005	H1 127
0 250 202 020	H1 731	0 250 202 102	H1 961	0 250 403 001	H5 018
0 250 202 021	H1 159	0 250 202 103	H1 119	0 250 403 002	H1 993
0 250 202 022	H1 659	0 250 202 105	H5 101	0 250 403 004	H1 408
0 250 202 023	H1 121	0 250 202 107	H1 796	0 250 403 005	H1 396
0 250 202 024	H1 159	0 250 202 124	H1 418	0 250 403 006	H1 122
0 250 202 025	H1 824	0 250 202 125	H1 145	0 250 403 007	H1 339
0 250 202 026	H1 738	0 250 202 126	H1 197	0 250 403 008	H1 122
0 250 202 027	H1 091	0 250 202 128	H1 977	0 250 403 009	H1 339
0 250 202 028	H1 793	0 250 202 129	H1 922	0 250 403 010	H5 191
0 250 202 029	H1 739	0 250 202 130	H1 705	0 250 403 011	H1 396
0 250 202 032	H1 732	0 250 202 131	H1 794	0 250 403 012	H1 392
0 250 202 033	H1 126	0 250 202 132	H5 020	0 250 403 013	H1 393
0 250 202 034	H1 712	0 250 202 135	H1 992	0 250 403 014	H5 025
0 250 202 035	H1 709	0 250 202 137	H1 860	0 250 403 019	H5 240
0 250 202 036	H1 802	0 250 202 140	H1 738	0 250 403 021	H5 017
0 250 202 038	H1 207	0 250 202 141	H1 739	0 250 404 001	H1 368
0 250 202 039	H1 739	0 250 202 142	H1 739	0 250 404 002	H1 369
0 250 202 040	H1 795	0 250 202 143	H1 120	0 250 503 003	H5 021
0 250 202 041	H1 143	0 250 202 145	H1 144	0 250 523 002	H1 430
0 250 202 042	H1 090	0 250 202 146	H1 212	0 250 523 004	H5 247
0 250 202 043	H1 112	0 250 202 251	H0 711	0 250 603 001	H5 126
0 250 202 045	H1 739	0 250 202 254	H0 713	0 250 603 005	H5 150
0 250 202 046	H1 121	0 250 203 001	H1 816	0 250 603 006	H5 210
0 250 202 048	H1 992	0 250 203 002	H1 859	0 250 603 008	H5 213
0 250 202 051	H1 512	0 250 203 003	H1 859	0 251 103 007	H2 401
0 250 202 052	H1 711	0 250 203 004	H1 944	0 251 103 008	H2 404
0 250 202 053	H1 667	0 250 203 009	H1 815	0 251 103 011	H2 402
0 250 202 054	H1 605	0 250 203 011	H5 092	0 251 103 012	H2 403
0 250 202 058	H1 790	0 250 203 012	H1 193	0 251 103 013	H2 406
0 250 202 059	H1 798	0 250 203 013	H1 123	0 251 103 014	H2 408
0 250 202 060	H1 799	0 250 203 016	H1 215	0 251 103 023	H2 407
0 250 202 062	H1 574	0 250 203 018	H5 015	0 257 200 003	H0 591
0 250 202 064	H1 205	0 250 204 001	H1 737	0 257 201 001	H0 502
0 250 202 065	H1 125	0 250 204 002	H1 166	0 257 201 004	H0 591
0 250 202 066	H1 597	0 250 204 002	H1 166	0 257 201 006	H0 591
0 250 202 069	H1 577	0 250 212 006	H1 955	0 257 201 008	H0 591
0 250 202 071	H5 099	0 250 212 009	H1 825	0 257 201 401	H0 591
0 250 202 073	H1 809	0 250 212 011	H1 208	0 257 202 001	H0 504
0 250 202 076	H1 213	0 250 212 013	H1 119	0 257 202 004	H0 584
0 250 202 077	H1 801	0 250 212 014	H1 658	0 257 203 001	H0 591
0 250 202 079	H1 919	0 250 213 006	H1 105	0 257 203 002	H0 591
0 250 202 085	H1 692	0 250 251 471	H1 712	0 257 204 002	H0 584
0 250 202 086	H0 710	0 250 312 001	H1 209	0 257 204 003	H0 537
0 250 202 087	H1 691	0 250 312 002	H1 210	0 257 210 001	H0 568

BOSCH	Hidria	BOSCH (USA)	Hidria	CHAMPION	Hidria
0 330 001 015	H8 125	80042	H1 217	CH 171	H1 659
0 330 001 016	H8 220	80043	H1 206	CH 172	H1 089
0 330 001 018	H8 125	80044	H5 092	CH 173	H1 052
0 986 257 007	H0 205	CHAMPION	Hidria	CH 174	H1 656
0 986 257 008	H0 207	CH 32	H1 702	CH 175	H1 088
0 986 257 015	H0 208	CH 60	H0 607	CH 176	H1 078
F 01G 004 031	H1 444	CH 62	H1 005	CH 177	H1 087
F 005 X04 828	H1 125	CH 63	H0 605	CH 178	H1 795
F 005 X04 868	H1 209	CH 65	H0 611	CH 180	H1 207
F 005 X04 869	H1 210	CH 66	H0 610	CH 181	H1 121
GSA 10/1	H0 611	CH 68	H1 002	CH 184	H1 659
GSA 11/29	H1 702	CH 69	H1 657	CH 185	H1 731
GSA 9/1	H0 611	CH 70	H1 005	CH 186	H1 391
GSA 9/10	H0 601	CH 78	H0 605	CH 189	H1 656
KE/GE 1/1	H0 811	CH 79	H1 006	CH 190	H1 091
KE/GSA 10/1J	H0 611	CH 87	H0 605	CH 196	H1 794
KE/GSA 24/5	H1 962	CH 88	H0 615	CH 201	H1 166
GLP066	H5 020	CH 90	H1 821	CH 203	H1 119
GLP109	H1 207	CH 94	H1 547	CH 204	H1 738
GLP144	H5 018	CH 95	H1 512	CH 205	H1 096
GLP196	H1 396	CH 96	H1 003	CH 206	H1 159
BOSCH (USA)	Hidria	CH 97	H1 532	CH 207	H1 090
80002	H0 103	CH 98	H1 798	CH 208	H1 693
80003	H0 103	CH 99	H1 798	CH 209	H1 842
80004	H0 611	CH 101	H1 703	CH 215	H1 961
80005	H0 611	CH 102	H1 561	CH 216	H5 159
80006	H1 004	CH 103	H1 597	CH 217	H1 709
80007	H1 002	CH 104	H1 213	CH 218	H1 739
80008	H1 656	CH 105	H1 804	CH 219	H1 143
80009	H1 078	CH 110	H0 643	CH 221	H1 799
80010	H1 657	CH 121	H1 594	CH 222	H1 802
80011	H1 088	CH 132	H1 605	CH 223	H1 859
80012	H1 659	CH 135	H1 806	CH 224	H1 816
80013	H1 087	CH 137	H0 615	CH 226	H1 955
80014	H1 798	CH 147	H1 656	CH 229	H1 705
80015	H1 532	CH 154	H1 667	CH 230	H1 212
80016	H0 643	CH 155	H1 637	CH 231	H1 112
80017	H1 574	CH 156	H1 078	CH 232	H1 977
80018	H1 512	CH 157	H1 692	CH 233	H1 922
80019	H1 605	CH 158	H1 691	CH 234	H1 105
80024	H0 711	CH 159	H1 656	CH 240	H1 944
80027	H0 713	CH 160	H1 657	CH 242	H1 789
80028	H1 458	CH 161	H1 575	CH 252	H1 144
80031	H1 078	CH 162	H1 799	CH 256	H1 211
80033	H1 195	CH 163	H1 656	CH 258	H1 145
80034	H1 197	CH 166	H1 793	CH 260	H1 089
80036	H1 129	CH 167	H1 712	CH 263	H1 418
80037	H1 199	CH 168	H1 731	CH 268	H1 992
80038	H1 198	CH 169	H1 824	CH 269	H5 020
80039	H1 121	CH 170	H1 732	CH 270	H1 815

CHAMPION	Hidria	CITROËN	Hidria	CITROËN	Hidria
CH 271	H1 825	5960 E7	H5 150	5962 T7	H1 656
CH 272	H1 120	5960 F4	H1 992	5962 W2	H5 114
CH 306	H1 807	5960 G2	H1 705	5962 W8	H1 002
CH 600	H1 700	5960 G6	H1 193	5962 X1	H1 826
CH 601	H1 920	5960 G7	H1 086	5962 X1	H1 656
CH 602	H1 211	5960 K4	H1 815	5963 1Q	H1 693
CH 603	H1 860	5960 K5	H1 808	75 492 325	H1 194
CH 607	H1 412	5960 K6	H1 368	9 633 214 380	H1 086
CH 608	H1 449	5960 L1	H1 369	90 041 002 80	H1 638
CH 700	H1 127	5960 L4	H5 025	91 536 646	H1 002
CH 701	H1 118	5961 05	H0 611	91 538 910 99	H1 638
CH 705	H1 339	5961 18	H0 811	95 493 206	H1 826
CH 709	H1 123	5961 22	H0 611	95 493 206	H1 656
XCH 512	H1 821	5961 54	H1 826	95 534 788	H1 826
CHEVROLET	Hidria	5962 008	H1 002	95 534 788	H1 656
55567737	H5 016	5962 1P	H1 693	96 009 783	H1 656
89 417 515 81	H1 125	5962 1Q	H1 693	96 070 388 80	H1 638
CHRYSLER	Hidria	5962 1R	H1 004	96 076 258	H1 638
0 506 6840 AA	H1 207	5962 1S	H1 006	96 076 258	H1 656
68000913AA	H1 993	5962 1T	H1 826	96 141 678	H1 656
68029497AA	H1 408	5962 1T	H1 002	96 165 724	H1 656
T 0701 130	H1 656	5962 1V	H1 002	96 236 383	H1 732
0517 5756 AA	H1 122	5962 1W	H1 665	96 316 586 80	H1 731
71775530	H1 122	5962 1X	H1 984	96 316 589 80	H5 114
4720600	H1 656	5962 1Y	H1 052	96 332 143 80	H1 086
CITROËN	Hidria	5962 1Z	H1 053	96 374 699 80	H1 737
9637469980	H1 737	5962 1Z	H1 657	96 389 858	H1 732
5 414 326	H1 194	5962 2Z	H5 114	96 831 952 80	H1 368
5 415 813	H0 611	5962 3C	H1 732	96 865 043 80	H1 368
5 460 556	H1 194	5962 3E	H1 732	96 879 578 80	H1 369
5 477 234	H1 194	5962 3H	H1 086	E161001	H1 053
59060.A0	H1 193	5962 3J	H1 086	HG 2621	H0 611
5 491 387	H1 194	5962 58	H1 656	MKP 000 65	H1 656
5 500 842	H1 194	5962 5A	H1 808	MKP 000 65	H1 826
5 962 58	H1 656	5962 7F	H1 732	MKP 000 70	H0 103
5960 19	H1 737	5962 7G	H1 732	MKP 000 71	H1 053
5960 64	H1 992	5962 7Z	H1 984	MKP 000 71	H1 657
5960 65	H1 992	5962 C7	H0 611	MKP 000 71	H1 053
5960 66	H1 732	5962 J3	H1 656	5960 F5	H1 732
5960 67	H1 732	5962 J4	H1 826	5960 F8	H1 944
5960 69	H1 731	5962 J4	H1 656	5960 F9	H1 166
5960 72	H1 808	5962 J7	H1 053	DACIA	Hidria
5960 77	H1 944	5962 J7	H1 657	82 00 490 950	H1 825
5960 78	H1 166	5962 J7	H1 053	82 00 682 592	H1 392
5960 79	H1 166	5962 R8	H1 656	82 00 794 920	H1 393
5960 88	H1 705	5962 S8	H1 656	DAF	Hidria
5960 89	H1 705	5962 T1	H1 052	105977	H1 004
5960 99	H1 193	5962 T1	H1 656	192618	H1 656
5960 A4	H1 815	5962 T2	H1 984	1353958	H1 656
5960 E6	H1 368	5962 T3	H0 643		

DAIHATSU	Hidria	DELPHI	Hidria	DELPHI	Hidria
19850-54030-000	H1 597	HDS337	H1 006	HDS404	H1 944
19850-54050-000	H1 605	HDS338	H0 710	HDS405	H1 860
19850-54071-000	H1 512	HDS339	H1 638	HDS406	H1 992
19850-54090-000	H1 667	HDS340	H1 205	HDS407	H1 120
19850-58030-000	H1 594	HDS342	H1 659	HDS408	H1 207
19850-64010-000	H1 512	HDS342	H1 825	HDS409	H1 816
19850-64020-000	H1 711	HDS343	H1 089	HDS410	H1 144
19850-68010-000	H1 790	HDS345	H1 692	HDS411	H1 412
19850-68030-000	H1 594	HDS346	H1 691	HDS412	H1 701
19850-68060-000	H1 213	HDS347	H1 052	HDS413	H1 127
19850-87309-000	H1 594	HDS348	H1 656	HDS414	H1 993
19850-87701-000	H1 512	HDS350	H1 731	HDS415	H1 118
19850-87702-000	H1 711	HDS352	H1 078	HDS416	H1 166
DELPHI	Hidria	HDS353	H1 086	HDS417	H1 215
HDS216	H1 656	HDS354	H1 087	HDS418	H5 020
HDS218	H1 006	HDS355	H1 824	HDS419	H1 815
HDS218	H1 656	HDS360	H1 090	HDS420	H1 105
HDS220	H0 610	HDS361	H1 121	HDS421	H1 124
HDS221	H0 605	HDS362	H1 096	HDS423	H1 123
HDS225	H0 611	HDS364	H1 793	HDS424	H1 859
HDS231	H1 574	HDS363	H1 088	HDS427	H1 208
HDS232	H1 547	HDS365	H1 693	HDS427	H5 019
HDS233	H1 512	HDS366	H1 159	HDS429	H1 430
HDS235	H1 605	HDS367	H1 732	HDS432	H1 339
HDS239	H1 561	HDS369	H1 731	HDS433	H1 212
HDS240	H1 577	HDS372	H1 119	HDS440	H1 201
HDS241	H1 532	HDS373	H1 738	HDS446	H1 392
HDS242	H1 213	HDS374	H1 961	HDS447	H1 393
HDS245	H1 594	HDS375	H1 808	HDS448	H1 394
HDS246	H5 099	HDS376	H1 709	HDS449	H1 396
HDS254	H1 804	HDS377	H1 739	HDS451	H5 093
HDS255	H1 656	HDS378	H1 143	HDS816	H1 432
HDS258	H1 804	HDS379	H1 794	DENSO	Hidria
HDS262	H1 667	HDS382	H1 802	096030-0070	H8 134
HDS267	H1 005	HDS383	H1 705	096030-0170	H8 228
HDS268	H1 790	HDS384	H1 112	067100-1170	H1 594
HDS270	H1 703	HDS385	H1 922	067100-1171	H1 594
HDS273	H1 126	HDS386	H1 091	067100-1350	H1 594
HDS275	H1 919	HDS387	H1 658	067100-1370	H1 605
HDS276	H1 799	HDS390	H1 918	067100-1430	H1 512
HDS280	H1 568	HDS391	H1 211	067100-1460	H1 213
HDS283	H1 801	HDS393	H1 145	067100-1530	H1 512
HDS295	H0 002	HDS394	H1 789	067100-1690	H1 711
HDS302	H0 643	HDS396	H1 977	067100-1710	H1 667
HDS303	H1 795	HDS397	H1 955	DG-001	H1 086
HDS305	H0 711	HDS398	H1 200	DG-002	H1 657
HDS307	H0 713	HDS399	H1 737	DG-003	H1 731
HDS308	H1 197	HDS401	H1 700	DG-004	H1 126
HDS310	H1 195	HDS402	H1 920	DG-005	H1 659
HDS316	H0 103	HDS403	H1 667	DG-005	H1 825

DELPHI	Hidria	DENSO	Hidria	DODGE	Hidria
DG-006	H1 052	DG-186	H1 918	68000913AA	H1 993
DG-007	H1 096	DG-188	H1 124	68029497AA	H1 408
DG-008	H1 709	DG-189	H1 105	EBERSPÄCHER	Hidria
DG-009	H1 919	DG-190	H1 993	100	H1 207
DG-010	H1 078	DG-193	H1 339	25 1384 01 00 02	H0 207
DG-012	H1 089	DG-194	H1 122	25 1384 01 00 10	H0 207
DG-101	H1 824	DG-195	H1 815	FAUN	Hidria
DG-102	H1 712	DG-196	H5 020	17 14-052	H0 504
DG-104	H1 691	DG-197	H1 212	11 14-061	H0 637
DG-105	H1 547	DG-198	H1 799	FENDT	Hidria
DG-106	H1 087	DG-202	H1 005	X 830 030 126	H0 537
DG-107	H1 659	DG-211	H1 667	FIAT	Hidria
DG-109	H1 121	DG-214	H1 919	4393814	H0 605
DG-111	H1 808	DG-215	H1 605	4474413	H1 826
DG-112	H1 922	DG-216	H1 711	4714294	H0 605
DG-113	H1 737	DG-223	H1 512	4729585	H0 605
DG-114	H1 532	DG-240	H1 144	4754011	H0 605
DG-115	H1 795	DG-245	H1 145	4774412	H0 605
DG-116	H1 732	DG-300	H1 920	4774413	H1 826
DG-117	H1 739	DG-302	H1 860	4776085	H0 584
DG-118	H1 090	DG-305	H1 449	4781356	H1 656
DG-119	H1 088	DG-306	H1 412	4832279	H0 584
DG-121	H1 794	DG-502	H1 215	4849406	H0 615
DG-122	H1 802	DG-600	H1 430	4849601	H0 537
DG-126	H1 977	DG-602	H1 208	5415813	H0 611
DG-129	H1 842	DG-601	H5 021	5493206	H0 605
DG-130	H1 705	DG-603	H1 368	5500842	H1 194
DG-132	H1 821	DG-604	H5 191	5950464	H0 605
DG-133	H1 091	DG-605	H1 432	5951861	H0 605
DG-137	H1 204	DG-606	H1 123	5951879	H0 605
DG-140	H1 944	DG-607	H5 093	5951881	H1 004
DG-142	H1 112	DG-608	H1 396	5951882	H1 826
DG-144	H1 961	DG-609	H1 392	7029585	H0 605
DG-145	H1 119	DG-610	H5 018	7632587	H1 821
DG-146	H1 789	DG-614	H1 193	7702960	H1 002
DG-155	H1 143	DG-615	H1 411	7735920	H1 656
DG-159	H1 710	DG-619	H1 393	7777837	H1 126
DG-161	H1 693	DG-621	H5 025	8122193	H0 537
DG-170	H1 816	DG-632	H1 369	46447610	H1 712
DG-171	H1 859	DG-633	H1 408	46451951	H1 793
DG-172	H1 666	DG-634	H5 192	46751764	H1 842
DG-173	H1 955	DG-702	H1 205	46754154	H1 802
DG-174	H1 211	DEUTZ	Hidria	46779614	H1 859
DG-176	H1 207	0 118 0400	H5 179	46792355	H1 816
DG-177	H1 127	0 118 0898	H1 651	46796050	H1 859
DG-178	H1 118	0 118 0899	H1 652	55200755	H1 396
DG-180	H1 166	118 0400	H5 179	55200817	H1 802
DG-181	H1 992	DODGE	Hidria	55200817	H1 020
DG-182	H1 120	367104A00	H1 105	55238404	H5 158
DG-184	H1 658	367104A710	H1 105	60507123	H1 005

FIAT	Hidria	FIAT	Hidria	FORD	Hidria
60596245	H1 656	EZD 14	H1 002	4 025 139	H1 789
60812292	H1 656	F 2 VB	H0 605	4 434 918	H1 789
60814613	H1 793	F 4 VB	H0 605	4 612 191	H1 705
60815294	H1 054	FU 2 A	H1 002	4C 3Z 12A342 AA	H1 206
71713981	H1 054	FU 4 A	H1 826	4U3Q 6M090 AA	H1 944
71719015	H1 002	71735459	H1 721	4U3Q 6M090 AB	H1 944
71734087	H1 793	71735463	H1 812	4U3Q AA	H1 944
71735458	H1 802	9650100080	H1 166	4U3Q AB	H1 944
71735464	H1 842	9683195280	H1 368	5 007 956	H1 789
77359200	H1 656	FORD	Hidria	5 023 133	H1 532
96165724	H1 656	1207069	H1 121	6 048 827	H0 611
98459883	H1 117	1724842	H5 025	6 063 505	H0 605
98462490	H1 086	1 001 049	H1 096	6 075 812	H1 126
98462492	H1 117	1 008 792	H1 096	6 132 244	H1 006
98498630	H1 126	1 037 204	H1 659	6 132 246	H1 006
99450392	H0 578	1 045 261	H1 096	6 154 593	H1 656
99450396	H0 537	1 056 857	H1 096	6 154 593	H1 006
500303569	H1 808	1 079 401	H1 794	6 163 811	H1 665
500314583	H0 569	1 096 527	H1 705	6G9Q 6M090 AA	H1 193
500316493	H1 808	1 148 105	H1 737	7 072 673	H1 656
500351992	H1 815	1 207 068	H1 121	7 088 988	H1 665
7563225100	H0 811	1 309 471	H1 705	71 F 6L055 AC	H0 211
9616572480	H1 086	1 313 809	H1 992	715 F 11390 CA	H0 211
9623638380	H1 732	1 427 905	H1 193	715 F 62055 AA	H0 211
9631658980	H1 731	1 441 267	H1 789	78 GB 6 M 090 CA	H0 605
9633214380	H1 086	1 447 128	H1 166	78 GB 6M090 BA	H0 611
9638985980	H1 732	1 525 910	H1 737	78 GB 6M090 CA	H0 605
9651029780	H1 732	1 536 023	H1 789	785 F 6M090 BA	H0 605
9652548280	H1 193	1 587 444	H0 605	785 F 6M090 CB	H0 605
9659279280	H1 705	1 590 417	H1 006	786 B 6M090 CA	H0 605
4129674	H1 962	1 669 977	H1 659	795 F 6M090 AA	H1 006
46 751 764	H1 842	1 682 276	H1 368	795 F 6M090 CA	H0 614
46 754 154	H1 802	1 690 048	H1 810	83 BB 6M090 A1A	H1 002
46 779 614	H1 859	1 717 631	H5 015	83 BB 6M090 A2A	H1 002
46 792 355	H1 816	1 836 600 C1	H1 199	84 BB 6M090 AA	H1 656
46 796 050	H1 859	1 843 286 C1	H1 206	84 FF 6M090 B1A	H1 006
50 031 4583	H0 569	1 843 286 C2	H1 206	84 FF 6M090 B2A	H1 656
50 035 1992	H1 815	1 952 464	H1 797	84 FF 6M091 BA	H1 006
500303569	H0 584	105 68 57	H1 096	89 FF 6M090 AA	H1 665
55187863	H1 816	12 31 944	H1 992	89 FF 6M091 AA	H1 656
5951881	H1 002	131 38 09	H1 992	8C3Z 12A342 A	H1 206
60 596 245	H1 656	1M21-18B515-AA	H1 121	8M34-12A342-AA	H1 789
60 617 002	H1 810	1M21-18B515-BA	H1 121	9 10 X 6M090 AA	H1 052
60 814 613	H1 793	2S6Q 6M090 AA	H1 737	9 10 X 6M090 BA	H0 605
71735460	H1 126	2S6Q 6M090 AB	H1 737	910 X 6M090 AA	H1 052
71735461	H1 656	2S6Q 6M090 BB	H1 166	910 X 6M090 BA	H0 605
71735462	H1 808	3 601 370	H1 789	93 FF 6M090 AA	H1 665
9651029880	H1 731	3C3Z 12A342 AA	H1 199	94 DD 6M090 AA	H1 656
9651583680	H1 992	3M5Q 6M090 AB	H1 992	95 DD 6M090 AA	H1 810
99473620	H0 903	3M5Q-6M090-AC	H1 992	95 VB-9N424-AB	H0 430

FORD	Hidria	FORD	Hidria	GM	Hidria
95 VW 6M090 AA	H1 659	XS 4U 6M090 AB	H1 794	55 564 219	H1 394
95 VW 6M090 AB	H1 659	XS 7U 6M090 BA	H1 705	55 570 037	H5 192
96 FF 6M090 AA	H1 096	XS 7U 6M090 BB	H1 705	88 900 715	H1 739
96 FF 6M090 AB	H1 096	ZD 1	H0 711	88 900 716	H1 810
96 FF 6M090 BA	H1 096	ZD 13	H1 206	88 900 717	H1 961
96 FF 6M090 BB	H1 096	ZD 8	H0 713	88 900 718	H1 143
96 FF 6M090 CA	H1 096	ZD 9	H0 713	88 900 719	H1 658
986 T 9N424 AA	H0 594	1473356	H1 992	88 900 720	H1 096
99 FF 6M090 AA	H1 096	1525910	H1 737	88 900 721	H1 119
9X2Q 6M090 AC	H5 150	1536023	H1 789	88 900 722	H1 659
AC 3Z 12 A342AA	H1 206	1824690	H1 368	88 900 723	H1 053
AU3Q AA	H1 944	1542845	H1 859	88 900 723	H1 657
AV 2Q 6M090 BA	H1 368	GLAS	Hidria	88 900 724	H1 088
AV 6Q 6M090 BA	H1 368	1102	H0 103	88 900 727	H1 087
BK3Q6M090AB	H5 015	1103	H1 004	88 900 728	H1 656
BS 516M090 AA	H5 025	B 18 N	H0 614	88 900 729	H1 712
E 2 TZ 12A342 A	H0 713	B 19 N	H0 605	88 900 730	H0 605
E 4 TZ 12A342 A	H0 713	B 20 N	H0 605	88 900 731	H1 004
E 5 TZ 12A342 A	H0 711	B 22 N	H0 605	88 900 732	H1 006
E 7 TZ 12A342 A	H0 713	B 23 R	H1 826	88 900 734	H1 826
EDZ 30	H1 656	B 24 SR	H1 005	88 900 735	H1 638
EDZ 5	H1 002	B 26 SR	H1 052	88 900 736	H1 002
EZD 1	H0 611	B 27 SR	H1 665	88 900 737	H1 665
EZD 10	H1 657	B 29 SR	H1 002	88 900 739	H0 643
EZD 11	H1 004	B 30 SR	H0 615	88 900 741	H1 078
EZD 13	H1 005	B 31 SR	H1 004	90 464 737	H1 091
EZD 14	H1 002	B 32 R	H1 826	90 487 858	H1 792
EZD 15	H0 605	B 40	H0 103	90 569 338	H1 090
EZD 16	H1 826	B 41 SR	H1 078	91 111 45	H1 126
EZD 18	H1 799	B 42 SR	H1 638	91 153 919	H1 810
EZD 2	H0 605	B 44 SR	H1 792	91 182 01	H1 090
EZD 20	H1 798	B 48 R	H1 052	91 611 11	H0 903
EZD 24	H0 643	B 5 N	H1 216	91 966 69	H1 112
EZD 27	H1 657	GM	Hidria	92 016 98	H1 977
EZD 29	H1 052	9111145	H1 126	93 161 342	H1 977
EZD 30	H1 656	22472368	H5 240	93 161 489	H1 977
EZD 33	H1 659	55238404	H5 158	93 178 047	H1 859
EZD 36	H1 810	55567737	H5 016	93 178 225	H1 112
EZD 37	H1 794	93178047	H1 859	93 178 411	H1 816
EZD 39	H1 096	93178411	H1 816	93 183 739	H1 920
EZD 4	H0 614	93189648	H1 825	93 183 990	H1 091
EZD 40	H1 737	93197242	H1 090	93 187 927	H1 860
EZD 41	H1 732	93197244	H1 112	93 190 433	H1 020
EZD 5	H1 002	95508485	H1 119	93 191 771	H1 396
EZD 8	H1 665	95508487	H1 816	94 133 759	H1 125
F 2 TZ 12A342 A	H0 713	95508488	H1 112	94 140 115	H1 125
F 4 TZ 12A342A	H1 195	95508494	H1 825	94 175 158	H1 125
XM 34 12A342 BA	H1 789	95514173	H5 017	95 514 173	H5 017
XM34-12A342-BB	H1 789	233G	H0 643	96 440 144	H5 191
XM34-12A342-CA	H1 789	55 564 162	H1 396	97 080 554	H1 920

GM	Hidria
97 210 818	H1 860
97 226 202	H1 203
97 326 305	H1 217
97 358 626	H1 860
97 364 968	H5 092
97 389 905	H1 860
97 464 737	H1 112
25181860	H5 240
GREAT WALL	Hidria
3770100 E06	H1 443
HANOMAG	Hidria
135 906 129	H0 611
151 120 106	H0 611
HINO	Hidria
1985A56022	H1 594
1985A68060	H1 213
HKT	Hidria
CP-01	H1 701
CP-02	H1 700
CP-07	H1 211
CP-22	H1 449
CP-50	H1 920
CP-70	H1 576
PD-190	H1 512
PD-191	H1 711
PI-49	H1 125
PI-57	H1 691
PI-58	H1 692
PM-139	H1 731
PM-161	H1 703
PM-75	H1 547
PN-120	H5 099
PN-121	H1 804
PN-123	H1 561
PN-124	H1 577
PN-128	H1 568
PN-129	H1 804
PN-132	H1 801
PN-135	H1 799
PN-138	H1 797
PN-139	H1 204
PN-89	H1 804
PS-206	H5 019
PT-100	H1 594
PT-104	H1 594
PT-107	H1 512
PT-140	H1 605
PT-141	H1 213
PT-150	H1 711
PT-151	H1 667

HKT	Hidria
PZ-33	H1 532
HONDA	Hidria
12291-PLZ-D00	H1 860
12291-RBD-E01	H5 021
12291-RL0-G01	H5 021
31812-ZG5-0030	H1 711
12291P5TG02	H1 824
HYUNDAI	Hidria
36710 2A 700	H1 442
36710 2F 100	H1 453
36710 4X 900	H1 436
36710-27000	H1 955
36710-27010	H1 955
36710-2A 100	H1 208
36710-2A 200	H1 208
36710-2F000	H5 123
36710-3A 000	H1 395
36710-42000	H1 666
36710-42010	H1 666
36710-42020	H1 666
36710-42021	H1 666
36710-42060	H1 666
36710-42500	H1 211
36710-42510	H1 666
36710-4A 000	H1 105
36710-4A 100	H1 105
36710 2F 101	H1 453
36710 29001	H1 086
IFA	Hidria
834019	H1 053
834019	H1 657
INFINITI	Hidria
11065 00Q0C	H5 126
ISUZU	Hidria
1 82513 044 3	H1 975
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1-82513-044-0	H5 101
5-81410-040-0	H1 790
5-81410-044-0	H5 103
5-81410-045 0	H5 103
5-81410-057-3	H1 961
8 94133 759 0	H1 125
8 94133 759 1	H1 125
8 94133 759 2	H1 125
8 94133 759 3	H1 125
8 94133 759 4	H1 125
8 94133 759 5	H1 125
8 94133 759 6	H1 125
8 94133 759 7	H1 125
8 94133 759 9	H1 976

ISUZU	Hidria
8 94140 153	H1 125
8 94144 412 0	H1 692
8 94175 158	H1 125
8 94175 158 0	H1 125
8 94175 158 1	H1 125
8 94241 490	H0 643
8 94249 692 1	H0 643
8 94319 700 1	H1 692
8 94319 700 2	H1 692
8 94402 303 1	H0 710
8 94481 972 0	H1 691
8 94751 581	H1 125
8 97073 641 0	H1 125
8 97080 554 0	H1 920
8 97143 674 1	H1 918
8 97210 818 2	H1 860
8 97226 202 2	H1 203
8 97326 305 2	H1 217
8 97364 968 0	H5 092
8 97364 968 1	H5 092
8 97389 905 0	H1 860
8 9801 3392 0	H1 469
8 9817 4898 0	H1 469
8-94140-115-3	H1 807
8-97306-519-0	H1 429
8-97306-519-1	H1 429
8-97306-519-2	H1 429
8-97306-519-3	H1 429
9 82511 957 0	H0 643
9 82511 964 0	H0 643
9 82511 965 0	H5 103
9 82511 978 0	H0 643
9 82511 978 1	H0 643
9 82511 978 2	H0 643
9 82511 978 3	H0 643
9 82511 979 0	H5 103
9 82513 928 0	H5 101
9 82513 928 1	H5 101
9 82513 928 2	H5 101
9 82513 928 3	H5 101
9 82513 928 4	H5 101
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ISUZU	Hidria	KHD	Hidria	KIA	Hidria
9 82513 959 4	H5 103	011 79570	H0 567	0K75B18140	H1 789
9-4140-115	H1 807	0118 0400	H5 179	367102F101	H1 453
9-4175-158	H1 807	116 1134	H0 503	KUBOTA	Hidria
IVECO	Hidria	116 1134	H0 537	15221-6551-0	H5 104
4729585	H0 605	116 1135	H0 504	15221-6551-2	H5 104
4832279	H0 584	116 1637	H0 502	15221-6551-3	H5 104
4841294	H1 826	116 3694	H0 211	16098-0417-1	H5 094
4849406	H0 615	116 9117	H0 611	16241-6551-1	H5 102
4849601	H0 903	117 0058	H0 601	16241-6551-2	H5 102
7632587	H1 821	117 3108	H0 637	16851-6551-0	H5 019
27600323	H1 815	117 4599	H0 502	16851-6551-2	H5 019
98459883	H1 126	117 5818	H0 211	1G911-6551-0	H5 094
98462490	H1 086	117 8543	H0 568	1G911-6551-2	H5 094
98462492	H1 117	117 9570	H0 567	LAMBORGHINI	Hidria
98498630	H1 126	118 0400	H5 179	2 7659 013	H1 537
99450392	H0 578	472 9585	H0 605	2 7659 013 0	H0 537
99450396	H0 537	478 1356	H0 826	LANCIA	Hidria
500314583	H0 569	812 2193	H0 584	484906	H1 117
500316493	H1 808	B 12 VH 7632	H0 584	763587	H1 821
500351992	H1 815	B 24 VH 7632	H0 504	4781356	H1 826
004 729 585	H0 605	D 11 H 7631	H0 211	4781356	H1 656
004 729 858	H0 605	S 95 H 7631	H0 611	4849406	H1 826
500303569	H0 584	KIA	Hidria	5500842	H1 194
JAGUAR	Hidria	36710 2A700	H1 442	7632587	H1 821
02 JD 61164	H1 705	36710 2F 100	H1 453	7735920	H1 656
02 JD 61604	H1 944	36710 4X 900	H1 436	46447610	H1 712
C2S4 0053	H1 705	36710-27000	H1 955	46451951	H1 793
JDE 8865	H5 150	36710-27010	H1 955	55210051	H5 025
JDE13601	H1 369	36710-2A 100	H1 208	60617002	H1 810
JDE 3926	H1 944	36710-2A 200	H1 208	60812292	H1 656
JEEP	Hidria	36710-2F000	H5 123	71735458	H1 802
04 863 826	H1 810	36710-3A 000	H1 395	77359200	H1 656
04 863 826 AA	H1 810	36710-42000	H1 666	98462492	H1 117
05 066 840 AA	H1 207	36710-42010	H1 666	9623638380	H1 732
05 080 047 AA	H1 739	36710-42020	H1 666	9652548280	H1 193
05 080 047 AB	H1 739	36710-42021	H1 666	K68092635AA	H5 018
05 175 756 AA	H1 122	36710-42060	H1 666	60 812 292	H1 656
68000913AA	H1 993	36710-42500	H1 211	606 17 002	H1 810
68029497AA	H1 408	36710-4A 000	H1 105	68092635AA	H5 018
71775530	H1 122	36710-4A 100	H1 105	71735459	H1 712
55200755	H1 396	36710-4A 710	H1 105	K68147404AA	H1 396
68147404AA	H1 396	OK 054-18-140	H1 789	LEXUS	Hidria
68211173AA	H5 213	OK 710-18-140	H1 789	198500R020	H1 430
JOHN DEERE	Hidria	OK 710-18-140 A	H1 789	1985026022	H1 430
AL 56 875	H0 210	OK 71E-18-140	H1 789	LAND ROVER	Hidria
RE 29 658	H0 210	OK 71E-18-140A	H1 789	001302	H1 193
KHD	Hidria	OK 75A 18 140	H1 789	1354289	H1 944
0 117 9016	H0 211	OK 75B-18-140	H1 789	LR 001 302	H1 193
0 118 0897	H1 652	OK05418140	H1 789	LR 013275	H5 150
0 419 9716	H1 572	OK04S18140A	H1 789	LR022300	H1 369

LAND ROVER	Hidria	LUCAS	Hidria	LUCAS	Hidria
LR029960	H5 015	DS002	H1 657	LP050	H1 709
NCC100050	H1 089	DS003	H1 656	LP051	H1 732
ERC8847	H1 795	DS005	H0 610	LP053	H1 119
ERR6066	H1 120	DS006	H0 605	LP055	H1 739
NCC100120L	H1 119	DS010	H0 611	LP056	H1 961
STC3103	H1 656	DS016	H1 574	LP058	H1 808
ERC8648	H1 005	DS017	H1 547	LP059	H1 090
LR004377	H1 705	DS018	H1 512	LP060	H1 794
NCC100050L	H1 824	DS020	H1 605	LP062	H1 922
LIEBHERR	Hidria	DS024	H1 561	LP065	H1 920
600 00 97	H0 504	DS025	H1 577	LP066	H1 089
LOMBARDINI	Hidria	DS026	H1 532	LP067	H1 211
2100 1240	H5 243	DS027	H1 213	LP068	H1 145
2100 0940	H5 244	DS030	H1 594	LP072	H1 802
2100 056	H1 718	DS031	H5 099	LP073	H1 825
LUCAS	Hidria	DS039	H1 804	LP074	H1 705
1854010	H0 345	DS043	H1 804	LP075	H1 977
1854030	H0 308	DS052	H1 005	LP076	H1 860
1854040	H0 359	DS055	H1 703	LP077	H1 112
1854050	H0 312	DS061	H1 799	LP079	H1 391
1854060	H0 316	DS065	H1 568	LP080	H1 737
1854070	H0 319	DS068	H1 801	LP081	H1 667
1854080	H0 321	DS090	H0 711	LP082	H1 412
1854090	H0 318	DS091	H0 712	LP085	H1 212
1854101	H0 303	DS092	H0 713	LP086	H1 955
1854102	H0 305	DS094	H1 715	LP087	H1 127
1854103	H0 309	DS095	H1 716	LP088	H1 339
1854104	H0 306	DS122	H1 006	LP089	H1 118
1854105	H0 361	DS124	H1 638	LP092	H1 339
1854106	H0 339	LP005	H1 126	LP094	H1 144
1854109	H0 320	LP009	H1 711	LP095	H1 944
1854111	H0 304	LP012	H5 019	LP096	H1 810
1854112	H0 308	LP013	H1 799	LP098	H1 859
1854115	H0 318	LP014	H1 577	LP101	H1 816
1854117	H0 343	LP022	H1 657	LP102	H1 120
1854120	H0 312	LP024	H1 795	LP107	H1 123
1854123	H0 409	LP025	H1 789	LP110	H1 166
1854124	H0 375	LP026	H1 089	LP113	H1 208
1854125	H0 323	LP027	H1 659	LP114	H1 193
1854126	H0 410	LP032	H1 391	LP119	H1 944
7167-620A	H8 121	LP033	H1 656	LP124	H1 212
7167-620B	H8 120	LP034	H1 656	LP134	H1 396
7167-620D	H8 305	LP036	H1 656	LP137	H1 392
7180-049	H8 229	LP037	H1 731	LP138	H1 393
7180-049A	H8 224	LP040	H1 087	LP139	H5 093
7180-049D	H8 407	LP041	H1 824	LP146	H5 020
7240-5	H8 125	LP042	H1 159	LP150	H1 368
7240-6	H8 220	LP043	H1 121	LP151	H1 453
9009-049	H8 120	LP044	H1 703	LP155	H5 209
DS001	H1 656	LP048	H1 096		

MAN	Hidria	MAZDA	Hidria	MERCEDES-BENZ	Hidria
000 159 25 01	H0 103	Y 401 18 601	H1 737	001 159 7401	H1 397
000 159 60 01	H0 103	Y401-18-601A	H1 737	622 159 00 01	H5 017
000 159 61 01	H0 103	Y650-18-601	H1 368	660 159 00 01	H1 658
000 159 81 01	H1 004	Y40418601A	H1 166	660 159 02 01	H1 658
000 159 83 01	H1 004	MERCEDES-BENZ	Hidria	660 159 04 01	H5 185
51 26030 015	H0 591	000 159 04 01	H5 100	665 159 00 01	H1 977
51 26030 019	H0 591	000 159 25 01	H0 103	A 000 159 60 01	H0 103
51 26803 0005	H0 591	000 159 26 01	H0 103	A 000 159 75 01	H1 004
51 26803 0008	H0 591	000 159 60 01	H0 103	A 000 159 81 01	H1 004
51 26803 0011	H0 568	000 159 61 01	H0 103	A 000 159 83 01	H1 004
51 26803 0015	H0 506	000 159 74 01	H0 211	A 001 159 04 01	H5 100
51 26803 0019	H0 590	000 159 75 01	H1 004	A 001 159 14 01	H5 110
51 26803 0020	H0 209	000 159 77 01	H1 002	A 001 159 15 01	H1 088
51 26803 0021	H0 591	000 159 81 01	H1 656	A 001 159 16 01	H1 088
51 26803 0021	H0 506	000 159 82 01	H5 100	A 001 159 20 01	H1 087
51 26803 0022	H0 591	000 159 83 01	H1 004	A 001 159 21 01	H1 087
51 26803 0023	H0 568	000 159 90 01	H0 103	A 001 159 26 01	H1 738
81 26803 0005	H0 591	000 159 91 01	H1 007	A 001 159 27 01	H1 143
81 26803 0008	H0 591	000 835 10 26	H0 205	A 001 159 28 01	H1 739
90 80112 4161	H0 591	001 159 00 01	H1 078	A 001 159 36 01	H1 078
MAYBACH	Hidria	001 159 04 01	H5 100	A 001 159 37 01	H1 739
001 159 46 10	H1 123	001 159 14 01	H5 110	A 001 159 38 01	H1 739
A 001 159 46 10	H1 123	001 159 15 01	H1 088	A 001 159 42 01	H1 739
A 660 159 04 01	H5 185	001 159 16 01	H1 088	A 001 159 46 10	H1 123
660 159 04 01	H5 185	001 159 17 01	H1 078	A 001 159 48 01	H1 739
MAZDA	Hidria	001 159 20 01	H1 087	A 001 159 49 01	H1 739
1E07-18-601	H1 096	001 159 21 01	H1 087	A 001 159 50 01	H1 122
1E07-18-601B	H1 096	001 159 22 01	H1 656	A 001 159 51 01	H1 397
R2AA-18-601	H1 407	001 159 25 01	H0 601	A 001 159 52 01	H1 139
RF 1M 18 601	H1 789	001 159 26 01	H1 738	A 001 159 56 01	H5 209
RF 2A 15 601	H1 215	001 159 27 01	H1 143	A 001 159 57 01	H5 124
RF 2A 18 601	H1 215	001 159 28 01	H1 739	A 001 159 58 01	H5 124
RF86-18-601	H1 410	001 159 35 01	H1 656	A 001 159 66 01	H5 124
RFG 1 18 601	H1 789	001 159 36 01	H1 078	A 001 159 68 01	H5 209
RFN 1 18 601	H1 789	001 159 37 01	H1 739	A 001 159 71 01	H1 122
RFJ5-18-601	H1 789	001 159 38 01	H1 739	A 001 159 73 01	H5 221
WE0118601	H5 193	001 159 42 01	H1 739	A001 159 7401	H1 397
RFN 1 18 601 A	H1 789	001 159 46 01	H1 123	A 415 159 00 01	H1 392
RFR 1 18 601	H1 789	001 159 46 10	H1 123	A 622 159 00 01	H5 017
S 210 18 140	H1 789	001 159 48 01	H1 739	A 660 159 00 01	H1 658
S201-18-140	H1 532	001 159 49 01	H1 739	A 660 159 02 01	H1 658
S501-18-140	H1 532	001 159 50 01	H1 122	A 660 159 04 01	H5 185
SE 01 18 140 A	H1 796	001 159 51 01	H1 397	A 622 159 00 01	H5 017
SH01-18-601	H5 128	001 159 52 01	H1 139	A 642 159 01 01	H5 222
SH01-18-601A	H5 128	001 159 56 01	H5 209	MINI	Hidria
WL 01 18 601	H1 789	001 159 57 01	H5 124	12 23 0 035 934	H5 210
WL 03 18 601	H1 789	001 159 58 01	H5 124	12 23 7 798 001	H5 093
WL 81-18-601	H1 789	001 159 66 01	H5 124	12 23 7 803 368	H5 210
WLE7-18-601	H1 789	001 159 68 01	H5 209	12237806041	H1 166
WLY5-18-601	H1 789	001 159 71 01	H1 122		

mitsubishi	Hidria	MOTORCRAFT	Hidria	NGK	Hidria
1820A019	H1 444	50 23 372	H0 605	DP 7	H1 709
1820A009	H5 247	50 31 006	H1 656	DP 8	H1 920
1820A020	H1 430	61 32 246	H1 006	DP 9	H1 731
31166-03101	H5 095	61 54 593	H1 656	DP 10	H1 731
31166-03104	H5 095	84BB6-M090-AA	H1 656	DP 11	H1 739
31366-02100	H5 109	84FF6-M090-B2A	H1 006	DP 12	H1 922
31366-02109	H5 109	96FF6-M090-CA	H1 096	DP 13	H1 211
31366-14700	H5 109	EZD 1	H0 611	DP 14	H1 090
31366-14701	H5 109	EZD 10	H1 657	DP 15	H1 052
31666-02100	H5 109	EZD 18	H1 547	DP 16	H1 087
31666-02109	H5 109	EZD 19	H1 594	DP 17	H1 824
36710-42500	H1 211	EZD 30	H1 656	DP 18	H1 825
M 816 732	H1 053	EZD 37	H1 794	DP 19	H1 159
M 883 828	H1 825	EZD 39	H1 096	DP 20	H1 121
MD 014 997	H1 703	EZD 40	H1 737	DP 21	H1 211
MD 050 212	H1 547	EZD 41	H1 732	DP 22	H1 089
MD 070 194	H1 799	EZD 4	H0 605	DP 24	H1 732
MD 077 167	H1 799	EZD 5	H1 656	DP 25	H1 098
MD 092 392	H1 703	V94DX-6M090-AA	H1 656	DP 26	H1 793
MD 197 511	H1 211	V95DD-6M090-AA	H1 810	DP 27	H1 794
MD 301 950	H1 211	XS4U-6M090-AB	H1 794	DP 28	H1 961
MD 344 469	H1 211	XS7U-6M090-BA	H1 705	DP 29	H1 712
MD 354 500	H1 211	NGK	Hidria	DP 30	H1 088
ME 007 545	H5 109	CY01	H1 701	DP 31	H1 961
ME 007 547	H5 109	CY02	H1 700	DP 32	H1 119
ME 067 459	H5 095	CY03	H1 920	DP 34	H1 795
ME 193890	H1 440	CY51	H1 701	DP 35	H1 705
ME 200 970	H1 412	CY52	H1 700	DP 36	H1 802
ME 201 632	H1 412	CY55	H1 412	DP 37	H1 112
ME 202 785	H1 412	CY58	H1 391	DP 38	H1 143
ME 203 539	H1 418	CZ01	H1 576	DP 39	H1 789
ME 203 583	H1 412	CZ104	H5 199	DP 40	H1 737
ME 203 754	H1 412	CZ105	H5 123	DP 41	H1 738
ME 967 559	H5 095	CZ106	H5 209	DP 42	H1 860
MM 105 560	H5 109	CZ108	H5 185	DP 43	H1 842
MM 401 625	H5 109	CZ203	H1 442	DP 44	H1 145
MN 960 270	H1 123	CZ22	H1 860	DP 45	H1 144
MN 980 234	H1 993	CZ158	H5 185	DP 46	H1 658
MN 960296	H1 123	CZ159	H5 222	DP 47	H1 118
MN 980406	H5 122	CZ258	H1 432	DP 48	H1 993
MQ 901 659	H1 789	CZ303	H5 124	DP 49	H1 339
MR 577 131	H1 211	CZ304	H5 122	DP 50	H1 127
MW30756065	H1 825	CZ51	H1 576	DP 51	H1 122
MN 982402	H1 193	CZ551	H5 221	DP 52	H5 199
MOTORCRAFT	Hidria	DP 1	H1 656	DP 53	H5 209
10 56 857	H1 096	DP 2	H1 657	DP 54	H5 124
10 79 401	H1 794	DP 3	H1 126	DP 55	H5 122
10 96 527	H1 705	DP 4	H1 659	DP 56	H1 992
16 90 048	H1 810	DP 5	H1 096	DP 57	H1 339
32 52 725	H1 532	DP 6	H1 078	DP 58	H1 368

NGK	Hidria	NGK	Hidria	NGK	Hidria
DP 59	H1 418	Y-146R	H1 512	Y-542J	H1 144
DP 60	H1 920	Y-147T	H1 790	Y-543J	H1 658
DP 61	H1 212	Y-154RS	H1 807	Y-547AS	H1 118
DP 62	H1 859	Y-157R	H1 796	Y-548J	H1 705
DP 63	H1 449	Y-162R1	H1 577	Y-603J	H1 920
DP 64	H1 815	Y-175-2	H5 095	Y-604J	H1 091
DP 65	H1 430	Y-181T	H5 099	Y-605J	H1 120
DP 66	H1 977	Y-197R	H1 213	Y-607AS	H1 127
DP 67	H1 208	Y-197T	H1 755	Y-609AS	H1 339
DP 68	H1 442	Y-204 TS	H1 804	Y-701J	H1 789
DP 69	H5 193	Y-204RS	H1 574	Y-701R	H1 789
DP 70	H5 020	Y-204SS	H1 804	Y-701RS	H1 789
DP 71	H1 207	Y-204TS1	H1 804	Y-703R	H1 711
DP 72	H5 025	Y-207T	H1 657	Y-705RS	H1 801
DP 73	H1 166	Y-208T	H0 605	Y-707RS	H1 799
DP 74	H5 018	Y-302	H1 702	Y-709R	H5 102
DP 75	H1 705	Y-306R	H0 643	Y-710J	H1 692
DP 77	H1 392	Y-307R	H0 710	Y-710R	H1 692
DP 78	H1 396	Y-403T	H0 610	Y-711J	H1 691
DP 80	H5 093	Y-404	H0 811	Y-711R	H0 710
DP 81	H1 124	Y-501U	H1 961	Y-711RS	H1 691
Y1001J1	H1 469	Y-502R	H1 808	Y-712RS	H1 797
Y1002AS	H1 339	Y-503J	H1 731	Y-715R	H1 667
Y1003AS	H1 453	Y-503R	H1 731	Y-722J	H1 799
Y1005J	H1 992	Y-504J	H1 732	Y-722JS	H1 799
Y1007J	H1 418	Y-504R	H1 732	Y-723U	H1 825
Y1010AS	H5 017	Y-506J	H1 709	Y-729U	H1 795
Y1012J	H1 430	Y-506R	H1 709	Y-730U	H1 824
Y1013J	H1 449	Y-507J	H1 119	Y-731U	H1 731
Y1030J	H5 020	Y-507R	H1 119	Y-732J	H1 659
Y1031J	H1 207	Y-508J	H1 105	Y-732U	H1 659
Y1035AS	H1 392	Y-515J	H1 825	Y-733J	H1 211
Y1036AS	H1 393	Y-516J	H1 922	Y-738U	H1 693
Y1038J	H1 918	Y-517J	H1 977	Y-739R	H1 821
Y1039AS	H5 093	Y-519J	H1 212	Y-740U	H1 089
Y-104	H1 806	Y-522J	H1 432	Y-741U	H1 810
Y-104R	H0 643	Y-523J	H1 112	Y-742U	H1 692
Y-106-1	H5 104	Y-524J	H1 794	Y-743U	H1 691
Y-107R	H1 532	Y-525J	H1 705	Y-745U	H1 739
Y-107T	H1 454	Y-526J1	H5 193	Y-746J	H1 143
Y-112M1	H1 561	Y-527J	H1 208	Y-746R	H1 143
Y-112R1	H1 568	Y-529J	H1 215	Y-747U	H1 793
Y-115R1	H1 703	Y-530J	H1 204	Y-748U	H1 090
Y-115T1	H1 547	Y-531J	H1 145	Y-749J	H1 955
Y-117RS	H1 798	Y-532J	H1 919	Y-755RS	H1 205
Y-118R	H1 605	Y-534J	H1 802	Y-757RS	H1 214
Y-118T	H1 597	Y-535J	H1 436	Y8001AS	H1 368
Y-118T1	H1 597	Y-536J	H1 124	Y8002AS	H1 122
Y-128T	H1 594	Y-537AS	H5 232	Y8003J	H1 859
Y-145T	H1 653	Y-541J	H1 860	Y8005J	H1 815

NGK	Hidria	NGK	Hidria	NGK	Hidria
Y8008AS	H5 018	1250	H0 605	5005	H1 731
Y8009AS	H5 191	1253	H1 454	5013	H1 955
Y-810	H0 611	1436	H1 922	5065	H1 810
Y9001AS	H5 025	2161	H1 703	5104	H1 089
Y9003AS	H1 396	2187	H1 605	5116	H1 789
Y9004AS	H5 394	2188	H1 213	5207	H1 166
Y-901R	H1 003	2189	H1 547	5264	H1 691
Y-902R	H1 002	2203	H1 795	5287	H1 211
Y-904M1	H1 125	2273	H1 824	5376	H1 667
Y-907R	H1 006	2431	H1 577	5390	H1 693
Y-908R	H1 826	2500	H1 212	5413	H1 052
Y-909R	H1 005	2531	H1 561	5486	H1 391
Y-910J	H1 665	2649	H5 019	5520	H1 653
Y-910R	H1 665	2696	H1 701	5540	H1 802
Y-911J	H1 638	2728	H5 099	5568	H1 088
Y-911R	H1 638	2765	H1 789	5642	H1 642
Y-913J	H1 052	2979	H1 145	5661	H1 993
Y-913M	H1 052	3017	H1 700	5665	H1 144
Y-916J	H1 078	3209	H1 576	5700	H1 712
Y-916R	H1 078	3319	H1 977	5837	H0 710
Y-917U	H1 792	3473	H1 656	5909	H1 659
Y-918J	H1 657	3703	H1 112	5979	H1 842
Y-918R	H1 657	3704	H1 657	5986	H1 794
Y-920R	H1 002	3709	H1 105	5996	H1 159
Y-922R	H1 656	3782	H1 711	5999	H1 692
Y-923U	H1 656	3786	H1 961	6003	H1 738
Y-924J	H1 656	3829	H1 804	6074	H1 339
Y-924U	H1 656	3852	H1 808	6092	H1 816
Y-925J	H1 087	3861	H1 412	6140	H1 797
Y-927J	H1 159	3873	H1 665	6157	H1 091
Y-927R	H1 159	4018	H1 214	6230	H5 095
Y-928U	H1 712	4118	H1 096	6244	H0 643
Y-929U	H1 738	4305	H1 920	6246	H1 732
Y-930U	H1 088	4309	H1 120	6286	H1 122
Y-933J	H1 098	4315	H1 920	6425	H1 806
Y-937J	H1 096	4315	H1 920	6525	H5 104
Y-939J	H1 842	4454	H1 078	6586	H1 204
Y-945M1	H1 974	4479	H1 006	6599	H1 098
YE01	H5 019	4573	H1 574	6600	H1 658
YE04	H1 737	4602	H1 005	6670	H1 118
YE05	H1 166	4617	H1 860	6897	H1 119
YE07	H1 816	4664	H1 215	6929	H0 611
YE08	H1 193	4705	H1 739	7227	H1 594
YE12	H1 944	4740	H1 087	7464	H1 789
YE13	H1 123	4842	H1 143	7492	H1 512
YE14	H1 993	4902	H1 709	7494	H0 610
1032	H1 568	4937	H1 799	7545	H1 638
1101	H1 737	4951	H1 793	7629	H1 804
1229	H1 532	4966	H1 193	7782	H1 919
1249	H1 801	5000	H1 090	7794	H1 944

NGK	Hidria	NISSAN	Hidria	NISSAN	Hidria
7880	H1 692	11065-00QAE	H1 977	11065-W 2500	H1 574
7992	H1 143	11065-10 G00	H1 801	11065-W 2510	H1 574
7995	H1 125	11065-10 T01	H1 214	11065-W 3400	H1 574
8643	H1 123	11065-16 A05	H1 798	11065-W 3410	H1 574
8851	H1 368	11065-16 A15	H1 798	11065-Y 9703	H1 053
8902	H1 418	11065-1749R	H5 017	75 8000 06-0	H1 002
8926	H1 339	11065-2W202	H1 432	RFJ5 18 601	H1 789
8939	H1 992	11065-2W204	H1 432	110652W21A	H1 432
8944	H1 211	11065-2W20A	H1 432	110652W25A	H1 432
9776	H1 127	11065-2W211	H1 432	110654P40A	H1 455
9810	H5 199	11065-2W212	H1 432	110655C90A	H1 210
9835	H5 122	11065-2W21A	H1 432	110657F40A	H1 391
9883	H5 209	11065-31 N00	H1 797	11065AD21A	H1 212
9970	H5 124	11065-34 W00	H1 561	11065AD210	H1 212
9974	H1 799	11065-43 G01	H1 799	OPEL	Hidria
9994	H5 232	11065-4P400	H1 455	09 110 945	H1 709
90002	H5 020	11065-51 749R	H5 017	12 14 018	H1 119
90007	H5 123	11065-57 J00	H1 210	12 14 020	H1 825
90784	H1 859	11065-5C 900	H1 210	12 14 028	H1 192
91416	H1 436	11065-5C90A	H1 102	12 14 032	H1 859
91843	H1 208	11065-5X00A	H5 126	12 14 033	H1 112
92283	H1 453	11065-63 G00	H1 799	12 14 034	H1 816
93034	H1 469	11065-65N01	H1 209	12 14 035	H1 860
93283	H5 193	11065-65N0A	H1 209	12 14 036	H1 192
93707	H5 025	11065-7C 000	H1 204	12 14 040	H1 802
94171	H5 185	11065-7F 400	H1 391	12 14 042	H1 691
94288	H1 449	11065-7F40A	H1 391	12 14 043	H1 920
94339	H1 442	11065-9C 600	H1 204	12 14 045	H1 091
94542	H1 918	11065-9C 600	H1 204	12 14 053	H1 810
94629	H1 815	11065-AD 200	H1 212	12 14 056	H1 112
95173	H1 432	11065-AD 201	H1 212	12 14 062	H1 860
95836	H1 396	11065-AD 20A	H1 212	12 14 063	H1 860
96037	H1 705	11065-AD 21A	H1 212	12 14 064	H5 020
96062	H1 393	11065-BN 701	H1 825	12 14 065	H1 860
96289	H1 207	11065-C8 600	H1 205	12 14 067	H5 016
96614	H1 392	11065-D 9701	H1 701	12 14 069	H1 119
97199	H5 018	11065-D 9702	H1 701	12 14 070	H1 859
97930	H1 430	11065-G 2400	H1 797	12 14 071	H1 816
NISSAN	Hidria	11065-G 2400	H1 797	12 14 072	H1 112
11065-00 Q00	H1 825	11065-G 5501	H1 209	12 14 073	H1 802
11065-00 Q0A	H1 977	11065-HA300	H1 789	12 14 076	H1 091
11065-00 Q0C	H5 126	11065-T 3400	H5 099	12 14 079	H1 192
11065-00 Q0E	H1 392	11065-T 3470	H5 099	12 14 082	H1 825
11065-00 Q0G	H5 126	11065-T 8200	H1 568	12 14 094	H1 396
11065-00 Q0H	H5 017	11065-T 8201	H1 577	12 14 096	H1 860
11065-00 Q0L	H5 017	11065-T 8202	H1 568	12 14 098	H5 193
11065-00 QAA	H1 825	11065-T 8203	H1 577	12 14 106	H5 158
11065-00 QAF	H1 825	11065-V 0700	H1 804	12 14 300	H0 611
11065-00 QAG	H1 825	11065-V 0710	H1 804	12 14 301	H1 860
11065-00QAB	H1 977	11065-V 7203	H1 576	12 14 302	H1 216

OPEL	Hidria	OPEL	Hidria	OPEL	Hidria
12 14 303	H0 610	88 900 719	H1 658	93 198 739	H5 126
12 14 304	H0 605	88 900 720	H1 096	94 133 759	H1 807
12 14 305	H1 112	88 900 721	H1 119	94 140 115	H1 807
12 14 306	H1 002	88 900 722	H1 659	94 175 158	H1 807
12 14 307	H1 002	88 900 723	H1 053	94 319 700	H1 692
12 14 308	H0 643	88 900 723	H1 657	94 402 303	H0 710
12 14 309	H0 710	88 900 724	H1 088	94 422 1719	H0 643
12 14 310	H1 691	88 900 725	H1 656	94 439 218	H0 643
12 14 311	H1 692	88 900 727	H1 087	94 481 972	H1 691
12 14 312	H1 692	88 900 728	H1 656	95 508 491	H1 091
12 14 316	H1 920	88 900 729	H1 712	95 508 492	H1 192
12 14 317	H1 792	88 900 730	H0 605	95 508 494	H1 825
12 14 319	H1 656	88 900 731	H1 004	97 127 646	H1 192
12 14 321	H1 125	88 900 732	H1 006	97 143 674	H1 918
12 14 322	H1 091	88 900 734	H1 826	97 357 290	H1 192
12 14 323	H1 125	88 900 735	H1 638	1214074	H1 792
12 14 324	H1 792	88 900 736	H1 002	1214084	H1 090
12 14 334	H1 396	88 900 737	H1 665	1214096	H1 860
12 14 427	H1 810	88 900 739	H0 643	55588475	H1 860
12 14 457	H1 090	88 900 740	H1 052	95508490	H1 792
12 14 459	H1 918	88 900 741	H1 078	12 14 090	H5 025
18 26 357	H1 394	88 900 743	H1 692	4423206	H5 017
34 48 796	H1 216	90 003 450	H1 216	55238404	H5 158
43 00 425	H1 125	90 019 495	H0 610	PERKINS	Hidria
43 00 615	H1 125	90 033 357	H0 610	185 366 190	H1 454
44 02 724	H1 825	90 040 991	H1 006	2666A012	H1 653
44 02 945	H1 709	90 051 950	H0 605	2666A013	H1 653
44 03 145	H1 126	90 093 867	H0 605	2666A016	H5 218
44 06 338	H5 017	90 093 897	H0 605	K 166 AF 01	H1 002
44 09 469	H1 825	90 166 155	H1 002	PEUGEOT	Hidria
44 15 128	H1 432	90 166 155	H1 656	9637469980	H1 737
44 16 912	H1 825	90 210 824	H1 002	9675680980	H5 015
44 18 163	H1 709	90 487 858	H1 792	5414 326	H1 194
44 30 069	H1 977	90 510 924	H1 656	5415 813	H0 611
44 30 920	H1 977	90 540 864	H1 792	5460 556	H1 194
44 51 750	H5 126	90 569 338	H1 090	5477 234	H1 194
45 00 811	H0 903	91 10 724	H1 825	5491 387	H1 194
45 06 155	H1 825	91 109 45	H1 709	5500 842	H1 194
48 02 239	H5 240	91 111 45	H1 126	5932 565 882	H0 611
48 05 511	H5 191	91 153 919	H1 810	5960 12	H1 737
55 18 786 3	H1 816	91 182 01	H1 090	5960 64	H1 992
56 13 680	H0 711	93 171 875	H1 119	5960 65	H1 992
56 14 217	H0 103	93 178 047	H1 859	5960 66	H1 732
56 14 218	H1 004	93 178 411	H1 816	5960 67	H1 732
56 14 220	H1 713	93 180 295	H1 802	5960 68	H5 114
56 14 221	H0 643	93 183 990	H1 091	5960 71	H1 808
88 900 715	H1 739	93 186 027	H1 810	5960 76	H1 944
88 900 716	H1 810	93 189 648	H1 825	5960 79	H1 166
88 900 717	H1 961	93 190 433	H1 802	5960 88	H1 705
88 900 718	H1 143	93 198 468	H5 126	5960 89	H1 705

PEUGEOT	Hidria	PEUGEOT	Hidria	PEUGEOT	Hidria
5960 99	H1 193	5962 J2	H1 052	96165 724	H1 656
5960 A3	H1 815	5962 J3	H1 638	96236 383	H1 732
5960 A4	H1 815	5962 J3	H1 656	96316 589 80	H5 114
5960 E6	H1 368	5962 J4	H1 656	96332 143 80	H1 086
5960 E7	H5 150	5962 J4	H1 826	9637469 980	H1 737
5960 E9	H1 737	5962 J5	H1 004	96389 858	H1 732
5960 F4	H1 992	5962 J6	H1 002	96865 043 80	H1 368
5960 F5	H1 732	5962 J7	H1 053	96879 578 80	H1 369
5960 F6	H5 114	5962 K5	H1 002	98090 881 80	H5 254
5960 F9	H1 166	5962 R8	H1 656	98732 565 492	H0 811
5960 G2	H1 705	5962 S8	H1 656	HG 262 1	H0 611
5960 G6	H1 193	5962 T1	H1 052	MKP 000 065	H1 826
5960 G7	H1 087	5962 T2	H1 984	MKP 000 65	H1 656
5960 H6	H1 693	5962 T3	H0 643	MKP 000 70	H0 103
5960 K4	H1 815	5962 T7	H1 665	MKP 000 71	H1 053
5960 K6	H1 368	5962 W3	H5 114	5960F8	H1 944
5960 L1	H1 369	5962 X1	H1 826	POCLAIN	Hidria
5960 L4	H5 025	7549 232 5	H1 194	0 004 15 06	H0 504
5961 05	H0 611	7563 225 100	H0 811	PORSCHE	Hidria
5961 18	H0 811	7932 565 492	H0 811	955 170 320 90	H1 339
5961 22	H0 611	7932 565 563	H0 811	95817032090	H1 339
5961 22	H0 611	7932 565 882	H0 611	95817032091	H1 339
5961 35	H0 611	7932 567 619	H0 611	PUCH	Hidria
5961 39	H1 002	7932 567 718	H0 605	000 159 61 01	H0 103
5961 40	H0 605	9 633 214 380	H1 086	159 61 01	H0 103
5961 53	H1 002	9 633 214 380	H1 086	RENAULT	Hidria
5961 54	H1 656	9150 860 280	H1 002	08 54 997 100	H0 611
5961 54	H1 826	9150 861 080	H1 002	11065 1492R	H5 017
5961 57	H1 002	9152 184 980	H1 002	11065 1749R	H5 017
5961 58	H0 605	9153 664 680	H1 002	11065 8697R	H1 392
5961 95	H5 098	95 493 206	H1 656	50 00 270 881	H0 591
5962 03	H1 086	95 534 788	H0 605	50 00 274 232	H0 568
5962 1P	H1 693	95 943 206	H1 826	50 00 590 058	H0 591
5962 1Q	H1 693	9549 320 6	H1 656	50 01 001 587	H0 605
5962 1Z	H1 053	9553 478 8	H0 605	50 01 829 283	H0 611
5962 2Y	H5 114	9553 478 8	H1 656	60 01 545 515	H1 709
5962 35	H1 002	9594 320 6	H1 826	77 00 029 762	H1 826
5962 35	H1 002	96 009 783	H1 656	77 00 100 558	H1 709
5962 3C	H1 732	96 076 258	H1 656	77 00 100 586	H1 089
5962 3E	H1 732	96 141 678	H1 656	77 00 100 635	H1 922
5962 3H	H1 086	96 165 724	H1 656	77 00 103 674	H1 977
5962 3J	H1 086	96 236 383	H1 732	77 00 105 290	H1 159
5962 4Z	H1 808	96 316 589 80	H5 114	77 00 111 323	H1 825
5962 74	H1 002	96 374 699 80	H1 737	77 00 111 940	H1 922
5962 74	H1 002	96 389 858	H1 732	77 00 662 199	H0 605
5962 7A	H1 086	9600 978 3	H1 126	77 00 673 874	H1 656
5962 7F	H1 732	9600 978 3	H1 656	77 00 673 874	H1 826
5962 7G	H1 732	9600 978 3	H1 126	77 00 701 130	H1 656
5962 7Z	H1 984	9607 625 8	H1 656	77 00 701 130	H1 826
5962 C7	H0 611	9614 167 8	H1 656	77 00 704 185	H1 656

RENAULT	Hidria
77 00 715 768	H1 656
77 00 715 768	H1 826
77 00 733 076	H1 826
77 00 734 956	H1 052
77 00 741 144	H1 656
77 00 741 144	H1 826
77 00 854 538	H1 984
77 00 855 865	H1 656
77 00 856 238	H1 656
77 00 856 292	H1 984
77 00 858 208	H1 824
77 00 860 796	H1 824
77 00 861 906	H1 089
77 00 867 002	H1 159
77 00 867 617	H1 098
77 00 874 336	H1 159
77 01 029 762	H1 826
77 01 035 956	H0 615
77 01 039 387	H1 656
77 01 039 387	H1 086
77 01 040 208	H1 126
77 01 052 949	H1 192
77 01 057 806	H1 192
77 01 058 142	H1 432
77 01 069 730	H1 825
77 01 069 731	H1 656
77 01 349 475	H1 656
77 01 349 943	H1 656
77 01 349 949	H1 984
77 01 414 072	H1 002
77 01 414 076	H0 605
77 01 414 077	H1 053
77 01 414 077	H1 657
77 01 414 078	H1 006
77 01 414 079	H1 004
77 01 414 080	H1 002
77 01 414 081	H1 665
77 01 414 083	H1 638
77 01 414 084	H1 005
77 01 414 086	H1 002
77 01 414 088	H1 053
77 01 414 088	H1 657
77 01 414 089	H1 638
77 01 414 089	H1 656
77 01 414 107	H1 078
77 01 414 108	H1 792
77 01 414 123	H1 656
77 01 414 157	H1 078
77 01 414 162	H1 656
79 32 563 970	H0 611

RENAULT	Hidria
79 32 563 970	H1 656
79 32 567 717	H1 656
82 00 012 099	H1 977
82 00 090 817	H1 656
82 00 421 091	H1 659
82 00 423 224	H1 709
82 00 423 227	H1 709
82 00 434 855	H1 825
82 00 445 627	H1 977
82 00 464 077	H1 825
82 00 490 950	H1 825
82 00 517 313	H1 977
82 00 561 251	H5 126
82 00 565 976	H1 113
82 00 682 592	H1 392
82 00 787 721	H1 922
82 00 794 920	H1 393
86 71 004 016	H1 053
86 71 004 018	H1 656
110650819R	H5 017
5001848095	H1 808
7701058142	H1 432
U190034	H1 113
ROVER	Hidria
ERC 8450	H0 605
ERR 4084	H1 426
ERR 6066	H1 120
ETC 8847	H1 795
LR 013275	H5 150
NCC 100050	H1 824
NCC 100120	H1 119
NCC 100120 L	H1 119
NCC10001	H1 656
NCC100080	H1 121
SAAB	Hidria
93 178 047	H1 396
93 191 771	H1 396
97 35 729 0	H1 192
93 178 411	H1 816
93 180 295	H1 802
5954839	H1 192
SAME	Hidria
276590130	H0 584
SAVIEM	Hidria
50 00 270 881	H0 591
79 32 563 970	H0 611
85 49 971 00	H0 611
SCANIA	Hidria
389847	H0 591

SEAT	Hidria
000 394 0685	H0 605
N 105 792 01	H1 121
N 105 792 02	H1 121
N 105 798 02	H1 993
SE 138 919 000 A	H0 605
X 039 655 020	H1 002
059963319M	H1 339
N10591608	H1 127
N10579805	H5 122
SMART (MCC)	Hidria
000 4562 V003 000 000	H1 658
001 159 46 10	H1 123
660 159 02 01	H1 658
660 159 04 01	H5 185
A 001 159 46 01	H1 123
A 001 159 46 10	H1 123
A 660 159 04 01	H5 185
MN960296	H1 123
Q0004562V003	H1 658
SSANGYONG	Hidria
664 159 00 01	H1 124
664 159 01 01	H1 124
665 159 00 01	H1 124
665 159 01 01	H1 124
667 159 00 01	H5 232
A 664 159 00 01	H1 124
A 664 159 01 01	H1 124
A 665 159 00 01	H1 124
A 665 159 01 01	H1 124
A 671 159 01 01	H5 194
6651590201	H1 124
0011590001	H1 078
66115931A1	H1 079
STEYR	Hidria
001 159 46 10	H1 123
A 001 159 46 10	H1 123
A 660 159 04 01	H5 185
660 159 04 01	H5 185
SUBARU	Hidria
1985033020	H5 181
22439AA000	H1 411
22439 AA010	H1 478
SUZUKI	Hidria
09900 HDI01	H1 732
18550 78E00	H1 789
18550 78E10	H1 789
18550 78E11	H1 789
18550 80KA0 000	H1 393
18550-67G00	H1 992
18550-67G11	H1 992

SUZUKI	Hidria	SUZUKI	Hidria	VW	Hidria
18550-79J50	H5 020	19850-68010	H1 790	03L 963 319	H1 339
18550-79J50 000	H5 020	19850-68020	H1 755	03L 963 319 C	H1 339
18550-79J81	H1 396	19850-68030	H1 594	03L 963 319 A	H1 339
18550-79J81 000	H1 396	19850-68060	H1 213	04L 963 319 B	H1 339
18550-84A51-000	H1 825	19850-87309	H1 594	059 963 319	H1 961
8200 464 007	H1 659	SU 001-00351	H1 731	059 963 319 A	H1 961
18550-79J81-000	H1 396	SU 001-00671	H1 737	059 963 319 C	H1 339
09900F8Q01000	H1 992	19850-WA020	H5 210	059 963 319 E	H1 339
1855067G10	H1 992	SU00100714	H1 731	059 963 319 F	H1 339
1855084E50000	H1 859	VAUXHALL	Hidria	059 963 319 H	H1 961
TALBOT	Hidria	94133759	H1 807	059 963 319 J	H1 339
91 507 715 80	H1 002	94140115	H1 807	059 963 319 M	H1 339
91 507 719 80	H1 002	94175158	H1 807	059 963 319 S	H1 339
TOYOTA	Hidria	12 14 045	H1 091	060 963 319 F	H1 339
19850-0L010	H1 446	12 14 322	H1 091	062 905 061	H1 200
19850-0R010	H1 430	12 14 334	H1 396	062 905 061 A	H1 201
19850-0R020	H1 430	90 033 357	H0 605	068 905 061	H1 053
19850-0R022	H1 430	90 093 897	H0 605	251 963 319 D	H0 207
19850-0W010	H1 144	90 210 824	H1 002	251 963 319 E	H0 205
19850-26010	H1 430	93 198 468	H5 126	N 019 081 1	H1 053
19850-26020	H1 430	93 198 739	H5 126	N 019 081 1	H1 657
19850-26021	H1 430	VM MOTORI	Hidria	N 019 081 2	H1 053
19850-26022	H1 430	46 07 2007F	H1 207	N 019 081 2	H1 657
19850-27010	H1 145	46 07 2012F	H1 398	N 019 081 4	H1 053
19850-30010	H1 446	46 07 2016F	H1 396	N 019 081 4	H1 657
19850-33020	H5 181	46 07 2017F	H1 398	N 019 097 1	H1 053
19850-45030	H1 597	46 072 002 F	H1 731	N 019 097 1	H1 657
19850-45031	H1 597	VOLVO	Hidria	N 019 100 01	H1 053
19850-54010	H1 667	8653880	H5 018	N 019 100 1	H1 657
19850-54030	H1 597	30777311	H5 213	N 019 100 2	H1 053
19850-54031	H1 597	31216248	H1 166	N 019 100 2	H1 657
19850-54050	H1 605	1 257 141	H1 053	N 019 100 5	H1 053
19850-54070	H1 809	1 257 141	H1 657	N 019 100 5	H1 657
19850-54071	H1 809	1 257 889	H1 053	N 019 100 6	H1 053
19850-54090	H1 667	1 257 889	H1 657	N 019 100 6	H1 657
19850-54120	H1 667	1 542 319	H1 005	N 101 401 01	H1 659
19850-54130	H1 451	1 542 411	H1 005	N 101 401 02	H1 659
19850-54140	H1 667	3 072 506 9	H1 992	N 101 401 03	H1 659
19850-54150	H1 667	3 086 269 0	H1 089	N 101 401 04	H1 659
19850-56021	H1 594	3 121 624 8	H1 737	N 101 401 05	H1 659
19850-56022	H1 594	8 406 43	H0 605	N 102 130 01	H1 053
19850-58010	H1 755	8 631 607	H1 944	N 102 130 01	H1 657
19850-64010	H1 512	8 653 698	H1 992	N 102 130 02	H1 053
19850-64020	H1 711	8 706 80	H0 611	N 102 130 02	H1 657
19850-64030	H1 919	8 708 46	H0 611	N 103 021 01	H1 458
19850-64031	H1 919	8 708 46	H0 611	N 103 021 02	H1 458
19850-64031 B	H1 919	1275498	H1 659	N 105 792 01	H1 121
19850-64050	H1 919	30711106	H1 737	N 105 792 02	H1 121
19850-67020	H1 449	30725678	H1 368	N 105 798 02	H1 993
19850-67030	H1 449	30816732	H1 984	N 105 798 03	H5 122

VW	Hidria
N 105 798 05	H5 122
N 105 916 02	H1 127
N 105 916 03	H1 127
N 105 916 04	H5 199

VW	Hidria
N 105 916 07	H5 193
N 105 916 08	H5 199
J1985054090	H1 667

WEBASTO	Hidria
122 793	H0 208
157 915	H0 208
462 799	H0 205
479 594	H0 205

CODE	SHORT CODE	APPLICATION
13 721 957	H1 957	Deutz
13 725 181	H5 181	Toyota, Subaru
13 725 185	H5 185	Smart
13 725 221	H5 221	Mercedes-Benz
13 725 222	H5 222	Mercedes-Benz
13 725 240	H5 240	Opel, Vauxhall
13 725 243	H5 243	Lombardini
13 725 244	H5 244	Lombardini
13 725 247	H5 247	Mitsubishi

Introduction of Short Codes:

13 720 **605** → **H0 605**

13 721 **127** → **H1 127**

13 725 **100** → **H5 100**

13 728 **120** → **H8 120**

OE	OE CODE	HIDRIA OE	HIDRIA IAM	APPLICATION
RENAULT	82 00 682 592 / 110658697R	11 721 403	H1 392	Renault K9K 1.5dCi (Captur, Fluence, Grand Scenic III, Kangoo, Megane III, ScenicIII, Twingo II)
DACIA	82 00 682 592	11 721 403	H1 392	Dacia K9K 1.5dCi (Duster, Logan, Sandero)
NISSAN	11065 00Q0E	11 721 403	H1 392	Nissan K9K 1.5dCi (Cube, Juke, Note, Qashqai)
MERCEDES-BENZ	A4151590001	11 721 403	H1 392	MB A-Class(W176), B-Class (W246), CITAN Combi, CLA Coupe (C117)
FIAT	55238404	11 721 431	H5 158	FIAT, GM 1.3D Multijet
GM	55238404	11 721 431	H5 158	FIAT, GM 1.3D Multijet
AUDI	04L.963.319.B	11 721 414	H1 339	Audi A1, A3, A4, A5, A6, A7, A8, Q3, Q5, Q7, TT
PORSCHE	04L.963.319.B	11 721 414	H1 339	Cayenne, Macan, Panamera
ŠKODA	04L.963.319.B	11 721 414	H1 339	Kodiaq, Octavia, Rapid, Roomster, Superb, Yeti
SEAT	04L.963.319.B	11 721 414	H1 339	Alhambra, Altea, Ateca, Exeo, Ibiza, Leon, Toledo
VOLSWAGEN	04L.963.319.B	11 721 414	H1 339	Amarok, Beetle, CC, Caddy, Crafter, Eos, Golf, Jetta, Multivan, Passat, Polo, Sharan, Tiguan, Touareg, Touran, Transporter
CITROEN	5960 A4	11 721 818 (818)	H1 815	Citroën Jumper 3.0 Hdi
FIAT	500351992	11 721 818 (818)	H1 815	FIAT Ducato 2.3 & 3.0D Multijet
IVECO	27600323	11 721 818 (818)	H1 815	IVECO Daily 2.3 & 3.0D Multijet
IVECO	500351992	11 721 818 (818)	H1 815	IVECO Daily 2.3 & 3.0D Multijet
PEUGEOT	5960 A3	11 721 818 (818)	H1 815	Peugeot Boxer 3.0 Hdi
PEUGEOT	5960 A4	11 721 818 (818)	H1 815	Peugeot Boxer 3.0 Hdi
PEUGEOT	5960 K4	11 721 818 (818)	H1 815	Peugeot Boxer 3.0 Hdi
PEUGEOT	9809088180	11 725 166	H5 254	Peugeot 3008 1.5 BlueHdi
CITROEN	5960 E6	11 721 968 (968)	H1 368	Berlingo, C3 II, C4 Aircross, C4 Grand Picasso, C4II, C4 Picasso, C5 III, DS3, DS4, DS5, Jumpy
CITROEN	5960 K6	11 721 968 (968)	H1 368	Berlingo, C3 II, C4 Aircross, C4 Grand Picasso, C4II, C4 Picasso, C5 III, DS3, DS4, DS5, Jumpy
CITROEN	96 865 043 80	11 721 968 (968)	H1 368	Berlingo, C3 II, C4 Aircross, C4 Grand Picasso, C4II, C4 Picasso, C5 III, DS3, DS4, DS5, Jumpy
CITROEN	96 831 952 80	11 721 968 (968)	H1 368	Berlingo, C3 II, C4 Aircross, C4 Grand Picasso, C4II, C4 Picasso, C5 III, DS3, DS4, DS5, Jumpy
FORD	1 682 276	11 721 968 (968)	H1 368	B-MAX, C-MAX II, FOCUS III, GALAXY, GRAND C-MAX, KUGA I, MONDEO IV, S-MAX
FORD	AV 2Q 6M090 BA	11 721 968 (968)	H1 368	B-MAX, C-MAX II, FOCUS III, GALAXY, GRAND C-MAX, KUGA I, MONDEO IV, S-MAX
FORD	AV 6Q 6M090 BA	11 721 968 (968)	H1 368	B-MAX, C-MAX II, FOCUS III, GALAXY, GRAND C-MAX, KUGA I, MONDEO IV, S-MAX
PEUGEOT	5960 E6	11 721 968 (968)	H1 368	P207, P208, P3008, P308, P407, P4008, P5008, P508, P807, Expert, RCZ
PEUGEOT	96865 043 80	11 721 968 (968)	H1 368	P207, P208, P3008, P308, P407, P4008, P5008, P508, P807, Expert, RCZ
PSA	5960 L1	11 721 988 (988)	H1 369	PSA DW12C, 2.2 HDi, C-Crosser
PSA	96 879578 80	11 721 988 (988)	H1 369	PSA DW12C, 2.2 HDi, C-Crosser
FORD	BG9Q 6M090 BA	11 721 988 (988)	H1 369	FORD DW12C, 2.2 TDCi
JAGUAR	JDE13601	11 721 988 (988)	H1 369	Jaguar
LAND ROVER	LR22300	11 721 988 (988)	H1 369	Range Rover Evoque 2.2 eD4 / TD4 / SD4
CITROEN	5960 64	11 721 708 (708)	H1 992	C4, C5 I, C5 II, C5 III, C8, Jumper, Jumpy - engine DW10B, 2.0 Hdi
CITROEN	5960 65	11 721 708 (708)	H1 992	C4, C5 I, C5 II, C5 III, C8, Jumper, Jumpy - engine DW10B, 2.0 Hdi

OE	OE CODE	HIDRIA OE	HIDRIA IAM	APPLICATION
CITROEN	5960 F4	11 721 708 (708)	H1 992	C4, C5 I, C5 II, C5 III, C8, Jumper, Jumpy - engine DW10B, 2.0 Hdi
FIAT / LANCIA	9651583680	11 721 708 (708)	H1 992	Phedra, Scudo, Ulysse - engine 2.0 D Multijet / engine 2.0 JTD / engine 2.2 JTD
FORD	1 313 809	11 721 708 (708)	H1 992	C-MAX, Focus C-MAX, Focus II, Galaxy, Kuga I, Mondeo IV, S-MAX - engine 2.0 TDCi
FORD	1 473 356	11 721 708 (708)	H1 992	C-MAX, Focus C-MAX, Focus II, Galaxy, Kuga I, Mondeo IV, S-MAX - engine 2.0 TDCi
FORD	3M5Q 6M090AB	11 721 708 (708)	H1 992	C-MAX, Focus C-MAX, Focus II, Galaxy, Kuga I, Mondeo IV, S-MAX - engine 2.0 TDCi
FORD	3M5Q 6M090AC	11 721 708 (708)	H1 992	C-MAX, Focus C-MAX, Focus II, Galaxy, Kuga I, Mondeo IV, S-MAX - engine 2.0 TDCi
PEUGEOT	5960 64	11 721 708 (708)	H1 992	P307, P308, P406, P407, P508, P607, P807, Boxer, Expert -engine DW10B, 2.0 Hdi
PEUGEOT	5960 65	11 721 708 (708)	H1 992	P307, P308, P406, P407, P508, P607, P807, Boxer, Expert -engine DW10B, 2.0 Hdi
PEUGEOT	5960 F4	11 721 708 (708)	H1 992	P307, P308, P406, P407, P508, P607, P807, Boxer, Expert -engine DW10B, 2.0 Hdi
SUZUKI	18550-67G11	11 721 708 (708)	H1 992	Suzuki Grand Vitara I 2.0 Hdi
VOLVO	30 72 506 9	11 721 708 (708)	H1 992	Volvo C30, C70 II, S40 II, S80 II, V50, V70 III, 2.0D
VOLVO	86 53 698	11 721 708 (708)	H1 992	Volvo C30, C70 II, S40 II, S80 II, V50, V70 III, 2.0D
DEUTZ	0119 9746 EC	11 720 502	H0 502	
DEUTZ	0118 0433 EC	11 720 544	H0 544	
DEUTZ	0118 0432 EC	11 720 545	H0 545	
DEUTZ	0118 0430 EC	11 720 547	H0 547	
DEUTZ	0118 1148 EC	11 720 548	H0 548	
DEUTZ	0118 2241 EC	11 720 567	H0 567	
DEUTZ	0117 1687 EZ	11 720 638	H0 638	
DEUTZ	0117 1687 EZ	11 720 639	H0 639	
DEUTZ	0118 2095	11 720 721	H0 721	
DEUTZ	0118 2096	11 720 722	H0 722	
DEUTZ	0118 2264 EZ	11 721 651	H1 651	
DEUTZ	0118 2265 EZ	11 721 652	H1 652	
DEUTZ	0411 5780	11 721 956	H1 956	
DEUTZ	0412 6512	11 721 957	H1 957	
DEUTZ	0412 6524	11 721 970	H1 970	
DEUTZ	0118 1174	11 722 412	H2 412	
DEUTZ	0117 9366 ED	11 728 106	H8 106	
DEUTZ	0117 9367 ED	11 728 206	H8 206	
MAN	51.25902-0081	11 728 409 (28409)	H8 410	MAN

PS/HP	kW	kW	PS/HP
1	0.736	1	1.360
30	22.065	20	27.192
35	25.742	25	33.991
40	29.420	30	40.789
45	33.097	35	47.587
50	36.775	40	54.385
55	40.452	45	61.183
60	44.130	50	67.981
65	47.807	55	74.779
70	51.458	60	81.577
75	55.162	65	88.375
80	58.840	70	95.173
85	62.517	75	101.972
90	66.195	80	108.770
95	69.872	85	115.568
100	73.550	90	122.366
105	77.227	95	129.162
110	80.905	100	135.962
115	84.582	105	142.760
120	88.260	110	149.558
125	91.937	115	156.356
130	95.615	120	163.154
135	99.292	125	169.953
140	102.970	130	176.751
145	106.647	135	183.549
150	110.325	140	190.347
155	114.002	145	197.145
160	117.680	150	203.943
165	121.357	155	210.741
170	125.035	160	217.539
175	128.712	165	224.337
180	132.390	170	231.135
185	136.745	175	237.934
190	139.745	180	244.732
195	143.422	185	251.530
200	147.100	190	258.328
205	150.777	195	265.126
210	154.455	200	271.924
215	158.132	205	278.722
220	161.810	210	285.520
225	165.487	215	292.318
230	169.165	220	299.116
235	172.842	225	305.915
240	176.520	230	312.713
245	180.197	235	319.511
250	183.875	240	326.309
255	187.552	245	333.107
260	191.230	250	339.905
265	194.907	255	346.703
270	198.585	260	353.501
275	202.263	265	360.299

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