

Lucas



PREMIUM DIESEL GLOW PLUGS 2009

BUJÍAS DE PRECALIENTAMIENTO PARA MOTORES DIESEL

CANDELETTE PER MOTORI DIESEL DI ALTA QUALITA'

PREMIUM DIESEL GLÜKERZEN

BOUGIES DE PRECHAUFFAGE DIESEL DE QUALITE SUPERIEURE



- Over 2500 applications
- European & Asian programmes
- 100% factory tested
- Complete buyers' guide

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DIESEL

Premium quality from a world famous name

PREMIUM QUALITY FROM A WORLD FAMOUS NAME

Good glow plugs are vital to the smooth, efficient starting of modern high performance diesel engines.

For complete reliability, the plugs need to reach the required starting temperature quickly, time after time, without compromising on their durability.

Lucas has responded to the technology requirements of modern, precision engineered diesel engines by offering only glow plugs that match the exacting standards of Original Equipment parts, so by buying Lucas glow plugs, you will know that you can rely on the highest performance, all of the time.

Our plugs feature dual coil technology, for faster heating times and increased plug life. They are made in one of the most technically sophisticated manufacturing plants in Europe and are 100% factory tested so you can be sure that if it's in our range, excellent performance is ensured.

Our range of glow plugs covers over 2000 applications for European and Japanese vehicles, including many of the newest vehicles on the road.

The Lucas Premium Glow Plug range is exclusively distributed in Europe by FAI Automotive plc.



Unas buenas bujías incandescentes son vitales para un suave y eficaz arranque de los modernos motores diesel de alto rendimiento.

Para una completa fiabilidad, las bujías incandescentes deben alcanzar rápidamente la temperatura de arranque requerida, una y otra vez, sin hacer concesiones sobre su durabilidad.

Lucas ha respondido a los requisitos tecnológicos de los modernos motores diesel diseñados con precisión, ofreciendo solo bujías incandescentes que correspondan a los exigentes estándares de piezas Original Equipment, por lo que al comprar las bujías incandescentes Lucas, sabrá que puede confiar en el mayor rendimiento, todo el tiempo.

Nuestras bujías presentan tecnología de bobina doble, para un tiempo de calentamiento más rápido y aumentar la vida de la bujía. Están hechas en una de las plantas de fabricación más sofisticadas tecnológicamente de Europa y han sido probadas al 100% en la fábrica, por lo que podemos estar seguros de que si están en nuestra gama, su excelente rendimiento está asegurado.

Nuestra gama de bujías incandescentes cubre más de 2000 aplicaciones para vehículos europeos y japoneses, incluidos muchos de los vehículos más nuevos en las carreteras.

La gama Lucas de bujías Incandescentes es distribuida exclusivamente en Europa por FAI Automotive plc.

Candele ad incandescenza di qualità sono essenziali per un avviamento scorrevole ed efficiente dei moderni motori diesel ad alta prestazione.

Per garantire la massima affidabilità, le candele devono essere sempre in grado di raggiungere velocemente la temperatura richiesta per l'avvio, senza che ciò comprometta la loro durata.

Lucas è in grado di soddisfare i requisiti tecnologici dei moderni motori diesel di alta precisione grazie all'offerta di candele ad incandescenza conformi ai severi standard dei componenti OE. Acquistando le candele ad incandescenza Lucas, si ha la sicurezza di un prodotto che offre sempre la massima prestazione.

Le nostre candele vantano la tecnologia a doppia bobina che garantisce un riscaldamento più veloce e una maggiore durata della candela. Esse sono prodotte in uno degli stabilimenti più all'avanguardia dell'Europa e sono totalmente ispezionate all'interno dello stabilimento stesso; in questo modo si ha la sicurezza di un prodotto che fornisce prestazioni eccellenti.

La nostra gamma di candele ad incandescenza comprende oltre 2000 applicazioni per veicoli europei e giapponesi, inclusi molti dei veicoli di recente produzione.

La gamma Lucas Premium Glow Plug è distribuita in Europa esclusivamente da FAI Automotive plc.

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Gute Glühkerzen sind für das ruhige und effiziente Starten moderner Hochleistungsdieselmotoren unerlässlich.

Für eine entsprechende Ausfallsicherheit müssen die Glühkerzen die erforderliche Starttemperatur jedes Mal schnell erreichen, ohne dass dadurch Ihre Lebensdauer beeinflusst wird.

Lucas hat die Antwort auf die technischen Anforderungen moderner Präzisionsdieselmotoren, denn in seinem Angebot gibt es ausschließlich Glühkerzen, die den hohen Standards von Originalteilen entsprechen. Wenn Sie Glühkerzen von Lucas kaufen, wissen Sie, dass Ihnen jederzeit höchste Performance geboten wird.

Unsere Glühkerzen unterstützen die Doppelspulenteknologie für schnelles Aufheizen und lange Lebensdauer der Kerzen. Sie werden in einer der technisch anspruchvollsten Fertigungsstätten Europas hergestellt und sind zu 100% werksgetestet, so dass Sie sicher sein können, dass Glühkerzen aus unserem Angebot eine exzellente Performance bieten.

Unser Angebot an Glühkerzen deckt mehr als 2.000 Applikationen bei europäischen und japanischen Fahrzeugen ab, inklusive vieler brandneuer Fahrzeuge, die Sie heute auf der Straße sehen.

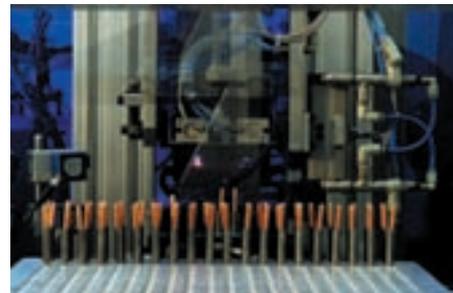
Die Serie der Lucas Premiumglühkerzen wird in Europa exklusiv über FAI Automotive plc vertrieben.

Pour que les moteurs diesel à haute performance démarrent efficacement et en douceur, il est vital qu'ils comportent de bonnes bougies de préchauffage.

Pour qu'elles soient entièrement fiables, les bougies doivent atteindre rapidement la température nécessaire, démarrage après démarrage, sans que leur durée de vie soit compromise.

Lucas a répondu aux exigences technologiques des moteurs diesel modernes à ingénierie de précision, en n'offrant que des bougies capables de faire face aux normes précises des pièces de l'équipement d'origine. Ainsi, lorsque vous achèterez des bougies de préchauffage Lucas, vous saurez que vous pouvez compter sur la meilleure performance, en permanence.

Nos bougies présentent la technologie à double serpentin, pour des durées plus courtes de préchauffage et un allongement de la durée de vie des bougies. Elles sont produites dans l'une des usines de



production les plus sophistiquées en Europe, et sont testées à 100 % en usine, afin de vous donner la certitude que, si elles sont dans notre gamme, elles offrent une garantie de performance excellente.

Notre gamme de bougies de préchauffage couvre plus de 2000 applications pour des véhicules européens et japonais et notamment les véhicules en circulation les plus récents.

En Europe, la gamme des bougies Premium (de luxe) Lucas est distribuée exclusivement par FAI Automotive plc.

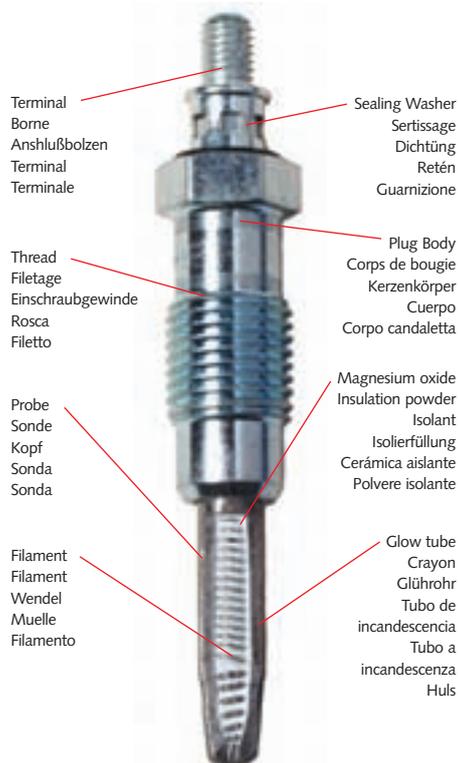


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MANUFACTURED IN EUROPE TO THE HIGHEST QUALITY



Los avances en la tecnología diesel han llevado al desarrollo del Filamento de Caldeo de Doble Bobina. Está formado por un de caldeo que mantiene su resistencia eléctrica en la gama de temperaturas a la que está sometida la bujía. Una segunda bobina va soldada con láser al extremo del filamento de caldeo. Esto aumenta la resistencia de la bujía, garantizando que la bujía no se recalienta.

Esta tecnología permite que la bujía continúe calentando durante unos tres minutos después del encendido. Esto reduce la emisión de contaminantes y el nivel de ruido a tasas inferiores. También protege contra las variaciones de voltaje generadas por el alternador.

Las bujías de doble bobina alcanzan 850°C en unos 6-7 segundos, llegan hasta los 1050°C, y entonces se estabilizan en la fase post calentamiento por debajo de los 1000°C.

I progressi nella tecnologia dei motori diesel hanno portato allo sviluppo del Filamento di Riscaldamento a Doppia Bobina: esso è costituito da una bobina di riscaldamento che mantiene la resistenza elettrica oltre la gamma delle temperature a cui la candela è sottoposta. Una seconda bobina di regolazione è saldata al laser sull'estremità della bobina di riscaldamento. Questa caratteristica incrementa la resistenza della candela, evitando così che essa si surriscaldi.

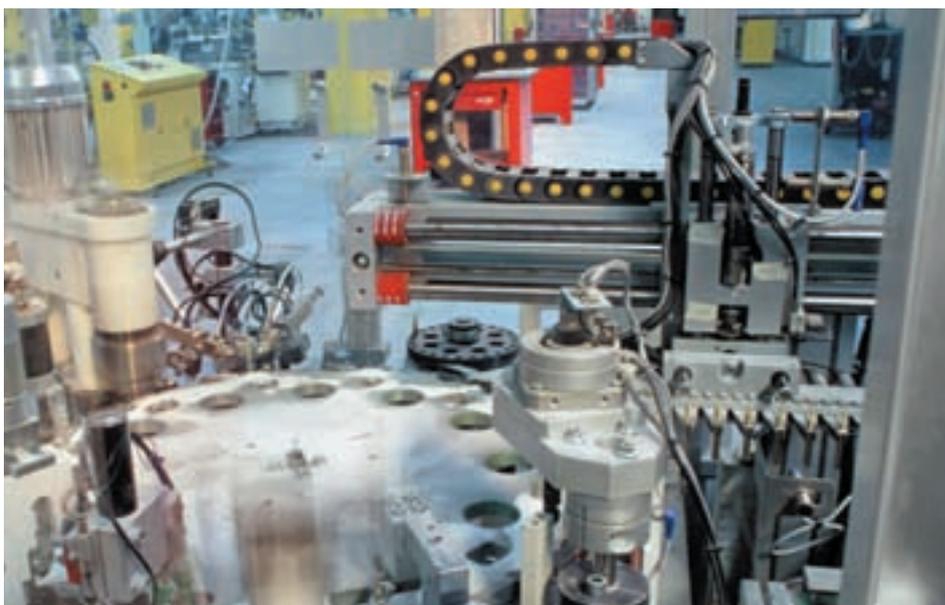
Questa tecnologia permette alla candela di continuare a riscaldare fino a tre minuti dopo l'accensione. In questo modo le emissioni inquinanti sono ridotte e i livelli di rumorosità si abbassano. Essa offre inoltre una protezione dalle fluttuazioni di tensione generate dall'alternatore.

Le candele a doppia bobina raggiungono 850°C in circa 6-7 secondi, arrivano fino a 1050°C, stabilizzandosi poi sotto 1000°C nella fase di post-riscaldamento.

Advances in diesel technology have led to the development of the Dual Coil Heating Filament. This is made up of a heating coil that maintains its electrical resistance over the range of temperatures the plug is subjected to. A second regulating coil is laser welded onto the end of the heating coil. This increases the resistance of the plug, ensuring the plug does not overheat.

This technology allows the plug to continue heating for up to three minutes after ignition. This reduces polluting emissions and noise levels at low rates. This also protects against voltage variations generated by the alternator.

Dual Coil plugs reach 850°C in about 6-7 seconds, go up to 1050°C, then stabilise in the post heating phase as below 1000°C.



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Fortschritte in der Dieseldesign haben zur Entwicklung des Doppelpulven-Glühdrahts geführt. Dieser besteht aus einem Glühdraht, der seinen elektronischen Widerstand über den gesamten Temperaturbereich der Kerze beibehält. Ein zweiter regulierender Draht ist an das Ende des Glühdrahts per Laser angeschweißt. Dadurch wird der Widerstand der Kerze erhöht, so dass die Kerze nicht überhitzt.

Mit dieser Technologie kann die Kerze bis zu drei Minuten nach der Zündung glühen. Dadurch werden Umweltverschmutzung und Geräuschpegel niedrig gehalten. Zudem schützt dies vor Spannungsschwankungen, die durch die Lichtmaschine erzeugt werden.

Doppeldraht-Glühkerzen erreichen 850°C in 6-7 Sekunden. Dann heizen sie bis auf 1.050°C auf und stabilisieren sich in der Nachglühphase unter 1.000°C.

Les avancées de la technologie diesel ont conduit à la mise au point du filament de préchauffage à double serpentin. Celui-ci se compose d'un serpentin de préchauffage qui maintient sa résistance électrique sur toute la plage de températures auxquelles la bougie est soumise. Un second serpentin de régulation est soudé par laser sur l'extrémité du serpentin de préchauffage. Ceci accroît la résistance de la bougie, garantissant que cette dernière n'est pas soumise à une surchauffe.

Cette technologie permet à la bougie de continuer à chauffer pendant un maximum de trois minutes après l'allumage. Ceci réduit les émissions de polluants et les niveaux de bruit à faible régime. En outre, ceci protège contre les variations de tension générées par l'alternateur.

Les bougies à double serpentin atteignent 850°C en 6 à 7 secondes, montent jusqu'à 1050°C, puis se stabilisent au cours de la phase suivant le préchauffage à une température inférieure à 1000°C.



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INTRO	1 - 4
TRANSLATIONS KEY TO NOTES	6 - 8
FAULT DIAGNOSIS GUIDE	9 - 10
SPECIFICATIONS	11 - 12
APPLICATIONS	
ALFA ROMEO	13 - 14
ALPINA	14
ASIA MOTORS	14
AUDI	14 - 17
BMW	17 - 18
CHRYSLER	18
CITROEN	18 - 21
DACIA	21
DAEWOO (SSANGYONG)	21
DAIHATSU	21
FIAT	21 - 24
FORD	24 - 26
FSO	26
HONDA	26
HYUNDAI	26 - 27
ISUZU	27 - 28
IVECO	28
JAGUAR	28
JEEP	28
KIA	28
LADA	29
LANCIA	29
LANDROVER	29 - 30
LEXUS	30
LEYLAND-DAF / LDV	30
LONDON TAXIS INTERNATIONAL	30
MAZDA	30
MCC SMART	31
MERCEDES	31 - 35
MG ROVER	35

MINI	35
MITSUBISHI	35 - 36
NISSAN	36 - 37
OPEL	37 - 39
PEUGEOT	40 - 41
RENAULT	42 - 44
ROVER GROUP	44 - 45
SAAB	45
SEAT	45 - 48
SKODA	48
SUZUKI	48 - 49
TALBOT	49
TOYOTA	49 - 50
VAUXHALL	50 - 52
VOLKSWAGEN	53 - 59
VOLVO	60
BUYERS GUIDE	61 - 97
PICTURE GUIDE	98 - 113
CROSS REFERENCES	114 - 119
STOP SOLENOIDS	120

ENGLISH
ESPAÑOL
ITALIANO
DEUTSCH
FRANÇAIS

A Overall length
 Longitud total
 Lunghezza complessiva
 Gesamtlänge
 Longueur d'ensemble

B Probe Length
 Longitud del carentador de bujía
 Lunghezza sonda
 Sondenlänge
 Longueur de la sonde

C Thread Details
 Características del hilo
 Dettagli fillettatura
 Gewindedetail
 Détails des fils

D Hexagon Nut
 Turca hexagonal
 Dado esagonale
 Sechskantmutter
 Écrou hexagonal

V Voltage
 Tensión
 Tensione
 Spannung
 Tension

→ **To / from engine numbers**
 a/ de los números de motor
 numeri motore a / da
 bis / ab Motornummern
 à / de numéros de moteur

1 Radiator water heating
 Calentamiento del agua del radiador
 Riscaldamento con radiatore ad acqua
 Kühlerwasserheizung
 Radiateur de chauffage à eau

2 Warning – care should be taken in selecting the correct voltage
 Advertencia – seleccionar la tensión correcta con precaución
 Avvertenza – attenzione alla selezione della tensione corretta!
 Warnung – bei der Auswahl der korrekten Spannung ist Vorsicht geboten
 Avertissement: Faites prevue de prudence en sélectionnant la tension correcte

3 For 12 Volt System
 Para un sistema de 12 voltios
 Per un impianto a 12 Volt
 Für 12-Volt-Anlage
 Pour les systèmes 12 volts

4 For 24 Volt system

Para un sistema de 24 voltios
 Per un impianto a 24 Volt
 Für 24-Volt-Anlage
 Pour les systèmes 24 volts

5 *Euro 1 & Euro 2 Refers to European Emission legislation which effects engine design

* Euro 1 y Euro 2 se refieren a la legislación europea sobre emisiones que afecta al diseño del motor
 *Euro 1 e. Euro 2 si riferiscono alla legislazione europea sulle emissioni di cui il modello di motore deve tener conto
 *Euro 1 u Euro 2 bezieht sich auf die das Motordesign beeinflussende europäischen ABgasgesetze
 *Euro 1 & Euro 2 font reference à la législation européenne relative aux émissions qui affecte la conception des moteurs

6 with immobiliser

con immobilizador
 con immobilizzatore
 mit Wegfahrsperre
 avec dispositif antidémarrage

7 without immobiliser

sin immobilizador
 senza immobilizzatore
 ohne Wegfahrsperre
 sans dispositif antidémarrage

8 Quick Glow System

Sistema de encendido rápido (Quick Glow)
 Sistema Quick Glow
 Schnellglühsystem (Quick Glow)
 Système Quick Glow

9 Quick Glow System 2

Sistema de encendido rápido 2 (Quick Glow 2)
 Sistema Quick Glow 2
 Schnellglühsystem 2 (Quick Glow 2)
 Système Quick Glow 2

10 Warning – check vehicle voltage

Adevertencia – comprobar la tensión del vehículo
 Avvertenza – controllare la tensione del veicolo
 Warnung – Fahrzeugspannung prüfen
 Avertissement : vérifiez la tension du véhicule

11 cyls 1, 2, & 3 only

cilindros 1, 2 y 3 solamente
 unicamente cicli 1, 2 e 3
 Nur Zyl. 1, 2 u. 3
 cyls 1, 2, & 3 uniquement

12 Cyls 4, 5, & 6 only

cilindros 4, 5, y 6 solamente
 unicamente cicli 4, 5 e 6
 Nur Zyl. 4, 5 u. 6
 cyls 4, 5, & 6 uniquement

13 Quick Glow System 1

Sistema de encendido rápido 1 (Quick Glow 1)
 Sistema Quick Glow 1
 Schnellglühsystem 1 (Quick Glow 1)
 Système Quick Glow 1

14 Non European engines only

Sólo para motores no europeos
 Solo motori non europei
 Nur außereuropäische Motoren
 Uniquement les moteurs non européens

◇ **New Application**
 Nueva Aplicaciones
 Nuova Applicazioni
 Neu Anmelden
 Nouvelle Applications

◆ **New To Range**
 Nuevo al rango
 Nuovo a gamma
 Neues Angebot
 Nouveau à l'intervalle

SPECIFICATIONS
 ESPECIFICACIONES
 SPECIFICHE
 SPEZIFIKATIONEN
 SPÉCIFICATIONS

TRANSLATIONS/ KEY NOTES
 TRADUCCIONES/ CLAVE PARA LAS NOTAS
 TRADUZIONI/ LEGENDA
 ÜBERSETZUNGEN / ANMERKUNGS-SCHLÜSSEL
 TRADUCTIONS / LÉGENDES

FAULT DIAGNOSIS GUIDE
 GUÍA PARA DIAGNÓSTICO DE FALLOS
 GUIDA ALLA DIAGNOSTICA ERRORE
 FEHLERSUCHE-ANLEITUNG
 GUIDE DE DIAGNOSTIC DES PANNES

APPLICATIONS
 APLICACIONES
 APPLICAZIONI
 ANWENDUNGEN
 APPLICATIONS

BUYERS GUIDE
 GUÍA DEL COMPRADOR
 GUIDA DELL'ACQUIRENTE
 KÄUFERANLEITUNG
 GUIDE DE L'ACHETEUR

PICTURE GUIDE
 GUÍA DE ILUSTRACIONES
 GUIDA ILLUSTRATA
 ILLUSTRIERTE ANLEITUNG
 GUIDE ILLUSTRÉ

CROSS REFERENCES
 CORRESPONDENCIAS
 RIFERIMENTI INCROCIATI
 QUERVERWEISE
 RENVOIS

NOTES
 NOTAS
 NOTE
 ANMERKUNGEN
 NOTES

PROBLEM

POSSIBLE CAUSE

RECOMMENDED ACTION

PROBLÈME
PROBLEM
PROBLEMA
PROBLEMA

CAUSE ÉVENTUELLE
MÖGLICHE URSACHE
CAUSA POSSIBLE
CAUSA POSSIBILE

MESURE RECOMMANDÉE
EMPFOHLENE MASSNAHME
ACCIÓN RECOMENDADA
INTERVENTO CONSIGLIATO

Cut off probe.



Sonda cortada.

La sonda si è spezzata.

Abgetrennte sonde.

Sonde détachée.

Fuel has come into contact with the probe. Oil on the probe

El combustible ha entrado en contacto con la sonda. Aceite en la sonda.

Il carburante è venuto a contatto con la sonda. Tracce d'olio sulla sonda.

Kraftstoff ist mit der sonde in kontakt gekommen. Öl auf der sonde.

Le carburant est entré en contact avec la sonde. Huile sur la sonde.

Inspect injectors. Clean or replace as necessary. Check engine oil level

Inspeccione los inyectores. Limpie o cambie según sea necesario. Compruebe el nivel de aceite de motor.

Verificare gli iniettori. Pulirli od eventualmente sostituirli. Controllare il livello dell'olio del motore.

Einspritzdüsen prüfen. Nach Bedarf reinigen oder austauschen. Motorölstand prüfen.

Inspecter les injecteurs. Les nettoyer ou les remplacer, le cas échéant. Contrôler le niveau d'huile moteur.

Probe discolored



Sonda decolorada.

Scolorimento della sonda.

Sonde verfärbt.

Sonde décolorée.

Coolant present in the combustion chamber.

Hay refrigerante presente en la cámara de combustión.

Presenza di refrigerante nella camera di combustione.

Kühlmittel in brennkammer vorhanden.

Liquide de refroidissement présent dans la chambre de combustion.

Inspect cylinder head and gasket. Replace as necessary.

Inspeccione la culata. Cambie según sea necesario.

Verificare la testata e la guarnizione.

Zylindderkopf und -dichtung prüfen. Nach Bedarf austauschen.

Inspecter la culasse et le joint de culasse. Les remplacer, le cas échéant.

Swollen probe.



Sonda hinchada

Rigonfiamento della sonda.

Angeschwollene sonde.

Sonde gonflée

Voltage overload. Dampness.

Sobrecarga de voltaje. Humedad.

Presenza di tensione eccessiva. Presenza di umidità

Spannungsüberlast. Feuchte.

Surtension. Humidité.

Investigate timer relay. Replace as necessary. Check storage facility.

Investigue el relé de distribución. Cambie según sea necesario. Compruebe el medio de almacenaje.

Verificare il funzionamento del relè del timer ed eventualmente sostituirlo. Verificare la sede in cui viene riposta la sonda.

Zeitschalterrelais untersuchen. Nach Bedarf austauschen. Prüfeinrichtung prüfen.

Examiner le relais de temporisation. Le remplacer, les cas échéant. Vérifier l'emplacement du stockage.

Electrical connection snapped off.



Se ha separado la conexión eléctrica por rotura.

Distacco del collegamento elettrico.

Elektrische Verbindung abgerissen.

Connexion électrique rompue.

Incorrect torque applied.

Se ha aplicado el par incorrecto.

Applicazione della coppia errata.

Falsches Drehmoment angewendet.

Application d'un couple incorrect.

Refer to recommended torque settings.

Consulte los valores de par recomendados.

Controllare i valori di coppia consigliati.

Siehe die empfohlenen Drehmomenteinstellungen.

Se référer aux chiffres du couple de serrage recommandés.

Broken glow plug.



Bujía incandescente partida

Candela rotta.

Gebrochene Glühkerze.

Bougie de postchauffage brisée.

Incorrect tool used.

Se ha aplicado el par incorrecto.

Utilizzo dell'arnese errato.

Falsches Werkzeug verwendet.

Utilisation du mauvais outil.

Use correct tool.

Utilice la herramienta correcta.

Utilizzare l'arnese corretto.

Korrektes Werkzeug verwenden.

Utiliser l'outil approprié.

Probe surface melted



Superficie de sonda fundida.

Superficie della sonda fusa.

Sondenoberfläche geschmolzen.

Surface de sonde fondue.

Overheating

Sobrecalentamiento.

Surriscaldamento.

Überhitzung.

Surchauffe.

Check ignition system. Investigate timer relay. Replace as necessary.

Compruebe el sistema de encendido. Investigue el relé de distribución. Cambie según sea necesario.

Verificare l'impianto di accensione. Verificare il relè del timer ed eventualmente sostituirlo.

Züdanlage prüfen. Zeitschalterrelais prüfen. Nach Bedarf austauschen.

Vérifier le système d'allumage. Examiner le relais de temporisation. Le remplacer, le cas échéant.

Carbon deposits at the base of the probe.



Depósito de carbono en la base de la sonda.

Formazione di carbonio en la base de la sonda.

Kohlenstoffablagerungen unten an der sonde.

Dépôts de calamine à la base de la sonde.

Excess oil.

Exceso de aceite.

Presenza di una quantità eccessiva d'olio

Überschüssiges Öl.

Excédent d'huile.

Check piston rings and valve stem seals. Replace as necessary.

Compruebe los segmentos y los retenes de los vástagos de válvulas. Cambie según sea necesario.

Verificare le fasce elastiche e le guarnizioni di tenuta dello stelo delle valvole ed eventualmente sostituirle.

Kolbenringe und Ventilschaftdichtungen prüfen. Nach Bedarf austauschen.

Vérifier les segments de piston et les joints d'étanchéité des queues de soupape. Les remplacer, le cas échéant.

	Voltage	Length	Probe	Thread	Hex Nut
LP001	11V	74	28	M12 x 1.25	12mm
LP002	5V	87	24	M10 x 1.25	12mm
LP003	5V	81	18	M10 x 1.25	12mm
LP004	11V	81	24.5	M10 x 1.00	10mm
LP005	11V	67	20	M12 x 1.25	12mm
LP006	0.9V	87.5	27.4	M18 x 1.50	21mm
LP007	1.7V	110	20	M14 x 1.25	17mm
LP008	7V	97.2	28	M10 x 1.25	12mm
LP009	11V	97.2	28	M10 x 1.25	12mm
LP010	12V	88	22	M10 x 1.25	12mm
LP011	6.5V	60.5	20	M12 x 1.25	12mm
LP012	11V	69	19	M10 x 1.25	12mm
LP013	11V	88	21.5	M10 x 1.25	12mm
LP014	23V	69	19	M10 x 1.25	12mm
LP015	7V	92	32	M10 x 1.25	12mm
LP016	8.5V	97.2	28	M10 x 1.25	12mm
LP017	14V	97	28	M10 x 1.25	12mm
LP018	10.5V	97.2	28	M10 x 1.25	12mm
LP019	23V	97	28	M10 x 1.25	12mm
LP020	11.5V	71	24.5	M12 x 1.25	12mm
LP021	11.5V	68	22	M12 x 1.25	12mm
LP022	11V	59.5	20	M12 x 1.25	12mm
LP023	11V	96	19	M10 x 1.25	12mm
LP024	11.5V	124	26.5	M10 x 1.00	10mm
LP025	11V	82	19	M10 x 1.25	12mm
LP026	11V	61	20	M12 x 1.25	12mm
LP027	11V	90.5	24	M10 x 1.00	10mm
LP028	11V	136	25	M12 x 1.25	12mm
LP029	11V	87	24	M10 x 1.25	12mm
LP030	24V	65	17	M10 x 1.25	12mm
LP031	6.5V	90	21	M10 x 1.25	12mm
LP032	11V	84	19	M10 x 1.25	12mm
LP033	11V	71	24.5	M12 x 1.25	12mm
LP034	11V	71	24.5	M12 x 1.25	12mm
LP035	11V	71	24.5	M12 x 1.25	12mm
LP036	11V	71	24.5	M12 x 1.25	12mm
LP037	11V	89	29	M10 x 1.00	10mm
LP038	11V	71	24.5	M12 x 1.25	12mm
LP039	11.5V	119	27.5	M12 x 1.25	12mm
LP040	11.5V	117	27.5	M12 x 1.25	12mm
LP041	11V	85	24	M10 x 1.00	10mm
LP042	11V	67	25	M12 x 1.25	12mm
LP043	11V	95.5	29	M10 x 1.00	10mm
LP044	6V	88	22	M10 x 1.25	12mm
LP045	11.5V	86.5	27	M12 x 1.25	12mm
LP046	12V	72	20	M12 x 1.25	12mm
LP047	11V	118	33.4	M10 x 1.00	10mm
LP048	11V	64	17.5	M12 x 1.25	12mm
LP049	11V	124	28.5	M10 x 1.25	10mm
LP050	11V	92	24.5	M10 x 1.25	10mm
LP051	11V	105.5	27.3	M10 x 1.25	10mm
LP052	11V	95.5	24	M10 x 1.00	10mm
LP053	11V	106.5	32.5	M10 x 1.00	10mm
LP054	11V	133.5	28.5	M10 x 1.00	10mm
LP055	11V	129	27	M10 x 1.00	10mm
LP056	12V	125	34.5	M10 x 1.00	10mm
LP057	11V	128	29.8	M10 x 1.00	10mm
LP058	11V	77.5	25	M10 x 1.00	10mm
LP059	11V	133.5	28.5	M10 x 1.00	10mm
LP060	10V	92	24.5	M10 x 1.25	10mm
LP061	11.5V	120	39.6	M10 x 1.00	10mm
LP062	11V	98	24.5	M10 x 1.25	10mm
LP063	12V	81	29	M12 x 1.25	12mm
LP064	12V	69	27.5	M12 x 1.25	12mm

12 SPECIFICATIONS

	Voltage	Length	Probe	Thread	Hex Nut
LP065	11V	86	17.5	M10 x 1.25	12mm
LP066	11V	84.5	24	M10 x 1.00	10mm
LP067	11V	81	19.5	M10 x 1.25	12mm
LP068	11V	161	35	M10 x 1.25	12mm
LP069	11V	76.5	20	M12 x 1.25	12mm
LP070	11V	88	22	M10 x 1.25	12mm
LP071	11V	66	15.5	M12 x 1.25	12mm
LP072	11V	102	24	M10 x 1.00	10mm
LP073	11V	88.5	24	M10 x 1.00	10mm
LP074	11V	145	35	M10 x 1.00	10mm
LP075	11V	150.5	24	M10 x 1.00	10mm
LP076	11V	144	24	M10 x 1.25	12mm
LP077	11V	135	30	M10 x 1.00	10mm
LP078	11V	140	24	M10 x 1.25	12mm
LP079	11V	81	16	M10 x 1.25	12mm
LP080	11V	120	27.5	M8 x 1.00	8mm
LP081	11V	90	32	M10 x 1.25	12mm
LP082	11V	89	21	M10 x 1.25	12mm
LP083	11V	128	30.2	M10 x 1.00	10mm
LP084	11V	212	23	M10 x 1.25	12mm
LP085	11V	180	20.5	M10 x 1.25	12mm
LP086	11V	111	29	M10 x 1.00	10mm
LP087	5V	96.5	29	M10 x 1.00	10mm
LP088	4.4V	117	29.5	M8 x 1.00	8mm
LP089	5V	106	32	M10 x 1.00	10mm
LP090	5V	133.5	28.5	M10 x 1.00	10mm
LP091	5V	133	30	M10 x 1.00	10mm
LP092	4.4V	127	24.5	M10 x 1.00	10mm
LP093	11V	152	39.5	M8 x 1.00	8mm
LP094	11V	160	35.5	M10 x 1.25	10mm
LP095	11V	126.5	24.5	M8 x 1.00	8mm
LP096	11V	95.5	28.5	M10 x 1.00	10mm
LP097	11.5V	130	26	M10 x 1.00	10mm
LP098	11V	119	27.5	M8 x 1.00	8mm
LP099	11V	129.5	25.5	M10 x 1.00	10mm
LP100	11V	126	24.5	M8 x 1.00	8mm
LP101	11V	153	29	M9 x 1.00	9mm
LP102	11V	106.5	24.5	M10 x 1.00	10mm
LP103	11.5V	149	26	M10 x 1.00	8mm
LP104	11V	170	35	M10x1.25	12mm
LP105	7V	86	22	M10x1.25	12mm
LP106	11V	90.5	33	M10x1.25	12mm
LP107	4.4V	148.5	27	M8x1.0	8mm
LP108	11V	92	41	M20x1.25	21/24mm
LP109	11V	118.4	27.75	M10x1.0	10mm
LP110	11V	124.5	28	M8x1.0	8mm
LP111	11V	151	24.5	M10x1.0	10mm
LP112	11V	140	24	M12x1.25	12mm
LP113	11V	134.5	30	M10x1.25	12mm
LP114	11V	97	28	M8x1.0	8mm
LP115	11V	132	24	M10x1.25	12mm
LP116	11V	84.5	18	M10x1.25	12mm
LP117	11V	179	20.8	M10x1.0	12mm
LP118	11V	75	21	M10x1.25	12mm
LP119	11V	126.5	25	M8x1.0	8mm
LP120	11V	111	28.5	M10x1.0	10mm
LP121	11V	134.5	30	M12x1.25	12mm
LP122	11V	160	30	M12x1.25	12mm
LP123	11V	122	30	M12x1.25	12mm
LP124	11V	180	21.5	M12x1.25	12mm
LP125	11V	160	28	M10x1.25	10mm
LP126	11V	160	28	M10x1.25	10mm
LP127	11V	88.5	23.5	M10x1.00	10mm



ALFA										
6										
2.5 Turbo Diesel		VM 588 HT/HR	2494	5	07/81 ▶	05/86	LP001		11V	
33										
1.8 Turbo Diesel		VM82A, VM96A, HR392HT	1779	3	01/86 ▶	10/94	LP001		11V	
75										
2.0 Turbo Diesel		VM 80A, VM488	1995	4	1985 ▶	02/92	LP001		11V	
2.4 Turbo Diesel		VM 81A	2393	4	1988 ▶	02/92	LP001		11V	
90										
2.4 Turbo Diesel		VM 81A, VM 492 HT	2393	4	10/84 ▶	07/87	LP001		11V	
145										
1.9 JTD Turbo Diesel		AR32302	1910	4	01/98 ▶	01/01	LP052		11V	
		AR32302 1. Radiator water heating	1910	4	01/98 ▶	01/01	LP063		11V	
1.9 Turbo Diesel		160A7, AR67501, M718AT.160	1929	4	04/94 ▶	10/96	LP034		11V	
		160A7, AR67501, M718AT.160	1929	4	11/96 ▶	02/99	LP038		11V	
146										
1.9 JTD Turbo Diesel		AR32302	1910	4	01/98 ▶	01/01	LP052		11V	
		AR32302 1. Radiator water heating	1910	4	01/98 ▶	01/01	LP063		11V	
1.9 Turbo Diesel		160A7, AR67501, M718AT.160	1929	4	02/95 ▶	10/96	LP034		11V	
		160A7, AR67501, M718AT.160	1929	4	11/96 ▶	02/99	LP038		11V	
		AR33601	1929	4	11/96 ▶	05/98	LP005		11V	
147										
1.9 JTD Turbo Diesel		AR37101, 937A2 110bhp	1910	4	11/00 ▶		LP072		11V	
		AR37101, 937A2 110bhp 1. Radiator water heating	1910	4	11/00 ▶		LP063		11V	
			1910	4	11/02 ▶		LP101		11V	
155										
1.9 Turbo Diesel		160A7, AR 67.501, M718AT.160	1929	4	04/93 ▶	12/97	LP034		11V	
		AR33601	1929	4	05/96 ▶	10/97	LP005		11V	
2.5 Turbo Diesel		VM 425	2499	4	04/93 ▶	05/95	LP034		11V	
		VM 425	2499	4	05/95 ▶	12/97	LP043		11V	
156										
1.9 JTD Turbo Diesel		AR32302	1910	4	02/98 ▶	10/00	LP052		11V	
		AR32302 1. Radiator water heating	1910	4	02/98 ▶	10/00	LP063		11V	
		AR37101	1910	4	09/00 ▶	05/01	LP072		11V	
		AR37101 1. Radiator water heating	1910	4	09/00 ▶	05/01	LP063		11V	
		937A2 110bhp	1910	4	05/01 ▶	09/05	LP072		11V	
		937A2 110bhp 1. Radiator water heating	1910	4	05/01 ▶	09/05	LP063		11V	
			1910	4	11/02 ▶	09/05	LP101		11V	
2.4 JTD Turbo Diesel		AR32501	2387	5	02/98 ▶	10/00	LP052		11V	
		AR32501 1. Radiator water heating	2387	5	02/98 ▶	10/00	LP063		11V	
		839A6000	2387	5	09/00 ▶	09/05	LP072		11V	
		841C000	2387	5	03/02 ▶	09/05	LP072		11V	
			2387	5	10/03 ▶	09/05	LP072		11V	
		1. Radiator water heating	2387	5	10/03 ▶	09/05	LP063		11V	
2.4 Turbo Diesel		M717	2387	5	10/97 ▶	10/00	LP052		11V	
159										
1.9 JTDM	8V	939A7.000 / 939A1.000	1910	4	09/05 ▶		LP072	◇	11V	
	16V	939A8.000 / 939A2.000	1910	4	09/05 ▶		LP101	◇	11V	
2.4 JTDM		939A3.000	2387	5	09/05 ▶		LP101	◇	11V	
2.4 JTDM Q4			2387	5	05/07 ▶		LP101	◇	11V	
164										
2.5 Turbo Diesel		VM 84A	2494	4	1987 ▶	09/92	LP001		11V	
		VM 08B	2498	4	09/92 ▶	05/95	LP034		11V	
		VM 08B	2498	4	05/95 ▶	10/98	LP072		11V	
		VM 425	2499	4	04/93 ▶	05/95	LP034		11V	
		VM 425	2499	4	05/95 ▶	09/98	LP043		11V	
166										
2.4 JTD		AR34202	2387	5	09/98 ▶	10/00	LP052	◇	11V	
		AR34202 1. Radiator water heating	2387	5	09/98 ▶	10/00	LP063	◇	12V	
			2387	5	07/05 ▶		LP101	◇	11V	
			2387	5	07/06 ▶		LP101	◇	11V	
2.4 JTD Turbo Diesel	10V	AR32.501	2387	5	10/98 ▶	11/99	LP052		11V	
		839A6000	2387	5	09/00 ▶		LP072		11V	
		841C000	2387	5	02/08 ▶		LP072		11V	
			2387	5	10/03 ▶		LP101		11V	
ALFETTA										
2.0 Turbo Diesel		VM 4HT/2	1995	4	1979 ▶	03/83	LP001		11V	
2.4 Turbo Diesel		VM 4HT, VM 81A	2393	4	1983 ▶	12/84	LP001		11V	
BRERA										
2.4 JTDM	20V		2387	5	01/06 ▶		LP101	◇	11V	
GIULIETTA										
2.0 Turbo Diesel		VM4HT2	1995	4	1983 ▶	12/85	LP001		11V	

14 LUCAS GLOW PLUGS



ALFA (continued)											
GT											
1.9 JTD Turbo Diesel		937A5.000		1910	4	11/03	▶		LP101		11V
SPIDER											
2.4 JTDM				2387	5	04/07	▶		LP101	◇	11V
ALPINA											
D10											
3.0 D BITURBO				2926	6	09/99	▶		LP054	◇	11V
ASIA MOTORS											
ROCSTA											
2.2 Diesel 4x4				2148	4	06/93	▶		LP105	◆	7V
AUDI											
80											
1.6 Diesel	8V	CR 54bhp		1588	4	1981	▶	08/91	LP022		11V
		CS 50bhp		1588	4	1981	▶	08/91	LP022		11V
		JK 54bhp		1588	4	08/82	▶	08/91	LP022		11V
1.6 Turbo Diesel	8V	RA 80bhp		1588	4	1981	▶	08/91	LP022		11V
		CY 70bhp		1588	4	1981	▶	08/91	LP022		11V
		SB 80bhp		1586	4	1981	▶	08/91	LP022		11V
1.9 Diesel	8V	1Y 64bhp		1896	4	09/89	▶	08/91	LP022		11V
1.9 TDi Turbo Diesel	8V	1Z 90bhp		1896	4	10/91	▶	12/94	LP027		11V
		1Z 90bhp	1. Radiator water heating x 1	1896	4	10/91	▶	12/94	LP022		11V
		1Z 90bhp	1. Radiator water heating x 3	1896	4	10/91	▶	12/94	LP046		11V
1.9 Turbo Diesel	8V	AAZ 75bhp		1896	4	9/89	▶	12/94	LP022		11V
90											
1.6 Diesel		JK 54bhp		1588	4	1984	▶	07/91	LP022		11V
1.6 Turbo Diesel		CY 70bhp		1588	4	1984	▶	07/91	LP022		11V
		SB 80bhp		1588	4	1984	▶	07/91	LP022		11V
		RA 80bhp		1588	4	1984	▶	07/91	LP022		11V
100											
2.0 Diesel		CN 70bhp		1986	5	1978	▶	11/90	LP022		11V
2.0 Turbo Diesel		NC 102bhp		1986	5	1978	▶	11/90	LP022		11V
		DE 90bhp		1986	5	1978	▶	11/90	LP022		11V
2.4 Diesel	10V	3D 82bhp		2371	5	08/89	▶	05/94	LP022		11V
		AAS 82bhp		2370	5	08/89	▶	05/94	LP022		11V
2.5 TDi Turbo Diesel	10V	ABP 115bhp		2461	5	06/91	▶	06/94	LP027		11V
		AAT 115bhp		2461	5	06/91	▶	06/94	LP027		11V
100 AVANT											
2.0 Turbo Diesel		NC 102bhp		1986	5	08/82	▶	11/90	LP022		11V
		DE 90bhp		1986	5	08/82	▶	11/90	LP022		11V
2.5 TDi Turbo Diesel		1T 120bhp		2461	5	04/90	▶	11/90	LP027		11V
A2											
1.2 TDi Turbo Diesel		ANY 61bhp		1191	3	03/01	▶	08/05	LP096		12V
1.4 TDi Turbo Diesel		AMF 75bhp PD		1422	3	02/00	▶	08/03	LP096		12V
		AMF 75bhp PD		1422	3	08/00	▶	08/05	LP027		11V
		AMF 75bhp PD		1422	3	09/03	▶	08/05	LP087		5V
		ATL 90bhp		1422	3	11/03	▶	08/05	LP087		5V
A3											
1.9 TDi Turbo Diesel	8V	AGR 90bhp		1896	4	09/96	▶	07/01	LP027		11V
		AGR 90bhp	1. Radiator water heating x 1	1896	4	09/96	▶	07/01	LP022		11V
		AGR 90bhp	1. Radiator water heating x 3	1896	4	09/96	▶	07/01	LP046		11V
		ALH 90bhp		1896	4	09/96	▶	07/01	LP027		11V
		ALH 90bhp	1. Radiator water heating x 1	1896	4	09/96	▶	07/01	LP022		11V
		ALH 90bhp	1. Radiator water heating x 3	1896	4	09/96	▶	07/01	LP046		11V
		AHF 110bhp		1896	4	09/96	▶	07/01	LP027		11V
		AHF 110bhp	1. Radiator water heating x 1	1896	4	09/96	▶	07/01	LP022		11V
		AHF 110bhp	1. Radiator water heating x 3	1896	4	09/96	▶	07/01	LP046		11V
		ASV 110bhp		1896	4	08/97	▶	07/01	LP027		11V
		ASV 110bhp	1. Radiator water heating x 1	1896	4	08/97	▶	07/01	LP022		11V
		ASV 110bhp	1. Radiator water heating x 3	1896	4	08/97	▶	07/01	LP046		11V
		BKC 105bhp		1896	4	05/03	▶		LP087		5V
		ATD 100bhp		1896	4	10/00	▶	05/03	LP027		11V
		ATD 100bhp	1. Radiator water heating x 1	1896	4	10/00	▶	05/03	LP022		11V
		ATD 100bhp	1. Radiator water heating x 3	1896	4	10/00	▶	05/03	LP046		11V
		AXR 100bhp		1896	4	10/00	▶	05/03	LP027		11V
		AXR 100bhp	1. Radiator water heating x 1	1896	4	10/00	▶	05/03	LP022		11V
		AXR 100bhp	1. Radiator water heating x 3	1896	4	10/00	▶	05/03	LP046		11V
		ASZ 130bhp PD		1896	4	08/00	▶	05/03	LP027	◇	12V
		ASZ 130bhp PD	1. Radiator water heating x 3	1896	4	08/00	▶	05/03	LP022	◇	11V



AUDI (continued)

A3 (continued)

1.9 TDi Turbo Diesel		ASZ 130bhp PD	1. Radiator water heating x 3	1896	4	08/00	▶	05/03	LP046	◇	12V
		ASZ 130bhp PD	1. Radiator water heating x 3	1896	4	06/03	▶		LP096	◇	11V
2.0 TDi Turbo Diesel		BMM 140bhp		1968	4	06/05	▶		LP087	◇	5V
		BMN 170bhp		1968	4	03/06	▶		LP088	◇	4.4V
		AZV 136bhp		1986	4	05/03	▶		LP088		4.4V
		BKD 140bhp		1986	4	05/03	▶		LP088		4.4V

A3 CONVERTIBLE

1.9TDi Turbo Diesel		BKC 105bhp From engine nr 70251 ->		1896	4	09/04	▶		LP087	◇	5V
2.0 TDi Turbo Diesel				1968	4	04/08	▶		LP088	◇	4.4V

A3 QUATTRO

1.9 TDi Turbo Diesel		ASZ 130bhp PD		1896	4	06/03	▶		LP096		12V
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A3 SPORTBACK

1.9TDi Turbo Diesel				1896	4	04/08	▶		LP087	◇	5V
2.0 TDi Turbo Diesel		AZV 136bhp		1968	4	09/04	▶		LP088	◇	4.4V
		BMM 140bhp		1968	4	06/05	▶		LP087	◇	5V
	16V	BKD 140bhp		1968	4	09/04	▶		LP088	◇	4.4V
		BMN 170bhp		1968	4	03/06	▶		LP088	◇	4.4V

A4

1.9 TDi Turbo Diesel		AFN 110bhp		1896	4	11/94	▶	11/00	LP027		11V
		AFN 110bhp	1. Radiator water heating x 1	1896	4	11/94	▶	11/00	LP022		11V
		AFN 110bhp	1. Radiator water heating x 3	1896	4	11/94	▶	11/00	LP046		11V
		AVG 110bhp		1896	4	09/96	▶	11/00	LP027		11V
		AVG 110bhp	1. Radiator water heating x 1	1896	4	09/96	▶	11/00	LP022		11V
		AVG 110bhp	1. Radiator water heating x 3	1896	4	09/96	▶	11/00	LP046		11V
		AVB 100bhp		1896	4	05/01	▶	12/04	LP027		11V
	8V	AHU 90bhp		1896	4	11/94	▶	11/00	LP027		11V
	8V	AHU 90bhp	1. Radiator water heating x 1	1896	4	08/96	▶	12/98	LP022		11V
	8V	AHU 90bhp	1. Radiator water heating x 3	1896	4	08/96	▶	12/98	LP046		11V
	8V	1Z 90bhp		1896	4	01/95	▶	11/00	LP027		11V
	8V	1Z 90bhp	1. Radiator water heating x 1	1896	4	01/95	▶	11/00	LP022		11V
	8V	1Z 90bhp	1. Radiator water heating x 3	1896	4	01/95	▶	11/00	LP046		11V
	8V	AFF 75bhp		1896	4	1996	▶	11/00	LP027		11V
	8V	AHH 90bhp		1896	4	1997	▶	11/00	LP027		11V
	8V	AHH 90bhp	1. Radiator water heating x 1	1896	4	1999	▶	11/00	LP022		11V
	8V	AHH 90bhp	1. Radiator water heating x 3	1896	4	1999	▶	11/00	LP046		11V
		AJM 115bhp PD		1896	4	08/98	▶	11/00	LP027		11V
		AJM 115bhp PD	1. Radiator water heating x 1	1896	4	08/98	▶	11/00	LP022		11V
		AJM 115bhp PD	1. Radiator water heating x 3	1896	4	08/98	▶	11/00	LP046		11V
		ATJ 115bhp PD		1896	4	08/98	▶	11/00	LP027		11V
		ATJ 115bhp PD	1. Radiator water heating x 1	1896	4	08/98	▶	11/00	LP022		11V
		ATJ 115bhp PD	1. Radiator water heating x 3	1896	4	08/98	▶	11/00	LP046		11V
	8V	AFF 75bhp	1. Radiator water heating	1896	4	1999	▶	11/00	LP022		11V
		AWX 130bhp PD		1896	4	09/01	▶	12/04	LP027		11V
		AWX 130bhp PD	1. Radiator water heating x 1	1896	4	09/01	▶	12/04	LP022		11V
		AWX 130bhp PD	1. Radiator water heating x 3	1896	4	09/01	▶	12/04	LP046		11V
		BKE 116bhp From engine nr 70251->		1896	4	11/04	▶		LP087	◇	5V
		AVF 130bhp		1896	4	11/01	▶	12/04	LP027	◇	12V
		AVF 130bhp	1. Radiator water heating x 3	1896	4	11/01	▶	12/04	LP022	◇	11V
	AVF 130bhp	1. Radiator water heating x 3	1896	4	11/01	▶	12/04	LP046	◇	12V	
2.0 TDi Turbo Diesel		BNA 136bhp		1968	4	11/04	▶		LP088	◇	4.4V
		BPW 140bhp		1968	4	11/04	▶		LP087	◇	5V
		BLB 140bhp		1968	4	11/04	▶		LP088	◇	4.4V
		BRE 140bhp		1968	4	11/04	▶		LP088	◇	4.4V
		BRD 170bhp		1968	4	06/06	▶		LP088	◇	4.4V
		CAGA 143bhp		1968	4	11/07	▶		LP088	◇	4.4V
2.5 TDi Turbo Diesel	24V	AFB 150bhp		2496	V6	1998	▶	11/00	LP056		11V
	24V	AKN 150bhp		2496	V6	1998	▶	11/00	LP056		11V
		AYM 155bhp		2496	V6	9/01	▶	07/02	LP056		11V
		BCZ 163bhp		2496	V6	7/02	▶		LP056		11V
		BDG 163bhp		2496	V6	7/02	▶		LP056		11V
		BFC 163bhp		2496	V6	7/02	▶		LP056		11V
2.7 TDi Turbo Diesel		CAM 190bhp		2698	6	11/07	▶		LP092	◇	4.4V
3.0 TDi Turbo Diesel		CAP 240bhp		2967	6	11/07	▶		LP092	◇	4.4V

A4 QUATTRO

1.9 TDi Turbo Diesel		AVF 130bhp PD		1896	4	11/01	▶	12/04	LP027		11V
		AVF 130bhp PD	1. Radiator water heating x 1	1896	4	11/01	▶	12/04	LP022		11V
		AVF 130bhp PD	1. Radiator water heating x 3	1896	4	11/01	▶	12/04	LP046		11V
2.5 TDi Turbo Diesel	24V	AFB 150bhp		2496	V6	1998	▶	11/00	LP056		11V
	24V	AKN 150bhp		2496	V6	1998	▶	11/00	LP056		11V
	24V	AKE 180bhp		2496	V6	9/01	▶	12/04	LP056		11V

16 LUCAS GLOW PLUGS



AUDI (continued)										
A4 QUATTRO (continued)										
2.5 TDi Turbo Diesel (continued)	24V	BAU 180bhp	2496	V6	9/01	▶	12/04	LP056		11V
	24V	BDH 180bhp	2496	V6	9/01	▶	12/04	LP056		11V
2.7 TDi Turbo Diesel		BPP 180bhp	2698	6	01/06	▶		LP092	◇	4.4V
3.0 TDi Turbo Diesel		BKN 204bhp	2967	6	11/04	▶		LP092	◇	4.4V
		ASB 233bhp	2967	6	01/06	▶		LP092	◇	4.4V
A5										
2.7 TDi Turbo Diesel		CAM 190bhp	2698	6	06/07	▶		LP092	◇	4.4V
3.0 TDi Turbo Diesel		CAP 240bhp	2967	6	06/07	▶		LP092	◇	4.4V
A6										
1.9 TDi Turbo Diesel	8V	AHU 90bhp	1896	4	7/94	▶	02/97	LP027		11V
	8V	AHU 90bhp	1896	4	7/94	▶	02/97	LP022		11V
	8V	AHU 90bhp	1896	4	7/94	▶	02/97	LP046		11V
	8V	1Z 90bhp	1896	4	7/94	▶	02/97	LP027		11V
	8V	1Z 90bhp	1896	4	7/94	▶	02/97	LP022		11V
	8V	1Z 90bhp	1896	4	7/94	▶	02/97	LP046		11V
		AJM 115bhp PD	1896	4	12/95	▶	01/05	LP027		11V
	8V	AJM 115bhp PD	1896	4	12/95	▶	01/05	LP022		11V
	8V	AJM 115bhp PD	1896	4	12/95	▶	01/05	LP046		11V
		AVF 130bhp PD	1896	4	12/95	▶	01/05	LP027		11V
	8V	AVF 130bhp PD	1896	4	12/95	▶	01/05	LP022		11V
	8V	AVF 130bhp PD	1896	4	12/95	▶	01/05	LP046		11V
	8V	AFN 110bhp	1896	4	12/95	▶	01/05	LP027		11V
	8V	AFN 110bhp	1896	4	12/95	▶	01/05	LP022		11V
	8V	AFN 110bhp	1896	4	12/95	▶	01/05	LP046		11V
		AWX 130bhp PD	1896	4	8/01	▶	01/05	LP027		11V
	8V	AWX 130bhp PD	1896	4	8/01	▶	01/05	LP022		11V
8V	AWX 130bhp PD	1896	4	7/01	▶	01/05	LP046		11V	
2.0 TDi Turbo Diesel		BNA 136bhp	1968	4	06/05	▶		LP088	◇	4.4V
		BRF 136bhp	1968	4	06/05	▶		LP088	◇	4.4V
		BLB 140bhp	1968	4	07/04	▶		LP088	◇	4.4V
		BRE 140bhp	1968	4	07/04	▶		LP088	◇	4.4V
2.5 TDi Turbo Diesel	10V	AEL 140bhp	2460	5	6/94	▶	02/97	LP027		11V
	10V	AAT 115bhp	2460	5	6/94	▶	02/97	LP027		11V
	24V	AFB 150bhp	2496	V6	4/97	▶	01/05	LP056		11V
		AKN 150bhp	2496	V6	4/97	▶	01/05	LP056		11V
		AYM 155bhp	2496	V6	9/01	▶	07/02	LP056		11V
		BCZ 163bhp	2496	V6	7/02	▶	01/05	LP056		11V
		BDG 163bhp	2496	V6	7/02	▶	01/05	LP056		11V
		BFC 163bhp	2496	V6	7/02	▶	01/05	LP056		11V
2.7 TDi Turbo Diesel		BSG 163BHP upto engine nr -> 4F-5-028-000	2698	6	11/04	▶		LP056	◇	12V
		BSG 163BHP from engine nr 4F-5-028-001 ->	2698	6	11/04	▶		LP092	◇	4.4V
		BPP 180bhp upto engine nr -> 4F-5-028-000	2698	6	11/04	▶		LP056	◇	12V
		BPP 180bhp from engine nr 4F-5-028-001 ->	2698	6	11/04	▶		LP092	◇	4.4V
3.0 TDi Turbo Diesel		ASB 233bhp upto chassis nr -> 4E-5-003 300	2967	6	06/06	▶		LP056	◇	12V
		ASB 233bhp from chassis nr 4E-5-003 301 ->	2967	6	06/06	▶		LP092	◇	4.4V
A6 ALLROAD										
2.7 TDi Turbo Diesel		BSG 163bhp	2698	6	06/08	▶		LP092	◇	4.4V
		BPP 180bhp upto engine nr ->4F-5-028-000	2698	6	05/06	▶		LP092	◇	4.4V
3.0 TDi Turbo Diesel		BNG 211bhp upto chassis nr ->4E-5-003 300	2967	6	05/06	▶		LP092	◇	12V
		BNG 211bhp from chassis nr 4E-5-003 301->	2967	6	05/06	▶		LP092	◇	4.4V
		ASB 233bhp upto chassis nr ->4E-5-003 300	2967	6	05/06	▶		LP056	◇	12V
		ASB 233bhp from chassis nr 4E-5-003 301->	2967	6	05/06	▶		LP092	◇	4.4V
A6 AVANT										
2.0 TDi Turbo Diesel		BNA/BRF 140bhp	1986	4	06/05	▶		LP088	◇	4.4V
		BRE/BLB upto engine nr ->4B-5-050 000	1986	4	06/05	▶		LP088	◇	4.4V
		BRE/BLB from engine nr 4B-5-050 001 ->	1986	4	06/05	▶		LP096	◇	11V
2.7 TDi Turbo Diesel		BSG upto engine nr ->4F-5-028 000	2698	6	03/05	▶		LP056	◇	12V
		BSG from engine nr 4F-5-028 001 ->	2698	6	03/05	▶		LP092	◇	4.4V
		BPP	2698	6	03/05	▶		LP092	◇	4.4V
3.0 TDi Turbo Diesel		ASB upto chassis nr -.4E-5-003 300	2967	6	06/06	▶		LP056	◇	12V
		ASB from chassis nr 4E-5-003-301 ->	2967	6	06/06	▶		LP092	◇	4.4V
A6 QUATTRO										
2.5 TDi Turbo Diesel	24V	AKE 180bhp	2496	V6	09/01	▶	01/05	LP056		11V
	24V	BAU 180bhp	2496	V6	09/01	▶	01/05	LP056		11V
	24V	BDH 180bhp	2496	V6	09/01	▶	01/05	LP056		11V
2.7 TDi Turbo Diesel		BSG 163BHP	2698	6	06/05	▶		LP092	◇	4.4V
		BPP 180bhp from engine nr 4F-5-028-001 ->	2698	6	11/04	▶		LP092	◇	4.4V
3.0 TDi Turbo Diesel		ASN 220bhp	2976	6	05/04	▶		LP092		4.4V
		BNG 211bhp	2976	6	05/04	▶		LP092		4.4V
		BMK 225bhp	2967	6	05/04	▶		LP092	◇	4.4V



AUDI (continued)

A8										
2.5 TDi Turbo Diesel	24V	AFB 150bhp		2496	V6	06/97 ▶	04/00	LP056		11V
	24V	AKN 150bhp		2496	V6	06/97 ▶	04/00	LP056		11V
	24V	AKE 180bhp		2496	V6	09/00 ▶	09/02	LP056		11V
A8 QUATTRO										
2.5 TDi Turbo Diesel	24V	AKE 180bhp		2496	V6	09/00 ▶	09/02	LP056		11V
3.0 TDi Turbo Diesel		BNG 211bhp F4-5-026 001 ->		2967	6	11/03 ▶		LP092	◇	4.4V
		ASB 233bhp		2967	6	08/03 ▶		LP056	◇	12V
3.3 TDi Turbo Diesel		AKF 224bhp		3296	V8	06/00 ▶	09/02	LP056		11V
4.0 TDi Turbo Diesel		ASE 275bhp		3936	V8	03/03 ▶		LP096		12V
4.2 TDi Turbo Diesel		BMC 320bhp		4134	8	07/05 ▶		LP092	◇	4.4V
		BVN 326bhp		4134	8	07/05 ▶		LP092	◇	4.4V
ALLROAD										
2.5 TDi Turbo Diesel		BCZ 163bhp		2496	V6	05/03 ▶	08/05	LP056		11V
		AKE 180bhp		2496	V6	05/00 ▶	08/05	LP056		11V
		BAU 180bhp		2496	V6	05/00 ▶	08/05	LP056		11V
CABRIOLET										
1.9 TDi Turbo Diesel		1Z/AHU 90bhp		1896	4	06/95 ▶	08/00	LP027	◇	12V
		1Z/AHU 90bhp	1. Radiator water heating x 3					LP022	◇	11V
		1Z/AHU 90bhp	1. Radiator water heating x 3					LP046	◇	12V
Q7										
3.0 TDi Turbo Diesel		BUN 211bhp		2967	6	03/06 ▶		LP092	◇	4.4V
		BUG 233bhp		2967	6	03/06 ▶		LP092	◇	4.4V
4.2 TDi Turbo Diesel		BTR 326bhp		4134	6	03/07 ▶		LP092	◇	4.4V
BMW										
1 SERIES (E87)										
118d		M47N204D4		1995	4	09/04 ▶		LP089		5V
				1995	4	04/07 ▶		LP089		5V
120d		M47N2044D/N47D20A		1995	4	09/04 ▶		LP089		5V
				1995	4	04/07 ▶		LP089		5V
3 SERIES (E30)										
324D		M21-D24W		2443	6	09/85 ▶	08/91	LP033		11V
324TD		M21-D24WA		2443	6	09/87 ▶	06/93	LP035		11V
3 SERIES (E36)										
318TDS		M41D18 (inter)		1665	4	09/94 ▶	02/98	LP035		11V
325TDS		M51D25 (inter)		2498	6	1990 ▶	09/96	LP035		11V
3 SERIES (E46)										
318d		M47204D1		1995	4	04/98 ▶	03/03	LP089		5V
320d	16V	M47-D20/M47204D1		1951	4	04/98 ▶	09/01	LP053		11V
		M47N204D4		1995	4	09/01 ▶	02/05	LP089		5V
330d		M57D30		2926	6	10/99 ▶	02/05	LP053		11V
		M57N306D2		2926	6	03/03 ▶	02/05	LP089		5V
3 SERIES (E90)										
318d		M47N204D4		1995	4	09/05 ▶		LP089	◇	5V
320d		M47N204D4		1995	4	01/05 ▶		LP089	◇	5V
325d				2993	6	09/06 ▶		LP089	◇	5V
330d		M57306D3		2993	6	09/05 ▶		LP089	◇	5V
335d		M57306D3		2993	6	09/06 ▶		LP089	◇	5V
3 SERIES COMPACT (E36)										
318TDS		M41-D18		1665	4	01/95 ▶	08/00	LP035		11V
3 SERIES COMPACT (E46)										
318td		M47N204D4		1995	4	03/03 ▶	02/05	LP089	◇	5V
320d		M47N204D4		1995	4	03/03 ▶	02/05	LP089		5V
		M47N204D4		1995	4	09/01 ▶	02/05	LP053		11V
5 SERIES (E28)										
524D		M21-D24W		2443	6	09/83 ▶	12/87	LP033		11V
524TD		M21-D24WA		2443	6	09/83 ▶	12/87	LP033		11V
5 SERIES (E34)										
524TD		M21-D24WA		2443	6	03/88 ▶	08/91	LP035		11V
525TD		M51-D25WA		2498	6	1992 ▶	12/95	LP035		11V
5 SERIES (E39)										
520TD		M47-D20		1951	4	02/00 ▶	06/03	LP053		11V
525TD		M51-D25WA		2498	6	01/96 ▶	06/03	LP035		11V
530TD		M57-D30		2926	6	08/98 ▶	06/03	LP053		11V
5 SERIES (E60)										
525d		M57N256D4		2497	6	06/04 ▶		LP089		5V
530d		N57306D2		2926	6	07/03 ▶		LP089		5V
535d		M57306D4		2993	6	09/04 ▶		LP089		5V
				2993	6	01/07 ▶		LP089		5V

18 LUCAS GLOW PLUGS



BMW (continued)										
7 SERIES (E38)										
725TDS		M51-D25WA	2498	6	4/96	▶	11/01	LP035		11V
730d		M57-D30	2926	6	8/98	▶	11/01	LP053		11V
740d	32V	M67	3901	V8	1/99	▶	11/01	LP054		11V
7 SERIES (E65/E66)										
730d		N57306D2	2993	6	10/02	▶		LP089		5V
740d		N67398D1	3901	8	10/02	▶		LP090		5V
X3 (E83)										
2.0d		M47N204D4	1995	4	10/04	▶		LP089	◇	5V
3.0d		M57N306D2	2993	6	01/04	▶		LP089		5V
3.0sd			2993	6	09/06	▶		LP089	◇	5V
X5 (E53)										
3.0d		M57D306D1	2926	6	03/01	▶		LP053		11V
		M57N306D4	2993	6	12/03	▶		LP089		5V
CHRYSLER										
300C										
3.0 CRD			2987	6	09/05	▶		LP107	◇	4.4V
GRAND VOYAGER MPV										
2.5 Turbo Diesel		VM HR425	2499	4	04/92	▶	04/95	LP034		11V
		VM HR425	2499	4	05/95	▶		LP043		11V
PT CRUISER										
2.1 Turbo Diesel			2148	4	03/02	▶		LP055		11.5V
VOYAGER MKIII										
2.5CRD		ENC/ENJ	2499	4	02/00	▶		LP099	◇	11V
2.8CRD		ENR	2776	4	06/04	▶		LP099	◇	11V
VOYAGER MPV										
2.5 Turbo Diesel		VM HR425	2499	4	05/95	▶		LP043		11V
		VM HR492	2499	4	04/92	▶	04/95	LP034		11V
		VM HR425	2499	4	04/92	▶	04/95	LP034		11V
		ENC, ENJ	2499	4	02/00	▶		LP099		11V
CITROEN										
AX										
1.4 Diesel		TUD3	1360	4	09/88	▶	06/92	LP005		11V
1.5 Diesel		TUD5	1527	4	1994	▶	12/97	LP037		11V
BERLINGO										
1.6 HDi Turbo Diesel		DV6B	1560	4	07/05	▶		LP110	◆	11V
		DV6AETD	1560	4	07/05	▶		LP110	◆	11V
1.8 Diesel		XUD7	1769	4	07/96	▶	08/98	LP034		11V
		XUD7	1769	4	09/98	▶		LP036		11V
1.9 Diesel	8V	DW8	1868	4	09/98	▶		LP037		11V
2.0 HDi Turbo Diesel		DW10TD	1997	4	07/99	▶		LP051		11V
BERLINGO MULTISPACE										
1.8 Diesel		XUD7	1769	4	07/98	▶		LP036		11V
1.9 Diesel		XUD9	1905	4	07/96	▶	08/98	LP034		11V
		XUD9	1905	4	09/98	▶		LP036		11V
	8V	DW8	1868	4	09/98	▶		LP037		11V
2.0 HDi Turbo Diesel		DW10TD	1997	4	07/99	▶		LP051		11V
BX17										
1.8 Diesel		XUD7	1769	4	03/84	▶	04/95	LP033		11V
1.8 Turbo Diesel		XUD7TE	1769	4	03/84	▶	05/95	LP033		11V
BX19										
1.9 Diesel		XUD9, 9A, 9AL	1905	4	03/84	▶	05/95	LP033		11V
C15D										
1.8 Diesel		XUD7	1769	4	1985	▶	08/98	LP033		11V
		XUD7	1769	4	09/98	▶		LP036		11V
1.9 Diesel			1868	4	12/00	▶		LP037	◇	11V
C25D										
1.9 Diesel		XUD9	1905	4	1988	▶		LP033		11V
1.9 Turbo Diesel		M705	1930	4	04/92	▶	02/94	LP037	◇	11V
2.5 Diesel		U25/651, 661	2500	4	1987	▶		LP033		11V
2.5 Turbo Diesel		U25/673	2500	4	08/87	▶	01/94	LP033		11V
C32D										
2.2 Diesel		B22.615	2175	4	04/79	▶	12/79	LP033		11V
C35D										
2.5 Diesel		CRD93B	2500	4	01/80	▶		LP033		11V
C45D										
2.5 Diesel		CRD93B	2500	4	06/82	▶		LP033		11V



CITROEN (continued)

C1										
1.4 HDi Turbo diesel		DV4D	1398	4	06/05 ▶			LP110	◆	11V
C2										
1.4 HDi Turbo diesel		DV4TD	1398	4	2003 ▶			LP080		11V
C3										
1.4 HDi Turbo diesel	16V	DV4TD	1398	4	2002 ▶			LP080		11V
		DV4TED4	1398	4	2002 ▶			LP080		11V
1.6 HDi Turbo Diesel	16V	DV6TED4	1560	4	10/05 ▶			LP080	◇	11V
	16V		1560	4	09/05 ▶			LP080	◇	11V
C4										
1.6 HDi Turbo Diesel		9HX (DV6ATED4)	1560	4	11/04 ▶	02/06		LP051	◇	11V
		9HZ (DV6ATED4) 9HY (DV6ATED4)	1560	4	11/04 ▶		LP080	◇	11V	
		9HZ (DV6ATED4) 9HY (DV6ATED4)	1560	4	03/06 ▶		LP110	◇	11V	
2.0 HDi Turbo Diesel		RHR (DW10BETD4)	1997	4	11/04 ▶			LP051	◇	11V
C4 GRAND PICASSO										
1.6 HDi Turbo Diesel		9HZ (DV6ATED4) 9HY (DV6ATED4)	1560	4	11/04 ▶			LP051	◇	11V
2.0 HDi Turbo Diesel		RHR (DW10BETD4)	1997	4	11/04 ▶			LP051	◇	11V
C5										
1.6 HDi Turbo Diesel		DV6TED4	1560	4	09/04 ▶			LP080	◇	11V
2.0 HDi Turbo Diesel	16V	DW10ATED	1997	4	04/01 ▶			LP051		11V
		DW10ATED4	1997	4	04/01 ▶			LP051		11V
		DW10BTED4	1997	4	09/04 ▶			LP109	◆	11V
2.2 HDi Turbo Diesel	16V	DW12TED4	2179	4	04/01 ▶			LP051		11V
			2179	4	04/06 ▶			LP114	◆	11V
C6										
2.2 HDi Turbo Diesel			2179	4	06/06 ▶			LP114	◆	11V
2.7 HDi Turbo Diesel		DT17ED4	2720	6	09/05 ▶			LP095	◇	11V
C8										
2.0 HDi Turbo Diesel	16V	DW10ATED4	1997	4	07/02 ▶			LP051		11V
			1997	4	02/07 ▶			LP051	◇	11V
			1997	4	03/06 ▶			LP109	◆	11V
2.2 HDi Turbo Diesel	16V	DW12TED4	2179	4	07/02 ▶			LP051		11V
CX MKI										
2.5 Diesel		M25629	2500	4	1978 ▶	06/82		LP033		11V
CX MKII										
2.5 Diesel		M25 660	2500	4	1985 ▶	12/92		LP033		11V
2.5 Turbo Diesel		M25 671	2500	4	1985 ▶	12/92		LP033		11V
			2500	4	1985 ▶	12/92		LP033		11V
DISPATCH VAN										
1.9 Diesel		XUD9	1905	4	1996 ▶	08/98		LP034		11V
		DW8	1868	4	09/98 ▶			LP037		11V
		XUD9	1905	4	08/98 ▶			LP036		11V
1.9 Turbo Diesel		XUD9TE, F	1905	4	03/94 ▶	08/98		LP034		11V
			1905	4	09/98 ▶			LP036		11V
2.0 HDi Turbo Diesel		DW10ATED	1997	4	09/98 ▶			LP051		11V
EVASION										
1.9 Turbo Diesel		XUD9TE, XUD9TF	1905	4	10/94 ▶	08/98		LP034		11V
			1905	4	09/98 ▶			LP036		11V
2.0 HDi Turbo Diesel		DW10ATED	1997	4	09/89 ▶			LP051		11V
2.1 Turbo Diesel		XUD11BTE	2088	4	05/96 ▶	08/98		LP034		11V
			2088	4	09/98 ▶			LP036		11V
JUMPER										
1.9 Diesel		XUD9, XUD9A	1905	4	02/94 ▶	08/98		LP034		11V
			1905	4	09/98 ▶			LP036		11V
1.9 Turbo Diesel		XUD9ATE, L, Y, TF	1905	4	02/94 ▶	08/98		LP034		11V
2.0 HDi Turbo Diesel		DW10UTD	1997	4	11/01 ▶	04/02		LP051	◇	11V
			1997	4	04/02 ▶			LP051	◇	11V
2.2 HDi Turbo Diesel		DW12TED	2179	4	04/02 ▶			LP051	◇	11V
			2179	4	04/06 ▶			LP074	◇	11V
			2179	4	04/06 ▶			LP074	◇	11V
2.5 Diesel	12V	DJ5	2446	4	02/94 ▶	08/98		LP034		11V
	12V		2446	4	09/98 ▶			LP036		11V
2.5 TDi Turbo Diesel	8V	DJ5TED	2446	4	02/94 ▶	08/96		LP034		11V
	8V		2446	4	09/96 ▶			LP047		11V
2.8 HDi Diesel		F28TDCR	2799	4	09/00 ▶			LP058		11V
			2799	4	05/04 ▶			LP058	◇	11V
JUMPY										
1.6 HDi Turbo Diesel			1560	4	01/07 ▶			LP110	◆	11V
1.9 Diesel	8V	XUD9, XUD9A	1905	4	02/94 ▶			LP034		11V
			1868	4	09/98 ▶			LP037		11V
1.9 Turbo Diesel		XUD9ATE, L, Y, TF	1905	4	02/94 ▶			LP034		11V



CITROEN (continued)

JUMPY (continued)

2.0 HDi Turbo Diesel		DW10TD	1997	4	09/98	▶		LP051		11V
			1997	4	01/07	▶		LP051	◇	11V
			1997	4	01/07	▶		LP051	◇	11V

RELAY

1.9 Diesel		XUD9, XUD9A XUD9, XUD9A	1905	4	09/98	▶		LP036		11V
			1905	4	02/94	▶	08/98	LP034		11V
1.9 Turbo Diesel		XUD9TE XUD9TE	1905	4	09/98	▶		LP036		11V
			1905	4	02/94	▶	08/98	LP034		11V
2.0 HDi Turbo Diesel		DW10TED	1997	4	09/98	▶		LP051		11V
2.5 Diesel		DJ5 DJ5	2446	4	02/94	▶	08/98	LP034		11V
			2446	4	09/98	▶		LP036		11V
2.5 Turbo Diesel		DJ5T DJ5T	2446	4	02/94	▶	08/96	LP034		11V
			2446	4	09/96	▶		LP047		11V
2.8 HDi Diesel		F28TDCR	2799	4	09/00	▶		LP058		11V

SAXO

1.5 Diesel		TUD5 TUD5	1527	4	09/96	▶		LP037		11V
			1527	4	09/96	▶		LP037		11V

SYNERGIE MPV

1.9 Turbo Diesel		XUD9TE, F XUD9TE, F	1905	4	09/98	▶		LP036		11V
			1905	4	10/94	▶	08/98	LP034		11V
2.0 HDi Turbo Diesel	8V	DW10ATED	1997	4	09/98	▶		LP051		11V
2.1 Turbo Diesel		XUD11BTE XUD11BTE	2088	4	09/98	▶		LP036		11V
			2088	4	04/96	▶	08/98	LP034		11V

VISA

1.8 Diesel		161A, XUD7	1769	4	1985	▶	03/91	LP033		11V
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XANTIA

1.9 Diesel		XUD9A, L, Y XUD9 XUD9	1905	4	03/93	▶	01/96	LP033		11V
			1905	4	02/96	▶	08/98	LP034		11V
			1905	4	09/98	▶		LP036		11V
1.9 Turbo Diesel		XUD9A XUD9TF XUD9TF XUD9TE XUD9TE	1905	4	02/96	▶		LP034		11V
			1905	4	03/93	▶	08/98	LP034		11V
			1905	4	09/98	▶		LP036		11V
			1905	4	03/93	▶	08/98	LP034		11V
			1905	4	09/88	▶		LP036		11V
2.0 HDi Turbo Diesel		DW10ATED	1997	4	09/98	▶		LP051		11V
2.1 Turbo Diesel	8V	XUD11BTE XUD11BTE	2088	4	05/95	▶	08/98	LP034		11V
	8V		2088	4	09/98	▶		LP036		11V

XM

2.1 Diesel		XUD11A, L	2138	4	05/89	▶		LP033		11V
2.1 Turbo Diesel	12V	XUD11ATE, BTE XUD11ATE, BTE	2088	4	05/89	▶	08/98	LP034		11V
	12V		2088	4	09/98	▶		LP036		11V
2.5 Turbo Diesel	12V	DK5ATE	2446	4	07/94	▶		LP034		11V

XSARA

1.4 HDi Turbo Diesel		DV4TD	1398	4	2003	▶		LP080		11V
1.5 Diesel		TUD5	1527	4	10/97	▶		LP037		11V
1.8 Diesel		XUD7 XUD7	1769	4	09/97	▶	08/98	LP034		11V
			1769	4	09/98	▶		LP036		11V
1.9 Diesel	8V	XUD9A, L, Y XUD9BSD DW8	1905	4	09/97	▶		LP034		11V
			1905	4	09/98	▶		LP036		11V
			1868	4	04/98	▶		LP037		11V
1.9 Turbo Diesel		XUD9TE/L, Y XUD9TE/L, Y	1905	4	09/97	▶	08/98	LP034		11V
			1905	4	09/98	▶		LP036		11V
2.0 HDi Turbo Diesel		DW10ATED	1997	4	07/99	▶		LP051		11V
2.0 TDi Turbo Diesel		DW10ATED	1997	4	2003	▶		LP051		11V

XSARA COUPE

1.4 HDi Turbo Diesel		DV4TD	1398	4	2003	▶		LP080		11V
1.9 Diesel	8V	XUD9A DW8	1905	4	02/98	▶	09/00	LP034		11V
			1868	4	07/98	▶		LP037		11V
1.9 Turbo Diesel		XUD9TE/L, Y	1905	4	02/98	▶		LP036		11V
2.0 HDi Turbo Diesel		DW10ATED	1997	4	07/99	▶		LP051		11V

XSARA PICASSO MPV

1.6 HDi Turbo Diesel	16V	DV6TED4	1560	4	11/03	▶		LP051		11V
2.0 HDi Turbo Diesel		DW10ATED	1997	4	06/00	▶		LP051		11V

ZX

1.4 Diesel		TUD3	1360	4	1996	▶		LP005		11V
1.5 Diesel		TUD5	1527	4	1997	▶		LP037		11V
1.8 Diesel		XUD7	1769	4	03/91	▶		LP033		11V
1.9 Diesel		XUD9L XUD9, XUD9A, XUD9Y	1905	4	03/91	▶		LP034		11V
			1905	4	03/91	▶		LP033		11V



CITROEN (continued)

ZX (continued)

1.9 Turbo Diesel	XUD9TE, XUD9TF	1905	4	09/98	▶		LP036		11V
	XUD9TE, XUD9TF	1905	4	09/92	▶	08/98	LP034		11V

DACIA

DUSTER

1.6 Diesel	F8M (Renault)	1595	4	11/89	▶		LP033		11V
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LOGAN

1.5 dCi	K9K 792/790	1461	4	09/05	▶		LP073	◇	11V
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DAEWOO (SSANGYONG)

KORANDO

2.3 Diesel	OM601	2299	4	1997	▶		LP021		11.5V
2.9 Diesel	OM602 (Mercedes)	2874	5	01/99	▶		LP021		11.5V
2.9 TDi Turbo Diesel	OM602 (Mercedes)	2874	5	01/99	▶		LP021		11.5V

KYRON

2.0 Xdi Diesel		1998	4	05/05	▶		LP111	◇	11V
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MUSSO

2.3 Diesel	OM601 (Mercedes)	2299	4	07/93	▶		LP021		11.5V
2.9 TDi Turbo Diesel	OM602 (Mercedes)	2874	5	07/93	▶		LP021		11.5V

REXTON

2.9 TDi Turbo Diesel		2874	5	02/08	▶		LP021		11.5V
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RODIUS

2.7 Xdi Diesel		2696	5	05/05	▶		LP111	◇	11V
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DAIHATSU

CHARADE

1.0 Diesel	CL10	993	3	1983	▶	03/87	LP008		7V
	CL10	993	3	04/87	▶	12/92	LP009		11V
1.0 Turbo Diesel	CL10T, CL61	993	3	1983	▶	03/87	LP008		7V
	CL10T, CL61	993	3	04/87	▶	12/92	LP009		11V

DELTA TRUCK

2. Warning - care should be taken in selecting the correct voltage

2.5 Diesel	DG	2530	4	02/83	▶		LP016		8.5V
2.8 Diesel	DL	2765	4	10/82	▶		LP016		8.5V
3.0 Diesel	B	2977	4	02/83	▶		LP018		10.5V
3.4 Diesel	3B	3431	4	02/83	▶		LP017		14V
	3B	3431	4	02/83	▶		LP018		10.5V

FOURTRAK

2. Warning - care should be taken in selecting the correct voltage

2.8 Diesel	DL	2765	4	10/82	▶		LP016		8.5V
	DL	2765	4	04/84	▶		LP008		7V
	DL40	2765	4	10/82	▶		LP016		8.5V
2.8 Turbo Diesel	DL50	2765	4	04/84	▶		LP008		7V

ROCKY

2. Warning - care should be taken in selecting the correct voltage

2.8 Diesel	DL	2765	4	04/84	▶		LP008		7V
	DL40	2765	4	10/82	▶		LP016		8.5V
2.8 Turbo Diesel	DL50	2765	4	04/84	▶		LP008		7V

TAFT

2. Warning - care should be taken in selecting the correct voltage

2.5 Diesel	DG	2530	4	08/78	▶	03/84	LP016		8.5V
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FIAT

127

1.3 Diesel	127A, 127A5000	1301	4	04/81	▶	05/83	LP033		11V
	127A, 127A5000	1301	4	06/83	▶	12/86	LP033		11V

131

2.0 Diesel	8144.65	1998	4	03/78	▶	01/84	LP033		11V
2.4 Diesel	8144.61	2445	4	08/78	▶	12/84	LP033		11V

500

1.3 Diesel Multijet		1248	4	10/07	▶		LP098	◇	11V
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ARGENTA

2.4 Diesel	8144.61	2445	4	1981	▶	11/85	LP033		11V
2.4 Turbo Diesel	8144.81	2445	4	1981	▶	11/85	LP033		11V

BRAVA

1.9 D Multijet	939A1.000	1910	4	06/05	▶		LP072	◇	11V
	939A2.000	1910	4	06/05	▶		LP101	◇	11V
1.9 Diesel	160A7000	1929	4	09/95	▶	03/96	LP034		11V
1.9 JTD Turbo Diesel	182B4000, AR32302 to eng no 1716458	1910	4	12/98	▶	10/99	LP052		11V
	182B4000, AR32302 from eng no 1716459	1910	4	11/99	▶		LP072		11V
1.9 Turbo Diesel	182A8000, M720AT19T	1910	4	04/96	▶		LP038		11V
	182A7000	1910	4	04/96	▶		LP038		11V



FIAT (continued)										
BRAVO										
1.9 D Multijet		939A1.000	1910	4	06/05	▶		LP072	◇	11V
		939A2.000	1910	4	06/05	▶		LP101	◇	11V
1.9 Diesel		160A7000	1929	4	09/95	▶	03/96	LP034		11V
1.9 JTD Turbo Diesel		182B4000, AR32302 to eng no 1716458	1910	4	12/98	▶	10/99	LP052		11V
		182B4000, AR32302 from eng no 1716459	1910	4	11/99	▶		LP072		11V
1.9 Turbo Diesel		182A8000, M720AT19T	1910	4	04/96	▶		LP038		11V
		182A7000	1910	4	04/96	▶		LP038		11V
CAMPAGNOLA										
2.4 Diesel		8142.61	2445	4	1979	▶	10/86	LP033		11V
CITIVAN										
1.7 Diesel		149B3000	1697	4	02/88	▶	12/90	LP033		11V
CROMA										
1.9 D Multijet		939A1.000	1910	4	06/05	▶		LP072	◇	11V
		939A2.000	1910	4	06/05	▶		LP101	◇	11V
1.9 Turbo Diesel		154D	1929	4	03/88	▶		LP004		11V
		154C	1929	4	03/88	▶		LP004		11V
		154B	1929	4	03/88	▶		LP004		11V
2.4 D Multijet		939A3.000	2387	5	06/05	▶		LP101	◇	11V
2.5 Diesel		8144.67	2499	4	1986	▶	12/89	LP033		11V
		8144.97	2499	4	03/89	▶	12/96	LP034		11V
		8144.97	2499	4	01/93	▶	12/93	LP035		11V
2.5 Turbo Diesel		8177.91	2499	4	1986	▶	12/89	LP033		11V
		8144.97	2499	4	03/89	▶	12/92	LP034		11V
		8144.97	2499	4	01/94	▶	12/96	LP071		11V
2500TD		8144.91.2000	2445	4	12/85	▶	08/89	LP064	◇	11V
DAILY										
2.4 Diesel		8144.21	2445	4	1979	▶	12/82	LP001		11V
2.5 Turbo Diesel		8140.47 Sofim	2499	4	03/94	▶		LP005		11.5V
DOBLO										
1.3 D Multijet		223A9.000	1248	4	10/05	▶		LP098	◇	11V
1.9 D Multijet		186A9.000	1910	4	10/05	▶		LP072	◇	11V
1.9 Diesel		223A6000	1910	4	2000	▶		LP069		11V
		223A6000	1910	4	2000	▶		LP069		11V
1.9 JTD Turbo Diesel		182B9000	1910	4	10/01	▶		LP072		11V
		223A7.000	1910	4	07/03	▶		LP072	◇	11V
		182B9000	1910	4	10/01	▶		LP072		11V
DOBLO CARGO										
1.3 D Multijet			1248	4	10/05	▶		LP098	◇	11V
1.3 JTD	16V	188A9.000	1248	4	05/04	▶		LP098	◇	11V
1.9 JTD Turbo Diesel			1910	4	07/03	▶		LP072	◇	11V
DUCATO										
1.9 Diesel		149A1000	1929	4	1987	▶		LP033		11V
		149A1000	1929	4	03/94	▶		LP035		11V
		XUD9 (Peugeot)	1905	4	1999	▶		LP034		11V
1.9 Turbo Diesel		149A1000	1929	4	1994	▶		LP034		11V
			1929	4	03/94	▶		LP035		11V
2.0 JTD Turbo Diesel		DW10ATED (Peugeot)	1997	4	10/01	▶		LP051		11V
2.3 JTD Turbo Diesel		F1AE0481C	2286	4	04/02	▶		LP093		11V
2.4 Diesel		8144.21	2445	4	1982	▶		LP033		11V
		8144.21	2445	4	1985	▶	06/90	LP001		11V
		8144.61 Sofim	2445	4	01/86	▶	01/94	LP064		11V
2.5 Diesel		8144.67 Sofim	2499	4	01/86	▶	01/94	LP064		11V
2.5 Turbo Diesel		8140.47 Sofim	2499	4	03/94	▶		LP005		11.5V
2.8 Di Diesel		8140.63	2799	4	06/98	▶		LP058		11V
DUNA										
1.7 Diesel		149B3000	1697	4	1987	▶		LP033		11V
ELBA										
1.3 Diesel			1301	4	04/86	▶	10/92	LP033	◇	11V
1.7 Diesel		146B2.000	1698	4	04/89	▶	12/96	LP033	◇	11V
FIORINO										
1.3 Diesel		146B1000	1301	4	11/82	▶	08/93	LP033		11V
1.7 Diesel		149B2.000	1697	4	01/88	▶		LP001	◇	11V
		149B3.000	1698	4	12/87	▶	12/90	LP001	◇	11V
		149B3000	1697	4	12/87	▶		LP033		11V
1.7 Turbo Diesel		146D7000, M705BA	1697	4	02/97	▶		LP034		11V
GRANDE PUNTO										
1.3 D Multijet		199A2.000	1248	4	10/05	▶		LP098	◇	11V
		199A3.000	1248	4	10/05	▶		LP098	◇	11V
1.9 D Multijet			1910	4	10/05	▶		LP072	◇	11V
			1910	4	10/05	▶		LP072	◇	11V



FIAT (continued)

IDEA											
1.3 JTD Turbo Diesel	16V	188A9000		1251	4	01/04	▶		LP098		11V
1.9 JTD Turbo Diesel	16V			1910	4	01/04	▶		LP072		11V
MAREA											
1.9 JTD Turbo Diesel		AR32302		1910	4	04/99	▶	10/99	LP052		11V
		AR32302		1910	4	11/99	▶		LP072		11V
		182B4000 to eng no 1716818		1910	4	01/99	▶	10/99	LP052		11V
		182B4000 from eng no 11716819		1910	4	11/99	▶		LP072		11V
		182B4000 from eng no 11716819, 1. Radiator water heating		1910	4	11/99	▶		LP063		11V
		186A6000		1910	4	2001	▶		LP072		11V
		186A6000 1. Radiator water heating		1910	4	2001	▶		LP063		11V
1.9 Turbo Diesel		182A7, 182A8, M720AT19T		1910	4	09/96	▶		LP038		11V
2.4 JTD Turbo Diesel		839A5000, AR34202 to eng no 1713818		2387	5	04/99	▶	10/99	LP052		11V
		839A5000, AR34202 from eng no 1713819		2387	5	11/99	▶		LP072		11V
		839A5000, AR34202 from eng no 1713819, 1. Radiator water heating		2387	5	11/99	▶		LP063		11V
2.4 Turbo Diesel		185A2000, M717AT24T		2387	5	09/96	▶		LP038		11V
MARENGO											
1.9 Diesel		160A7000		1929	4	01/92	▶		LP034		11V
		149A1000		1929	4	01/86	▶	07/89	LP034		11V
1.9 Turbo Diesel		160A6000		1929	4	01/97	▶		LP038		11V
		160A6000		1929	4	01/92	▶	12/96	LP034		11V
2.4 Diesel		8144.61		2445	4	05/80	▶	09/83	LP033		11V
MULTIPLA											
1.9 JTD Turbo Diesel		182B4000 to eng no 1692990		1910	4	01/99	▶	10/99	LP052		11V
		182B4000 from eng no 1692991		1910	4	11/99	▶		LP072		11V
		182B4000 from eng no 1692991, 1. Radiator water heating		1910	4	11/99	▶		LP063		11V
		186A6000		1910	4	03/01	▶		LP072		11V
		186A6000 1. Radiator water heating		1910	4	03/01	▶		LP063		11V
PALIO WEEKEND											
1.7 Turbo Diesel		M705BA, M708AT		1697	4	04/96	▶		LP034		11V
1.9 Diesel		223A6.000		1910	4	03/01	▶		LP069	◇	11V
PANDA											
1.3 Diesel		156A5000		1301	4	1986	▶	12/89	LP033		11V
1.3 JTD Turbo Diesel	16V	188A9000		1251	4	09/03	▶		LP098		11V
PUNTO											
1.3 JTD Turbo Diesel	16V	188A9.000		1251	4	06/03	▶		LP098		11V
1.7 Diesel		149B3000		1697	4	1994	▶		LP033		11V
1.7 Turbo Diesel		176A, M705BA		1697	4	06/93	▶	09/96	LP034		11V
		M705BA, M708AT		1697	4	10/96	▶		LP038		11V
1.9 Diesel 60		188A3000		1910	4	09/99	▶		LP069		11V
1.9 JTD Turbo Diesel		188A7000		1910	4	10/01	▶		LP072		11V
		188A7000 1. Radiator water heating		1910	4	10/01	▶		LP063		11V
		188B2.000		1910	4	07/03	▶		LP072	◇	11V
1.9 JTD Turbo Diesel 80		188A2000		1910	4	1999	▶		LP072		11V
		188A2000 1. Radiator water heating		1910	4	1999	▶		LP063		11V
REGATA											
1.7 Diesel		149B3000		1697	4	09/83	▶	07/89	LP033		11V
		138B5000, 138B6000		1714	4	09/83	▶	07/89	LP033		11V
1.9 Diesel		149A1000		1929	4	04/84	▶	07/89	LP033		11V
1.9 Turbo Diesel		831D1000		1929	4	04/84	▶	07/89	LP033		11V
RITMO											
1.7 Diesel		149B3000		1697	4	10/79	▶	12/87	LP033		11V
1.9 Turbo Diesel		831D1000, 138TD000		1929	4	12/85	▶	12/87	LP033		11V
SCUDO											
1.8 Diesel		DW8 (WJZ)(Peugeot)		1868	4	09/98	▶		LP037		11V
1.9 Diesel		XUD9, XUD9A (Peugeot)		1905	4	03/96	▶		LP034		11V
1.9 Turbo Diesel		XUD9TE (Peugeot)		1905	4	03/96	▶	08/98	LP034		11V
		XUD9TE (Peugeot)		1905	4	09/98	▶		LP036		11V
2.0 D Multijet		RHK		1997	4	01/07	▶		LP109	◆	11V
		RHR		1997	4	01/07	▶		LP109	◆	11V
2.0 Turbo Diesel		RHX, RHZ		1997	4	12/99	▶		LP051		11V
SCUDO COMBINATO											
1.9 Diesel		D9B		1905	4	02/96	▶		LP033	◇	11V
		WJZ (DW8)		1868	4	04/98	▶		LP037	◇	11V
1.9 Turbo Diesel		D8B		1905	4	02/96	▶	08/98	LP033	◇	11V
		D8B		1905	4	09/98	▶		LP033	◇	11V
1.9 Turbo Diesel ECO		DHX (XUD9TF/L)		1905	4	02/96	▶	08/98	LP033	◇	11V
		DHX (XUD9TF/L)		1905	4	09/98	▶		LP033	◇	11V
2.0 JTD Turbo Diesel		RHZ		1997	4	12/99	▶		LP051	◇	11V

24 LUCAS GLOW PLUGS



FIAT (continued)										
SCUDO VAN										
2.0 JTD Turbo Diesel		RHX	1997	4	12/99	▶		LP051	◇	11V
			1997	4	12/02	▶		LP051	◇	11V
SEDICI										
1.9 D Multijet			1910	4	06/06	▶		LP072	◇	11V
STILO										
1.9 D Multijet		192A9.000	1910	4	09/05	▶		LP072	◇	11V
		937A5.000	1910	4	09/05	▶		LP101	◇	11V
1.9 JTD		192A3.000	1910	4	02/02	▶		LP072	◇	11V
1.9 Turbo Diesel		192A1000, 192A3000	1910	4	10/01	▶		LP072		11V
			1910	4	1/04	▶		LP101		11V
STRADA										
1.7 Diesel		138B000, 149B3000	1697	4	10/82	▶		LP033		11V
		138B000, 149B3000	1697	4	10/79	▶	09/82	LP033		11V
TALENTO										
1.9 Diesel		149B1000	1929	4	03/88	▶	12/94	LP033		11V
TEMPRA										
1.9 Diesel		160A6000	1929	4	02/90	▶	09/96	LP034		11V
1.9 Turbo Diesel		M718AT, 160A7000	1929	4	02/90	▶	09/96	LP034		11V
		160D1000	1929	4	06/93	▶		LP034		11V
TIPO										
1.7 Diesel		149B4000	1697	4	07/87	▶	03/93	LP033		11V
1.9 Diesel		149A1000, 160A7000	1929	4	1987	▶		LP033		11V
1.9 Turbo Diesel		160A6000, 160D1000	1929	4	06/93	▶		LP034		11V
		149A1000, 160A7000	1929	4	1987	▶		LP033		11V
ULYSSE MPV										
1.9 Turbo Diesel		XUD9TE, XUD9TF, XUD9TU	1905	4	09/94	▶		LP034		11V
2.0 JTD Turbo Diesel	16V	DW10ATED (Peugeot)	1997	4	07/99	▶		LP051		11V
2.1 Turbo Diesel	12V	XUD11ATE (Peugeot)	2088	4	05/96	▶		LP034		11V
2.2 Turbo Diesel	16V	DW12ATED4 (Peugeot)	2179	4	08/02	▶		LP051		11V
UNO										
1.3 Diesel		127A5000, 146B1000	1301	4	1983	▶	03/92	LP033		11V
1.4 Turbo Diesel		146B000, 146B3000	1367	4	1986	▶	09/92	LP033		11V
1.7 Diesel		149B3000	1697	4	07/86	▶	03/94	LP033		11V
1.9 Diesel		160A7000	1929	4	09/89	▶	03/94	LP033		11V
FORD										
C MAX										
1.6 TDCi			1560	4	02/07	▶		LP080	◇	11V
2.0 TDCi			1997	4	02/07	▶		LP109	◆	11V
COURIER										
1.8 Diesel		18D	1753	4	03/93	▶		LP005		11.5V
1.8 Turbo Diesel		18D	1753	4	03/93	▶		LP005		11.5V
			1753	4	02/96	▶		LP048		11V
										5. Euro 1
										5. Euro 2
ECONOVAN										
2.0 Diesel		RF Mazda	1998	4	09/85	▶		LP025		11V
ESCORT MK3										
1.6 Diesel		LTA	1608	4	1984	▶		LP005		11V
ESCORT MK4										
1.8 Diesel		18D	1753	4	1988	▶		LP005		11.5V
ESCORT MK5										
1.8 Turbo Diesel		18DT	1753	4	03/96	▶		LP048		11V
		18DT	1753	4	02/94	▶		LP005		11.5V
										5. Euro 2
										5. Euro 1
ESCORT VAN MK4										
1.6 Diesel			1608	4	1986	▶		LP005		11V
1.8 Diesel		18D	1753	4	1988	▶		LP005		11.5V
ESCORT VAN MK5										
1.8 Diesel		18D	1753	4	1988	▶	08/96	LP005		11.5V
1.8 Turbo Diesel		18DT	1753	4	02/94	▶	08/96	LP005		11.5V
										5. Euro 1
FIESTA 2										
1.6 Diesel		D16	1608	4	1984	▶	1989	LP005		11V
FIESTA 3										
1.8 Diesel		D18NA	1753	4	1989	▶	12/95	LP005		11.5V
1.8 Turbo Diesel		D18T	1753	4	1988	▶	12/95	LP005		11.5V
										5. Euro 1
FIESTA 4										
1.8 Di Diesel		C9DC (RTN, RTP, RTQ)	1753	4	08/98	▶	01/02	LP060		11V
1.8 Turbo Diesel		D18T	1753	4	03/96	▶		LP048		11V
										5. Euro 2
FIESTA 5										
1.4 TDCi Turbo Diesel	8V	DV4TD (PSA)	1399	4	11/01	▶		LP080		11V
1.6 TDCi		HHJA/HHJB	1560	4	11/04	▶		LP110	◆	11V

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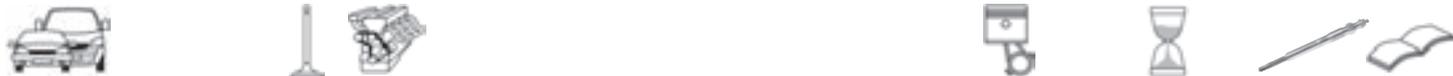


FORD (continued)

FIESTA VAN											
1.6 Diesel		16D		1608	4	1984	▶		LP005		11V
1.8 Diesel		D18NA		1753	4	1989	▶		LP005		11.5V
1.8 Turbo Diesel		18DT 5. Euro 1		1753	4	02/94	▶	08/96	LP005		11.5V
FOCUS											
1.8 Di Diesel		C9DC		1753	4	08/98	▶	11/04	LP060		11V
1.8 TDCi Turbo Diesel		C9DC		1753	4	09/02	▶	11/04	LP060		11V
1.8 TDDi Turbo Diesel		C9DC		1753	4	10/98	▶	11/04	LP060		11V
FOCUS CMAX											
1.6 TDCi Turbo Diesel	16V	G8DA		1398	4	10/03	▶		LP080		11V
1.8 TDCi Turbo Diesel		KKDA		1753	4	01/05	▶	03/07	LP060	◇	10V
2.0 TDCi Turbo Diesel	16V	G6DA		1998	4	10/03	▶		LP080		11V
FOCUS MKII											
1.6 TDCi Turbo Diesel	16V	G8DA		1560	4	04/05	▶		LP080		11V
		HHDA/HHDB		1560	4	04/05	▶		LP080	◇	11V
1.8 TDCi Turbo Diesel				1753	4	04/05	▶		LP060	◇	10V
2.0 TDCi Turbo Diesel	16V	G6DA		1998	4	04/05	▶		LP080		11V
FUSION											
1.4 TDCi Turbo Diesel	8V	DV4TD (PSA)		1399	4	2002	▶		LP080		11V
		F6JA/F6JB		1399	4	08/02	▶		LP080	◇	11V
1.6TDCi Turbo Diesel		HHJA/HHJB		1560	4	11/04	▶		LP080	◇	11V
GALAXY MPV											
1.8 TDCi Turbo Diesel		FFWA		1753	4	05/06	▶		LP060	◇	10V
		QTWA		1753	4	05/06	▶		LP074	◇	11V
1.9 TDi Turbo Diesel		ANU 90bhp PD		1896	4	03/95	▶	09/01	LP027		11V
		ANU 90bhp PD	1. Radiator water heating x 1	1896	4	03/95	▶	09/01	LP022		11V
		ANU 90bhp PD	1. Radiator water heating x 3	1896	4	03/95	▶	09/01	LP046		11V
		ANU 90bhp PD		1896	4	10/01	▶		LP096		12V
		AUY 115bhp PD		1896	4	03/95	▶	09/01	LP027		11V
		AUY 115bhp PD	1. Radiator water heating x 1	1896	4	03/95	▶	09/01	LP022		11V
		AUY 115bhp PD	1. Radiator water heating x 3	1896	4	03/95	▶	09/01	LP046		11V
		AUY 115bhp PD		1896	4	10/01	▶		LP096		12V
		ASZ 130bhp PD		1896	4	02/03	▶		LP096		12V
		AHU 90bhp		1896	4	02/95	▶		LP027		11V
		AHU 90bhp	1. Radiator water heating x 1	1896	4	02/95	▶		LP022		11V
		AHU 90bhp	1. Radiator water heating x 3	1896	4	02/95	▶		LP046		11V
		AFN 110bhp		1896	4	02/95	▶		LP027		11V
		AFN 110bhp	1. Radiator water heating x 1	1896	4	02/95	▶		LP022		11V
		AFN 110bhp	1. Radiator water heating x 3	1896	4	02/95	▶		LP046		11V
1Z 90bhp		1896	4	02/95	▶		LP027		11V		
1Z 90bhp	1. Radiator water heating x 1	1896	4	02/95	▶		LP022		11V		
1Z 90bhp	1. Radiator water heating x 3	1896	4	02/95	▶		LP046		11V		
		BTB		1896	4	05/05	▶		LP096	◇	11V
2.0 TDCi Turbo Diesel		AZWA		1997	4	05/06	▶		LP074	◇	11V
		QXWA/QXWB		1997	4	05/06	▶		LP109	◆	11V
GRANADA											
1.9 Diesel		XD88		1948	4	03/79	▶	08/82	LP033		11V
2.1 Diesel		XD4-90		2112	4	09/77	▶	08/82	LP033		11V
2.5 Diesel		XD3		2498	4	1982	▶	08/85	LP033		11V
MAVERICK											
2.7 Turbo Diesel		TD27Ti		2663	4	03/93	▶		LP032		11V
MONDEO MKI											
1.8 Turbo Diesel		18DT	5. Euro 1	1753	4	06/93	▶	08/96	LP005		11.5V
MONDEO MKII											
1.8 Turbo Diesel		18DT	5. Euro 2	1753	4	03/96	▶	11/01	LP048		11V
MONDEO MKIII											
2.0 TDCi Turbo Diesel	16V			1998	4	10/01	▶	02/07	LP074		11V
2.0 TDDi Turbo Diesel	16V	D5BA, D6BA		1998	4	11/00	▶	02/07	LP074		11V
2.2 TDCi Turbo Diesel		QJBA/QJBB		2198	4	09/04	▶	02/07	LP074	◇	11V
MONDEO MKIV											
1.8 TDCi Turbo Diesel				1753	4	03/07	▶		LP060	◇	10V
2.0 TDCi Turbo Diesel				1997	4	03/07	▶		LP109	◆	11V
				1997	4	03/07	▶		LP109	◆	11V
ORION											
1.6 Diesel		16D		1608	4	1984	▶	01/89	LP005		11V
1.8 Diesel		18D		1753	4	1988	▶		LP005		11.5V
1.8 Turbo Diesel		18DT	5. Euro 1	1753	4	03/92	▶	12/93	LP005		11.5V

5. Euro 1 & Euro 2 refers to European Emission legislation which affect engine design

26 LUCAS GLOW PLUGS



FORD (continued)										
P100 PICK-UP										
1.8 Turbo Diesel		18DT	5. Euro 1	1753	4	09/89 ▶	01/94	LP005		11.5V
RANGER										
2.5 Diesel		WL (Mazda)		2499	4	05/99 ▶		LP025		11V
2.5 Turbo Diesel		WL (Mazda)		2499	4	05/99 ▶		LP025		11V
S MAX										
1.8 TDCi Turbo Diesel		QYWA		1753	4	05/06 ▶		LP074	◇	11V
2.0 TDCi Turbo Diesel		AZWA		1997	4	05/06 ▶		LP074	◇	11V
		QXWA/QXWB		1997	4	05/06 ▶		LP109	◆	11V
SCORPIO										
2.5 Turbo Diesel		SCB, VM		2498	4	01/95 ▶		LP043		11V
SIERRA INCL. SAPPHIRE										
1.8 Turbo Diesel		18DT	5. Euro 1	1753	4	1988 ▶	02/93	LP005		11.5V
2.3 Diesel		XD2 Peugeot		2304	4	1982 ▶	02/90	LP034		11V
TRANSIT TOURNEO										
2.2 TDCi Turbo Diesel				2198	4	07/06 ▶		LP060	◇	10V
TRANSIT 115/120										
2.4 Diesel		YORK		2360	4	1978 ▶		LP005		11V
		YORK		2360	4	1971 ▶		LP033		11V
TRANSIT 125										
2.4 Diesel		YORK		2360	4	1978 ▶		LP005		11V
TRANSIT 130										
2.4 Diesel		YORK		2360	4	1978 ▶		LP005		11V
TRANSIT 160										
2.4 Diesel		YORK		2360	4	1978 ▶		LP005		11V
TRANSIT 175/190										
2.4 Diesel		YORK		2360	4	1978 ▶		LP005		11V
TRANSIT 260/280/300										
2.0 TDi Turbo Diesel	16V	ABFA, F3FA, D3FA		1998	4	03/00 ▶		LP074		11V
2.4 TDid Turbo Diesel	16V			2402	4	03/00 ▶		LP074		11V
TRANSIT 300/330/350										
2.4 TDid Turbo Diesel	16V			2402	4	03/00 ▶		LP074		11V
TRANSIT 80/100										
2.4 Diesel		YORK		2360	4	1978 ▶		LP005		11V
TRANSIT CONNECT										
1.8 TD Turbo Diesel				1753	4	2002 ▶		LP060		11V
1.8 TDCi Turbo Diesel				1753	4	2002 ▶		LP060		11V
FSO										
POLONEZ										
1.9 Diesel		XUD9 (Peugeot)		1905	4	1992 ▶		LP033		11V
HONDA										
ACCORD										
2.0 TDi Turbo Diesel		20T2N		1994	4	04/96 ▶	12/02	LP066		11V
		20T2N		1994	4	04/96 ▶	12/02	LP066		11V
		L20SDi Rover		1994	4	03/99 ▶	12/02	LP041		11V
CIVIC										
1.7 CDTi Turbo Diesel		4EE2T (Isuzu)		1686	4	01/02 ▶		LP076		11V
2.0 Turbo Diesel		L20SDi		1994	4	10/97 ▶		LP041		11V
CONCERTO										
1.8 Turbo Diesel		XUD7TE Peugeot		1768	4	10/94 ▶	12/95	LP033		11V
CR-V MKII										
2.2 CTDi				2204	4	02/05 ▶	09/06	LP122	◆	11V
CR-V MKIII										
2.2 i - CTDi				2204	4	01/07 ▶		LP122	◆	11V
HYUNDAI										
ACCENT										
1.5 CRDi Turbo Diesel	12V	D3EA		1493	3	04/02 ▶		LP086		11V
ELANTRA										
2.0 CRDi Turbo Diesel	16V	D4-EA		1991	4	04/01 ▶		LP086		11V
GALLOPER										
2.5 TCi Turbo Diesel		D4BH		2476	4	08/98 ▶		LP067		11V
2.5 Turbo Diesel				2476	4	07/94 ▶		LP013		11V
GETZ										
1.5 CRDi Turbo Diesel	12V	D3EA		1493	3	03/03 ▶		LP086		11V
H1										
2.5 CRDi				2497	4	08/03 ▶		LP100	◇	11V
2.5 Turbo Diesel		D4BF/D4BH		2476	4	03/00 ▶		LP013	◇	11V

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HYUNDAI (continued)

H100										
2.5 Diesel		D4BX/D4BA/D4BB D4B, 4D56	2477 2477	4 4	07/93 07/93	▶	03/00	LP070 LP070	◇	11V 11V
2.5 Turbo Diesel		D4BF	2477 2476	4 4	07/93 07/94	▶	03/00	LP013 LP013	◇	11V 11V
i-30										
1.6 CRDi			1582	4	10/07	▶		LP121	◆	11V
2.0 CRDi			1991	4	10/07	▶		LP121	◆	11V
MATRIX										
1.5 CRDi Turbo Diesel	12V	D3EA	1493	3	10/01	▶		LP086		11V
SANTA FÉ										
2.0 CRDi Turbo Diesel	16V	D4EA	1991	4	08/01	▶		LP086		11V
2.2 CRDi			2188	4	03/06	▶		LP086	◇	11V
2.2 CRDi 4x4			2188	4	03/06	▶		LP086	◇	11V
2.2 CRDi GLS			2188	4	03/06	▶		LP086	◇	11V
2.2 CRDi GLS 4x4			2188	4	03/06	▶		LP086	◇	11V
SATELLITE										
2.5 TDi Turbo Diesel		D4BF	2477	4	10/97	▶		LP070		11V
STAREX										
2.5 Diesel		D4BB	2476	4	10/97	▶		LP070		11V
2.5 Turbo Diesel		D4BF, D4BH	2476	4	07/94	▶		LP013		11V
TRAJET										
2.0 CRDi Turbo Diesel	16V	D4EA	1991	4	04/01	▶		LP086		11V
TUCSON										
2.0 CRDi		D4EA	1991 1991	4 4	08/04 01/06	▶		LP086 LP128	◇ ◆	11V 11V

ISUZU

ASKA										
2.0 Diesel		4FC1	1995	4	12/84	▶		LP002		5V
ELF 200										
2.0 Diesel		C190 incl. 4x4	1951	4	1981	▶		LP002		5V
ELF 250										
2.4 Diesel		C240 C240	2369 2369	4 4	1980 1980	▶		LP029 LP002		11V 5V
FASTER										
2.0 Diesel		C190	1951	4	1978	▶		LP029		11V
2.2 Diesel		C223	2238	4	04/85	▶	08/96	LP002		5V
FLORIAN										
2.0 Diesel		C190	1951	4	1977	▶	03/83	LP002		5V
GEMINI 2. Warning - care should be taken in selecting the correct voltage										
1.5 Diesel		4EC1 4EC1	1488 1488	4 4	07/85 12/88	▶	11/88	LP002 LP029		5V 11V
1.5 Turbo Diesel		4EC1T 4EC1T	1488 1488	4 4	01/88 12/88	▶	11/88	LP003 LP025		5V 11V
I-MARK 2. Warning - care should be taken in selecting the correct voltage										
1.5 Diesel		4EC1 4EC1	1488 1488	4 4	07/85 12/88	▶	11/88	LP002 LP029		5V 11V
1.5 Turbo Diesel		4EC1T 4EC1T	1488 1488	4 4	01/88 12/88	▶	11/88	LP003 LP025		5V 11V
KB PICK-UP										
2.0 Diesel		C190	1951	4	1981	▶		LP002		5V
2.2 Diesel		C223 C223	2238 2238	4 4	04/86 08/87	▶	08/87 10/88	LP002 LP029		5V 11V
MIDI 2. Warning - care should be taken in selecting the correct voltage										
2.0 Turbo Diesel		4ZC1T 4ZC1T	1995 1995	4 4	01/86 01/86	▶		LP003 LP025		5V 11V
2.2 Diesel		4FD1 4FD1	2189 2189	4 4	01/86 01/86	▶		LP003 LP025		5V 11V
2.4 Diesel		4FG1	2380	4	01/94	▶		LP003		5V
RODEO										
2.0 Diesel		C190	1951	4	1978	▶		LP002		5V
2.2 Diesel		C223	2238	4	04/85	▶	08/96	LP029		11V
TROOPER										
2.2 Diesel		C223	2238	4	1984	▶	07/87	LP002		5V
2.2 Turbo Diesel		C223T C223T	2238 2238	4 4	02/81 08/87	▶	07/87 10/88	LP002 LP029		5V 11V
2.8 Diesel		4JB1	2771	4	01/88	▶	12/91	LP002		9V
2.8 Turbo Diesel		4JB1T 4JB1T	2771 2771	4 4	01/88 1992	▶	12/91	LP002 LP028		9V 11V



ISUZU (continued)									
TROOPER (continued)									
3.0 DTi Turbo Diesel		4JX1	2999	4	1998	▶		LP078	11V
3.1 Turbo Diesel		4JG2T	3059	4	01/92	▶		LP025	11V
IVECO									
DAILY									
2.4 Diesel		Sofim 8140.61	2445	4	04/78	▶	06/89	LP033	11V
2.4 Turbo Diesel		Sofim 8140.61	2445	4	04/78	▶	06/89	LP033	11V
2.8 TDi Turbo Diesel		8140.43	2798	4	09/97	▶		LP058	11V
GRINTA									
2.4 Diesel		8140.61	2445	4	04/78	▶	06/89	LP033	11V
JAGUAR									
S-TYPE									
2.7 BiTurbo Diesel			2720	V6	06/04	▶		LP100	11V
XJ6									
2.7			2720	6	10/05	▶		LP119	◆ 11V
X-TYPE									
2.0 TDCi Turbo Diesel	16V		1998	4	07/03	▶		LP074	11V
JEEP									
CHEROKEE									
2.1 Turbo Diesel		J8S 890 (Renault)	2068	4	02/91	▶		LP036	11V
		J8S 890 (Renault)	2068	4	01/88	▶	01/91	LP033	11V
		J8S 814 (Renault)	2068	4	02/91	▶	08/94	LP036	11V
		J8S 814 (Renault)	2068	4	01/87	▶	01/91	LP033	11V
2.5 CRD Diesel		ENJ	2499	4	09/01	▶		LP099	11V
2.5 Turbo Diesel		VM HR425 CLIRX	2499	4	10/94	▶		LP034	11V
		VM HR425 CLIRX	2499	4	05/95	▶		LP043	11V
		VM HR425	2499	4	10/94	▶		LP034	11V
2.8 CRD Diesel		ENR	2776	4	11/02	▶		LP099	◇ 11V
			2776	4	11/04	▶		LP099	◇ 11V
COMMANDER									
3.0 CRD			2987	V6	04/06	▶		LP055	◇ 11.5V
GRAND CHEROKEE									
2.5 Turbo Diesel		VM HR425 CLIRX	2499	4	1996	▶		LP043	11V
		VM HR492	2499	4	01/93	▶		LP034	11V
		VM HR425	2499	4	01/93	▶		LP034	11V
2.7 CRD Diesel		ENF (VM)	2688	5	10/01	▶		LP043	11V
3.1 Turbo Diesel		EXA (VM)	3124	5	04/99	▶		LP043	11V
WRANGLER									
2.1 Diesel		J8S (Renault)	2068	4	07/88	▶		LP033	11V
XJ CHEROKEE									
2.0 Turbo Diesel		J8S (Renault)	2068	4	04/84	▶	12/87	LP033	11V
KIA									
BESTA									
2.2 Diesel		R2 (Mazda)	2184	4	1994	▶		LP025	11V
CARENS II									
2.0 CRDi			1991	4	07/02	▶		LP086	◇ 11V
CARENS III									
2.0 CRDi		D4EA	1991	4	09/06	▶		LP120	◆ 11V
CERATO									
1.5 CRDi			1493	4	07/05	▶		LP086	◇ 11V
K2500									
2.5 Diesel			2476	4	01/03	▶		LP116	◆ 11V
K2700									
2.7 Diesel			2665	4	10/99	▶		LP025	◇ 11V
PREGIO									
2.7 Diesel		J2	2665	4	06/96	▶		LP025	11V
RIO II									
1.5 CRDi			1493	4	03/05	▶		LP113	◆ 11V
SORENTO									
2.5 CRDi			2497	4	08/02	▶		LP100	◇ 11V
SPORTAGE									
2.0 TDi Turbo Diesel		RF (Mazda)	1998	4	1994	▶	2003	LP025	11V
		RF (Mazda)	1998	4	1994	▶	2003	LP025	11V
2.2 Diesel		R2 (Mazda)	2184	4	1996	▶	2003	LP025	11V



LADA										
NIVA										
1.9 Diesel		XUD9 (Peugeot)		1905	4	09/94 ▶		LP034		11V
SAMARA										
1.5 Diesel		TUD5 Peugeot		1527	4	01/95 ▶		LP037		11V
LANCIA										
DEDRA										
1.9 Turbo Diesel	8V	160D.000		1929	4	10/94 ▶		LP034		11V
	8V	835A4.000		1929	4	1989 ▶	09/94	LP033		11V
DELTA										
1.9 Turbo Diesel	8V	835A4.000		1929	4	06/86 ▶	06/91	LP033		11V
	8V	160D1.000		1929	4	10/94 ▶		LP034		11V
	8V	831D1.000		1929	4	06/86 ▶	06/91	LP033		11V
				1929	4	10/96 ▶		LP038		11V
KAPPA										
2.4 JTD Turbo Diesel		AR34.202		2387	5	07/98 ▶		LP052		11V
		AR34.202	1. Radiator water heating	2387	5	07/98 ▶		LP063		11V
2.4 Turbo Diesel	10V	838A3.000		2387	5	1996 ▶		LP038		11V
LYBRA										
1.9 JTD Turbo Diesel			1. Radiator water heating	1929	4	07/99 ▶		LP072		11V
				1929	4	07/99 ▶		LP063		11V
2.4 JTD Turbo Diesel			1. Radiator water heating	2387	5	07/99 ▶		LP072		11V
				2387	5	07/99 ▶		LP063		11V
MUSA										
1.3 Multijet		188A9.000		1248	4	10/04 ▶		LP098	◇	11V
1.9 Multijet		188B2.000		1910	4	10/04 ▶		LP072	◇	11V
PHEdra										
2.0 JTD Turbo Diesel		DW10		1997	4	03/08 ▶		LP051		11V
	16V	DW10ATED4		1997	4	02/08 ▶		LP051		11V
2.2 JTD Turbo Diesel	16V	DW12ATEDS		2179	4	02/08 ▶		LP051		11V
PRISMA										
1.9 Diesel	8V	831D.000		1929	4	1984 ▶		LP033		11V
1.9 Turbo Diesel		831A1000, 138C2.048		1929	4	1984 ▶		LP034		11V
THEMA										
2.5 Turbo Diesel	8V	8144.97		2499	4	01/93 ▶	12/93	LP035		11V
	8V	8144.97		2499	4	11/84 ▶	12/92	LP034		11V
	8V	8144.97		2499	4	01/94 ▶	12/96	LP071		11V
THESIS										
2.4 JTD Turbo Diesel	10V	841C000		2387	5	07/02 ▶		LP072		11V
	10V			2387	5	05/03 ▶		LP101		11V
YPSILON										
1.3 JTD Turbo Diesel	16V			1251	4	10/03 ▶		LP098		11V
ZETA										
1.9 Turbo Diesel		XUD9TE Peugeot		1905	4	04/95 ▶		LP034		11V
2.0 JTD Turbo Diesel	16V	RHZ		1998	4	1999 ▶		LP051		11V
2.1 Turbo Diesel		XUD11ATE Peugeot		2088	4	05/96 ▶		LP034		11V
LANDROVER										
88										
2.3 Diesel Series IIA & III		10J		2286	4	1972 ▶		LP007		1.7V
109										
2.3 Diesel Series IIA & III		10J		2286	4	1972 ▶		LP007		1.7V
110/DEFENDER										
2.3 Diesel		10J		2286	4	1982 ▶		LP033		11V
2.5 Diesel		12J		2494	4	1985 ▶		LP033		11V
		12J		2494	4	1989 ▶		LP001		11V
2.5 TDi Turbo Diesel		200 TDi		2495	4	09/90 ▶		LP024		11.5V
2.5 Turbo Diesel				2495	4	1989 ▶		LP001		11V
130/DEFENDER										
2.5 Diesel		12J		2495	4	1989 ▶		LP001		11V
2.5 TDi Turbo Diesel		200 TDi		2495	4	09/90 ▶		LP024		11.5V
90/DEFENDER										
2.3 Diesel		10J		2286	4	1982 ▶		LP033		11V
2.5 Diesel		12J		2494	4	1989 ▶		LP001		11V
		12J		2494	4	1985 ▶		LP033		11V
2.5 TDi Turbo Diesel		200 TDi		2495	4	09/90 ▶		LP024		11.5V
2.5 Turbo Diesel				2495	4	1985 ▶		LP033		11V
COUNTY										
2.5 Diesel		12J		2495	4	1989 ▶		LP001		11V
DISCOVERY										
2.5 TD5 Turbo Diesel				2494	5	01/99 ▶		LP102		11V
2.5 TDi Turbo Diesel		200 TDi		2495	4	11/89 ▶		LP024		11.5V

30 LUCAS GLOW PLUGS



LANDROVER (continued)										
FREELANDER										
2.0 TDi Turbo Diesel		L20SDi	1994	4	1998	▶		LP041		11V
2.0 TDi Turbo Diesel T4			1997	4	11/00	▶		LP053		11V
RANGE ROVER										
2.4 Turbo Diesel		VM 492HT	2393	4	1986	▶	10/89	LP001		11V
2.5 TDi Turbo Diesel		200 TDi	2495	4	1993	▶	09/94	LP024		11.5V
		300 TDi	2495	4	03/94	▶		LP024		11.5V
2.5 Turbo Diesel		VM 2.5	2499	4	1989	▶		LP034		11V
		M51 D25 BMW	2498	6	11/94	▶		LP035		11V
3.0 Turbo Diesel		M57 D30	2926	6	03/02	▶		LP053		11V
LEXUS										
IS220										
220d		2AD-FHV	2231	4	10/05	▶		LP106	◆	11V
LEYLAND-DAF / LDV										
200										
2.0 Diesel		Prima 65	1994	4	1989	▶		LP033		11V
400										
2.5 Diesel		XD3 (Peugeot)	2498	4	1989	▶		LP034		11V
2.5 Turbo Diesel		XD3T (Peugeot)	2498	4	1989	▶		LP034		11V
SHERPA										
1.8 Diesel		9731	1798	4	1974	▶		LP001		11V
2.0 Diesel		MDi - PRIMA	1994	4	1986	▶		LP033		11V
2.5 Di Diesel		25D	2494	4	1986	▶		LP033		11V
2.5 TDi Turbo Diesel			2498	4	1984	▶		LP033		11V
LONDON TAXI INTERNATIONAL										
CJ3										
2.1 Diesel		XDP4/90	2112	4	10/87	▶		LP033		11V
CJ5										
2.1 Diesel		XDP4/90	2112	4	10/87	▶		LP033		11V
FAIRWAY										
2.7 Turbo Diesel		TD27	2663	4	1986	▶		LP013		11V
FL2/R										
2.5 Diesel		LANDROVER	2500	4	08/83	▶		LP033		11V
FX4S TAXI										
2.5 TDi Turbo Diesel		PEUGEOT	2500	4	1984	▶		LP033		11V
MAZDA										
2										
1.4 Turbo Diesel		FYTN	1399	4	11/01	▶	2007	LP080		11V
3										
1.6 DI Turbo		Y601	1560	4	06/04	▶		LP129	◆	11V
5										
2.0 CD		RF7J	1998	4	03/05	▶		LP123	◆	11V
			1998	4	06/05	▶		LP123	◆	11V
121										
1.8 Diesel		RTJ ENDURA	1753	4	03/96	▶	2002	LP048		11V
323 FWD										
1.7 Diesel		PN	1720	4	1987	▶	2003	LP025		11V
626 FWD inc CAPELLA										
2.0 Diesel		RF RF-N	1998	4	1982	▶	07/85	LP025		11V
			1998	4	07/87	▶	07/91	LP025	◇	11V
B2200										
2.2 Diesel		R2	2184	4	1984	▶		LP025		11V
B2500										
2.5 Diesel		WL	2500	4	1999	▶		LP025		11V
2.5 Turbo Diesel		WL	2499	4	1999	▶		LP025		11V
E2200										
2.2 Diesel		R2	2184	4	02/83	▶	02/88	LP025		11V
MPV										
2.5 Turbo Diesel			2500	4	05/96	▶	09/99	LP025	◇	11V
PREMACY										
2.0 Diesel		RF	1998	4	06/99	▶	2004	LP118	◆	11V
T2500										
2.5 Diesel		XA	2500	4	10/80	▶		LP025		11V
T3000										
3.0 Diesel		HA	2977	4	1977	▶		LP025		11V
T4100										
4.1 Diesel		ZB	4052	6	10/80	▶		LP025		11V



MCC SMART

CABRIO										
0.8 CDI Diesel		OM660 DE8LA	799	3	03/01 ▶	01/04	LP061	◇	11V	
CITY COUPE										
0.8 CDI Diesel		OM660 DE8LA	799	3	11/99 ▶	01/04	LP061	◇	11V	
FORFOUR										
1.5 Diesel			1493	3	09/04 ▶	2006	LP101		11V	
SMART										
0.8 Turbo Diesel		OM660	796	3	07/98 ▶		LP061		11.5V	

MERCEDES

190 (201)										
2.0 Diesel		OM601	1997	4	03/83 ▶	01/89	LP020		11.5V	
		OM601	1997	4	02/89 ▶	05/93	LP021		11.5V	
2.5 Diesel		OM602	2497	5	04/85 ▶	01/89	LP020		11.5V	
		OM602	2497	5	02/89 ▶	05/93	LP021		11.5V	
2.5 Turbo Diesel		OM602A	2497	5	04/85 ▶	01/89	LP020		11.5V	
		OM602A	2497	5	02/89 ▶	05/93	LP021		11.5V	
200 (123)										
200 D		OM615	1988	4	08/80 ▶	11/85	LP020		11.5V	
200 (124)										
200 D		OM601.912	1997	4	12/84 ▶	01/89	LP020		11.5V	
		OM601.912	1997	4	02/89 ▶	06/93	LP021		11.5V	
200 Turbo Diesel		OM601	1997	4	12/84 ▶	01/89	LP020		11.5V	
		OM601	1997	4	02/89 ▶	06/93	LP021		11.5V	
207D										
2.4 Diesel		OM616	2399	4	09/82 ▶	09/88	LP020		11.5V	
		OM616	2399	4	05/77 ▶	08/82	LP006		0.9V	
208D										
2.3 Diesel		OM601	2299	4	10/88 ▶	03/95	LP021		11.5V	
209D										
3.0 Diesel		OM617.913	3000	5	04/82 ▶	09/88	LP020		11.5V	
210D										
2.9 Diesel		OM602	2874	5	10/88 ▶		LP021		11.5V	
240 (123)										
240 Diesel		OM616.912	2399	4	08/80 ▶	11/85	LP020		11.5V	
240 Turbo Diesel		OM616	2399	4	08/80 ▶	11/85	LP020		11.5V	
250 (124)										
250 Diesel		OM602.912	2497	5	4/85 ▶	01/89	LP020		11.5V	
		OM602.912	2497	5	2/89 ▶	06/93	LP021		11.5V	
250 Turbo Diesel		OM602A	2497	5	4/85 ▶	01/89	LP020		11.5V	
		OM602A	2497	5	2/89 ▶	06/93	LP021		11.5V	
300 (123)										
300 Diesel		OM617.912	2998	5	08/80 ▶	11/85	LP020		11.5V	
		OM617.910	2998	5	08/80 ▶	11/85	LP020		11.5V	
300 Turbo Diesel		OM617	2998	5	08/80 ▶	11/85	LP020		11.5V	
300 (124)										
300 Diesel		OM603	2996	6	12/84 ▶	01/89	LP020		11.5V	
		OM603	2996	6	02/89 ▶	06/93	LP021		11.5V	
300 Turbo Diesel		OM603	2996	6	12/84 ▶	01/89	LP020		11.5V	
		OM603	2996	6	02/89 ▶	06/93	LP021		11.5V	
A-CLASS (168)										
A170 CDi Diesel		OM668.940, 941, 942	1689	4	01/98 ▶		LP057		11V	
A-CLASS (169)										
A160 CDI		OM640.942	1991	4	09/04 ▶		LP107	◆	4.4V	
A180 CDI		OM640.940	1991	4	09/04 ▶		LP107	◆	4.4V	
A200 CDI		OM640.941	1991	4	09/04 ▶		LP107	◆	4.4V	
B-CLASS (245)										
B180 CDI			1991	4	03/05 ▶		LP107	◆	4.4V	
B200 CDI			1991	4	03/05 ▶		LP107	◆	4.4V	
C-CLASS (202)										
C200 CDi Diesel		OM611.960	1997	4	03/98 ▶		LP055		11.5V	
C200 Diesel	16V	OM601	1997	4	07/93 ▶		LP021		11.5V	
	16V	OM604.915	1997	4	10/96 ▶		LP040		11.5V	6. with immobiliser
C220 CDi Diesel	16V	OM611.960	2151	4	09/97 ▶		LP055		11.5V	
C220 Diesel	16V	OM604.910	2155	4	07/93 ▶		LP039		11.5V	7. without immobiliser
	16V	OM604.910	2155	4	07/93 ▶		LP040		11.5V	6. with immobiliser
C250 Diesel	20V	OM605.910	2497	5	07/93 ▶		LP039		11.5V	7. without immobiliser
	20V	OM605.910	2497	5	07/93 ▶		LP040		11.5V	6. with immobiliser
C250 Turbo Diesel		OM605.960	2497	5	07/93 ▶		LP040		11.5V	6. with immobiliser



MERCEDES (continued)

C-CLASS (203)

C200 CDI Diesel		OM646.962	2148	4	02/01	▶		LP055	◇	11.5V
		OM611.962	2148	4	09/00	▶		LP055	◇	11.5V
		OM646.962	2148	4	04/03	▶		LP055	◇	11.5V
C220 CDI Diesel		OM611.962	2148	4	02/99	▶		LP055		11.5V
C270 CDI Diesel		OM612.962	2685	5	04/01	▶		LP055		11.5V
C320 CDI Diesel	20V		2950	5	09/02	▶		LP091		5V

C-CLASS (204)

C320 CDI Diesel			2950	5	01/07	▶		LP107	◆	4.4V
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CLK (209)

220 CDi		OM646.963	2148	4	01/05	▶		LP107	◆	4.4V
270 CDi		OM612.962/967	2685	5	10/02	▶		LP055		11.5V
320 CDi		OM642.910	2987	6	01/05	▶		LP107	◆	4.4V

CLS-CLASS (219)

320 CDi		OM642.910	2987	6	01/05	▶		LP107	◆	4.4V
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E-CLASS (124)

E200 Diesel		OM601.912	1997	4	07/93	▶		LP021		11.5V
E250 Diesel		OM605.911	2497	5	07/93	▶		LP040		11.5V
		OM605.911	2497	5	07/93	▶		LP039		11.5V
		OM602.912	2497	5	07/93	▶		LP021		11.5V
E250 Turbo Diesel		OM602.962	2497	5	07/93	▶		LP021		11.5V
E300 Diesel	24V	OM606.910	2996	6	03/95	▶		LP040		11.5V
E300 Turbo Diesel		OM603.960	2996	6	07/93	▶		LP021		11.5V
		OM603.963	2996	6	07/93	▶		LP021		11.5V

E-CLASS (210)

E200 CDi Diesel		OM611.961	1997	4	06/98	▶		LP055		11.5V
E200 Diesel		OM604.917	1997	4	01/96	▶		LP040		11.5V
E220 CDi Diesel		OM611.961	2155	4	06/98	▶		LP055		11.5V
E220 Diesel	16V	OM604.912	2155	4	03/95	▶		LP040		11.5V
E250 Diesel	20V	OM605.912	2497	5	03/95	▶		LP040		11.5V
E250 Turbo Diesel		OM602	2497	5	07/93	▶		LP021		11.5V
		OM602	2497	5	07/93	▶		LP040		11.5V
E270 CDi Diesel	20V	OM612.961	2685	5	1999	▶		LP055		11.5V
E290 TDi Turbo Diesel		OM602.982	2874	5	06/95	▶		LP045		11.5V
E300 Diesel		OM606.912	2996	6	03/95	▶		LP040		11.5V
E300 Turbo Diesel		OM606.962	2996	6	12/96	▶		LP040		11.5V
E320 CDi Diesel	24V	OM613.961	3222	6	02/98	▶		LP055		11.5V

E-CLASS (211)

E200 CDi Diesel		OM646.820	2148	4	04/06	▶		LP055	◇	11.5V
		OM646.951	2148	4	07/02	▶		LP055	◇	11.5V
		OM646.951	2148	4	07/02	▶		LP055	◇	11.5V
E220 CDi Diesel		OM611.961	2155	4	03/02	▶		LP055		11.5V
E270 Turbo Diesel		OM646.961	2685	5	06/02	▶		LP055		11.5V
E280 CDi Diesel		OM642.920	3222	6	03/05	▶		LP107	◆	4.4V
		OM648.961	2987	6	05/04	▶		LP055	◇	11.5V
E280 CDi Diesel 4 Matic		OM642.921	2987	6	03/05	▶		LP107	◆	4.4V
E320 CDi Turbo Diesel		OM613.961	3222	6	04/01	▶		LP055		11.5V
E400 CDi Diesel			3996	8	02/03	▶		LP055	◇	11.5V
E420 CDi Diesel			3996	8	01/06	▶		LP107	◆	4.4V

G-CLASS (460)

240 Diesel		OM616.936	2399	4	08/80	▶	08/87	LP020		11.5V
250 Diesel		OM602.930	2497	5	09/87	▶	01/89	LP020		11.5V
		OM602.930	2497	5	02/89	▶	07/93	LP021		11.5V
300 Diesel		OM603.912	2996	6	08/80	▶	01/89	LP020		11.5V

G-CLASS (461)

250 Diesel		OM602.939	2497	5	02/90	▶		LP021	◇	11.5V
290 Diesel		OM602.942	2874	5	08/93	▶		LP021		11.5V
		OM602.947	2874	5	08/93	▶		LP021		11.5V

G-CLASS (463)

250 Diesel		OM602.931	2497	5	09/89	▶	06/93	LP021		11.5V
270 CDi Diesel		OM612.966	2685	5	10/01	▶		LP055	◇	11.5V
300 Diesel		OM603.931	2996	6	02/89	▶	06/93	LP021		11.5V
350 Diesel		OM603.972	3499	6	09/91	▶		LP021		11.5V
400 CDi Diesel		OM628.962	3996	6	12/00	▶		LP055	◇	11.5V

GL-CLASS (X164)

320 CDi Diesel		OM642.822	2987	6	09/06	▶		LP107	◆	4.4V
420 CDi Diesel		OM629.912	3996	8	09/06	▶		LP107	◆	4.4V

M-CLASS (163)

2.7 CDi Diesel		OM612.963	2685	4	02/98	▶		LP055		11.5V
4.0 CDi Turbo Diesel		OM628.963	3996	8	09/01	▶		LP055		11.5V



MERCEDES (continued)

M-CLASS (164)												
280 CDI Diesel 4 Matic		OM642.940			6	07/05	▶		LP107	◆	4.4V	
320 CDI Diesel 4 Matic		OM642.940			6	07/05	▶		LP107	◆	4.4V	
420 CDI Diesel 4 Matic		OM629.912			8	02/06	▶		LP107	◆	4.4V	
R-CLASS (251)												
280 CDI Diesel 4 Matic		OM6422.950			6	05/06	▶		LP107	◆	4.4V	
320 CDI Diesel 4 Matic		OM6422.950			6	01/06	▶		LP107	◆	4.4V	
S-CLASS (140)												
300 Diesel		OM603.971			2996	6	02/92	▶	09/92	LP021		11.5V
300 Turbo Diesel		OM606.961	6. with immobiliser		2996	6	05/96	▶		LP040		11.5V
350 Turbo Diesel		OM603.971			3449	6	03/93	▶		LP021		11.5V
S-CLASS (220)												
320 CDI Diesel		OM613.960			3226	6	1999	▶		LP055		11.5V
400 CDI Turbo Diesel		OM628.960			3996	8	06/03	▶		LP055		11.5V
S-CLASS (221)												
320 CDI Diesel		OM642.930			2987	6	12/05	▶		LP107	◆	4.4V
420 CDI Diesel		OM629.911			3996	8	10/06	▶		LP107	◆	4.4V
Vaneo (414)												
170 CDI Diesel		OM668			1689	4	05/02	▶		LP055		11.5V
V-CLASS MPV (638/2)												
200 CDI Diesel		OM611.980			1977	4	09/03	▶		LP055		11.5V
220 CDI Diesel		OM611.980			2151	4	1999	▶		LP055		11.5V
230 Turbo Diesel		OM601.970			2299	4	09/96	▶		LP021		11.5V
Viano (639)												
200 CDI Diesel					1977	4	09/03	▶		LP055		11.5V
220 CDI Diesel		OM611.982			2151	4	09/03	u		LP055		11.5V
108D VITO												
2.3 Diesel		OM601			2299	4	02/96	▶		LP021		11.5V
110D VITO												
2.1 CDI Diesel		OM611.960			2155	4	03/98	▶		LP055		11.5V
2.3 Diesel		OM601			2299	4	02/96	▶		LP021		11.5V
112D VITO												
2.2 CDI Diesel		OM611			2155	4	1999	▶		LP055		11.5V
307D												
2.4 Diesel		OM616			2399	4	05/77	▶	08/82	LP006		0.9V
		OM616			2399	4	09/82	▶	09/88	LP020		11.5V
308D SPRINTER												
2.3 Diesel		OM601			2299	4	10/88	▶	03/95	LP021		11.5V
309												
3.0 Diesel		OM617			3000	5	04/82	▶	09/88	LP020		11.5V
310D												
2.9 Diesel		OM602			2874	5	10/88	▶		LP021		11.5V
350 (126)												
350 Diesel		OM603.970 USA			3499	6	03/90	▶	06/91	LP021		11.5V
350 Turbo Diesel		OM603.970 USA			3499	6	03/90	▶	06/91	LP021		11.5V
407D												
2.4 Diesel		OM616			2404	4	05/77	▶	08/82	LP006		0.9V
		OM616			2404	4	09/82	▶	09/88	LP020		11.5V
408												
2.3 Diesel		OM601			2299	4	10/88	▶	03/95	LP021		11.5V
409												
3.0 Diesel		OM617			3000	5	04/82	▶	09/88	LP020		11.5V
410D												
2.9 Diesel		OM602			2874	5	10/88	▶		LP021		11.5V
507D												
2.4 Diesel		OM616			2399	4	04/82	▶	09/88	LP020		11.5V
508D												
2.3 Diesel		OM601			2299	4	03/89	▶		LP021		11.5V
511												
4.0 Diesel		OM364LA	5. Euro 2		3972	4	04/95	▶		LP045		11.5V
611												
4.0 Diesel		OM364LA	5. Euro 2		3972	4	04/95	▶		LP045		11.5V
711												
4.0 Diesel		OM364LA	5. Euro 2		3972	4	04/95	▶		LP045		11.5V
714												
4.0 Diesel		OM364LA	5. Euro 2		3972	4	04/95	▶		LP045		11.5V

34 LUCAS GLOW PLUGS



MERCEDES (continued)										
811										
4.0 Diesel		OM364LA	5. Euro 2	3972	4	04/95 ▶		LP045		11.5V
814										
4.0 Diesel		OM364LA	5. Euro 2	3972	4	04/95 ▶		LP045		11.5V
MB100										
2.4 Diesel		OM616.963		2404	4	09/87 ▶	01/89	LP020		11.5V
		OM616.963		2404	4	02/89 ▶		LP021		11.5V
SPRINTER 208D										
2.2 CDi Diesel		OM611.981		2151	4	04/00 ▶		LP055		11.5V
2.3 Diesel		OM601		2299	4	04/95 ▶		LP021		11.5V
SPRINTER 211										
2.1 CDi Diesel				2148	4	06/06 ▶		LP055	◇	11.5V
SPRINTER 211D										
2.2 CDi Diesel		OM611.981		2151	4	04/00 ▶		LP055		11.5V
SPRINTER 212D										
2.9 TDi Turbo Diesel		OM602.980.10 DE LA to eng no 9849		2874	5	04/95 ▶		LP034		11V
		OM602.980.10 DE LA from eng no 9850		2874	5	04/95 ▶		LP045		11.5V
		OM602.980.12 DE LA to eng no 136		2874	5	04/95 ▶		LP034		11V
		OM602.980.12 DE LA from eng no 137		2874	5	04/95 ▶		LP045		11.5V
SPRINTER 213D										
2.2 CDi Diesel		OM611.981		2151	4	04/00 ▶		LP055		11.5V
SPRINTER 215 CDi										
2.1 CDi Diesel				2148	4	06/06 ▶		LP055	◇	11.5V
SPRINTER 216D										
2.7 CDi Diesel		OM612.981		2686	5	04/00 ▶		LP055		11.5V
SPRINTER 308D										
2.2 CDi Diesel		OM611.981		2151	4	04/00 ▶		LP055		11.5V
2.3 Diesel		OM601		2299	4	04/95 ▶		LP021		11.5V
SPRINTER 311 CDi										
2.1 CDi Diesel				2148	4	06/06 ▶		LP055	◇	11.5V
SPRINTER 311D										
2.2 CDi Diesel		OM611.981		2151	4	04/00 ▶		LP055		11.5V
SPRINTER 312D										
2.9 TDi Turbo Diesel		OM602.980.10 DE LA to eng no 9849		2874	5	04/95 ▶		LP034		11V
		OM602.980.10 DE LA from eng no 9850		2874	5	04/95 ▶		LP045		11.5V
		OM602.980.12 DE LA to eng no 136		2874	5	04/95 ▶		LP034		11V
		OM602.980.12 DE LA from eng no 137		2874	5	04/95 ▶		LP045		11.5V
SPRINTER 313D										
2.2 CDi Diesel		OM611.981		2151	4	04/00 ▶		LP055		11.5V
SPRINTER 315 CDi										
2.1 CDi Diesel				2148	4	06/06 ▶		LP055	◇	11.5V
SPRINTER 316D										
2.7 CDi Diesel		OM612.981		2686	5	04/00 ▶		LP055		11.5V
SPRINTER 408D										
2.2 CDi Diesel		OM611.981		2151	4	04/00 ▶		LP055		11.5V
2.3 Diesel		OM601		2299	4	04/95 ▶		LP021		11.5V
SPRINTER 411D										
2.2 CDi Diesel		OM611.981		2151	4	4/00 ▶		LP055		11.5V
SPRINTER 412D										
2.9 TDi Turbo Diesel		OM602.980.12 DE LA from eng no 137		2874	5	04/95 ▶		LP045		11.5V
		OM602.980.12 DE LA to eng no 136		2874	5	04/95 ▶		LP034		11V
		OM602.980.10 DE LA from eng no 9850		2874	5	04/95 ▶		LP045		11.5V
		OM602.980.10 DE LA to eng no 9849		2874	5	04/95 ▶		LP034		11V
SPRINTER 413D										
2.2 CDi Diesel		OM611.981		2151	4	4/00 ▶		LP055		11.5V
SPRINTER 416D										
2.7 CDi Diesel		OM612.981		2686	5	4/00 ▶		LP055		11.5V
SPRINTER 509 CDi										
2.1 CDi Diesel				2148	4	06/06 ▶		LP055	◇	11.5V
SPRINTER 511 CDi										
2.1 CDi Diesel				2148	4	06/06 ▶		LP055	◇	11.5V
SPRINTER 515 CDi										
2.1 CDi Diesel				2148	4	06/06 ▶		LP055	◇	11.5V
UNIMOG										
1.8 Diesel		OM636.914		1798	4	1966 ▶		LP006		0.9V
2.0 Diesel		OM621		1988	4	1966 ▶		LP006		0.9V
2.4 Diesel		OM616.912		2404	4	01/88 ▶		LP020		11.5V
2.5 Diesel		OM616.915		2450	4	1970 ▶		LP006		0.9V
2.9 Diesel		OM602.948		2874	5	11/92 ▶		LP021		11.5V
3.0 Diesel		OM602.941		2996	5	11/92 ▶		LP021		11.5V



MERCEDES (continued)

VITO (638)										
2.0 CDI Diesel			1977	4	03/99 ▶	07/03	LP055			11.5V
2.2 CDI Diesel		OM611.980	2151	4	03/99 ▶	07/03	LP055			11.5V
		OM611.960	2151	4	03/99 ▶	07/03	LP055			11.5V
2.3 Diesel		OM601.942	2299	4	02/96 ▶	07/03	LP021			11.5V
2.3 Turbo Diesel		OM601.970	2299	4	02/96 ▶	07/03	LP021			11.5V
VITO (639)										
109 CDI Diesel			2148	4	09/03 ▶		LP055	◇		11.5V
			2148	4	09/06 ▶		LP055	◇		11.5V
111 CDI Diesel		OM646.982	2148	4	09/03 ▶		LP055	◇		11.5V
115 CDI Diesel		OM646.982	2148	4	09/03 ▶		LP055	◇		11.5V

MG ROVER

MG ZR										
2.0 TDi Turbo Diesel			1994	4	2001 ▶	2005	LP041			11V
MG ZS										
2.0 TDi Turbo Diesel			1994	4	2002 ▶	2005	LP041			11V
MG ZT										
2.0 CDTi Turbo Diesel		M47 (BMW)	1951	4	2002 ▶	2005	LP053			11V

MINI

MINI										
One D		1ND	1364	4	06/03 ▶	2007	LP094			11V

MITSUBISHI

CARISMA										
1.9 Turbo Diesel		F8Q 740 (Renault)	1870	4	1995 ▶		LP026			11V
COLT										
1.8 Diesel		4D65	1795	4	1983 ▶	1990	LP010			12V
COLT III										
1.8 Diesel GLX		4D56	1796	4	04/88 ▶	05/92	LP132	◆		12V
COLT V										
1.5 DI-D		OM639	1493	4	08/04 ▶		LP133	◇		11.5V
DELICA										
2.5 Turbo Diesel		4D56T	2476	4	06/93 ▶		LP067			11V
GALANT										
1.8 Diesel		4D65	1795	4	1984 ▶		LP010			12V
1.8 Turbo Diesel		4D65T	1795	4	1984 ▶		LP010			12V
2.0 Turbo Diesel		4D68T	1998	4	11/92 ▶	08/96	LP067			11V
		4D68 SOHC	1998	4	09/96 ▶	10/04	LP067			11V
2.3 Turbo Diesel		4D55T	2346	4	1980 ▶		LP010			12V
		4D55T	2346	4	01/80 ▶	12/84	LP044			6V
										8. Quick Glow System
GRANDIS										
2.0 DI-D		BSY	1968	4	09/05 ▶		LP087	◇		5V
L200 PICKUP										
2.3 Diesel		4D55	2346	4	04/83 ▶	10/86	LP010			12V
2.5 Diesel		4D56	2476	4	11/86 ▶	1993	LP010			12V
		4D56	2476	4	1993 ▶	08/96	LP067			11V
2.5 Turbo Diesel		4D56T	2476	4	11/92 ▶	10/93	LP010			12V
L300 VAN										
2.3 Diesel		4D55	2346	4	04/83 ▶	10/86	LP010			12V
2.5 Diesel		4D56	2476	4	11/86 ▶		LP010			12V
		4D56	2476	4	1990 ▶		LP044			6V
2.5 Turbo Diesel		4D56T	2476	4	1987 ▶		LP044			6V
										8. Quick Glow System
LANCER										
1.8 Diesel		4D65	1795	4	1984 ▶		LP010			12V
2.0 Diesel		4D68	1998	4	01/94 ▶	09/97	LP067			11V
MONTERO										
2.3 Diesel		4D55	2346	4	05/82 ▶	11/82	LP044			6V
2.5 Turbo Diesel		4D56T	2476	4	1982 ▶		LP044			6V
		4D56T	2476	4	05/86 ▶		LP010			12V
2.8 TDi Turbo Diesel		4M40	2835	6	1994 ▶		LP082			11V
OUTLANDER										
2.0 DI-D			1968	4	02/07 ▶		LP130	◆		4.4V
PAJERO										
2.3 Diesel		4D55	2346	4	01/83 ▶	12/84	LP044			6V
2.3 Turbo Diesel		4D55T	2346	4	12/80 ▶	04/86	LP010			12V
2.5 Diesel		4D56	2476	4	05/86 ▶	06/93	LP010			12V
		4D56	2476	4	07/93 ▶		LP067			11V



NISSAN (continued)											
PATHFINDER											
2.5 dCi 4WD				2488	4	10/06	▶		LP124	◆	11V
				2488	4	03/05	▶		LP079	◇	11V
2.5 Turbo Diesel		TD25		2494	4	1993	▶		LP013		11V
2.7 Turbo Diesel		TD27		2663	4	1988	▶		LP013		11V
		TD27T		2663	4	1993	▶		LP032		11V
PATROL 10. Warning - check vehicle voltage											
2.8 Diesel		RD28	11. cyls 1, 2, & 3 only	2825	6	1987	▶		LP025		11V
		RD28	12. cyls 4, 5, & 6 only	2825	6	1987	▶		LP031		6.5V
2.8 Turbo Diesel		RD28T	12. cyls 4, 5, & 6 only	2825	6	1987	▶		LP031		6.5V
		RD28T	11. cyls 1, 2, & 3 only	2825	6	1987	▶		LP025		11V
3.2 Diesel		SD33	3. For 12 Volt System	3246	6	1982	▶		LP012		11V
		SD33	4. For 24 Volt System	3246	6	1982	▶		LP014		23V
3.2 Turbo Diesel		SD33T	3. For 12 Volt System	3246	6	1982	▶		LP012		11V
		SD33T	4. For 24 Volt System	3246	6	1982	▶		LP014		23V
			4. For 24 Volt System	3246	6	08/88	▶	06/90	LP030		24V
4.2 Turbo Diesel		TD42		4200	6	1985	▶		LP013		11V
PRIMASTAR											
1.9 DCi Turbo Diesel		F9Q 760		1870	4	2002	▶		LP073		11V
PRIMERA											
2.0 Diesel		CD20		1974	4	1991	▶	04/96	LP023		11V
2.0 Turbo Diesel		CD20T		1974	4	1996	▶		LP023		11V
2.2 Di Turbo Diesel		Y22DET		2184	4	04/02	▶		LP085		11V
QASHQAI											
1.5 DCi Turbo Diesel				1461	4	02/07	▶		LP127	◆	11V
SERENA											
2.0 Diesel		LD20		1952	4	1993	▶		LP025		11V
2.3 Diesel		LD23		2283	4	10/94	▶		LP032		11V
		LD23		2283	4	03/98	▶		LP062		11V
SKYLINE											
2.0 Diesel		LD20		1952	4	10/81	▶		LP011		8.5V
2.8 Diesel		LD28		2792	6	08/81	▶		LP011		8.5V
SUNNY FWD											
1.7 Diesel		CD17		1681	4	1986	▶	12/91	LP025		11V
2.0 Diesel		CD20		1974	4	1991	▶		LP023		11V
TERRANO											
2.7 Turbo Diesel		TD27		2663	4	1986	▶	01/93	LP013		11V
		TD27		2663	4	02/93	▶		LP032		11V
TERRANO II											
2.7 TDi Turbo Diesel		TD27TDI		2664	4	10/97	▶		LP079		11V
2.7 Turbo Diesel		TD27		2663	4	05/96	▶	09/97	LP032		11V
3.0 DTi Turbo Diesel	16V	TD30DTI		2953	4	02/99	▶		LP084		11V
URVAN 10. Warning - check vehicle voltage											
2.3 Diesel		SD23		2289	4	04/85	▶	11/88	LP014		23V
2.3 Turbo Diesel		TD23		2289	4	1987	▶		LP013		11V
2.5 Turbo Diesel		TD25		2494	4	12/88	▶		LP013		11V
2.7 Turbo Diesel		TD27		2663	4	1988	▶		LP013		11V
VANETTE											
2.0 Diesel		LD20		1952	4	1982	▶		LP011		8.5V
		LD20II		1952	4	1986	▶		LP025		11V
2.3 Diesel		LD23		2283	4	1995	▶		LP032		11V
X-TRAIL											
2.2 Di Turbo Diesel 4x4		YD22ETI		2184	4	07/01	▶		LP117	◆	11V
OPEL											
AGILA											
1.3 CDTi Turbo Diesel		Z13DT		1248	4	08/03	▶		LP098	◇	11V
ARENA											
1.9 Diesel		F8Q (Renault)		1870	4	03/98	▶	08/01	LP050		11V
2.5 Diesel		S8U (Renault)		2499	4	03/98	▶	08/01	LP005		11.5V
ASCONA C											
1.6 Diesel		16D		1598	4	1982	▶	08/88	LP033		11V
		16DA		1598	4	1987	▶	08/88	LP033		11V
ASTRA											
1.7 Diesel		17D, 17DR		1699	4	10/91	▶	08/94	LP033		11V
1.7 Turbo Diesel		4EE1T Isuzu to eng no 956632		1686	4	10/91	▶	02/98	LP025		11V
		4EE1T Isuzu from eng no 956633		1686	4	10/91	▶	02/98	LP065		11V
		X17DTL ECO-TD Low Pressure Tur		1699	4	10/94	▶	02/98	LP034		11V



OPEL (continued)

ASTRA G										
1.7 DTi Turbo Diesel	16V	Y17DIT (Isuzu)	1686	4	2000	▶	2004	LP076		11V
1.7 Turbo Diesel		X17DTL ECO-TD Low Pressure Tur	1699	4	02/98	▶	08/00	LP034		11V
2.0 Di Diesel	16V	X20DTL	1994	4	02/98	▶	2004	LP059		11V
2.0 DTi Turbo Diesel	16V	X20DTH	1994	4	08/99	▶	2004	LP059		11V
	16V	Y20DTL	1995	4	08/99	▶	2004	LP059		11V
2.0 TDi Turbo Diesel	16V	X20DLC	1998	4	04/98	▶	2004	LP059		11V
2.2 DTi Turbo Diesel	16V	Y22DTR	2171	4	09/02	▶	2004	LP076		11V
ASTRA H										
1.3 CDTi Turbo Diesel		Z13DTH	1248	4	08/05	▶		LP098	◇	11V
1.7 CDTi Turbo Diesel		Z17DTL	1686	4	08/04	▶		LP076	◇	11V
1.9 CDTi Turbo Diesel	16V	Z19DT	1910	4	09/05	▶		LP072	◇	11V
		Z19DT	1910	4	09/05	▶		LP072	◇	11V
		Z19DTJ	1910	4	08/04	▶		LP101	◇	11V
		Z19DTH	1910	4	09/04	▶		LP101	◇	11V
ASTRA H, GTC										
1.9 CDTi Turbo Diesel		Z19DT	1910	4	09/05	▶	07/07	LP072	◇	11V
ASTRA H, TWINTOP										
1.9 CDTi Turbo Diesel		Z19DTH	1910	4	09/05	▶		LP101	◇	11V
CAMPO										
2.2 Diesel		C223D	2238	4	1991	▶		LP029		11V
2.5 Turbo Diesel		4JA1/T	2499	4	08/91	▶		LP112	◆	11V
3.1 Turbo Diesel		4JG2TC (Isuzu)	3059	4	03/95	▶		LP025		11V
COMBO										
1.3 CDTi Turbo Diesel		Z13DT/J	1248	4	08/05	▶		LP098	◇	11V
1.5 Diesel		4EC1 (Isuzu)	1488	4	1993	▶		LP065		11V
1.5 Turbo Diesel		4EC1T (Isuzu)	1488	4	1993	▶		LP065		11V
1.7 Di Diesel	16V	Y17DTL (Isuzu)	1586	4	10/01	▶		LP076		11V
1.7 DTi Turbo Diesel	16V	Y17DT (Isuzu)	1686	4	10/01	▶		LP076		11V
1.7 Turbo Diesel		X17DTL (GM Low-Blow)	1699	4	1993	▶		LP034		11V
		4EE1T (Isuzu)	1686	4	1993	▶		LP065		11V
CORSA A 2. Warning - care should be taken in selecting the correct voltage										
1.5 Diesel		4EC1 (Isuzu) to eng no 804794	1488	4	09/87	▶	02/93	LP002		5V
		4EC1 (Isuzu) from eng no 804795	1488	4	09/87	▶	02/93	LP029		11V
1.5 Turbo Diesel		4EC1T (Isuzu) to eng no 804794	1488	4	03/88	▶	02/93	LP003		5V
		4EC1T (Isuzu) from eng no 804795	1488	4	03/88	▶	02/93	LP025		11V
CORSA B										
1.5 Diesel		4EC1 (Isuzu)	1488	4	03/93	▶	2000	LP065		11V
1.5 Turbo Diesel		4EC1T (Isuzu)	1488	4	03/93	▶	2000	LP065		11V
1.7 Turbo Diesel		4EE1T Isuzu	1686	4	03/93	▶	2000	LP065		11V
CORSA C										
1.3 CDTi Turbo Diesel		Z13DT	1248	4	06/03	▶	2006	LP098	◇	11V
1.7 Di Diesel	16V	Y17DT (Isuzu)	1686	4	2000	▶	2006	LP076		11V
1.7 DTi Turbo Diesel	16V	Y17DT (Isuzu)	1686	4	2000	▶	2006	LP076		11V
CORSA D										
1.3 CDTi Turbo Diesel		Z13DTJ/H	1248	4	07/06	▶		LP098	◇	11V
FRONTERA										
2.2 DTi Turbo Diesel	16V	X22DTH	2171	4	1997	▶	08/00	LP059		11V
	16V	Y22DTR	2171	4	09/00	▶		LP076		11V
2.3 Turbo Diesel		23YDT	2260	4	10/91	▶		LP034		11V
		23DTR	2260	4	03/92	▶	02/95	LP033	◇	11V
2.5 TDS Turbo Diesel		VM41B	2499	4	09/96	▶		LP043		11V
2.8 Turbo Diesel		4JB1T (Isuzu)	2771	4	1992	▶		LP028		11V
		4JB1T (Isuzu)	2771	4	04/95	▶		LP002		9V
KADETT D										
1.6 Diesel		16D	1598	4	03/82	▶	08/84	LP033		11V
KADETT E 2. Warning - care should be taken in selecting the correct voltage										
1.5 Diesel		4EC1 (Isuzu) from eng no 804795	1488	4	09/87	▶	02/93	LP029		11V
		4EC1 (Isuzu) to eng no 804794	1488	4	09/87	▶	02/93	LP002		5V
1.5 Turbo Diesel		4EC1T (Isuzu)	1488	4	09/88	▶	08/91	LP003		5V
1.6 Diesel		16D	1598	4	09/84	▶	01/89	LP033		11V
		16DA	1598	4	09/85	▶	01/89	LP033		11V
1.7 Diesel		17DR	1699	4	02/89	▶	08/91	LP034		11V
		17D, 17YD	1699	4	1988	▶	08/91	LP033		11V
1.7 Turbo Diesel		4EE1T Isuzu to eng no 817252	1686	4	02/90	▶	08/91	LP003		5V
		4EE1T Isuzu from eng no 817253	1686	4	02/90	▶	08/91	LP025		11V
MERIVA										
1.3 CDTi Turbo Diesel		Z13DTJ	1248	4	09/03	▶		LP098	◇	11V
1.7 DTi Turbo Diesel		Y17DT (Isuzu)	1686	4	09/03	▶		LP076		11V



OPEL (continued)

2. Warning - care should be taken in selecting the correct voltage										
MIDI										
2.0 Turbo Diesel		20D	1998	4	02/86	▶	08/94	LP003		5V
2.2 Diesel		22D	2189	4	02/86	▶	08/94	LP003		5V
MONTEREY										
3.0 DTi Turbo Diesel		4JX1	2999	4	07/98	▶	08/99	LP078		11V
3.1 Turbo Diesel		4JG2TC (Isuzu)	3059	4	06/92	▶		LP025		11V
MOVANO										
1.9 DTi Turbo Diesel		F9Q 770 (Renault)	1870	4	2001	▶		LP073		11V
2.2 DCi Turbo Diesel		G9T 720 (Renault)	2188	4	09/00	▶		LP075		11V
2.5 DCi Turbo Diesel		G9U (Renault)	2463	4	10/00	▶		LP075		11V
2.5 Diesel		S8U (Renault)	2499	4	07/98	▶	09/00	LP005		11.5V
2.8 DTi Turbo Diesel		S9W 702	2799	4	01/99	▶	01/08	LP108	◆	11V
OMEGA A										
2.3 Diesel		23YD	2260	4	1986	▶	1994	LP033		11V
2.3 Turbo Diesel		23DTR	2260	4	09/88	▶	01/94	LP034		11V
		23YDT	2260	4	1986	▶	1994	LP033		11V
OMEGA B										
2.0 TDi Turbo Diesel	16V	X20DLC	1998	4	09/96	▶	08/97	LP049		11V
	16V	X20DLC	1998	4	09/97	▶		LP059		11V
2.2 DTi Turbo Diesel	16V	Y22DTH, Y22DTR	2172	4	2000	▶	1994	LP077		11V
2.5 Turbo Diesel	12V	U25TD, X25TD BMW M51D	2499	6	1995	▶	1994	LP035		11V
REKORD										
2.3 Diesel		23YD	2260	4	1982	▶		LP033		11V
		23D	2260	4	1979	▶		LP033		11V
2.3 Turbo Diesel		23YDT	2260	4	1982	▶		LP033		11V
SENATOR										
2.3 Turbo Diesel		23YDT	2260	4	11/84	▶	08/87	LP033		11V
SIGNUM										
1.9 CDTi Turbo Diesel	16V	Z19DHT	1910	4	04/04	▶		LP101		11V
2.0 DTi Turbo Diesel	16V		1995	4	05/03	▶		LP059		11V
2.2 DTi Turbo Diesel	16V		2172	4	05/03	▶		LP077		11V
3.0 CDTi Turbo Diesel		Y30DT	2958	V6	06/03	▶		LP115	◆	11V
		Z30DT	2959	V6	08/05	▶		LP115	◆	11V
SINTRA										
2.2 DTi Turbo Diesel	16V	X22DTH	2198	4	01/98	▶		LP059		11V
TIGRA TWIN TOP										
1.3 CDTi Turbo Diesel		Z13DT	1248	4	06/04	▶		LP098	◇	11V
VECTRA A										
1.7 Diesel		17D	1699	4	10/88	▶	05/93	LP034		11V
1.7 Turbo Diesel		4EE1T (Isuzu) to eng no 9209 / 731417	1686	4	03/90	▶	11/95	LP029		11V
		4EE1T (Isuzu) from eng no 9210 / 731418	1686	4	03/90	▶	11/95	LP065		11V
VECTRA B										
1.7 Turbo Diesel		4EE1T (Isuzu)	1686	4	10/95	▶		LP065		11V
2.0 Di Turbo Diesel	16V	X20DTLC	1994	4	08/96	▶	08/97	LP049		11V
2.0 DTi Turbo Diesel	16V	X20DTH	1998	4	09/97	▶	07/99	LP059		11V
2.0 DTi Turbo Diesel	16V	X20DTH	1995	4	08/99	▶	04/02	LP077		11V
	16V	Y20DTH	1995	4	06/97	▶	07/99	LP059		11V
	16V	Y20DTH	1995	4	08/99	▶	04/02	LP076		11V
2.2 DTi Turbo Diesel	16V	Y22DTH	2198	4	2001	▶		LP077		11V
VECTRA C										
1.9 CDTi Turbo Diesel		Z19DHT	1910	4	04/04	▶		LP101		11V
2.0 DTi Turbo Diesel	16V		1995	4	04/04	▶		LP076		11V
2.2 DTi Turbo Diesel	16V		2198	4	04/04	▶		LP076		11V
3.0 CDTi Turbo Diesel		Y30DT	2958	V6	06/03	▶		LP115	◆	11V
		Z30DT	2959	V6	08/05	▶		LP115	◆	11V
VIVARO										
1.9 Di Diesel		F9Q (Renault)	1870	4	2001	▶		LP073		11V
1.9 DTi Turbo Diesel		F9Q 760 (Renault)	1870	4	2001	▶		LP073		11V
2.5 DTi Turbo Diesel			2463	4	05/03	▶		LP075		11V
ZAFIRA										
1.9 CDTi Turbo Diesel		Z19DT	1910		07/05	▶	07/07	LP072	◇	11V
		Z19DTH	1910		07/05	▶		LP101	◇	11V
2.0 DTi Turbo Diesel	16V	Y20DTL	1994	4	2000	▶		LP077		11V
	16V	Y20DTH	1994	4	09/00	▶		LP059		11V
2.0 TDi Turbo Diesel	16V	X20DTH	1998	4	04/99	▶		LP059		11V
2.2 DTi Turbo Diesel	16V	Y22DTR	2198	4	01/02	▶		LP076		11V

40 LUCAS GLOW PLUGS



PEUGEOT										
106										
1.4 Diesel		TUD3		1360	4	09/92	▶		LP005	11V
1.5 Diesel		TUD5		1527	4	03/94	▶		LP037	11V
106 MKII										
1.5 Diesel		VJY/VJX (TUD5)		1527	4	05/96	▶		LP037	◇ 11V
107										
1.4 HDi Turbo Diesel				1398	4	06/05	▶		LP110	◆ 11V
1.8 Diesel		XUD7		1769	4	1984	▶		LP033	11V
		XUD7		1769	4	1985	▶		LP033	11V
1.8 Turbo Diesel		XUD7T		1769	4	07/85	▶		LP034	11V
1.9 Diesel		XUD9		1905	4	10/87	▶		LP033	11V
1007										
1.4 HDi Turbo Diesel		8HX/HZ (DV4TD)		1398	4	06/07	▶		LP110	◆ 11V
206										
1.4 HDi Turbo Diesel	8V	DV4TD		1398	4	2002	▶		LP080	11V
1.9 Diesel	8V	DW8		1868	4	07/98	▶		LP037	11V
2.0 HDi Turbo Diesel		DW10TD		1997	4	1999	▶		LP051	11V
207										
1.4 HDi Turbo Diesel				1398	4	02/06	▶		LP110	◆ 11V
1.6 HDi Turbo Diesel		9HX (DV6ATED)		1560	4	02/06	▶		LP110	◆ 11V
		9HY/HZ (DV6TED4)		1560	4	02/06	▶		LP110	◆ 11V
304										
1.5 Diesel		X1D		1548	4	1980	▶		LP033	11V
305										
1.5 Diesel		X1D		1548	4	1980	▶		LP033	11V
1.8 Diesel		XUD7		1769	4	1985	▶		LP033	11V
1.9 Diesel		XUD9		1905	4	1983	▶		LP033	11V
		XUD9		1905	4	1982	▶		LP033	11V
306										
1.8 Diesel		XUD7		1769	4	05/93	▶		LP033	11V
1.9 Diesel	8V	DW8		1868	4	04/98	▶		LP037	11V
		XUD9		1905	4	09/98	▶		LP036	11V
		XUD9		1905	4	03/93	▶	08/98	LP033	11V
1.9 Turbo Diesel		XUD9TE, XUD7TF		1905	4	03/93	▶	08/98	LP034	11V
		XUD9TE, XUD7TF		1905	4	09/98	▶		LP036	11V
2.0 HDi Turbo Diesel		DW10TD		1997	4	09/98	▶		LP051	11V
307										
1.4 HDi Turbo Diesel		DV4TD		1398	4	2001	▶		LP080	11V
1.6 HDi Turbo Diesel	16V	DV6TED4		1560	4	02/04	▶		LP051	11V
2.0 HDi Turbo Diesel	8V	DW10TD		1997	4	08/00	▶		LP051	11V
	16V	DW10ATED4		1997	4	08/00	▶		LP051	11V
309										
1.8 Diesel		XUD7		1769	4	06/86	▶		LP033	11V
1.8 Turbo Diesel		XUD7T		1769	4	06/86	▶		LP033	11V
1.9 Diesel		XUD9		1905	4	06/86	▶		LP033	11V
405										
1.8 Diesel		XUD7		1769	4	03/88	▶	12/95	LP033	11V
1.8 Turbo Diesel		XUD7T		1769	4	03/88	▶	12/95	LP033	11V
1.9 Diesel		XUD9A-L		1905	4	03/88	▶	12/95	LP033	11V
1.9 Turbo Diesel		XUD9TE, XUD9TF		1905	4	09/93	▶	12/95	LP034	11V
406										
1.9 Turbo Diesel		XUD9TE, XUD9TF		1905	4	09/98	▶		LP036	11V
		XUD9TE, XUD9TF		1905	4	10/95	▶	08/98	LP034	11V
2.0 HDi Turbo Diesel	8V	DW10ATED		1997	4	09/98	▶		LP051	11V
	16V	DW10ATED4		1997	4	08/01	▶		LP051	11V
2.1 Turbo Diesel	12V	XUD11ATE		2088	4	09/98	▶		LP036	11V
	12V	XUD11ATE		2088	4	10/95	▶	08/98	LP034	11V
2.2 HDi Turbo Diesel	16V	DW12TED4		2179	4	10/00	▶		LP051	11V
407										
1.6 HDi Turbo Diesel	16V	DV6TED4		1560	4	05/04	▶		LP051	11V
2.0 HDi Turbo Diesel	16V	DW10ATED4		1997	4	05/04	▶		LP051	11V
504										
1.9 Diesel		XD4.88		1948	4	06/78	▶	06/87	LP033	11V
2.1 Diesel		XD4.90		2112	4	06/78	▶	04/81	LP033	11V
		XD4.90		2112	4	05/81	▶	09/81	LP033	11V
2.3 Diesel		XD2		2304	4	06/78	▶	04/81	LP033	11V
		XD2		2304	4	05/81	▶	09/81	LP033	11V
505										
2.3 Diesel		XD2		2304	4	1978	▶		LP033	11V
		XD2		2304	4	1982	▶		LP033	11V



PEUGEOT (continued)

505 (continued)										
2.3 Turbo Diesel		XD2T XD2T	2304 2304	4 4	1982 1978	▶		LP033 LP033		11V 11V
2.5 Diesel		XD3	2498	4	09/81	▶		LP033		11V
2.5 Turbo Diesel		XD3T	2498	4	09/81	▶		LP033		11V
604										
2.3 Turbo Diesel		XD2S	2304	4	02/79	▶	06/83	LP033		11V
2.5 Turbo Diesel		XD3T	2498	4	07/83	▶	06/86	LP033		11V
605										
2.1 Diesel	12V	XUD11A	2088	4	06/89	▶		LP033		11V
2.1 Turbo Diesel		XUD11ATE	2088	4	09/98	▶		LP036		11V
		XUD11ATE	2088	4	06/89	▶	08/98	LP034		11V
2.5 Turbo Diesel		DK5ATE	2446	4	07/94	▶		LP034		11V
607										
2.0 HDi Turbo Diesel		DW10ATED	1997	4	04/01	▶		LP051		11V
2.2 HDi Turbo Diesel	16V	DW12TED4	2179	4	06/01	▶		LP051		11V
504 PICK-UP										
2.3 Diesel		XD2	2304	4	07/84	▶		LP033		11V
2.5 Diesel		XD3	2498	4	07/87	▶		LP033		11V
806 MPV										
1.9 Turbo Diesel		XUD9TE, XUD9TF	1905	4	07/94	▶	08/98	LP034		11V
		XUD9TE, XUD9TF	1905	4	09/98	▶		LP036		11V
2.0 HDi Turbo Diesel		DW10ATED	1997	4	09/98	▶		LP051		11V
2.1 Turbo Diesel	12V	XUD11ATE	2088	4	05/96	▶	08/98	LP034		11V
	12V	XUD11ATE	2088	4	09/98	▶		LP036		11V
	12V	XUD11BTE	2088	4	05/96	▶	08/98	LP034		11V
	12V	XUD11BTE	2088	4	09/98	▶		LP036		11V
807 MPV										
2.0 HDi Turbo Diesel	8V	DW10ATED	1997	4	10/02	▶		LP051		11V
	16V	DW10ATED4	1997	4	10/02	▶		LP051		11V
2.2 HDi Turbo Diesel	16V	DW12ATED4	2179	4	10/02	▶		LP051		11V
BOXER										
1.9 Diesel		XUD9AU	1905	4	03/94	▶	08/98	LP034		11V
		XUD9AU	1905	4	09/98	▶		LP036		11V
1.9 Turbo Diesel		XUD9TFU	1905	4	03/94	▶	08/98	LP034		11V
		XUD9TFU	1905	4	09/98	▶		LP036		11V
		XUD9TE	1905	4	08/94	▶	08/98	LP034		11V
		XUD9TE	1905	4	09/98	▶		LP036		11V
2.0 HDi Turbo Diesel		DW10TD	1997	4	09/98	▶		LP051		11V
2.2 HDi Diesel		DW12TD	2179	4	2002	▶		LP051		11V
2.5 Diesel	12V	DJ5	2446	4	03/94	▶		LP034		11V
2.5 TDi Turbo Diesel	8V	DJ5TED	2446	4	09/96	▶		LP047		11V
2.5 Turbo Diesel	12V	DJ5T, DK5ATE	2446	4	03/94	▶		LP034		11V
EXPERT										
1.9 Diesel	8V	XUD9	1905	4	09/95	▶	08/98	LP034		11V
		XUD9	1905	4	09/98	▶		LP036		11V
		DW8	1868	4	07/98	▶		LP037		11V
1.9 Turbo Diesel		XUD9TE	1905	4	09/95	▶	08/98	LP034		11V
		XUD9TE	1905	4	09/98	▶		LP036		11V
2.0 HDi Turbo Diesel		DW10TD	1997	4	02/00	▶		LP051		11V
		DW10ATED	1997	4	02/00	▶		LP051		11V
J5										
1.9 Diesel		XUD9A	1905	4	11/87	▶		LP033		11V
2.5 Diesel		U25/651, CRD93	2500	4	09/81	▶	06/91	LP033		11V
		U25/651, CRD93	2500	4	06/91	▶		LP033		11V
2.5 Turbo Diesel		CRD93LS	2500	4	06/91	▶		LP033		11V
		CRD93LS	2500	4	09/81	▶	06/91	LP033		11V
J7										
2.3 Diesel		XD2P	2304	4	10/79	▶	09/80	LP033		11V
J9										
2.1 Diesel		XDP4.90	2112	4	10/82	▶		LP033		11V
2.3 Diesel		XD2P	2304	4	10/80	▶	09/82	LP033		11V
2.5 Diesel		XD3P	2498	4	10/82	▶		LP033		11V
		XD3P	2498	4	10/80	▶	09/82	LP033		11V
PARTNER										
1.8 Diesel		XUD7	1769	4	08/96	▶	09/98	LP034		11V
		XUD7	1769	4	09/98	▶		LP036		11V
1.9 Diesel	8V	XUD9A	1905	4	08/96	▶	08/98	LP034		11V
		XUD9A	1905	4	09/98	▶		LP036		11V
		DW8	1868	4	07/98	▶		LP037		11V
2.0 HDi Turbo Diesel		DW10TD	1997	4	02/00	▶		LP051		11V



RENAULT										
AVANTIME										
2.2 DCi Turbo Diesel		G9T	2188	4	6/02	▶		LP073		11V
CLIO										
1.9 Diesel		F8Q	1870	4	05/90	▶	02/91	LP064		11V
		F8Q 730	1870	4	03/91	▶		LP036		11V
		F8Q 676	1870	4	10/94	▶		LP042		11V
CLIO II										
1.5 DCi Turbo Diesel		K9K-704	1461	4	06/01	▶		LP073		11V
1.9 Diesel		F8Q	1870	4	09/98	▶		LP050		11V
1.9 TDi Turbo Diesel		F9Q 716	1870	4	01/99	▶		LP066		11V
CLIO III										
1.5 DCi Turbo Diesel		K9K 768	1461	4	06/05	▶		LP073	◇	11V
		K9K 766	1461	4	06/05	▶		LP073	◇	11V
			1461	4	06/05	▶		LP073	◇	11V
		K9K 764	1461	4	06/05	▶		LP073	◇	11V
ESPACE MPV										
1.9 DCi Diesel			1870	4	11/02	▶		LP073		11V
1.9 DTi Turbo Diesel		F9Q 722	1870	4	02/99	▶		LP073		11V
2.1 Turbo Diesel		J8S-240	2068	4	10/84	▶		LP033		11V
2.2 DCi Turbo Diesel		G9T	2188	4	10/00	▶		LP075		11V
2.2 Turbo Diesel	12V	G8T	2188	4	10/96	▶		LP041		11V
3.0 dCi Turbo Diesel		P9X 701	2958	6	11/02	▶		LP115	◆	11V
EXPRESS										
1.6 Diesel		F8M-730	1595	4	07/86	▶		LP064		11V
1.9 Diesel		F8Q 640	1870	4	09/94	▶		LP042		11V
		F8Q 774, 776, 730	1870	4	09/91	▶		LP064		11V
EXTRA										
1.6 Diesel		F8M	1595	4	1986	▶	08/91	LP064		11V
1.9 Diesel		F8Q 640	1870	4	09/94	▶		LP042		11V
		F8Q 774, 776, 730	1870	4	09/91	▶		LP064		11V
FUEGO										
2.1 Turbo Diesel		J8S	2068	4	10/82	▶	07/84	LP033		11V
GRAND ESPACE										
2.2 DCi Turbo Diesel		G9T	2188	4	10/00	▶		LP075		11V
GRAND SCENIC										
1.5 DCi Turbo Diesel			1461	4	04/04	▶		LP073	◇	11V
1.9 DCi Diesel			1870	4	05/05	▶		LP073	◇	11V
			1870	4	04/04	▶		LP073	◇	11V
			1870	4	05/05	▶		LP073	◇	11V
KANGOO										
1.5 DCi Diesel		K9K	1461	4	2001	▶		LP073	◇	11V
			1461	4	02/08	▶		LP073	◇	11V
1.9 DCi Diesel		F9Q	1885	4	2002	▶		LP073		11V
1.9 Diesel		F8Q 632	1870	4	03/99	▶		LP062		11V
		F8Q	1870	4	1998	▶		LP050		11V
1.9 DTi Turbo Diesel		F9Q	1870	4	02/00	▶		LP073		11V
		F9Q	1870	4	2000	▶		LP073		11V
D55 1.9		F8Q 662	1870	4	03/98	▶		LP050	◇	11V
D65 1.9		F8Q 630/632	1870	4	03/98	▶		LP050	◇	11V
		F8Q 630/632	1870	4	03/98	▶		LP062	◇	11V
LAGUNA										
1.9 DCi Diesel		F9Q	1870	4	2001	▶		LP073		11V
1.9 DTi Turbo Diesel		F9Q 710	1870	4	10/97	▶		LP073		11V
		F9Q 716	1870	4	10/97	▶		LP066		11V
1.9 TDi Turbo Diesel		F9Q 717, 731, 732, 733, 736, 780	1870	4	07/98	▶		LP073		11V
2.2 DCi Diesel		G9T	2188	4	01/02	▶		LP075		11V
2.2 Diesel	12V	G8T 706, 790	2188	4	1993	▶		LP041		11V
2.2 Turbo Diesel	12V	G8T-760	2188	4	1993	▶		LP041		11V
LAGUNA II										
1.9 DCi Diesel		F9Q 664	1870	4	03/04	▶		LP073	◇	11V
			1870	4	10/01	▶		LP073	◇	11V
			1870	4	06/01	▶		LP073	◇	11V
			1870	4	03/03	▶		LP073	◇	11V
			1870	4	01/05	▶		LP073	◇	11V
			1870	4	03/01	▶		LP073	◇	11V
			1870	4	05/05	▶		LP073	◇	11V
			F9Q 750/756 F9Q 758/759	1870	4	05/05	▶		LP073	◇
2.0 DCi Diesel		M9R 740	1995	4	08/05	▶		LP073	◇	11V
		M9R 760	1995	4	01/06	▶		LP073	◇	11V
2.2 DCi Diesel		G9T 702	2188	4	05/05	▶		LP075	◇	11V
			2188	4	10/01	▶		LP075	◇	11V



RENAULT (continued)

LAGUNA III										
1.5 dCi Diesel			1461	4	10/07	▶		LP073	◇	11V
2.0 dCi Diesel			1995	4	10/07	▶		LP073	◇	11V
MASTER										
1.9 DTi Turbo Diesel			1870	4	2001	▶		LP073		11V
2.1 Diesel		J8S	2068	4	09/80	▶		LP033		11V
2.2 DCi Diesel			2188	4	12/00	▶		LP075		11V
2.2 DCi Turbo Diesel			2188	4	2001	▶		LP075		11V
2.4 Diesel		S8V-731, S8V-742 Sofim 8140.61	2445	4	05/85	▶		LP033		11V
			2445	4	09/80	▶	11/90	LP033		11V
2.5 dCi 100		G9U 754		4	10/03	▶		LP075	◇	11V
2.5 Diesel		S8V-748 Sofim 8140.27 8140.67	2499	4	05/85	▶		LP005		11.5V
			2499	4	01/81	▶	12/85	LP035		11V
			2499	4	06/82	▶		LP033		11V
			2499	4	09/80	▶	11/90	LP033		11V
2.8 TDi Turbo Diesel		S9W Sofim	2799	4	09/97	▶		LP058		11V
MEGANE										
1.5 DCi Diesel		K9K-704	1461	4	08/02	▶		LP073		11V
1.9 Diesel		F8Q 620	1870	4	01/96	▶		LP042		11V
1.9 DTi Turbo Diesel		F9Q 730/734 F9Q 716, 718 F9Q 731	1870	4	01/96	▶		LP066		11V
			1870		03/99	▶		LP073		11V
			1870	4	03/99	▶		LP073		11V
1.9 Turbo Diesel		F8Q 784, 786 F8Q F8Q	1870	4	01/96	▶		LP026		11V
			1870	4	09/96	▶		LP026		11V
			1870	4	09/96	▶		LP064		11V
		1. Radiator water heating								
MEGANE COUPE										
1.9 DTi Turbo Diesel		F9Q	1870	4	1997	▶		LP066		11V
MEGANE II										
1.5 DCi Diesel		K9K 722	1461	4	11/02	▶		LP073	◇	11V
			1461	4	05/05	▶		LP073	◇	11V
			1461	4	10/03	▶		LP073	◇	11V
			1461	4	01/07	▶		LP073	◇	11V
			1461	4	05/05	▶		LP073	◇	11V
1.9 DCi Diesel		F9Q 800	1870	4	03/04	▶		LP073	◇	11V
			1870	4	05/05	▶		LP073	◇	11V
			1870	4	11/02	▶		LP073	◇	11V
			1870	4	05/05	▶		LP073	◇	11V
2.0 DCi Diesel			1995	4	01/07	▶		LP073	◇	11V
MEGANE SCENIC										
1.9 DTi Turbo Diesel		F9Q F9Q 731	1870	4	05/99	▶	06/99	LP066		11V
			1870		03/99	▶		LP073		11V
1.9 Turbo Diesel		F8Q 784, 786 F8Q F8Q	1870	4	01/96	▶		LP026		11V
			1870	4	1995	▶		LP026		11V
			1870	4	1995	▶		LP064		11V
		1. Radiator water heating								
MODUS										
1.5 DCi Turbo Diesel		K9K	1461	4	2004	▶		LP073		11V
			1461	4	05/05	▶		LP073	◇	11V
R5										
1.6 Diesel		F8M-720, 730	1595	4	09/85	▶		LP064		11V
R9										
1.6 Diesel		F8M	1595	4	1983	▶		LP064		11V
R11										
1.6 Diesel		F8M	1595	4	1983	▶	08/89	LP064		11V
R18										
2.1 Diesel		J8S 852 J8S	2068	4	08/80	▶	04/81	LP033		11V
			2068	4	05/81	▶	02/86	LP033		11V
2.1 Turbo Diesel		J8S 852	2068	4	05/81	▶	02/86	LP033		11V
R19 INCL. CHAMADE										
1.9 Diesel		F8Q F8Q	1870	4	06/88	▶	02/91	LP064		11V
			1870	4	03/91	▶		LP036		11V
1.9 Turbo Diesel		F8Q	1870	4	09/90	▶		LP026		11V
R20										
2.1 Diesel		J8S 852	2068	4	05/81	▶	12/83	LP033		11V
2.1 Turbo Diesel		J8S	2068	4	05/81	▶	12/83	LP033		11V
R21										
1.9 Diesel		F8Q F8Q	1870	4	09/89	▶	02/91	LP033		11V
			1870	4	03/91	▶		LP036		11V
2.1 Diesel		J8S	2068	4	03/86	▶		LP033		11V
2.1 Turbo Diesel		J8S	2068	4	03/86	▶		LP033		11V

44 LUCAS GLOW PLUGS



RENAULT (continued)										
R25										
2.1 Turbo Diesel		J8S	2068	4	01/84 ▶	12/92	LP033			11V
R30										
2.1 Diesel		J8S	2068	4	10/81 ▶	02/83	LP033			11V
2.1 Turbo Diesel		J8S	2068	4	10/81 ▶	02/83	LP033			11V
SAFRANE										
2.1 Turbo Diesel		J8S	2068	4	04/92 ▶		LP033			11V
2.2 Turbo Diesel		G8T	2188	4	10/96 ▶		LP041			11V
2.5 Turbo diesel		8144.97.2400/1400, S8U Sofim	2499	4	05/93 ▶		LP035			11V
SCENIC										
1.5 DCi Turbo Diesel		K9K-704	1461	4	07/03 ▶		LP073			11V
1.9 DCi Diesel		F9Q	1870	4	04/00 ▶		LP073			11V
1.9 DTi Turbo Diesel		F9Q 730/734	1870	4	07/99 ▶		LP066			11V
		F9Q	1870	4	06/01 ▶		LP073			11V
		F9Q 731, 736	1870	4	09/99 ▶		LP073			11V
		F9Q 731, 736	1870	4	09/99 ▶		LP073			11V
SCENIC II										
1.5 DCi Diesel			1461	4	06/03 ▶		LP073	◇		11V
			1461	4	05/05 ▶		LP073	◇		11V
			1461	4	11/03 ▶		LP073	◇		11V
			1461	4	01/07 ▶		LP073	◇		11V
			1461	4	05/05 ▶		LP073	◇		11V
1.9 DCi Diesel			1870	4	05/05 ▶		LP073	◇		11V
			1870	4	06/03 ▶		LP073	◇		11V
			1870	4	05/05 ▶		LP073	◇		11V
2.0 DCi Diesel			1995	4	09/05 ▶		LP073	◇	11V	
THALIA										
1.5 DCi Turbo Diesel		K9K	1461	4	04/02 ▶		LP073			11V
TRAFIC										
1.9 DCi Turbo Diesel		F9Q 760, 770 F9Q	1870	4	2001 ▶		LP073			11V
			1870	4	2001 ▶		LP075			11V
1.9 Diesel		F8Q 600	1870	4	05/98 ▶		LP050			11V
			2.1 Diesel		852.720	2068	4	1981 ▶	LP033	
	852.750	2068	4		1981 ▶	LP033		11V		
2.5 Diesel		Sofim 8140.67	2499	4	03/90 ▶		LP033			11V
		8144.67	2499	4	1980 ▶		LP033			11V
		8144.67	2499	4	1980 ▶		LP033			11V
VEL SATIS										
2.2 DCi Diesel			2188	4	03/03 ▶		LP075			11V
ROVER GROUP										
25										
2.0 Turbo Diesel		20T2N	1994	4	11/99 ▶	2005	LP041			11V
45										
2.0 Turbo Diesel		20T2N	1994	4	11/99 ▶	2005	LP041			11V
75										
2.0 CDTi Turbo Diesel		204D2	1951	4	02/03 ▶	2005	LP053	◇		11V
2.0 Turbo Diesel		M47	1951	4	02/99 ▶	2005	LP053			11V
114										
1.4 Diesel		TUD3 (Peugeot)	1360	4	01/92 ▶		LP005			11V
115										
1.5 Diesel		TUD5 (Peugeot)	1527	4	03/95 ▶		LP037			11V
218										
1.8 Turbo Diesel		XUD7TE (Peugeot)	1769	4	1991 ▶		LP033			11V
1.9 Diesel		XUD9A, L, Y Peugeot	1905	4	1991 ▶		LP033			11V
220										
2.0 Turbo Diesel		20T2N	1994	4	01/95 ▶		LP041			11V
		20T2R	1994	4	11/95 ▶		LP041			11V
418										
1.8 Turbo Diesel		XUD7TE (Peugeot)	1769	4	1991 ▶		LP033			11V
1.9 Diesel		XUD9A, L, Y (Peugeot)	1905	4	1991 ▶		LP033			11V
420										
2.0 Turbo Diesel		L20SDi	1994	4	1996 ▶		LP041			11V
		20T2N	1994	4	1996 ▶		LP041			11V
		20T2R	1994	4	11/95 ▶		LP041			11V
620										
2.0 Turbo Diesel		20T2N	1994	4	01/95 ▶		LP041			11V
		L20SDi	1994	4	01/95 ▶		LP041			11V



ROVER GROUP (continued)

825											
2.5 Diesel		VM 425		2499	4	09/91	▶	04/95	LP033		11V
2.5 Turbo Diesel		HR 924		2499	4	1990	▶	04/95	LP001		11V
		VM 425		2499	4	01/93	▶		LP034		11V
		HR 924		2499	4	05/95	▶		LP043		11V
		VM 425		2499	4	05/95	▶		LP043		11V
MAESTRO											
2.0 Diesel		MDi Prima		1994	4	1990	▶		LP033		11V
		MDi PRIMA 80T Perkins		1994	4	1986	▶		LP033		11V
2.0 Turbo Diesel		MDi Prima 80T Perkins		1994	4	1990	▶		LP033		11V
METRO											
1.4 Diesel		TUD3 (Peugeot)		1360	4	1992	▶		LP005		11V
MONTEGO											
2.0 Diesel		PRIMA 80T Perkins		1994	4	1986	▶		LP033		11V
2.0 Turbo Diesel		MDi PRIMA 80T Perkins		1994	4	1988	▶		LP033		11V
SD1											
2.4 Diesel		VM HR 492		2392	4	1982	▶		LP001		11V
SAAB											
9-3											
1.9 TiD Turbo Diesel		Z19DT		1910	4	09/04	▶		LP101	◇	11V
		Z19DTH		1910	4	09/04	▶		LP101	◇	11V
2.2 TiD Turbo Diesel	16V	X22DTH		2171	4	02/98	▶		LP059		11V
		D223L		2171	4	09/02	▶		LP077	◇	11V
9-5											
3.0 TiD Turbo Diesel		D308L		2958	6	07/01	▶		LP115	◆	11V
SEAT											
131											
2.4 Diesel		8144.61 Sofim		2445	4	06/82	▶	12/84	LP033		11V
132											
2.2 Diesel		615969 Mevosa		2160	4	09/74	▶	05/82	LP033		11V
ALHAMBRA MPV											
1.9 TDi Turbo Diesel		AHU 90bhp		1896	4	04/95	▶		LP027		11V
		AHU 90bhp	1. Radiator water heating x 1	1896	4	04/95	▶		LP022		11V
		AHU 90bhp	1. Radiator water heating x 3	1896	4	04/95	▶		LP046		11V
		1Z 90bhp		1896	4	04/95	▶		LP027		11V
		1Z 90bhp	1. Radiator water heating x 1	1896	4	04/95	▶		LP022		11V
		1Z 90bhp	1. Radiator water heating x 3	1896	4	04/95	▶		LP046		11V
		AFN 110bhp		1896	4	11/96	▶		LP027		11V
		AFN 110bhp	1. Radiator water heating x 1	1896	4	11/96	▶		LP022		11V
		AFN 110bhp	1. Radiator water heating x 3	1896	4	11/96	▶		LP046		11V
		AUY 115bhp PD		1896	4	06/00	▶		LP027		11V
		AUY 115bhp PD	1. Radiator water heating x 1	1896	4	06/00	▶		LP022		11V
		AUY 115bhp PD	1. Radiator water heating x 3	1896	4	06/00	▶		LP046		11V
		ANU 90bhp PD		1896	4	06/00	▶		LP027		11V
		ANU 90bhp PD	1. Radiator water heating x 1	1896	4	06/00	▶		LP022		11V
ANU 90bhp PD	1. Radiator water heating x 3	1896	4	06/00	▶		LP046		11V		
ASZ 130bhp PD		1896	4	06/00	▶		LP096		12V		
ALTEA											
1.9 TDi Turbo Diesel		BJB 105bhp		1896	4	06/04	▶		LP087		5V
		BKC 105bhp		1896	4	06/04	▶		LP087		5V
2.0 TDi Turbo Diesel		AZV 136bhp		1968	4	03/04	▶		LP087	◇	5V
		BMM 140bhp		1968	4	11/05	▶		LP087	◇	5V
		BKD 140bhp		1968	4	06/04	▶		LP088		4.4V
		BMN 170bhp		1968	4	03/06	▶		LP088	◇	4.4V
AROSA											
1.4 TDi Turbo Diesel		AMF 75bhp PD		1422	3	1999	▶	10/01	LP027		11V
		AMF 75bhp PD	1. Radiator water heating	1422	3	1999	▶	10/01	LP046		11V
		AMF 75bhp PD		1422	3	11/01	▶		LP096		12V
1.7 SDi Diesel		AKU 60bhp		1716	4	1998	▶	10/01	LP027		11V
		AKU 60bhp	1. Radiator water heating	1716	4	1998	▶	10/01	LP022		11V
		AKU 60bhp		1716	4	10/01	▶		LP096		12V
CORDOBA											
1.4 TDi Turbo Diesel		AMF 75bhp PD		1422	3	10/02	▶	2003	LP096		12V
1.7 SDi Diesel				1716	4	07/97	▶	06/99	LP027	◇	12V
1.9 Diesel		1Y 64bhp		1896	4	09/93	▶	2003	LP022		11V



SEAT (continued)

CORDOBA (continued)

1.9 SDi Diesel	AEF 64bhp		1896	4	12/95	▶	2003	LP027		11V
	AEF 64bhp	1. Radiator water heating x 1	1896	4	12/95	▶	2003	LP022		11V
	AEF 64bhp	1. Radiator water heating x 3	1896	4	12/95	▶	2003	LP046		11V
	AEY 64bhp		1896	4	12/95	▶	2003	LP027		11V
	AEY 64bhp	1. Radiator water heating x 1	1896	4	12/95	▶	2003	LP022		11V
	AEY 64bhp	1. Radiator water heating x 3	1896	4	12/95	▶	2003	LP046		11V
	AGP 68bhp		1896	4	05/99	▶	2003	LP027		11V
	AQM 68bhp		1896	4	05/99	▶	2003	LP027		11V
	ASY 64bhp		1896	4	10/02	▶	2003	LP096		12V
1.9 TDi Turbo Diesel	1Z 90bhp		1896	4	07/96	▶	2003	LP027		11V
	1Z 90bhp	1. Radiator water heating x 1	1896	4	07/96	▶	2003	LP022		11V
	1Z 90bhp	1. Radiator water heating x 3	1896	4	07/96	▶	2003	LP046		11V
	AFN 110bhp		1896	4	03/97	▶	2003	LP027		11V
	AFN 110bhp	1. Radiator water heating x 1	1896	4	03/97	▶	2003	LP022		11V
	AFN 110bhp	1. Radiator water heating x 3	1896	4	03/97	▶	2003	LP046		11V
	AGR 90bhp		1896	4	05/99	▶	2003	LP027		11V
	AGR 90bhp	1. Radiator water heating x 1	1896	4	05/99	▶	2003	LP022		11V
	AGR 90bhp	1. Radiator water heating x 3	1896	4	05/99	▶	2003	LP046		11V
	AHU 110bhp		1896	4	03/97	▶	2003	LP027		11V
	AHU 110bhp	1. Radiator water heating x 1	1896	4	06/97	▶	2003	LP022		11V
	AHU 110bhp	1. Radiator water heating x 3	1896	4	03/97	▶	2003	LP046		11V
	ALH 90bhp		1896	4	05/99	▶	2003	LP027		11V
	ALH 90bhp	1. Radiator water heating x 1	1896	4	5/99	▶	2003	LP022		11V
	ALH 90bhp	1. Radiator water heating x 3	1896	4	05/99	▶	2003	LP046		11V
	ATD 100bhp		1896	4	10/02	▶	2003	LP096		12V
	ASZ 130bhp PD		1896	4	10/02	▶	2003	LP096		12V
	ASK 110bhp		1896	4	05/99	▶	2003	LP027		11V
	ASK 110bhp	1. Radiator water heating x 1	1896	4	05/99	▶	2003	LP022		11V
	ASK 110bhp	1. Radiator water heating x 3	1896	4	05/99	▶	2003	LP046		11V
1.9 Turbo Diesel	AAZ 75bhp		1896	4	09/93	▶	2003	LP022		11V

CORDOBA VARIO

1.9 SDi Diesel	AGP 68bhp		1896	4	05/99	▶		LP027		11V
	AEY 64bhp		1896	4	06/97	▶		LP027		11V
	AEY 64bhp	1. Radiator water heating x 1	1896	4	06/97	▶		LP022		11V
	AEY 64bhp	1. Radiator water heating x 3	1896	4	06/97	▶		LP046		11V
	AQM 68bhp		1896	4	05/99	▶		LP027		11V
1.9 TDi Turbo Diesel	AGR 90bhp		1896	4	05/99	▶		LP027		11V
	AGR 90bhp	1. Radiator water heating x 1	1896	4	05/99	▶		LP022		11V
	AGR 90bhp	1. Radiator water heating x 3	1896	4	05/99	▶		LP046		11V
	ALH 90bhp		1896	4	05/99	▶		LP027		11V
	ALH 90bhp	1. Radiator water heating x 1	1896	4	05/99	▶		LP022		11V
	ALH 90bhp	1. Radiator water heating x 3	1896	4	05/99	▶		LP046		11V
	ASV 110bhp		1896	4	05/99	▶		LP027		11V
	ASV 110bhp	1. Radiator water heating x 1	1896	4	05/99	▶		LP022		11V
	ASV 110bhp	1. Radiator water heating x 3	1896	4	05/99	▶		LP046		11V
	AHU 110bhp		1896	4	06/97	▶		LP027		11V
	AHU 110bhp	1. Radiator water heating x 1	1896	4	06/97	▶		LP022		11V
	AHU 110bhp	1. Radiator water heating x 3	1896	4	06/97	▶		LP046		11V

IBIZA

1.4 TDi Turbo Diesel	AMF 75bhp PD		1422	3	05/02	▶	2008	LP096		12V
	BNM 70bhp		1422	3	05/05	▶	2008	LP096	◇	11V
1.7 Diesel	138A5000 (Fiat)		1714	4	06/84	▶	04/93	LP033		11V
	022A5000		1714	4	09/87	▶	05/93	LP001		11V
1.7 SDi Diesel			1714	4	07/97	▶	08/99	LP027		11V
1.9 Diesel	1Y 64bhp		1896	4	05/93	▶		LP022		11V
1.9 SDi Diesel	AEY 64bhp		1896	4	1996	▶	1999	LP027		11V
	AEY 64bhp	1. Radiator water heating x 1	1896	4	1996	▶	1999	LP022		11V
	AEY 64bhp	1. Radiator water heating x 3	1896	4	1996	▶	1999	LP046		11V
	AEF 64bhp		1896	4	1996	▶	1999	LP027		11V
	AEF 64bhp	1. Radiator water heating x 1	1896	4	1996	▶	1999	LP022		11V
	AEF 64bhp	1. Radiator water heating x 3	1896	4	1996	▶	1999	LP046		11V
	AGP 68bhp		1896	4	05/99	▶	2002	LP027		11V
	AQM 68bhp		1896	4	05/99	▶	2002	LP027		11V
	ASY 64bhp		1896	4	02/02	▶	2008	LP096		12V
1.9 TDi Turbo Diesel	AHU 90bhp		1896	4	07/96	▶	1999	LP027		11V
	AHU 90bhp	1. Radiator water heating x 1	1896	4	07/96	▶	1999	LP022		11V
	AHU 90bhp	1. Radiator water heating x 3	1896	4	07/96	▶	1999	LP046		11V
	ALH 90bhp PD		1896	4	07/96	▶	1999	LP027		11V
	ALH 90bhp PD	1. Radiator water heating x 1	1896	4	07/96	▶	1999	LP022		11V
	ALH 90bhp PD	1. Radiator water heating x 3	1896	4	07/96	▶	1999	LP046		11V



SEAT (continued)

IBIZA (continued)

1.9 TDi Turbo Diesel (continued)	1Z 90bhp		1896	4	07/96 ▶	1999	LP027		11V
	1Z 90bhp	1. Radiator water heating x 1	1896	4	07/96 ▶	1999	LP022		11V
	1Z 90bhp	1. Radiator water heating x 3	1896	4	07/96 ▶	1999	LP046		11V
	AFN 110bhp		1896	4	03/97 ▶	1999	LP027		11V
	AFN 110bhp	1. Radiator water heating x 1	1896	4	03/97 ▶	1999	LP022		11V
	AFN 110bhp	1. Radiator water heating x 3	1896	4	03/97 ▶	1999	LP046		11V
	ASV 110bhp		1896	4	05/99 ▶	2002	LP027		11V
	ASV 110bhp	1. Radiator water heating x 1	1896	4	05/99 ▶	2002	LP022		11V
	ASV 110bhp	1. Radiator water heating x 3	1896	4	05/99 ▶	2002	LP046		11V
	ASK 110bhp		1896	4	08/99 ▶	2002	LP027		11V
	ASK 110bhp	1. Radiator water heating x 1	1896	4	08/99 ▶	2002	LP022		11V
	ASK 110bhp	1. Radiator water heating x 3	1896	4	08/99 ▶	2002	LP046		11V
	AGR 90bhp		1896	4	05/99 ▶	2002	LP027		11V
	AGR 90bhp	1. Radiator water heating x 1	1896	4	05/99 ▶	2002	LP022		11V
	AGR 90bhp	1. Radiator water heating x 3	1896	4	05/99 ▶	2002	LP046		11V
	ATD 100bhp		1896	4	02/02 ▶	2008	LP096		12V
	ASZ 130bhp PD		1896	4	02/02 ▶	2008	LP096		12V
ARL 150bhp PD		1896	4	02/02 ▶	2008	LP096		12V	
1.9 Turbo Diesel	AAZ 75bhp		1896	4	05/93 ▶	1999	LP022		11V

INCA

1.9 Diesel	1Y 64bhp		1896	4	11/95 ▶		LP022		11V
1.9 SDi Diesel	AEY 64bhp		1896	4	11/95 ▶		LP027		11V
	AEY 64bhp	1. Radiator water heating	1896	4	11/95 ▶		LP022		11V
1.9 TDi Turbo Diesel	AHU 90bhp		1896	4	09/96 ▶		LP027		11V
	AHU 90bhp	1. Radiator water heating x 1	1896	4	09/96 ▶		LP022		11V
	AHU 90bhp	1. Radiator water heating x 3	1896	4	09/96 ▶		LP046		11V

LEON

1.9 SDi Diesel	AQM 68bhp		1896	4	11/99 ▶	2005	LP027		11V	
1.9 TDi Turbo Diesel	AHF 110bhp		1896	4	12/99 ▶	2005	LP027		11V	
	AHF 110bhp	1. Radiator water heating x 1	1896	4	12/99 ▶	2005	LP022		11V	
	AHF 110bhp	1. Radiator water heating x 3	1896	4	12/99 ▶	2005	LP046		11V	
	AGR 90bhp		1896	4	12/99 ▶	2005	LP027		11V	
	AGR 90bhp	1. Radiator water heating x 1	1896	4	12/99 ▶	2005	LP022		11V	
	AGR 90bhp	1. Radiator water heating x 3	1896	4	12/99 ▶	2005	LP046		11V	
	ALH 90bhp		1896	4	12/99 ▶	2005	LP027		11V	
	ALH 90bhp	1. Radiator water heating x 1	1896	4	12/99 ▶	2005	LP022		11V	
	ALH 90bhp	1. Radiator water heating x 3	1896	4	12/99 ▶	2005	LP046		11V	
	ASV 110bhp		1896	4	12/99 ▶	2005	LP027		11V	
	ASV 110bhp	1. Radiator water heating x 1	1896	4	12/99 ▶	2005	LP022		11V	
	ASV 110bhp	1. Radiator water heating x 3	1896	4	12/99 ▶	2005	LP046		11V	
	ASZ 130bhp PD		1896	4	05/03 ▶	2005	LP096		12V	
	ARL 150bhp PD		1896	4	05/02 ▶	2005	LP096		12V	
				1896	4	09/05 ▶		LP087	◇	5V
		AXR 100bhp		1896	4	10/05 ▶		LP087	◇	5V
	BKC/BLS 105bhp		1896	4	09/05 ▶		LP087	◇	5V	
	ASV 110bhp		1896	4	09/05 ▶		LP087	◇	5V	
2.0 TDi Turbo Diesel	16V	BMM 140bhp	1968	4	10/05 ▶		LP087	◇	5V	
		BKD 140bhp	1968	4	09/05 ▶		LP088	◇	4.4V	
		BMN 170bhp	1968	4	02/06 ▶		LP088	◇	4.4V	

MALAGA

1.7 Diesel	138A5000 (Fiat)		1714	4	05/85 ▶	08/87	LP001		11V
	138A5000 (Fiat)		1714	4	09/87 ▶	12/93	LP022		11V

RITMO

1.7 Diesel	138A5000 (Fiat)		1714	4	1980 ▶		LP001		11V
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RONDA

1.7 Diesel	138A5000 (Fiat)		1714	4	1980 ▶		LP001		11V
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TERRA

1.3 Diesel	MN 45bhp		1272	4	03/90 ▶		LP022		11V
1.4 Diesel	1W 48bhp		1398	4	10/90 ▶		LP022		11V

TOLEDO

1.9 Diesel	1Y 64bhp		1896	4	03/91 ▶	2005	LP022		11V
1.9 TDi Turbo Diesel	1Z 90bhp		1896	4	08/96 ▶	2005	LP027		11V
	1Z 90bhp	1. Radiator water heating x 1	1896	4	08/96 ▶	2005	LP022		11V
	1Z 90bhp	1. Radiator water heating x 3	1896	4	08/96 ▶	2005	LP046		11V
	AFN 110bhp		1896	4	11/96 ▶	2005	LP027		11V
	AFN 110bhp	1. Radiator water heating x 1	1896	4	11/96 ▶	2005	LP022		11V
	AFN 110bhp	1. Radiator water heating x 3	1896	4	11/96 ▶	2005	LP046		11V
	AHU 90bhp		1896	4	06/96 ▶	2005	LP027		11V
	AHU 90bhp	1. Radiator water heating x 1	1896	4	06/96 ▶	2005	LP022		11V
	AHU 90bhp	1. Radiator water heating x 3	1896	4	06/96 ▶	2005	LP046		11V



SEAT (continued)

TOLEDO (continued)

1.9 TDi Turbo Diesel (continued)	AHF 110bhp		1896	4	10/98	▶	2005	LP027		11V
	AHF 110bhp	1. Radiator water heating x 1	1896	4	10/98	▶	2005	LP022		11V
	AHF 110bhp	1. Radiator water heating x 3	1896	4	10/98	▶	2005	LP046		11V
	AGR 90bhp		1896	4	04/99	▶	2005	LP027		11V
	AGR 90bhp	1. Radiator water heating x 1	1896	4	04/99	▶	2005	LP022		11V
	AGR 90bhp	1. Radiator water heating x 3	1896	4	04/99	▶	2005	LP046		11V
	ALH 90bhp		1896	4	03/99	▶	2005	LP027		11V
	ALH 90bhp	1. Radiator water heating x 1	1896	4	03/99	▶	2005	LP022		11V
	ALH 90bhp	1. Radiator water heating x 3	1896	4	03/99	▶	2005	LP046		11V
	ASV 110bhp		1896	4	12/99	▶	2005	LP027		11V
	ASV 110bhp	1. Radiator water heating x 1	1896	4	12/99	▶	2005	LP022		11V
	ASV 110bhp	1. Radiator water heating x 3	1896	4	12/99	▶	2005	LP046		11V
	ASZ 130bhp PD		1896	4	05/03	▶	2005	LP096		12V
	BJB, BKC 105bhp		1896	4	10/04	▶	2005	LP087	◇	5V
	BKD 140bhp		1896	4	10/04	▶	2005	LP088	◇	4.4V
1.9 Turbo Diesel	AAZ 75bhp		1896	4	03/91	▶	2005	LP022		11V

SKODA

FABIA

1.4 TDi Turbo Diesel	AMF 75bhp PD		1422	3	04/03	▶	2007	LP096		12V
	BNM 70bhp		1422	3	10/05	▶	2007	LP096	◇	11V
	BNV 80BHP		1422	3	10/05	▶	2007	LP096	◇	11V
1.9 SDi Diesel	ASY 64bhp		1896	4	1999	▶	2007	LP027		11V
	ASY 64bhp		1896	4	05/03	▶	2007	LP096		12V
1.9 TDi Turbo Diesel	BLS/BSW 105bhp from chassis nr 5J-7-0 ->		1896	4	03/07	▶	2007	LP096	◇	11V
	8V ATD 100bhp PD		1896	4	10/00	▶	2007	LP027		11V
	8V ATD 100bhp PD	1. Radiator water heating x 1	1896	4	10/00	▶	2007	LP022		11V
	8V ATD 100bhp PD	1. Radiator water heating x 3	1896	4	10/00	▶	2007	LP046		11V
	ASZ 130bhp PD		1896	4	09/03	▶	2007	LP096		12V

FELICIA

1.9 Diesel	1Y 64bhp		1896	4	07/96	▶		LP022		11V
	AEF 64bhp		1896	4	1996	▶		LP022		11V
	AEF 64bhp		1896	4	1997	▶		LP022		11V

OCTAVIA

1.9 SDi Diesel	AGP 68bhp		1896	4	07/96	▶	2004	LP027		11V
	AQM 68bhp		1896	4	07/96	▶	2004	LP027		11V
1.9 TDi Turbo Diesel	1Z 90bhp		1896	4	07/96	▶	2004	LP027		11V
	AGR 90bhp		1896	4	07/96	▶	2004	LP027		11V
	AGR 90bhp	1. Radiator water heating x 1	1896	4	07/96	▶	2004	LP022		11V
	AGR 90bhp	1. Radiator water heating	1896	4	07/96	▶	2004	LP046		11V
	AHF 110bhp		1896	4	07/96	▶	2004	LP027		11V
	AHF 110bhp	1. Radiator water heating x 1	1896	4	07/96	▶	2004	LP022		11V
	AHF 110bhp	1. Radiator water heating	1896	4	07/96	▶	2004	LP046		11V
	ALH 90bhp		1896	4	1997	▶	2004	LP027		11V
	ALH 90bhp	1. Radiator water heating x 1	1896	4	1997	▶	2004	LP022		11V
	ALH 90bhp	1. Radiator water heating x 3	1896	4	1997	▶	2004	LP046		11V
	105 bhp		1896	4	06/04	▶		LP087		5V
	8V ATD 100bhp PD		1896	4	10/00	▶	2004	LP027		11V
	8V ATD 100bhp PD	1. Radiator water heating x 1	1896	4	10/00	▶	2004	LP022		11V
	8V ATD 100bhp PD	1. Radiator water heating x 3	1896	4	10/00	▶	2004	LP046		11V
	ASZ 130bhp PD		1896	4	01/03	▶	2004	LP096		12V
BKC/BJB 105bhp from chassis nr 70251 ->		1896	4	06/04	▶		LP087	◇	5V	
2.0 TDi Turbo Diesel	BMM 140bhp		1968	4	11/05	▶		LP087	◇	5V
	BKD 140bhp		1968	4	06/04	▶		LP088	◇	4.4V

ROOMSTER

1.4 TDi Turbo Diesel	BNM 70bhp		1422	3	09/06	▶		LP096	◇	11V
1.9 TDi Turbo Diesel	BLS 105bhp		1896	4	09/06	▶		LP087	◇	5V

SUPERB

1.9 TDi Turbo Diesel	AVB 100bhp PD		1896	4	08/02	▶		LP096		12V
	AWX 130bhp PD		1896	4	02/02	▶		LP096		12V
2.5 TDi Turbo Diesel	AYM 155bhp		2496	6	02/02	▶		LP056		11V
	BDG 163bhp		2496	6	06/03	▶		LP056		11V

SUZUKI

BALENO

1.9 Turbo Diesel	XUD9TE (Peugeot)		1905	4	04/98	▶		LP034		11V
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GRAND VITARA

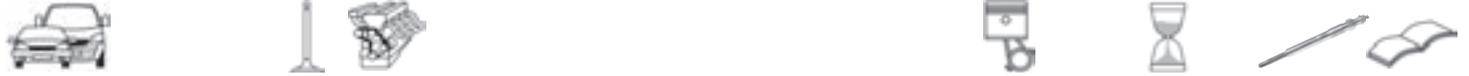
2.0 HDi Diesel	DW10 (Peugeot)		1998	4	1998	▶	2005	LP051		11V
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LIANA

1.4 DDiS	8HY		1398	4	03/05	▶		LP080	◇	11V
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SUZUKI (continued)											
SAMURAI											
1.9 TD Turbo Diesel		XUD9		1905	4	11/98	▶		LP033	◇	11V
VITARA											
1.9 Turbo Diesel		XUD9T (Peugeot)		1905	4	05/96	▶		LP034		11V
2.0 Turbo Diesel				1997	4	12/94	▶	03/98	LP051		11V
WAGON R+											
1.3 DDiS		Z13DT		1248	4	09/03	▶		LP098	◇	11V
TALBOT											
EXPRESS											
1.9 Diesel		XUD9 Peugeot		1905	4	1987	▶		LP033		11V
2.5 Diesel		CRD93		2500	4	1982	▶		LP033		11V
2.5 Turbo Diesel		CRD93T		2500	4	1982	▶		LP033		11V
HORIZON											
1.9 Diesel		XUD9 Peugeot		1905	4	1982	▶		LP033		11V
SOLARA											
1.9 Diesel		XUD9 Peugeot		1905	4	1984	▶		LP033		11V
TAGORA											
2.3 Turbo Diesel		XD2S Peugeot		2304	4	1980	▶		LP033		11V
TOYOTA											
4-RUNNER 2. Warning - care should be taken in selecting the correct voltage											
2.4 Diesel		2LT		2446	4	1983	▶		LP015		7V
		2LT		2446	4	1990	▶		LP081		11V
2.8 Diesel		3L		2779	4	1993	▶		LP081		11V
AVENSIS											
2.0 TDi Turbo Diesel		1CDFVT (D4-D)		1995	4	2001	▶	2003	LP068		11V
2.0 Turbo Diesel		2CTE		1974	4	10/97	▶	2003	LP009		11V
AYGO											
1.4 HDi Turbo Diesel				1398	4	07/05	▶		LP080	◇	11V
CAMRY											
1.8 Turbo Diesel		1CT, 1CTL		1839	4	08/83	▶	12/85	LP008		7V
2.0 Turbo Diesel		2CT, 2CTL		1974	4	1987	▶	08/88	LP008		7V
		2CT, 2CTL		1974	4	09/88	▶		LP009		11V
CARINA E											
2.0 Diesel		2C		1974	4	02/92	▶		LP009		11V
2.0 Turbo Diesel		2CT		1974	4	01/96	▶		LP009		11V
CARINA FWD											
1.8 Diesel		1C		1839	4	04/82	▶	09/83	LP008		7V
2.0 Diesel		2C		1974	4	12/87	▶		LP009		11V
		2C		1974	4	10/83	▶	11/87	LP008		7V
CARINA RWD											
1.8 Diesel		1C		1839	4	04/82	▶	09/83	LP008		7V
COROLLA FWD											
1.4 Diesel		1ND-TV		1364	4	07/04	▶		LP094	◇	11V
1.8 Diesel		1CL		1839	4	05/83	▶	04/87	LP008		7V
		1C		1839	4	05/83	▶	04/87	LP008		7V
		1CL	14. non European engines only	1839	4	05/83	▶	12/86	LP018		10.5V
		1C		1839	4	05/87	▶	04/92	LP009		11V
2.0 TDi Turbo Diesel		1CDFVT		1995	4	08/00	▶		LP068		11V
CORONA 2. Warning - care should be taken in selecting the correct voltage											
1.8 Diesel		1C		1839	4	01/82	▶	12/83	LP018		10.5V
2.0 Diesel		2C,2CL		1974	4	10/83	▶	11/87	LP008		7V
2.2 Diesel		L		2189	4	08/82	▶		LP081		11V
		L		2189	4	08/82	▶		LP015		7V
CRESSIDA 2. Warning - care should be taken in selecting the correct voltage											
2.2 Diesel		L		2188	4	08/82	▶		LP015		7V
		L		2188	4	09/80	▶	07/84	LP081		11V
2.4 Diesel		2L		2446	4	08/88	▶		LP081		11V
2.5 Diesel		2L		2446	4	08/84	▶	07/88	LP015		11V
CROWN 2. Warning - care should be taken in selecting the correct voltage											
2.4 Diesel		2L		2446	4	08/83	▶	07/89	LP015		11V
2.4 Turbo Diesel		2LT		2446	4	08/89	▶		LP081		11V
DYNA PICK-UP 10. Warning - check vehicle voltage											
2.5 Diesel		2J		2481	4	1973	▶	12/80	LP017		14V
3.0 Diesel		B		2977	4	1975	▶		LP017		14V
3.7 Diesel		14B	3. For 12 Volt System	3660	6	1993	▶		LP018		10.5V



TOYOTA (continued)									
HI-ACE 2. Warning - care should be taken in selecting the correct voltage									
2.2 Diesel	L		2188	4	1979	▶	10/82	LP015	7V
	L		2188	4	10/82	▶		LP015	7V
2.4 Diesel	2L		2446	4	1984	▶		LP015	7V
	2L		2446	4	1990	▶		LP081	11V
2.4 Turbo Diesel	2LT		2446	4	1990	▶		LP081	11V
2.8 Diesel	3L		2779	4	1990	▶		LP081	11V
3.0 Diesel	B	3. For 12 Volt System	2977	6	1993	▶		LP018	10.5V
3.7 Diesel	14B	3. For 12 Volt System	3660	6	1993	▶		LP018	10.5V
HI-LUX 2. Warning - care should be taken in selecting the correct voltage									
2.2 Diesel	L		2188	4	08/80	▶	07/81	LP015	7V
	L		2188	4	08/81	▶	07/83	LP015	7V
2.4 Diesel	2L		2446	4	1983	▶		LP015	7V
	2L		2446	4	1988	▶		LP081	11V
LANDCRUISER 2. Warning - care should be taken in selecting the correct voltage									
2.4 Diesel	2L		2446	4	11/84	▶	10/85	LP015	7V
	2L		2446	4	03/88	▶		LP081	11V
2.4 Turbo Diesel	2LT		2446	4	03/88	▶		LP081	11V
	2LT		2446	4	11/84	▶	10/85	LP015	7V
2.8 Diesel	3L		2779	4	1993	▶		LP081	11V
3.0 Turbo Diesel	1KDFTV		2982	4	10/00	▶		LP068	11V
	1KZTE		2982	4	05/93	▶		LP083	11V
3.4 Diesel	B, 3B	4. For 24 Volt System	3431	4	11/84	▶	08/88	LP017	14V
	B, 3B	3. For 12 Volt System	3431	4	08/80	▶	10/84	LP016	8.5V
	3B		3431	4	08/80	▶		LP018	10.5V
	3B	4. For 24 Volt System	3431	4	11/84	▶	08/88	LP017	14V
	3B		3431	4	01/90	▶	12/96	LP009	11V
	3B		3431	4	08/88	▶	12/89	LP019	23V
3.4 Turbo Diesel	3B		3431	4	08/80	▶		LP018	10.5V
4.0 Diesel	2H	3. For 12 Volt System	3980	6	08/80	▶	08/87	LP018	10.5V
	2H	4. For 24 Volt System	3980	6	08/80	▶	07/88	LP017	14V
4.0 Turbo Diesel	2H	3. For 12 Volt System	3980	6	08/80	▶	8/87	LP018	10.5V
	2H	4. For 24 Volt System	3980	6	08/80	▶	07/88	LP017	14V
	12HT		3980	6	08/87	▶	12/89	LP017	14V
4.2 Diesel	1H-Z		4164	6	01/90	▶	08/99	LP019	23V
4.2 Turbo Diesel	1HDT		4164	6	1/90	▶	12/97	LP019	23V
LITE-ACE									
1.8 Diesel	1C		1839	4	10/82	▶	08/88	LP008	7V
2.0 Diesel	2C		1974	4	08/88	▶	01/92	LP009	11V
MODEL F									
2.0 Diesel	2C		1974	4	05/83	▶	02/87	LP008	7V
	2C		1974	4	05/83	▶	08/85	LP018	10.5V
PICK-UP 2. Warning - care should be taken in selecting the correct voltage									
2.2 Diesel	L		2188	4	1982	▶	07/85	LP015	7V
RAV-4									
2.0 TDi Turbo Diesel	1CDFVT		1995	4	07/01	▶		LP068	11V
RAV-4 III									
2.2 D-4D	2AD-FTV		2231	4	03/06	▶		LP125	◆ 11V
2.2 D-CAT	2AD-FHV		2231	4	03/06	▶		LP126	◆ 11V
STARLET FWD 2. Warning - care should be taken in selecting the correct voltage									
1.5 Diesel	1N		1453	4	12/86	▶	11/89	LP015	7V
	1N		1453	4	12/89	▶		LP081	11V
TOYO-ACE 2. Warning - care should be taken in selecting the correct voltage									
2.2 Diesel	L		2188	4	04/80	▶	08/83	LP015	11V
YARIS									
1.4 D-4D Diesel	1ND-TV		1364	4	12/01	▶	2006	LP094	11V
	1ND-TV		1364	4	01/06	▶		LP094	◇ 11V
YARIS VERSO									
1.4 D-4D Diesel	1ND-TV		1364	4	12/01	▶		LP094	11V
VAUXHALL									
ARENA									
1.9 Diesel	F8Q (Renault)		1870	4	03/98	▶		LP050	11V
2.5 Diesel	S8U (Renault)		2499	4	03/98	▶		LP005	11V
2.5 Turbo Diesel	8140-672 (Renault)		2499	4	1997	▶		LP036	11V
ASTRA MKII 2. Warning - care should be taken in selecting the correct voltage									
1.6 Diesel	16DA		1598	4	1986	▶	01/89	LP033	11V
	16D		1598	4	1982	▶		LP033	11V
1.7 Diesel	17D		1699	4	02/89	▶	08/94	LP033	11V
	17DR		1699	4	02/89	▶	08/94	LP033	11V



VAUXHALL (continued)										
ASTRA MKII (continued)										
1.7 Turbo Diesel		4EE1T (Isuzu) to eng no 731416	1686	4	04/92	▶	02/98	LP003		5V
		4EE1T (Isuzu) from eng no 731417 to 956632	1686	4	04/92	▶	02/98	LP025		11V
		4EE1T (Isuzu) from eng no 956633	1686	4	04/92	▶	02/98	LP065		11V
		X17DTL ECO-TD Low Pressure Turbo	1699	4	10/94	▶	1998	LP034		11V
ASTRA MKIV										
1.7 DTi Turbo Diesel	16V	Y17DIT (Isuzu)	1686	4	2000	▶	2004	LP076		11V
2.0 TDi Turbo Diesel	16V	X20D	1994	4	09/97	▶	02/98	LP049		11V
	16V	X20DTL	1994	4	03/98	▶	2004	LP059		11V
ASTRA MKV										
1.3 CDTi Turbo Diesel		Z13DTH	1248	4	08/05	▶		LP098	◇	11V
1.9 CDTi Turbo Diesel	16V	Z19DT	1910	4	09/05	▶		LP072	◇	11V
		Z19DTJ	1910	4	08/04	▶		LP101	◇	11V
		Z19DTH	1910	4	09/04	▶		LP101	◇	11V
ASTRA VAN										
1.6 Diesel		16DA	1598	4	1986	▶		LP033		11V
		16D	1598	4	1982	▶		LP033		11V
1.7 Diesel		17D	1699	4	1988	▶		LP033		11V
1.7 Turbo Diesel		X17DTL ECO-TD Low Pressure Turbo	1699	4	1994	▶		LP034		11V
2.0 Diesel	16V	X20D	1995	4	1998	▶		LP059		11V
ASTRAMAX										
1.7 Diesel		17D	1699	4	1989	▶		LP033		11V
BELMONT										
1.5 Diesel		4EC1 (Isuzu)	1488	4	01/87	▶	08/90	LP025		11V
1.5 Turbo Diesel		4EC1T (Isuzu)	1488	4	01/87	▶	08/90	LP025		11V
1.6 Diesel		16DA	1598	4	1986	▶	01/89	LP033		11V
		16D	1598	4	1986	▶		LP033		11V
1.7 Diesel		17DR	1699	4	02/89	▶	08/91	LP033		11V
		17D	1699	4	02/89	▶	08/91	LP033		11V
BRAVA PICK-UP										
2.2 Diesel		C223D	2238	4	1988	▶		LP002		5V
2.5 Diesel		4JA1 (Isuzu)	2499	4	02/90	▶		LP002		5V
2.5 Turbo Diesel		4JA1T (Isuzu)	2499	4	02/90	▶		LP002		5V
3.1 Turbo Diesel		4JG2TC (Isuzu)	3059	4	1995	▶		LP025		11V
CARLTON										
2.3 Diesel		23D	2260	4	1982	▶		LP033		11V
		23YD	2260	4	1982	▶		LP033		11V
2.3 Turbo Diesel		23YDT	2260	4	1991	▶		LP033		11V
		23DTR	2260	4	1991	▶		LP033		11V
CAVALIER FWD 2. Warning - care should be taken in selecting the correct voltage										
1.6 Diesel		16D	1598	4	1982	▶	08/88	LP033		11V
		16DA	1598	4	1987	▶	08/88	LP033		11V
1.7 Diesel		17D	1699	4	1988	▶	08/95	LP033		11V
		17DR	1699	4	1988	▶	08/95	LP033		11V
1.7 Turbo Diesel		4EE1T (Isuzu) to eng no 731416	1686	4	04/92	▶	08/95	LP003		5V
		4EE1T (Isuzu) from eng no 731417	1686	4	04/92	▶	08/95	LP025		11V
		4EE1T (Isuzu)	1686	4	04/92	▶	08/95	LP065		11V
COMBO										
1.5 Diesel		4EC1 (Isuzu)	1488	4	1993	▶		LP065		11V
1.5 Turbo Diesel		4EC1T (Isuzu)	1488	4	1993	▶		LP065		11V
1.7 Diesel		X17D, 4EE1 (Isuzu)	1686	4	1993	▶		LP065		11V
1.7 Turbo Diesel		4EE1T Isuzu	1686	4	1993	▶		LP065		11V
		X17DTL (GM Low-Blow)	1699	4	1993	▶		LP034		11V
CORSA MKI										
1.5 Diesel		4EC1 (Isuzu)	1488	4	03/93	▶	2000	LP065		11V
1.5 Turbo Diesel		4EC1T (Isuzu)	1488	4	03/93	▶	2000	LP065		11V
1.7 Diesel		X17D, 4EE1 (Isuzu)	1686	4	03/93	▶	2000	LP065		11V
		X17D, 4EE1 (Isuzu)	1686	4	1993	▶	2000	LP065		11V
1.7 Turbo Diesel		4EE1T (Isuzu)	1686	4	03/93	▶	2000	LP065		11V
CORSA MKII										
1.7 Di Diesel	16V	Y17DT (Isuzu)	1686	4	2000	▶	2003	LP076		11V
1.7 DTi Turbo Diesel	16V	Y17DT (Isuzu)	1686	4	2001	▶	2003	LP076		11V
CORSA MKIii										
1.3 CDTi Turbo Diesel		Z13DT	1248	4	06/03	▶		LP098	◇	11V



VAUXHALL (continued)										
FRONTERA										
2.2 DTi Turbo Diesel	16V	X22DTH	2171	4	1998	▶		LP059		11V
	16V	Y22DTR	2171	4	2000	▶		LP076		11V
2.2 Turbo Diesel	16V	Y22DTH	2171	4	2000	▶		LP077		11V
2.3 Turbo Diesel		Z3YDT	2260	4	10/91	▶		LP034		11V
2.5 Turbo Diesel		25TD VENTURI	2499	4	09/96	▶		LP043		11V
2.8 TDi Turbo Diesel		4JB1T (Isuzu)	2771	4	04/95	▶		LP002		9V
		4JB1T (Isuzu)	2771	4	1992	▶		LP028		11V
KB PICK-UP										
2.0 Diesel		C190	1951	4	1981	▶		LP002		5V
MERIVA										
1.3 CDTi Turbo Diesel		Z13DTJ	1248	4	09/03	▶		LP098	◇	11V
MIDI 2. Warning - care should be taken in selecting the correct voltage										
2.0 Diesel		4FC1 (Isuzu)	1995	4	1984	▶		LP029		11V
2.0 Turbo Diesel		4FC1T (Isuzu)	1995	4	03/88	▶		LP003		5V
2.2 Diesel		4FD1 (Isuzu)	2189	4	1988	▶		LP002		5V
		EURO	2189	4	1989	▶		LP003		5V
MONTEREY										
3.0 DTi Turbo Diesel		4JX1 (Isuzu)	2999	4	07/98	▶	08/99	LP078		11V
3.1 Turbo Diesel		4JG2TC (Isuzu)	3059	4	05/94	▶		LP025		11V
MOVANO										
1.9 DTi Diesel		F9Q	1870	4	09/00	▶		LP073		11V
1.9 DTi Turbo Diesel		F9Q 770 (Renault)	1870	4	09/01	▶		LP073		11V
2.2 DCi Turbo Diesel		G9T 720 (Renault)	2188	4	09/00	▶		LP075		11V
2.5 DCi Turbo Diesel			2463	4	10/00	▶		LP075		11V
2.5 Diesel		S8U (Renault)	2499	4	2000	▶		LP005		11.5V
		S8U (Renault)	2499	4	2000	▶		LP005		11.5V
NOVA 2. Warning - care should be taken in selecting the correct voltage										
1.5 Diesel		4EC1 (Isuzu) to eng no 804794	1488	4	09/87	▶	02/93	LP002		5V
		4EC1 (Isuzu) from eng no 804795	1488	4	09/87	▶	02/93	LP029		11V
1.5 Turbo Diesel		4EC1T (Isuzu) to eng no 804794	1488	4	03/88	▶	02/93	LP003		5V
		4EC1T (Isuzu) from eng no 804795	1488	4	03/88	▶	02/93	LP025		11V
OMEGA										
2.0 TDi Turbo Diesel	16V	X20DLC	1998	4	09/96	▶	08/97	LP049		11V
	16V	X20DLC	1998	4	09/97	▶		LP059		11V
2.2 DTi Turbo Diesel	16V	Y22DTH, Y22DTR	2172	4	2000	▶		LP077		11V
2.5 Turbo Diesel		U25TD, X25TD	2498	6	04/94	▶		LP035		11V
SIGNUM										
1.9 CDTi Turbo Diesel		Z19DHT	1910	4	04/04	▶		LP101		11V
2.0 Diesel	16V		1995	4	2003	▶		LP077		11V
2.2 Turbo Diesel	16V		2172	4	2003	▶		LP077		11V
3.0 CDTi Turbo Diesel		Y30DT	2958	V6	06/03	▶		LP115	◆	11V
		Z30DT	2959	V6	08/05	▶		LP115	◆	11V
SINTRA										
2.2 DTi Turbo Diesel	16V	X22DTH	2198	4	07/97	▶	04/99	LP059		11V
TIGRA TWIN TOP										
1.3 CDTi Turbo Diesel		Z13DT	1248	4	06/04	▶		LP098	◆	11V
VECTRA										
1.7 Turbo Diesel		4EE1T, X17DT (Isuzu)	1686	4	10/95	▶	2002	LP065		11V
1.9 CDTi Turbo Diesel		Z19DHT	1910	4	04/04	▶		LP101		11V
2.0 Di Turbo Diesel	16V	X20DTH	1994	4	09/97	▶	2002	LP059		11V
2.0 DTi Turbo Diesel	16V	X20DTL	1994	4	08/96	▶	08/97	LP049		11V
2.0 Turbo Diesel	16V	Y20DTH	1995	4	2001	▶	2002	LP077		11V
2.2 Turbo Diesel		Y22DTR	2171	4	2000	▶	2002	LP059		11V
3.0 CDTi Turbo Diesel		Y30DT	2958	V6	06/03	▶	2005	LP115	◆	11V
		Z30DT	2959	V6	08/05	▶		LP115	◆	11V
VIVARO										
1.9 Di Diesel		F9Q (Renault)	1870	4	2001	▶		LP073		11V
1.9 DTi Diesel		F9Q (Renault)	1870	4	09/01	▶		LP073		11V
2.5 DTi Turbo Diesel			2463	4	05/03	▶		LP075		11V
ZAFIRA MPV										
1.9 CDTi Turbo Diesel		Z19DT	1910		07/05	▶	07/07	LP072	◇	11V
		Z19DTH	1910		07/05	▶		LP101	◇	11V
2.0 DTi Turbo Diesel	16V	X20DTL	1994	4	05/99	▶	2005	LP059		11V
	16V	Y20DTH	1994	4	09/00	▶	2005	LP059		11V
2.2 DTi Turbo Diesel	16V	Y22DTR	2198	4	01/02	▶	2005	LP076		11V
CF										
2.0 Diesel		20D	1997	4	1977	▶		LP033		11V
2.3 Diesel		23D	2260	4	09/80	▶		LP033		11V



VOLKSWAGEN

BORA (1JZ)

1.9 SDi Diesel	AGP 68bhp		1896	4	09/98	▶	2005	LP027		11V
	AQM 68bhp		1896	4	09/98	▶	2005	LP027		11V
1.9 TDi Turbo Diesel	AGR 90bhp		1896	4	09/98	▶	2005	LP027		11V
	AGR 90bhp	1. Radiator water heating x 1	1896	4	09/98	▶	2005	LP022		11V
	AGR 90bhp	1. Radiator water heating x 3	1896	4	09/98	▶	2005	LP046		11V
	ALH 90bhp		1896	4	09/98	▶	2005	LP027		11V
	ALH 90bhp	1. Radiator water heating x 1	1896	4	09/98	▶	2005	LP022		11V
	ALH 90bhp	1. Radiator water heating x 3	1896	4	09/98	▶	2005	LP046		11V
	AHF 110bhp		1896	4	09/98	▶	2005	LP027		11V
	AHF 110bhp	1. Radiator water heating x 1	1896	4	09/98	▶	2005	LP022		11V
	AHF 110bhp	1. Radiator water heating	1896	4	09/98	▶	2005	LP046		11V
	AJM 115bhp PD		1896	4	09/98	▶	2005	LP027		11V
	AJM 115bhp PD	1. Radiator water heating x 1	1896	4	09/98	▶	2005	LP022		11V
	AJM 115bhp PD	1. Radiator water heating	1896	4	09/98	▶	2005	LP046		11V
	ATD 101bhp PD		1896	4	09/00	▶	10/01	LP027		11V
	ATD 101bhp PD	1. Radiator water heating x 1	1896	4	11/01	▶	2005	LP022		11V
	ATD 101bhp PD	1. Radiator water heating x 3	1896	4	11/01	▶	2005	LP046		11V
	ATD 101bhp PD		1896	4	11/01	▶	2005	LP096		12V
	AXR 101bhp PD		1896	4	09/00	▶	10/01	LP027		11V
	AXR 101bhp PD	1. Radiator water heating x 1	1896	4	11/01	▶	2005	LP022		11V
	AXR 101bhp PD	1. Radiator water heating x 3	1896	4	11/01	▶	2005	LP046		11V
	AXR 101bhp PD		1896	4	11/01	▶	2005	LP096		12V
	ASV 110bhp		1896	4	09/98	▶	2005	LP027		11V
	ASV 110bhp	1. Radiator water heating x 1	1896	4	09/98	▶	2005	LP022		11V
	ASV 110bhp	1. Radiator water heating	1896	4	09/98	▶	2005	LP046		11V
	ASZ 130bhp PD		1896	4	05/99	▶	09/01	LP027		11V
	ASZ 130bhp PD	1. Radiator water heating x 1	1896	4	05/99	▶	09/01	LP022		11V
	ASZ 130bhp PD	1. Radiator water heating x 3	1896	4	05/99	▶	09/01	LP046		11V
	ASZ 130bhp PD		1896	4	11/01	▶	2005	LP096		12V
	ARL 150bhp PD		1896	4	05/99	▶	09/01	LP027		11V
	ARL 150bhp PD	1. Radiator water heating x 1	1896	4	05/99	▶	09/01	LP022		11V
	ARL 150bhp PD	1. Radiator water heating x 3	1896	4	05/99	▶	09/01	LP046		11V
	ARL 150bhp PD		1896	4	10/01	▶	2005	LP096		12V
	AUY 115bhp PD		1896	4	05/99	▶	2005	LP027		11V
AUY 115bhp PD	1. Radiator water heating x 1	1896	4	05/99	▶	2005	LP022		11V	
AUY 115bhp PD	1. Radiator water heating x 3	1896	4	05/99	▶	2005	LP046		11V	

CADDY MKI

1.6 Diesel	JK 54bhp		1588	4	1984	▶	1994	LP022		11V
	ME 54bhp		1588	4	1984	▶	1994	LP022		11V

CADDY MKII

1.7 SDi Diesel	AHB 57bhp		1716	4	07/96	▶	2004	LP027		11V
	AHB 57bhp	1. Radiator water heating	1716	4	07/96	▶	2004	LP022		11V
1.9 Diesel	1Y 64bhp		1896	4	11/95	▶	2004	LP022		11V
	AEF 64bhp		1896	4	06/96	▶	2004	LP022		11V
1.9 SDi Diesel	AEY 64bhp		1896	4	11/95	▶	2004	LP027		11V
	AEY 64bhp	1. Radiator water heating	1896	4	11/95	▶	2004	LP022		11V
1.9 TDi Turbo Diesel	ALE 90bhp		1896	4	09/96	▶	2004	LP027		11V
	ALE 90bhp	1. Radiator water heating x 1	1896	4	09/96	▶	2004	LP022		11V
	ALE 90bhp	1. Radiator water heating x 3	1896	4	09/96	▶	2004	LP046		11V
	AHU 90bhp		1896	4	09/96	▶	2004	LP027		11V
	AHU 90bhp	1. Radiator water heating x 1	1896	4	09/96	▶	2004	LP022		11V
	AHU 90bhp	1. Radiator water heating x 3	1896	4	09/96	▶	2004	LP046		11V

CADDY III

1.9 TDi Turbo Diesel	BSU 75bhp		1896	4	09/05	▶		LP087	◇	5V
	BJB 105bhp from chassis nr 705251 ->		1896	4	04/04	▶		LP087	◇	5V
2.0 SDi Turbo Diesel	BDJ 69bhp		1968	4	03/04	▶		LP088		4.4V
2.0 SDi Turbo Diesel	BDJ 70bhp		1968	4	03/04	▶		LP096	◇	11V

CARAVELLE

1.7 Diesel		KY 57bhp	1715	4	1986	▶		LP022		11V
1.9 Diesel		1X 60bhp	1896	4	1990	▶		LP022		11V
1.9 Turbo Diesel		ABL 68bhp	1896	4	1995	▶		LP022		11V
2.4 Diesel	10V	AAB 78bhp	2370	5	1990	▶	09/95	LP022		11V
2.5 TDi Turbo Diesel		ACV 102bhp	2459	5	08/95	▶	04/98	LP027		11V
		AJT 88bhp	2459	5	05/98	▶		LP056		11V

CRAFTER

2.5 TDi Turbo Diesel		BJJ 88bhp	2461	5	04/06	▶		LP087	◇	5V
		BJK 109bhp	2461	5	04/06	▶		LP087	◇	5V
		BJL 136bhp	2461	5	04/06	▶		LP087	◇	5V
		BJM 163bhp	2461	5	04/06	▶		LP087	◇	5V



VOLKSWAGEN (continued)

EUROVAN										
2.4 Diesel		AAB 78bhp		2383	5	10/92	▶	04/97	LP027	11V
2.5 TDi Turbo Diesel		ACV 102bhp		2460	5	01/95	▶		LP027	11V
GOLF CABRIOLET										
1.9 TDi Turbo Diesel		1Z 90bhp		1896	4	08/95	▶	07/96	LP027	11V
		1Z 90bhp	1. Radiator water heating x 1	1896	4	08/95	▶	07/96	LP022	11V
		1Z 90bhp	1. Radiator water heating x 3	1896	4	08/95	▶	07/96	LP046	11V
		AFN 110bhp		1896	4	03/94	▶		LP027	11V
		AFN 110bhp	1. Radiator water heating x 1	1896	4	03/94	▶		LP022	11V
		AFN 110bhp	1. Radiator water heating x 3	1896	4	03/94	▶		LP046	11V
		ALE 90bhp		1896	4	04/97	▶		LP027	11V
		ALE 90bhp	1. Radiator water heating x 1	1896	4	04/97	▶		LP022	11V
		ALE 90bhp	1. Radiator water heating x 3	1896	4	04/97	▶		LP046	11V
		AHU 90bhp		1896	4	03/94	▶		LP027	11V
		AHU 90bhp	1. Radiator water heating x 1	1896	4	03/94	▶		LP022	11V
		AHU 90bhp	1. Radiator water heating x 3	1896	4	03/94	▶		LP046	11V
GOLF I (17)										
1.5 Diesel		CK 50bhp		1471	4	1978	▶	1983	LP022	11V
		CR 54bhp		1588	4	1980	▶	1983	LP022	11V
1.6 Turbo Diesel		CY 70bhp		1588	4	1982	▶	1983	LP022	11V
GOLF II (19E)										
1.6 Diesel		JP 54bhp		1588	4	1981	▶	08/91	LP022	11V
		JP 54bhp		1588	4	1983	▶	1992	LP022	11V
		JK 40KW		1588	4	1980	▶	1992	LP022	11V
		JK 54bhp		1588	4	1981	▶	08/91	LP022	11V
		ME 54bhp		1588	4	1988	▶	1992	LP022	11V
1.6 Turbo Diesel		1V 60bhp		1588	4	1981	▶	08/91	LP022	11V
		1V 60bhp		1588	4	1989	▶	1992	LP022	11V
		MF 70bhp		1588	4	1988	▶	1992	LP022	11V
		RA 80bhp		1588	4	04/89	▶	02/90	LP022	11V
		SB 80bhp		1588	4	08/89	▶	10/91	LP022	11V
		CY 70bhp		1588	4	1983	▶	1992	LP022	11V
GOLF III (1HX, 1E)										
1.9 Diesel		1Z 90bhp		1896	4	1993	▶	08/97	LP022	11V
		1Y 64bhp		1896	4	10/91	▶	08/97	LP022	11V
		1Y 65bhp		1896	4	1993	▶	08/97	LP022	11V
1.9 SDi Diesel		AEY 64bhp		1896	4	09/93	▶	1998	LP027	11V
1.9 TDi Turbo Diesel		1Z 90bhp		1896	4	1994	▶	1998	LP027	11V
		1Z 90bhp	1. Radiator water heating x 1	1896	4	1994	▶	1998	LP022	11V
		1Z 90bhp	1. Radiator water heating x 3	1896	4	1994	▶	1998	LP046	11V
		AHU 90bhp		1896	4	03/94	▶	1998	LP027	11V
		AHU 90bhp	1. Radiator water heating x 1	1896	4	03/94	▶	1998	LP022	11V
		AHU 90bhp	1. Radiator water heating x 3	1896	4	03/94	▶	1998	LP046	11V
		AFN 110bhp		1896	4	03/94	▶	1998	LP027	11V
		AFN 110bhp	1. Radiator water heating x 1	1896	4	03/94	▶	1998	LP022	11V
		AFN 110bhp	1. Radiator water heating x 3	1896	4	03/94	▶	1998	LP046	11V
1.9 Turbo Diesel		AAZ 75bhp		1896	4	10/91	▶	08/97	LP022	11V
		AAZ 75bhp		1896	4	1993	▶	08/97	LP022	11V
GOLF IV (1J)										
1.9 SDi Diesel		AGP 68bhp		1896	4	07/97	▶	2005	LP027	11V
		AQM 68bhp		1896	4	07/97	▶	2005	LP027	11V
1.9 TDi Turbo Diesel		1Z 90bhp		1896	4	1998	▶	2005	LP027	11V
		1Z 90bhp	1. Radiator water heating x 1	1896	4	1998	▶	2005	LP022	11V
		1Z 90bhp	1. Radiator water heating x 3	1896	4	1998	▶	2005	LP046	11V
		ALH 90bhp		1896	4	07/97	▶	2005	LP027	11V
		ALH 90bhp	1. Radiator water heating x 1	1896	4	07/97	▶	2005	LP022	11V
		ALH 90bhp	1. Radiator water heating x 3	1896	4	07/97	▶	2005	LP046	11V
		AGR 90bhp		1896	4	07/97	▶	2005	LP027	11V
		AGR 90bhp	1. Radiator water heating x 1	1896	4	07/97	▶	2005	LP022	11V
		AGR 90bhp	1. Radiator water heating x 3	1896	4	07/97	▶	2005	LP046	11V
		ALE 90bhp		1896	4	05/97	▶	2005	LP027	11V
		ALE 90bhp	1. Radiator water heating x 1	1896	4	05/97	▶	2005	LP022	11V
		ALE 90bhp	1. Radiator water heating x 3	1896	4	05/97	▶	2005	LP046	11V
		AHF 110bhp		1896	4	07/97	▶	2005	LP027	11V
		AHF 110bhp	1. Radiator water heating x 1	1896	4	07/97	▶	2005	LP022	11V
		AHF 110bhp	1. Radiator water heating x 3	1896	4	07/97	▶	2005	LP046	11V
		AJM 115bhp PD		1896	4	07/97	▶	2005	LP027	11V
		AJM 115bhp PD	1. Radiator water heating x 1	1896	4	07/97	▶	2005	LP022	11V
		AJM 115bhp PD	1. Radiator water heating x 3	1896	4	07/97	▶	2005	LP046	11V



VOLKSWAGEN (continued)

GOLF IV (1J) (continued)

1.9 TDi Turbo Diesel (continued)	AUY 115bhp PD		1896	4	01/00 ▶	2005	LP027		11V
	AUY 115bhp PD	1. Radiator water heating x 1	1896	4	01/00 ▶	2005	LP022		11V
	AUY 115bhp PD	1. Radiator water heating x 3	1896	4	01/00 ▶	2005	LP046		11V
	ARL 150bhp PD		1896	4	01/00 ▶	2005	LP027		11V
	ASV 110bhp		1896	4	05/99 ▶	2005	LP027		11V
	ASV 110bhp	1. Radiator water heating x 1	1896	4	05/99 ▶	2005	LP022		11V
	ASV 110bhp	1. Radiator water heating x 3	1896	4	05/99 ▶	2005	LP046		11V
	ATD 101bhp PD		1896	4	07/97 ▶	10/01	LP027		11V
	ATD 101bhp PD	1. Radiator water heating x 1	1896	4	07/97 ▶	10/01	LP022		11V
	ATD 101bhp PD	1. Radiator water heating x 3	1896	4	07/97 ▶	10/01	LP046		11V
	ATD 101bhp PD		1896	4	11/01 ▶	2005	LP096		12V
	AXR 101bhp PD		1896	4	07/97 ▶	10/01	LP027		11V
	AXR 101bhp PD	1. Radiator water heating x 1	1896	4	07/97 ▶	10/01	LP022		11V
	AXR 101bhp PD	1. Radiator water heating x 3	1896	4	07/97 ▶	10/01	LP046		11V
	AXR 101bhp PD		1896	4	11/01 ▶	2005	LP096		12V
	ASZ 130bhp PD		1896	4	07/97 ▶	10/01	LP027		11V
	ASZ 130bhp PD	1. Radiator water heating x 1	1896	4	07/97 ▶	10/01	LP022		11V
	ASZ 130bhp PD	1. Radiator water heating x 3	1896	4	07/97 ▶	10/01	LP046		11V
	ASZ 130bhp PD		1896	4	11/01 ▶	2005	LP096		12V
	ARL 150bhp PD		1896	4	07/97 ▶	10/01	LP027		11V
ARL 150bhp PD	1. Radiator water heating x 1	1896	4	07/97 ▶	10/01	LP022		11V	
ARL 150bhp PD	1. Radiator water heating x 3	1896	4	07/97 ▶	10/01	LP046		11V	
ARL 150bhp PD		1896	4	11/01 ▶	2005	LP096		12V	

GOLF V

1.9 TDi Turbo Diesel	BJB 105bhp		1896	4	10/03 ▶		LP087		5V
	BKC 105bhp		1896	4	10/03 ▶		LP087		5V
	BRU/BXF 90bhp from chassis nr 70251 ->		1896	4	05/04 ▶		LP087	◇	5V
2.0 GTD Turbo Diesel	BMN 170bhp		1968	4	11/05 ▶		LP088	◇	4.4V
2.0 SDi Diesel	BDK 75bhp		1968	4	01/04 ▶		LP087	◇	5V
	BDK 75bhp		1968	4	01/04 ▶		LP088		4.4V
2.0 TDi Turbo Diesel	BMM 140bhp		1968	4	08/04 ▶		LP087	◇	5V
	BKD 140bhp		1968	4	10/03 ▶		LP088		4.4V

JETTA (17, 19)

1.6 Diesel	CS 50bhp		1588	4	1980 ▶		LP022		11V
	ME 54bhp		1588	4	1980 ▶		LP022		11V
	JP 54bhp		1588	4	1983 ▶		LP022		11V
	CR 54bhp		1588	4	1980 ▶		LP022		11V
	JK 54bhp		1588	4	1980 ▶		LP022		11V
1.6 Turbo Diesel	CY 70bhp		1588	4	1982 ▶		LP022		11V
	IV 60bhp		1588	4	1983 ▶		LP022		11V
	JR 70bhp		1588	4	1984 ▶		LP022		11V
	MF 70bhp		1588	4	1984 ▶		LP022		11V
	RA 80bhp		1588	4	1989 ▶		LP022		11V
	SB 80bhp		1588	4	1989 ▶		LP022		11V

JETTA III

1.9 TDi Turbo Diesel		BKC/BLS 105bhp	1896	4	09/05 ▶		LP087	◇	5V
2.0 TDi Turbo Diesel		AZV 136bhp	1968	4	09/05 ▶		LP088	◇	4.4V
		BMM 140bhp	1968	4	10/05 ▶		LP087	◇	5V
		BKD 140bhp	1968	4	08/05 ▶		LP088	◇	4.4V
		BMN 170bhp	1968	4	10/06 ▶		LP088	◇	4.4V

LT

2.4 Diesel	12V	DW 75bhp	2383	6	1983 ▶		LP022		11V
	12V	1S 70bhp	2383	6	1988 ▶		LP022		11V
	12V	CP 75bhp	2383	6	1980 ▶		LP022		11V
	12V	ACL 95bhp	2383	6	1983 ▶		LP022		11V
	12V	ACT 70bhp	2383	6	1983 ▶		LP022		11V
2.4 Turbo Diesel		DV 102bhp	2383	6	1983 ▶		LP022		11V
	12V	1G 92bhp	2383	6	1983 ▶		LP022		11V
2.5 SDi Diesel	10V	AGX 75bhp	2459	5	05/96 ▶		LP027		11V
2.5 TDi Turbo Diesel	10V	AHD 102bhp	2459	5	05/96 ▶		LP027		11V
	10V	APA 90bhp	2459	5	05/99 ▶		LP027		11V
	10V	BBE 83bhp	2459	5	05/01 ▶		LP027		11V
	10V	BBF 95bhp	2459	5	05/01 ▶		LP096		12V
	10V	ANJ 109bhp	2459	5	05/99 ▶		LP027		12V
	10V	AVR 109bhp	2459	5	05/99 ▶		LP027		12V
2.7 Diesel		CG 65bhp, 4.165 Perkins	2710	4	1976 ▶		LP001		11V
2.8 TDi Turbo Diesel		AGK 125bhp	2799	4	06/97 ▶	12/98	LP103		11.5V
		ATA 131bhp	2799	4	01/99 ▶		LP027		11V
		AUH 158bhp	2799	4	04/02 ▶		LP097		11.5V
2.8 Turbo Diesel		AGK 125bhp	2790	4	05/96 ▶		LP027		11V



VOLKSWAGEN (continued)

LUPO (6X1, 6E1)

1.2 TDi Turbo Diesel	6V	ANY 61bhp	1191	3	11/98	▶		LP027		11V
	6V	AYZ 61bhp	1191	3	11/01	▶		LP096		12V
1.4 TDi Turbo Diesel	6V	AMF 75bhp PD	1422	3	01/99	▶	10/01	LP027		11V
	6V	AMF 75bhp PD	1422	3	11/01	▶		LP096		12V
1.7 SDi Diesel	8V	AKU 60bhp	1716	4	10/98	▶	10/01	LP027		11V
	8V	AKU 60bhp	1716	4	11/01	▶		LP096		12V

MULTIVAN

1.9 Diesel		1X 60bhp	1896	4	1990	▶		LP022		11V
1.9 TDi Turbo Diesel		BRS 102bhp	1896	4	06/06	▶		LP087	◇	5V
1.9 Turbo Diesel		ABL 68bhp	1896	4	1992	▶		LP022		11V
2.4 Diesel		AAB 78bhp	2370	5	1990	▶		LP022		11V
		AJA 75bhp	2370	5	05/97	▶		LP022		11V
2.5 TDi Turbo Diesel		ACV 102bhp	2460	5	08/95	▶		LP027		11V

MULTIVAN T5

1.9 TDi Turbo Diesel		AXB 105bhp	1896	4	4/03	▶		LP096		12V
2.5 TDi Turbo Diesel		AXD 130bhp	2460	5	4/03	▶		LP096		12V
		AXE 174bhp	2460	5	4/03	▶		LP096		12V

NEW BEETLE

1.9 TDi Turbo Diesel		ATD 101bhp PD	1896	4	2001	▶	10/01	LP027		11V
		ATD 101bhp PD	1896	4	2001	▶	10/01	LP022		11V
		ATD 101bhp PD	1896	4	2001	▶	10/01	LP046		11V
		ATD 101bhp PD	1896	4	11/01	▶		LP096		12V
		AGR 90bhp	1896	4	11/98	▶		LP027		11V
		AGR 90bhp	1897	4	11/98	▶		LP046		11V
		AGR 90bhp	1896	4	11/98	▶		LP046		11V
		ALH 90bhp	1896	4	01/98	▶		LP027		11V
		ALH 90bhp	1896	4	01/98	▶		LP046		11V
		ALH 90bhp	1896	4	01/98	▶		LP046		11V
		ALH 90bhp	1896	4	01/98	▶		LP046		11V
		AXR 101bhp PD	1896	4	03/03	▶		LP096		12V

PASSAT I (32, 33)

1.5 Diesel		CK 50bhp	1471	4	1979	▶		LP022		11V
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PASSAT II (32B)

1.6 Diesel		CR 54bhp	1588	4	1980	▶		LP022		11V
		JK 54bhp	1588	4	1980	▶		LP022		11V
1.6 Turbo Diesel		CY 70bhp	1588	4	1980	▶		LP022		11V
		RA 80bhp	1588	4	1984	▶		LP022		11V
1.9 Diesel		1Y 68bhp	1896	4	1980	▶		LP022		11V

PASSAT III (35)

1.6 Turbo Diesel	8V	SB 80bhp	1588	4	1988	▶	1997	LP022		11V
	8V	RA 80bhp	1588	4	1988	▶	1997	LP022		11V
1.9 Diesel		1Y 68bhp	1896	4	1988	▶	1997	LP022		11V
1.9 TDi Turbo Diesel		1Z 90bhp	1896	4	08/89	▶	1997	LP027		11V
		1Z 90bhp	1896	4	08/89	▶	1997	LP022		11V
		1Z 90bhp	1896	4	08/89	▶	1997	LP046		11V
		AFN 110bhp	1896	4	09/93	▶	1997	LP027		11V
		AFN 110bhp	1896	4	09/93	▶	1997	LP022		11V
		AFN 110bhp	1896	4	09/93	▶	1997	LP046		11V
1.9 Turbo Diesel		AAZ 75bhp	1896	4	05/89	▶	1997	LP022		11V

PASSAT IV (3B)

1.9 TDi Turbo Diesel		AFN 110bhp	1896	4	03/96	▶		LP027		11V
		AFN 110bhp	1896	4	03/96	▶		LP022		11V
		AFN 110bhp	1896	4	03/96	▶		LP046		11V
		AJM 115bhp PD	1896	4	01/98	▶		LP027		11V
		AJM 115bhp PD	1896	4	01/98	▶		LP022		11V
		AJM 115bhp PD	1896	4	01/98	▶		LP046		11V
		AVG 110bhp	1896	4	08/99	▶		LP027		11V
		AVG 110bhp	1896	4	08/99	▶		LP022		11V
		AVG 110bhp	1896	4	08/99	▶		LP046		11V
		AVF 130bhp PD	1896	4	10/00	▶	10/01	LP027		11V
		AVF 130bhp PD	1896	4	10/00	▶	10/01	LP022		11V
		AVF 130bhp PD	1896	4	10/00	▶	10/01	LP046		11V
		AVF 130bhp PD	1896	4	11/01	▶		LP096		12V
		AHU 90bhp	1896	4	10/96	▶		LP027		11V
		AHU 90bhp	1896	4	10/96	▶		LP022		11V
		AHU 90bhp	1896	4	10/96	▶		LP046		11V



VOLKSWAGEN (continued)

PASSAT IV (3B) (continued)

1.9 TDi Turbo Diesel (continued)		AHH 90bhp		1896	4	08/97	▶		LP027		11V
		AHH 90bhp	1. Radiator water heating x 1	1896	4	08/97	▶		LP022		11V
		AHH 90bhp	1. Radiator water heating x 3	1896	4	08/97	▶		LP046		11V
		ATJ 115bhp PD		1896	4	12/99	▶		LP027		11V
		ATJ 115bhp PD	1. Radiator water heating x 1	1896	4	12/99	▶		LP022		11V
		ATJ 115bhp PD	1. Radiator water heating x 3	1896	4	12/99	▶		LP046		11V
		AVB 100bhp PD		1896	4	03/96	▶	10/01	LP027		11V
		AVB 100bhp PD	1. Radiator water heating x 1	1896	4	03/96	▶	10/01	LP022		11V
		AVB 100bhp PD	1. Radiator water heating x 3	1896	4	03/96	▶	10/01	LP046		11V
		AVB 100bhp PD		1896	4	11/01	▶		LP096		12V
		AWX 131bhp PD		1896	4	10/00	▶	10/01	LP027		11V
		AWX 131bhp PD	1. Radiator water heating x 1	1896	4	10/00	▶	10/01	LP022		11V
		AWX 131bhp PD	1. Radiator water heating x 3	1896	4	10/00	▶	10/01	LP046		11V
	AWX 131bhp PD		1896	4	11/01	▶		LP096		12V	
2.0 TDi Turbo Diesel		AZV 136bhp		1968	4	2004	▶		LP088		4.4V
2.5 TDi Turbo Diesel	24V	AFB 150bhp		2496	6	08/98	▶		LP056		11V
		AKN 150bhp		2496	6	09/98	▶		LP056		11V
		BDG 163bhp		2496	6	05/03	▶		LP056		11V
		BAU 180bhp		2496	6	02/03	▶		LP056		11V
		BDH 180bhp		2496	6	02/03	▶		LP056		11V

PASSAT V (3C)

1.9 TDi Turbo Diesel		BKC 105bhp		1896	4	03/05	▶		LP087	◇	5V
2.0 TDi Turbo Diesel	16V	BMP 140bhp		1968	4	03/05	▶		LP088	◇	4.4V
		BKP 140bhp		1968	4	03/05	▶		LP088	◇	4.4V
		BMR 170bhp		1968	4	08/05	▶		LP088	◇	4.4V

PHAETON

3.0 TDi Turbo Diesel		BMK 224bhp from chassis nr 4F-5-026 001 ->		2967	6	09/04	▶		LP092	◇	4.4V
5.0 TDi Turbo Diesel	20V	AJS 313bhp		4921	V10	11/02	▶		LP096		12V

POLO CLASSIC (6KV2)

1.7 SDi Diesel		AKW 60bhp		1716	4	11/97	▶		LP027		11V
		AKW 60bhp	1. Radiator water heating x 1	1716	4	11/97	▶		LP022		11V
		AKW 60bhp	1. Radiator water heating x 3	1716	4	11/97	▶		LP046		11V
1.9 Diesel		1Y 68bhp		1896	4	10/99	▶		LP027		11V
1.9 SDi Diesel		AEY 64bhp		1896	4	10/99	▶		LP027		11V
		AGP 68bhp		1896	4	10/99	▶		LP027		11V
		AQM 68bhp		1896	4	10/99	▶		LP027		11V
1.9 TDi Turbo Diesel		AFN 110bhp		1896	4	08/98	▶		LP027		11V
		AFN 110bhp	1. Radiator water heating x 1	1896	4	08/98	▶		LP022		11V
		AFN 110bhp	1. Radiator water heating x 3	1896	4	08/98	▶		LP046		11V
		AGR 90bhp		1896	4	10/99	▶		LP027		11V
		AGR 90bhp	1. Radiator water heating x 1	1896	4	10/99	▶		LP022		11V
		AGR 90bhp	1. Radiator water heating x 3	1896	4	10/99	▶		LP046		11V
		AHU 90bhp		1896	4	08/96	▶		LP027		11V
		AHU 90bhp	1. Radiator water heating x 1	1896	4	08/96	▶		LP022		11V
		AHU 90bhp	1. Radiator water heating x 3	1896	4	08/96	▶		LP046		11V
		ALE 90bhp		1896	4	11/97	▶		LP027		11V
		ALE 90bhp	1. Radiator water heating x 1	1896	4	11/97	▶		LP022		11V
		ALE 90bhp	1. Radiator water heating x 3	1896	4	11/97	▶		LP046		11V
		ALH 90bhp		1896	4	10/99	▶		LP027		11V
		ALH 90bhp	1. Radiator water heating x 1	1896	4	10/99	▶		LP022		11V
		ALH 90bhp	1. Radiator water heating x 3	1896	4	10/99	▶		LP046		11V
		ASV 110 bhp		1896	4	10/99	▶		LP027		11V
		ASV 110 bhp	1. Radiator water heating x 1	1896	4	10/99	▶		LP022		11V
		ASV 110 bhp	1. Radiator water heating x 3	1896	4	10/99	▶		LP046		11V

POLO II (86C)

1.3 Diesel		MN 45bhp		1272	4	1986	▶	08/90	LP022		11V
1.4 Diesel		1W 48bhp		1398	4	09/90	▶	07/94	LP022		11V

POLO III (6N1)

1.7 SDi Diesel		AHG 57bhp		1714	4	04/97	▶		LP027		11V
		AHG 57bhp	1. Radiator water heating x 1	1714	4	04/97	▶		LP022		11V
		AHG 57bhp	1. Radiator water heating x 3	1714	4	04/97	▶		LP046		11V
		AKU 60bhp		1714	4	08/97	▶		LP027		11V
		AKU 60bhp	1. Radiator water heating x 1	1714	4	08/97	▶		LP022		11V
		AKU 60bhp	1. Radiator water heating x 3	1714	4	08/97	▶		LP046		11V
1.9 Diesel		AEF 64bhp		1896	4	10/94	▶		LP022		11V
		AEY 64bhp		1896	4	1993	▶		LP022		11V
1.9 SDi Diesel		AGD 64bhp		1896	4	07/96	▶		LP027		11V
		AGD 64bhp	1. Radiator water heating x 1	1896	4	07/96	▶		LP022		11V
		AGD 64bhp	1. Radiator water heating x 3	1896	4	07/96	▶		LP046		11V



VOLKSWAGEN (continued)

POLO III (6N1) (continued)

1.9 TDi Turbo Diesel	AHU 90bhp		1896	4	05/97	▶		LP027		11V
	AHU 90bhp	1. Radiator water heating x 1	1896	4	05/97	▶		LP022		11V
	AHU 90bhp	1. Radiator water heating x 3	1896	4	05/97	▶		LP046		11V

POLO IV (6N2)

1.4 TDi Turbo diesel	AMF 75bhp PD		1422	3	10/99	▶		LP027		11V
	AMF 75bhp PD		1422	3	10/01	▶		LP096		12V
	BAY 75bhp		1422	3	10/01	▶		LP096		12V

1.7 SDi Diesel	AHG 57bhp		1714	4	1999	▶		LP027		11V
	AHG 57bhp	1. Radiator water heating x 1	1714	4	1999	▶		LP022		11V
	AHG 57bhp	1. Radiator water heating x 3	1714	4	1999	▶		LP046		11V
	AKU 60bhp		1714	4	1999	▶	09/01	LP027		11V
	AKU 60bhp	1. Radiator water heating x 1	1714	4	1999	▶	09/01	LP022		11V
	AKU 60bhp	1. Radiator water heating x 3	1714	4	1999	▶	09/01	LP046		11V
	AKU 60bhp		1714	4	10/01	▶		LP096		12V

1.9 Diesel	AEF 64bhp		1896	4	10/99	▶		LP022		11V
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1.9 SDi Diesel	AGD 64bhp		1896	4	1999	▶		LP027		11V
	AGD 64bhp	1. Radiator water heating x 1	1896	4	1999	▶		LP022		11V
	AGD 64bhp	1. Radiator water heating x 3	1896	4	1999	▶		LP046		11V
	ASX 64bhp		1896	4	1999	▶		LP027		11V
	ASX 64bhp	1. Radiator water heating x 1	1896	4	1999	▶		LP022		11V
	ASX 64bhp	1. Radiator water heating x 3	1896	4	1999	▶		LP046		11V
	ASY 64bhp		1896	4	10/01	▶		LP096		12V

1.9 TDi Turbo Diesel	ADT 101bhp PD		1896	4	10/01	▶		LP096		12V
	AHU 90bhp		1896	4	1999	▶		LP027		11V
	AHU 90bhp	1. Radiator water heating x 1	1896	4	1999	▶		LP022		11V
	AHU 90bhp	1. Radiator water heating x 3	1896	4	1999	▶		LP046		11V

POLO V (9N)

1.4 TDi Turbo diesel	BNM 70bhp		1422	3	04/05	▶		LP096	◇	11V
	BMS/BNV 80bhp		1422	3	04/05	▶		LP096	◇	11V

1.9 TDi Turbo Diesel	ATD 101bhp PD		1896	4	11/03	▶		LP087		5V
	AXR 101bhp PD		1896	4	11/03	▶		LP087		5V

POLO VARIANT (6KV5)

1.7 SDi Diesel	AKW 60bhp		1716	4	11/97	▶		LP027		11V
	AKW 60bhp	1. Radiator water heating x 1	1716	4	11/97	▶		LP022		11V
	AKW 60bhp	1. Radiator water heating x 3	1716	4	11/97	▶		LP046		11V

1.9 TDi Turbo Diesel	AFN 110bhp		1896	4	08/98	▶		LP027		11V
	AFN 110bhp	1. Radiator water heating x 1	1896	4	08/98	▶		LP022		11V
	AFN 110bhp	1. Radiator water heating x 3	1896	4	08/98	▶		LP046		11V
	AGR 90bhp		1896	4	10/99	▶		LP027		11V
	AGR 90bhp	1. Radiator water heating x 1	1896	4	10/99	▶		LP022		11V
	AGR 90bhp	1. Radiator water heating x 3	1896	4	10/99	▶		LP046		11V
	AHU 90bhp		1896	4	08/96	▶		LP027		11V
	AHU 90bhp	1. Radiator water heating x 1	1896	4	08/96	▶		LP022		11V
	AHU 90bhp	1. Radiator water heating x 3	1896	4	08/96	▶		LP046		11V
	ALE 90bhp		1896	4	11/97	▶		LP027		11V
	ALE 90bhp	1. Radiator water heating x 1	1896	4	11/97	▶		LP022		11V
	ALE 90bhp	1. Radiator water heating x 3	1896	4	11/97	▶		LP046		11V
	ALH 90bhp		1896	4	10/99	▶		LP027		11V
	ALH 90bhp	1. Radiator water heating x 1	1896	4	10/99	▶		LP022		11V
	ALH 90bhp	1. Radiator water heating x 3	1896	4	10/99	▶		LP046		11V
	ASV 110 bhp		1896	4	10/99	▶		LP027		11V
	ASV 110 bhp	1. Radiator water heating x 1	1896	4	10/99	▶		LP022		11V
	ASV 110 bhp	1. Radiator water heating x 3	1896	4	10/99	▶		LP046		11V

SANTANA

1.6 Diesel	JK 54bhp		1588	4	1981	▶	12/84	LP022		11V
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1.6 Turbo Diesel	CY 70bhp		1588	4	1981	▶	12/84	LP022		11V
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SHARAN MPV

1.9 TDi Turbo Diesel	1Z 90bhp		1896	4	04/95	▶		LP027		11V
	1Z 90bhp	1. Radiator water heating x 1	1896	4	04/95	▶		LP022		11V
	1Z 90bhp	1. Radiator water heating x 3	1896	4	04/95	▶		LP046		11V
	AFN 110bhp		1896	4	04/95	▶		LP027		11V
	AFN 110bhp	1. Radiator water heating x 1	1896	4	04/95	▶		LP022		11V
	AFN 110bhp	1. Radiator water heating x 3	1896	4	04/95	▶		LP046		11V
	AHU 90bhp		1896	4	04/95	▶		LP027		11V
	AHU 90bhp	1. Radiator water heating x 1	1896	4	04/95	▶		LP022		11V
	AHU 90bhp	1. Radiator water heating x 3	1896	4	04/95	▶		LP046		11V
	ANU 90bhp PD		1896	4	03/00	▶		LP096		12V



VOLKSWAGEN (continued)

SHARAN MPV (continued)

1.9 TDi Turbo Diesel (continued)		AVG 110bhp		1896	4	1996	▶		LP027		11V
		AVG 110bhp	1. Radiator water heating x 1	1896	4	1996	▶		LP022		11V
		AVG 110bhp	1. Radiator water heating x 3	1896	4	1996	▶		LP046		11V
		ASZ 130bhp PD		1896	4	11/02	▶		LP096		12V
		AUY 115bhp PD		1896	4	2000	▶	10/01	LP027		11V
		AUY 115bhp PD	1. Radiator water heating x 1	1896	4	2000	▶	10/01	LP022		11V
		AUY 115bhp PD	1. Radiator water heating x 3	1896	4	2000	▶	10/01	LP046		11V
		AUY 115bhp PD		1896	4	11/01	▶		LP096		12V
		BTB 150bhp		1896	4	06/05	▶		LP096	◇	11V
2.0 TDi Turbo Diesel		BRT 140bhp		1968	4	11/05	▶		LP087	◇	5V

TARO PICK-UP 2. Warning - care should be taken in selecting the correct voltage

2.4 Diesel		2L 83bhp (Toyota)		2446	4	01/89	▶	01/91	LP081		11V
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TOUAREG

2.5 TDi Turbo Diesel R5		BAC 174bhp		2460	5	01/03	▶		LP096		12V
3.0 TDi Turbo Diesel		BKS 224bhp		2967	V6	11/04	▶		LP092	◇	4.4V
5.0 TDi Turbo Diesel	20V	AYH 312bhp		4921	V10	10/02	▶		LP096		12V

TOURAN

1.9 TDi Turbo Diesel		BKC 105bhp		1896	4	08/03	▶		LP087		5V
		AVQ 101bhp		1896	4	02/03	▶		LP087		5V
		BRU 90bhp from chassis nr 705251 ->		1896	4	11/04	▶		LP087	◇	5V
2.0 TDi Turbo Diesel		BMM 140bhp		1968	4	02/03	▶		LP087	◇	5V
		BNM170bhp		1968	4	12/05	▶		LP088	◇	4.4V
		AZV 136bhp		1968	4	02/03	▶		LP088		4.4V
		BKD 140bhp		1968	4	08/03	▶		LP088		4.4V

TRANSPORTER

1.6 Diesel		CS 50bhp		1588	4	1981	▶		LP022		11V
1.6 Turbo Diesel		JX 70bhp		1588	4	1981	▶		LP022		11V
1.7 Diesel		KY 57bhp		1715	4	1986	▶		LP022		11V

TRANSPORTER T4

1.9 Diesel		1X 60bhp		1896	4	09/90	▶	12/95	LP022		11V
1.9 Turbo Diesel		ABL 68bhp		1896	4	10/92	▶		LP022		11V
2.4 Diesel	10V	AJA 75bhp		2382	5	05/97	▶		LP022		11V
	10V	AAB 78bhp		2370	5	09/90	▶		LP022		11V
2.5 TDi Turbo Diesel	10V	AJT 88bhp		2461	5	05/98	▶	04/98	LP056		11V
	10V	ACV 102bhp		2460	5	08/95	▶		LP027		11V
	10V	AUF 102bhp		2460	5	08/95	▶		LP027		11V
	10V	AHY 151bhp		2459	5	05/98	▶		LP056		11V

TRANSPORTER V

1.9 TDi Turbo Diesel		AXC 85bhp		1896	4	04/03	▶		LP096		12V
		AXB 105bhp		1896	4	04/03	▶		LP096		12V
		BRS 102bhp		1896	4	06/06	▶		LP087	◇	5V
2.5 TDi Turbo Diesel		AXD 130bhp		2460	5	04/03	▶		LP096		12V
		AXE 174bhp		2460	5	04/03	▶		LP096		12V

VENTO

1.9 Diesel		1Y 64bhp		1896	4	11/91	▶		LP022		11V
1.9 SDi Diesel		AEY 64bhp		1896	4	01/95	▶		LP027		11V
1.9 TDi Turbo Diesel		AFN 110bhp		1896	4	10/93	▶		LP027		11V
		AFN 110bhp	1. Radiator water heating x 1	1896	4	10/93	▶		LP022		11V
		AFN 110bhp	1. Radiator water heating x 3	1896	4	10/93	▶		LP046		11V
		AHU 90bhp		1896	4	10/93	▶		LP027		11V
		AHU 90bhp	1. Radiator water heating x 1	1896	4	10/93	▶		LP022		11V
		AHU 90bhp	1. Radiator water heating x 3	1896	4	10/93	▶		LP046		11V
		ALE 90bhp		1896	4	10/93	▶		LP027		11V
		ALE 90bhp	1. Radiator water heating x 1	1896	4	10/93	▶		LP022		11V
		ALE 90bhp	1. Radiator water heating x 3	1896	4	10/93	▶		LP046		11V
		1Z 90bhp		1896	4	07/93	▶		LP027		11V
		1Z 90bhp	1. Radiator water heating x 1	1896	4	07/93	▶		LP022		11V
	1Z 90bhp	1. Radiator water heating x 3	1896	4	07/93	▶		LP046		11V	
1.9 Turbo Diesel		AAZ 75bhp		1896	4	11/91	▶		LP022		11V



VOLVO										
360										
1.6 Diesel		D16	1595	4	09/84	▶		LP064		11V
440										
1.9 Turbo Diesel		F8Q Renault	1896	4	01/94	▶		LP026		11V
460										
1.9 Turbo Diesel		F8Q Renault	1896	4	1/94	▶		LP026		11V
740										
2.4 Diesel		D24	2383	6	04/84	▶	07/92	LP022		11V
2.4 Turbo Diesel		D24T	2383	6	04/87	▶	07/92	LP022		11V
		D24TIC intercooler	2383	6	04/87	▶	07/92	LP022		11V
760										
2.4 Diesel		D24	2383	6	08/82	▶	07/87	LP022		11V
2.4 Turbo Diesel		D24TIC Intercooler	2383	6	08/87	▶	07/92	LP022		11V
		D24T	2383	6	08/87	▶	07/92	LP022		11V
780										
2.4 Turbo Diesel		D24TIC Intercooler	2383	6	08/85	▶	07/91	LP022		11V
850										
2.5 TDi Turbo Diesel		D5252T	2460	5	05/96	▶		LP027		11V
		D5252T 1. Radiator water heating	2460	5	05/96	▶		LP046		11V
940										
2.4 Diesel		D24	2383	6	09/90	▶		LP022		11V
2.4 Turbo Diesel		D24T	2383	6	09/90	▶		LP022		11V
		D24TIC Intercooler	2383	6	09/90	▶		LP022		11V
960										
2.4 Turbo Diesel		D24TIC Intercooler	2383	6	09/91	▶		LP022		11V
		D24T	2383	6	09/91	▶		LP022		11V
240 SERIES										
2.0 Diesel		D20	1986	4	1979	▶	09/81	LP022		11V
2.4 Diesel		D24	2383	6	1979	▶	08/93	LP022		11V
340 SERIES										
1.6 Diesel		D16, F8M	1595	4	09/84	▶		LP064		11V
S40										
1.9 Di Diesel		D4192T2 (Renault)	1870	4	03/99	▶	07/00	LP066		11V
1.9 Turbo Diesel	8V	D4192T, F8Q (Renault)	1870	4	05/96	▶		LP026		11V
S40 II										
1.6 Diesel			1560	4	01/05	▶		LP080	◇	11V
2.0 Diesel		D4204T	1998	4	01/04	▶		LP109	◆	11V
S60										
2.4 Diesel		D5244T2	2401	5	12/01	▶		LP095	◇	11V
2.4 Diesel D5		D5244T	2401	5	07/01	▶		LP095		11V
S70										
1.9 Turbo Diesel		D4192T, F8Q (Renault)	1870	4	01/96	▶		LP026		11V
2.5 TDi Turbo Diesel		D5252T	2460	5	04/97	▶		LP027		11V
		D5252T 1. Radiator water heating	2460	5	04/97	▶		LP046		11V
S80										
2.4 Diesel		D5244	2401	5	10/01	▶		LP095		11V
2.4 Diesel D5		D5244T	2401	5	08/01	▶		LP095		11V
2.5 TDi Turbo Diesel		D5252T	2460	5	01/99	▶		LP027		11V
V40										
1.9 Di Diesel		D4192T2 (Renault)	1870	4	03/99	▶	07/00	LP066		11V
1.9 Turbo Diesel		D4192T, F8Q (Renault)	1870	4	01/96	▶		LP026		11V
V50										
1.6 Diesel			1560	4	01/05	▶		LP080	◇	11V
2.0 Diesel		D4204T	1998	4	04/04	▶		LP109	◆	11V
V70										
2.4 Diesel			2401	5	12/01	▶		LP095		11V
2.4 Diesel D5		D 5244 T	2401	5	08/01	▶		LP095		11V
2.5 TDi Turbo Diesel		D5252T	2460	5	01/97	▶		LP027		11V
		D5252T 1. Radiator water heating	2460	5	01/97	▶		LP046		11V
XC70										
2.4 Diesel D5		D5244T	2401	5	09/02	▶		LP095	◇	11V
XC90										
2.4 Diesel D5			2401	5	10/02	▶		LP095		11V



LP001

ALFA	6	2.5 Turbo Diesel	VM 588 HT/HR	07/81	05/86
	33	1.8 Turbo Diesel	VM82A, VM96A, HR392HT	01/86	10/94
	75	2.0 Turbo Diesel	VM 80A, VM488	1985	02/92
	75	2.4 Turbo Diesel	VM 81A	1988	02/92
	90	2.4 Turbo Diesel	VM 81A, VM 492 HT	10/84	07/87
	164	2.5 Turbo Diesel	VM 84A	1987	09/92
	ALFETTA	2.0 Turbo Diesel	VM 4HT/2	1979	03/83
	ALFETTA	2.4 Turbo Diesel	VM 4HT, VM 81A	1983	12/84
	GIULIETTA	2.0 Turbo Diesel	VM4HT2	1983	12/85
FIAT	DAILY	2.4 Diesel	8144.21	1979	12/82
	DUCATO	2.4 Diesel	8144.21	1985	06/90
	FIORINO	1.7 Diesel	149B2.000	01/88	
	FIORINO	1.7 Diesel	149B3.000	12/87	12/90
LANDROVER	110/DEFENDER	2.5 Diesel	12J	1989	
	110/DEFENDER	2.5 Turbo Diesel		1989	
	130/DEFENDER	2.5 Diesel	12J	1989	
	90/DEFENDER	2.5 Diesel	12J	1989	
	COUNTY	2.5 Diesel	12J	1989	
	RANGE ROVER	2.4 Turbo Diesel	VM 492HT	1986	10/89
LEYLAND-DAF / LDV	SHERPA	1.8 Diesel	9731	1974	
ROVER GROUP	825	2.5 Turbo Diesel	HR 924	1990	
	SD1	2.4 Diesel	VM HR 492	1982	
SEAT	IBIZA	1.7 Diesel	022A5000	09/87	05/93
	MALAGA	1.7 Diesel	138A5000 (Fiat)	05/85	08/87
	RITMO	1.7 Diesel	138A5000 (Fiat)	1980	
	RONDA	1.7 Diesel	138A5000 (Fiat)	1980	
VOLKSWAGEN	LT	2.7 Diesel	CG 65bhp, 4.165 Perkins	1976	

LP002

ISUZU	ASKA	2.0 Diesel	4FC1	12/84		
	ELF 200	2.0 Diesel	C190 incl. 4x4	1981		
	ELF 250	2.4 Diesel	C240	1980		
	FASTER	2.2 Diesel	C223	04/85	08/96	
	FLORIAN	2.0 Diesel	C190	1977	03/83	
	GEMINI	1.5 Diesel	4EC1	07/85	11/88	
	I-MARK	1.5 Diesel	4EC1	07/85	11/88	
	KB PICK-UP	2.0 Diesel	C190	1981		
	KB PICK-UP	2.2 Diesel	C223	04/86	08/87	
	RODEO	2.0 Diesel	C190	1978		
	TROOPER	2.2 Diesel	C223	1984	07/87	
	TROOPER	2.2 Turbo Diesel	C223T	02/81	07/87	
	TROOPER	2.8 Diesel	4JB1	01/88	12/91	
	TROOPER	2.8 Turbo Diesel	4JB1T	01/88	12/91	
	OPEL	CORSA A	1.5 Diesel	4EC1 (Isuzu) to eng no 804794	09/87	02/93
		FRONTERA	2.8 Turbo Diesel	4JB1T (Isuzu)	04/95	
KADETT E		1.5 Diesel	4EC1 (Isuzu) to eng no 804794	09/87	02/93	
VAUXHALL	BRAVA PICK-UP	2.2 Diesel	C223D	1988		
	BRAVA PICK-UP	2.5 Diesel	4JA1 (Isuzu)	02/90		
	BRAVA PICK-UP	2.5 Turbo Diesel	4JA1T (Isuzu)	02/90		
	FRONTERA	2.8 TDi Turbo Diesel	4JB1T (Isuzu)	04/95		
	KB PICK-UP	2.0 Diesel	C190	1981		
	MIDI	2.2 Diesel	4FD1 (Isuzu)	1988		
	NOVA	1.5 Diesel	4EC1 (Isuzu) to eng no 804794	09/87	02/93	

LP003

ISUZU	GEMINI	1.5 Turbo Diesel	4EC1T	01/88	11/88
	I-MARK	1.5 Turbo Diesel	4EC1T	01/88	11/88
	MIDI	2.0 Turbo Diesel	4ZC1T	01/86	
	MIDI	2.2 Diesel	4FD1	01/86	
	MIDI	2.4 Diesel	4FG1	01/94	
OPEL	CORSA A	1.5 Turbo Diesel	4EC1T (Isuzu) to eng no 804794	03/88	02/93
	KADETT E	1.5 Turbo Diesel	4EC1T (Isuzu)	09/88	08/91
	KADETT E	1.7 Turbo Diesel	4EE1T Isuzu to eng no 817252	02/90	08/91
	MIDI	2.0 Turbo Diesel	20D	02/86	08/94
	MIDI	2.2 Diesel	22D	02/86	08/94
VAUXHALL	ASTRA MKIII	1.7 Turbo Diesel	4EE1T (Isuzu) to eng no 731416	04/92	02/98
	CAVALIER FWD	1.7 Turbo Diesel	4EE1T (Isuzu) to eng no 731416	04/92	08/95
	MIDI	2.0 Turbo Diesel	4FC1T (Isuzu)	03/88	
	MIDI	2.2 Diesel	EURO	1989	
	NOVA	1.5 Turbo Diesel	4EC1T (Isuzu) to eng no 804794	03/88	02/93

LP004

FIAT	CROMA	1.9 Turbo Diesel	154D	03/88	
	CROMA	1.9 Turbo Diesel	154C	03/88	
	CROMA	1.9 Turbo Diesel	154B	03/88	



LP005

ALFA	146	1.9 Turbo Diesel	AR33601	11/96	05/98
	155	1.9 Turbo Diesel	AR33601	05/96	10/97
CITROEN	AX	1.4 Diesel	TUD3	09/88	06/92
	ZX	1.4 Diesel	TUD3	1996	
FIAT	DAILY	2.5 Turbo Diesel	8140.47 Sofim	03/94	
	DUCATO	2.5 Turbo Diesel	8140.47 Sofim	03/94	
FORD	COURIER	1.8 Diesel	18D	03/93	
	COURIER	1.8 Turbo Diesel	18D	03/93	
	ESCORT MK3	1.6 Diesel	LTA	1984	
	ESCORT MK4	1.8 Diesel	18D	1988	
	ESCORT MK5	1.8 Turbo Diesel	18DT	02/94	
	ESCORT VAN MK4	1.6 Diesel		1986	
	ESCORT VAN MK4	1.8 Diesel	18D	1988	
	ESCORT VAN MK5	1.8 Diesel	18D	1988	08/96
	ESCORT VAN MK5	1.8 Turbo Diesel	18DT	02/94	08/96
	FIESTA 2	1.6 Diesel	D16	1984	1989
	FIESTA 3	1.8 Diesel	D18NA	1989	12/95
	FIESTA 3	1.8 Turbo Diesel	D18T	1988	12/95
	FIESTA VAN	1.6 Diesel	16D	1984	
	FIESTA VAN	1.8 Diesel	D18NA	1989	
	FIESTA VAN	1.8 Turbo Diesel	18DT	02/94	08/96
	MONDEO MKI	1.8 Turbo Diesel	18DT	06/93	08/96
	ORION	1.6 Diesel	16D	1984	01/89
	ORION	1.8 Diesel	18D	1988	
	ORION	1.8 Turbo Diesel	18DT	01/94	12/93
	P100 PICK-UP	1.8 Turbo Diesel	18DT	09/89	01/94
	SIERRA INCL. SAPPHIRE	1.8 Turbo Diesel	18DT	1988	02/93
	TRANSIT 115/120	2.4 Diesel	YORK	1978	
	TRANSIT 125	2.4 Diesel	YORK	1978	
TRANSIT 130	2.4 Diesel	YORK	1978		
TRANSIT 160	2.4 Diesel	YORK	1978		
TRANSIT 175/190	2.4 Diesel	YORK	1978		
TRANSIT 80/100	2.4 Diesel	YORK	1978		
OPEL	ARENA	2.5 Diesel	S8U (Renault)	03/98	08/01
	MOVANO	2.5 Diesel	S8U (Renault)	07/98	09/00
PEUGEOT	106	1.4 Diesel	TUD3	09/92	
RENAULT	MASTER	2.5 Diesel	S8V-748	05/85	
ROVER GROUP	114	1.4 Diesel	TUD3 (Peugeot)	01/92	
	METRO	1.4 Diesel	TUD3 (Peugeot)	1992	
VAUXHALL	ARENA	2.5 Diesel	S8U (Renault)	03/98	
	MOVANO	2.5 Diesel	S8U (Renault)	2000	
	MOVANO	2.5 Diesel	S8U (Renault)	2000	

LP006

MERCEDES	207D	2.4 Diesel	OM616	05/77	08/82
	307D	2.4 Diesel	OM616	05/77	08/82
	407D	2.4 Diesel	OM616	05/77	08/82
	UNIMOG	1.8 Diesel	OM636.914	1966	
	UNIMOG	2.0 Diesel	OM621	1966	
	UNIMOG	2.5 Diesel	OM616.915	1970	

LP007

LANDROVER	88	2.3 Diesel Series IIA & III	10J	1972	
	109	2.3 Diesel Series IIA & III	10J	1972	

LP008

DAIHATSU	CHARADE	1.0 Diesel	CL10	1983	03/87
	CHARADE	1.0 Turbo Diesel	CL10T, CL61	1983	03/87
	FOURTRAK	2.8 Diesel	DL	04/84	
	FOURTRAK	2.8 Turbo Diesel	DL50	04/84	
	ROCKY	2.8 Diesel	DL	04/84	
	ROCKY	2.8 Turbo Diesel	DL50	04/84	
TOYOTA	CAMRY	1.8 Turbo Diesel	1CT, 1CTL	08/83	12/85
	CAMRY	2.0 Turbo Diesel	2CT, 2CTL	1987	08/88
	CARINA FWD	1.8 Diesel	1C	04/82	09/83
	CARINA FWD	2.0 Diesel	2C	10/83	11/87
	CARINA RWD	1.8 Diesel	1C	04/82	09/83
	COROLLA FWD	1.8 Diesel	1CL	05/83	04/87
	COROLLA FWD	1.8 Diesel	1C	05/83	04/87
	CORONA	2.0 Diesel	2C,2CL	10/83	11/87
	LITE-ACE	1.8 Diesel	1C	10/82	08/88
	MODEL F	2.0 Diesel	2C	05/83	02/87



LP009					
DAIHATSU	CHARADE	1.0 Diesel	CL10	04/87	12/92
	CHARADE	1.0 Turbo Diesel	CL10T, CL61	04/87	12/92
TOYOTA	AVENSIS	2.0 Turbo Diesel	2CTE	10/97	2003
	CAMRY	2.0 Turbo Diesel	2CT, 2CTL	09/88	
	CARINA E	2.0 Diesel	2C	02/92	
	CARINA E	2.0 Turbo Diesel	2CT	01/96	
	CARINA FWD	2.0 Diesel	2C	12/87	
	COROLLA FWD	1.8 Diesel	1C	05/87	04/92
	LANDCRUISER	3.4 Diesel	3B	01/90	12/96
	LITE-ACE	2.0 Diesel	2C	08/88	01/92

LP010					
MITSUBISHI	COLT	1.8 Diesel	4D65	1983	1990
	GALANT	1.8 Diesel	4D65	1984	
	GALANT	1.8 Turbo Diesel	4D65T	1984	
	GALANT	2.3 Turbo Diesel	4D55T	1980	
	L200 PICKUP	2.3 Diesel	4D55	04/83	10/86
	L200 PICKUP	2.5 Diesel	4D56	11/86	1993
	L200 PICKUP	2.5 Turbo Diesel	4D56T	11/92	10/93
	L300 VAN	2.3 Diesel	4D55	04/83	10/86
	L300 VAN	2.5 Diesel	4D56	11/86	
	LANCER	1.8 Diesel	4D65	1984	
	MONTERO	2.5 Turbo Diesel	4D56T	05/86	
	PAJERO	2.3 Turbo Diesel	4D55T	12/80	04/86
	PAJERO	2.5 Diesel	4D56	05/86	06/93
	PAJERO	2.5 Turbo Diesel	4D56T	05/86	06/93
	SHOGUN	2.3 Turbo Diesel	4D55T	1984	
	SHOGUN	2.5 Turbo Diesel	4D56T	1986	
	SPACE WAGON	1.8 Turbo Diesel	4D65T	1985	09/89

LP011					
NISSAN	BLUEBIRD FWD	2.0 Diesel	LD20	1986	
	BLUEBIRD FWD	2.0 Turbo Diesel	LD20T	1986	
	BLUEBIRD RWD	2.0 Turbo Diesel	LD20T	05/82	05/84
	SKYLINE	2.0 Diesel	LD20	10/81	
	SKYLINE	2.8 Diesel	LD28	08/81	
	VANETTE	2.0 Diesel	LD20	1982	

LP012					
NISSAN	BLUEBIRD RWD	2.0 Diesel	LD20	01/80	05/84
	CABSTAR	2.5 Diesel	SD25	01/82	
	D21 PICK-UP	2.5 Diesel	SD25	03/86	08/87
	LAUREL	2.0 Diesel	LD20	1980	
	LAUREL	2.8 Diesel	LD28	1981	
	PATROL	3.2 Diesel	SD33	1982	
	PATROL	3.2 Turbo Diesel	SD33T	1982	

LP013					
HYUNDAI	GALLOPER	2.5 Turbo Diesel		07/94	
	H1	2.5 Turbo Diesel	D4BF/D4BH	03/00	
	H100	2.5 Turbo Diesel	D4BF	07/93	03/00
	H100	2.5 Turbo Diesel		07/94	
	STAREX	2.5 Turbo Diesel	D4BF, D4BH	07/94	
LONDON TAXIS INT	FAIRWAY	2.7 Turbo Diesel	TD27	1986	
NISSAN	CABSTAR	2.3 Diesel	TD23	1987	
	CABSTAR	2.5 Turbo Diesel	TD25	1987	
	CABSTAR	2.7 Diesel	TD27	1987	
	D21 PICK-UP	2.5 Turbo Diesel	TD25	09/87	
	D21 PICK-UP	2.7 Turbo Diesel	TD27	1993	
	PATHFINDER	2.5 Turbo Diesel	TD25	1993	
	PATHFINDER	2.7 Turbo Diesel	TD27	1988	
	PATROL	4.2 Turbo Diesel	TD42	1985	
	TERRANO	2.7 Turbo Diesel	TD27	1986	01/93
	URVAN	2.3 Turbo Diesel	TD23	1987	
	URVAN	2.5 Turbo Diesel	TD25	12/88	
URVAN	2.7 Turbo Diesel	TD27	1988		

LP014					
NISSAN	CABSTAR	2.3 Diesel	SD23	12/81	
	CABSTAR	2.5 Diesel	SD25	1985	
	PATROL	3.2 Diesel	SD33	1982	
	PATROL	3.2 Turbo Diesel	SD33T	1982	
	URVAN	2.3 Diesel	SD23	04/85	11/88



LP015

TOYOTA	4-RUNNER	2.4 Diesel	2LT	1983	
	CORONA	2.2 Diesel	L	08/82	
	CRESSIDA	2.2 Diesel	L	08/82	
	CRESSIDA	2.5 Diesel	2L	08/84	07/88
	CROWN	2.4 Diesel	2L	08/83	07/89
	HI-ACE	2.2 Diesel	L	1979	10/82
	HI-ACE	2.2 Diesel	L	10/82	
	HI-ACE	2.4 Diesel	2L	1984	
	HI-LUX	2.2 Diesel	L	08/80	07/81
	HI-LUX	2.2 Diesel	L	08/81	07/83
	HI-LUX	2.4 Diesel	2L	1983	
	LANDCRUISER	2.4 Diesel	2L	11/84	10/85
	LANDCRUISER	2.4 Turbo Diesel	2LT	11/84	10/85
	PICK-UP	2.2 Diesel	L	1982	07/85
	STARLET FWD	1.5 Diesel	1N	12/86	11/89
	TOYO-ACE	2.2 Diesel	L	04/80	08/83

LP016

DAIHATSU	DELTA TRUCK	2.5 Diesel	DG	02/83	
	DELTA TRUCK	2.8 Diesel	DL	10/82	
	FOURTRAK	2.8 Diesel	DL	10/82	
	FOURTRAK	2.8 Diesel	DL40	10/82	
	ROCKY	2.8 Diesel	DL40	10/82	
	TAFT	2.5 Diesel	DG	08/78	03/84
	TOYOTA	LANDCRUISER	3.4 Diesel	B, 3B	08/80

LP017

DAIHATSU	DELTA TRUCK	3.4 Diesel	3B	02/83	
TOYOTA	DYNA PICK-UP	2.5 Diesel	2J	1973	12/80
	DYNA PICK-UP	3.0 Diesel	B	1975	
	LANDCRUISER	3.4 Diesel	B, 3B	11/84	08/88
	LANDCRUISER	3.4 Diesel	3B	11/84	08/88
	LANDCRUISER	4.0 Diesel	2H	08/80	07/88
	LANDCRUISER	4.0 Turbo Diesel	2H	08/80	07/88
	LANDCRUISER	4.0 Turbo Diesel	12HT	08/87	12/89

LP018

DAIHATSU	DELTA TRUCK	3.0 Diesel	B	02/83	
	DELTA TRUCK	3.4 Diesel	3B	02/83	
TOYOTA	COROLLA FWD	1.8 Diesel	1CL	05/83	12/86
	CORONA	1.8 Diesel	1C	01/82	12/83
	DYNA PICK-UP	3.7 Diesel	14B	1993	
	HI-ACE	3.0 Diesel	B	1993	
	HI-ACE	3.7 Diesel	14B	1993	
	LANDCRUISER	3.4 Diesel	3B	08/80	
	LANDCRUISER	3.4 Turbo Diesel	3B	08/80	
	LANDCRUISER	4.0 Diesel	2H	08/80	08/87
	LANDCRUISER	4.0 Turbo Diesel	2H	08/80	8/87
	MODEL F	2.0 Diesel	2C	05/83	08/85

LP019

TOYOTA	LANDCRUISER	3.4 Diesel	3B	08/88	12/89
	LANDCRUISER	4.2 Diesel	1H-Z	01/90	08/99
	LANDCRUISER	4.2 Turbo Diesel	1HDT	1/90	12/97

LP020

MERCEDES	309	3.0 Diesel	OM617	04/82	09/88
	409	3.0 Diesel	OM617	04/82	09/88
	190 (201)	2.0 Diesel	OM601	03/83	01/89
	190 (201)	2.5 Diesel	OM602	04/85	01/89
	190 (201)	2.5 Turbo Diesel	OM602A	04/85	01/89
	200 (123)	200 D	OM615	08/80	11/85
	200 (124)	200 D	OM601.912	12/84	01/89
	200 (124)	200 Turbo Diesel	OM601	12/84	01/89
	207D	2.4 Diesel	OM616	09/82	09/88
	209D	3.0 Diesel	OM617.913	04/82	09/88
	240 (123)	240 Diesel	OM616.912	08/80	11/85
	240 (123)	240 Turbo Diesel	OM616	08/80	11/85
	250 (124)	250 Diesel	OM602.912	4/85	01/89
	250 (124)	250 Turbo Diesel	OM602A	4/85	01/89
	300 (123)	300 Diesel	OM617.912	08/80	11/85
	300 (123)	300 Diesel	OM617 910	08/80	11/85
	300 (123)	300 Turbo Diesel	OM617	08/80	11/85
	300 (124)	300 Diesel	OM603	12/84	01/89
	300 (124)	300 Turbo Diesel	OM603	12/84	01/89
	307D	2.4 Diesel	OM616	09/82	09/88
	407D	2.4 Diesel	OM616	09/82	09/88
	507D	2.4 Diesel	OM616	04/82	09/88



LP020 (continued)

MERCEDES (continued)

G-CLASS (460)	240 Diesel	OM616.936	08/80	08/87
G-CLASS (460)	250 Diesel	OM602.930	09/87	01/89
G-CLASS (460)	300 Diesel	OM603.912	08/80	01/89
MB100	2.4 Diesel	OM616.963	09/87	01/89
UNIMOG	2.4 Diesel	OM616.912	01/88	

LP021

DAEWOO (SSANGYONG)

KORANDO	2.3 Diesel	OM601	1997	
KORANDO	2.9 Diesel	OM602 (Mercedes)	01/99	
KORANDO	2.9 TDi Turbo Diesel	OM602 (Mercedes)	01/99	
MUSSO	2.3 Diesel	OM601 (Mercedes)	07/93	
MUSSO	2.9 TDi Turbo Diesel	OM602 (Mercedes)	07/93	
REXTON	2.9 TDi Turbo Diesel		02/08	

MERCEDES

408	2.3 Diesel	OM601	10/88	03/95
108D VITO	2.3 Diesel	OM601	02/96	
110D VITO	2.3 Diesel	OM601	02/96	
190 (201)	2.0 Diesel	OM601	02/89	05/93
190 (201)	2.5 Diesel	OM602	02/89	05/93
190 (201)	2.5 Turbo Diesel	OM602A	02/89	05/93
200 (124)	200 D	OM601.912	02/89	06/93
200 (124)	200 Turbo Diesel	OM601	02/89	06/93
208D	2.3 Diesel	OM601	10/88	03/95
210D	2.9 Diesel	OM602	10/88	
250 (124)	250 Diesel	OM602.912	2/89	06/93
250 (124)	250 Turbo Diesel	OM602A	2/89	06/93
300 (124)	300 Diesel	OM603	02/89	06/93
300 (124)	300 Turbo Diesel	OM603	02/89	06/93
308D SPRINTER	2.3 Diesel	OM601	10/88	03/95
310D	2.9 Diesel	OM602	10/88	
350 (126)	350 Diesel	OM603.970 USA	03/90	06/91
350 (126)	350 Turbo Diesel	OM603.970 USA	03/90	06/91
410D	2.9 Diesel	OM602	10/88	
508D	2.3 Diesel	OM601	03/89	
C-CLASS (202)	C200 Diesel	16V OM601	07/93	
E-CLASS (124)	E200 Diesel	OM601.912	07/93	
E-CLASS (124)	E250 Diesel	OM602.912	07/93	
E-CLASS (124)	E250 Turbo Diesel	OM602.962	07/93	
E-CLASS (124)	E300 Turbo Diesel	OM603.960	07/93	
E-CLASS (124)	E300 Turbo Diesel	OM603.963	07/93	
E-CLASS (210)	E250 Turbo Diesel	OM602	07/93	
G-CLASS (460)	250 Diesel	OM602.930	02/89	07/93
G-CLASS (461)	250 Diesel	OM602.939	02/90	
G-CLASS (461)	290 Diesel	OM602.942	08/93	
G-CLASS (461)	290 Diesel	OM602.947	08/93	
G-CLASS (463)	250 Diesel	OM602.931	09/89	06/93
G-CLASS (463)	300 Diesel	OM603.931	02/89	06/93
G-CLASS (463)	350 Diesel	OM603.972	09/91	
MB100	2.4 Diesel	OM616.963	02/89	
S-CLASS (140)	300 Diesel	OM603.971	02/92	09/92
S-CLASS (140)	350 Turbo Diesel	OM603.971	03/93	
SPRINTER 208D	2.3 Diesel	OM601	04/95	
SPRINTER 308D	2.3 Diesel	OM601	04/95	
SPRINTER 408D	2.3 Diesel	OM601	04/95	
UNIMOG	2.9 Diesel	OM602.948	11/92	
UNIMOG	3.0 Diesel	OM602.941	11/92	
V-CLASS MPV (638/2)	230 Turbo Diesel	OM601.970	09/96	
VITO (638)	2.3 Diesel	OM601.942	02/96	07/03
VITO (638)	2.3 Turbo Diesel	OM601.970	02/96	07/03

LP022

AUDI	80	1.6 Diesel	8V	CR 54bhp	1981	08/91
	80	1.6 Diesel		CS 50bhp	1981	08/91
	80	1.6 Diesel	8V	JK 54bhp	08/82	08/91
	80	1.6 Turbo Diesel	8V	RA 80bhp	1981	08/91
	80	1.6 Turbo Diesel	8V	CY 70bhp	1981	08/91
	80	1.6 Turbo Diesel	8V	SB 80bhp	1981	08/91
	80	1.9 Diesel	8V	1Y 64bhp	09/89	08/91
	80	1.9 TDi Turbo Diesel	8V	1Z 90bhp	10/91	12/94
	80	1.9 Turbo Diesel	8V	AAZ 75bhp	9/89	12/94
	90	1.6 Diesel		JK 54bhp	1984	07/91
	90	1.6 Turbo Diesel		CY 70bhp	1984	07/91
	90	1.6 Turbo Diesel		SB 80bhp	1984	07/91
	90	1.6 Turbo Diesel		RA 80bhp	1984	07/91
	100	2.0 Diesel		CN 70bhp	1978	11/90
	100	2.0 Turbo Diesel		NC 102bhp	1978	11/90
	100	2.0 Turbo Diesel		DE 90bhp	1978	11/90



LP022 (continued)

AUDI (Continued)	100	2.4 Diesel	10V	3D 82bhp	08/89	05/94	
	100	2.4 Diesel	10V	AAS 82bhp	08/89	05/94	
	100 AVANT	2.0 Turbo Diesel		NC 102bhp	08/82	11/90	
	100 AVANT	2.0 Turbo Diesel		DE 90bhp	08/82	11/90	
	A3	1.9 TDi Turbo Diesel	8V	AGR 90bhp	09/96	07/01	
	A3	1.9 TDi Turbo Diesel	8V	ALH 90bhp	09/96	07/01	
	A3	1.9 TDi Turbo Diesel	8V	AHF 110bhp	09/96	07/01	
	A3	1.9 TDi Turbo Diesel	8V	ASV 110bhp	08/97	07/01	
	A3	1.9 TDi Turbo Diesel	8V	ATD 100bhp	10/00	05/03	
	A3	1.9 TDi Turbo Diesel	8V	AXR 100bhp	10/00	05/03	
	A3	1.9 TDi Turbo Diesel		ASZ 130bhp PD	08/00	05/03	
	A4	1.9 TDi Turbo Diesel		AFN 110bhp	11/94	11/00	
	A4	1.9 TDi Turbo Diesel		AVG 110bhp	09/96	11/00	
	A4	1.9 TDi Turbo Diesel	8V	AHU 90bhp	08/96	12/98	
	A4	1.9 TDi Turbo Diesel	8V	1Z 90bhp	01/95	11/00	
	A4	1.9 TDi Turbo Diesel	8V	AHH 90bhp	1999	11/00	
	A4	1.9 TDi Turbo Diesel		AJM 115bhp PD	08/98	11/00	
	A4	1.9 TDi Turbo Diesel		ATJ 115bhp PD	08/98	11/00	
	A4	1.9 TDi Turbo Diesel	8V	AFF 75bhp	1999	11/00	
	A4	1.9 TDi Turbo Diesel		AWX 130bhp PD	09/01	12/04	
	A4	1.9 TDi Turbo Diesel		AVF 130bhp	11/01	12/04	
	A4 QUATTRO	1.9 TDi Turbo Diesel		AVF 130bhp PD	11/01	12/04	
	A6	1.9 TDi Turbo Diesel	8V	AHU 90bhp	7/94	02/97	
	A6	1.9 TDi Turbo Diesel	8V	1Z 90bhp	7/94	02/97	
	A6	1.9 TDi Turbo Diesel	8V	AJM 115bhp PD	12/95	01/05	
	A6	1.9 TDi Turbo Diesel	8V	AVF 130bhp PD	12/95	01/05	
	A6	1.9 TDi Turbo Diesel	8V	AFN 110bhp	12/95	01/05	
	A6	1.9 TDi Turbo Diesel	8V	AWX 130bhp PD	8/01	01/05	
	CABRIOLET	1.9 TDi Turbo Diesel		1Z/AHU 90bhp			
	FORD	GALAXY MPV	1.9 TDi Turbo Diesel		ANU 90bhp PD	03/95	09/01
		GALAXY MPV	1.9 TDi Turbo Diesel		AUY 115bhp PD	03/95	09/01
		GALAXY MPV	1.9 TDi Turbo Diesel		AHU 90bhp	02/95	
GALAXY MPV		1.9 TDi Turbo Diesel		AFN 110bhp	02/95		
GALAXY MPV		1.9 TDi Turbo Diesel		1Z 90bhp	02/95		
NISSAN	EBRO TRADE	2.0 Diesel		LD20	03/87		
SEAT	ALHAMBRA MPV	1.9 TDi Turbo Diesel		AHU 90bhp	04/95		
	ALHAMBRA MPV	1.9 TDi Turbo Diesel		1Z 90bhp	04/95		
	ALHAMBRA MPV	1.9 TDi Turbo Diesel		AFN 110bhp	11/96		
	ALHAMBRA MPV	1.9 TDi Turbo Diesel		AUY 115bhp PD	06/00		
	ALHAMBRA MPV	1.9 TDi Turbo Diesel		ANU 90bhp PD	06/00		
	AROSA	1.7 SDi Diesel		AKU 60bhp	1998	10/01	
	CORDOBA	1.9 Diesel		1Y 64bhp	09/93	2003	
	CORDOBA	1.9 SDi Diesel		AEF 64bhp	12/95	2003	
	CORDOBA	1.9 SDi Diesel		AEY 64bhp	12/95	2003	
	CORDOBA	1.9 TDi Turbo Diesel		1Z 90bhp	07/96	2003	
	CORDOBA	1.9 TDi Turbo Diesel		AFN 110bhp	03/97	2003	
	CORDOBA	1.9 TDi Turbo Diesel		AGR 90bhp	05/99	2003	
	CORDOBA	1.9 TDi Turbo Diesel		AHU 110bhp	06/97	2003	
	CORDOBA	1.9 TDi Turbo Diesel		ALH 90bhp	5/99	2003	
	CORDOBA	1.9 TDi Turbo Diesel		ASK 110bhp	05/99	2003	
	CORDOBA	1.9 Turbo Diesel		AAZ 75bhp	09/93	2003	
	CORDOBA VARIO	1.9 SDi Diesel		AEY 64bhp	06/97		
	CORDOBA VARIO	1.9 TDi Turbo Diesel		AGR 90bhp	05/99		
	CORDOBA VARIO	1.9 TDi Turbo Diesel		ALH 90bhp	05/99		
	CORDOBA VARIO	1.9 TDi Turbo Diesel		ASV 110bhp	05/99		
	CORDOBA VARIO	1.9 TDi Turbo Diesel		AHU 110bhp	06/97		
	IBIZA	1.9 Diesel		1Y 64bhp	05/93	1999	
	IBIZA	1.9 SDi Diesel		AEY 64bhp	1996	1999	
	IBIZA	1.9 SDi Diesel		AEF 64bhp	1996	1999	
	IBIZA	1.9 TDi Turbo Diesel		AHU 90bhp	07/96	1999	
	IBIZA	1.9 TDi Turbo Diesel		ALH 90bhp PD	07/96	1999	
	IBIZA	1.9 TDi Turbo Diesel		1Z 90bhp	07/96	1999	
	IBIZA	1.9 TDi Turbo Diesel		AFN 110bhp	03/97	1999	
	IBIZA	1.9 TDi Turbo Diesel		ASV 110bhp	05/99	1999	
	IBIZA	1.9 TDi Turbo Diesel		ASK 110bhp	08/99	1999	
	IBIZA	1.9 TDi Turbo Diesel		AGR 90bhp	05/99	1999	
	IBIZA	1.9 Turbo Diesel		AAZ 75bhp	05/93	1999	
	INCA	1.9 Diesel		1Y 64bhp	11/95		
	INCA	1.9 SDi Diesel		AEY 64bhp	11/95		
	INCA	1.9 TDi Turbo Diesel		AHU 90bhp	09/96		
	LEON	1.9 TDi Turbo Diesel		AHF 110bhp	12/99	2005	
	LEON	1.9 TDi Turbo Diesel		AGR 90bhp	12/99	2005	
	LEON	1.9 TDi Turbo Diesel		ALH 90bhp	12/99	2005	
	LEON	1.9 TDi Turbo Diesel		ASV 110bhp	12/99	2005	
	MALAGA	1.7 Diesel		138A5000 (Fiat)	09/87	12/93	
	TERRA	1.3 Diesel		MN 45bhp	03/90		
	TERRA	1.4 Diesel		1W 48bhp	10/90		
	TOLEDO	1.9 Diesel		1Y 64bhp	03/91	2007	



LP022 (continued)

SEAT (Continued)

TOLEDO	1.9 TDi Turbo Diesel		1Z 90bhp	08/96	2007
TOLEDO	1.9 TDi Turbo Diesel		AFN 110bhp	11/96	2007
TOLEDO	1.9 TDi Turbo Diesel		AHU 90bhp	06/96	2007
TOLEDO	1.9 TDi Turbo Diesel		AHF 110bhp	10/98	2007
TOLEDO	1.9 TDi Turbo Diesel		AGR 90bhp	04/99	2007
TOLEDO	1.9 TDi Turbo Diesel		ALH 90bhp	03/99	2007
TOLEDO	1.9 TDi Turbo Diesel		ASV 110bhp	12/99	2007
TOLEDO	1.9 Turbo Diesel		AAZ 75bhp	03/91	2007

SKODA

FABIA	1.9 TDi Turbo Diesel	8V	ATD 100bhp PD	10/00	2007
FELICIA	1.9 Diesel		1Y 64bhp	07/96	
FELICIA	1.9 Diesel		AEF 64bhp	1996	
FELICIA	1.9 Diesel		AEF 64bhp	1997	
OCTAVIA	1.9 TDi Turbo Diesel		AGR 90bhp	07/96	2004
OCTAVIA	1.9 TDi Turbo Diesel		AHF 110bhp	07/96	2004
OCTAVIA	1.9 TDi Turbo Diesel		ALH 90bhp	1997	2004
OCTAVIA	1.9 TDi Turbo Diesel	8V	ATD 100bhp PD	10/00	2004

VOLKSWAGEN

BORA (1JZ)	1.9 TDi Turbo Diesel		AGR 90bhp	09/98	2005
BORA (1JZ)	1.9 TDi Turbo Diesel		ALH 90bhp	09/98	2005
BORA (1JZ)	1.9 TDi Turbo Diesel		AHF 110bhp	09/98	2005
BORA (1JZ)	1.9 TDi Turbo Diesel		AJM 115bhp PD	09/98	2005
BORA (1JZ)	1.9 TDi Turbo Diesel		ATD 101bhp PD	11/01	2005
BORA (1JZ)	1.9 TDi Turbo Diesel		AXR 101bhp PD	11/01	2005
BORA (1JZ)	1.9 TDi Turbo Diesel		ASV 110bhp	09/98	2005
BORA (1JZ)	1.9 TDi Turbo Diesel		ASZ 130bhp PD	05/99	09/01
BORA (1JZ)	1.9 TDi Turbo Diesel		ARL 150bhp PD	05/99	09/01
BORA (1JZ)	1.9 TDi Turbo Diesel		AUY 115bhp PD	05/99	2005
CADDY MK I	1.6 Diesel		JK 54bhp	1984	12/94
CADDY MK I	1.6 Diesel		ME 54bhp	1984	12/94
CADDY MK II	1.7 SDi Diesel		AHB 57bhp	07/96	2004
CADDY MK II	1.9 Diesel		1Y 64bhp	11/95	2004
CADDY MK II	1.9 Diesel		AEF 64bhp	06/96	2004
CADDY MK II	1.9 SDi Diesel		AEY 64bhp	11/95	2004
CADDY MK II	1.9 TDi Turbo Diesel		ALE 90bhp	09/96	2004
CADDY MK II	1.9 TDi Turbo Diesel		AHU 90bhp	09/96	2004
CARAVELLE	1.7 Diesel		KY 57bhp	1986	
CARAVELLE	1.9 Diesel		1X 60bhp	1990	
CARAVELLE	1.9 Turbo Diesel		ABL 68bhp	1995	
CARAVELLE	2.4 Diesel	10V	AAB 78bhp	1990	09/95
GOLF II	1.6 Diesel		JP 54bhp	1981	1992
GOLF II	1.6 Diesel		JK 54bhp	1981	1992
GOLF II	1.6 Turbo Diesel		1V 60bhp	1981	1992
GOLF III	1.9 Diesel		1Z 90bhp	1993	1998
GOLF III	1.9 Diesel		1Y 64bhp	1993	1998
GOLF III	1.9 Turbo Diesel		AAZ 75bhp	1993	1998
GOLF CABRIOLET	1.9 TDi Turbo Diesel		1Z 90bhp	08/95	07/96
GOLF CABRIOLET	1.9 TDi Turbo Diesel		AFN 110bhp	03/94	
GOLF CABRIOLET	1.9 TDi Turbo Diesel		ALE 90bhp	04/97	
GOLF CABRIOLET	1.9 TDi Turbo Diesel		AHU 90bhp	03/94	
GOLF I (17)	1.5 Diesel		CK 50bhp	1978	
GOLF I (17)	1.6 Diesel		JK 40KW	1980	
GOLF I (17)	1.6 Diesel		CR 54bhp	1980	
GOLF I (17)	1.6 Turbo Diesel		CY 70bhp	1982	
GOLF II (19E)	1.6 Diesel		ME 54bhp	1988	
GOLF II (19E)	1.6 Diesel		JP 54bhp	1983	
GOLF II (19E)	1.6 Turbo Diesel		1V 60bhp	1989	
GOLF II (19E)	1.6 Turbo Diesel		MF 70bhp	1988	
GOLF II (19E)	1.6 Turbo Diesel		RA 80bhp	04/89	02/90
GOLF II (19E)	1.6 Turbo Diesel		SB 80bhp	08/89	10/91
GOLF II (19E)	1.6 Turbo Diesel		CY 70bhp	1983	
GOLF III (1HX, 1E)	1.9 Diesel		1Y 65bhp	10/91	
GOLF III (1HX, 1E)	1.9 TDi Turbo Diesel		1Z 90bhp	1994	
GOLF III (1HX, 1E)	1.9 TDi Turbo Diesel		AHU 90bhp	03/94	
GOLF III (1HX, 1E)	1.9 TDi Turbo Diesel		AFN 110bhp	03/94	
GOLF III (1HX, 1E)	1.9 Turbo Diesel		AAZ 75bhp	10/91	
GOLF IV (1J)	1.9 TDi Turbo Diesel		1Z 90bhp	1998	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		ALH 90bhp	07/97	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		AGR 90bhp	07/97	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		ALE 90bhp	05/97	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		AHF 110bhp	07/97	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		AJM 115bhp PD	07/97	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		AUY 115bhp PD	01/00	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		ASV 110bhp	05/99	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		ATD 101bhp PD	07/97	10/01
GOLF IV (1J)	1.9 TDi Turbo Diesel		AXR 101bhp PD	07/97	10/01
GOLF IV (1J)	1.9 TDi Turbo Diesel		ASZ 130bhp PD	07/97	10/01
GOLF IV (1J)	1.9 TDi Turbo Diesel		ARL 150bhp PD	07/97	10/01
JETTA (17, 19)	1.6 Diesel		CS 50bhp	1980	



LP022 (continued)

VOLKSWAGEN (continued)

JETTA (17, 19)	1.6 Diesel		ME 54bhp	1980	
JETTA (17, 19)	1.6 Diesel		JP 54bhp	1983	
JETTA (17, 19)	1.6 Diesel		CR 54bhp	1980	
JETTA (17, 19)	1.6 Diesel		JK 54bhp	1980	
JETTA (17, 19)	1.6 Turbo Diesel		CY 70bhp	1982	
JETTA (17, 19)	1.6 Turbo Diesel		IV 60bhp	1983	
JETTA (17, 19)	1.6 Turbo Diesel		JR 70bhp	1984	
JETTA (17, 19)	1.6 Turbo Diesel		MF 70bhp	1984	
JETTA (17, 19)	1.6 Turbo Diesel		RA 80bhp	1989	
JETTA (17, 19)	1.6 Turbo Diesel		SB 80bhp	1989	
LT	2.4 Diesel	12V	DW 75bhp	1983	
LT	2.4 Diesel	12V	1S 70bhp	1988	
LT	2.4 Diesel	12V	CP 75bhp	1980	
LT	2.4 Diesel	12V	ACL 95bhp	1983	
LT	2.4 Diesel	12V	ACT 70bhp	1983	
LT	2.4 Turbo Diesel		DV 102bhp	1983	
LT	2.4 Turbo Diesel	12V	1G 92bhp	1983	
MULTIVAN	1.9 Diesel		1X 60bhp	1990	
MULTIVAN	1.9 Turbo Diesel		ABL 68bhp	1992	
MULTIVAN	2.4 Diesel		AAB 78bhp	1990	
MULTIVAN	2.4 Diesel		AJA 75bhp	05/97	
NEW BEETLE	1.9 TDi Turbo Diesel		ATD 101bhp PD	2001	10/01
PASSAT I (32, 33)	1.5 Diesel		CK 50bhp	1979	
PASSAT II (32B)	1.6 Diesel		CR 54bhp	1980	
PASSAT II (32B)	1.6 Diesel		JK 54bhp	1980	
PASSAT II (32B)	1.6 Turbo Diesel		CY 70bhp	1980	
PASSAT II (32B)	1.6 Turbo Diesel		RA 80bhp	1984	
PASSAT II (32B)	1.9 Diesel		1Y 68bhp	1980	
PASSAT III (35)	1.6 Turbo Diesel	8V	SB 80bhp	1988	1997
PASSAT III (35)	1.6 Turbo Diesel	8V	RA 80bhp	1988	1997
PASSAT III (35)	1.9 Diesel		1Y 68bhp	1988	1997
PASSAT III (35)	1.9 TDi Turbo Diesel		1Z 90bhp	08/89	1997
PASSAT III (35)	1.9 TDi Turbo Diesel		AFN 110bhp	09/93	1997
PASSAT III (35)	1.9 Turbo Diesel		AAZ 75bhp	05/89	1997
PASSAT IV (3B)	1.9 TDi Turbo Diesel		AFN 110bhp	03/96	
PASSAT IV (3B)	1.9 TDi Turbo Diesel		AJM 115bhp PD	01/98	
PASSAT IV (3B)	1.9 TDi Turbo Diesel		AVG 110bhp	08/99	
PASSAT IV (3B)	1.9 TDi Turbo Diesel		AVF 130bhp PD	10/00	10/01
PASSAT IV (3B)	1.9 TDi Turbo Diesel		AHU 90bhp	10/96	
PASSAT IV (3B)	1.9 TDi Turbo Diesel		AHH 90bhp	08/97	
PASSAT IV (3B)	1.9 TDi Turbo Diesel		ATJ 115bhp PD	12/99	
PASSAT IV (3B)	1.9 TDi Turbo Diesel		AVB 100bhp PD	03/96	10/01
PASSAT IV (3B)	1.9 TDi Turbo Diesel		AWX 131bhp PD	10/00	10/01
POLO CLASSIC (6KV2)	1.7 SDi Diesel		MN 45bhp	11/97	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel		AFN 110bhp	08/98	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel		AGR 90bhp	10/99	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel		AHU 90bhp	08/96	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel		ALE 90bhp	11/97	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel		ALH 90bhp	10/99	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel		ASV 110 bhp	10/99	
POLO II (86C)	1.3 Diesel			1986	08/90
POLO II (86C)	1.4 Diesel		1W 48bhp	09/90	07/94
POLO III (6N1)	1.7 SDi Diesel		AHG 57bhp	04/97	
POLO III (6N1)	1.7 SDi Diesel		AKU 60bhp	08/97	
POLO III (6N1)	1.9 Diesel		AEF 64bhp	10/94	
POLO III (6N1)	1.9 Diesel		AEY 64bhp	1993	
POLO III (6N1)	1.9 SDi Diesel		AGD 64bhp	07/96	
POLO III (6N1)	1.9 TDi Turbo Diesel		AHU 90bhp	05/97	
POLO IV (6N2)	1.7 SDi Diesel		AHG 57bhp	1999	
POLO IV (6N2)	1.7 SDi Diesel		AKU 60bhp	1999	09/01
POLO IV (6N2)	1.9 Diesel		AEF 64bhp	10/99	
POLO IV (6N2)	1.9 SDi Diesel		AGD 64bhp	1999	
POLO IV (6N2)	1.9 SDi Diesel		ASX 64bhp	1999	
POLO IV (6N2)	1.9 TDi Turbo Diesel		AHU 90bhp	1999	
POLO VARIANT (6KV5)	1.7 SDi Diesel		AKW 60bhp	11/97	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel		AFN 110bhp	08/98	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel		AGR 90bhp	10/99	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel		AHU 90bhp	08/96	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel		ALE 90bhp	11/97	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel		ALH 90bhp	10/99	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel		ASV 110 bhp	10/99	
SANTANA	1.6 Diesel		JK 54bhp	1981	12/84
SANTANA	1.6 Turbo Diesel		CY 70bhp	1981	12/84
SHARAN MPV	1.9 TDi Turbo Diesel		1Z 90bhp	04/95	
SHARAN MPV	1.9 TDi Turbo Diesel		AFN 110bhp	04/95	
SHARAN MPV	1.9 TDi Turbo Diesel		AHU 90bhp	04/95	
SHARAN MPV	1.9 TDi Turbo Diesel		AVG 110bhp	1996	



LP022 (continued)

VOLKSWAGEN (continued)

SHARAN MPV	1.9 TDi Turbo Diesel	AUY 115bhp PD	2000	10/01
TRANSPORTER	1.6 Diesel	CS 50bhp	1981	
TRANSPORTER	1.6 Turbo Diesel	JX 70bhp	1981	
TRANSPORTER	1.7 Diesel	KY 57bhp	1986	
TRANSPORTER T4	1.9 Diesel	1X 60bhp	09/90	12/95
TRANSPORTER T4	1.9 Turbo Diesel	ABL 68bhp	10/92	
TRANSPORTER T4	2.4 Diesel	AJA 75bhp	05/97	
TRANSPORTER T4	2.4 Diesel	AAB 78bhp	09/90	
VENTO	1.9 Diesel	1Y 64bhp	11/91	
VENTO	1.9 TDi Turbo Diesel	AFN 110bhp	10/93	
VENTO	1.9 TDi Turbo Diesel	AHU 90bhp	10/93	
VENTO	1.9 TDi Turbo Diesel	ALE 90bhp	10/93	
VENTO	1.9 TDi Turbo Diesel	1Z 90bhp	07/93	
VENTO	1.9 Turbo Diesel	AAZ 75bhp	11/91	

VOLVO

740	2.4 Diesel	D24	04/84	07/92
740	2.4 Turbo Diesel	D24T	04/87	07/92
740	2.4 Turbo Diesel	D24TIC intercooler	04/87	07/92
760	2.4 Diesel	D24	08/82	07/87
760	2.4 Turbo Diesel	D24TIC Intercooler	08/87	07/92
760	2.4 Turbo Diesel	D24T	08/87	07/92
780	2.4 Turbo Diesel	D24TIC Intercooler	08/85	07/91
940	2.4 Diesel	D24	09/90	
940	2.4 Turbo Diesel	D24T	09/90	
940	2.4 Turbo Diesel	D24TIC Intercooler	09/90	
960	2.4 Turbo Diesel	D24TIC Intercooler	09/91	
960	2.4 Turbo Diesel	D24T	09/91	
240 SERIES	2.0 Diesel	D20	1979	09/81
240 SERIES	2.4 Diesel	D24	1979	08/93

LP023

NISSAN

ALMERA	2.0 Diesel	CD20	07/95	04/96
PRIMERA	2.0 Diesel	CD20	1991	04/96
PRIMERA	2.0 Turbo Diesel	CD20T	1996	
SUNNY FWD	2.0 Diesel	CD20	1991	

LP024

LANDROVER

110/DEFENDER	2.5 TDi Turbo Diesel	200 TDi	09/90	
130/DEFENDER	2.5 TDi Turbo Diesel	200 TDi	09/90	
90/DEFENDER	2.5 TDi Turbo Diesel	200 TDi	09/90	
DISCOVERY	2.5 TDi Turbo Diesel	200 TDi	11/89	
RANGE ROVER	2.5 TDi Turbo Diesel	200 TDi	1993	09/94
RANGE ROVER	2.5 TDi Turbo Diesel	300 TDi	03/94	

LP025

FORD

ECONOVAN	2.0 Diesel	RF Mazda	09/85	
RANGER	2.5 Diesel	WL (Mazda)	05/99	
RANGER	2.5 Turbo Diesel	WL (Mazda)	05/99	

ISUZU

GEMINI	1.5 Turbo Diesel	4EC1T	12/88	
I-MARK	1.5 Turbo Diesel	4EC1T	12/88	
MIDI	2.0 Turbo Diesel	4ZC1T	01/86	
MIDI	2.2 Diesel	4FD1	01/86	
TROOPER	3.1 Turbo Diesel	4JG2T	01/92	

KIA

BESTA	2.2 Diesel	R2 (Mazda)	1994	
K2700	2.7 Diesel		10/99	
PREGIO	2.7 Diesel	J2	06/96	
SPORTAGE	2.0 TDi Turbo Diesel	RF (Mazda)	1994	2003
SPORTAGE	2.0 TDi Turbo Diesel	RF (Mazda)	1994	2003
SPORTAGE	2.2 Diesel	R2 (Mazda)	1996	2003

MAZDA

323 FWD	1.7 Diesel	PN	1987	2003
626 FWD inc CAPELLA	2.0 Diesel	RF	1982	07/85
626 FWD inc CAPELLA	2.0 Diesel	RF-N	07/87	07/91
B2200	2.2 Diesel	R2	1984	
B2500	2.5 Diesel	WL	1999	
B2500	2.5 Turbo Diesel	WL	1999	
E2200	2.2 Diesel	R2	02/83	02/88
MPV	2.5 Turbo Diesel		05/96	09/99
T2500	2.5 Diesel	XA	10/80	
T3000	3.0 Diesel	HA	1977	
T4100	4.1 Diesel	ZB	10/80	

NISSAN

BLUEBIRD FWD	2.0 Diesel	LD20	1986	
BLUEBIRD FWD	2.0 Turbo Diesel	LD20T	1986	
PATROL	2.8 Diesel	RD28	1987	
PATROL	2.8 Turbo Diesel	RD28T	1987	
SERENA	2.0 Diesel	LD20	1993	
SUNNY FWD	1.7 Diesel	CD17	1986	12/91
VANETTE	2.0 Diesel	LD20II	1986	



LP025 (continued)

OPEL	ASTRA	1.7 Turbo Diesel		4EE1T Isuzu to eng no 956632	10/91	02/98
	CAMPO	3.1 Turbo Diesel		4JG2TC (Isuzu)	03/95	
	CORSA A	1.5 Turbo Diesel		4EC1T (Isuzu) from eng no 804795	03/88	02/93
	KADETT E	1.7 Turbo Diesel		4EE1T Isuzu from eng no 817253	02/90	08/91
	MONTEREY	3.1 Turbo Diesel		4JG2TC (Isuzu)	06/92	
VAUXHALL	ASTRA MKIII	1.7 Turbo Diesel		4EE1T (Isuzu) from eng no 731417 to 956632	04/92	02/98
	BELMONT	1.5 Diesel		4EC1 (Isuzu)	01/87	08/90
	BELMONT	1.5 Turbo Diesel		4EC1T (Isuzu)	01/87	08/90
	BRAVA PICK-UP	3.1 Turbo Diesel		4JG2TC (Isuzu)	1995	
	CAVALIER FWD	1.7 Turbo Diesel		4EE1T (Isuzu) from eng no 731417	04/92	08/95
	MONTEREY	3.1 Turbo Diesel		4JG2TC (Isuzu)	05/94	
	NOVA	1.5 Turbo Diesel		4EC1T (Isuzu) from eng no 804795	03/88	02/93

LP026

MITSUBISHI	CARISMA	1.9 Turbo Diesel		F8Q 740 (Renault)	1995	
RENAULT	MEGANE	1.9 Turbo Diesel		F8Q 784, 786	01/96	
	MEGANE	1.9 Turbo Diesel		F8Q	09/96	
	MEGANE SCENIC	1.9 Turbo Diesel		F8Q 784, 786	01/96	
	MEGANE SCENIC	1.9 Turbo Diesel		F8Q	1995	
	R19 INCL. CHAMADE	1.9 Turbo Diesel		F8Q	09/90	
VOLVO	440	1.9 Turbo Diesel		F8Q Renault	01/94	
	460	1.9 Turbo Diesel		F8Q Renault	1/94	
	S40	1.9 Turbo Diesel	8V	D4192T, F8Q (Renault)	05/96	
	S70	1.9 Turbo Diesel		D4192T, F8Q (Renault)	01/96	
	V40	1.9 Turbo Diesel		D4192T, F8Q (Renault)	01/96	

LP027

AUDI	80	1.9 TDi Turbo Diesel	8V	1Z 90bhp	10/91	12/94
	100	2.5 TDi Turbo Diesel	10V	ABP 115bhp	06/91	06/94
	100	2.5 TDi Turbo Diesel	10V	AAT 115bhp	06/91	06/94
	100 AVANT	2.5 TDi Turbo Diesel		1T 120bhp	04/90	11/90
	A2	1.4 TDi Turbo Diesel		AMF 75bhp PD	08/00	08/05
	A3	1.9 TDi Turbo Diesel	8V	AGR 90bhp	09/96	07/01
	A3	1.9 TDi Turbo Diesel	8V	ALH 90bhp	09/96	07/01
	A3	1.9 TDi Turbo Diesel	8V	AHF 110bhp	09/96	07/01
	A3	1.9 TDi Turbo Diesel	8V	ASV 110bhp	08/97	07/01
	A3	1.9 TDi Turbo Diesel	8V	ATD 100bhp	10/00	05/03
	A3	1.9 TDi Turbo Diesel	8V	AXR 100bhp	10/00	05/03
	A3	1.9 TDi Turbo Diesel		ASZ 130bhp PD	08/00	05/03
	A4	1.9 TDi Turbo Diesel		AFN 110bhp	11/94	11/00
	A4	1.9 TDi Turbo Diesel		AVG 110bhp	09/96	11/00
	A4	1.9 TDi Turbo Diesel		AVB 100bhp	05/01	12/04
	A4	1.9 TDi Turbo Diesel	8V	AHU 90bhp	11/94	11/00
	A4	1.9 TDi Turbo Diesel	8V	1Z 90bhp	01/95	11/00
	A4	1.9 TDi Turbo Diesel	8V	AFF 75bhp	1996	11/00
	A4	1.9 TDi Turbo Diesel	8V	AHH 90bhp	1997	11/00
	A4	1.9 TDi Turbo Diesel		AJM 115bhp PD	08/98	11/00
	A4	1.9 TDi Turbo Diesel		ATJ 115bhp PD	08/98	11/00
	A4	1.9 TDi Turbo Diesel		AWX 130bhp PD	09/01	12/04
	A4	1.9 TDi Turbo Diesel		AVF 130bhp	11/01	12/04
	A4 QUATTRO	1.9 TDi Turbo Diesel		AVF 130bhp PD	11/01	12/04
	A6	1.9 TDi Turbo Diesel	8V	AHU 90bhp	7/94	02/97
	A6	1.9 TDi Turbo Diesel	8V	1Z 90bhp	7/94	02/97
	A6	1.9 TDi Turbo Diesel		AJM 115bhp PD	12/95	01/05
	A6	1.9 TDi Turbo Diesel		AVF 130bhp PD	12/95	01/05
	A6	1.9 TDi Turbo Diesel	8V	AFN 110bhp	12/95	01/05
	A6	1.9 TDi Turbo Diesel		AWX 130bhp PD	8/01	01/05
	A6	2.5 TDi Turbo Diesel	10V	AEL 140bhp	6/94	02/97
	A6	2.5 TDi Turbo Diesel	10V	AAT 115bhp	6/94	02/97
	A6	1.9 TDi Turbo Diesel		1Z/AHU 90bhp	06/95	08/00
FORD	GALAXY MPV	1.9 TDi Turbo Diesel		ANU 90bhp PD	03/95	09/01
	GALAXY MPV	1.9 TDi Turbo Diesel		AUY 115bhp PD	03/95	09/01
	GALAXY MPV	1.9 TDi Turbo Diesel		AHU 90bhp	02/95	
	GALAXY MPV	1.9 TDi Turbo Diesel		AFN 110bhp	02/95	
	GALAXY MPV	1.9 TDi Turbo Diesel		1Z 90bhp	02/95	
SEAT	ALHAMBRA MPV	1.9 TDi Turbo Diesel		AHU 90bhp	04/95	
	ALHAMBRA MPV	1.9 TDi Turbo Diesel		1Z 90bhp	04/95	
	ALHAMBRA MPV	1.9 TDi Turbo Diesel		AFN 110bhp	11/96	
	ALHAMBRA MPV	1.9 TDi Turbo Diesel		AUY 115bhp PD	06/00	
	ALHAMBRA MPV	1.9 TDi Turbo Diesel		ANU 90bhp PD	06/00	
	AROSA	1.4 TDi Turbo Diesel		AMF 75bhp PD	1999	10/01
	AROSA	1.7 SDi Diesel		AKU 60bhp	1998	10/01
	CORDOBA	1.7 SDi Diesel			07/97	06/99
	CORDOBA	1.9 SDi Diesel		AEF 64bhp	12/95	2003
	CORDOBA	1.9 SDi Diesel		AEY 64bhp	12/95	2003
	CORDOBA	1.9 SDi Diesel		AGP 68bhp	05/99	2003
	CORDOBA	1.9 SDi Diesel		AQM 68bhp	05/99	2003
	CORDOBA	1.9 TDi Turbo Diesel		1Z 90bhp	07/96	2003



LP027 (continued)

SEAT (continued)

CORDOBA	1.9 TDi Turbo Diesel		AFN 110bhp	03/97	2003
CORDOBA	1.9 TDi Turbo Diesel		AGR 90bhp	05/99	2003
CORDOBA	1.9 TDi Turbo Diesel		AHU 110bhp	03/97	2003
CORDOBA	1.9 TDi Turbo Diesel		ALH 90bhp	05/99	2003
CORDOBA	1.9 TDi Turbo Diesel		ASK 110bhp	05/99	2003
CORDOBA VARIO	1.9 SDi Diesel		AGP 68bhp	05/99	
CORDOBA VARIO	1.9 SDi Diesel		AEY 64bhp	06/97	
CORDOBA VARIO	1.9 SDi Diesel		AQM 68bhp	05/99	
CORDOBA VARIO	1.9 TDi Turbo Diesel		AGR 90bhp	05/99	
CORDOBA VARIO	1.9 TDi Turbo Diesel		ALH 90bhp	05/99	
CORDOBA VARIO	1.9 TDi Turbo Diesel		ASV 110bhp	05/99	
CORDOBA VARIO	1.9 TDi Turbo Diesel		AHU 110bhp	06/97	
IBIZA	1.7 SDi Diesel			07/97	08/99
IBIZA	1.9 SDi Diesel		AEY 64bhp	1996	1999
IBIZA	1.9 SDi Diesel		AEF 64bhp	1996	1999
IBIZA	1.9 SDi Diesel		AGP 68bhp	05/99	2002
IBIZA	1.9 SDi Diesel		AQM 68bhp	05/99	2002
IBIZA	1.9 TDi Turbo Diesel		AHU 90bhp	07/96	1999
IBIZA	1.9 TDi Turbo Diesel		ALH 90bhp PD	07/96	1999
IBIZA	1.9 TDi Turbo Diesel		1Z 90bhp	07/96	1999
IBIZA	1.9 TDi Turbo Diesel		AFN 110bhp	03/97	1999
IBIZA	1.9 TDi Turbo Diesel		ASV 110bhp	05/99	1999
IBIZA	1.9 TDi Turbo Diesel		ASK 110bhp	08/99	1999
IBIZA	1.9 TDi Turbo Diesel		AGR 90bhp	05/99	1999
INCA	1.9 SDi Diesel		AEY 64bhp	11/95	
INCA	1.9 TDi Turbo Diesel		AHU 90bhp	09/96	
LEON	1.9 SDi Diesel		AQM 68bhp	11/99	2005
LEON	1.9 TDi Turbo Diesel		AHF 110bhp	12/99	2005
LEON	1.9 TDi Turbo Diesel		AGR 90bhp	12/99	2005
LEON	1.9 TDi Turbo Diesel		ALH 90bhp	12/99	2005
LEON	1.9 TDi Turbo Diesel		ASV 110bhp	12/99	2005
TOLEDO	1.9 TDi Turbo Diesel		1Z 90bhp	08/96	2005
TOLEDO	1.9 TDi Turbo Diesel		AFN 110bhp	11/96	2005
TOLEDO	1.9 TDi Turbo Diesel		AHU 90bhp	06/96	2005
TOLEDO	1.9 TDi Turbo Diesel		AHF 110bhp	10/98	2005
TOLEDO	1.9 TDi Turbo Diesel		AGR 90bhp	04/99	2005
TOLEDO	1.9 TDi Turbo Diesel		ALH 90bhp	03/99	2005
TOLEDO	1.9 TDi Turbo Diesel		ASV 110bhp	12/99	2005

SKODA

FABIA	1.9 SDi Diesel		ASY 64bhp	1999	2007
FABIA	1.9 TDi Turbo Diesel	8V	ATD 100bhp PD	10/00	2007
OCTAVIA	1.9 SDi Diesel		AGP 68bhp	07/96	2004
OCTAVIA	1.9 SDi Diesel		AQM 68bhp	07/96	2004
OCTAVIA	1.9 TDi Turbo Diesel		1Z 90bhp	07/96	2004
OCTAVIA	1.9 TDi Turbo Diesel		AGR 90bhp	07/96	2004
OCTAVIA	1.9 TDi Turbo Diesel		AHF 110bhp	07/96	2004
OCTAVIA	1.9 TDi Turbo Diesel		ALH 90bhp	1997	2004
OCTAVIA	1.9 TDi Turbo Diesel	8V	ATD 100bhp PD	10/00	2004

VOLKSWAGEN

BORA (1JZ)	1.9 SDi Diesel		AGP 68bhp	09/98	2005
BORA (1JZ)	1.9 SDi Diesel		AQM 68bhp	09/98	2005
BORA (1JZ)	1.9 TDi Turbo Diesel		AGR 90bhp	09/98	2005
BORA (1JZ)	1.9 TDi Turbo Diesel		ALH 90bhp	09/98	2005
BORA (1JZ)	1.9 TDi Turbo Diesel		AHF 110bhp	09/98	2005
BORA (1JZ)	1.9 TDi Turbo Diesel		AJM 115bhp PD	09/98	2005
BORA (1JZ)	1.9 TDi Turbo Diesel		ATD 101bhp PD	09/00	10/01
BORA (1JZ)	1.9 TDi Turbo Diesel		AXR 101bhp PD	09/00	10/01
BORA (1JZ)	1.9 TDi Turbo Diesel		ASV 110bhp	09/98	2005
BORA (1JZ)	1.9 TDi Turbo Diesel		ASZ 130bhp PD	05/99	09/01
BORA (1JZ)	1.9 TDi Turbo Diesel		ARL 150bhp PD	05/99	09/01
BORA (1JZ)	1.9 TDi Turbo Diesel		AUY 115bhp PD	05/99	2005
CADDY II	1.7 SDi Diesel		AHB 57bhp	07/96	2004
CADDY II	1.9 SDi Diesel		AEY 64bhp	11/95	2004
CADDY II	1.9 TDi Turbo Diesel		ALE 90bhp	09/96	2004
CADDY II	1.9 TDi Turbo Diesel		AHU 90bhp	09/96	2004
CARAVELLE	2.5 TDi Turbo Diesel		ACV 102bhp	08/95	04/98
EUROVAN	2.4 Diesel		AAB 78bhp	10/92	04/97
EUROVAN	2.5 TDi Turbo Diesel		ACV 102bhp	01/95	
GOLF CABRIOLET	1.9 TDi Turbo Diesel		1Z 90bhp	08/95	07/96
GOLF CABRIOLET	1.9 TDi Turbo Diesel		AFN 110bhp	03/94	
GOLF CABRIOLET	1.9 TDi Turbo Diesel		ALE 90bhp	04/97	
GOLF CABRIOLET	1.9 TDi Turbo Diesel		AHU 90bhp	03/94	
GOLF III (1HX, 1E)	1.9 SDi Diesel		AEY 64bhp	09/93	1998
GOLF III (1HX, 1E)	1.9 TDi Turbo Diesel		1Z 90bhp	1994	1998
GOLF III (1HX, 1E)	1.9 TDi Turbo Diesel		AHU 90bhp	03/94	1998
GOLF III (1HX, 1E)	1.9 TDi Turbo Diesel		AFN 110bhp	03/94	1998
GOLF IV (1J)	1.9 SDi Diesel		AGP 68bhp	07/97	2005
GOLF IV (1J)	1.9 SDi Diesel		AQM 68bhp	07/97	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		1Z 90bhp	1998	2005



LP027 (continued)

VOLKSWAGEN (continued)

GOLF IV (1J)	1.9 TDi Turbo Diesel		ALH 90bhp	07/97	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		AGR 90bhp	07/97	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		ALE 90bhp	05/97	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		AHF 110bhp	07/97	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		AJM 115bhp PD	07/97	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		AUY 115bhp PD	01/00	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		ARL 150bhp PD	01/00	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		ASV 110bhp	05/99	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel		ATD 101bhp PD	07/97	10/01
GOLF IV (1J)	1.9 TDi Turbo Diesel		AXR 101bhp PD	07/97	10/01
GOLF IV (1J)	1.9 TDi Turbo Diesel		ASZ 130bhp PD	07/97	10/01
GOLF IV (1J)	1.9 TDi Turbo Diesel		ARL 150bhp PD	07/97	10/01
LT	2.5 SDi Diesel	10V	AGX 75bhp	05/96	
LT	2.5 TDi Turbo Diesel	10V	AHD 102bhp	05/96	
LT	2.5 TDi Turbo Diesel	10V	APA 90bhp	05/99	
LT	2.5 TDi Turbo Diesel	10V	BBE 83bhp	05/01	
LT	2.5 TDi Turbo Diesel	10V	ANJ 109bhp	05/99	
LT	2.5 TDi Turbo Diesel	10V	AVR 109bhp	05/99	
LT	2.8 TDi Turbo Diesel		ATA 131bhp	01/99	
LT	2.8 Turbo Diesel		ARK 125bhp	05/96	
LUPO (6X1, 6E1)	1.2 TDi Turbo Diesel	6V	ANY 61bhp	11/98	
LUPO (6X1, 6E1)	1.4 TDi Turbo Diesel	6V	AMF 75bhp PD	01/99	10/01
LUPO (6X1, 6E1)	1.7 SDi Diesel	8V	AKU 60bhp	10/98	10/01
MULTIVAN	2.5 TDi Turbo Diesel		ACV 102bhp	08/95	
NEW BEETLE	1.9 TDi Turbo Diesel		ATD 101bhp PD	2001	10/01
NEW BEETLE	1.9 TDi Turbo Diesel		AGR 90bhp	11/98	
NEW BEETLE	1.9 TDi Turbo Diesel		ALH 90bhp	01/98	
PASSAT III (35)	1.9 TDi Turbo Diesel		1Z 90bhp	08/89	1997
PASSAT III (35)	1.9 TDi Turbo Diesel		AFN 110bhp	09/93	1997
PASSAT IV (3B)	1.9 TDi Turbo Diesel		AFN 110bhp	03/96	
PASSAT IV (3B)	1.9 TDi Turbo Diesel		AJM 115bhp PD	01/98	
PASSAT IV (3B)	1.9 TDi Turbo Diesel		AVG 110bhp	08/99	
PASSAT IV (3B)	1.9 TDi Turbo Diesel		AVF 130bhp PD	10/00	10/01
PASSAT IV (3B)	1.9 TDi Turbo Diesel		AHU 90bhp	10/96	
PASSAT IV (3B)	1.9 TDi Turbo Diesel		AHH 90bhp	08/97	
PASSAT IV (3B)	1.9 TDi Turbo Diesel		ATJ 115bhp PD	12/99	
PASSAT IV (3B)	1.9 TDi Turbo Diesel		AVB 100bhp PD	03/96	10/01
PASSAT IV (3B)	1.9 TDi Turbo Diesel		AWX 131bhp PD	10/00	10/01
POLO CLASSIC (6KV2)	1.7 SDi Diesel		AKW 60bhp	11/97	
POLO CLASSIC (6KV2)	1.9 Diesel		1Y 68bhp	10/99	
POLO CLASSIC (6KV2)	1.9 SDi Diesel		AEY 64bhp	10/99	
POLO CLASSIC (6KV2)	1.9 SDi Diesel		AGP 68bhp	10/99	
POLO CLASSIC (6KV2)	1.9 SDi Diesel		AQM 68bhp	10/99	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel		AFN 110bhp	08/98	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel		AGR 90bhp	10/99	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel		AHU 90bhp	08/96	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel		ALE 90bhp	11/97	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel		ALH 90bhp	10/99	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel		ASV 110 bhp	10/99	
POLO III (6N1)	1.7 SDi Diesel		AHG 57bhp	04/97	
POLO III (6N1)	1.7 SDi Diesel		AKU 60bhp	08/97	
POLO III (6N1)	1.9 SDi Diesel		AGD 64bhp	07/96	
POLO III (6N1)	1.9 TDi Turbo Diesel		AHU 90bhp	05/97	
POLO IV (6N2)	1.4 TDi Turbo diesel		AMF 75bhp PD	10/99	
POLO IV (6N2)	1.7 SDi Diesel		AHG 57bhp	1999	
POLO IV (6N2)	1.7 SDi Diesel		AKU 60bhp	1999	09/01
POLO IV (6N2)	1.9 SDi Diesel		AGD 64bhp	1999	
POLO IV (6N2)	1.9 SDi Diesel		ASX 64bhp	1999	
POLO IV (6N2)	1.9 TDi Turbo Diesel		AHU 90bhp	1999	
POLO VARIANT (6KV5)	1.7 SDi Diesel		AKW 60bhp	11/97	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel		AFN 110bhp	08/98	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel		AGR 90bhp	10/99	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel		AHU 90bhp	08/96	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel		ALE 90bhp	11/97	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel		ALH 90bhp	10/99	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel		ASV 110 bhp	10/99	
SHARAN MPV	1.9 TDi Turbo Diesel		1Z 90bhp	04/95	
SHARAN MPV	1.9 TDi Turbo Diesel		AFN 110bhp	04/95	
SHARAN MPV	1.9 TDi Turbo Diesel		AHU 90bhp	04/95	
SHARAN MPV	1.9 TDi Turbo Diesel		AVG 110bhp	1996	
SHARAN MPV	1.9 TDi Turbo Diesel		AUY 115bhp PD	2000	10/01
TRANSPORTER T4	2.5 TDi Turbo Diesel	10V	ACV 102bhp	08/95	04/98
TRANSPORTER T4	2.5 TDi Turbo Diesel	10V	AUF 102bhp	08/95	
VENTO	1.9 SDi Diesel		AEY 64bhp	01/95	
VENTO	1.9 TDi Turbo Diesel		AFN 110bhp	10/93	
VENTO	1.9 TDi Turbo Diesel		AHU 90bhp	10/93	
VENTO	1.9 TDi Turbo Diesel		ALE 90bhp	10/93	



LP027 (continued)

VOLKSWAGEN (continued)	VENTO	1.9 TDi Turbo Diesel	1Z 90bhp	07/93
VOLVO	850	2.5 TDi Turbo Diesel	D5252T	05/96
	S70	2.5 TDi Turbo Diesel	D5252T	04/97
	S80	2.5 TDi Turbo Diesel	D5252T	01/99
	V70	2.5 TDi Turbo Diesel	D5252T	01/97

LP028

ISUZU	TROOPER	2.8 Turbo Diesel	4JB1T	1992
OPEL	FRONTERA	2.8 Turbo Diesel	4JB1T (Isuzu)	1992
VAUXHALL	FRONTERA	2.8 TDi Turbo Diesel	4JB1T (Isuzu)	1992

LP029

ISUZU	ELF 250	2.4 Diesel	C240	1980
	FASTER	2.0 Diesel	C190	1978
	GEMINI	1.5 Diesel	4EC1	12/88
	I-MARK	1.5 Diesel	4EC1	12/88
	KB PICK-UP	2.2 Diesel	C223	08/87 10/88
	RODEO	2.2 Diesel	C223	04/85 08/96
	TROOPER	2.2 Diesel	C223	08/87 10/88
	TROOPER	2.2 Turbo Diesel	C223T	08/87 10/88
OPEL	CAMPO	2.2 Diesel	C223D	1991
	CORSA A	1.5 Diesel	4EC1 (Isuzu) from eng no 804795	09/87 02/93
	KADETT E	1.5 Diesel	4EC1 (Isuzu) from eng no 804795	09/87 02/93
	VECTRA A	1.7 Turbo Diesel	4EE1T (Isuzu) to eng no 9209 / 731417	03/90 11/95
VAUXHALL	MIDI	2.0 Diesel	4FC1 (Isuzu)	1984
	NOVA	1.5 Diesel	4EC1 (Isuzu) from eng no 804795	09/87 02/93

LP030

NISSAN	PATROL	3.2 Turbo Diesel		08/88 06/90
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LP031

	PATROL	2.8 Diesel	RD28	1987
	PATROL	2.8 Turbo Diesel	RD28T	1987

LP032

FORD	MAVERICK	2.7 Turbo Diesel	TD27Ti	03/93
NISSAN	EBRO TRADE	2.3 Diesel	LD23	05/97
	PATHFINDER	2.7 Turbo Diesel	TD27T	1993
	SERENA	2.3 Diesel	LD23	10/94
	TERRANO	2.7 Turbo Diesel	TD27	02/93
	TERRANO II	2.7 Turbo Diesel	TD27	05/96 09/97
	VANETTE	2.3 Diesel	LD23	1995

LP033

BMW	3 SERIES (E30)	324D	M21-D24W	09/85 08/91
	5 SERIES (E28)	524D	M21-D24W	09/83 12/87
	5 SERIES (E28)	524TD	M21-D24WA	09/83 12/87
CITROEN	BX17	1.8 Diesel	XUD7	03/84 04/95
	BX17	1.8 Turbo Diesel	XUD7TE	03/84 05/95
	BX19	1.9 Diesel	XUD9, 9A, 9AL	03/84 05/95
	C15D	1.8 Diesel	XUD7	1985 08/98
	C25D	1.9 Diesel	XUD9	1988
	C25D	2.5 Diesel	U25/651, 661	1987
	C25D	2.5 Turbo Diesel	U25/673	08/87 01/94
	C32D	2.2 Diesel	B22.615	04/79 12/79
	C35D	2.5 Diesel	CRD93B	01/80
	C45D	2.5 Diesel	CRD93B	06/82
	CX MKI	2.5 Diesel	M25629	1978 06/82
	CX MKII	2.5 Diesel	M25 660	1985 12/92
	CX MKII	2.5 Turbo Diesel	M25 671	1985 12/92
	CX MKII	2.5 Turbo Diesel	M25 669	1985 12/92
	VISA	1.8 Diesel	161A, XUD7	1985 03/91
	XANTIA	1.9 Diesel	XUD9A, L, Y	03/93 01/96
	XM	2.1 Diesel	XUD11A, L	05/89
	ZX	1.8 Diesel	XUD7	03/91
	ZX	1.9 Diesel	XUD9, XUD9A, XUD9Y	03/91
DACIA	DUSTER	1.6 Diesel	F8M (Renault)	11/89
FIAT	127	1.3 Diesel	127A, 127A5000	04/81 05/83
	127	1.3 Diesel	127A, 127A5000	06/83 12/86
	131	2.0 Diesel	8144.65	03/78 01/84
	131	2.4 Diesel	8144.61	08/78 12/84
	ARGENTA	2.4 Diesel	8144.61	1981 11/85
	ARGENTA	2.4 Turbo Diesel	8144.81	1981 11/85
	CAMPAGNOLA	2.4 Diesel	8142.61	1979 10/86
	CITIVAN	1.7 Diesel	149B3000	02/88 12/90
	CROMA	2.5 Diesel	8144.67	1986 12/89
	CROMA	2.5 Turbo Diesel	8177.91	1986 12/89
	DUCATO	1.9 Diesel	149A1000	1987



LP033 (continued)

FIAT (continued)

	DUCATO	2.4 Diesel		8144.21	1982	
	DUNA	1.7 Diesel		149B3000	1987	
	ELBA	1.3 Diesel			04/86	10/92
	ELBA	1.7 Diesel		146B2.000	04/89	12/96
	FIORINO	1.3 Diesel		146B1000	11/82	08/93
	FIORINO	1.7 Diesel		149B3000	12/87	
	MARENCO	2.4 Diesel		8144.61	05/80	09/83
	PANDA	1.3 Diesel		156A5000	1986	12/89
	PUNTO	1.7 Diesel		149B3000	1994	
	REGATA	1.7 Diesel		149B3000	09/83	07/89
	REGATA	1.7 Diesel		138B5000, 138B6000	09/83	07/89
	REGATA	1.9 Diesel		149A1000	04/84	07/89
	REGATA	1.9 Turbo Diesel		831D1000	04/84	07/89
	RITMO	1.7 Diesel		149B3000	10/79	12/87
	RITMO	1.9 Turbo Diesel		831D1000, 138TD000	12/85	12/87
	SCUDO COMBINATO	1.9 Diesel		D9B	02/96	
	SCUDO COMBINATO	1.9 Turbo Diesel		D8B	02/96	08/98
	SCUDO COMBINATO	1.9 Turbo Diesel		D8B	09/98	
	SCUDO COMBINATO	1.9 Turbo Diesel ECO		DHX (XUD9TF/L)	02/96	08/98
	SCUDO COMBINATO	1.9 Turbo Diesel ECO		DHX (XUD9TF/L)	09/98	
	STRADA	1.7 Diesel		138B000, 149B3000	10/82	
	STRADA	1.7 Diesel		138B000, 149B3000	10/79	09/82
	TALENTO	1.9 Diesel		149B1000	03/88	12/94
	TIPO	1.7 Diesel		149B4000	07/87	03/93
	TIPO	1.9 Diesel		149A1000, 160A7000	1987	
	TIPO	1.9 Turbo Diesel		149A1000, 160A7000	1987	
	UNO	1.3 Diesel		127A5000, 146B1000	1983	03/92
	UNO	1.4 Turbo Diesel		146B000, 146B3000	1986	09/92
	UNO	1.7 Diesel		149B3000	07/86	03/94
	UNO	1.9 Diesel		160A7000	09/89	03/94
FORD	GRANADA	1.9 Diesel		XD88	03/79	08/82
	GRANADA	2.1 Diesel		XD4-90	09/77	08/82
	GRANADA	2.5 Diesel		XD3	1982	08/85
	TRANSIT 115/120	2.4 Diesel		YORK	1971	
FSO	POLONEZ	1.9 Diesel		XUD9 (Peugeot)	1992	
HONDA	CONCERTO	1.8 Turbo Diesel		XUD7TE Peugeot	10/94	12/95
IVECO	DAILY	2.4 Diesel		Sofim 8140.61	04/78	06/89
	DAILY	2.4 Turbo Diesel		Sofim 8140.61	04/78	06/89
	GRINTA	2.4 Diesel		8140.61	04/78	06/89
JEEP	CHEROKEE	2.1 Turbo Diesel		J8S 890 (Renault)	01/88	01/91
	CHEROKEE	2.1 Turbo Diesel		J8S 814 (Renault)	01/87	01/91
	WRANGLER	2.1 Diesel		J8S (Renault)	07/88	
	XJ CHEROKEE	2.0 Turbo Diesel		J8S (Renault)	04/84	12/87
LANCIA	DEDRA	1.9 Turbo Diesel	8V	835A4.000	1989	09/94
	DELTA	1.9 Turbo Diesel	8V	835A4.000	06/86	06/91
	DELTA	1.9 Turbo Diesel	8V	831D1.000	06/86	06/91
	PRISMA	1.9 Diesel	8V	831D.000	1984	
LANDROVER	110/DEFENDER	2.3 Diesel		10J	1982	
	110/DEFENDER	2.5 Diesel		12J	1985	
	90/DEFENDER	2.3 Diesel		10J	1982	
	90/DEFENDER	2.5 Diesel		12J	1985	
	90/DEFENDER	2.5 Turbo Diesel			1985	
LEYLAND-DAF / LDV	200	2.0 Diesel		Prima 65	1989	
	SHERPA	2.0 Diesel		MDi - PRIMA	1986	
	SHERPA	2.5 Di Diesel		25D	1986	
	SHERPA	2.5 TDi Turbo Diesel			1984	
LONDON TAXIS INT	CJ3	2.1 Diesel		XDP4/90	10/87	
	CJ5	2.1 Diesel		XDP4/90	10/87	
	FL2/R	2.5 Diesel		LANDROVER	08/83	
	FX4S TAXI	2.5 TDi Turbo Diesel		PEUGEOT	1984	
OPEL	ASCONA C	1.6 Diesel		16D	1982	08/88
	ASCONA C	1.6 Diesel		16DA	1987	08/88
	ASTRA	1.7 Diesel		17D, 17DR	10/91	08/94
	FRONTERA	2.3 Turbo Diesel		23DTR	03/92	02/95
	KADETT D	1.6 Diesel		16D	03/82	08/84
	KADETT E	1.6 Diesel		16D	09/84	01/89
	KADETT E	1.6 Diesel		16DA	09/85	01/89
	KADETT E	1.7 Diesel		17D, 17YD	1988	08/91
	OMEGA A	2.3 Diesel		23YD	1986	1994
	OMEGA A	2.3 Turbo Diesel		23YDT	1986	1994
	REKORD	2.3 Diesel		23YD	1982	
	REKORD	2.3 Diesel		23D	1979	
	REKORD	2.3 Turbo Diesel		23YDT	1982	
	SENATOR	2.3 Turbo Diesel		23YDT	11/84	08/87
PEUGEOT	205	1.8 Diesel		XUD7	1984	
	205	1.8 Diesel		XUD7	1985	





LP033 (continued)

PEUGEOT (continued)

205	1.9 Diesel	XUD9	10/87	
304	1.5 Diesel	X1D	1980	
305	1.5 Diesel	X1D	1980	
305	1.8 Diesel	XUD7	1985	
305	1.9 Diesel	XUD9	1983	
305	1.9 Diesel	XUD9	1982	
306	1.8 Diesel	XUD7	05/93	
306	1.9 Diesel	XUD9	03/93	08/98
309	1.8 Diesel	XUD7	06/86	
309	1.8 Turbo Diesel	XUD7T	06/86	
309	1.9 Diesel	XUD9	06/86	
405	1.8 Diesel	XUD7	03/88	12/95
405	1.8 Turbo Diesel	XUD7T	03/88	12/95
405	1.9 Diesel	XUD9A-L	03/88	12/95
504	1.9 Diesel	XD4.88	06/78	06/87
504	2.1 Diesel	XD4.90	06/78	04/81
504	2.1 Diesel	XD4.90	05/81	09/81
504	2.3 Diesel	XD2	06/78	04/81
504	2.3 Diesel	XD2	05/81	09/81
505	2.3 Diesel	XD2	1978	
505	2.3 Diesel	XD2	1982	
505	2.3 Turbo Diesel	XD2T	1982	
505	2.3 Turbo Diesel	XD2T	1978	
505	2.5 Diesel	XD3	09/81	
505	2.5 Turbo Diesel	XD3T	09/81	
604	2.3 Turbo Diesel	XD2S	02/79	06/83
604	2.5 Turbo Diesel	XD3T	07/83	06/86
605	2.1 Diesel	12V XUD11A	06/89	
504 PICK-UP	2.3 Diesel	XD2	07/84	
504 PICK-UP	2.5 Diesel	XD3	07/87	
J5	1.9 Diesel	XUD9A	11/87	
J5	2.5 Diesel	U25/651, CRD93	09/81	06/91
J5	2.5 Diesel	U25/651, CRD93	06/91	
J5	2.5 Turbo Diesel	CRD93LS	06/91	
J5	2.5 Turbo Diesel	CRD93LS	09/81	06/91
J7	2.3 Diesel	XD2P	10/79	09/80
J9	2.1 Diesel	XDP4.90	10/82	
J9	2.3 Diesel	XD2P	10/80	09/82
J9	2.5 Diesel	XD3P	10/82	
J9	2.5 Diesel	XD3P	10/80	09/82

RENAULT

ESPACE MPV	2.1 Turbo Diesel	J8S-240	10/84	
FUEGO	2.1 Turbo Diesel	J8S	10/82	07/84
MASTER	2.1 Diesel	J8S	09/80	
MASTER	2.4 Diesel	S8V-731, S8V-742	05/85	
MASTER	2.4 Diesel	Sofim 8140.61	09/80	11/90
MASTER	2.5 Diesel	8140.27	06/82	
MASTER	2.5 Diesel	8140.67	09/80	11/90
R18	2.1 Diesel	J8S 852	08/80	04/81
R18	2.1 Diesel	J8S	05/81	02/86
R18	2.1 Turbo Diesel	J8S 852	05/81	02/86
R20	2.1 Diesel	J8S 852	05/81	12/83
R20	2.1 Turbo Diesel	J8S	05/81	12/83
R21	1.9 Diesel	F8Q	09/89	02/91
R21	2.1 Diesel	J8S	03/86	
R21	2.1 Turbo Diesel	J8S	03/86	
R25	2.1 Turbo Diesel	J8S	01/84	12/92
R30	2.1 Diesel	J8S	10/81	02/83
R30	2.1 Turbo Diesel	J8S	10/81	02/83
SAFRANE	2.1 Turbo Diesel	J8S	04/92	
TRAFIC	2.1 Diesel	852.720	1981	
TRAFIC	2.1 Diesel	852.750	1981	
TRAFIC	2.5 Diesel	Sofim 8140.67	03/90	
TRAFIC	2.5 Diesel	8144.67	1980	
TRAFIC	2.5 Diesel	8144.67	1980	

ROVER GROUP

218	1.8 Turbo Diesel	XUD7TE (Peugeot)	1991	
218	1.9 Diesel	XUD9A, L, Y Peugeot	1991	
418	1.8 Turbo Diesel	XUD7TE (Peugeot)	1991	
418	1.9 Diesel	XUD9A, L, Y (Peugeot)	1991	
825	2.5 Diesel	VM 425	09/91	04/95
MAESTRO	2.0 Diesel	MDi Prima	1990	
MAESTRO	2.0 Diesel	MDi PRIMA 80T Perkins	1986	
MAESTRO	2.0 Turbo Diesel	MDi Prima 80T Perkins	1990	
MONTEGO	2.0 Diesel	PRIMA 80T Perkins	1986	
MONTEGO	2.0 Turbo Diesel	MDi PRIMA 80T Perkins	1988	

SEAT

131	2.4 Diesel	8144.61 Sofim	06/82	12/84
132	2.2 Diesel	615969 Mevosa	09/74	05/82
IBIZA	1.7 Diesel	138A5000 (Fiat)	06/84	04/93



LP033 (continued)

SUZUKI	SAMURAI	1.9 TD Turbo Diesel	XUD9		11/98
TALBOT	EXPRESS	1.9 Diesel	XUD9 Peugeot		1987
	EXPRESS	2.5 Diesel	CRD93		1982
	EXPRESS	2.5 Turbo Diesel	CRD93T		1982
	HORIZON	1.9 Diesel	XUD9 Peugeot		1982
	SOLARA	1.9 Diesel	XUD9 Peugeot		1984
	TAGORA	2.3 Turbo Diesel	XD2S Peugeot		1980
VAUXHALL	ASTRA MKII	1.6 Diesel	16DA		1986 01/89
	ASTRA MKII	1.6 Diesel	16D		1982
	ASTRA MKII	1.7 Diesel	17D		02/89 08/94
	ASTRA MKII	1.7 Diesel	17DR		02/89 08/94
	ASTRA VAN	1.6 Diesel	16DA		1986
	ASTRA VAN	1.6 Diesel	16D		1982
	ASTRA VAN	1.7 Diesel	17D		1988
	ASTRAMAX	1.7 Diesel	17D		1989
	BELMONT	1.6 Diesel	16DA		1986 01/89
	BELMONT	1.6 Diesel	16D		1986
	BELMONT	1.7 Diesel	17DR		02/89 08/91
	BELMONT	1.7 Diesel	17D		02/89 08/91
	CARLTON	2.3 Diesel	23D		1982
	CARLTON	2.3 Diesel	23YD		1982
	CARLTON	2.3 Turbo Diesel	23YDT		1991
	CARLTON	2.3 Turbo Diesel	23DTR		1991
	CAVALIER FWD	1.6 Diesel	16D		1982 08/88
	CAVALIER FWD	1.6 Diesel	16DA		1987 08/88
	CAVALIER FWD	1.7 Diesel	17D		1988 08/95
	CAVALIER FWD	1.7 Diesel	17DR		1988 08/95
	CF	2.0 Diesel	20D		1977
CF	2.3 Diesel	23D		09/80	

LP034

ALFA	145	1.9 Turbo Diesel	160A7, AR67501, M718AT.160		04/94 10/96
	146	1.9 Turbo Diesel	160A7, AR67501, M718AT.160		02/95 10/96
	155	1.9 Turbo Diesel	160A7, AR 67.501, M718AT.160		04/93 12/97
	155	2.5 Turbo Diesel	VM 425		04/93 05/95
	164	2.5 Turbo Diesel	VM 08B		09/92 05/95
	164	2.5 Turbo Diesel	VM 425		04/93 05/95
CHRYSLER	GRAND VOYAGER MPV	2.5 Turbo Diesel	VM HR425		04/92 04/95
	VOYAGER MPV	2.5 Turbo Diesel	VM HR492		04/92 04/95
	VOYAGER MPV	2.5 Turbo Diesel	VM HR425		04/92 04/95
CITROEN	BERLINGO	1.8 Diesel	XUD7		07/96 08/98
	BERLINGO MULTISPACE	1.9 Diesel	XUD9		07/96 08/98
	DISPATCH VAN	1.9 Diesel	XUD9		1996 08/98
	DISPATCH VAN	1.9 Turbo Diesel	XUD9TE, F		03/94 08/98
	EVASION	1.9 Turbo Diesel	XUD9TE, XUD9TF		10/94 08/98
	EVASION	2.1 Turbo Diesel	XUD11BTE		05/96 08/98
	JUMPER	1.9 Diesel	XUD9, XUD9A		02/94 08/98
	JUMPER	1.9 Turbo Diesel	XUD9ATE, L, Y, TF		02/94 08/98
	JUMPER	2.5 Diesel	DJ5	12V	02/94 08/98
	JUMPER	2.5 TDi Turbo Diesel	DJ5TED	8V	02/94 08/96
	JUMPY	1.9 Diesel	XUD9, XUD9A		02/94
	JUMPY	1.9 Turbo Diesel	XUD9ATE, L, Y, TF		02/94
	RELAY	1.9 Diesel	XUD9, XUD9A		02/94 08/98
	RELAY	1.9 Turbo Diesel	XUD9TE		02/94 08/98
	RELAY	2.5 Diesel	DJ5		02/94 08/98
	RELAY	2.5 Turbo Diesel	DJ5T		02/94 08/96
	SYNERGIE MPV	1.9 Turbo Diesel	XUD9TE, F		10/94 08/98
	SYNERGIE MPV	2.1 Turbo Diesel	XUD11BTE		04/96 08/98
	XANTIA	1.9 Diesel	XUD9		02/96 08/98
	XANTIA	1.9 Turbo Diesel	XUD9A		02/96
	XANTIA	1.9 Turbo Diesel	XUD9TF		03/93 08/98
	XANTIA	1.9 Turbo Diesel	XUD9TE		03/93 08/98
	XANTIA	2.1 Turbo Diesel	XUD11BTE	8V	05/95 08/98
	XM	2.1 Turbo Diesel	XUD11ATE, BTE	12V	05/89 08/98
	XM	2.5 Turbo Diesel	DK5ATE	12V	07/94
	XSARA	1.8 Diesel	XUD7		09/97 08/98
	XSARA	1.9 Diesel	XUD9A, L, Y		09/97
XSARA	1.9 Turbo Diesel	XUD9TE/L, Y		09/97 08/98	
XSARA COUPE	1.9 Diesel	XUD9A		02/98 09/00	
ZX	1.9 Diesel	XUD9L		03/91	
ZX	1.9 Turbo Diesel	XUD9TE, XUD9TF		09/92 08/98	
FIAT	BRAVA	1.9 Diesel	160A7000		09/95 03/96
	BRAVO	1.9 Diesel	160A7000		09/95 03/96
	CROMA	2.5 Diesel	8144.97		03/89 12/96
	CROMA	2.5 Turbo Diesel	8144.97		03/89 12/92
	DUCATO	1.9 Diesel	XUD9 (Peugeot)		1999
	DUCATO	1.9 Turbo Diesel	149A1000		1994
	FIORINO	1.7 Turbo Diesel	146D7000, M705BA		02/97



LP034 (continued)

FIAT (continued)

	MARENGO	1.9 Diesel		160A7000	01/92	
	MARENGO	1.9 Diesel		149A1000	01/86	07/89
	MARENGO	1.9 Turbo Diesel		160A6000	01/92	12/96
	PALIO WEEKEND	1.7 Turbo Diesel		M705BA, M708AT	04/96	
	PUNTO	1.7 Turbo Diesel		176A, M705BA	06/93	09/96
	SCUDO	1.9 Diesel		XUD9, XUD9A (Peugeot)	03/96	
	SCUDO	1.9 Turbo Diesel		XUD9TE (Peugeot)	03/96	08/98
	TEMPRA	1.9 Diesel		160A6000	02/90	09/96
	TEMPRA	1.9 Turbo Diesel		M718AT, 160A7000	02/90	09/96
	TEMPRA	1.9 Turbo Diesel		160D1000	06/93	
	TIPO	1.9 Turbo Diesel		160A6000, 160D1000	06/93	
	ULYSSE MPV	1.9 Turbo Diesel		XUD9TE, XUD9TF, XUD9TU	09/94	
	ULYSSE MPV	2.1 Turbo Diesel	12V	XUD11ATE (Peugeot)	05/96	
FORD	SIERRA INCL. SAPPHIRE	2.3 Diesel		XD2 Peugeot	1982	02/90
JEEP	CHEROKEE	2.5 Turbo Diesel		VM HR425 CLIRX	10/94	
	CHEROKEE	2.5 Turbo Diesel		VM HR425	10/94	
	GRAND CHEROKEE	2.5 Turbo Diesel		VM HR492	01/93	
	GRAND CHEROKEE	2.5 Turbo Diesel		VM HR425	01/93	
LADA	NIVA	1.9 Diesel		XUD9 (Peugeot)	09/94	
LANCIA	DEDRA	1.9 Turbo Diesel	8V	160D.000	10/94	
	DELTA	1.9 Turbo Diesel	8V	160D1.000	10/94	
	PRISMA	1.9 Turbo Diesel		831A1000, 138C2.048	1984	
	THEMA	2.5 Turbo Diesel	8V	8144.97	11/84	12/92
	ZETA	1.9 Turbo Diesel		XUD9TE Peugeot	04/95	
	ZETA	2.1 Turbo Diesel		XUD11ATE Peugeot	05/96	
LANDROVER	RANGE ROVER	2.5 Turbo Diesel		VM 2.5	1989	
LEYLAND-DAF / LDV	400	2.5 Diesel		XD3 (Peugeot)	1989	
	400	2.5 Turbo Diesel		XD3T (Peugeot)	1989	
MERCEDES	SPRINTER 212D	2.9 TDi Turbo Diesel		OM602.980.10 DE LA to eng no 9849	04/95	
	SPRINTER 212D	2.9 TDi Turbo Diesel		OM602.980.12 DE LA to eng no 136	04/95	
	SPRINTER 312D	2.9 TDi Turbo Diesel		OM602.980.10 DE LA to eng no 9849	04/95	
	SPRINTER 312D	2.9 TDi Turbo Diesel		OM602.980.12 DE LA to eng no 136	04/95	
	SPRINTER 412D	2.9 TDi Turbo Diesel		OM602.980.12 DE LA to eng no 136	04/95	
	SPRINTER 412D	2.9 TDi Turbo Diesel		OM602.980.10 DE LA to eng no 9849	04/95	
OPEL	ASTRA	1.7 Turbo Diesel		X17DTL ECO-TD Low Pressure Tur	10/94	
	ASTRA G	1.7 Turbo Diesel		X17DTL ECO-TD Low Pressure Tur	02/98	08/00
	COMBO	1.7 Turbo Diesel		X17DTL (GM Low-Blow)	1993	
	FRONTERA	2.3 Turbo Diesel		23YDT	10/91	
	KADETT E	1.7 Diesel		17DR	02/89	08/91
	OMEGA A	2.3 Turbo Diesel		23DTR	09/88	01/94
	VECTRA A	1.7 Diesel		17D	10/88	05/93
PEUGEOT	205	1.8 Turbo Diesel		XUD7T	07/85	
	306	1.9 Turbo Diesel		XUD9TE, XUD7TF	03/93	08/98
	405	1.9 Turbo Diesel		XUD9TE, XUD9TF	09/93	12/95
	406	1.9 Turbo Diesel		XUD9TE, XUD9TF	10/95	08/98
	406	2.1 Turbo Diesel	12V	XUD11ATE	10/95	08/98
	605	2.1 Turbo Diesel		XUD11ATE	06/89	08/98
	605	2.5 Turbo Diesel		DK5ATE	07/94	
	806 MPV	1.9 Turbo Diesel		XUD9TE, XUD9TF	07/94	08/98
	806 MPV	2.1 Turbo Diesel	12V	XUD11ATE	05/96	08/98
	806 MPV	2.1 Turbo Diesel	12V	XUD11BTE	05/96	08/98
	BOXER	1.9 Diesel		XUD9AU	03/94	08/98
	BOXER	1.9 Turbo Diesel		XUD9TFU	03/94	08/98
	BOXER	1.9 Turbo Diesel		XUD9TE	08/94	08/98
	BOXER	2.5 Diesel	12V	DJ5	03/94	
	BOXER	2.5 Turbo Diesel	12V	DJ5T, DK5ATE	03/94	
	EXPERT	1.9 Diesel		XUD9	09/95	08/98
	EXPERT	1.9 Turbo Diesel		XUD9TE	09/95	08/98
	PARTNER	1.8 Diesel		XUD7	08/96	09/98
	PARTNER	1.9 Diesel		XUD9A	08/96	08/98
ROVER GROUP	825	2.5 Turbo Diesel		VM 425	01/93	04/95
SUZUKI	BALENO	1.9 Turbo Diesel		XUD9TE (Peugeot)	04/98	
	VITARA	1.9 Turbo Diesel		XUD9T (Peugeot)	05/96	
VAUXHALL	ASTRA MKIII	1.7 Turbo Diesel		X17DTL ECO-TD Low Pressure Turbo	10/94	1998
	ASTRA VAN	1.7 Turbo Diesel		X17DTL ECO-TD Low Pressure Turbo	1994	
	COMBO	1.7 Turbo Diesel		X17DTL (GM Low-Blow)	1993	
	FRONTERA	2.3 Turbo Diesel		23YDT	10/91	

LP035

BMW	3 SERIES (E30)	324TD		M21-D24WA	09/87	06/93
	3 SERIES (E36)	318TDS		M41D18 (inter)	09/94	02/98
	3 SERIES (E36)	325TDS		M51D25 (inter)	1990	09/96
	3 SERIES COMPACT (E36)	318TDS		M41-D18	01/95	08/00
	5 SERIES (E34)	524TD		M21-D24WA	03/88	08/91
	5 SERIES (E34)	525TD		M51-D25WA	1992	12/95
	5 SERIES (E39)	525TD		M51-D25WA	01/96	06/03
	7 SERIES (E38)	725TDS		M51-D25WA	4/96	11/01



LP035 (continued)

FIAT	CROMA	2.5 Diesel		8144.97	01/93	12/93
	DUCATO	1.9 Diesel		149A1000	03/94	
	DUCATO	1.9 Turbo Diesel			03/94	
LANCIA	THEMA	2.5 Turbo Diesel	8V	8144.97	01/93	12/93
LANDROVER	RANGE ROVER	2.5 Turbo Diesel		M51 D25 BMW	11/94	
OPEL	OMEGA B	2.5 Turbo Diesel	12V	U25TD, X25TD BMW M51D	1995	
RENAULT	MASTER	2.5 Diesel		Sofim	01/81	12/85
	SAFRANE	2.5 Turbo diesel		8144.97.2400/1400, S8U Sofim	05/93	
VAUXHALL	OMEGA	2.5 Turbo Diesel		U25TD, X25TD	04/94	

LP036

CITROEN	BERLINGO	1.8 Diesel		XUD7	09/98	
	BERLINGO MULTISPACE	1.8 Diesel		XUD7	07/98	
	BERLINGO MULTISPACE	1.9 Diesel		XUD9	09/98	
	C15D	1.8 Diesel		XUD7	09/98	
	DISPATCH VAN	1.9 Diesel		XUD9	08/98	
	DISPATCH VAN	1.9 Turbo Diesel		XUD9TE, F	09/98	
	EVASION	1.9 Turbo Diesel		XUD9TE, XUD9TF	09/98	
	EVASION	2.1 Turbo Diesel		XUD11BTE	09/98	
	JUMPER	1.9 Diesel		XUD9, XUD9A	09/98	
	JUMPER	2.5 Diesel	12V	DJ5	09/98	
	RELAY	1.9 Diesel		XUD9, XUD9A	09/98	
	RELAY	1.9 Turbo Diesel		XUD9TE	09/98	
	RELAY	2.5 Diesel		DJ5	09/98	
	SYNERGIE MPV	1.9 Turbo Diesel		XUD9TE, F	09/98	
	SYNERGIE MPV	2.1 Turbo Diesel		XUD11BTE	09/98	
	XANTIA	1.9 Diesel		XUD9	09/98	
	XANTIA	1.9 Turbo Diesel		XUD9TF	09/98	
	XANTIA	1.9 Turbo Diesel		XUD9TE	09/88	
	XANTIA	2.1 Turbo Diesel	8V	XUD11BTE	09/98	
	XM	2.1 Turbo Diesel	12V	XUD11ATE, BTE	09/98	
XSARA	1.8 Diesel		XUD7	09/98		
XSARA	1.9 Diesel		XUD9BSD	09/98		
XSARA	1.9 Turbo Diesel		XUD9TE/L, Y	09/98		
XSARA COUPE	1.9 Turbo Diesel		XUD9TE/L, Y	02/98		
ZX	1.9 Turbo Diesel		XUD9TE, XUD9TF	09/98		
FIAT	SCUDO	1.9 Turbo Diesel		XUD9TE (Peugeot)	09/98	
JEEP	CHEROKEE	2.1 Turbo Diesel		J8S 890 (Renault)	02/91	
	CHEROKEE	2.1 Turbo Diesel		J8S 814 (Renault)	02/91	08/94
PEUGEOT	306	1.9 Diesel		XUD9	09/98	
	306	1.9 Turbo Diesel		XUD9TE, XUD7TF	09/98	
	406	1.9 Turbo Diesel		XUD9TE, XUD9TF	09/98	
	406	2.1 Turbo Diesel	12V	XUD11ATE	09/98	
	605	2.1 Turbo Diesel		XUD11ATE	09/98	
	806 MPV	1.9 Turbo Diesel		XUD9TE, XUD9TF	09/98	
	806 MPV	2.1 Turbo Diesel	12V	XUD11ATE	09/98	
	806 MPV	2.1 Turbo Diesel	12V	XUD11BTE	09/98	
	BOXER	1.9 Diesel		XUD9AU	09/98	
	BOXER	1.9 Turbo Diesel		XUD9TFU	09/98	
	BOXER	1.9 Turbo Diesel		XUD9TE	09/98	
	EXPERT	1.9 Diesel		XUD9	09/98	
	EXPERT	1.9 Turbo Diesel		XUD9TE	09/98	
	PARTNER	1.8 Diesel		XUD7	09/98	
	PARTNER	1.9 Diesel		XUD9A	09/98	
RENAULT	CLIO	1.9 Diesel		F8Q 730	03/91	
	R19 INCL. CHAMADE	1.9 Diesel		F8Q	03/91	
	R21	1.9 Diesel		F8Q	03/91	
VAUXHALL	ARENA	2.5 Turbo Diesel		8140-672 (Renault)	1997	

LP037

CITROEN	AX	1.5 Diesel		TUD5	1994	12/97
	BERLINGO	1.9 Diesel	8V	DW8	09/98	
	BERLINGO MULTISPACE	1.9 Diesel	8V	DW8	09/98	
	C15D	1.9 Diesel			12/00	
	C25D	1.9 Turbo Diesel		M705	04/92	02/94
	DISPATCH VAN	1.9 Diesel		DW8	09/98	
	JUMPY	1.9 Diesel	8V	DW8	09/98	
	SAXO	1.5 Diesel		TUD5	09/96	
	SAXO	1.5 Diesel		TUD5	09/96	
	XSARA	1.5 Diesel		TUD5	10/97	
	XSARA	1.9 Diesel	8V	DW8	04/98	
	XSARA COUPE	1.9 Diesel	8V	DW8	07/98	
	ZX	1.5 Diesel		TUD5	1997	
FIAT	SCUDO	1.8 Diesel		DW8 (WJZ)(Peugeot)	09/98	
	SCUDO COMBINATO	1.9 Diesel		WJZ (DW8)	04/98	
LADA	SAMARA	1.5 Diesel		TUD5 Peugeot	01/95	
NISSAN	MICRA	1.5 Diesel		TUD5 (Peugeot)	1998	



LP037 (continued)

PEUGEOT	106	1.5 Diesel		TUD5	03/94
	106	1.5 Diesel			1995
	206	1.9 Diesel	8V	DW8	07/98
	306	1.9 Diesel	8V	DW8	04/98
	106 II	1.5 Diesel		VJY/VJX (TUD5)	05/96
	EXPERT	1.9 Diesel	8V	DW8	07/98
	PARTNER	1.9 Diesel	8V	DW8	07/98
ROVER GROUP	115	1.5 Diesel		TUD5 (Peugeot)	03/95

LP038

ALFA	145	1.9 Turbo Diesel		160A7, AR67501, M718AT.160	11/96	02/99
	146	1.9 Turbo Diesel		160A7, AR67501, M718AT.160	11/96	02/99
FIAT	BRAVA	1.9 Turbo Diesel		182A8000, M720AT19T	04/96	
	BRAVA	1.9 Turbo Diesel		182A7000	04/96	
	BRAVO	1.9 Turbo Diesel		182A8000, M720AT19T	04/96	
	BRAVO	1.9 Turbo Diesel		182A7000	04/96	
	MAREA	1.9 Turbo Diesel		182A7, 182A8, M720AT19T	09/96	
	MAREA	2.4 Turbo Diesel		185A2000, M717AT24T	09/96	
	MARENCO	1.9 Turbo Diesel		160A6000	01/97	
	PUNTO	1.7 Turbo Diesel		M705BA, M708AT	10/96	
LANCIA	DELTA	1.9 Turbo Diesel			10/96	
	KAPPA	2.4 Turbo Diesel	10V	838A3.000	1996	

LP039

MERCEDES	C-CLASS (202)	C220 Diesel	16V	OM604.910	07/93
	C-CLASS (202)	C250 Diesel	20V	OM605.910	07/93
	E-CLASS (124)	E250 Diesel		OM605.911	07/93

LP040

MERCEDES	C-CLASS (202)	C200 Diesel	16V	OM604.915	10/96
	C-CLASS (202)	C220 Diesel	16V	OM604.910	07/93
	C-CLASS (202)	C250 Diesel	20V	OM605.910	07/93
	C-CLASS (202)	C250 Turbo Diesel		OM605.960	07/93
	E-CLASS (124)	E250 Diesel		OM605.911	07/93
	E-CLASS (124)	E300 Diesel	24V	OM606.910	03/95
	E-CLASS (210)	E200 Diesel		OM604.917	01/96
	E-CLASS (210)	E220 Diesel	16V	OM604.912	03/95
	E-CLASS (210)	E250 Diesel	20V	OM605.912	03/95
	E-CLASS (210)	E250 Turbo Diesel		OM602	07/93
	E-CLASS (210)	E300 Diesel		OM606.912	03/95
	E-CLASS (210)	E300 Turbo Diesel		OM606.962	12/96
	S-CLASS (140)	300 Turbo Diesel		OM606.961	05/96

LP041

HONDA	ACCORD	2.0 TDi Turbo Diesel		L20SDi Rover	03/99	12/02
	CIVIC	2.0 Turbo Diesel		L20SDi	10/97	
LANDROVER	FREELANDER	2.0 TDi Turbo Diesel		L20SDi	1998	
MG ROVER	MG ZR	2.0 TDi Turbo Diesel			2001	2005
	MG ZS	2.0 TDi Turbo Diesel			2002	2005
RENAULT	ESPACE MPV	2.2 Turbo Diesel	12V	G8T	10/96	
	LAGUNA	2.2 Diesel	12V	G8T 706, 790	1993	
	LAGUNA	2.2 Turbo Diesel	12V	G8T-760	1993	
	SAFRANE	2.2 Turbo Diesel		G8T	10/96	
ROVER GROUP	25	2.0 Turbo Diesel		20T2N	11/99	2005
	45	2.0 Turbo Diesel		20T2N	11/99	2005
	220	2.0 Turbo Diesel		20T2N	01/95	
	220	2.0 Turbo Diesel		20T2R	11/95	
	420	2.0 Turbo Diesel		L20SDi	1996	
	420	2.0 Turbo Diesel		20T2N	1996	
	420	2.0 Turbo Diesel		20T2R	11/95	
	620	2.0 Turbo Diesel		20T2N	01/95	
	620	2.0 Turbo Diesel		L20SDi	01/95	

LP042

RENAULT	CLIO	1.9 Diesel		F8Q 676	10/94
	EXPRESS	1.9 Diesel		F8Q 640	09/94
	EXTRA	1.9 Diesel		F8Q 640	09/94
	MEGANE	1.9 Diesel		F8Q 620	01/96

LP043

ALFA	155	2.5 Turbo Diesel		VM 425	05/95	12/97
	164	2.5 Turbo Diesel		VM 425	05/95	09/98
CHRYSLER	GRAND VOYAGER MPV	2.5 Turbo Diesel		VM HR425	05/95	
	VOYAGER MPV	2.5 Turbo Diesel		VM HR425	05/95	
FORD	SCORPIO	2.5 Turbo Diesel		SCB, VM	01/95	
JEEP	CHEROKEE	2.5 Turbo Diesel		VM HR425 CLIRX	05/95	
	GRAND CHEROKEE	2.5 Turbo Diesel		VM HR425 CLIRX	1996	
	GRAND CHEROKEE	2.7 CRD Diesel		ENF (VM)	10/01	



LP043 (continued)

JEEP (continued)

	GRAND CHEROKEE	3.1 Turbo Diesel	EXA (VM)	04/99	
OPEL	FRONTERA	2.5 TDS Turbo Diesel	VM41B	09/96	
ROVER GROUP	825	2.5 Turbo Diesel	HR 924	05/95	
	825	2.5 Turbo Diesel	VM 425	05/95	
VAUXHALL	FRONTERA	2.5 Turbo Diesel	25TD VENTURI	09/96	

LP044

MITSUBISHI	GALANT	2.3 Turbo Diesel	4D55T	01/80	12/84
	L300 VAN	2.5 Diesel	4D56	1990	
	L300 VAN	2.5 Turbo Diesel	4D56T	1987	
	MONTERO	2.3 Diesel	4D55	05/82	11/82
	MONTERO	2.5 Turbo Diesel	4D56T	1982	
	PAJERO	2.3 Diesel	4D55	01/83	12/84
	PAJERO	2.5 Turbo Diesel	4D56T	1982	
	SHOGUN	2.3 Diesel	4D55	05/82	11/82

LP045

MERCEDES	511	4.0 Diesel	OM364LA	04/95	
	611	4.0 Diesel	OM364LA	04/95	
	711	4.0 Diesel	OM364LA	04/95	
	714	4.0 Diesel	OM364LA	04/95	
	811	4.0 Diesel	OM364LA	04/95	
	814	4.0 Diesel	OM364LA	04/95	
	E-CLASS (210)	E290 TDi Turbo Diesel	OM602.982	06/95	
	SPRINTER 212D	2.9 TDi Turbo Diesel	OM602.980.10 DE LA from eng no 9850	04/95	
	SPRINTER 212D	2.9 TDi Turbo Diesel	OM602.980.12 DE LA from eng no 137	04/95	
	SPRINTER 312D	2.9 TDi Turbo Diesel	OM602.980.10 DE LA from eng no 9850	04/95	
	SPRINTER 312D	2.9 TDi Turbo Diesel	OM602.980.12 DE LA from eng no 137	04/95	
	SPRINTER 412D	2.9 TDi Turbo Diesel	OM602.980.12 DE LA from eng no 137	04/95	
	SPRINTER 412D	2.9 TDi Turbo Diesel	OM602.980.10 DE LA from eng no 9850	04/95	

LP046

AUDI	80	1.9 TDi Turbo Diesel	8V 1Z 90bhp	10/91	12/94
	A3	1.9 TDi Turbo Diesel	8V AGR 90bhp	09/96	07/01
	A3	1.9 TDi Turbo Diesel	8V ALH 90bhp	09/96	07/01
	A3	1.9 TDi Turbo Diesel	8V AHF 110bhp	09/96	07/01
	A3	1.9 TDi Turbo Diesel	8V ASV 110bhp	08/97	07/01
	A3	1.9 TDi Turbo Diesel	8V ATD 100bhp	10/00	05/03
	A3	1.9 TDi Turbo Diesel	8V AXR 100bhp	10/00	05/03
	A3	1.9 TDi Turbo Diesel	ASZ 130bhp PD	08/00	05/03
	A4	1.9 TDi Turbo Diesel	AFN 110bhp	11/94	11/00
	A4	1.9 TDi Turbo Diesel	AVG 110bhp	09/96	11/00
	A4	1.9 TDi Turbo Diesel	8V AHU 90bhp	08/96	12/98
	A4	1.9 TDi Turbo Diesel	8V 1Z 90bhp	01/95	11/00
	A4	1.9 TDi Turbo Diesel	8V AHH 90bhp	1999	11/00
	A4	1.9 TDi Turbo Diesel	AJM 115bhp PD	08/98	11/00
	A4	1.9 TDi Turbo Diesel	ATJ 115bhp PD	08/98	11/00
	A4	1.9 TDi Turbo Diesel	AWX 130bhp PD	09/01	12/04
	A4	1.9 TDi Turbo Diesel	AVF 130bhp	11/01	12/04
	A4 QUATTRO	1.9 TDi Turbo Diesel	AVF 130bhp PD	11/01	12/04
	A6	1.9 TDi Turbo Diesel	8V AHU 90bhp	7/94	02/97
	A6	1.9 TDi Turbo Diesel	8V 1Z 90bhp	7/94	02/97
	A6	1.9 TDi Turbo Diesel	8V AJM 115bhp PD	12/95	01/05
	A6	1.9 TDi Turbo Diesel	8V AVF 130bhp PD	12/95	01/05
	A6	1.9 TDi Turbo Diesel	8V AFN 110bhp	12/95	01/05
A6	1.9 TDi Turbo Diesel	8V AWX 130bhp PD	7/01	01/05	
CABRIOLET	1.9 TDi Turbo Diesel	1Z/AHU 90bhp			
FORD	GALAXY MPV	1.9 TDi Turbo Diesel	ANU 90bhp PD	03/95	09/01
	GALAXY MPV	1.9 TDi Turbo Diesel	AUY 115bhp PD	03/95	09/01
	GALAXY MPV	1.9 TDi Turbo Diesel	AHU 90bhp	02/95	
	GALAXY MPV	1.9 TDi Turbo Diesel	AFN 110bhp	02/95	
	GALAXY MPV	1.9 TDi Turbo Diesel	1Z 90bhp	02/95	
SEAT	ALHAMBRA MPV	1.9 TDi Turbo Diesel	AHU 90bhp	04/95	
	ALHAMBRA MPV	1.9 TDi Turbo Diesel	1Z 90bhp	04/95	
	ALHAMBRA MPV	1.9 TDi Turbo Diesel	AFN 110bhp	11/96	
	ALHAMBRA MPV	1.9 TDi Turbo Diesel	AUY 115bhp PD	06/00	
	ALHAMBRA MPV	1.9 TDi Turbo Diesel	ANU 90bhp PD	06/00	
	AROSA	1.4 TDi Turbo Diesel	AMF 75bhp PD	1999	10/01
	CORDOBA	1.9 SDi Diesel	AEF 64bhp	12/95	2003
	CORDOBA	1.9 SDi Diesel	AEY 64bhp	12/95	2003
	CORDOBA	1.9 TDi Turbo Diesel	1Z 90bhp	07/96	2003
	CORDOBA	1.9 TDi Turbo Diesel	AFN 110bhp	03/97	2003
	CORDOBA	1.9 TDi Turbo Diesel	AGR 90bhp	05/99	2003
	CORDOBA	1.9 TDi Turbo Diesel	AHU 110bhp	03/97	2003
	CORDOBA	1.9 TDi Turbo Diesel	ALH 90bhp	05/99	2003
	CORDOBA	1.9 TDi Turbo Diesel	ASK 110bhp	05/99	2003
	CORDOBA VARIO	1.9 SDi Diesel	AEY 64bhp	06/97	





LP046 (continued)

SEAT (continued)

CORDOBA VARIO	1.9 TDi Turbo Diesel	AGR 90bhp	05/99	
CORDOBA VARIO	1.9 TDi Turbo Diesel	ALH 90bhp	05/99	
CORDOBA VARIO	1.9 TDi Turbo Diesel	ASV 110bhp	05/99	
CORDOBA VARIO	1.9 TDi Turbo Diesel	AHU 110bhp	06/97	
IBIZA	1.9 SDi Diesel	AEY 64bhp	1996	1999
IBIZA	1.9 SDi Diesel	AEF 64bhp	1996	1999
IBIZA	1.9 TDi Turbo Diesel	AHU 90bhp	07/96	1999
IBIZA	1.9 TDi Turbo Diesel	ALH 90bhp PD	07/96	1999
IBIZA	1.9 TDi Turbo Diesel	1Z 90bhp	07/96	1999
IBIZA	1.9 TDi Turbo Diesel	AFN 110bhp	03/97	1999
IBIZA	1.9 TDi Turbo Diesel	ASV 110bhp	05/99	1999
IBIZA	1.9 TDi Turbo Diesel	ASK 110bhp	08/99	1999
IBIZA	1.9 TDi Turbo Diesel	AGR 90bhp	05/99	1999
INCA	1.9 TDi Turbo Diesel	AHU 90bhp	09/96	
LEON	1.9 TDi Turbo Diesel	AHF 110bhp	12/99	2005
LEON	1.9 TDi Turbo Diesel	AGR 90bhp	12/99	2005
LEON	1.9 TDi Turbo Diesel	ALH 90bhp	12/99	2005
LEON	1.9 TDi Turbo Diesel	ASV 110bhp	12/99	2005
TOLEDO	1.9 TDi Turbo Diesel	1Z 90bhp	08/96	2007
TOLEDO	1.9 TDi Turbo Diesel	AFN 110bhp	11/96	2007
TOLEDO	1.9 TDi Turbo Diesel	AHU 90bhp	06/96	2007
TOLEDO	1.9 TDi Turbo Diesel	AHF 110bhp	10/98	2007
TOLEDO	1.9 TDi Turbo Diesel	AGR 90bhp	04/99	2007
TOLEDO	1.9 TDi Turbo Diesel	ALH 90bhp03/99	2007	
TOLEDO	1.9 TDi Turbo Diesel	ASV 110bhp	12/99	2007

SKODA

FABIA	1.9 TDi Turbo Diesel	8V ATD 100bhp PD	10/00	2007
OCTAVIA	1.9 TDi Turbo Diesel	AGR 90bhp	07/96	2004
OCTAVIA	1.9 TDi Turbo Diesel	AHF 110bhp	07/96	2004
OCTAVIA	1.9 TDi Turbo Diesel	ALH 90bhp	1997	2004
OCTAVIA	1.9 TDi Turbo Diesel	8V ATD 100bhp PD	10/00	2004

VOLKSWAGEN

BORA (1JZ)	1.9 TDi Turbo Diesel	AGR 90bhp	09/98	2005
BORA (1JZ)	1.9 TDi Turbo Diesel	ALH 90bhp	09/98	2005
BORA (1JZ)	1.9 TDi Turbo Diesel	AHF 110bhp	09/98	2005
BORA (1JZ)	1.9 TDi Turbo Diesel	AJM 115bhp PD	09/98	2005
BORA (1JZ)	1.9 TDi Turbo Diesel	ATD 101bhp PD	11/01	2005
BORA (1JZ)	1.9 TDi Turbo Diesel	AXR 101bhp PD	11/01	2005
BORA (1JZ)	1.9 TDi Turbo Diesel	ASV 110bhp	09/98	2005
BORA (1JZ)	1.9 TDi Turbo Diesel	ASZ 130bhp PD	05/99	09/01
BORA (1JZ)	1.9 TDi Turbo Diesel	ARL 150bhp PD	05/99	09/01
BORA (1JZ)	1.9 TDi Turbo Diesel	AUY 115bhp PD	05/99	2005
CADDY II	1.9 TDi Turbo Diesel	ALE 90bhp	09/96	2005
CADDY II	1.9 TDi Turbo Diesel	AHU 90bhp	09/96	2005
GOLF CABRIOLET	1.9 TDi Turbo Diesel	1Z 90bhp	08/95	07/96
GOLF CABRIOLET	1.9 TDi Turbo Diesel	AFN 110bhp	03/94	
GOLF CABRIOLET	1.9 TDi Turbo Diesel	ALE 90bhp	04/97	
GOLF CABRIOLET	1.9 TDi Turbo Diesel	AHU 90bhp	03/94	
GOLF III (1HX, 1E)	1.9 TDi Turbo Diesel	1Z 90bhp	1994	1998
GOLF III (1HX, 1E)	1.9 TDi Turbo Diesel	AHU 90bhp	03/94	1998
GOLF III (1HX, 1E)	1.9 TDi Turbo Diesel	AFN 110bhp	03/94	1998
GOLF IV (1J)	1.9 TDi Turbo Diesel	1Z 90bhp	1998	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel	ALH 90bhp	07/97	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel	AGR 90bhp	07/97	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel	ALE 90bhp	05/97	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel	AHF 110bhp	07/97	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel	AJM 115bhp PD	07/97	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel	AUY 115bhp PD	01/00	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel	ASV 110bhp	05/99	2005
GOLF IV (1J)	1.9 TDi Turbo Diesel	ATD 101bhp PD	07/97	10/01
GOLF IV (1J)	1.9 TDi Turbo Diesel	AXR 101bhp PD	07/97	10/01
GOLF IV (1J)	1.9 TDi Turbo Diesel	ASZ 130bhp PD	07/97	10/01
GOLF IV (1J)	1.9 TDi Turbo Diesel	ARL 150bhp PD	07/97	10/01
GOLF IV (1J)	1.9 TDi Turbo Diesel	ATD 101bhp PD	2001	10/01
NEW BEETLE	1.9 TDi Turbo Diesel	AGR 90bhp	11/98	
NEW BEETLE	1.9 TDi Turbo Diesel	AGR 90bhp	11/98	
NEW BEETLE	1.9 TDi Turbo Diesel	ALH 90bhp	01/98	
NEW BEETLE	1.9 TDi Turbo Diesel	ALH 90bhp	01/98	
PASSAT III (35)	1.9 TDi Turbo Diesel	1Z 90bhp	08/89	1997
PASSAT III (35)	1.9 TDi Turbo Diesel	AFN 110bhp	09/93	1997
PASSAT IV (3B)	1.9 TDi Turbo Diesel	AFN 110bhp	03/96	
PASSAT IV (3B)	1.9 TDi Turbo Diesel	AJM 115bhp PD	01/98	
PASSAT IV (3B)	1.9 TDi Turbo Diesel	AVG 110bhp	08/99	
PASSAT IV (3B)	1.9 TDi Turbo Diesel	AVF 130bhp PD	10/00	10/01
PASSAT IV (3B)	1.9 TDi Turbo Diesel	AHU 90bhp	10/96	
PASSAT IV (3B)	1.9 TDi Turbo Diesel	AHH 90bhp	08/97	
PASSAT IV (3B)	1.9 TDi Turbo Diesel	ATJ 115bhp PD	12/99	
PASSAT IV (3B)	1.9 TDi Turbo Diesel	AVB 100bhp PD	03/96	10/01
PASSAT IV (3B)	1.9 TDi Turbo Diesel	AWX 131bhp PD	10/00	10/01



LP046 (continued)

VOLKSWAGEN (continued)

POLO CLASSIC (6KV2)	1.7 SDi Diesel	AKW 60bhp	11/97	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel	AFN 110bhp	08/98	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel	AGR 90bhp	10/99	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel	AHU 90bhp	08/96	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel	ALE 90bhp	11/97	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel	ALH 90bhp	10/99	
POLO CLASSIC (6KV2)	1.9 TDi Turbo Diesel	ASV 110 bhp	10/99	
POLO III (6N1)	1.7 SDi Diesel	AHG 57bhp	04/97	
POLO III (6N1)	1.7 SDi Diesel	AKU 60bhp	08/97	
POLO III (6N1)	1.9 SDi Diesel	AGD 64bhp	07/96	
POLO III (6N1)	1.9 TDi Turbo Diesel	AHU 90bhp	05/97	
POLO IV (6N2)	1.7 SDi Diesel	AHG 57bhp	1999	
POLO IV (6N2)	1.7 SDi Diesel	AKU 60bhp	1999	09/01
POLO IV (6N2)	1.9 SDi Diesel	AGD 64bhp	1999	
POLO IV (6N2)	1.9 SDi Diesel	ASX 64bhp	1999	
POLO IV (6N2)	1.9 TDi Turbo Diesel	AHU 90bhp	1999	
POLO VARIANT (6KV5)	1.7 SDi Diesel	AKW 60bhp	11/97	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel	AFN 110bhp	08/98	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel	AGR 90bhp	10/99	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel	AHU 90bhp	08/96	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel	ALE 90bhp	11/97	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel	ALH 90bhp	10/99	
POLO VARIANT (6KV5)	1.9 TDi Turbo Diesel	ASV 110 bhp	10/99	
SHARAN MPV	1.9 TDi Turbo Diesel	1Z 90bhp	04/95	
SHARAN MPV	1.9 TDi Turbo Diesel	AFN 110bhp	04/95	
SHARAN MPV	1.9 TDi Turbo Diesel	AHU 90bhp	04/95	
SHARAN MPV	1.9 TDi Turbo Diesel	AVG 110bhp	1996	
SHARAN MPV	1.9 TDi Turbo Diesel	AUY 115bhp PD	2000	10/01
VENTO	1.9 TDi Turbo Diesel	AFN 110bhp	10/93	
VENTO	1.9 TDi Turbo Diesel	AHU 90bhp	10/93	
VENTO	1.9 TDi Turbo Diesel	ALE 90bhp	10/93	
VENTO	1.9 TDi Turbo Diesel	1Z 90bhp	07/93	
VOLVO				
850	2.5 TDi Turbo Diesel	D5252T	05/96	
S70	2.5 TDi Turbo Diesel	D5252T	04/97	
V70	2.5 TDi Turbo Diesel	D5252T	01/97	

LP047

CITROEN	JUMPER	2.5 TDi Turbo Diesel	8V	DJ5TED	09/96	
	RELAY	2.5 Turbo Diesel		DJ5T	09/96	
PEUGEOT	BOXER	2.5 TDi Turbo Diesel	8V	DJ5TED	09/96	

LP048

FORD	COURIER	1.8 Turbo Diesel		18D	02/96	
	ESCORT MK5	1.8 Turbo Diesel		18DT	03/96	
	FIESTA 4	1.8 Turbo Diesel			03/96	
	MONDEO MKII	1.8 Turbo Diesel		18DT	03/96	11/01
MAZDA	121	1.8 Diesel		RTJ ENDURA	03/96	2002

LP049

OPEL	OMEGA B	2.0 TDi Turbo Diesel	16V	X20DLC	09/96	08/97
	VECTRA B	2.0 Di Turbo Diesel	16V	X20DTLC	08/96	08/97
VAUXHALL	ASTRA MKIV	2.0 TDi Turbo Diesel	16V	X20D	09/97	02/98
	OMEGA	2.0 TDi Turbo Diesel	16V	X20DLC	09/96	08/97
	VECTRA	2.0 DTi Turbo Diesel	16V	X20DTL	08/96	08/97

LP050

OPEL	ARENA	1.9 Diesel		F8Q (Renault)	03/98	08/01
RENAULT	CLIO II	1.9 Diesel		F8Q	09/98	
	KANGOO	1.9 Diesel		F8Q	1998	
	KANGOO	D55 1.9		F8Q 662	03/98	
	KANGOO	D65 1.9		F8Q 630/632	03/98	
	TRAFIC	1.9 Diesel		F8Q 600	05/98	
VAUXHALL	ARENA	1.9 Diesel		F8Q (Renault)	03/98	

LP051

CITROEN	BERLINGO	2.0 HDi Turbo Diesel		DW10TD	07/99	
	BERLINGO MULTISPACE	2.0 HDi Turbo Diesel		DW10TD	07/99	
	C4	1.6 HDi Turbo Diesel		9HX (DV6ATED4)	11/04	
	C4	2.0 HDi Turbo Diesel		RHR (DW10BETD4)	11/04	
	C4 GRAND PICASSO	1.6 HDi Turbo Diesel		9HZ (DV6ATED4) 9HY (DV6ATED4)	11/04	
	C4 GRAND PICASSO	2.0 HDi Turbo Diesel		RHR (DW10BETD4)	11/04	
	C5	2.0 HDi Turbo Diesel		DW10ATED	04/01	
	C5	2.0 HDi Turbo Diesel	16V	DW10ATED4	04/01	
	C5	2.2 HDi Turbo Diesel	16V	DW12TED4	04/01	
	C8	2.0 HDi Turbo Diesel	16V	DW10ATED4	07/02	
	C8	2.0 HDi Turbo Diesel			02/07	
	C8	2.2 HDi Turbo Diesel	16V	DW12TED4	07/02	



LP051 (continued)

CITROEN (continued)

DISPATCH VAN	2.0 HDi Turbo Diesel		DW10ATED	09/98	
EVASION	2.0 HDi Turbo Diesel		DW10ATED	09/89	
JUMPER	2.0 HDi Turbo Diesel			11/01	04/02
JUMPER	2.0 HDi Turbo Diesel		DW10UTD	04/02	
JUMPER	2.2 HDi Turbo Diesel		DW12TED	04/02	
JUMPY	2.0 HDi Turbo Diesel		DW10TD	09/98	
JUMPY	2.0 HDi Turbo Diesel			01/07	
JUMPY	2.0 HDi Turbo Diesel			01/07	
RELAY	2.0 HDi Turbo Diesel		DW10TED	09/98	
SYNERGIE MPV	2.0 HDi Turbo Diesel	8V	DW10ATED	09/98	
XANTIA	2.0 HDi Turbo Diesel		DW10ATED	09/98	
XSARA	2.0 HDi Turbo Diesel		DW10ATED	07/99	
XSARA	2.0 TDi Turbo Diesel		DW10ATED	2003	
XSARA COUPE	2.0 HDi Turbo Diesel		DW10ATED	07/99	
XSARA PICASSO MPV	1.6 HDi Turbo Diesel	16V	DV6TED4	11/03	
XSARA PICASSO MPV	2.0 HDi Turbo Diesel		DW10ATED	06/00	

FIAT	DUCATO	2.0 JTD Turbo Diesel		DW10ATED (Peugeot)	10/01
	SCUDO	2.0 Turbo Diesel		RHX, RHZ	12/99
	SCUDO COMBINATO	2.0 JTD Turbo Diesel		RHZ	12/99
	SCUDO VAN	2.0 JTD Turbo Diesel		RHX	12/99
	SCUDO VAN	2.0 JTD Turbo Diesel			12/02
	ULYSSE MPV	2.0 JTD Turbo Diesel	16V	DW10ATED (Peugeot)	07/99
ULYSSE MPV	2.2 Turbo Diesel	16V	DW12ATED4 (Peugeot)	08/02	

LANCIA	PHEDRA	2.0 JTD Turbo Diesel		DW10	03/08
	PHEDRA	2.0 JTD Turbo Diesel	16V	DW10ATED4	02/08
	PHEDRA	2.2 JTD Turbo Diesel	16V	DW12ATEDS	02/08
	ZETA	2.0 JTD Turbo Diesel	16V	RHZ	1999

PEUGEOT	206	2.0 HDi Turbo Diesel		DW10TD	1999
	306	2.0 HDi Turbo Diesel		DW10TD	09/98
	307	1.6 HDi Turbo Diesel	16V	DV6TED4	02/04
	307	2.0 HDi Turbo Diesel	8V	DW10TD	08/00
	307	2.0 HDi Turbo Diesel	16V	DW10ATED4	08/00
	406	2.0 HDi Turbo Diesel	8V	DW10ATED	09/98
	406	2.0 HDi Turbo Diesel	16V	DW10ATED4	08/01
	406	2.2 HDi Turbo Diesel	16V	DW12TED4	10/00
	407	1.6 HDi Turbo Diesel	16V	DV6TED4	05/04
	407	2.0 HDi Turbo Diesel	16V	DW10ATED4	05/04
	607	2.0 HDi Turbo Diesel		DW10ATED	04/01
	607	2.2 HDi Turbo Diesel	16V	DW12TED4	06/01
	806 MPV	2.0 HDi Turbo Diesel		DW10ATED	09/98
	807 MPV	2.0 HDi Turbo Diesel	8V	DW10ATED	10/02
	807 MPV	2.0 HDi Turbo Diesel	16V	DW10ATED4	10/02
	807 MPV	2.2 HDi Turbo Diesel	16V	DW12ATED4	10/02
	BOXER	2.0 HDi Turbo Diesel		DW10TD	09/98
	BOXER	2.2 HDi Diesel		DW12TD	2002
	EXPERT	2.0 HDi Turbo Diesel		DW10TD	02/00
	EXPERT	2.0 HDi Turbo Diesel		DW10ATED	02/00
PARTNER	2.0 HDi Turbo Diesel		DW10TD	02/00	

SUZUKI	GRAND VITARA	2.0 HDi Diesel		DW10 (Peugeot)	1998	2005
	VITARA	2.0 Turbo Diesel			12/94	03/98

LP052

ALFA	145	1.9 JTD Turbo Diesel		AR32302	01/98	01/01
	146	1.9 JTD Turbo Diesel		AR32302	01/98	01/01
	156	1.9 JTD Turbo Diesel		AR32302	02/98	10/00
	156	2.4 JTD Turbo Diesel		AR32501	02/98	10/00
	156	2.4 Turbo Diesel		M717	10/97	10/00
	166	2.4 JTD		AR34202	09/98	10/00
	166	2.4 JTD Turbo Diesel	10V	AR32.501	10/98	11/99
FIAT	BRAVA	1.9 JTD Turbo Diesel		182B4000, AR32302 to eng no 1716458	12/98	10/99
	BRAVO	1.9 JTD Turbo Diesel		182B4000, AR32302 to eng no 1716458	12/98	10/99
	MAREA	1.9 JTD Turbo Diesel		AR32302	04/99	10/99
	MAREA	1.9 JTD Turbo Diesel		182B4000 to eng no 1716818	01/99	10/99
	MAREA	2.4 JTD Turbo Diesel		839A5000, AR34202 to eng no 1713818	04/99	10/99
MULTIPLA	1.9 JTD Turbo Diesel		182B4000 to eng no 1692990	01/99	10/99	
LANCIA	KAPPA	2.4 JTD Turbo Diesel		AR34.202	07/98	

LP053

BMW	3 SERIES (E46)	320d	16V	M47-D20/M47204D1	04/98	09/01
	3 SERIES (E46)	330d		M57D30	10/99	02/05
	3 SERIES COMPACT (E46)	320d		M47N204D4	09/01	02/05
	5 SERIES (E39)	520TD		M47-D20	02/00	06/03
	5 SERIES (E39)	530TD		M57-D30	08/98	06/03
	7 SERIES (E38)	730d		M57-D30	8/98	11/01
	X5 (E53)	3.0d		M57D306D1	03/01	
	LANDROVER	FREELANDER	2.0 TDi Turbo Diesel T4			11/00
RANGE ROVER		3.0 Turbo Diesel		M57 D30	03/02	



LP053 (continued)

MG ROVER	MG ZT	2.0 CDTi Turbo Diesel		M47 (BMW)	2002	2005
ROVER GROUP	75	2.0 CDTi Turbo Diesel		204D2	02/03	2005
	75	2.0 Turbo Diesel		M47	02/99	2005

LP054

ALPINA	D10	3.0 D BITURBO			09/99	
BMW	7 SERIES (E38)	740d	32V	M67	1/99	11/01

LP055

CHRYSLER	PT CRUISER	2.1 Turbo Diesel			03/02	
JEEP	COMMANDER	3.0 CRD			04/06	
MERCEDES	110D VITO	2.1 CDi Diesel		OM611.960	03/98	
	112D VITO	2.2 CDi Diesel		OM611	1999	
	C-CLASS (202)	C200 CDi Diesel		OM611.960	03/98	
	C-CLASS (202)	C220 CDi Diesel	16V	OM611.960	09/97	
	C-CLASS (203)	C200 CDi Diesel		OM646.962	02/01	
	C-CLASS (203)	C200 CDi Diesel		OM611.962	09/00	
	C-CLASS (203)	C200 CDi Diesel		OM646.962	04/03	
	C-CLASS (203)	C220 CDi Diesel		OM611.962	02/99	
	C-CLASS (203)	C270 CDi Diesel		OM612.962	04/01	
	CLK (209)	270 CDi		OM612.962/967	10/02	
	E-CLASS (210)	E200 CDi Diesel		OM611.961	06/98	
	E-CLASS (210)	E220 CDi Diesel		OM611.961	06/98	
	E-CLASS (210)	E270 CDi Diesel	20V	OM612.961	1999	
	E-CLASS (210)	E320 CDi Diesel	24V	OM613.961	02/98	
	E-CLASS (211)	E200 CDi Diesel		OM646.820	04/06	
	E-CLASS (211)	E200 CDi Diesel		OM646.951	07/02	
	E-CLASS (211)	E200 CDi Diesel		OM646.951	07/02	
	E-CLASS (211)	E220 CDi Diesel		OM611.961	03/02	
	E-CLASS (211)	E270 Turbo Diesel		OM646.961	06/02	
	E-CLASS (211)	E280 CDi Diesel		OM648.961	05/04	
	E-CLASS (211)	E320 CDi Turbo Diesel		OM613.961	04/01	
	E-CLASS (211)	E400 CDi Diesel			02/03	
	G-CLASS (463)	270 CDi Diesel		OM612.966	10/01	
	G-CLASS (463)	400 CDi Diesel		OM628.962	12/00	
	M-CLASS (163)	2.7 CDi Diesel		OM612.963	02/98	
	M-CLASS (163)	4.0 CDi Turbo Diesel		OM628.963	09/01	
	S-CLASS (220)	320 CDi Diesel		OM613.960	1999	
	S-CLASS (220)	400 CDi Turbo Diesel		OM628.960	06/03	
	SPRINTER 208D	2.2 CDi Diesel		OM611.981	04/00	
	SPRINTER 211 CDi	2.1 CDi Diesel			06/06	
	SPRINTER 211D	2.2 CDi Diesel		OM611.981	04/00	
	SPRINTER 213D	2.2 CDi Diesel		OM611.981	04/00	
	SPRINTER 215 CDi	2.1 CDi Diesel			06/06	
	SPRINTER 216D	2.7 CDi Diesel		OM612.981	04/00	
	SPRINTER 308D	2.2 CDi Diesel		OM611.981	04/00	
	SPRINTER 311 CDi	2.1 CDi Diesel			06/06	
	SPRINTER 311D	2.2 CDi Diesel		OM611.981	04/00	
	SPRINTER 313D	2.2 CDi Diesel		OM611.981	04/00	
	SPRINTER 315 CDi	2.1 CDi Diesel			06/06	
	SPRINTER 316D	2.7 CDi Diesel		OM612.981	04/00	
	SPRINTER 408D	2.2 CDi Diesel		OM611.981	04/00	
SPRINTER 411D	2.2 CDi Diesel		OM611.981	4/00		
SPRINTER 413D	2.2 CDi Diesel		OM611.981	4/00		
SPRINTER 416D	2.7 CDi Diesel		OM612.981	4/00		
SPRINTER 509 CDi	2.1 CDi Diesel			06/06		
SPRINTER 511 CDi	2.1 CDi Diesel			06/06		
SPRINTER 515 CDi	2.1 CDi Diesel			06/06		
VANEO (414)	170 CDi Diesel		OM668	05/02		
V-CLASS MPV (638/2)	200 CDi Diesel		OM611.980	09/03		
V-CLASS MPV (638/2)	220 CDi Diesel		OM611.980	1999		
VIANO (639)	200 CDi Diesel			09/03		
VIANO (639)	220 CDi Diesel		OM611.982	09/03		
VITO (638)	2.0 CDi Diesel			03/99	07/03	
VITO (638)	2.2 CDi Diesel		OM611.980	03/99	07/03	
VITO (638)	2.2 CDi Diesel		OM611.960	03/99	07/03	
VITO (639)	109 CDi Diesel			09/03		
VITO (639)	109 CDi Diesel			09/06		
VITO (639)	111 CDi Diesel		OM646.982	09/03		
VITO (639)	115 CDi Diesel		OM646.982	09/03		

LP056

AUDI	A4	2.5 TDi Turbo Diesel	24V	AFB 150bhp	1998	11/00
	A4	2.5 TDi Turbo Diesel	24V	AKN 150bhp	1998	11/00
	A4	2.5 TDi Turbo Diesel		AYM 155bhp	9/01	07/02
	A4	2.5 TDi Turbo Diesel		BCZ 163bhp	7/02	
	A4	2.5 TDi Turbo Diesel		BDG 163bhp	7/02	
	A4	2.5 TDi Turbo Diesel		BFC 163bhp	7/02	



LP056 (continued)

AUDI (continued)

A4 QUATTRO	2.5 TDi Turbo Diesel	24V	AFB 150bhp	1998	11/00
A4 QUATTRO	2.5 TDi Turbo Diesel	24V	AKN 150bhp	1998	11/00
A4 QUATTRO	2.5 TDi Turbo Diesel	24V	AKE 180bhp	9/01	12/04
A4 QUATTRO	2.5 TDi Turbo Diesel	24V	BAU 180bhp	9/01	12/04
A4 QUATTRO	2.5 TDi Turbo Diesel	24V	BDH 180bhp	9/01	12/04
A6	2.5 TDi Turbo Diesel	24V	AFB 150bhp	4/97	01/05
A6	2.5 TDi Turbo Diesel		AKN 150bhp	4/97	01/05
A6	2.5 TDi Turbo Diesel		AYM 155bhp	9/01	07/02
A6	2.5 TDi Turbo Diesel		BCZ 163bhp	7/02	01/05
A6	2.5 TDi Turbo Diesel		BDG 163bhp	7/02	01/05
A6	2.5 TDi Turbo Diesel		BFC 163bhp	7/02	01/05
A6	2.7 TDi Turbo Diesel		BSG 163BHP upto engine nr -> 4F-5-028-000	11/04	
A6	2.7 TDi Turbo Diesel		BPP 180bhp upto engine nr -> 4F-5-028-000	11/04	
A6	3.0 TDi Turbo Diesel		ASB 233bhp upto chassis nr -> 4E-5-003 300	06/06	
A6 ALLROAD	3.0 TDi Turbo Diesel		ASB 233bhp upto chassis nr ->4E-5-003 300	05/06	
A6 AVANT	2.7 TDi Turbo Diesel		BSG upto engine nr ->4F-5-028 000	03/05	
A6 AVANT	3.0 TDi Turbo Diesel		ASB upto chassis nr -.4E-5-003 300	06/06	
A6 QUATTRO	2.5 TDi Turbo Diesel	24V	AKE 180bhp	09/01	01/05
A6 QUATTRO	2.5 TDi Turbo Diesel	24V	BAU 180bhp	09/01	01/05
A6 QUATTRO	2.5 TDi Turbo Diesel	24V	BDH 180bhp	09/01	01/05
A8	2.5 TDi Turbo Diesel	24V	AFB 150bhp	06/97	04/00
A8	2.5 TDi Turbo Diesel	24V	AKN 150bhp	06/97	04/00
A8	2.5 TDi Turbo Diesel	24V	AKE 180bhp	09/00	09/02
A8 QUATTRO	2.5 TDi Turbo Diesel	24V	AKE 180bhp	09/00	09/02
A8 QUATTRO	3.0 TDi Turbo Diesel		ASB 233bhp	08/03	
A8 QUATTRO	3.3 TDi Turbo Diesel		AKF 224bhp	06/00	09/02
ALLROAD	2.5 TDi Turbo Diesel		BCZ 163bhp	05/03	08/05
ALLROAD	2.5 TDi Turbo Diesel		AKE 180bhp	05/00	08/05
ALLROAD	2.5 TDi Turbo Diesel		BAU 180bhp	05/00	08/05

SKODA

SUPERB	2.5 TDi Turbo Diesel		AYM 155bhp	02/02	
SUPERB	2.5 TDi Turbo Diesel		BDG 163bhp	06/03	

VOLKSWAGEN

CARAVELLE	2.5 TDi Turbo Diesel		AJT 88bhp	05/98	
PASSAT IV (3B)	2.5 TDi Turbo Diesel		AFB 150bhp	08/98	
PASSAT IV (3B)	2.5 TDi Turbo Diesel	24V	AKN 150bhp	09/98	
PASSAT IV (3B)	2.5 TDi Turbo Diesel		BDG 163bhp	05/03	
PASSAT IV (3B)	2.5 TDi Turbo Diesel		BAU 180bhp	02/03	
PASSAT IV (3B)	2.5 TDi Turbo Diesel		BDH 180bhp	02/03	
TRANSPORTER T4	2.5 TDi Turbo Diesel	10V	AJT 88bhp	05/98	
TRANSPORTER T4	2.5 TDi Turbo Diesel	10V	AHY 151bhp	05/98	

LP057

MERCEDES	A-CLASS (168)	A170 CDi Diesel	OM668.940, 941, 942	01/98	
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LP058

CITROEN	JUMPER	2.8 HDi Diesel	F28TDCR	09/00	
	JUMPER	2.8 HDi Diesel	8140.43N	05/04	
	RELAY	2.8 HDi Diesel	F28TDCR	09/00	
FIAT	DUCATO	2.8 Di Diesel	8140.63	06/98	
IVECO	DAILY	2.8 TDi Turbo Diesel	8140.43	09/97	
RENAULT	MASTER	2.8 TDi Turbo Diesel	S9W Sofim	09/97	

LP059

OPEL	ASTRA	2.0 TDi Turbo Diesel	16V X20DLC	04/98	
	ASTRA G	2.0 Di Diesel	16V X20DTL	02/98	2004
	ASTRA G	2.0 DTi Turbo Diesel	16V X20DTH	08/99	2004
	ASTRA G	2.0 DTi Turbo Diesel	16V Y20DTL	08/99	2004
	FRONTERA	2.2 DTi Turbo Diesel	16V X22DTH	1997	08/00
	OMEGA B	2.0 TDi Turbo Diesel	16V X20DLC	09/97	
	SIGNUM	2.0 DTi Turbo Diesel	16V	05/03	
	SINTRA	2.2 DTi Turbo Diesel	16V X22DTH	01/98	
	VECTRA B	2.0 DTi Turbo Diesel	16V X20DTH	09/97	07/99
	VECTRA B	2.0 DTi Turbo Diesel	16V Y20DTH	06/97	07/99
	ZAFIRA	2.0 DTi Turbo Diesel	16V Y20DTH	09/00	
	ZAFIRA	2.0 TDi Turbo Diesel	16V X20DTH	04/99	
SAAB	9-3	2.2 TiD Turbo Diesel	16V X22DTH	02/98	
VAUXHALL	ASTRA MKIV	2.0 TDi Turbo Diesel	16V X20DTL	03/98	2004
	ASTRA VAN	2.0 Diesel	16V X20D	1998	
	FRONTERA	2.2 DTi Turbo Diesel	16V X22DTH	1998	
	OMEGA	2.0 TDi Turbo Diesel	16V X20DLC	09/97	
	SINTRA	2.2 DTi Turbo Diesel	16V X22DTH	07/97	04/99
	VECTRA	2.0 Di Turbo Diesel	16V X20DTH	09/97	2002
	VECTRA	2.2 Turbo Diesel	Y22DTR	2000	2002
	ZAFIRA MPV	2.0 DTi Turbo Diesel	16V X20DTL	05/99	2005
	ZAFIRA MPV	2.0 DTi Turbo Diesel	16V Y20DTH	09/00	2005



LP060

FORD	FIESTA 4	1.8 Di Diesel	C9DC (RTN, RTP, RTQ)	08/98	
	FOCUS	1.8 Di Diesel	C9DC	08/98	11/04
	FOCUS	1.8 TDCi Turbo Diesel	C9DC	09/02	11/04
	FOCUS	1.8 TDDi Turbo Diesel	C9DC	10/98	11/04
	FOCUS CMAX	1.8 TDCi Turbo Diesel	KKDA	01/05	03/07
	FOCUS MKII	1.8 TDCi Turbo Diesel		04/05	
	GALAXY MPV	1.8 TDCi Turbo Diesel	FFWA	05/06	
	MONDEO MKIV	1.8 TDCi Turbo Diesel		03/07	
	TOURNEO TOURNEO	2.2 TDCi Turbo Diesel		07/06	
	TRANSIT CONNECT	1.8 TD Turbo Diesel		2002	
	TRANSIT CONNECT	1.8 TDCi Turbo Diesel		2002	

LP061

MCC SMART	CABRIO	0.8 CDI Diesel	OM660 DE8LA	03/01	01/04
	CITY COUPE	0.8 CDI Diesel	OM660 DE8LA	11/99	01/04
	SMART	0.8 Turbo Diesel	OM660	07/98	

LP062

NISSAN	SERENA	2.3 Diesel	LD23	03/98	
RENAULT	KANGOO	1.9 Diesel	F8Q 632	03/99	
	KANGOO	D65 1.9	F8Q 630/632	03/98	

LP063

ALFA	145	1.9 JTD Turbo Diesel	AR32302	01/98	01/01
	146	1.9 JTD Turbo Diesel	AR32302	01/98	01/01
	147	1.9 JTD Turbo Diesel	AR37101, 937A2 110bhp	11/00	
	156	1.9 JTD Turbo Diesel	AR32302	02/98	10/00
	156	1.9 JTD Turbo Diesel	AR37101	09/00	05/01
	156	1.9 JTD Turbo Diesel	937A2 110bhp	05/01	09/05
	156	2.4 JTD Turbo Diesel	AR32501	02/98	10/00
	156	2.4 JTD Turbo Diesel		10/03	09/05
	166	2.4 JTD	AR34202	09/98	10/00
FIAT	MAREA	1.9 JTD Turbo Diesel	182B4000 from eng no 11716819,	11/99	
	MAREA	1.9 JTD Turbo Diesel	186A6000	2001	
	MAREA	2.4 JTD Turbo Diesel	839A5000, AR34202 from eng no 1713819,	11/99	
	MULTIPLA	1.9 JTD Turbo Diesel	182B4000 from eng no 1692991	11/99	
	MULTIPLA	1.9 JTD Turbo Diesel	186A6000	03/01	
	PUNTO	1.9 JTD Turbo Diesel	188A7000	10/01	
LANCIA	PUNTO	1.9 JTD Turbo Diesel 80	188A2000	1999	
	KAPPA	2.4 JTD Turbo Diesel	AR34.202	07/98	
	LYBRA	1.9 JTD Turbo Diesel		07/99	
	LYBRA	2.4 JTD Turbo Diesel		07/99	

LP064

FIAT	CROMA	2500TD	8144.91.2000	12/85	08/89
	DUCATO	2.4 Diesel	8144.61 Sofim	01/86	01/94
	DUCATO	2.5 Diesel	8144.67 Sofim	01/86	01/94
RENAULT	CLIO	1.9 Diesel	F8Q	05/90	02/91
	EXPRESS	1.6 Diesel	F8M-730	07/86	
	EXPRESS	1.9 Diesel	F8Q 774, 776, 730	09/91	
	EXTRA	1.6 Diesel	F8M	1986	08/91
	EXTRA	1.9 Diesel	F8Q 774, 776, 730	09/91	
	MEGANE	1.9 Turbo Diesel	F8Q	09/96	
	MEGANE SCENIC	1.9 Turbo Diesel	F8Q	1995	
	R11	1.6 Diesel	F8M	1983	08/89
	R19 INCL. CHAMADE	1.9 Diesel	F8Q	06/88	02/91
	R5	1.6 Diesel	F8M-720, 730	09/85	
R9	1.6 Diesel	F8M	1983		
VOLVO	360	1.6 Diesel	D16	09/84	
	340 SERIES	1.6 Diesel	D16, F8M	09/84	

LP065

OPEL	ASTRA	1.7 Turbo Diesel	4EE1T Isuzu from eng no 956633	10/91	02/98	
	COMBO	1.5 Diesel	4EC1 (Isuzu)	1993		
	COMBO	1.5 Turbo Diesel	4EC1T (Isuzu)	1993		
	COMBO	1.7 Turbo Diesel	4EE1T (Isuzu)	1993		
	CORSA B	1.5 Diesel	4EC1 (Isuzu)	03/93	2000	
	CORSA B	1.5 Turbo Diesel	4EC1T (Isuzu)	03/93	2000	
	CORSA B	1.7 Turbo Diesel	4EE1T Isuzu	03/93	2000	
	VECTRA A	1.7 Turbo Diesel	4EE1T (Isuzu) from eng no 9210 / 731418	03/90	11/95	
	VECTRA B	1.7 Turbo Diesel	4EE1T (Isuzu)	10/95		
	VAUXHALL	ASTRA MKIII	1.7 Turbo Diesel	4EE1T (Isuzu) from eng no 956633	04/92	02/98
		CAVALIER FWD	1.7 Turbo Diesel	4EE1T (Isuzu)	04/92	08/95
		COMBO	1.5 Diesel	4EC1 (Isuzu)	1993	



LP065 (continued)

VAUXHALL (continued)

COMBO	1.5 Turbo Diesel	4EC1T (Isuzu)	1993	
COMBO	1.7 Diesel	X17D, 4EE1 (Isuzu)	1993	
COMBO	1.7 Turbo Diesel	4EE1T Isuzu	1993	
CORSA	1.7 Diesel	X17D, 4EE1 (Isuzu)	1993	
CORSA MKI	1.5 Diesel	4EC1 (Isuzu)	03/93	2000
CORSA MKI	1.5 Turbo Diesel	4EC1T (Isuzu)	03/93	2000
CORSA MKI	1.7 Diesel	X17D, 4EE1 (Isuzu)	03/93	2000
CORSA MKI	1.7 Turbo Diesel	4EE1T (Isuzu)	03/93	2000
VECTRA	1.7 Turbo Diesel	4EE1T, X17DT (Isuzu)	10/95	2002

LP066

HONDA	ACCORD	2.0 TDi Turbo Diesel	20T2N	04/96	12/02
	ACCORD	2.0 TDi Turbo Diesel	20T2N	04/96	12/02
RENAULT	CLIO II	1.9 TDi Turbo Diesel	F9Q 716	01/99	
	LAGUNA	1.9 DTi Turbo Diesel	F9Q 716	10/97	
	MEGANE	1.9 DTi Turbo Diesel	F9Q 730/734	01/96	
	MEGANE COUPE	1.9 DTi Turbo Diesel	F9Q	1997	
	MEGANE SCENIC	1.9 DTi Turbo Diesel	F9Q	05/99	06/99
	SCENIC	1.9 DTi Turbo Diesel	F9Q 730/734	07/99	
VOLVO	S40	1.9 Di Diesel	D4192T2 (Renault)	03/99	07/00
	V40	1.9 Di Diesel	D4192T2 (Renault)	03/99	07/00

LP067

HYUNDAI	GALLOPER	2.5 TCi Turbo Diesel	D4BH	08/98	
MITSUBISHI	DELICA	2.5 Turbo Diesel	4D56T	06/93	
	GALANT	2.0 Turbo Diesel	4D68T	11/92	08/96
	GALANT	2.0 Turbo Diesel	4D68 SOHC	09/96	10/04
	L200 PICKUP	2.5 Diesel	4D56	1993	08/96
	LANCER	2.0 Diesel	4D68	01/94	09/97
	PAJERO	2.5 Diesel	4D56	07/93	
	PAJERO	2.5 Turbo Diesel	4D56T	07/93	
	SHOGUN MKII	2.5 Turbo Diesel	4D56TD	12/90	04/00
	SPACE GEAR	2.5 Turbo Diesel	4D56T	01/95	05/00
	SPACE RUNNER	2.0 Turbo Diesel	4D68T	10/92	10/98
	SPACE WAGON	2.0 Turbo Diesel	4D68T	10/92	10/98

LP068

TOYOTA	AVENSIS	2.0 TDi Turbo Diesel	1CDFVT (D4-D)	2001	2003
	COROLLA FWD	2.0 TDi Turbo Diesel	1CDFVT	08/00	
	LANDCRUISER	3.0 Turbo Diesel	1KDFTV	10/00	
	RAV-4	2.0 TDi Turbo Diesel	1CDFVT	07/01	

LP069

FIAT	DOBLO	1.9 Diesel	223A6000	2000	
	DOBLO	1.9 Diesel	223A6000	2000	
	PALIO WEEKEND	1.9 Diesel	223A6.000	03/01	
	PUNTO	1.9 Diesel 60	188A3000	09/99	

LP070

HYUNDAI	H100	2.5 Diesel	D4BX/D4BA/D4BB	07/93	03/00
	H100	2.5 Diesel	D4B, 4D56	07/93	
	SATELLITE	2.5 TDi Turbo Diesel	D4BF	10/97	
	STAREX	2.5 Diesel	D4BB	10/97	

LP071

FIAT	CROMA	2.5 Turbo Diesel	8144.97	01/94	12/96
LANCIA	THEMA	2.5 Turbo Diesel	8V 8144.97	01/94	12/96

LP072

ALFA	147	1.9 JTD Turbo Diesel	AR37101, 937A2 110bhp	11/00		
	156	1.9 JTD Turbo Diesel	AR37101	09/00	05/01	
	156	1.9 JTD Turbo Diesel	937A2 110bhp	05/01	09/05	
	156	2.4 JTD Turbo Diesel	839A6000	09/00	09/05	
	156	2.4 JTD Turbo Diesel	841C000	03/02	09/05	
	156	2.4 JTD Turbo Diesel		10/03	09/05	
	159	1.9 JTDM	8V 939A7.000 / 939A1.000	09/05		
	164	2.5 Turbo Diesel	VM 08B	05/95	10/98	
	166	2.4 JTD Turbo Diesel	839A6000	09/00		
	166	2.4 JTD Turbo Diesel	841C000	04/02		
	FIAT	BRAVA	1.9 D Multijet	939A1.000	06/05	
		BRAVA	1.9 JTD Turbo Diesel	182B4000, AR32302 from eng no 1716459	11/99	
		BRAVO	1.9 D Multijet	939A1.000	06/05	
BRAVO		1.9 JTD Turbo Diesel	182B4000, AR32302 from eng no 1716459	11/99		
CROMA		1.9 D Multijet	939A1.000	06/05		
DOBLO		1.9 D Multijet	186A9.000	10/05		
DOBLO		1.9 JTD Turbo Diesel	182B9000	10/01		
DOBLO		1.9 JTD Turbo Diesel	223A7.000	07/03		



LP072 (continued)

FIAT (continued)

	DOBLO	1.9 JTD Turbo Diesel	182B9000	10/01
	DOBLO CARGO	1.9 JTD Turbo Diesel		07/03
	GRANDE PUNTO	1.9 D Multijet		10/05
	GRANDE PUNTO	1.9 D Multijet		10/05
	IDEA	1.9 JTD Turbo Diesel	16V	01/04
	MAREA	1.9 JTD Turbo Diesel	AR32302	11/99
	MAREA	1.9 JTD Turbo Diesel	182B4000 from eng no 11716819	11/99
	MAREA	1.9 JTD Turbo Diesel	186A6000	2001
	MAREA	2.4 JTD Turbo Diesel	839A5000, AR34202 from eng no 1713819	11/99
	MULTIPLA	1.9 JTD Turbo Diesel	182B4000 from eng no 1692991	11/99
	MULTIPLA	1.9 JTD Turbo Diesel	186A6000	03/01
	PUNTO	1.9 JTD Turbo Diesel	188A7000	10/01
	PUNTO	1.9 JTD Turbo Diesel	188B2.000	07/03
	PUNTO	1.9 JTD Turbo Diesel 80	188A2000	1999
	SEDICI	1.9 D Multijet		06/06
	STILO	1.9 D Multijet	192A9.000	09/05
	STILO	1.9 JTD	192A3.000	02/02
	STILO	1.9 Turbo Diesel	192A1000, 192A3000	10/01
LANCIA	LYBRA	1.9 JTD Turbo Diesel		07/99
	LYBRA	2.4 JTD Turbo Diesel		07/99
	MUSA	1.9 Multijet	188B2.000	10/04
	THESIS	2.4 JTD Turbo Diesel	10V 841C000	07/02
OPEL	ASTRA H	1.9 CDTi Turbo Diesel	Z19DT	09/05
	ASTRA H	1.9 CDTi Turbo Diesel	Z19DT	09/05
	ASTRA H, GTC	1.9 CDTi Turbo Diesel	Z19DT	09/05 07/07
	ZAFIRA	1.9 CDTi Turbo Diesel	Z19DT	07/05 07/07
VAUXHALL	ASTRA MKV	1.9 CDTi Turbo Diesel	Z19DT	09/05
	ZAFIRA MPV	1.9 CDTi Turbo Diesel	Z19DT	07/05 07/07

LP073

DACIA	LOGAN	1.5 dCi	K9K 792/790	09/05
NISSAN	ALMERA	1.5 DCi Turbo Diesel	K9K (Renault)	01/03
	INTERSTAR	1.9 DCi Turbo Diesel	F9Q 770 (Renault)	2002
	KUBISTAR	1.5 DCi Diesel	K9K (Renault)	2003
	MICRA	1.5 DCi Turbo Diesel	K9K (Renault)	01/03
	NOTE	1.5 DCi Turbo Diesel		03/06
	PRIMASTAR	1.9 DCi Turbo Diesel	F9Q 760	2002
OPEL	MOVANO	1.9 DTi Turbo Diesel	F9Q 770 (Renault)	2001
	VIVARO	1.9 Di Diesel	F9Q (Renault)	2001
	VIVARO	1.9 DTi Turbo Diesel	F9Q 760 (Renault)	2001
RENAULT	AVANTIME	2.2 DCi Turbo Diesel	G9T	6/02
	CLIO II	1.5 DCi Turbo Diesel	K9K-704	06/01
	CLIO III	1.5 DCi Turbo Diesel	K9K 768	06/05
	CLIO III	1.5 DCi Turbo Diesel	K9K 766	06/05
	CLIO III	1.5 DCi Turbo Diesel		06/05
	CLIO III	1.5 DCi Turbo Diesel	K9K 764	06/05
	ESPACE MPV	1.9 DCi Diesel		11/02
	ESPACE MPV	1.9 DTi Turbo Diesel	F9Q 722	02/99
	GRAND SCENIC	1.5 DCi Turbo Diesel		04/04
	GRAND SCENIC	1.9 DCi Diesel		05/05
	GRAND SCENIC	1.9 DCi Diesel		04/04
	GRAND SCENIC	1.9 DCi Diesel		05/05
	KANGOO	1.5 DCi Diesel	K9K	2001
	KANGOO	1.5 DCi Diesel	K9K	2001
	KANGOO	1.5 DCi Diesel		02/08
	KANGOO	1.9 DCi Diesel	F9Q	2002
	KANGOO	1.9 DTi Turbo Diesel	F9Q	02/00
	KANGOO	1.9 DTi Turbo Diesel	F9Q	2000
	LAGUNA	1.9 DCi Diesel	F9Q	2001
	LAGUNA	1.9 DTi Turbo Diesel	F9Q 710	10/97
	LAGUNA	1.9 TDi Turbo Diesel	F9Q 717, 731, 732, 733, 736, 780	07/98
	LAGUNA II	1.9 DCi Diesel	F9Q 664	03/04
	LAGUNA II	1.9 DCi Diesel		10/01
	LAGUNA II	1.9 DCi Diesel		06/01
	LAGUNA II	1.9 DCi Diesel		03/03
	LAGUNA II	1.9 DCi Diesel		01/05
	LAGUNA II	1.9 DCi Diesel	F9Q 750/756	03/01
	LAGUNA II	1.9 DCi Diesel	F9Q 758/759	05/05
	LAGUNA II	2.0 DCi Diesel	M9R 740	08/05
	LAGUNA II	2.0 DCi Diesel	M9R 760	01/06
	LAGUNA III	1.5 dCi Diesel		10/07
	LAGUNA III	2.0 dCi Diesel		10/07
	MASTER	1.9 DTi Turbo Diesel		2001
	MEGANE	1.5 DCi Diesel	K9K-704	08/02
	MEGANE	1.9 DTi Turbo Diesel	F9Q 716, 718	03/99
	MEGANE	1.9 DTi Turbo Diesel	F9Q 731	03/99





LP073 (continued)

RENAULT (continued)

MEGANE II	1.5 DCi Diesel	K9K 722	11/02
MEGANE II	1.5 DCi Diesel		05/05
MEGANE II	1.5 DCi Diesel		10/03
MEGANE II	1.5 DCi Diesel		01/07
MEGANE II	1.5 DCi Diesel		05/05
MEGANE II	1.9 DCi Diesel		03/04
MEGANE II	1.9 DCi Diesel		05/05
MEGANE II	1.9 DCi Diesel	F9Q 800	11/02
MEGANE II	1.9 DCi Diesel		05/05
MEGANE II	2.0 DCi Diesel		01/07
MEGANE SCENIC	1.9 DTi Turbo Diesel	F9Q 731	03/99
MODUS	1.5 DCi Turbo Diesel	K9K	2004
MODUS	1.5 DCi Turbo Diesel		05/05
SCENIC	1.5 DCi Turbo Diesel	K9K-704	07/03
SCENIC	1.9 DCi Diesel	F9Q	04/00
SCENIC	1.9 DTi Turbo Diesel	F9Q	06/01
SCENIC	1.9 DTi Turbo Diesel	F9Q 731, 736	09/99
SCENIC	1.9 DTi Turbo Diesel	F9Q 731, 736	09/99
SCENIC II	1.5 DCi Diesel		06/03
SCENIC II	1.5 DCi Diesel		05/05
SCENIC II	1.5 DCi Diesel		11/03
SCENIC II	1.5 DCi Diesel		01/07
SCENIC II	1.5 DCi Diesel		05/05
SCENIC II	1.9 DCi Diesel		05/05
SCENIC II	1.9 DCi Diesel		06/03
SCENIC II	1.9 DCi Diesel		05/05
SCENIC II	2.0 DCi Diesel		09/05
THALIA	1.5 DCi Turbo Diesel	K9K	04/02
TRAFIC	1.9 DCi Turbo Diesel	F9Q 760, 770	2001
VAUXHALL			
MOVANO	1.9 DTi Diesel	F9Q	09/00
MOVANO	1.9 DTi Turbo Diesel	F9Q 770 (Renault)	09/01
VIVARO	1.9 Di Diesel	F9Q (Renault)	2001
VIVARO	1.9 DTi Diesel	F9Q (Renault)	09/01

LP074

CITROEN	JUMPER	2.2 HDi Turbo Diesel		04/06
	JUMPER	2.2 HDi Turbo Diesel		04/06
FORD	GALAXY MPV	1.8 TDCi Turbo Diesel	QTWA	05/06
	GALAXY MPV	2.0 TDCi Turbo Diesel	AZWA	05/06
	MONDEO MKIII	2.0 TDCi Turbo Diesel	16V	10/01 02/07
	MONDEO MKIII	2.0 TDDi Turbo Diesel	16V D5BA, D6BA	11/00 02/07
	MONDEO MKIII	2.2 TDCi Turbo Diesel	QJBA/QJBB	09/04 02/07
	S MAX	1.8 TDCi Turbo Diesel	QYWA	05/06
	S MAX	2.0 TDCi Turbo Diesel	AZWA	05/06
	TRANSIT 260/280/300	2.0 TDi Turbo Diesel	16V ABFA, F3FA, D3FA	03/00
	TRANSIT 260/280/300	2.4 TDid Turbo Diesel	16V	03/00
	TRANSIT 300/330/350	2.4 TDid Turbo Diesel	16V	03/00
JAGUAR	X-TYPE	2.0 TDCi Turbo Diesel	16V	07/03

LP075

NISSAN	INTERSTAR	2.2 DCi Turbo Diesel	G9T 720 (Renault)	02/08
	INTERSTAR	2.5 DCi Turbo Diesel		2002
OPEL	MOVANO	2.2 DCi Turbo Diesel	G9T 720 (Renault)	09/00
	MOVANO	2.5 DCi Turbo Diesel	G9U (Renault)	10/00
	VIVARO	2.5 DTi Turbo Diesel		05/03
RENAULT	ESPACE MPV	2.2 DCi Turbo Diesel	G9T	10/00
	GRAND ESPACE	2.2 DCi Turbo Diesel	G9T	10/00
	LAGUNA	2.2 DCi Diesel	G9T	01/02
	LAGUNA II	2.2 DCi Diesel		05/05
	LAGUNA II	2.2 DCi Diesel	G9T 702	10/01
	MASTER	2.2 DCi Diesel		12/00
	MASTER	2.2 DCi Turbo Diesel		2001
	MASTER	2.5 dCi 100	G9U 754	10/03
	TRAFIC	1.9 DCi Turbo Diesel	F9Q	2001
	VEL SATIS	2.2 DCi Diesel		03/03
VAUXHALL	MOVANO	2.2 DCi Turbo Diesel	G9T 720 (Renault)	09/00
	MOVANO	2.5 DCi Turbo Diesel		10/00
	VIVARO	2.5 DTi Turbo Diesel		05/03

LP076

HONDA	CIVIC	1.7 CDTi Turbo Diesel	4EE2T (Isuzu)	01/02
OPEL	ASTRA G	1.7 DTi Turbo Diesel	16V Y17DIT (Isuzu)	2000 2004
	ASTRA G	2.2 DTi Turbo Diesel	16V Y22DTR	09/02 2004
	ASTRA H	1.7 CDTi Turbo Diesel	Z17DTL	08/04
	COMBO	1.7 Di Diesel	16V Y17DTL (Isuzu)	10/01
	COMBO	1.7 DTi Turbo Diesel	16V Y17DT (Isuzu)	10/01
	CORSA C	1.7 Di Diesel	16V Y17DT (Isuzu)	2000 2006



LP076 (continued)

OPEL (continued)

CORSA C	1.7 DTi Turbo Diesel	16V	Y17DT (Isuzu)	2000	2006
FRONTERA	2.2 DTi Turbo Diesel	16V	Y22DTR	09/00	
MERIVA	1.7 DTi Turbo Diesel		Y17DT (Isuzu)	09/03	
VECTRA B	2.0 DTi Turbo Diesel	16V	Y20DTH	08/99	04/02
VECTRA C	2.0 DTi Turbo Diesel	16V		04/04	
VECTRA C	2.2 DTi Turbo Diesel	16V		04/04	
ZAFIRA	2.2 DTi Turbo Diesel	16V	Y22DTR	01/02	
VAUXHALL					
ASTRA MKIV	1.7 DTi Turbo Diesel	16V	Y17DIT (Isuzu)	2000	2004
CORSA MKII	1.7 Di Diesel	16V	Y17DT (Isuzu)	2000	2003
CORSA MKII	1.7 DTi Turbo Diesel	16V	Y17DT (Isuzu)	2001	2003
FRONTERA	2.2 DTi Turbo Diesel	16V	Y22DTR	2000	
ZAFIRA MPV	2.2 DTi Turbo Diesel	16V	Y22DTR	01/02	2005

LP077

OPEL					
OMEGA B	2.2 DTi Turbo Diesel	16V	Y22DTH, Y22DTR	2000	
SIGNUM	2.2 DTi Turbo Diesel	16V		05/03	
VECTRA B	2.0 DTi Turbo Diesel	16V	X20DTH	08/99	04/02
VECTRA B	2.2 DTi Turbo Diesel	16V	Y22DTH	2001	
ZAFIRA	2.0 DTi Turbo Diesel	16V	Y20DTL	2000	
SAAB	9-3	2.2 TiD Turbo Diesel	D223L	09/02	
VAUXHALL					
FRONTERA	2.2 Turbo Diesel	16V	Y22DTH	2000	
OMEGA	2.2 DTi Turbo Diesel	16V	Y22DTH, Y22DTR	2000	
SIGNUM	2.0 Diesel	16V		2003	
SIGNUM	2.2 Turbo Diesel	16V		2003	
VECTRA	2.0 Turbo Diesel	16V	Y20DTH	2001	2002

LP078

ISUZU	TROOPER	3.0 DTi Turbo Diesel	4JX1	1998	
OPEL	MONTEREY	3.0 DTi Turbo Diesel	4JX1	07/98	08/99
VAUXHALL	MONTEREY	3.0 DTi Turbo Diesel	4JX1 (Isuzu)	07/98	08/99

LP079

NISSAN	PATHFINDER	2.5 dCi 4WD		03/05	
	TERRANO II	2.7 TDi Turbo Diesel	TD27TDI	10/97	

LP080

CITROEN					
C2	1.4 HDi Turbo diesel		DV4TD	2003	
C3	1.4 HDi Turbo diesel		DV4TD	2002	
C3	1.4 HDi Turbo Diesel	16V	DV4TED4	2002	
C3	1.6 HDi Turbo Diesel	16V		10/05	
C3	1.6 HDi Turbo Diesel	16V	DV6TED4	09/05	
C4	1.6 HDi Turbo Diesel		9HZ (DV6ATED4) 9HY (DV6ATED4)	11/04	02/06
C5	1.6 HDi Turbo Diesel		DV6TED4	09/04	
XSARA	1.4 HDi Turbo Diesel		DV4TD	2003	
XSARA COUPE	1.4 HDi Turbo Diesel		DV4TD	2003	
FORD					
C MAX	1.6 TDCi			02/07	
FIESTA 5	1.4 TDCi Turbo Diesel	8V	DV4TD (PSA)	11/01	
FOCUS CMAX	1.6 TDCi Turbo Diesel	16V	G8DA	10/03	
FOCUS CMAX	2.0 TDCi Turbo Diesel	16V	G6DA	10/03	
FOCUS MKII	1.6 TDCi Turbo Diesel	16V	G8DA	04/05	
FOCUS MKII	1.6 TDCi Turbo Diesel		HHDA/HHDB	04/05	
FOCUS MKII	2.0 TDCi Turbo Diesel	16V	G6DA	04/05	
FUSION	1.4 TDCi Turbo Diesel	8V	DV4TD (PSA)	2002	
FUSION	1.4 TDCi Turbo Diesel		F6JA/F6JB	08/02	
FUSION	1.6TDCi Turbo Diesel		HHJA/HHJB	11/04	
MAZDA	2	1.4 Turbo Diesel	FYTN	11/01	
2007PEUGEOT	206	1.4 HDi Turbo Diesel	8V DV4TD	2002	
	307	1.4 HDi Turbo Diesel	DV4TD	2001	
SUZUKI	LIANA	1.4 DDiS	8HY	03/05	
TOYOTA	AYGO	1.4 HDi Turbo Diesel		07/05	
VOLVO	S40 II	1.6 Diesel		01/05	
	V50	1.6 Diesel		01/05	

LP081

TOYOTA					
4-RUNNER	2.4 Diesel		2LT	1990	
4-RUNNER	2.8 Diesel		3L	1993	
CORONA	2.2 Diesel		L	08/82	
CRESSIDA	2.2 Diesel		L	09/80	07/84
CRESSIDA	2.4 Diesel		2L	08/88	
CROWN	2.4 Turbo Diesel		2LT	08/89	
HI-ACE	2.4 Diesel		2L	1990	
HI-ACE	2.4 Turbo Diesel		2LT	1990	
HI-ACE	2.8 Diesel		3L	1990	
HI-LUX	2.4 Diesel		2L	1988	
LANDCRUISER	2.4 Diesel		2L	03/88	
LANDCRUISER	2.4 Turbo Diesel		2LT	03/88	



LP081 (continued)

TOYOTA (continued)

	LANDCRUISER	2.8 Diesel		3L	1993	
	STARLET FWD	1.5 Diesel		1N	12/89	
VOLKSWAGEN	TARO PICK-UP	2.4 Diesel		2L 83bhp (Toyota)	01/89	01/91

LP082

MITSUBISHI	MONTERO	2.8 TDi Turbo Diesel		4M40	1994	
	PAJERO	2.8 TDi Turbo Diesel		4M40	1994	
	SHOGUN	2.8 TDi Turbo Diesel		4M40	1994	

LP083

TOYOTA	LANDCRUISER	3.0 Turbo Diesel		1KZTE	05/93	
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LP084

NISSAN	TERRANO II	3.0 DTi Turbo Diesel	16V	TD30DTI	02/99	
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LP085

	ALMERA	2.2 TDi Turbo Diesel		YD22DDT	2000	
	ALMERA TINO	2.2 TDi Turbo Diesel		Y22DDT	2001	
	PRIMERA	2.2 Di Turbo Diesel		Y22DET	04/02	

LP086

HYUNDAI	ACCENT	1.5 CRDi Turbo Diesel	12V	D3EA	04/02	
	ELANTRA	2.0 CRDi Turbo Diesel	16V	D4-EA	04/01	
	GETZ	1.5 CRDi Turbo Diesel	12V	D3EA	03/03	
	MATRIX	1.5 CRDi Turbo Diesel	12V	D3EA	10/01	
	SANTA FÉ	2.0 CRDi Turbo Diesel	16V	D4EA	08/01	
	SANTA FÉ	2.2 CRDi			03/06	
	SANTA FÉ	2.2 CRDi 4x4			03/06	
	SANTA FÉ	2.2 CRDi GLS			03/06	
	SANTA FÉ	2.2 CRDi GLS 4x4			03/06	
	TRAJET	2.0 CRDi Turbo Diesel	16V	D4EA	04/01	
	TUCSON	2.0 CRDi		D4EA	08/04	
KIA	CARENS II	2.0 CRDi			07/02	
	CERATO	1.5 CRDi			07/05	

LP087

AUDI	A2	1.4 TDi Turbo Diesel		AMF 75bhp PD	09/03	08/05
	A2	1.4 TDi Turbo Diesel		ATL 90bhp	11/03	08/05
	A3	1.9 TDi Turbo Diesel		BKC 105bhp	05/03	
	A3	2.0 TDi Turbo Diesel		BMM 140bhp	06/05	
	A3 CONVERTIBLE	1.9TDi Turbo Diesel		BKC 105bhp From engine nr 70251 ->	09/04	
	A3 SPORTBACK	1.9TDi Turbo Diesel			04/08	
	A3 SPORTBACK	2.0 TDi Turbo Diesel		BMM 140bhp	06/05	
	A4	1.9 TDi Turbo Diesel		BKE 116bhp From engine nr 70251->	11/04	
	A4	2.0 TDi Turbo Diesel		BPW 140bhp	11/04	
MITSUBISHI	GRANDIS	2.0 DI-D		BSY	09/05	
SEAT	ALTEA	1.9 TDi Turbo Diesel		BJB 105bhp	06/04	
	ALTEA	1.9 TDi Turbo Diesel		BKC 105bhp	06/04	
	ALTEA	2.0 TDi Turbo Diesel		AZV 136bhp	03/04	
	ALTEA	2.0 TDi Turbo Diesel		BMM 140bhp	11/05	
	LEON	1.9 TDi Turbo Diesel			09/05	
	LEON	1.9 TDi Turbo Diesel		AXR 100bhp	10/05	
	LEON	1.9 TDi Turbo Diesel		BKC/BLS 105bhp	09/05	
	LEON	1.9 TDi Turbo Diesel		ASV 110bhp	09/05	
	LEON	2.0 TDi Turbo Diesel		BMM 140bhp	10/05	
	TOLEDO	1.9 TDi Turbo Diesel		BJB, BKC 105bhp	10/04	2007
SKODA	OCTAVIA	1.9 TDi Turbo Diesel		105 bhp	06/04	
	OCTAVIA	1.9 TDi Turbo Diesel		BKC/BJB 105bhp from chassis nr 70251 ->	06/04	
	OCTAVIA	2.0 TDi Turbo Diesel		BMM 140bhp	11/05	
	ROOMSTER	1.9 TDi Turbo Diesel		BLS 105bhp	09/06	
VOLKSWAGEN	CADDY III	1.9 TDi Turbo Diesel		BKC 105bhp	04/04	
	CADDY III	1.9 TDi Turbo Diesel		BSU 75bhp	09/05	
	CADDY III	1.9 TDi Turbo Diesel		BJB 105bhp from chassis nr 705251 ->	04/04	
	CRAFTER	2.5 TDi Turbo Diesel		BJJ 88bhp	04/06	
	CRAFTER	2.5 TDi Turbo Diesel		BJK 109bhp	04/06	
	CRAFTER	2.5 TDi Turbo Diesel		BJL 136bhp	04/06	
	CRAFTER	2.5 TDi Turbo Diesel		BJM 163bhp	04/06	
	GOLF V	1.9 TDi Turbo Diesel		BJB 105bhp	10/03	
	GOLF V	1.9 TDi Turbo Diesel		BKC 105bhp	10/03	
	GOLF V	1.9 TDi Turbo Diesel		BRU/BXF 90bhp from chassis nr 70251 ->	05/04	
	GOLF V	2.0 SDi Diesel		BDK 75bhp	01/04	
	GOLF V	2.0 TDi Turbo Diesel		BMM 140bhp	08/04	
	JETTA III	1.9 TDi Turbo Diesel		BKC/BLS 105bhp	09/05	
	JETTA III	2.0 TDi Turbo Diesel		BMM 140bhp	10/05	
	MULTIVAN	1.9 TDi Turbo Diesel		BRS 102bhp	06/06	
	PASSAT V (3C)	1.9 TDi Turbo Diesel		BKC 105bhp	03/05	
	POLO V (9N)	1.9 TDi Turbo Diesel		ATD 101bhp PD	11/03	



LP087 (continued)

VOLKSWAGEN (continued)

POLO V (9N)	1.9 TDi Turbo Diesel	AXR 101bhp PD	11/03
SHARAN MPV	2.0 TDi Turbo Diesel	BRT 140bhp	11/05
TOURAN	1.9 TDi Turbo Diesel	BKC 105bhp	08/03
TOURAN	1.9 TDi Turbo Diesel	AVQ 101bhp	02/03
TOURAN	1.9 TDi Turbo Diesel	BRU 90bhp from chassis nr 705251 ->	11/04
TOURAN	2.0 TDi Turbo Diesel	BMM 140bhp	02/03
TRANSPORTER V	1.9 TDi Turbo Diesel	BRS 102bhp	06/06

LP088

AUDI	A3	2.0 TDi Turbo Diesel	BMN 170bhp	03/06
	A3	2.0 TDi Turbo Diesel	AZV 136bhp	05/03
	A3	2.0 TDi Turbo Diesel	BKD 140bhp	05/03
	A3 CONVERTIBLE	2.0 TDi Turbo Diesel		04/08
	A3 SPORTBACK	2.0 TDi Turbo Diesel	AZV 136bhp	09/04
	A3 SPORTBACK	2.0 TDi Turbo Diesel	16V BKD 140bhp	09/04
	A3 SPORTBACK	2.0 TDi Turbo Diesel	BMN 170bhp	03/06
	A4	2.0 TDi Turbo Diesel	BNA 136bhp	11/04
	A4	2.0 TDi Turbo Diesel	BLB 140bhp	11/04
	A4	2.0 TDi Turbo Diesel	BRE 140bhp	11/04
	A4	2.0 TDi Turbo Diesel	BRD 170bhp	06/06
	A4	2.0 TDi Turbo Diesel	CAGA 143bhp	11/07
	A6	2.0 TDi Turbo Diesel	BNA 136bhp	06/05
	A6	2.0 TDi Turbo Diesel	BRF 136bhp	06/05
	A6	2.0 TDi Turbo Diesel	BLB 140bhp	07/04
	A6	2.0 TDi Turbo Diesel	BRE 140bhp	07/04
	A6 AVANT	2.0 TDi Turbo Diesel	BNA/BRF 140bhp	06/05
A6 AVANT	2.0 TDi Turbo Diesel	BRE/BLB upto engine nr ->4B-5-050 000	06/05	
SEAT	ALTEA	2.0 TDi Turbo Diesel	BKD 140bhp	06/04
	ALTEA	2.0 TDi Turbo Diesel	BMN 170bhp	03/06
	LEON	2.0 TDi Turbo Diesel	16V BKD 140bhp	09/05
	LEON	2.0 TDi Turbo Diesel	BMN 170bhp	02/06
	TOLEDO	1.9 TDi Turbo Diesel	BKD 140bhp	10/04 2007
SKODA	OCTAVIA	2.0 TDi Turbo Diesel	BKD 140bhp	06/04
VOLKSWAGEN	CADDY III	2.0 SDi Turbo Diesel	BDJ 69bhp	03/04
	GOLF V	2.0 GTD Turbo Diesel	BMN 170bhp	11/05
	GOLF V	2.0 SDi Diesel	BKD 140bhp	01/04
	GOLF V	2.0 TDi Turbo Diesel	BKD 140bhp	10/03
	JETTA III	2.0 TDi Turbo Diesel	AZV 136bhp	09/05
	JETTA III	2.0 TDi Turbo Diesel	BKD 140bhp	08/05
	JETTA III	2.0 TDi Turbo Diesel	BMN 170bhp	10/06
	PASSAT IV (3B)	2.0 TDi Turbo Diesel	AZV 136bhp	2004
	PASSAT V (3C)	2.0 TDi Turbo Diesel	BMP 140bhp	03/05
	PASSAT V (3C)	2.0 TDi Turbo Diesel	16V BKP 140bhp	03/05
	PASSAT V (3C)	2.0 TDi Turbo Diesel	BMR 170bhp	08/05
	TOURAN	2.0 TDi Turbo Diesel	BNM170bhp	12/05
	TOURAN	2.0 TDi Turbo Diesel	AZV 136bhp	02/03
	TOURAN	2.0 TDi Turbo Diesel	BKD 140bhp	08/03

LP089

BMW	1 SERIES (E87)	118d	M47N204D4	09/04
	1 SERIES (E87)	118d		04/07
	1 SERIES (E87)	120d	M47N204D4/N47D20A	09/04
	1 SERIES (E87)	120d		04/07
	3 SERIES (E46)	318d	M47204D1	04/98 03/03
	3 SERIES (E46)	320d	M47N204D4	09/01 02/05
	3 SERIES (E46)	330d	M57N306D2	03/03 02/05
	3 SERIES (E90)	318d	M47N204D4	09/05
	3 SERIES (E90)	320d	M47N204D4	01/05
	3 SERIES (E90)	325d		09/06
	3 SERIES (E90)	330d	M57306D3	09/05
	3 SERIES (E90)	335d	M57306D3	09/06
	3 SERIES COMPACT (E46)	318td	M47N204D4	03/03 02/05
	3 SERIES COMPACT (E46)	320d	M47N204D4	03/03 02/05
	5 SERIES (E60)	525d	M57N256D4	06/04
	5 SERIES (E60)	530d	N57306D2	07/03
	5 SERIES (E60)	535d	M57306D4	09/04
	5 SERIES (E60)	535d		01/07
	7 SERIES (E65/E66)	730d	N57306D2	10/02
	X3 (E83)	2.0d	M47N204D4	10/04
X3 (E83)	3.0d	M57N306D2	01/04	
X3 (E83)	3.0sd		09/06	
X5 (E53)	3.0d	M57N306D4	12/03	

LP090

BMW	7 SERIES (E65/E66)	740d	N67398D1	10/02
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LP091

MERCEDES	C-CLASS (203)	C320 CDi Diesel	20V	09/02
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LP092

AUDI	A4	2.7 TDi Turbo Diesel	CAM 190bhp	11/07
	A4	3.0 TDi Turbo Diesel	CAP 240bhp	11/07
	A4 QUATTRO	2.7 TDi Turbo Diesel	BPP 180bhp	01/06
	A4 QUATTRO	3.0 TDi Turbo Diesel	BKN 204bhp	11/04
	A4 QUATTRO	3.0 TDi Turbo Diesel	ASB 233bhp	01/06
	A5	2.7 TDi Turbo Diesel	CAM 190bhp	06/07
	A5	3.0 TDi Turbo Diesel	CAP 240bhp	06/07
	A6	2.7 TDi Turbo Diesel	BSG 163BHP from engine nr 4F-5-028-001 ->	11/04
	A6	2.7 TDi Turbo Diesel	BPP 180bhp from engine nr 4F-5-028-001 ->	11/04
	A6	3.0 TDi Turbo Diesel	ASB 233bhp from chassis nr 4E-5-003 301 ->	06/06
	A6 ALLROAD	2.7 TDi Turbo Diesel	BSG 163bhp	06/08
	A6 ALLROAD	2.7 TDi Turbo Diesel	BPP 180bhp upto engine nr ->4F -5-028-000	05/06
	A6 ALLROAD	3.0 TDi Turbo Diesel	BNG 211bhp upto chassis nr ->4E-5-003 300	05/06
	A6 ALLROAD	3.0 TDi Turbo Diesel	BNG 211bhp from chassis nr 4E-5-003 301->	05/06
	A6 ALLROAD	3.0 TDi Turbo Diesel	ASB 233bhp from chassis nr 4E-5-003 301->	05/06
	A6 AVANT	2.7 TDi Turbo Diesel	BSG from engine nr 4F-5-028 001 ->	03/05
	A6 AVANT	2.7 TDi Turbo Diesel	BPP	03/05
	A6 AVANT	3.0 TDi Turbo Diesel	ASB from chassis nr 4E-5-003-301 ->	06/06
	A6 QUATTRO	2.7 TDi Turbo Diesel	BSG 163BHP	06/05
	A6 QUATTRO	2.7 TDi Turbo Diesel	BPP 180bhp from engine nr 4F-5-028-001 ->	11/04
	A6 QUATTRO	3.0 TDi Turbo Diesel	ASN 220bhp	05/04
	A6 QUATTRO	3.0 TDi Turbo Diesel	BNG 211bhp	05/04
	A6 QUATTRO	3.0 TDi Turbo Diesel	BMK 225bhp	05/04
	A8 QUATTRO	3.0 TDi Turbo Diesel	BNG 211bhp F4-5-026 001 ->	11/03
	A8 QUATTRO	4.2 TDi Turbo Diesel	BMC 320bhp	07/05
	A8 QUATTRO	4.2 TDi Turbo Diesel	BVN 326bhp	07/05
	Q7	3.0 TDi Turbo Diesel	BUN 211bhp	03/06
	Q7	3.0 TDi Turbo Diesel	BUG 233bhp	03/06
	Q7	4.2 TDi Turbo Diesel	BTR 326bhp	03/07
VOLKSWAGEN	PHAETON	3.0 TDi Turbo Diesel	BMK 224bhp from chassis nr 4F-5-026 001 ->	09/04
	TOUAREG	3.0 TDi Turbo Diesel	BKS 224bhp	11/04

LP093

FIAT	DUCATO	2.3 JTD Turbo Diesel	F1AE0481C	04/02
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LP094

MINI	MINI	One D	1ND	06/03
TOYOTA	COROLLA FWD	1.4 Diesel	1ND-TV	07/04
	YARIS	1.4 D-4D Diesel	1ND-TV	12/01 12/05
	YARIS	1.4 D-4D Diesel	1ND-TV	01/06 12/05
	YARIS VERSO	1.4 D-4D Diesel	1ND-TV	12/01 12/05

LP095

CITROEN	C6	2.7 HDi Turbo Diesel	DT17ED4	09/05
VOLVO	S60	2.4 Diesel	D5244T2	12/01
	S60	2.4 Diesel D5	D5244T	07/01
	S80	2.4 Diesel	D5244	10/01
	S80	2.4 Diesel D5	D5244T	08/01
	V70	2.4 Diesel		12/01
	V70	2.4 Diesel D5	D 5244 T	08/01
	XC70	2.4 Diesel D5	D5244T	09/02
	XC90	2.4 Diesel D5		10/02

LP096

AUDI	A2	1.2 TDi Turbo Diesel	ANY 61bhp	03/01 08/05
	A2	1.4 TDi Turbo Diesel	AMF 75bhp PD	02/00 08/03
	A3	1.9 TDi Turbo Diesel	ASZ 130bhp PD	06/03
	A3 QUATTRO	1.9 TDi Turbo Diesel	ASZ 130bhp PD	06/03
	A6 AVANT	2.0 TDi Turbo Diesel	BRE/BLB from engine nr 4B-5-050 001 ->	06/05
	A8 QUATTRO	4.0 TDi Turbo Diesel	ASE 275bhp	03/03
FORD	GALAXY MPV	1.9 TDi Turbo Diesel	ANU 90bhp PD	10/01
	GALAXY MPV	1.9 TDi Turbo Diesel	AUY 115bhp PD	10/01
	GALAXY MPV	1.9 TDi Turbo Diesel	ASZ 130bhp PD	02/03
	GALAXY MPV	1.9 TDi Turbo Diesel	BTB	05/05
SEAT	ALHAMBRA MPV	1.9 TDi Turbo Diesel	ASZ 130bhp PD	06/00
	AROSA	1.4 TDi Turbo Diesel	AMF 75bhp PD	11/01
	AROSA	1.7 SDi Diesel	AKU 60bhp	10/01
	CORDOBA	1.4 TDi Turbo Diesel	AMF 75bhp PD	10/02 2003
	CORDOBA	1.9 SDi Diesel	ASY 64bhp	10/02 2003
	CORDOBA	1.9 TDi Turbo Diesel	ATD 100bhp	10/02 2003
	CORDOBA	1.9 TDi Turbo Diesel	ASZ 130bhp PD	10/02 2003
	IBIZA	1.4 TDi Turbo Diesel	AMF 75bhp PD	05/02 2008
	IBIZA	1.4 TDi Turbo Diesel	BNM 70bhp	05/05 2008
	IBIZA	1.9 SDi Diesel	ASY 64bhp	02/02



LP096 (continued)

SEAT (continued)

	IBIZA	1.9 TDi Turbo Diesel		ATD 100bhp	02/02	
	IBIZA	1.9 TDi Turbo Diesel		ASZ 130bhp PD	02/02	
	IBIZA	1.9 TDi Turbo Diesel		ARL 150bhp PD	02/02	
	LEON	1.9 TDi Turbo Diesel		ASZ 130bhp PD	05/03	2005
	LEON	1.9 TDi Turbo Diesel		ARL 150bhp PD	05/02	2005
	TOLEDO	1.9 TDi Turbo Diesel		ASZ 130bhp PD	05/03	2007

SKODA

	FABIA	1.4 TDi Turbo Diesel		AMF 75bhp PD	04/03	
	FABIA	1.4 TDi Turbo Diesel		BNM 70bhp	10/05	
	FABIA	1.4 TDi Turbo Diesel		BNV 80BHP	10/05	
	FABIA	1.9 SDi Diesel		ASY 64bhp	05/03	
	FABIA	1.9 TDi Turbo Diesel		BLS/BSW 105bhp from chassis nr 5J-7-0 ->	03/07	
	FABIA	1.9 TDi Turbo Diesel		ASZ 130bhp PD	09/03	
	OCTAVIA	1.9 TDi Turbo Diesel		ASZ 130bhp PD	01/03	2004
	ROOMSTER	1.4 TDi Turbo Diesel		BNM 70bhp	09/06	
	SUPERB	1.9 TDi Turbo Diesel		AVB 100bhp PD	08/02	
	SUPERB	1.9 TDi Turbo Diesel		AWX 130bhp PD	02/02	

VOLKSWAGEN

	BORA (1JZ)	1.9 TDi Turbo Diesel		ATD 101bhp PD	11/01	2005
	BORA (1JZ)	1.9 TDi Turbo Diesel		AXR 101bhp PD	11/01	2005
	BORA (1JZ)	1.9 TDi Turbo Diesel		ASZ 130bhp PD	11/01	2005
	BORA (1JZ)	1.9 TDi Turbo Diesel		ARL 150bhp PD	10/01	2005
	CADDY III	2.0 SDi Turbo Diesel		BDJ 70bhp	03/04	
	GOLF IV (1J)	1.9 TDi Turbo Diesel		ATD 101bhp PD	11/01	2005
	GOLF IV (1J)	1.9 TDi Turbo Diesel		AXR 101bhp PD	11/01	2005
	GOLF IV (1J)	1.9 TDi Turbo Diesel		ASZ 130bhp PD	11/01	2005
	GOLF IV (1J)	1.9 TDi Turbo Diesel		ARL 150bhp PD	11/01	2005
	LT	2.5 TDi Turbo Diesel	10V	BBF 95bhp	05/01	
	LUPO (6X1, 6E1)	1.2 TDi Turbo Diesel	6V	AYZ 61bhp	11/01	
	LUPO (6X1, 6E1)	1.4 TDi Turbo Diesel	6V	AMF 75bhp PD	11/01	
	LUPO (6X1, 6E1)	1.7 SDi Diesel	8V	AKU 60bhp	11/01	
	MULTIVAN T5	1.9 TDi Turbo Diesel		AXB 105bhp	4/03	
	MULTIVAN T5	2.5 TDi Turbo Diesel		AXD 130bhp	4/03	
	MULTIVAN T5	2.5 TDi Turbo Diesel		AXE 174bhp	4/03	
	NEW BEETLE	1.9 TDi Turbo Diesel		ATD 101bhp PD	11/01	
	NEW BEETLE	1.9 TDi Turbo Diesel		AXR 101bhp PD	03/03	
	PASSAT IV (3B)	1.9 TDi Turbo Diesel		AVF 130bhp PD	11/01	
	PASSAT IV (3B)	1.9 TDi Turbo Diesel		AVB 100bhp PD	11/01	
	PASSAT IV (3B)	1.9 TDi Turbo Diesel		AWX 131bhp PD	11/01	
	PHAETON	5.0 TDi Turbo Diesel	20V	AJS 313bhp	11/02	
	POLO IV (6N2)	1.4 TDi Turbo Diesel		AMF 75bhp PD	10/01	
	POLO IV (6N2)	1.4 TDi Turbo Diesel		BAY 75bhp	10/01	
	POLO IV (6N2)	1.7 SDi Diesel		AKU 60bhp	10/01	
	POLO IV (6N2)	1.9 SDi Diesel		ASY 64bhp	10/01	
	POLO IV (6N2)	1.9 TDi Turbo Diesel		ADT 101bhp PD	10/01	
	POLO V (9N)	1.4 TDi Turbo diesel		BNM 70bhp	04/05	
	POLO V (9N)	1.4 TDi Turbo diesel		BMS/BNV 80bhp	04/05	
	SHARAN MPV	1.9 TDi Turbo Diesel		ANU 90bhp PD	03/00	
	SHARAN MPV	1.9 TDi Turbo Diesel		ASZ 130bhp PD	11/02	
	SHARAN MPV	1.9 TDi Turbo Diesel		AUY 115bhp PD	11/01	
	SHARAN MPV	1.9 TDi Turbo Diesel		BTB 150bhp	06/05	
	TOUAREG	2.5 TDi Turbo Diesel R5		BAC 174bhp	01/03	
	TOUAREG	5.0 TDi Turbo Diesel	20V	AYH 312bhp	10/02	
	TRANSPORTER V	1.9 TDi Turbo Diesel		AXC 85bhp	04/03	
	TRANSPORTER V	1.9 TDi Turbo Diesel		AXB 105bhp	04/03	
	TRANSPORTER V	2.5 TDi Turbo Diesel		AXD 130bhp	04/03	
	TRANSPORTER V	2.5 TDi Turbo Diesel		AXE 174bhp	04/03	

LP097

VOLKSWAGEN	LT	2.8 TDi Turbo Diesel		AUH 158bhp	04/02	
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LP098

FIAT	500	1.3 Diesel Multijet			10/07	
	DOBLO	1.3 D Multijet		223A9.000	10/05	
	DOBLO CARGO	1.3 D Multijet			10/05	
	DOBLO CARGO	1.3 JTD	16V	188A9.000	05/04	
	GRANDE PUNTO	1.3 D Multijet		199A2.000	10/05	
	GRANDE PUNTO	1.3 D Multijet		199A3.000	10/05	
	IDEA	1.3 JTD Turbo Diesel	16V	188A9000	01/04	
	PANDA	1.3 JTD Turbo Diesel	16V	188A9000	09/03	
	PUNTO	1.3 JTD Turbo Diesel	16V	188A9.000	06/03	
LANCIA	MUSA	1.3 Multijet		188A9.000	10/04	
	YPSILON	1.3 JTD Turbo Diesel	16V		10/03	
OPEL	AGILA	1.3 CDTi Turbo Diesel		Z13DT	08/03	
	ASTRA H	1.3 CDTi Turbo Diesel		Z13DTH	08/05	
	COMBO	1.3 CDTi Turbo Diesel		Z13DT/J	08/05	
	CORSA C	1.3 CDTi Turbo Diesel		Z13DT	06/03	2006
	CORSA D	1.3 CDTi Turbo Diesel		Z13DTJ/H	07/06	
	MERIVA	1.3 CDTi Turbo Diesel		Z13DTJ	09/03	



LP098 (continued)

OPEL (Continued)				
	TIGRA TWIN TOP	1.3 CDTi Turbo Diesel	Z13DT	06/04
SUZUKI	WAGON R+	1.3 DDiS	Z13DT	09/03
VAUXHALL	ASTRA MKV	1.3 CDTi Turbo Diesel	Z13DTH	08/05
	CORSA MKIII	1.3 CDTi Turbo Diesel	Z13DT	06/03
	MERIVA	1.3 CDTi Turbo Diesel	Z13DTJ	09/03
	TIGRA TWIN TOP	1.3 CDTi Turbo Diesel	Z13DT	06/04

LP099

CHRYSLER	VOYAGER MKIII	2.5CRD	ENC/ENJ	02/00
	VOYAGER MKIII	2.8CRD	ENR	06/04
	VOYAGER MPV	2.5 Turbo Diesel	ENC, ENJ	02/00
JEEP	CHEROKEE	2.5 CRD Diesel	ENJ	09/01
	CHEROKEE	2.8 CRD Diesel	ENR	11/02
	CHEROKEE	2.8 CRD Diesel		11/04

LP100

HYUNDAI	H1	2.5 CRDi		08/03
JAGUAR	S-TYPE	2.7 BiTurbo Diesel		06/04
KIA	SORENTO	2.5 CRDi		08/02

LP101

ALFA	147	1.9 JTD Turbo Diesel		11/02		
	156	1.9 JTD Turbo Diesel		11/02	09/05	
	159	1.9 JTDM	16V	939A8.000 / 939A2.000	09/05	
	159	2.4 JTDM		939A3.000	09/05	
	159	2.4 JTDM Q4			05/07	
	166	2.4 JTD			07/05	
	166	2.4 JTD			07/06	
	166	2.4 JTD Turbo Diesel			10/03	
	BRERA	2.4 JTDM	20V		01/06	
	GT	1.9 JTD Turbo Diesel		937A5.000	11/03	
SPIDER	2.4 JTDM			04/07		
FIAT	BRAVA	1.9 D Multijet		939A2.000	06/05	
	BRAVO	1.9 D Multijet		939A2.000	06/05	
	CROMA	1.9 D Multijet		939A2.000	06/05	
	CROMA	2.4 D Multijet		939A3.000	06/05	
	STILO	1.9 D Multijet		937A5.000	09/05	
	STILO	1.9 Turbo Diesel			1/04	
LANCIA	THESIS	2.4 JTD Turbo Diesel	10V		05/03	
MCC SMART	FORFOUR	1.5 Diesel			09/04 2006	
OPEL	ASTRA H	1.9 CDTi Turbo Diesel	16V	Z19DTJ	08/04	
	ASTRA H	1.9 CDTi Turbo Diesel		Z19DTH	09/04	
	ASTRA H, TWINTOP	1.9 CDTi Turbo Diesel		Z19DTH	09/05	
	SIGNUM	1.9 CDTi Turbo Diesel	16V	Z19DHT	04/04	
	VECTRA C	1.9 CDTi Turbo Diesel		Z19DHT	04/04	
	ZAFIRA	1.9 CDTi Turbo Diesel		Z19DTH	07/05	
SAAB	9-3	1.9 TiD Turbo Diesel		Z19DT	09/04	
	9-3	1.9 TiD Turbo Diesel		Z19DTH	09/04	
VAUXHALL	ASTRA MKV	1.9 CDTi Turbo Diesel	16V	Z19DTJ	08/04	
	ASTRA MKV	1.9 CDTi Turbo Diesel		Z19DTH	09/04	
	SIGNUM	1.9 CDTi Turbo Diesel		Z19DHT	04/04	
	VECTRA	1.9 CDTi Turbo Diesel		Z19DHT	04/04	
	ZAFIRA MPV	1.9 CDTi Turbo Diesel		Z19DTH	07/05	

LP102

LANDROVER	DISCOVERY	2.5 TD5 Turbo Diesel			01/99
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LP103

VOLKSWAGEN	LT	2.8 TDi Turbo Diesel	AGK 125bhp		06/97 12/98
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LP104

MITSUBISHI	PAJERO MKIII	3.2 DI-D Diesel	4M41	04/00	10/01
	PAJERO MKIII	3.2 DI-D Diesel	4M41	10/01	
	SHOGUN MKIII	3.2 DI-D Diesel	4M41	04/00	10/01
	SHOGUN MKIII	3.2 DI-D Diesel	4M41	10/01	

LP105

ASIA MOTORS	ROCSTA	2.2 Diesel 4x4			06/93
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LP106

LEXUS	IS220	220d	2AD-FHV		10/05
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LP107

CHRYSLER	300C	3.0 CRD		09/05
MERCEDES	A-CLASS (169)	A160 CDI	OM640.942	09/04
	A-CLASS (169)	A180 CDI	OM640.940	09/04
	A-CLASS (169)	A200 CDI	OM640.941	09/04
	B-CLASS (245)	B180 CDI		03/05
	B-CLASS (245)	B200 CDI		03/05
	C-CLASS (204)	C320 CDi Diesel		01/07
	CLK (209)	220 CDi	OM646.963	01/05
	CLK (209)	320 CDi	OM642.910	01/05
	CLS-CLASS (219)	320 CDi	OM642.910	01/05
	E-CLASS (211)	E280 CDi Diesel	OM642.920	03/05
	E-CLASS (211)	E280 CDi Diesel 4 Matic	OM642.921	03/05
	E-CLASS (211)	E420 CDi Diesel		01/06
	GL-CLASS (X164)	320 CDi Diesel	OM642.822	09/06
	GL-CLASS (X164)	420 CDi Diesel	OM629.912	09/06
	M-CLASS (164)	280 CDi Diesel 4 Matic	OM642.940	07/05
	M-CLASS (164)	320 CDi Diesel 4 Matic	OM642.940	07/05
	M-CLASS (164)	420 CDi Diesel 4 Matic	OM629.912	02/06
	R-CLASS (251)	280 CDi Diesel 4 Matic	OM6422.950	05/06
	R-CLASS (251)	320 CDi Diesel 4 Matic	OM6422.950	01/06
	S-CLASS (221)	320 CDi Diesel	OM642.930	12/05
	S-CLASS (221)	420 CDi Diesel	OM629.911	10/06

LP108

OPEL	MOVANO	2.8 DTi Turbo Diesel	S9W 702	01/99	01/08
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LP109

CITROEN	C5	2.0 HDi Turbo Diesel	DW10BTED4	09/04
	C8	2.0 HDi Turbo Diesel		03/06
FIAT	SCUDO	2.0 D Multijet	RHK	01/07
	SCUDO	2.0 D Multijet	RHR	01/07
FORD	C MAX	2.0 TDCi		02/07
	GALAXY MPV	2.0 TDCi Turbo Diesel	QXWA/QXWB	05/06
	MONDEO MKIV	2.0 TDCi Turbo Diesel		03/07
	MONDEO MKIV	2.0 TDCi Turbo Diesel		03/07
	S MAX	2.0 TDCi Turbo Diesel	QXWA/QXWB	05/06
VOLVO	S40 II	2.0 Diesel	D4204T	01/04
	V50	2.0 Diesel	D4204T	04/04

LP110

CITROEN	BERLINGO	1.6 HDi Turbo Diesel	DV6B	07/05
	BERLINGO	1.6 HDi Turbo Diesel	DV6AETD	07/05
	C1	1.4 HDi Turbo diesel	DV4D	06/05
	C4	1.6 HDi Turbo Diesel	9HZ (DV6ATED4) 9HY (DV6ATED4)	03/06
	JUMPY	1.6 HDi Turbo Diesel		01/07
FORD	FIESTA 5	1.6 TDCi	HHJA/HHJB	11/04
PEUGEOT	107	1.4 HDi Turbo Diesel		06/05
	207	1.4 HDi Turbo Diesel		02/06
	207	1.6 HDi Turbo Diesel	9HX (DV6ATED)	02/06
	207	1.6 HDi Turbo Diesel	9HY/HZ (DV6ATED4)	02/06
	1007	1.4 HDi Turbo Diesel	8HX/HZ (DV4TD)	06/07

LP111

DAEWOO (SSANGYONG)	KYRON	2.0 Xdi Diesel		05/05
	RODIUS	2.7 Xdi Diesel		05/05

LP112

OPEL	CAMPO	2.5 Turbo Diesel	4JA1/T	08/91
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LP113

KIA	RIO II	1.5 CRDi		03/05
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LP114

CITROEN	C5	2.2 HDi Turbo Diesel		04/06
	C6	2.2 HDi Turbo Diesel		06/06

LP115

OPEL	SIGNUM	3.0 CDTi Turbo Diesel	Y30DT	06/03
	SIGNUM	3.0 CDTi Turbo Diesel	Z30DT	08/05
	VECTRA C	3.0 CDTi Turbo Diesel	Y30DT	06/03
	VECTRA C	3.0 CDTi Turbo Diesel	Z30DT	08/05
RENAULT	ESPACE MPV	3.0 dCi Turbo Diesel	P9X 701	11/02
SAAB	95	3.0 TiD Turbo Diesel	D308L	07/01
VAUXHALL	SIGNUM	3.0 CDTi Turbo Diesel	Y30DT	06/03
	SIGNUM	3.0 CDTi Turbo Diesel	Z30DT	08/05
	VECTRA	3.0 CDTi Turbo Diesel	Y30DT	06/03
	VECTRA	3.0 CDTi Turbo Diesel	Z30DT	08/05

07/05



LP116					
KIA	K2500	2.5 Diesel			01/03
LP117					
NISSAN	X-TRAIL	2.2 Di Turbo Diesel 4x4	YD22ETI		07/01
LP118					
MAZDA	PREMACY	2.0 Diesel	RF		06/99 2004
LP119					
JAGUAR	XJ6	2.7			10/05
LP120					
KIA	CARENS III	2.0 CRDi	D4EA		09/06
LP121					
HYUNDAI	i-30	1.6 CRDi			10/07
	i-30	2.0 CRDi			10/07
LP122					
HONDA	CR-V MKII	2.2 CTDi			02/05 09/06
	CR-V MKIII	2.2 i - CTDi			01/07
LP123					
MAZDA	5	2.0 CD			03/05
	5	2.0 CD	RF7J		06/05
LP124					
NISSAN	PATHFINDER	2.5 dCi 4WD			10/06
LP125					
TOYOTA	RAV-4 III	2.2 D-4D	2AD-FTV		03/06
LP126					
TOYOTA	RAV-4 III	2.2 D-CAT	2AD-FHV		03/06
LP127					
NISSAN	QASHQAI	1.5 DCi Turbo Diesel			02/07
LP128					
HYUNDAI	TUCSON	2.0 CRDi			01/06
LP129					
MAZDA	3	1.6 DI Turbo	Y601		06/04
LP130					
MITSUBISHI	OUTLANDER	2.0 DI-D			02/07
LP131					
MITSUBISHI	SHOGUN MKIV	3.2 DI-D			02/07
LP132					
MITSUBISHI	COLT III	1.8 Diesel GLX	4D56		04/88 05/92
LP133					
MITSUBISHI	COLT V	1.5 DI-D	OM639		08/04

LP001



A	B	C	D	E
74	28	M12 x 1.25	12mm	11V

LP002



A	B	C	D	E
87	24	M10 x 1.25	12mm	5V

LP003



A	B	C	D	E
81	18	M10 x 1.25	12mm	5V

LP004



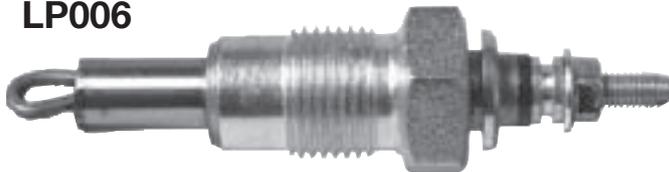
A	B	C	D	E
81	18	M10 x 1.25	12mm	5V

LP005



A	B	C	D	E
67	20	M12 x 1.25	12mm	11V

LP006



A	B	C	D	E
87.5	27.4	M18 x 1.50	21mm	0.9V

LP007



A	B	C	D	E
110	20	M14 x 1.25	17mm	1.7V

LP008



A	B	C	D	E
97.2	28	M10 x 1.25	12mm	7V

LP009



A	B	C	D	E
97.2	28	M10 x 1.25	12mm	11V

LP010



A	B	C	D	E
88	22	M10 x 1.25	12mm	12V

LP011



A	B	C	D	E
60.5	20	M12 x 1.25	12mm	6.5V

LP012



A	B	C	D	E
69	19	M10 x 1.25	12mm	11V

LP013



A	B	C	D	E
88	21.5	M10 x 1.25	12mm	11V

LP014



A	B	C	D	E
69	19	M10 x 1.25	12mm	23V

LP015



A	B	C	D	E
92	32	M10 x 1.25	12mm	7V

LP016



A	B	C	D	E
97.2	28	M10 x 1.25	12mm	8.5V

LP017



A	B	C	D	E
97	28	M10 x 1.25	12mm	14V

LP018



A	B	C	D	E
97.2	28	M10 x 1.25	12mm	10.5V

LP019



A	B	C	D	E
97	28	M10 x 1.25	12mm	23V

LP020



A	B	C	D	E
71	24.5	M12 x 1.25	12mm	11.5V

LP021



A	B	C	D	E
68	22	M12 x 1.25	12mm	11.5V

LP022



A	B	C	D	E
59.5	20	M12 x 1.25	12mm	11V

LP023



A	B	C	D	E
96	19	M10 x 1.25	12mm	11V

LP024



A	B	C	D	E
124	26.5	M10 x 1.00	12mm	11.5V

LP025



A	B	C	D	E
82	19	M10 x 1.25	12mm	11V

LP026



A	B	C	D	E
61	20	M12 x 1.25	12mm	11V

LP027



A	B	C	D	E
90.5	24	M12 x 1.00	12mm	11V

LP028



A	B	C	D	E
136	25	M12 x 1.25	12mm	11V

LP029



A	B	C	D	E
87	24	M10 x 1.25	12mm	11V

LP030



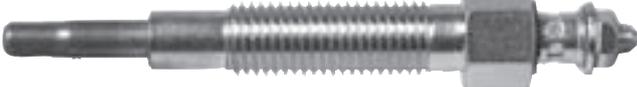
A	B	C	D	E
65	17	M10 x 1.25	12mm	24V

LP031



A	B	C	D	E
90	21	M10 x 1.25	12mm	6.5V

LP032



A	B	C	D	E
84	19	M10 x 1.25	12mm	11V

LP033



A	B	C	D	E
71	24.5	M12 x 1.25	12mm	11V

LP034



A	B	C	D	E
71	24.5	M12 x 1.25	12mm	11V

LP035



A	B	C	D	E
71	24.5	M12 x 1.25	12mm	11V

LP036



A	B	C	D	E
71	24.5	M12 x 1.25	12mm	11V

LP037



A	B	C	D	E
89	29	M10 x 1.00	10mm	11V

LP038



A	B	C	D	E
71	24.5	M12 x 1.25	12mm	11V

LP039



A	B	C	D	E
119	27.5	M12 x 1.25	12mm	11.5V

LP040



A	B	C	D	E
117	27.5	M12 x 1.25	12mm	11.5V

LP041



A	B	C	D	E
85	24	M10 x 1.00	10mm	11V

LP042



A	B	C	D	E
67	25	M12 x 1.25	12mm	11V

LP043



A	B	C	D	E
95.5	29	M10 x 1.00	10mm	11V

LP044



A	B	C	D	E
88	22	M10 x 1.25	12mm	6V

LP045



A	B	C	D	E
86.5	27	M12 x 1.25	12mm	11.5V

LP046



A	B	C	D	E
72	20	M12 x 1.25	12mm	12V

LP047



A	B	C	D	E
118	33.4	M10 x 1.00	10mm	11V

LP048



A	B	C	D	E
64	17.5	M12 x 1.25	12mm	11V

LP049



A	B	C	D	E
124	28.5	M10 x 1.25	10mm	11V

LP050



A	B	C	D	E
92	24.5	M10 x 1.25	10mm	11V

LP051



A	B	C	D	E
105.5	27.3	M10 x 1.25	10mm	11V

LP052



A	B	C	D	E
95.5	24	M10 x 1.00	10mm	11V

LP053



A	B	C	D	E
106.5	32.5	M10 x 1.00	10mm	11V

LP054



A	B	C	D	E
133.5	28.5	M10 x 1.00	10mm	11V

LP055



A	B	C	D	E
129	27	M10 x 1.00	10mm	11V

LP056



A	B	C	D	E
125	34.5	M10 x 1.00	10mm	12V

LP057



A	B	C	D	E
128	29.8	M10 x 1.00	10mm	11V

LP058



A	B	C	D	E
77.5	25	M10 x 1.00	10mm	11V

LP059



A	B	C	D	E
133.5	28.5	M10 x 1.00	10mm	11V

LP060



A	B	C	D	E
92	24.5	M10 x 1.25	10mm	10V

LP061



A	B	C	D	E
120	39.6	M10 x 1.00	10mm	11.5V

LP062



A	B	C	D	E
98	24.5	M10 x 1.25	10mm	11V

LP063



A	B	C	D	E
81	29	M12 x 1.25	12mm	12V

LP064



A	B	C	D	E
69	27.5	M12 x 1.25	12mm	12V

LP065



A	B	C	D	E
86	17.5	M10 x 1.25	12mm	11V

LP066



A	B	C	D	E
84.5	24	M10 x 1.00	10mm	11V

LP067



A	B	C	D	E
81	19.5	M10 x 1.25	12mm	11V

LP068



A	B	C	D	E
161	35	M10 x 1.25	12mm	11V

LP069



A	B	C	D	E
76.5	20	M10 x 1.25	12mm	11V

LP070



A	B	C	D	E
88	22	M10 x 1.25	12mm	11V

LP071



A	B	C	D	E
66	15.5	M12 x 1.25	12mm	11V

LP072



A	B	C	D	E
102	24	M10 x 1.00	10mm	11V

LP073



A	B	C	D	E
88.5	24	M10 x 1.00	10mm	11V

LP074



A	B	C	D	E
145	35	M10 x 1.00	10mm	11V

LP075



A	B	C	D	E
150.5	24	M10 x 1.00	10mm	11V

LP076



A	B	C	D	E
144	24	M10 x 1.25	12mm	11V

LP077



A	B	C	D	E
135	30	M10 x 1.00	10mm	11V

LP078



A	B	C	D	E
140	24	M10 x 1.25	12mm	11V

LP079



A	B	C	D	E
81	216	M10 x 1.25	12mm	11V

LP080



A	B	C	D	E
120	27.5	M8 x 1.00	8mm	11V

LP081



A	B	C	D	E
90	32	M10 x 1.25	12mm	11V

LP082



A	B	C	D	E
89	21	M10 x 1.25	12mm	11V

LP083



A	B	C	D	E
128	30.2	M10 x 1.00	10mm	11V

LP084

Please Note: this image is not to scale



A	B	C	D	E
212	23	M10 x 1.25	12mm	11V

LP085



A	B	C	D	E
180	20.5	M10 x 1.25	12mm	11V

LP086



A	B	C	D	E
111	29	M10 x 1.00	10mm	11V

LP087



A	B	C	D	E
96.5	29	M10 x 1.00	10mm	5V

LP088



A	B	C	D	E
117	29.5	M8 x 1.00	8mm	4.4V

LP089



A	B	C	D	E
106	32	M10 x 1.00	10mm	5V

LP090

Illustration
not
available

A	B	C	D	E
133.5	28.5	M10 x 1.00	10mm	5V

LP091

Illustration
not
available

A	B	C	D	E
133	30	M10 x 1.00	10mm	5V

LP092

Illustration
not
available

A	B	C	D	E
127	24.5	M10 x 1.00	10mm	4.4V

LP093



A	B	C	D	E
152	39.5	M8 x 1.00	8mm	11V

LP094



A	B	C	D	E
160	35.5	M10 x 1.25	10mm	11V

LP095



A	B	C	D	E
126.5	24.5	M8 x 1.00	8mm	11V

LP096



A	B	C	D	E
95.5	28.5	M10 x 1.00	10mm	11V

LP097



A	B	C	D	E
130	26	M10 x 1.00	10mm	11.5V

LP098



A	B	C	D	E
119	27.5	M8 x 1.00	8mm	11V

LP099



A	B	C	D	E
129.5	29.5	M10 x 1.00	10mm	11V

LP100



A	B	C	D	E
126	24.5	M8 x 1.00	8mm	11V

LP101



A	B	C	D	E
153	29	M9 x 1.00	9mm	11V

LP102



A	B	C	D	E
106.5	24.5	M10 x 1.00	10mm	11V

LP103



A	B	C	D	E
149	26	M10 x 1.00	8mm	11.5V

LP104



A	B	C	D	E
170	35	M10 x 1.25	12mm	11V

LP105

Illustration
not
available

A	B	C	D	E
86	22	M10 x 1.25	12mm	7V

LP106

Illustration
not
available

A	B	C	D	E
90.5	33	M10 x 1.25	12mm	11V

LP107



A	B	C	D	E
148.5	27	M8 x 1.0	12mm	4.4V

LP108



A	B	C	D	E
92	41	M20 x 1.25	21/24mm	11V

LP109



A	B	C	D	E
118.4	27.75	M10 x 1.0	10mm	11V

LP110



A	B	C	D	E
124.5	28	M8 x 1.0	8mm	11V

LP111



A	B	C	D	E
151	24.5	M10 x 1.0	10mm	11V

LP112

Illustration
not
available

A	B	C	D	E
140	24	M12 x 1.25	12mm	11V

112 PICTURE GUIDE

LP113



A	B	C	D	E
134.5	30	M10 x 1.25	12mm	11V

LP114



A	B	C	D	E
97	28	M8 x 1.0	8mm	11V

LP115



A	B	C	D	E
132	24	M10 x 1.25	12mm	11V

LP116



A	B	C	D	E
84.5	18	M10 x 1.25	12mm	11V

LP117



A	B	C	D	E
179	20.8	M10 x 1.0	12mm	11V

LP118



A	B	C	D	E
75	21	M10 x 1.25	12mm	11V

LP119



A	B	C	D	E
126.5	25	M8 x 1.0	8mm	11V

LP120



A	B	C	D	E
111	28.5	M10 x 1.0	10mm	11V

LP121



A	B	C	D	E
134.5	30	M12 x 1.25	12mm	11V

LP122



A	B	C	D	E
160	30	M12 x 1.25	12mm	11V

LP123

Illustration
not
available

A	B	C	D	E
122	30	M12 x 1.25	12mm	11V

LP124



A	B	C	D	E
180	21.5	M12 x 1.25	12mm	11V

LP125



A	B	C	D	E
160	28	M10 x 1.25	10mm	11V

LP126



A	B	C	D	E
160	28	M10 x 1.25	10mm	11V

LP127



A	B	C	D	E
88.5	23.5	M10 x 1.00	10mm	11V

ALFA ROMEO

773592	LP033
46451951	LP052
60507123	LP001
60596245	LP033
60617002	LP043
60816139	LP052
116610535800	LP001
46451951	LP052
46754154	LP063
60507123	LP001
71713981	LP063

BERU

0100100203	LP007
0100101302	LP006
0100220114	LP012
0100221102	LP033
0100221103	LP001
0100221106	LP033
0100221107	LP020
0100221108	LP005
0100221125	LP064
0100221132	LP005
0100221133	LP033
0100221141	LP001
0100221144	LP005
0100221145	LP001
0100221146	LP005
0100221147	LP010
0100221148	LP016
0100221151	LP015
0100221154	LP025
0100221163	LP035
0100221168	LP025
0100221170	LP004
0100221186	LP002
0100222101	LP015
0100226129	LP024
0100226163	LP036
0100226164	LP026
0100226170	LP017
0100226171	LP032
0100226173	LP022
0100226180	LP008
0100226182	LP018
0100226183	LP044
0100226184	LP041
0100226185	LP034
0100226188	LP037
0100226189	LP035
0100226194	LP013
0100226198	LP005
0100226199	LP046
0100226206	LP049
0100226207	LP029
0100226208	LP003

0100226227	LP027
0100226229	LP034
0100226234	LP021
0100226235	LP040
0100226237	LP026
0100226238	LP066
0100226242	LP009
0100226243	LP081
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0100226258	LP039
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0100226370	LP054
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0100226437	LP094
0100226474	LP096
0100226489	LP077
0100226495	LP065
0100226497	LP076
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0100230107	LP030
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0100266003	LP090
0100266008	LP087
0100266009	LP088

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0100276003	LP093
0100276004	LP080
0100278008	LP098
105MN	LP001
141MJ	LP022
151MJ	LP033
162MJ	LP022
214GK	LP006
220G	LP007
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624MJ	LP064
631MJ	LP005
642MJ	LP064
636MJ	LP033
657MJ	LP001
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663MJ	LP001
666MJ	LP005
673MJ	LP010
678MJ	LP016
685MJ	LP025
688MJ	LP015
689MJ	LP011
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718MJ	LP021
719MJ	LP035
725MJ	LP027
728MJ	LP025
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844MJ	LP026
852MJ	LP036
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897MJ	LP018
898MJ	LP044
905MJ	LP041
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944MJ	LP049
945MJ	LP003

946MJ	LP029
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948MJ	LP040
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966MJ	LP048
967MJ	LP009
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991MJ	LP042
999MJ	LP066
GD214	LP006
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GD348	LP006
GE100	LP087
GE101	LP088
GE102	LP089
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GE104	LP091
GE108	LP092
GN003	LP055
GN005	LP025
GN007	LP043
GN008	LP056
GN010	LP057
GN012	LP058
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GN018	LP073
GN019	LP062
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GN022	LP048
GN024	LP053
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GN026	LP075
GN027	LP051
GN028	LP067
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GN033	LP077
GN035	LP086
GN037	LP064
GN041	LP072
GN042	LP094
GN043	LP009
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GN045	LP095
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GN047	LP080
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GN053	LP098
GN055	LP099
GN057	LP100
GN059	LP101

BERU (continued)

GN103	LP065
GN104	LP076
GN854	LP032
GN855	LP027
GN857	LP022
GN858	LP021
GN860	LP039
GN905	LP041
GN908	LP033
GN909	LP033
GN912	LP037
GN917	LP033
GN925	LP005
GN927	LP005
GN928	LP046
GN939	LP074
GN944	LP049
GN947	LP003
GN948	LP040
GN954	LP033
GN955	LP070
GN959	LP026
GN961	LP045
GN963	LP050
GN964	LP047
GN966	LP048
GN970	LP038
GN984	LP064
GN985	LP102
GN989	LP103
GN991	LP042
GN992	LP059
GN993	LP060
GN994	LP079
GN997	LP078
GN999	LP066
GV105	LP001
GV151	LP033
GV603	LP020
GV604	LP005
GV624	LP033
GV631	LP005
GV636	LP033
GV642	LP064
GV657	LP001
GV661	LP005
GV663	LP001
GV673	LP010
GV678	LP016
GV688	LP015
GV689	LP011
GV705	LP025
GV719	LP033
GV727	LP033
GV728	LP025

GV730	LP004
GV742	LP033
GV749	LP002
GV783	LP024
GV844	LP026
GV852	LP033
GV853	LP017
GV886	LP008
GV888	LP011
GV889	LP012
GV890	LP014
GV894	LP015
GV895	LP017
GV897	LP018
GV898	LP044
GV917	LP035
GV920	LP012
GV921	LP013
GV945	LP003
GV946	LP029
GV947	LP003
GV963	LP009
GV968	LP081
GV969	LP019

BMW

12121286059	LP033
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12232248059	LP053
12232248422	LP054
12237786869	LP089
12237788957	LP090
12237791101	LP094
12121286059	LP033
12121286161	LP033
12231288245	LP033
12232241387	LP035
12232248059	LP053
12232248422	LP054
12239061353	LP033
12239061354	LP035

BOSCH

0250001001	LP006
0250002009	LP007
0250200049	LP001
0250200054	LP033
0250200058	LP005
0250200059	LP033
0250200063	LP022
0250200066	LP005
0250200068	LP001
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0250201005	LP033
0250201012	LP001
0250201013	LP064
0250201015	LP022
0250201017	LP005

0250201019	LP033
0250201021	LP022
0250201026	LP021
0250201027	LP035
0250201029	LP033
0250201030	LP033
0250201031	LP026
0250201032	LP022
0250201033	LP033
0250201034	LP001
0250201035	LP039
0250201036	LP046
0250201038	LP040
0250201039	LP020
0250201041	LP021
0250201042	LP036
0250201045	LP034
0250201049	LP048
0250201050	LP026
0250201405	LP005
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0250202014	LP012
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0250202032	LP051
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0250202035	LP050
0250202036	LP072
0250202038	LP099
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0250202041	LP057
0250202042	LP059
0250202043	LP076
0250202046	LP096
0250202051	LP008
0250202052	LP009
0250202053	LP081
0250202054	LP015
0250202058	LP018
0250202060	LP013

0250202062	LP011
0250202064	LP030
0250202065	LP002
0250202069	LP014
0250202076	LP017
0250202077	LP012
0250202079	LP009
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0250202086	LP003
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0250202093	LP032
0250202094	LP070
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0250202103	LP053
0250202125	LP068
0250202128	LP075
0250202129	LP062
0250202404	LP008
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0250203002	LP098
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0250312002	LP023
0250312003	LP065
0250312007	LP067

CHAMPION

CH101	LP044
CH102	LP012
CH103	LP015
CH104	LP017
CH105	LP011
CH110	LP002
CH121	LP016
CH128	LP014
CH129	LP012
CH132	LP015
CH133	LP018
CH137	LP064
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CH161	LP012
CH161	LP012
CH162	LP013
CH163	LP034
CH164	LP033
CH164	LP033
CH166	LP052
CH167	LP038
CH168	LP037
CH169	LP041
CH170	LP051

CHAMPION (continued)

CH171	LP027
CH172	LP066
CH173	LP036
CH174	LP035
CH175	LP039
CH176	LP021
CH177	LP040
CH178	LP024
CH179	LP026
CH181	LP043
CH183	LP064
CH184	LP073
CH185	LP037
CH186	LP032
CH187	LP017
CH188	LP003
CH189	LP036
CH190	LP049
CH196	LP060
CH200	LP080
CH201	LP005
CH202	LP046
CH203	LP053
CH204	LP045
CH205	LP048
CH206	LP042
CH207	LP059
CH208	LP047
CH209	LP069
CH215	LP056
CH216	LP058
CH217	LP050
CH218	LP055
CH219	LP057
CH222	LP072
CH229	LP074
CH231	LP077
CH232	LP075
CH233	LP062
CH239	LP103
CH239	LP103
CH242	LP025
CH271	LP027
CH28	LP006
CH302	LP009
CH306	LP002
CH45	LP007
CH60	LP022
CH61	LP006
CH62	LP001
CH63	LP005
CH68	LP020
CH69	LP022
CH70	LP001
CH79	LP005

CH87	LP033
CH88WS	LP064
CH90	LP004
CH94	LP010
CH95	LP008
CH96	LP011
CH97	LP025

CITROEN

596012	LP080
596036	LP003
596064	LP051
596139	LP033
96009783	LP005
96104689	LP033
96236383	LP051
7932564528	LP033
9631658980	LP037
59621P	LP047
59621Q	LP047
59621R	LP020
59621X	LP026
59621Z	LP022
59622Z	LP037
59623C	LP051
59623E	LP051
59623H	LP034
59623H	LP036
59623J	LP036
59624J	LP073
59624K	LP042
59627F	LP051
5962J2	LP033
5962J3	LP005
5962J4	LP033
5962J7	LP022
5962K5	LP033
5962S8	LP034
5962T1	LP033
5962T2	LP026
5962T3	LP002
5962W2	LP037
5962W3	LP037
5962W8	LP033
6154593	LP033
9150771880	LP033
9152191880	LP033
91536646	LP033
95493206	LP033
95534788	LP033
96009783	LP005
96141678	LP034
MKD00066	LP033
MKD00068	LP005
MKP00064	LP033
MKP00068	LP005
MKP00069	LP033

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DAIHATSU

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1985054071000	LP016
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1985058030000	LP016
1985064020000	LP009
1985068010	LP018
1985068030	LP016
1985068060	LP017
1985077702	LP009
1985087309	LP016
1985087701	LP008
1985087702000	LP009

FIAT

773592	LP033
46751764	LP069
46779614	LP098
60617002	LP043
60815294	LP064
77359200	LP033
98462492	LP071
500351992	LP093
9616572480	LP033
46447610	LP038
46451951	LP052
46751764	LP069
46754154	LP072
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4849406	LP033
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500316493	LP058
5493206	LP033
5951882	LP033
5973752	LP033
60507123	LP001
60812292	LP005
60814613	LP052
71713981	LP063
7632587	LP004
7777837	LP005
9623638380	LP051
98459883	LP071
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98462492	LP071
98498630	LP005

FORD

1001049	LP048
1037204	LP027
1045261	LP048
1079401	LP060
1096527	LP074
1148105	LP080

1587444	LP033
1590417	LP005
1669977	LP027
1690048	LP043
1952464	LP032
4025139	LP025
5023129	LP013
5023133	LP025
5023372	LP033
6063505	LP005
6154593	LP033
6163811	LP005
7072673	LP033
7088988	LP005
1001049	LP048
1008792	LP048
1056857	LP048
1587444	LP033
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1669977	LP048
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6063505	LP033
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6154593	LP033
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7088988	LP005
785F6M090BA	LP033
795F6M090AA	LP005
83BB6M090A1A	LP033
83BB6M090A2A	LP033
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84FF6M090B2A	LP005
84FF6M091AA	LP005
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88BB6M090AA	LP033
89FF6M090AA	LP005
93BB6M090A2A	LP033
93FF6M090AA	LP005
93FF6M09AA	LP005
94DD6M090AA	LP033
95DD6M090AA	LP043
95VW6M090AA	LP027
96DD6M090AA	LP043
96FF6M090AA	LP048
96FF6M090AB	LP048
96FF6M090CA	LP048
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EZD13	LP001
EZD18	LP010
EZD19	LP016
EZD21	LP015
EZD22	LP025

FORD (continued)

EZD24	LP002
EZD25	LP011
EZD27	LP022
EZD30	LP033
EZD33	LP027
EZD34	LP048
EZD35	LP048
EZD36	LP034
EZD37	LP060
EZD38	LP074
EZD39	LP048
EZD4	LP005
EZD40	LP080
EZD6	LP005
EZD7	LP025
EZD8	LP005
V94DD6M090AA	LP033
XM3412A342BA	LP025
XS4U6M090AB	LP060
XS7H6M090AA	LP064
XS7U6M090BA	LP074

HKT

B034	LP001
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B067	LP045
B072	LP005
B074	LP024
B076	LP036
B077	LP027
B078	LP021
B080	LP022
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B082	LP040
B083	LP042
B084	LP038
B085	LP041
B086	LP043
B087	LP037
B088	LP048
B089	LP051
B092	LP046
B094	LP050
B095	LP039
B096	LP066
B097	LP058
B098	LP059
B100	LP049
B103	LP073
B104	LP053
B105	LP060
B108	LP052
B109	LP072
CP01	LP025
CP02	LP023
CP07	LP067

CP50	LP065
CP70	LP025
PD190	LP008
PD191	LP009
PI46	LP002
PI49	LP028
PI51	LP003
PI58	LP029
PM161	LP044
PM75	LP010
PN123	LP014
PN129	LP011
PN135	LP013
PN138	LP032
PN89	LP011
PT100	LP016
PT103	LP015
PT104	LP016
PT107	LP008
PT140	LP015
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PT145	LP018
PT150	LP009
PT151	LP081
PT94	LP014
PZ33	LP025

HONDA

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HYUNDAI

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3671042000	LP013
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3671042020	LP013
3671042510	LP023

IVECO

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500316493	LP058
98462492	LP071

98498630	LP005
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JAGUAR

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KIA

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LANCIA

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60617002	LP043
77359200	LP033
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46451951	LP052
46754154	LP072
9623638380	LP051
98462492	LP071

LANDROVER

STC2222	LP035
STC2223	LP035
STC3103	LP035

MAZDA

RFG118601	LP025
S50118140A	LP025

MCC SMART

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MERCEDES

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1597701	LP033
1598101	LP020
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11592001	LP040
11592201	LP033
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11592701	LP057
11592801	LP055
11593501	LP033
11593601	LP021
11593701	LP055
11595101	LP091
6601590001	LP061
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MITSUBISHI

MD014997	LP044
MD050212	LP010
MD070194	LP010
MD070198	LP010
MD077167	LP013
MD092392	LP044
MD197511	LP067
ME200970	LP082
ME201638	LP082
MM409510	LP025

NGK

CP05	LP082
CP22	LP083
CX01	LP031
CY01	LP025
CY02	LP023
CY03	LP065
CY05	LP082
CY07	LP067
CY22	LP083
CY51	LP025
CY52	LP023
CY53	LP065
CY55	LP082
CY57	LP067
CY58	LP032
CZ01	LP025
CZ21	LP084
CZ22	LP076
CZ51	LP025
DG237	LP006
Y104R	LP002
Y107R	LP025
Y112M	LP012
Y115R1	LP044
Y115T	LP010
Y118R	LP015
Y128T	LP016
Y146R	LP008
Y147T	LP018
Y149	LP067
Y154RS	LP002
Y162R	LP014
Y197R	LP017
Y204RS	LP011
Y204V	LP022
Y208T	LP001
Y306R	LP002

NGK (continued)

Y307R	LP003
Y501U	LP056
Y502R	LP058
Y503R	LP037
Y504R	LP051
Y506R	LP050
Y507R	LP053
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Y516J	LP062
Y517J	LP075
Y523J	LP077
Y524J	LP060
Y525J	LP074
Y701J	LP025
Y703R	LP009
Y705RS	LP012
Y707RS	LP013
Y710J	LP029
Y711	LP003
Y712RS	LP032
Y714U	LP043
Y715R	LP081
Y719RS	LP003
Y729U	LP024
Y730U	LP041
Y731U	LP037
Y732U	LP027
Y733J	LP067
Y738U	LP047
Y740U	LP066
Y741U	LP043
Y742U	LP029
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Y745U	LP055
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Y747U	LP052
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Y901R	LP022
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Y907R	LP005
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Y913M	LP033
Y914U	LP033
Y916R	LP021
Y917U	LP033
Y918R	LP022
Y920R	LP005
Y922R	LP033
Y923U	LP033
Y924U	LP033
Y925R	LP040

Y926U	LP005
Y927R	LP042
Y928U	LP038
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Y930U	LP039
Y932R	LP026
Y935U	LP005
Y937R	LP048
Y938R	LP033
Y973R	LP048
YE04	LP080

NISSAN

1106537506	LP012
110652W202	LP084
1106531N00	LP032
1106531W00	LP012
1106534W00	LP012
1106543G01	LP013
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110655C900	LP023
1106563G00	LP013
110657F400	LP079
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11065C8600	LP030
11065G2400	LP032
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11065V7202	LP025
11065V7202	LP031
11065V7203	LP025
11065W2500	LP011
11065W3410	LP011
11065Y9703	LP022

OPEL

1214033	LP077
1214035	LP076
1214301	LP076
1214304	LP033
1214305	LP077
1214306	LP033
1214308	LP002
1214309	LP003
1214316	LP065
1214319	LP033
1214321	LP028
1214322	LP049
1214323	LP028
1214427	LP043
1214457	LP059
1214459	LP078
4300425	LP028
4403145	LP005
5614218	LP020
5614221	LP002

9110724	LP027
9111145	LP005
9118201	LP059
88900715	LP055
88900716	LP043
88900717	LP056
88900718	LP057
88900719	LP061
88900720	LP048
88900721	LP053
88900722	LP027
88900723	LP022
88900729	LP038
88900731	LP020
88900739	LP002
88900741	LP021
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90569338	LP059
94133759	LP028
94402303	LP003
94439218	LP002
94481972	LP003
97143674	LP078
944221719	LP002
1214304	LP033
1214305	LP033
1214306	LP033
1214307	LP033
1214308	LP002
1214309	LP003
1214310	LP003
1214311	LP029
1214312	LP029
1214316	LP065
1214317	LP035
1214322	LP049
1214323	LP028
1214427	LP043
1214457	LP059
90040991	LP005
90051950	LP033
90093867	LP033
90093897	LP033
90166155	LP033
90487858	LP035
94439218	LP002

PEUGEOT

596012	LP080
596036	LP003
596064	LP051
596139	LP033
96009783	LP005
96104689	LP033
96236383	LP051
7932564528	LP033
9631658980	LP037

596139	LP033
596140	LP033
596153	LP033
596154	LP033
596158	LP033
59621P	LP047
59621Q	LP047
59621Z	LP022
59622Y	LP037
59623C	LP051
59623E	LP051
59623H	LP034
59623H	LP036
59623J	LP036
59624J	LP073
596274	LP033
59627F	LP051
5962J2	LP033
5962J3	LP005
5962J4	LP033
5962J5	LP020
5962J6	LP022
5962J7	LP022
5962K5	LP033
5962R8	LP034
5962S8	LP033
5962S8	LP034
5962T1	LP033
5962T2	LP026
5962T3	LP002
5962W3	LP037
5962W8	LP033
59634K	LP042
9150861080	LP022
9150861080	LP033
9152191880	LP033
9553478880	LP033
96141678	LP034
9616572480	LP034
9633214380	LP036
MKD00066	LP033
MKD00068	LP005
MKP00064	LP033
MKP00068	LP005
MKP00069	LP033
MKP00071	LP022

RENAULT

5001001587	LP033
7700100558	LP050
7700100586	LP066
7700100635	LP062
7700103674	LP075
7700105290	LP042
7700111323	LP073
7700111940	LP062
7700662199	LP033

RENAULT (continued)

7700715768	LP033
7700854538	LP026
7700855865	LP033
7700856238	LP033
7700856292	LP026
7700860796	LP041
7700867002	LP042
7701029762	LP033
7701040208	LP005
7701349475	LP033
7701349949	LP026
7701414077	LP022
7701414079	LP020
7701414084	LP001
7701414086	LP033
7701414088	LP022
7701414089	LP005
7701414157	LP021
7701414162	LP033
8200012099	LP075
8200090817	LP064
8671004016	LP022
8671004017	LP005
8671004018	LP033
7700100558	LP050
7700100586	LP066
7700111323	LP073
7700673874	LP033
7700701130	LP033
7700704185	LP064
7700715768	LP033
7700734956	LP064
7700856238	LP036
7700856292	LP026
7700860796	LP041
7700861906	LP041
7700867617	LP026
7700874336	LP042
7701039387	LP035
7701349475	LP033

ROVER

568335	LP007
ADU9830	LP033
ERC8648	LP001
ETC8847	LP024

ROVER GROUP

247712F1	LP007
510078	LP007
568335	LP007
ERC8450	LP033
ETC8847	LP024
NCC100050	LP041

SMART

0004562V003000000	LP061
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SUZUKI

1855078	LP025
00000A01289	LP033
09900HDI01	LP051
1532086CB0	LP033
1855067G00	LP051

TALBOT

9150771580	LP033
9152191880	LP033
9150771580	LP033
9150771980	LP033

TOYOTA

1985027010	LP068
1985045030	LP015
1985056021	LP016
1985058010	LP019
1985064010	LP008
1985064020	LP009
1985067020	LP083
1985068010	LP018
1985068020	LP019
1985068030	LP016
1985068040	LP019
1985068060	LP017
1985087309	LP016
198500W010	LP094
1985045030	LP015
1985045031	LP015
1985054030	LP015
1985054031	LP015
1985054050	LP015
1985054090	LP081
1985056010	LP014
1985056021	LP016
1985056022	LP016
1985064020	LP009
1985068010	LP018
1985068030	LP016
1985068060	LP017
1985087309	LP016
1985087701	LP008

VAG

59963319	LP056
68905061	LP022
059963319	LP056
059963319A	LP056
062905061A	LP097
3940685	LP001
61905061	LP022
68905061	LP022
N0191001	LP022
N0191002	LP022
N0191005	LP022
N0191006	LP022
N10140101	LP027

N10140102	LP027
N10140103	LP027
N10213001	LP022
N10213002	LP022
N10302101	LP046
N10302102	LP046
N10579201	LP096
N10579802	LP088
N10591602	LP087
SE138919000A	LP001

VAUXHALL

1214316	LP065
9201698	LP075
90033357	LP033
93178225	LP077
93178411	LP101
97080554	LP065
97210818	LP076
90166155	LP033
90210824	LP033
90464737	LP049
90510924	LP034
90569338	LP059
9118201	LP059
94133759	LP028
94221719	LP002
94241449	LP002
94319700	LP029
94402303	LP003
94421719	LP002
94439218	LP002
94481972	LP003
97044037	LP003
97080554	LP065

VOLVO

829857	LP033
1257889	LP022
1275580	LP046
3287815	LP033
8631607	LP095
125714	LP022
1257889	LP022
1275498	LP073
1542319	LP001
30862690	LP066
3092109	LP001
3287815	LP064
840643	LP033

Lucas CAV to Lucas ICN

Lucas CAV Number 9009.049 – 7167.620B
Lucas ICN Number SRB850



Lucas CAV Number 9109.241 – 9109.262A
Lucas ICN Number SRB856



Lucas CAV Number 9108.073A
Lucas ICN Number SRB851



Lucas CAV Number 9108.153A
Lucas ICN Number SRB857



Lucas CAV Number 7167.620A
Lucas ICN Number SRB852



Lucas CAV Number 9108.147C
Lucas ICN Number SRB858



Lucas CAV Number 7167.620D
Lucas ICN Number SRB853



Lucas CAV Number 9108.154B
Lucas ICN Number SRB859



Lucas CAV Number 7185.900W
Lucas ICN Number SRB854



Lucas CAV Number 9108.152A
Lucas ICN Number SRB860



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