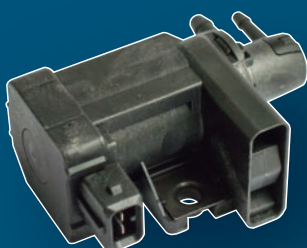




FAE

CEV1

**ELECTRIC VALVES
ELECTROVÁLVULAS
VANNES ÉLECTRIQUES**





www.fae.es



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INTRODUCCIÓN / GARANTÍA
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 FAE	SYMBOL SÍMBOLO SYMBOLE	DESCRIPTION DENOMINACIÓN DÉNOMINATION	CATALOG CATÁLOGO CATALOGUE		PICTURE FOTO IMAGE
10XXX 11XXX 12XXX 13XXX		Oil Pressure Switches Manocontactos Presión de Aceite Manocontacts Pression d'Huile	Ci2	Switches and Sensors Interruptores y Sensores Interrupteurs et Contacteurs	
14XXX		Oil and Air Pressure Transmitters Transmisores de Presión de Aceite y Aire Transmetteurs Pression d'Huile et d'Air	Ci2	Switches and Sensors Interruptores y Sensores Interrupteurs et Contacteurs	
15XXX		Manifold Absolute Pressure Sensors (MAP) Sensores de Presión Absoluta (MAP) Capteurs de Pression Absolute (MAP)	CGM2	Engine Management Gestión del Motor Gestion du Moteur	
161XX		Exhaust Gas Pressure Sensors Sensores Presión Gas de Escape Capteurs de Pression Gaz d'Échappement	CGM2	Engine Management Gestión del Motor Gestion du Moteur	
16XXX 17XXX 18XXX		Pneumatic Switches Manocontactos Neumáticos Manocontacts Pneumatiques	Ci2	Switches and Sensors Interruptores y Sensores Interrupteurs et Contacteurs	
20XXX 21XXX 22XXX		Hydraulic Stop Light Switches Interruptores Stop Hidráulicos Contacteurs Hydrauliques de Feu Stop	Ci2	Switches and Sensors Interruptores y Sensores Interrupteurs et Contacteurs	
23XXX 24XXX 25XXX		Mechanical Stop Light Switches Interruptores Stop Mecánicos Contacteurs Mécaniques de Feu Stop	Ci2	Switches and Sensors Interruptores y Sensores Interrupteurs et Contacteurs	
24XXX		Clutch Pedal Switches Interruptores Pedal Embrague Contacteurs en Pedale d'Embrayage	Ci2	Switches and Sensors Interruptores y Sensores Interrupteurs et Contacteurs	
26XXX 27XXX 28XXX		Pneumatic Stop Light Switches Interruptores Stop Neumáticos Contacteurs Pneumatiques de Feu Stop	Ci2	Switches and Sensors Interruptores y Sensores Interrupteurs et Contacteurs	
30XXX 31XXX 32XXX		Temperature Sending Units Termo-Resistencias Thermistances	Ci2	Switches and Sensors Interruptores y Sensores Interrupteurs et Contacteurs	
33XXX		Sensors Sensores Senseurs	CGM2	Engine Management Gestión del Motor Gestion du Moteur	
33XXX		Air Temperature Sensors Sensores Temperatura de Aire Capteurs Temperature d'Air	CGM2	Engine Management Gestión del Motor Gestion du Moteur	
34XXX		Thermistors - Thermocontacts Termo-Resistencias - Thermocontactos Thermistances - Thermocontacts	Ci2	Switches and Sensors Interruptores y Sensores Interrupteurs et Contacteurs	
35XXX		Temperature Warning Light Switches Termocontactos Temperatura Thermocontacts Temperature	Ci2	Switches and Sensors Interruptores y Sensores Interrupteurs et Contacteurs	
36XXX 37XXX 38XXX		Radiator Fan Switches Termocontactos Ventilador Thermocontacts pour Ventilateur	Ci2	Switches and Sensors Interruptores y Sensores Interrupteurs et Contacteurs	
4XXXX		Reversing Light Switches Interruptores de Luz Marcha Atrás Contacteurs de Phare de Recul	Ci2	Switches and Sensors Interruptores y Sensores Interrupteurs et Contacteurs	

FAE	SYMBOL SÍMBOLO SYMBOLE	DESCRIPTION DENOMINACIÓN DÉNOMINATION	CATALOG CATÁLOGO CATALOGUE		PICTURE FOTO IMAGE
54XXX 5XXXXXX		Thermostats / Water Flanges Termostatos / Tapas Thermostats / Boitiers de Sortie d'Eau	CT2	Thermostats Termostatos Thermostats	
55XXX		Control Valves (Heating) Electroválvula Termostática (Calefacción) Valves Magnétique (Chauffage)	CT2 CEV1	Electric valves Electroválvulas Vannes électriques	
56XXX		Electric Valves Electroválvulas Electrovannes	CEV1	Electric valves Electroválvulas Vannes électriques	
60XXX		Knock Sensors Sensores de Detonación Capteurs de Cliquetis	CGM2	Engine Management Gestión del Motor Gestion du Moteur	
6XXXX		Pannel Switches Conmutadores Commutateurs	Ci2	Switches and Sensors Interruptores y Sensores Interrupteurs et Contacteurs	
67XXX		Door and Alarm Switches Interruptores Puerta y Alarma Contacteurs de Porte et Avertisseur	Ci2	Switches and Sensors Interruptores y Sensores Interrupteurs et Contacteurs	
70XXX 71XXX		Standard - Glow Plugs Calentadores - Standard Bougies de Préchauffage - Standard	CBP5	Termoplus - Glow Plugs Bujías de Precalentamiento Bougies de Préchauffage	
73XXX		Diesel Stop Solenoids Switches Solenoides - Electroválvulas Solenoides - Électrovannes	CBP5 CEV1	Electric valves Electroválvulas Vannes électriques	
74XXX		Termoplus - Glow plugs Calentadores - Termoplus Bougies de Préchauffage - Termoplus	CBP5	Termoplus - Glow Plugs Bujías de Precalentamiento Bougies de Préchauffage	
75XXX		Wide Band Oxygen Sensors Sondas Lambda Banda Ancha Sondes Lambda à Large Bande	COX5	Oxygen Sensors Sondas Lambda Sondes Lambda	
77XXX		Oxygen Sensors Sondas Lambda Sondes Lambda	COX5	Oxygen Sensors Sondas Lambda Sondes Lambda	
78XXX		Wheel Speed Sensors - ABS Sensores Revoluciones Rueda - ABS Capteurs Vitesse Rotation de Roue - ABS	CABS2	Wheel Speed Sensors - ABS Sensores Rev. Rueda - ABS Capt. Vitesse Rot. Roue - ABS	
79XXX		Revolution and Timing Sensors (CMP&CKP) Captadores de Impulsos (CMP&CKP) Capteurs du Regime et de Position (CMP&CKP)	CGM2	Engine Management Gestión del Motor Gestion du Moteur	
80XXX		Ignition Coils Bobinas de Encendido Bobines d'Allumage	CE2	Ignition Encendido Allumage	
83XXX 85XXX 86XXX		Ignition Cable Set Juego de Cables de Encendido Faisceaux d'Allumage	CE2	Ignition Encendido Allumage	
98XXX 99XXX		Gauges, Kits, Gadgets, Various Indicadores, Kits, Gadgets, Varios Indicateurs, Kits, Gadgets, Divers	Ci2	Switches and Sensors Interruptores y Sensores Interrupteurs et Contacteurs	

INTRODUCTION / WARRANTY

Our new catalog **CEV1, Electric valves**, contains a large expansion of Electric switchover valve (electro-inverters) (EUV) and Electric pressure converter (transducer) (EDW), as well as the unification of our family of Thermostatic solenoid valves (Control Valve) (Heating), previously in our Catalog CT2 and our Solenoids – Valves injection, formerly CBP5, and has been created in close collaboration with our clients and partners.

FAE considers quality as a top priority, which is why we are immersed in a continuous improvement, promoting the use of the most advanced methods for the development and manufacture of our products, such as Computer Aided Design (CAD), automated controls and process, to obtain reliable test, etc. allowing us to overcome successfully our clients' quality audits, working together and developing products for their new vehicles. Our aim with this new catalog is to help our clients to identify our products. Given that car manufacturers are constantly modifying, we cannot ensure the full accuracy of the provided information in this **FAE** catalog, used only as a guide. Names and manufacture references are only used to find our products.

WARRANTY:

FAE guarantees all products against any manufacturing defects. This warranty is limited to the replacement of faulty spares.

FAE does not hold itself responsible for the improper use of the product by untrained personnel.

NOTES:

REFUND POLICY - **FAE** controls at 100% the production of all its products, checking and saving all manufacturing information. **FAE** does not refund any spare part which has been taken out of its sealed plastic wrapper.

- **FAE** does not accept any return of material, after a period of 15 days from the date of delivery. The return is subject of revision by **FAE**.

- **FAE** will refer to the Court of Barcelona in case of litigation.

- **FAE** reserves the right to modify the characteristics of its products without prior warning.

FAE products have the technology to replace and adapt the original equivalent and must be assembled by skilled specialist, having vehicle assembling knowledge and following **FAE** or the original manufacturer's instructions. Any assembled piece not placed by a skilled specialist that represents a problem in its functioning and/or the vehicle, will not be **FAE**'s responsibility.

INTRODUCCIÓN / GARANTÍA

Este nuevo catálogo **CEV1, Electroválvulas**, contiene una gran ampliación de Válvulas electro-inversoras (EUV) y Convertidores eléctrico de la presión (EDW), así como, la unificación de nuestra familia de Electroválvulas termostáticas (Calefacción), anteriormente en nuestro Catálogo CT2 y nuestros Solenoides-Electroválvulas, antiguo CBP5, y ha sido posible realizarla con la cooperación de nuestros clientes y colaboradores.

FAE considera la calidad como un objetivo prioritario, y por ello, estamos inmersos en una mejora continua, promoviendo la aplicación de los medios más innovadores para el proyecto y fabricación de nuestros productos, como son el diseño asistido por ordenador, la automatización de controles y procesos para obtener ensayos de fiabilidad, etc., que nos permiten superar con éxito las auditorías de calidad de nuestros clientes, llegando a desarrollar conjuntamente productos para sus nuevos vehículos. Con este catálogo, pretendemos ayudar a nuestros clientes en la rápida identificación de los productos de nuestra fabricación. Debido a las constantes variaciones de los fabricantes de vehículos, no podemos garantizar la completa exactitud de la información que se indica en este catálogo de **FAE**, sirviendo únicamente como guía. Los nombres y referencias de los fabricantes sirven únicamente para ayudar a encontrar más rápidamente nuestros productos.

GARANTÍA:

FAE garantiza todos los productos contra fallos de fabricación. La garantía se limita al cambio del producto defectuoso, no cubriendo la mala aplicación o manipulación del mismo por personal no especializado.

NOTAS:

DEVOLUCIÓN- **FAE** controla al 100% la producción de todos sus productos, comprueba y guarda la información del comportamiento de cada uno de ellos en el momento de su fabricación. Si cualquier producto ha sido extraído de su envoltorio de plástico, que va termo-sellado, no se podrá aceptar su devolución.

- **FAE** no aceptará ninguna devolución de material transcurridos 15 días de la fecha de suministro. Condicionado a la revisión del material devuelto.

- **FAE** ante cualquier tipo de litigio se remite a los Tribunales de Barcelona.

- **FAE** se reserva el derecho a modificar las características de sus productos sin previo aviso.

Los productos **FAE** tienen la tecnología para reemplazar y adaptarse a los equivalentes de origen y deben ser montados por personal especializado y con conocimientos en el montaje de componentes del vehículo, siguiendo las instrucciones de montaje de la pieza **FAE** y/o del origen. Cualquier montaje realizado por personal no especializado que represente un problema en el funcionamiento de la pieza y/o del vehículo no será responsabilidad de **FAE**.

INTRODUCTION / GARANTIE

Notre nouveau catalogue **CEV1, Vannes Électriques**, contient une grande expansion des Valves d'inversion (EUV) et des Convertisseurs de pression électriques (EDW), ainsi que l'unification de notre famille d'électrovannes thermostatiques (Valve magnétique) (Chauffage), précédemment dans notre Catalogue CT2 et nos Vannes solénoïde (Solenoides – Electrovanne), anciennement CBP5. Nous avons pu le réaliser grâce à la coopération de nos clients et partenaires.

FAE conçoit la qualité comme un objectif prioritaire, pour cela, nous nous engageons à améliorer constamment notre manière de faire, en utilisant au possible les moyens les plus modernes dans le développement et la fabrication de nos produits, tels que la conception assistée par ordinateur, l'automatisation des contrôles et des tests de fiabilité, etc. Cela nous permet de passer avec succès les Contrôles qualité de nos clients et de développer avec eux de nouveaux produits pour leurs tous derniers véhicules. Nous avons faits en sorte que ce catalogue aide nos clients à identifier rapidement les produits de notre fabrication.

Étant données les fréquentes modifications des fabricants de véhicules, nous ne pouvons garantir la complète exactitude des informations apportées par ce catalogue **FAE** qui doit seulement être considéré comme un guide. Ainsi les noms et références des fabricants sont mentionnés dans l'unique but de faciliter la recherche de nos produits.

GARANTIE:

FAE garantie ses produits contre tout défaut de fabrication. La garantie est limitée au remplacement de la pièce défectueuse et ne couvre pas sa mauvaise installation ou encore la fausse manipulation de celle-ci par personnel non formé.

REMARQUES:

REMBOURSEMENT- **FAE** contrôle à 100% la production de tous ses produits. Nous vérifions et gardons toutes les informations concernant leur comportement lors de la fabrication. Dès lors que n'importe quel produit a été extrait de son emballage plastique étanche, nous ne procédons à aucun remboursement.

- **FAE** décline tout retour du matériel, après 15 jours à compter de la date de livraison. Le retour sera soumis à une révision par **FAE**.

- **FAE** s'en remettra aux Tribunaux de Barcelone en cas de litige.

- **FAE** se réserve le droit de modifier les caractéristiques de ses produits sans aucun avis préalable.

Les produits **FAE** ont la technologie pour remplacer et s'adapter à leurs équivalents d'origine. Ils doivent être assemblés par personnel qualifié et compétent dans l'ensemble des composants du véhicule, suivant les instructions de montage de la pièce **FAE** et/ou de l'origine. Tout assemblage par personnel non qualifié qui représente un problème dans le fonctionnement de la pièce et/ou du véhicule ne sera pas de la responsabilité de **FAE**.

[illegible]



AUT	AUSTRIA	AUSTRIA	AUTRICHE
ARG	ARGENTINE	ARGENTINA	ARGENTINE
AUS	AUSTRALIA	AUSTRALIA	AUSTRALIE
BRA	BRAZIL	BRASIL	BRÉSIL
CHE	SWITZERLAND	SUIZA	SUISSE
CHN	CHINA	CHINA	CHINE
CAN	CANADA	CANADÁ	CANADA
CZE	CZECH REPUBLIC	REPÚBLICA CHECA	RÉPUBLIQUE TCHÈQUE
DEU	GERMANY	ALEMANIA	ALLEMAGNE
ESP	SPAIN	ESPAÑA	ESPAGNE
EU	EUROPE	EUROPA	EUROPE
FRA	FRANCE	FRANCIA	FRANCE
GBR	GREAT BRITAIN	GRAN BRETAÑA	GRANDE BRETAGNE
GRC	GREECE	GRECIA	GRÈCE
ITA	ITALY	ITALIA	ITALIE
IND	INDIA	INDIA	INDE
JPN	JAPAN	JAPÓN	JAPON
POL	POLAND	POLONIA	POLOGNE
RUS	RUSSIA	RUSIA	RUSSIE
SWE	SWEDEN	SUECIA	SUÈDE
TUR	TURKEY	TURQUÍA	TURQUIE
USA	USA	EEUU	USA
ZAF	SOUTH AFRICA	SUDÁFRICA	AFRIQUE DU SUD
---	Not available	No disponible	Non disponible
... ->	From to ...->	Desde ...->	Depuis ... ->
-> ...	-> ... Up to	->... Hasta	->... Jusqu'à
-> Ch.	Up to Chassis	Hasta Chasis	Jusqu'à Châssis
-> N°	Up to number	Hasta el número	Jusqu'à numéro
-> N° Vet	Up to number Vet (VIN)	Hasta número Vet (VIN)	Jusqu'à numéro Vet (VIN)
... units	... Units on each vehicle	... Piezas en cada vehículo	... Pièces par véhicule
16V	16 Valves/Volts	16 Válvulas/Voltios	16 Soupapes/Volts
2 fans or speeds	Double fan or two speeds	Doble ventilador o dos velocidades	Double ventilateur ou à deux vitesses
2 Pin	2 Pin	2 Bornes	2 Bornes
24V	24 Valves/Volts	24 Válvulas/Voltios	24 Soupapes/Volts
2WD	2 Wheels drive	2 Ruedas motrices	2 Roues motrices
4WD	4 Wheels drive	4 Ruedas motrices	4 Roues motrices
A.	Ampere	Amperio	Ampère
A.C.	Air Conditioning	Aire acondicionado	Air conditionné
Adatt.	Suitable	Reemplaza	Remplace
Adatt. Universal	Suitable to Universal	Reemplaza a Universal	Remplace à Universelle
After the catalytic converter	After the catalytic converter	Después del catalizador	Après le catalyseur
Air Sensor	Air sensor	Sensor aire	Senseur d'air
All models	All models	Todos los modelos	Tous les modèles
Antipollution	Antipollution standars	Norma antipolución	Norme antipollution
Automatic	Automatic gear	Cambio automático	Boîte vitesse automatique
Automatic transmission	Automatic transmission	Transmisión automática	Transmission automatique
Bar	Pressure	Presión	Pression
Before catalytic converter	Before catalytic converter	Antes del catalizador	Avant le catalyseur
Black	Black	Negro	Noir
Blue	Blue	Azul	Bleue
Brown	Brown	Marrón	Brune
Bus	Bus	Autobús/Autocar	Autobus/Autocar
c.c.	Cubic centimeters	Centímetros cúbicos	Centimètres cube
Cable	Wire	Cable	Fil
Cabrio	Convertible	Descapotable	Décapotable
Carb.	Carburettor	Carburador	Carburateur
Cat.	Catalytic converter	Catalizador	Catalyseur
Ch.	Chassis	Chasis	Châssis
Ch. ->	From Chassis ...->	Desde Chasis ...->	Depuis Châssis ...->
Check Control	Check Control	Tabla de control	Tableau de contrôle
CKP/CMP	Revolution and timing sensors	Captadores de impulsos	Capteurs du régime et des positions
Climat	Climatization	Climatización	Climatisation
Colour	Colour	Color	Couleur
Com.	Commercial	Comercial	Commercial
con.	Conical thread	Rosca cónica	Filetage conique
Cont.	Continued	Continuación/Sigue	Continuation/Suite
Control starter	Control starter	Control de arranque	Démarrreur contrôle
Control valve	Control valve	Válvula de control	Soupape de commande
Coolant	Coolant	Refrigeración	Refroidissement
Coupe	Coupe	Cupé	Coupé
Cross references	Cross references	Cruce de referencias	Tableau des équivalences
Cruise Control	With cruise control	Con mando automático de velocidad viaje	Avec contrôle automatique de vitesse de voyage
Cyl.	Cylinders	Cilindros	Cylindres
D	Diagnostic sensor	Sonda de diagnosis	Sonde de diagnostic
DIN	DIN connection version	Versión de conexión DIN	Versión DIN
DOHC	Double overhead camshaft	Doble árbol de levas	Arbre double à cames en tête
Doors	Doors	Puertas	Portes
DPF	Diesel particulate filter	Filtro de partículas	Filtre à particules
DW-AGR	Pressure transducer (EGR)	Transductor de presión, control de gases de escape	Convertisseur de pression (EGR)
DW-RK	Pressure transducer regulating throttle (EGR)	Transductor de presión, actuador (mariposa)	Valve de réglage du convertisseur de pression (EGR)
DW-TL	Pressure transformer (turbocharger)	Transductor presión, turbocompresor	Convertisseur de pression (turbocompresseur)
East Europe	East Europe	Europa del Este	Europe de l'Est
Eastern Europe	Eastern Europe	Europa Oriental	Europe Orientale
Ej.	Examples	Ejemplos	Exemples
Electric	Electric	Eléctrico	Électrique
Engine	Engine	Motor	Moteur
EUV-AGK	Electric switchover valve (exhaust gas flap)	Válvula inversión, tapa escape	Valve d'inversion (volet de gaz d'échappement)
EUV-AGR	Electric switchover valve (EGR)	Válvula, AGR control de gases de escape	Valve d'inversion (EGR)
EUV-LS	Electric switchover valve (air control)	Válvula reguladora de admisión	Valve d'inversion (commande de ventilation)
EUV-ML	Electric switchover valve (engine M mounting)	Válvula inversión, soporte motor	Valve d'inversion (support de moteur)



EUV-SL	Electric switchover valve (secondary air)	Válvula, sistema de aire secundario	Valve d'inversion (air secondaire)
EUV-SR	Electric switchover valve (intake manifold)	Válvula, sistema de aspiración de aire complementario	Valve d'inversion
EUV-VB	Electric switchover valve (compressor bypass flap)	Válvula inversión, tapa conmutadora (colector admisión)	Valve d'inversion (clapet bypass du compresseur)
Except.	Except	Válvula, aleta de bypass compresor	Sauf
Export	Export	Excepto	Exportation
Faston	Electrical connector faston	Exportación	Exportation
Fitted	Fitted on/to	Conector eléctrico faston	Connecteur électrique faston
Fitted on the left side	Fitted on the left side	Montado en/sobre	Monté dans/sur
Fitted on the right side	Fitted on the right side	Montado a la izquierda	Monté à gauche
Flatbed/Chassis	Fitted on the right side	Montado a la derecha	Monté à droite
For ...	Flatbed/Chassis	Caja/Chasis	Camion plate-forme/Châssis
Fr exh manifold	For ...	Para ...	Pour ...
Fr exh pipe	Front exhaust manifold	Colector de gas de escape frontal	Collecteur gaz d'échappement frontale
Front	Front exhaust pipe	Tubo de escape delantero	Tube d'échappement avant
Front left	Front	Frontal	Frontale
Front right	Front left	Delante izquierda	Avant gauche
Green	Front right	Delante derecha	Avant droit
Grey	Green	Verde	Vert
Hatchback	Grey	Gris	Gris
Heater	Hatchback	Fastback	Fastback
Heating	Heater	Calentador	Réchauffeur
High temperature	Heating	Calefacción	Chauffage
Hot countries	High temperature	Alta temperatura	Haute température
HP	Hot countries	Países cálidos	Pays chauds
I	HP	CV	CV
i	Information	Información	Information
i.e.	Injection	Inyección	Injection
Ignition coil	Electronic injection	Inyección electrónica	Injection électronique
kw	Ignition coil	Bobina de encendido	Bobine d'allumage
L.H.D.	Kilowatts	Kilovatios	Kilowatts
L3, L4, L5, L6	Left hand drive	Conducción a la izquierda	Conduire à gauche
LDRV	Exhaust emission norm L...	Norma de emisiones L...	Norme les gaz d'échappement L...
Leaded fuel	Boost pressure control valve	Válvula, regulación del aire de admisión	Clapet de commande de pression d'admission
Left back	Leaded fuel	Gasolina con plomo	Essence avec plomb
Low temperature	Left back	Atrás izquierda	Arrière gauche
LPG	Low temperature	Baja temperatura	Température basse
Manual	Liquefied petroleum gas	Gas líquido	Gaz liquéfié
Model	Manual gear	Cambio manual	Boite vitesse manuelle
Monopoint	Model	Modelo de construcción	Modèle type
MPV	Single-point Injection	Inyección monopunto	Injection monopoint
Multi-point	MPV	Monovolumen/Limulina	Monospace
N.C.	Multi-point injection	Inyección multipunto	Injection multipoint
N.O.	Normally closed	Normalmente cerrado	Normalement fermé
Nº	Normally open	Normalmente abierto	Normalement ouvert
Nº ->	Number	Número	Nombre
Nº Vet ->	From to number ...->	Desde el número ...->	Depuis numéro ...->
Ø	From to number Vet (VIN)	Desde número Vet (VIN)	Depuis numéro Vet (VIN)
OE Nº	Diameter	Diámetro	Diamètre
Off-Road	For original number	Para número original	Pour nombre original
On the exhaust manifold	Off-Road vehicle	Todo terreno	Véhicule tout terrain
Only	On the exhaust manifold	En el colector de escape	Sur le collecteur d'échappement
Optional	Only	Sólo	Seulement
Parking and/or neutral	Optional	Opcional	Optionnel
Petrol	Parking and/or neutral	Posición de aparcamiento y/o neutra	Position de stationnement et/ou neutre
Pick-up	Petrol	Gasolina	Essence
Point	Pick-up	Camioneta	Camionnette
Power brake	Point	Punto	Point
R	Power brake	Servo freno	Servo freins
R.H.D.	Control sensor	Sonda de regulación	Sonde de régulation
Rear	Right hand drive	Conducción a la derecha	Conduction à droite
Red	Rear	Posterior/Trasero	Postérieur/Arrière
Replaces	Red	Rojo	Rouge
Right back	Replaces	Reemplaza	Remplace
Ring	Right back	Atrás derecha	Arrière droite
RPM	Ring	Aro	Bague
S.W.	Revolutions per minute	Revoluciones por minuto	Révolutions par minute
SAE	Station wagon	Familiar/Ranchera familiar	Break
Saloon	SAE connection version	Versión de conexión SAE	Versión SAE
See	Saloon	Sedán/Berlina	À trois volumes
See also	See	Ver	Voir
Solenoid	See also	Ver también	Voir aussi
Speed	Solenoid	Solenoid	Solénoïde
Switch valve	Speeds	Velocidades	Vitesses
Term.	Switch valve	Válvula de cambio	Vanne de commutation
Terminals	Connectors	Conectores	Connecteurs
Ti	Terminals	Terminales/Bornes	Bornes
Tractor	Titania	Titanio	Titane
Truck	Tractor	Tractor	Tracteur
Type	Truck/Lorry	Camión	Camion
Unleaded fuel	Type	Tipo	Type
V6	Unleaded fuel	Gasolina sin plomo	Essence sans plomb
Van	V-6 Cylinders	6 Cilindros en V	6 Cylindres en V
Violet	Box/Van	Furgoneta	Camionnette
White	Violet	Violeta	Violette
With	White	Blanco	Blanche
With electronic key	With	Con	Avec
With regul. cat.(3way)	With electronic key	Con llave electrónica	Avec clé électronique
Without	With regulated catalyst (3-way)	Con catalizador regulado (3 vías)	Catalyseur régulé (3 voies)
Yellow	Without	Sin	Sans
Zr	Yellow	Amarillo	Jaune
	Zirconia	Circonio	Zirconium



Across flats dimension of hexagonal
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For cylinder
For deletion of air conditioning parts
For digital diésel electronic
For exhaust gas recirculation
For headlamps, automatic on-off
For hot climate modifications
For ignition kit electronic ...
For leaded fuel modifications
For low level emission
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Heating element length in mm.
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Mounted on the outlet of the water

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Antes del catalizador. Lado derecho
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Portalámparas
Con masa chasis
Circuitos combinados
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Guía de consulta
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Para cilindro
Para aplicaciones sin componentes para A.A.
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Para adaptaciones al clima cálido
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Pour recirculation des gaz d'échappement
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Pour kit d'allumage électronique ...
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Pour basses émissions
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Indice des références
Lampes témoin
Intérieur
Injection dans le collecteur d'admission
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Kit
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Longueur
Levier
Logement
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Bombe mécanique d'essence
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Monté dans la bouche de sortie de l'eau



New series
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On head cylinder without air conditioning
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Only for Delphi Equipment
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Right
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Sensor
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Spark plug
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Specific oxygen sensors
Speed control Inhibitor
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Various models
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With screen
With special equipment
With Start&Stop system
With tachometer
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Without check control
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Without oil cooler
Without power brake
Without radio control on steering wheel
Without regulated catalyst (3-way)
Without rodent protection
Without screen
Without speed gear shift indicator
Without Start & Stop system
Without Tempomat
Wrench
Year

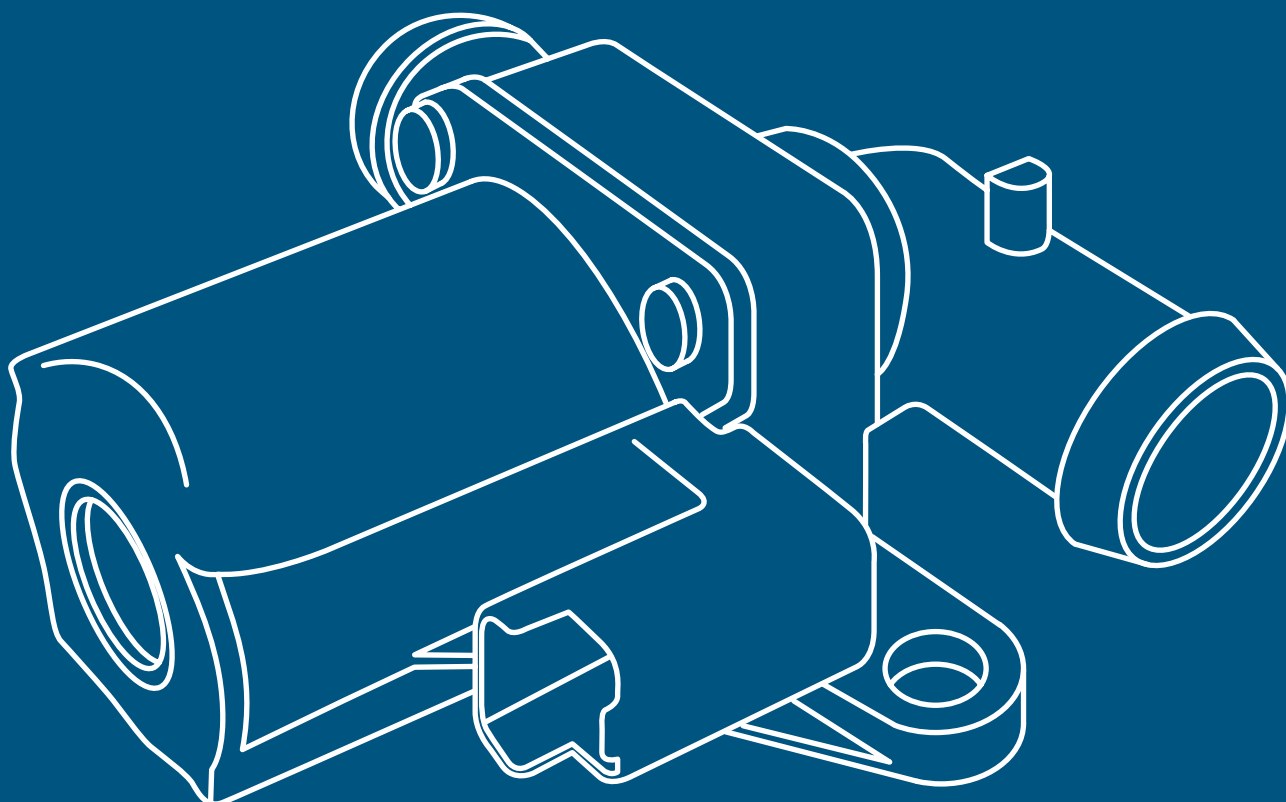
Nuevas series
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Manocontactos y transmisores de aceite
En el pedal de freno
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Lado emisión gases del motor
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Sólo para equipos Delphi
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Interruptores de luz marcha atrás
Derecha
Versión de conexión diente de sierra
Calefacción asiento
Sensor
Sensor para cambio automático
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Sondas lambda específicas
Inhibidor de control de velocidad
Interruptor de control velocidad
Interruptores luz stop
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Información técnica
Termo-resistencias, termo contactos, sensores
Fijación
Fijación y conector
Fijación y rosca
Sistema de control de tracción
Enganche de remolque
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Sondas lambda universales
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Diversos modelos
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Versión
Resistencia al agua
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Para vehículos con catalizador
Con carburador electrónico
Para vehículos con distribuidor de encendido
Con cable de encendido
Con servo freno
Con servo-dirección
Con mandos radio en el volante
Con cuenta-revolución
Con protección anti-roedores
Con cobertura
Con equipo especial
Para vehículos con sistema Start&Stop
Con cuenta revoluciones
Para vehículos con Tempomat
Con enganche de remolque
Con catalizador no regulado
Para vehículos sin aire acondicionado
Sin cables
Para vehículos sin catalizador
Sin tabla de controles
Sin conexión cable
Sin control velocidad de viaje
Para vehículos sin distribuidor de encendido
Sin cable de encendido
Sin radiador de aceite
Sin servo freno
Sin mandos radio en el volante
Sin catalizador regulado (3 vías)
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Sin cobertura
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Para vehículos sin Tempomat
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Año

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Seulement pour Delphi equipment
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Interrupteurs tableau
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Protection contre essence avec plomb
Poste radio
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Collecteur d'échappement postérieur
Relais, temps de préchauffage
Contacteurs de phare de recul
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Chauffage de siège
Senseur
Senseur pour changement automatique
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Connecteur de bougie d'allumage
Sondes lambda spécifiques
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Commutateur de contrôle de vitesse
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Pour les véhicules avec distributeur
Avec Câble d'allumage
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Avec des commandes d'émettent dans le volant
Avec compte révolution
Avec protection anti rongeurs
Avec couverture
Avec éqúipent spéciale
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Avec compte-tours
Pour les véhicules avec régulateur de vitesse
Avec accroc de remorquage
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Pour les véhicules sans climatisation
Sans câbles
Pour les véhicules sans catalyseur
Sans table de commandes
Sans connexion câble
Sans contrôle de vitesse de voyage
Pour les véhicules sans distributeur
Sans câble d'allumage
Sans radiateur d'huile
Sans servo frein
Sans commande de la radio sur le volant
Catalyseur régulé (3 voies)
Sans protection anti rongeurs
Sans couverture
Sans indicateur changement de vitesse
Pour les véhicules sans Start & Stop
Pour les véhicules sans régulateur de vitesse
Clé
Année

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CONTROL VALVES (HEATING)
ELECTROVÁLVULA TERMOSTÁTICA (CALEFACCIÓN)
VALVES MAGNÉTIQUE (CHAUFFAGE)



TECHNICAL INFORMATION

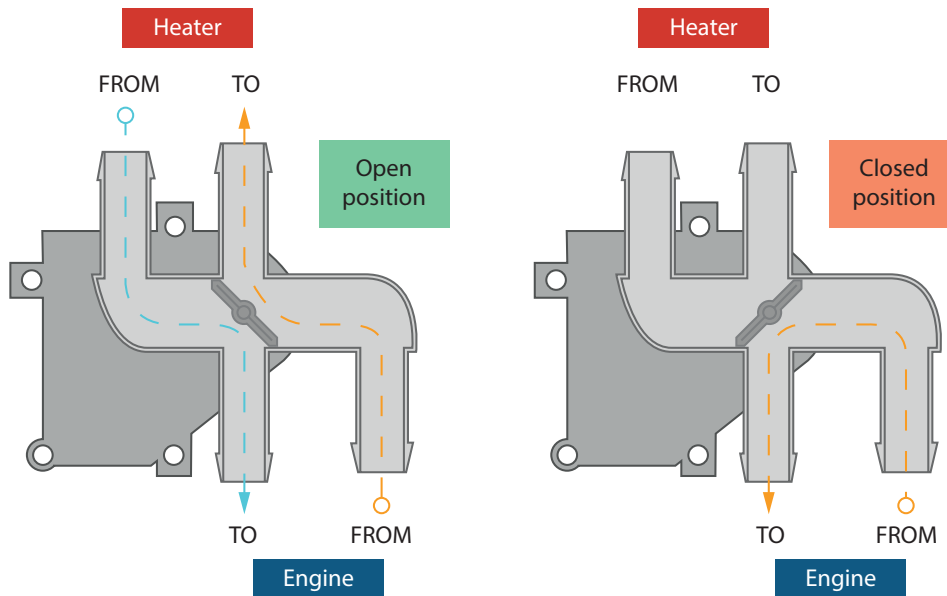
THERMOSTATIC VALVE (HEATING) FAE 55XXX

To heat vehicle cabins, most vehicles use the coolant of the engine as a source of heat. The coolant flows through a small heat exchanger called the “heater core”. A fan circulates air through this core when we need heat to warm up the cabin. The heater control valve controls the amount of coolant that flows through the heater core.

The heater core does not require energy to operate and manages to recycle the residual heat if correctly used. It operates like a small radiator.

From the fan, the flow of air is controlled by a series of doors inside the fan box. The control valve permits precise temperature control and a dual area temperature with multiple doors. When heat is required, the air flows through the heat core. Once the cabin is hot, the airflow is diverted around the core.

Most modern systems first cool and dehumidify the air and then heat it to the desired temperature. These valves can be controlled mechanically, by vacuum or electronically.



Three primary faults are responsible for most heater problems:

1. Lack of suitable temperature of the engine.
2. Shortage of coolant flow through the heater core.
3. Shortage of air flow through the heater core.

Symptoms of wear-and-tear wear or failure:

- The temperature adjustment might not change the output of the heater.
- The valve may lose coolant liquid.

Repair recommendations:

- On replacing the heater control valve, all the heater hoses should be inspected and replaced if necessary.
- If the heater control valve is being replaced due to corrosion, we recommend cleaning the coolant to avoid additional problems.
- The heater control valves are frequently replaced because there are leaks in the hoses. It is recommended that when changing the hoses, the valve should also be changed.
- Not all vehicles are equipped with a heater control valve. If a valve is not used, the coolant flows continuously through the heater core and is reheated.



INFORMACIÓN TÉCNICA

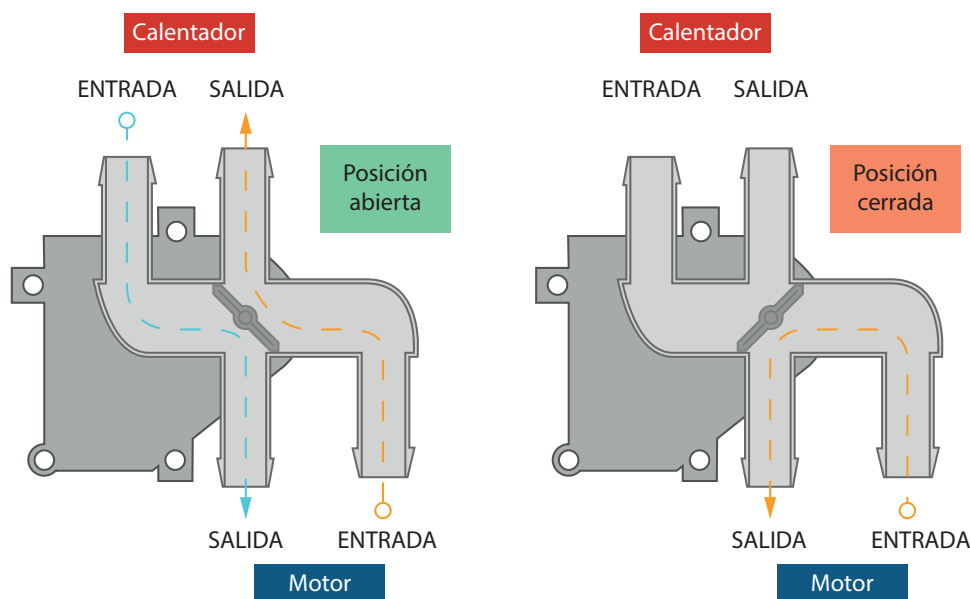
VÁLVULA TERMOSTÁTICA (CALEFACCIÓN) FAE 55XXX

Para calentar el habitáculo de los vehículos, la mayoría de los vehículos usan el refrigerante del motor como fuente de calor. El refrigerante fluye a través de un pequeño intercambiador de calor llamado “Núcleo del Calentador”. Un ventilador hace circular aire a través de este núcleo cuando necesitamos calor para calentar el habitáculo. La Válvula de control del calentador controla la cantidad de refrigerante que fluye a través del núcleo del calentador.

El núcleo del calentador no requiere energía para funcionar y consigue reciclar el calor residual y funciona como un pequeño radiador.

El flujo de aire, desde el ventilador, es controlado por una serie de puertas dentro de la caja del ventilador. La válvula de control permite un control de temperatura preciso y una temperatura de doble zona, con múltiples puertas. Cuando se necesita calor, el aire fluye a través del núcleo de calor. Una vez que el habitáculo está caliente, el flujo de aire se desvía alrededor del núcleo.

La mayoría de los sistemas modernos primero enfrían y deshumidifican el aire y luego lo recalientan a la temperatura deseada. Estas válvulas pueden ser de control mecánico, de vacío o electrónico.



Los principales fallos que causan la mayoría de las averías del Calentador:

1. Falta de temperatura adecuada del motor.
2. Falta de flujo de refrigerante a través del núcleo del calentador.
3. Falta de flujo de aire a través del núcleo del calentador.

Síntomas de desgaste o fallo:

- El ajuste de la temperatura puede no cambiar la salida del calentador.
- La válvula puede perder líquido refrigerante.

Consejos de reparación:

- Al reemplazar la válvula de control del calentador, debe inspeccionar todas las mangueras del calentador y reemplazarlas si es necesario.
- Si la válvula de control del calentador está siendo reemplazada debido a la corrosión, recomendamos limpiar el refrigerante para evitar problemas adicionales.
- Las válvulas de control del calentador se reemplazan a menudo porque tienen fugas en los manguitos. Es aconsejable al cambiar los manguitos, cambiar también la válvula.
- No todos los vehículos están equipados con una válvula de control del calentador. Si no se utiliza una válvula, el refrigerante fluye continuamente a través del núcleo del calentador y recalientarlo.



INFORMATION TECHNIQUE

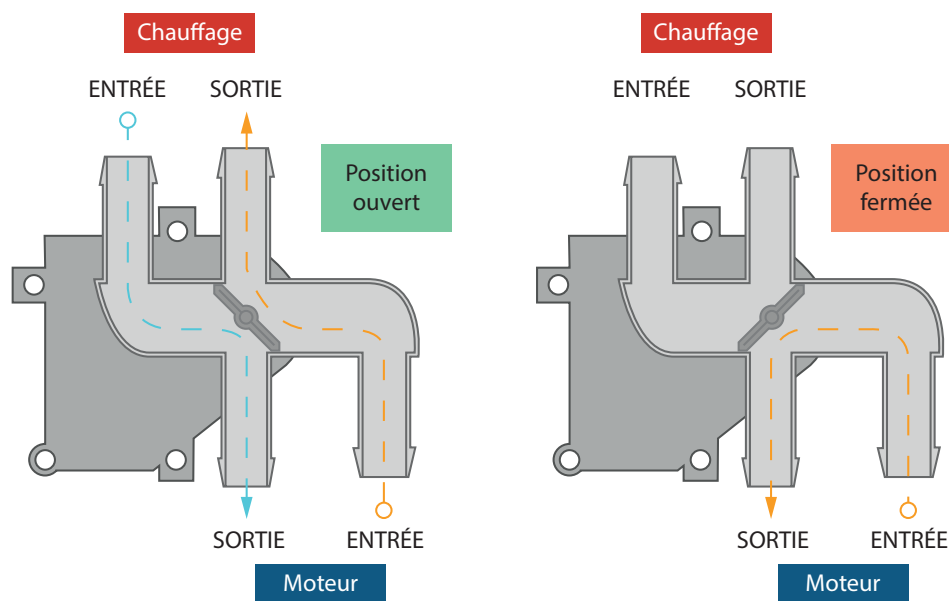
VANNE THERMOSTATIQUE (CHAUFFAGE) FAE 55XXX

Pour chauffer l'habitacle des véhicules, la plupart des véhicules utilisent le liquide de refroidissement du moteur comme source de chaleur. Le liquide de refroidissement s'écoule à travers un petit échangeur de chaleur appelé "Noyau de l'appareil de chauffage". Un ventilateur fait circuler de l'air à travers ce noyau lorsque nous avons besoin de chaleur pour chauffer l'habitacle. La vanne de contrôle de l'appareil de chauffage contrôle la quantité de liquide de refroidissement qui s'écoule à travers le noyau de l'appareil de chauffage.

Le noyau de l'appareil de chauffage n'a pas besoin d'énergie pour fonctionner et parvient à recycler la chaleur résiduelle et nous l'utilisons bien. Il fonctionne comme un petit radiateur.

Le flux d'air, depuis le ventilateur, est contrôlé par un ensemble de portes à l'intérieur du boîtier du ventilateur. La vanne de contrôle permet de contrôler précisément la température et la double zone de température, avec des portes multiples. Quand il faut de la chaleur, l'air circule à travers le noyau thermique. Une fois que l'habitacle est chaud, le flux d'air est dévié autour du noyau.

La plupart des systèmes modernes refroidissent et déshumidifient l'air dans un premier temps, puis le réchauffent à la température souhaitée. Ces vannes peuvent être mécaniques, à vide ou électriques.



Trois défaillances primaires provoquent la plupart des pannes de chauffage :

1. Absence de température correcte du moteur.
2. Absence de liquide de refroidissement dans le noyau de l'appareil de chauffage.
3. Absence de flux d'air à travers le noyau de l'appareil de chauffage.

Symptômes d'usure ou de défaillance :

- Le réglage de la température peut ne pas changer la sortie de l'appareil de chauffage.
- La vanne peut perdre du liquide de refroidissement.

Conseils de réparation:

- Avant de remplacer la vanne de contrôle de l'appareil de chauffage, il faut vérifier toutes les tuyaux du chauffage et les remplacer si nécessaire.
- Si la vanne de contrôle de l'appareil de chauffage est remplacée en raison de la corrosion, il est recommandé de nettoyer le liquide de refroidissement pour éviter les problèmes supplémentaires.
- Les vannes de contrôle de l'appareil de chauffage sont souvent remplacées à cause de fuites dans les tuyaux. Il est conseillé de changer la vanne en même temps que les tuyaux.
- Tous les véhicules ne sont pas équipés d'une vanne de contrôle de l'appareil de chauffage. Sans vanne, le liquide de refroidissement s'écoule de manière continue à travers le noyau de l'appareil de chauffage et le réchauffe.



Ref. FAE

Suitable / Reemplaza:
Cross references
Cruce de referencias
Tableau des equivalences

	CONNECTION CONEXIÓN CONNEXION

①	TYPE TIPO TYPE

Ref. 55014

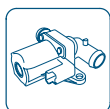
Suitable / Reemplaza:

Audi	1T0 820 036
	1T0 820 036 A
	1T0 820 036 C
	1T0 820 036 D
Porsche	955 572 824 03
	955 572 824 05
Seat	1T0 820 036
	1T0 820 036 A
Skoda	1T0 820 036 C
	1T0 820 036 D
Volkswagen	1T0 820 036
	1T0 820 036 A
	1T0 820 036 C
	1T0 820 036 D

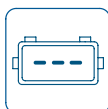
	

①	Control valve

SYMBOLS / SÍMBOLOS / SYMBOLES



Thermostatic valve (heating).
Válvula termostática (calefacción).
Vanne thermostatique (chauffage).



Type of connection.
Tipo de conexión.
Type de connection.



Information.
Información.
Information.

Vehicles models for general information only. Not to be used as a detailed applications guide.
Manufacturer's names and original numbers are quoted for reference purposes only.

Los modelos de vehículos se dan como información general. No se deben utilizar como guía detallada de aplicaciones.
Los nombres y referencias de los fabricantes de vehículos sirven únicamente para ayudar a encontrar más rápidamente nuestros productos.

Les modèles de véhicules sont présentés à titre d'information générale uniquement. Le document ne constitue pas un guide pratique et ne doit pas être utilisé comme tel.
Le noms et numéros des fabricants son mentionnés seulement pour faciliter la recherche de nos références.

For further applications and/or another products see our interactive catalog in <http://ecatalog.fae.es/en>

Para más aplicaciones y/o otros productos consulte nuestro catálogo interactivo en <http://ecatalog.fae.es/es>

Pour déterminer les autres applications et/ou d'autres produits consultez notre catalogue interactive à <http://ecatalog.fae.es/fr>

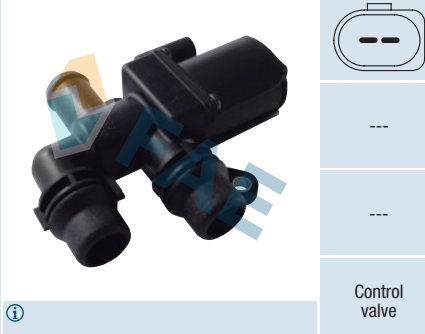




Ref. 55001

Suitable / Reemplaza:

Audi	1K0 820 036 B
	1K0 820 036 C
	1K0 820 036 D
	1K0 820 036 F
Seat	1K0 820 036 D
	1K0 820 036 F
Skoda	1K0 820 036 B
	1K0 820 036 C
	1K0 820 036 D
	1K0 820 036 F
Volkswagen	1K0 820 036
	1K1 820 035 C
	1K1 820 035 D
	1K1 820 035 E

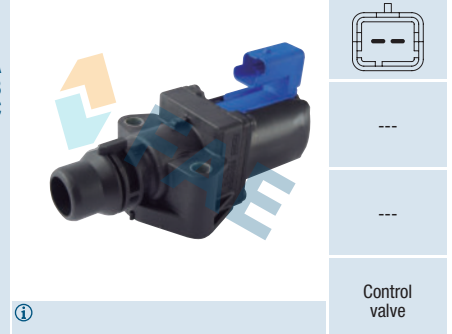


Control valve

Ref. 55008

Suitable / Reemplaza:

Ford	1692742
	BM5G-8C605-DA
	BM5G-8C605-DB
	BM5G-8C605-DC

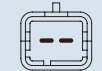
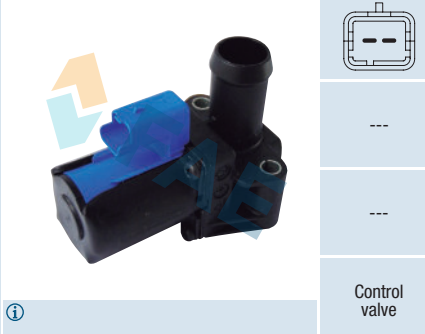


Control valve

Ref. 55004

Suitable / Reemplaza:

Ford	1692787
	1820564
	BM5G-18495-DA
	BM5G-18495-DC
	BM5Z-18495-C
	BM5Z-18495-DB



Control valve

Ref. 55011

Suitable / Reemplaza:

Alfa Romeo	84818099
Fiat	84818099
Lancia	84818099

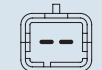
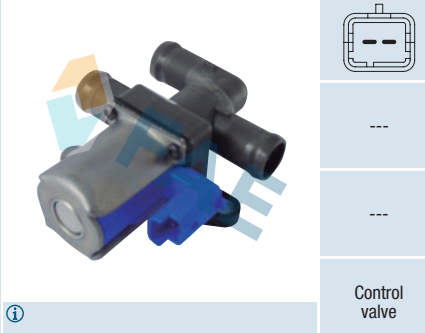


Control valve

Ref. 55005

Suitable / Reemplaza:

Renault	21 23 095 71R
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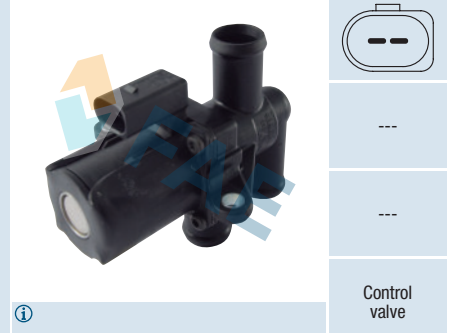


Control valve

Ref. 55012

Suitable / Reemplaza:

Audi	7L0 819 076 C
	955 572 151 00
	955 572 151 01
	955 572 824 00
	955 572 824 01
	955 572 824 02
Porsche	955 572 824 04
	7L0 819 076
	7L0 819 076 A
	7L0 819 076 B
	7L0 819 076 C
	7L0 819 076 E
	7L0 820 989

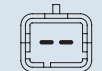
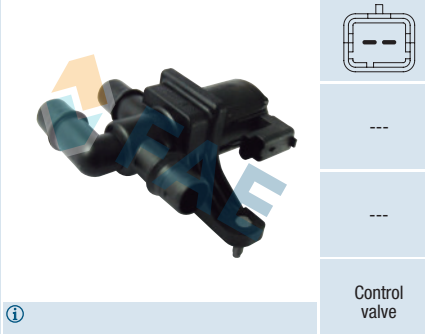


Control valve

Ref. 55006

Suitable / Reemplaza:

Alfa Romeo	1400488980
Citroën	14.004.889.80
Fiat	1400488980
Lancia	1400488980
Peugeot	14 004 889 80

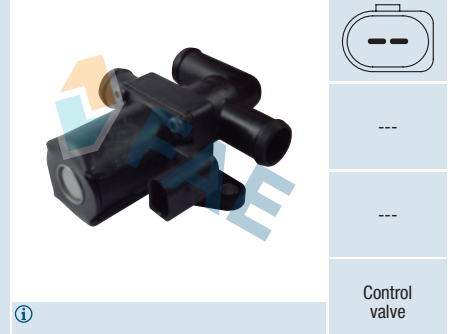


Control valve

Ref. 55014

Suitable / Reemplaza:

Audi	1T0 820 036
	1T0 820 036 A
	1T0 820 036 C
	1T0 820 036 D
Porsche	955 572 824 03
	955 572 824 05
Seat	1T0 820 036
	1T0 820 036 A
Skoda	1T0 820 036 C
	1T0 820 036 D
Volkswagen	1T0 820 036
	1T0 820 036 A
	1T0 820 036 C
	1T0 820 036 D

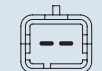
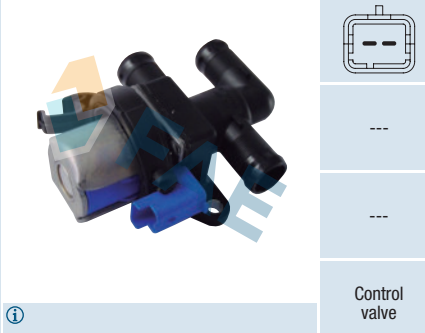


Control valve

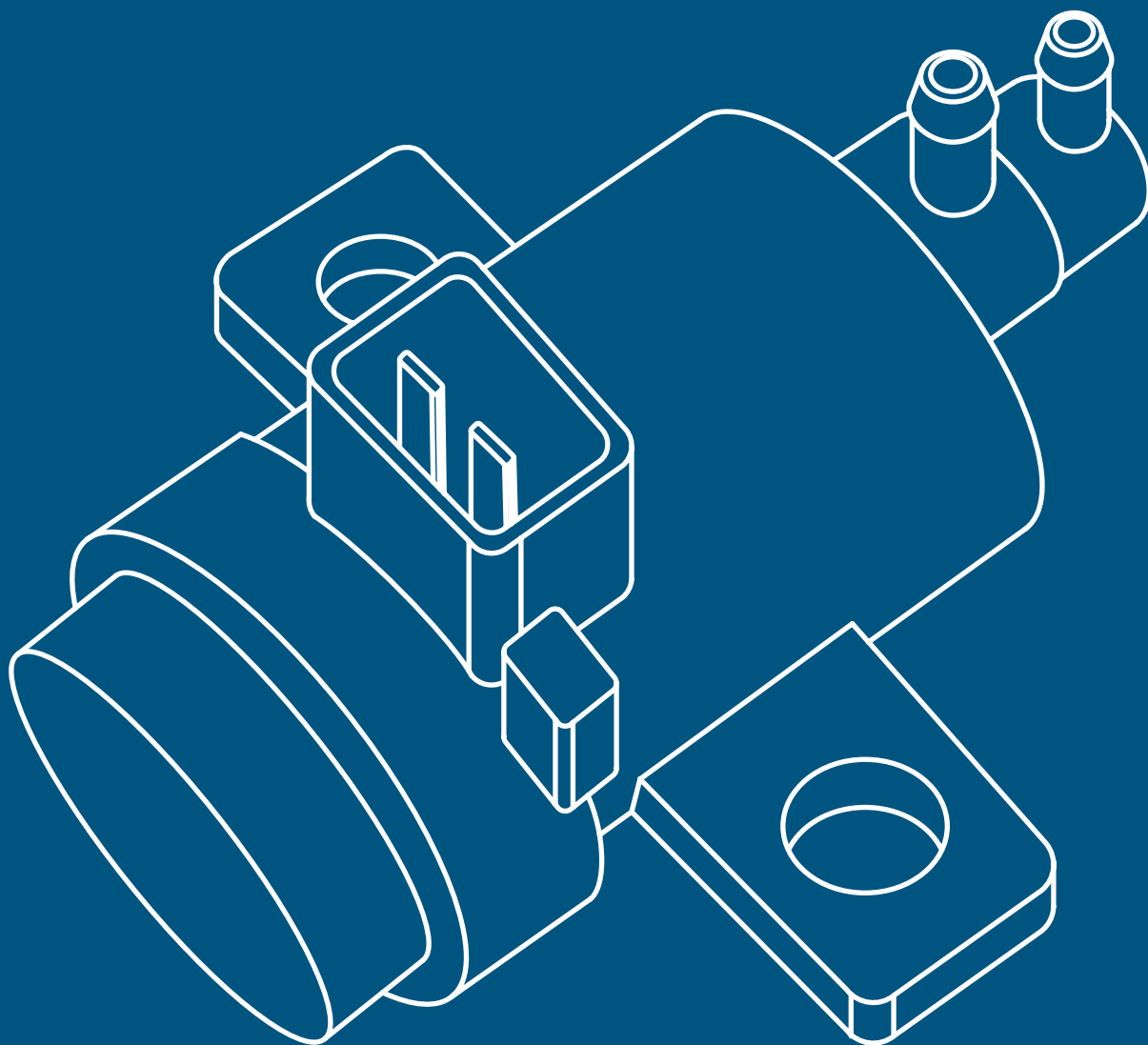
Ref. 55007

Suitable / Reemplaza:

G.M.	93854397
Opel	4416949
Renault	82 00 414 156



Control valve



**ELECTRIC VALVES
ELECTROVÁLVULAS
ELECTROVANNES**



TECHNICAL INFORMATION

FAE 56XXX ELECTRIC VALVES

The recirculation of exhaust gas it's a way to reduce toxins in emissions. The intension of exhaust gas recirculation is reduce the temperature of the combustion induce lower production of Nitric Oxides (NOx). This exhaust gas recirculation will be efficiently only with a exactly control. The recirculation valves could be controlled pneumatic or in an electronic way, it depends of each version.

Each new vehicle has different kind of electric valves, these are small and are located in places with difficult access in the engine.

These valves come in a very wide range of versions and designations. We provide information on the most common of these valves:

- EUV: ON/OFF Electrical Switch Valves:
3-way electrovalves with 2 positions. Fully open/closed.
- EDW: Progressive electrovalves.
Solenoid type with pressure regulator.
They open or close by the amount needed.

ELECTROVALVES IN AUTOMOBILES

EUV – ON/OFF ELECTRICAL SWITCH VALVE

A 3-way electrovalve with two positions that can work with a vacuum or pressure depending on the use, and in open or closed mode (ON/OFF), or controlled by frequency (entering a vacuum or pressure value proportional to the variable electrical power level at which it is controlled).

The vacuum normally comes from an electrical vacuum pump inside the engine. Vacuum pumps manage to reach negative pressure values of up to -950 mbar.

OFF POSITION: NOT POWERED

The spring pressures the mobile core which, by way of a small valve, cuts off the connection with the vacuum pump. The atmosphere intake is connected with the unit and allows the passage of air flow from the atmosphere into the unit.

ON POSITION: POWERED

The magnetic field generated by the coil moves the mobile core against the spring, closing the air intake by way of the small valve. The unit is connected to the vacuum pump.

ON/OFF electrovalves may be found anywhere in the vehicle in which parts of the engine (adjustors / actuators) must be operated pneumatically.

- Valve which adjusts load pressure (Wastegate) in many TDI engines.
- Butterfly valve for recollecting exhaust gases (AGR) in some SDI engines.
- Engine-water cooler unit in BMW diesel engines.
- Hydraulic engine support in the VW Phaeton.
- Exhaust gas flap in the muffler on the exhaust pipe in BMW internal combustion engines.

EDW – PROGRESSIVE ELECTROVALVES (TGV)

This is an electrovalve that adjusts the vacuum of air which provides a vacuum level proportional to the variable electrical powering value at which it is controlled. The electrovalve has two intakes: one with a high vacuum value and another with atmospheric pressure and one outlet, which is the intermediate vacuum that it regulates. The vacuum normally comes from an electrical vacuum pump inside the engine. This vacuum pump manages to reach negative pressure values of up to -950 mbar.

The TGV's regulated vacuum outlet is always connected to a pneumatic actuator. In the pneumatic actuator, the vacuum value is turned into a force through the membrane that separates the 2 chambers, the vacuum chamber and the atmospheric chamber. This force counteracting that of a spring allows the actuator's axis to go into different positions in proportion with the vacuum which regulates our EV.

The abbreviation TGV comes from the French or Spanish words for Turbo with

Variable Geometry. It is a type of Turbo compressor in which the operation can be controlled by varying the intake of exhaust gases into the turbine through the motion of a mechanical geometry.

In English, it is usually known by the abbreviation VNT, for "Variable Nozzle Turbo."

These are used for:

- Exhaust gas recirculation systems (AGR).
- VTG turbo intakes (Turbo with Variable Geometry).

Variants:

- Type and length of electrical connection (varying types of terminals, contacts).
- Position of couplings.
- Type of attachment (support).
- Nominal curve.
- With/without temperature compensation.
- Controlled by electricity or cycles.
- Dynamic (air exhaust/intake time).
- With/without filter at air intake connection (ATM).



TECHNICAL INFORMATION

SYMPTOMS OF BREAKDOWN

Because electrovalves are a unit found in many systems within a vehicle, the symptoms which indicate that a valve has deteriorated or broken may be quite varied:

- Lack of power.
- “Lapses” in turbo compressors.
- Black smoke.
- Shaking.
- Emergency gear (in the event of breakage of the valve in the exhaust gas recirculation system).

In the OBD (On-Board-Diagnose) test, the electrovalves do not monitor their operation except for flow, short-circuit and mass contact. This is why breakdowns are not recognised reliably and anomalies are often attributed to other components.

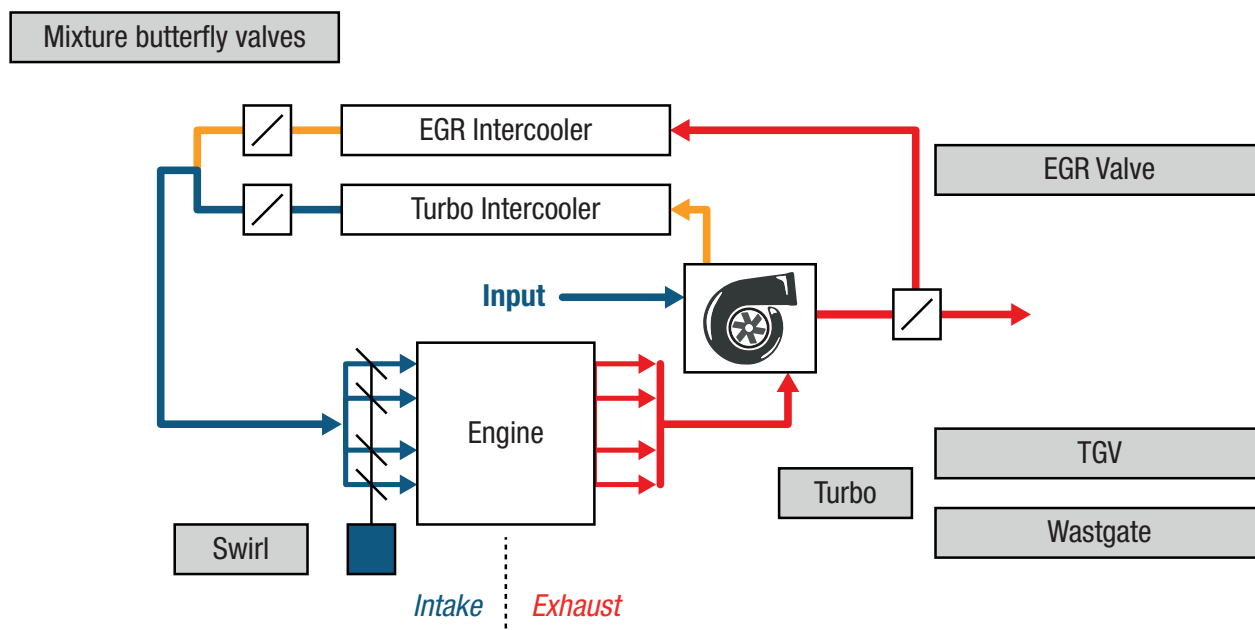
Possible Causes:

- The most frequent causes for which a breakdown or failure occurs in an electrovalve are that water and dirt get into the pressure control system. This may be the result of hose couplings not being airtight or connections with broken hoses.
- High ambient temperatures may cause sporadic abnormalities.
- On rare occasions, a breakdown may be the result of having confused the connection hoses.
- A damaged vacuum pump may supply very little negative pressure for proper control and adjustment.

Therefore, in such an instance a specialist is required with knowledge of the system who does not blindly trust a failure message and simply limits himself to changing a (possibly) mistaken part, but instead examines the failure indicated and searches for its causes.

Verification:

The airtightness of an electrovalve can be verified simply using a manual vacuum pump. A simple electrical check of an electrovalve is feasible in many cases using a typical multimeter.





INFORMACIÓN TÉCNICA

ELECTROVÁLVULAS FAE 56XXX

La recirculación de gases de escape es una medida para reducir las toxinas en las emisiones. La intención de la recirculación de gases de escape es reducir la temperatura de combustión provocando una menor producción de óxidos nítricos (NOx). Dicha recirculación de gases de escape sólo funcionará de manera eficaz si es controlada con exactitud. Las válvulas de recirculación pueden ser controladas neumática o electrónicamente, según cada versión.

En cada vehículo nuevo se encuentran instaladas diversas electroválvulas, estas son pequeñas y están en puntos poco visibles o difícilmente accesibles del recinto del motor.

Estas válvulas existen en las más diversas versiones y designaciones. Adjuntamos información de las más usuales de éstas válvulas:

- EUV: Electroválvulas ON/OFF.
Electroválvulas de 3 vías y 2 posiciones. Abierto/cerrado total.
- EDW: Electroválvulas progresivas.
Tipo Solenoide con regulador de presión.
Abren o cierran la cantidad que necesitan.

ELECTROVÁLVULAS EN AUTOMÓVILES

EUV – ELECTROVÁLVULA ON/OFF

Electroválvula de 3 vías y dos posiciones que puede trabajar con vacío o presión en función de la aplicación y en modo abierta o cerrada (ON/OFF) o pilotada en frecuencia (entrega un valor de vacío o presión proporcional al valor de alimentación eléctrica variable con la que es pilotada).

El vacío normalmente proviene de una bomba de vacío eléctrica existente en el motor. Las bombas de vacío consiguen llegar a valores de depresión de hasta -950 mbar.

POSICIÓN OFF: SIN TENSIÓN

El muelle presiona el núcleo móvil que por medio de una valvulina cierra la comunicación con la bomba de vacío. La toma de atmósfera está en comunicación con la aplicación y emite el paso de caudal de aire de la atmósfera a la aplicación.

POSICIÓN ON: CON TENSIÓN

El campo magnético generado por la bobina desplaza el núcleo móvil contra el muelle, cerrando la toma de atmósfera, por medio de la valvulina. Se comunica la aplicación con la bomba de vacío.

Las electroválvulas ON/OFF pueden encontrarse en cualquier lugar del vehículo donde deban operarse neumáticamente componentes del motor (reguladores / actuadores).

- Válvula reguladora de la presión de carga (Wastegate) en numerosos motores TDI.
- Válvula mariposa para el recobro de los gases de escape (AGR) en algunos motores SDI.
- Cuerpo motor-refrigerador de agua en los motores diésel BMW.
- Apoyo hidráulico del motor en el VW Phaeton.
- Chapaleta de los gases de escape en el silenciador del tubo de escape en los motores de explosión BMW.

EDW - ELECTROVÁLVULAS PROGRESIVAS (TGV)

Es una electroválvula reguladora del vacío de aire que entrega un valor de vacío proporcional al valor de alimentación eléctrica variable con la que es pilotada. La electroválvula tiene dos entradas: una con un valor de vacío elevado y otra de presión atmosférica y una salida, que es el vacío intermedio que ella regula. El vacío normalmente proviene de una bomba de vacío eléctrica existente en el motor. Esta bomba de vacío externa consigue llegar a valores de depresión de hasta -950 mbar.

La salida de vacío regulado de la TGV está siempre conectada a un actuador neumático. En el actuador neumático el valor de vacío se convierte en una fuerza mediante la membrana que separa las 2 cámaras, la de vacío y la atmosférica. Esta fuerza contrapuesta a la de un muelle permite al eje del actuador obtener diferentes posiciones proporcionales al vacío que regula nuestra EV.

Las siglas TGV corresponden a la denominación en francés o español de Turbo de Geometría Variable. Es un tipo de Turbocompresor en el que se puede controlar su funcionamiento a través de variar la entrada de los gases de escape en la turbina mediante el movimiento de una geometría mecánica.

En inglés se conoce normalmente por las siglas VNT “Variable Nozzle Turbo”.

Se utilizan para:

- Los sistemas de recirculación de gases de escape (AGR).
- Los turboalimentadores VTG (Turbo con Geometría Variable).

Variantes:

- Tipo y longitud de la conexión eléctrica (variantes de bornes, contactos).
- Posición de los racores.
- Tipo de sujeción (soporte).
- Curva nominal.
- Con/sin compensación de temperatura).
- Controlados por electricidad o por ciclos.
- Dinámica (tiempo de evacuación/admisión de aire).
- Con/sin filtro en la conexión de admisión de aire (ATM).

INFORMACIÓN TÉCNICA

SÍNTOMAS DE AVERÍA

Debido a que las electroválvulas encuentran aplicación en muchos sistemas de un vehículo, los síntomas que indican que una válvula está deteriorada o rota pueden ser muy variados:

- Falta de potencia
- “Laguna ” en turbocompresores.
- Humo negro.
- Sacudidas.
- Marcha de emergencia (caso de avería de la válvula en el sistema de recirculación de los gases de escape).

En el diagnóstico OBD (On-Board-Diagnose), las electroválvulas no supervisan su funcionamiento sino de paso, cortocircuito y contacto de masa. Por ese motivo no se reconocen fiablemente las averías y las anomalías se atribuyen con frecuencia a otros componentes.

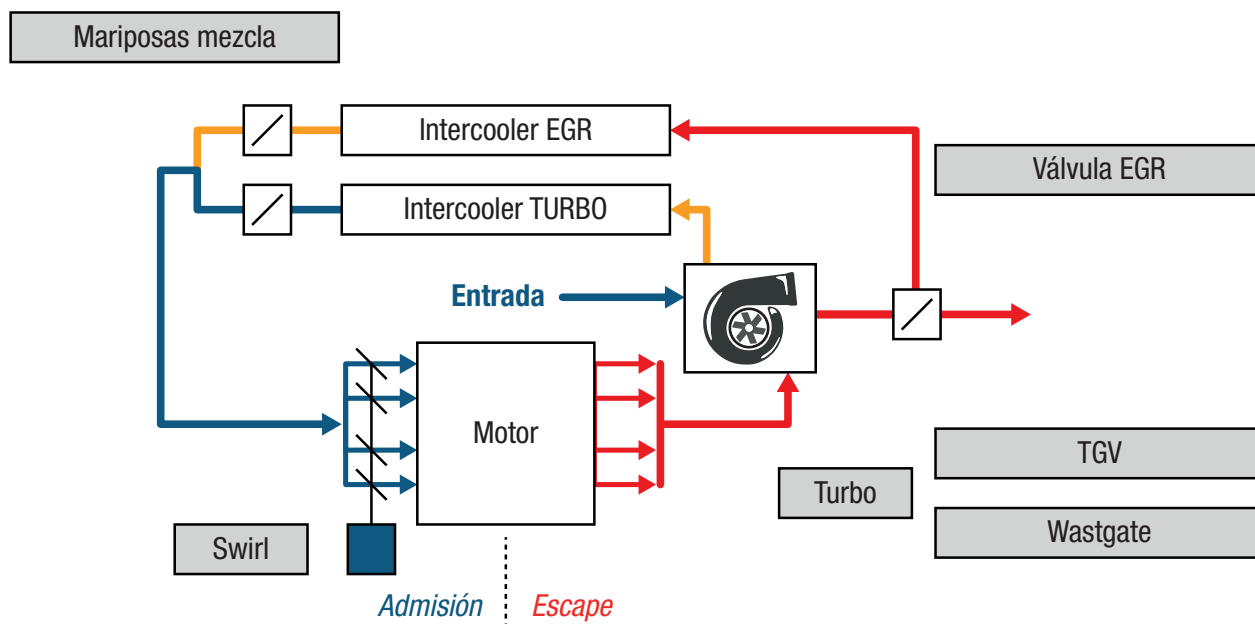
Posibles causas:

- Las causas más frecuentes por las que se avería o falle una electroválvula son que el agua y la suciedad penetran en el sistema de control de presión. Ello puede ser consecuencia de empalmes de manguitos no estancos o conexiones de manguitos rotos.
- Elevadas temperaturas ambientales pueden causar anomalías esporádicas.
- En raras ocasiones, una avería puede ser resultado de una confusión de las mangueras de conexión.
- Una bomba de vacío dañada puede suministrar muy poca depresión para un control y gobierno adecuado.

Por ello, en este caso se requiere un especialista con conocimientos del sistema que no confíe ciegamente en un mensaje de fallo y sencillamente se limite únicamente a cambiar un componente (posiblemente) erróneo sino que examine el fallo indicado y busque las causas.

Comprobación:

La estanqueidad de una electroválvula puede comprobarse sencillamente con una bomba manual de vacío. Una simple comprobación eléctrica de una electroválvulas es viable en muchos casos con un multímetro usual.





INFORMATION TECHNIQUE

ÉLECTROVANNES FAE 56XXX

La recirculation des gaz d'échappement est une mesure pour réduire les toxines dans les émissions. Elle a pour but de réduire la température de combustion afin d'avoir une production plus faible d'oxydes nitriques (NOx). Cette recirculation des gaz d'échappement ne fonctionnera efficacement que si elle est contrôlée avec précision.

Les vannes de recirculation peuvent être contrôlées de manière pneumatique ou électronique, selon le modèle. Plusieurs électrovannes sont installées dans chaque véhicule, elles sont petites et elles se trouvent à des endroits peu visibles ou difficilement accessibles du cylindre du moteur.

Ces vannes existent dans les versions et les désignations les plus diverses. Les informations jointes concernent les modèles les plus fréquents:

- EUV: Vannes électriques ON/OFF.
Vannes électriques à 3 voies et 2 positions. Ouvert/fermé total.
- EDW: Vannes électriques progressives.
Type Solénoïde avec régulateur de pression.
Ouvrent ou ferment selon la quantité dont ils besoin.

VANNES ÉLECTRIQUES DANS LES AUTOMOBILES

EUV – VANNE ÉLECTRIQUE ON/OFF

Vanne électrique à 3 voies et deux positions qui peut travailler à vide ou à pression en fonction de l'application, en mode ouvert ou fermé (ON/OFF) ou bien encore pilotée en fréquence (délivre une valeur vide ou de pression proportionnelle à la valeur d'alimentation électrique variable avec laquelle elle est pilotée).

Le vide provient normalement d'une pompe à vide électrique qui se trouve dans le moteur. Les pompes à vides atteignent des valeurs de dépression allant jusqu'à -950 mbar.

POSITION OFF: SANS TENSION

Le ressort fait pression sur le noyau mobile qui, à l'aide d'un petit clapet, stoppe la communication avec la pompe à vide. L'entrée d'air est reliée à l'application et émet le passage du flux d'air de l'atmosphère à l'application.

POSITION ON: AVEC TENSION

Le champ magnétique généré par la bobine déplace le noyau mobile contre le ressort, fermant ainsi l'entrée d'air à l'aide du clapet. L'application communique avec la pompe à vide.

Les vannes électriques ON/OFF peuvent être installées sur n'importe quelle partie du véhicule à l'endroit où les composants du moteur doivent être actionnés pneumatiquement (régulateurs / actionneurs).

- Vanne de régulation de la pression de charge (Wastegate) dans de nombreux moteurs TDI.
- Vanne papillon pour récupérer les gaz d'échappement (AGR) dans certains moteurs SDI
- Corps moteur-refroidisseur d'eau dans les moteurs diesel BMW.
- Support hydraulique du moteur dans le VW Phaeton.
- Clapet des gaz d'échappement dans le silencieux du tuyau d'échappement dans les moteurs à explosion BMW.

EDW – VANNES ÉLECTRIQUES PROGRESSIVES (TGV)

Il s'agit d'une vanne électrique de régulation du vide d'air qui délivre une valeur de vide proportionnelle à la valeur d'alimentation électrique variable avec laquelle elle est pilotée. La vanne électrique a deux entrées : une entrée avec une valeur à vide élevée et une autre entrée à pression atmosphérique, puis une sortie, qui est le vide intermédiaire qu'elle régule.

Le vide provient normalement d'une pompe à vide électrique qui se trouve dans le moteur. Cette pompe à vide externe atteint des valeurs de dépression allant jusqu'à -950 mbar.

La sortie de vide régulée de la TGV est toujours connectée à un actionneur pneumatique. Dans l'actionneur pneumatique, la valeur de vide devient une force à travers la membrane qui sépare les 2 chambres : celle du vide et celle de l'atmosphère. Cette force opposée à celle d'un ressort permet à l'axe de l'actionneur d'obtenir différentes positions proportionnelles au vide régulé par notre EV.

Les sigles TGV correspondent à la dénomination en français ou en espagnol de Turbo à Géométrie Variable. C'est un type de Turbocompresseur dont le fonctionnement peut être contrôlé en variant l'entrée des gaz d'échappement dans la turbine par le mouvement d'une géométrie mécanique.

En anglais, il est souvent désigné par les sigles VNT "Variable Nozzle Turbo".

Elles sont utilisées pour :

- Les systèmes de recirculation des gaz d'échappement (AGR).
- Les turbocompresseurs VTG (Turbo avec Géométrie Variable)

Variantes:

- Type et longueur de la connexion électrique (variantes de bornes, contacts).
- Position des raccords.
- Type de fixation (support).
- Courbe nominale.
- Avec/sans compensation de température).
- Contrôlées par électricité ou par cycles.
- Dynamique (temps d'évacuation/admission d'air).
- Avec/sans filtre dans la connexion d'admission d'air (ATM).

INFORMATION TECHNIQUE

PANNES ÉVENTUELLES

Etant donné que les vannes électriques sont présentes dans de nombreux systèmes d'un véhicule, les symptômes indiquant une vanne détériorée ou cassée sont très variés:

- Manque de puissance.
- "Lagune" dans turbocompresseurs.
- Fumée noire.
- Secousses.
- Fonctionnement d'urgence (en cas de défaillance de la vanne dans le système de récupération des gaz d'échappement).

Dans le diagnostic OBD (On-Board-Diagnose), les vannes électriques ne supervisent pas le fonctionnement mais le passage, le court-circuit et le contact de masse. C'est pour cette raison qu'il est difficile de reconnaître en toute fiabilité les défaillances et les anomalies qui sont souvent attribuées à d'autres composants.

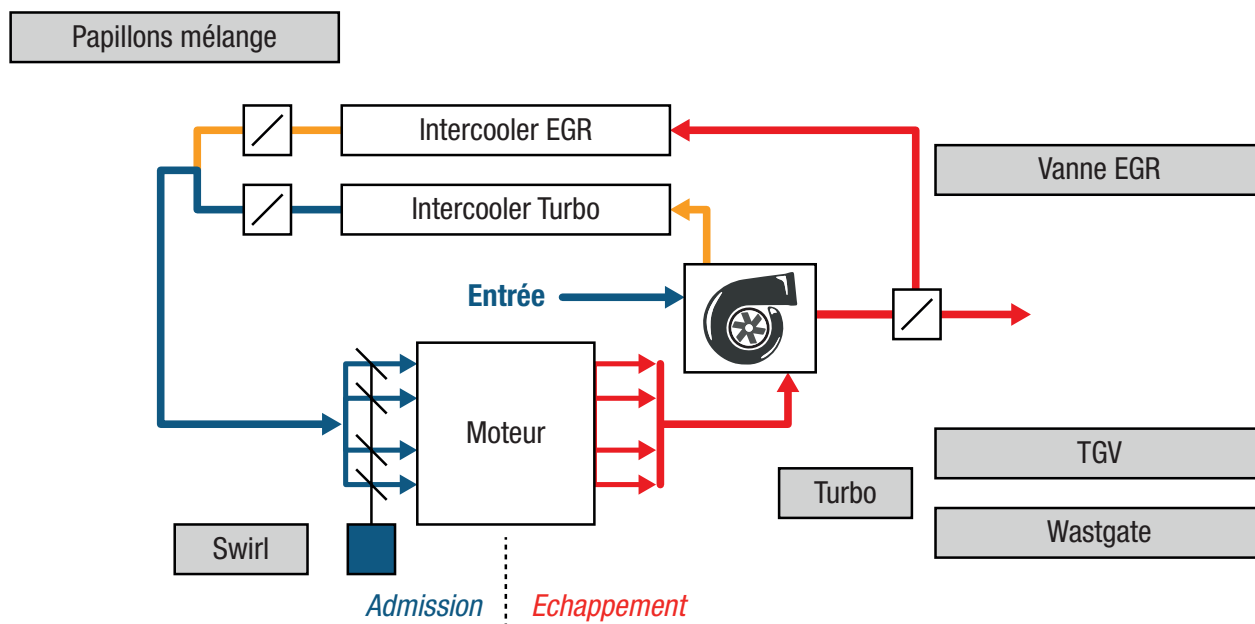
Causes possibles:

- Les causes les plus fréquentes de défaillance des vannes électriques ont pour origine l'eau et la saleté qui entrent dans le système de contrôle de la pression. Cela peut provenir de raccords de tuyaux non étanches ou de raccordements de tuyaux défectueux.
- Des températures ambiantes élevées peuvent provoquer des anomalies sporadiques.
- Dans de rares occasions, une panne peut résulter d'une confusion des tuyaux de raccordement.
- Une pompe à vide défectueuse peut délivrer très peu de pression pour un contrôle adéquat.

Dans ce cas, il faut un spécialiste qui connaît le système et qui ne se contente pas uniquement de changer un composant (vraisemblablement) défaillant en fonction du message d'erreur mais qui examine l'erreur indiquée et en cherche les causes.

Vérification:

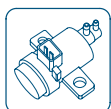
L'étanchéité d'une vanne électrique peut être simplement vérifiée avec une pompe à vide. Une simple vérification électrique d'une vanne électrique est possible dans de nombreux cas avec un multimètre courant.



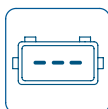


Ref. FAE			Ref. 56047 NEW		
Suitable / Reemplaza: Cross references Cruce de referencias Tableau des equivalences		CONNECTION CONEXIÓN CONNEXION	Suitable / Reemplaza: Audi 1H0 906 627 DAF 1325157 Ford 1003802 95 VW12B573 CA Seat 1H0 906 627 Skoda 1H0 906 627 Volkswagen 1H0 906 627 Volvo 618057 30618057		
		---			---
		---			---
		TYPE TIPO TYPE			DW-AGR DW-TL DW-RK

SYMBOLS / SÍMBOLOS / SYMBOLES



Electric valves.
Electroválvulas.
Électrovannes.



Type of connection.
Tipo de conexión.
Type de connection.



Information.
Información.
Information.

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Manufacturer's names and original numbers are quoted for reference purposes only.

Los modelos de vehículos se dan como información general. No se deben utilizar como guía detallada de aplicaciones.
Los nombres y referencias de los fabricantes de vehículos sirven únicamente para ayudar a encontrar más rápidamente nuestros productos.

Les modèles de véhicules sont présentés à titre d'information générale uniquement. Le document ne constitue pas un guide pratique et ne doit pas être utilisé comme tel.
Les noms et numéros des fabricants sont mentionnés seulement pour faciliter la recherche de nos références.

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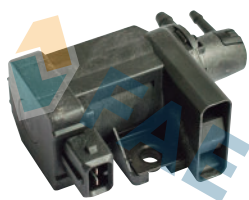
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**Ref. 56004 NEW****Suitable / Reemplaza:**

Alfa Romeo 46768250
51884840
04627212AB
Chrysler
Fiat 55188059
55203202
467682500
K04627212AB
Ford 1541400
1562514
9S51-8A080-AA
9S51-9E882-AA
Lancia 55228986
Lombardini 97001298
VM Motori 43002025F

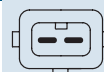
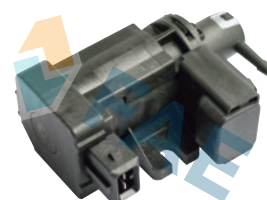


DW-TL

①

Ref. 56010 NEW**Suitable / Reemplaza:**

Hyundai 35120-27000
Isuzu 8-97218-331-0
8-98105-656-0
8-98105-656-1
Opel 860146
5851039
97218331
98105656

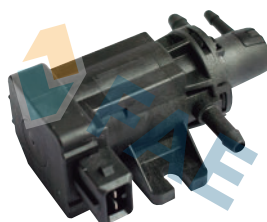


DW-TL

①

Ref. 56005 NEW**Suitable / Reemplaza:**

Audi 1H0 906 627 A
Ford 1031090
95VW-12B573-CB
Renault 77 00 377 175
Seat 1H0 906 627 A
Skoda 1H0 906 627 A
Volkswagen 1H0 906 627 A



DW-TL

①

Ref. 56011 NEW**Suitable / Reemplaza:**

Iveco 504284406
5801259650



DW-AGR

①

Ref. 56006 NEW**Suitable / Reemplaza:**

Audi 1J0 906 627 B
1K0 906 627 A
Seat 1J0 906 627 B
1K0 906 627 A
Skoda 1K0 906 627 A
Volkswagen 1J0 906 627 B
1K0 906 627 A

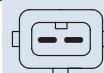
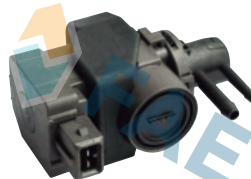


DW-TL

①

Ref. 56012 NEW**Suitable / Reemplaza:**

Dacia 149567097R
149567825R
Infiniti 14956 JD70A
Nissan 14956-00Q0C
14956-00Q0G
14956-00Q0H
14956-00Q1K
14956-00QAL
14956-BC400
14956-BC41A
14956-JD70A
82006-25684
Renault 14 95 670 97R
14 95 678 25R



DW-TL

①

Ref. 56008 NEW**Suitable / Reemplaza:**

Audi 1J0 906 627
1K0 906 627 D
Seat 1J0 906 627
1K0 906 627 D
Skoda 1J0 906 627
1K0 906 627 D
Volkswagen 1J0 906 627
1K0 906 627 D

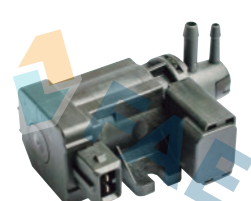


DW-TL

①

Ref. 56013 NEW**Suitable / Reemplaza:**

Chevrolet 55573362
Isuzu 8972191550
9881056570
Opel 851017,851042
851057,860411
860485,5851073
5851600
55558101
55563534
55575611
55579900
97219155
98105657
Saab 55573362



DW-TL

①

Ref. 56009 NEW**Suitable / Reemplaza:**

Audi 8E0 906 627 C
Volkswagen 8E0 906 627 A
8E0 906 627 C

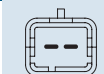
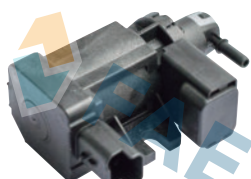


DW-TL

①

Ref. 56018 NEW**Suitable / Reemplaza:**

Citroën 1628 TV
1628 ZT
96.417.266.80
96.450.291.80
Ford 1148062
1231919
2S61-9S468-AD
3M5Q-9E882-BA
Peugeot 1628.TV
1628.ZT
96 417 266 80
96 450 219 80
Peugeot M. 1628.ZT

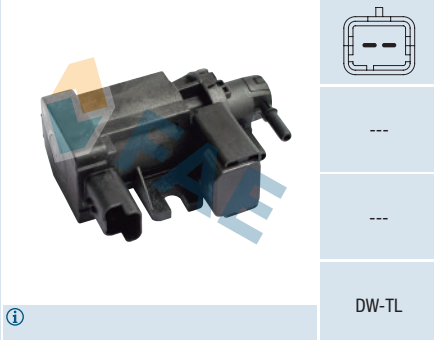


DW-TL

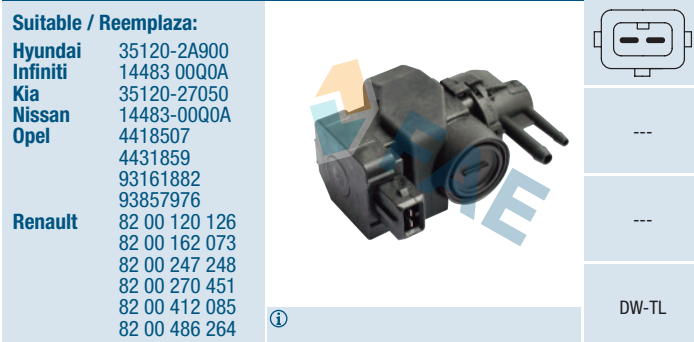
①

**Ref. 56019 NEW****Suitable / Reemplaza:**

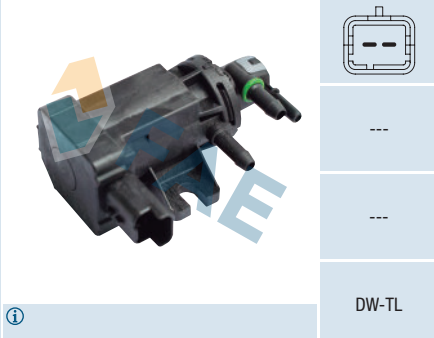
Citroën	96.500.983.80
	96.542.828.80
	96.542.869.80
Ford	1449602
	3M5Q-9E882-BB
	6G9Q-9E882-CA
Peugeot	1618.42
	96 500 983 80
	96 542 828 80
	96 542 869 80
Peugeot M.	1618.42
Renault	96 50 098 380
Volvo	31216025
	3065076-9

**Ref. 56027 NEW****Suitable / Reemplaza:**

Hyundai	35120-2A900
	14483 00Q0A
Infiniti	35120-27050
Kia	14483-00Q0A
Nissan	4418507
	4431859
Opel	93161882
	93857976
Renault	82 00 120 126
	82 00 162 073
	82 00 247 248
	82 00 270 451
	82 00 412 085
	82 00 486 264

**Ref. 56020 NEW****Suitable / Reemplaza:**

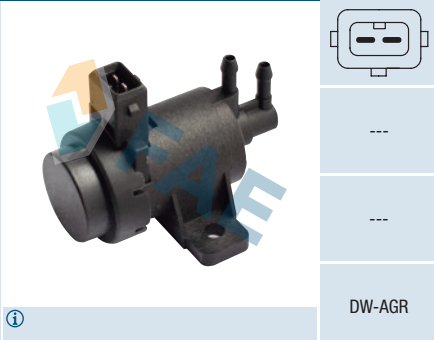
Citroën	1618 KC
	1618 QH
	1618 QQ
	96.658.862.80
	96.740.846.80
	96.740.916.80
	98.018.876.80
	9801887680
	1618.KC
	1618.QH
Fiat	1618.QQ
	96 658 862 80
	96 740 916 80
	98 018 876 80
Peugeot	

**Ref. 56028 NEW****Suitable / Reemplaza:**

Alfa Romeo	55206832
Fiat	55206832
Lancia	00552068320
	55206832

**Ref. 56024 NEW****Suitable / Reemplaza:**

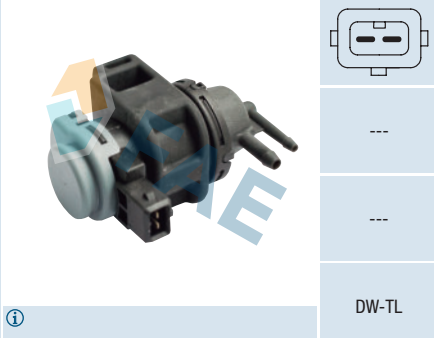
G.M.	09110766
	91167214
	14956 00QAA
Infiniti	14956-00QAA
	4402766
Nissan	4414112
	09110766
Opel	91167214
	77 00 109 099
	77 00 113 071
Renault	

**Ref. 56029 NEW****Suitable / Reemplaza:**

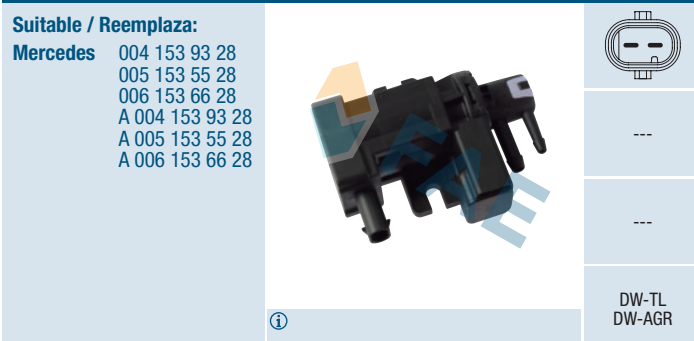
Opel	4801997
	25183381

**Ref. 56025 NEW****Suitable / Reemplaza:**

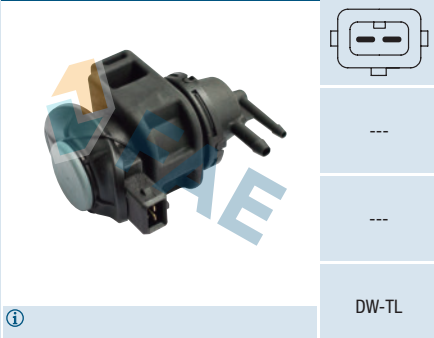
Renault	82 00 575 400
----------------	---------------

**Ref. 56031 NEW****Suitable / Reemplaza:**

Mercedes	004 153 93 28
	005 153 55 28
	006 153 66 28
	A 004 153 93 28
	A 005 153 55 28
	A 006 153 66 28

**Ref. 56026 NEW****Suitable / Reemplaza:**

Dacia	8200201099
	8200625684
	8200661049
Nissan	14956-BC40A
	82 00 201 099
Renault	82 00 625 684
	82 00 661 049

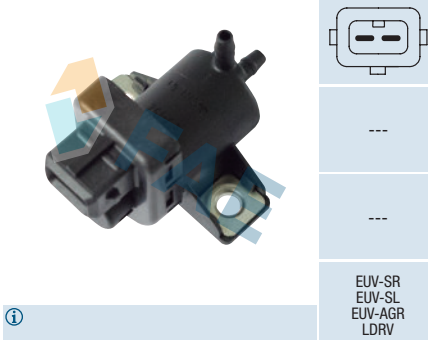
**Ref. 56032 NEW****Suitable / Reemplaza:**

BMW	11 74 0 396 414
	11 74 1 742 712
	11 74 7 810 831
	11 74 0 396 414
BMW Moto.	11 74 1 742 712
	11 74 7 810 831
	11 74 7 810 831
Land Rover	YDJ100000

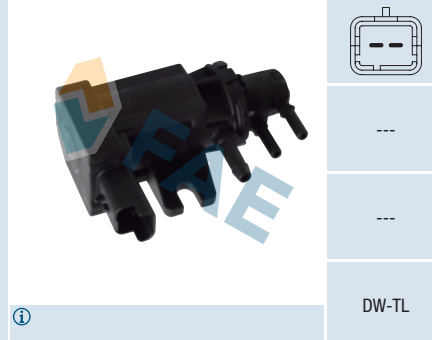


**Ref. 56033 NEW****Suitable / Reemplaza:**

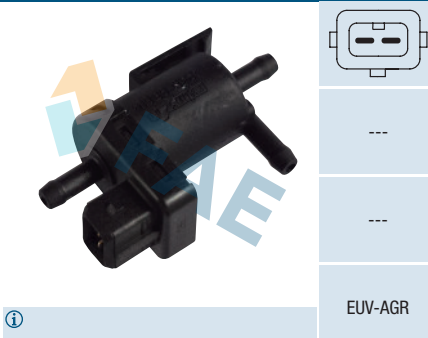
Audi 037 906 283 B
8972882490
8972882491
Opel 860489
97288249
Seat 037 906 283 B
Skoda 037 906 283 B
Volkswagen 037 906 283 B

**Ref. 56038 NEW****Suitable / Reemplaza:**

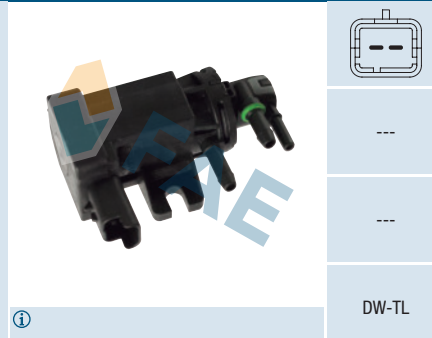
Citroën 1618 C9
1618 JH
96.525.701.80
96.529.975.80
Ford 1313848
3M5Q-9E882-CC
Peugeot 1618.C9
1618.JH
96.529.975.80
Peug. Moto 1618.C9
1618.JH
96.525.701.80
96.529.975.80
Volvo 30711101

**Ref. 56034 NEW****Suitable / Reemplaza:**

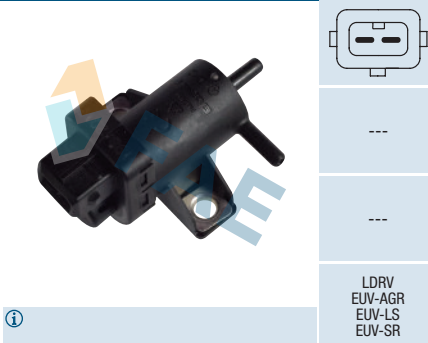
Volvo 9155936

**Ref. 56039 NEW****Suitable / Reemplaza:**

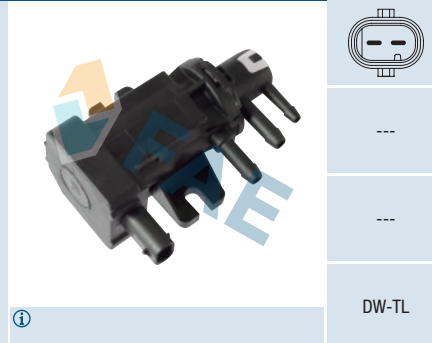
Citroën 1618 X2
96.619.603.80
Fiat 9661960380
Lancia 9661960380
Peugeot 1618.X2
96.619.603.80
Peug. Moto 1618.X2

**Ref. 56035 NEW****Suitable / Reemplaza:**

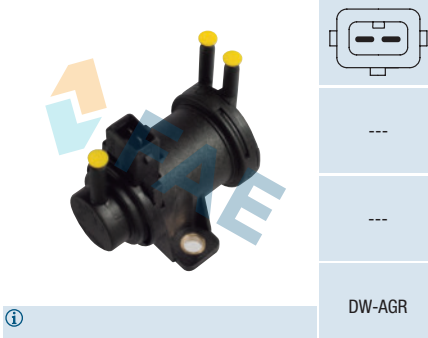
Opel 4402714
4433986
09110714
93198237
Renault 77 00 100 788
82 00 762 597

**Ref. 56041 NEW****Suitable / Reemplaza:**

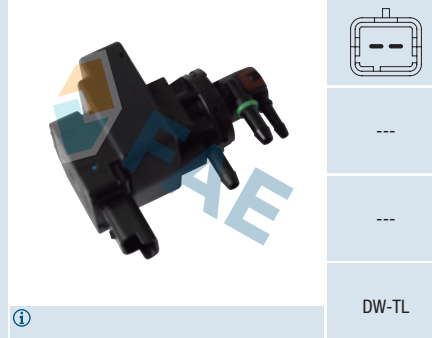
Mercedes 007 153 14 28
009 153 31 28
A 007 153 14 28
A 009 153 31 28

**Ref. 56036 NEW****Suitable / Reemplaza:**

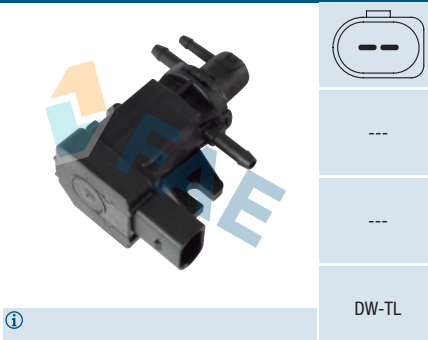
Fiat 46524556

**Ref. 56042 NEW****Suitable / Reemplaza:**

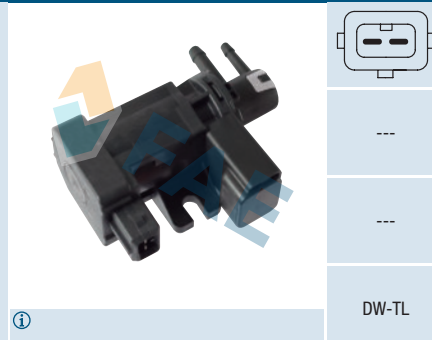
BMW 11 65 7 552 946
11 65 7 566 781
11 65 7 595 373
11 65 7 599 547
BMW Moto. 11 65 7 552 946
11 65 7 566 781
11 65 7 595 373
11 65 7 599 547
Mini 11 65 7 552 946
11 65 7 566 781
11 65 7 595 373
11 65 7 599 547

**Ref. 56037 NEW****Suitable / Reemplaza:**

Audi 1J0 906 627 A
1K0 906 627 E
Seat 1J0 906 627 A
1K0 906 627 E
Skoda 1J0 906 627 A
1K0 906 627 E
Volkswagen 1J0 906 627 A
1K0 906 627 E

**Ref. 56043 NEW****Suitable / Reemplaza:**

Opel 851026
851081
851277
5851609
55354529
55563532
55565584
55573801
Volvo 30637251

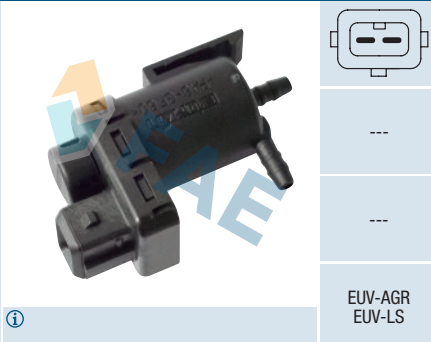




Ref. 56045 **NEW**

Suitable / Reemplaza:

Opel 5851010
5851019
90530039
90542357
Saab 90530039
90542357



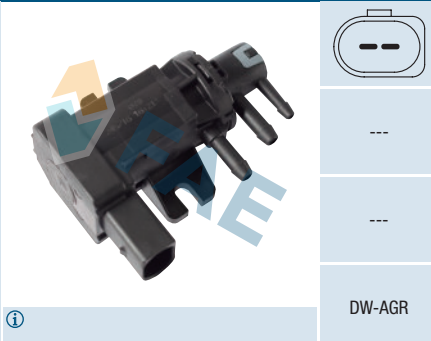
 EUV-AGR
EUV-LS

①

Ref. 56046 **NEW**

Suitable / Reemplaza:

Volkswagen 1J0 906 627 C
1K0 906 627



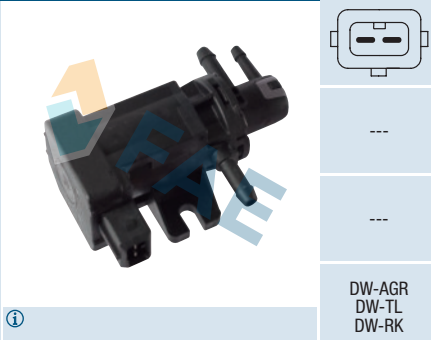
DW-AGR

①

Ref. 56047 **NEW**

Suitable / Reemplaza:

Audi 1H0 906 627
DAF 1325157
Ford 1003802
95 VW12B573 CA
Seat 1H0 906 627
Skoda 1H0 906 627
Volkswagen 1H0 906 627
Volvo 618057
30618057



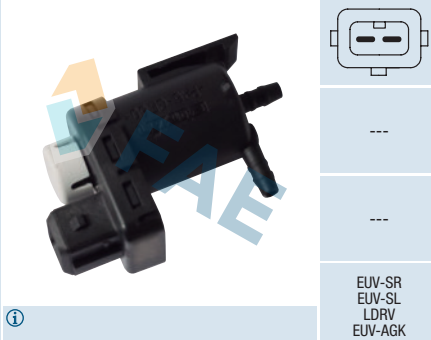
 DW-AGR
DW-TL
DW-RK

①

Ref. 56051 **NEW**

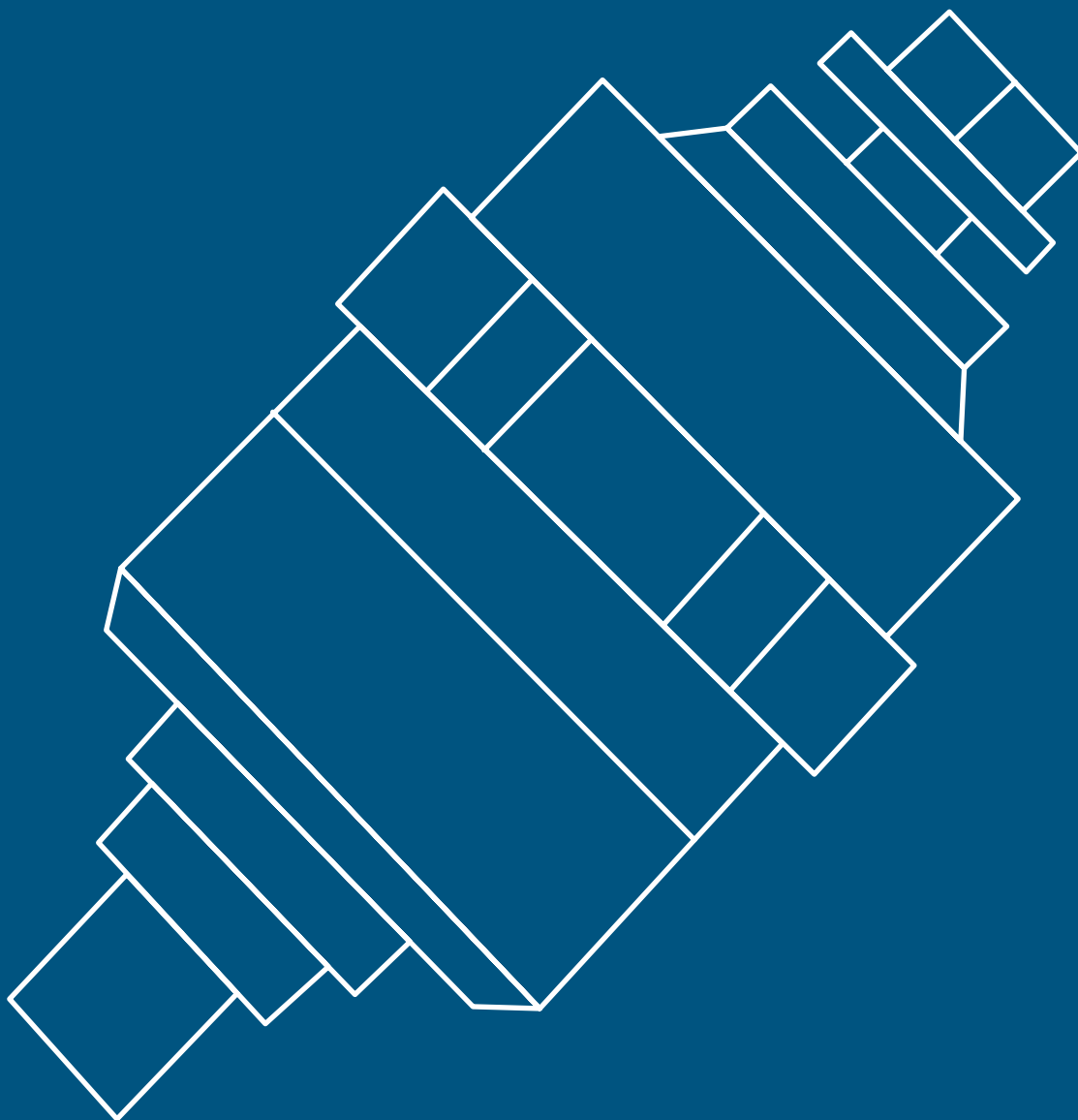
Suitable / Reemplaza:

Porsche 7PP 906 270
996 605 123 01



 EUV-SR
EUV-SL
LDRV
EUV-AGK

①



SOLENOIDS
SOLENOIDES
SOLENOIDES



TECHNICAL INFORMATION

FAE 73XXX SOLENOID VALVES

Electrical shut-off device (ELAB).

The electromagnetic valve that stops the fuel feed is assembled in the upper part of the distributor head of the fuel-injection pump.

When it is connected, in other words with the diesel engine turned on, the electromagnet keeps the entrance hole to the high-pressure area open. On taking away contact through the corresponding switch, the coil of the electromagnet no longer has any electrical current. The magnetic field is cancelled and the spring presses the induction against the seat of the valve, meaning that the opening to the high-pressure chamber is closed and the piston distributor stops feeding fuel.

With the electronic diesel control (EDC), the motor stops by means of the flow positioning mechanism (procedure: injection flow at zero). In this case, the ELAB only serves to carry out the safety disconnection in the case of failure of the positioning mechanism.

This kind of pump has been used for quite some time in diesel engines; its basic constitution has not changed; the only variations are due to the application of the electronic management in diesel motors.



INFORMACIÓN TÉCNICA

SOLENOIDES - ELCTROVÁLVULAS FAE 73XXX

Dispositivo de parada eléctrico (ELAB).

La válvula electromagnética de corte de alimentación de combustible va montada en la parte superior de la cabeza distribuidora de la bomba de inyección.

Cuando está conectada, es decir, con el motor diésel en marcha, el electroimán mantiene abierto el orificio de entrada al recinto de alta presión. Al quitar el contacto mediante el interruptor correspondiente, la bobina del electroimán queda sin corriente. El campo magnético se anula y el muelle presiona el inducido contra el asiento de la válvula, con lo que se obtura el orificio de llegada a la cámara de alta presión y el émbolo distribuidor deja de alimentar combustible.

Con la regulación electrónica diésel (EDC) se para el motor mediante el mecanismo posicionador de caudal (procedimiento: caudal de inyección a cero). En este caso el ELAB sirve únicamente para efectuar la desconexión de seguridad en caso de fallo del mecanismo posicionador.

Este tipo de bombas se viene usando desde hace bastante tiempo en los motores diésel, su constitución básica no ha cambiado, las únicas variaciones han venido dadas por la aplicación de la gestión electrónica en los motores diésel.



INFORMATION TECHNIQUE

SOLÉNOÏDES - ÉLECTROVANNES FAE 73XXX

Dispositif d'arrêt électrique (ELAB).

La vanne électromagnétique de coupure d'approvisionnement en carburant est montée sur la partie supérieure de la tête de distribution de la pompe d'injection.

Quand il est connecté, c'est à dire, avec le moteur diésel en marche, l'électroaimant permet de laisser ouvert l'orifice d'entrée à l'enceinte haute pression. En enlevant le contact à l'aide de l'interrupteur correspondant, la bobine d'électroaimant n'a plus de courant. Le champ magnétique est annulé et le ressort appuie l'induit contre le siège de vanne, obturant ainsi l'orifice d'arrivée dans la chambre à haute pression et le piston de distribution ne fournit plus de combustible.

Avec le réglage électronique diésel (EDC), on arrête le moteur à l'aide du mécanisme de positionnement de débit (procédé : débit d'injection à zéro). Dans ce cas, l'ELAB sert uniquement à effectuer la déconnexion de sécurité en cas de défaillance du mécanisme de positionnement.

Ce type de pompes est utilisé depuis quelque temps dans les moteurs diésel, sa constitution de base n'a pas changée, les seules variations ont été données par l'application de la gestion électronique dans les moteurs diésel.

Traction or push-pull electromagnet.
Electroimán de tracción o de empuje.
Electroaimant à traction ou poussée.

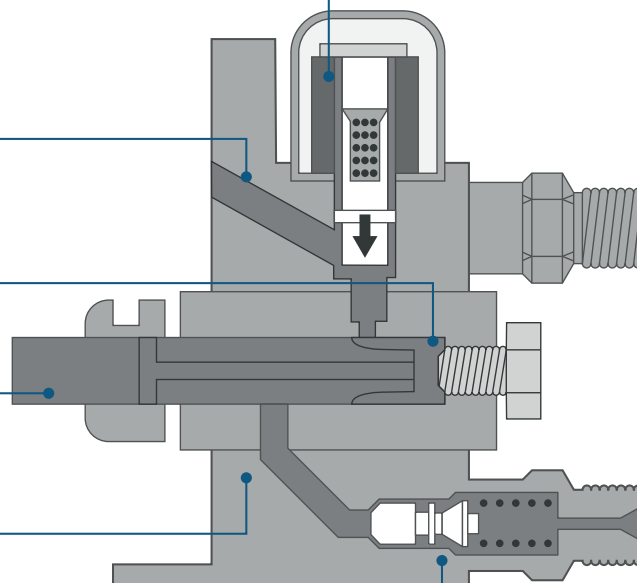
Entrance hole.
Orificio de entrada.
Orifice d'entrée.

High pressure chamber.
Cámara de alta presión.
Chambre à haute pression.

Piston distributor.
Embolo distribuidor.
Piston de distribution.

Distributor head.
Cabeza distribuidora.
Tête de distribution.

High pressure chamber.
Cámara de alta presión.
Chambre à haute pression.





Ref. FAE

Suitable / Reemplaza:
Cross references
Cruce de referencias
Tableau des equivalences

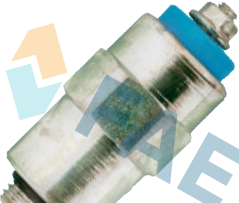
	CONNECTION CONEXIÓN CONNEXION

	VOLTAGE VOLTAGE VOLTAGE

Ref. 73010

Suitable / Reemplaza:

Alfa Romeo 9943882
Citroën 1680 85
Cummins 3904630
DAF CBU1334
Fiat 994803
Ford 6132416
E8NN-9D278-AA
Iveco 9986316
John Deere RE-22744
Lancia 9948032
Peugeot 1680.85
Renault 60 05 028 062
77 01 030 222
Rover CBU1334

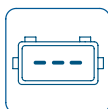
	M 5

	12V

SYMBOLS / SÍMBOLOS / SYMBOLES



Solenoids.
Solenoides.
Solenoides.



Type of connection.
Tipo de conexión.
Type de connexion.



Information.
Información.
Information.

Vehicles models for general information only. Not to be used as a detailed applications guide.
Manufacturer's names and original numbers are quoted for reference purposes only.

Los modelos de vehículos se dan como información general. No se deben utilizar como guía detallada de aplicaciones.
Los nombres y referencias de los fabricantes de vehículos sirven únicamente para ayudar a encontrar más rápidamente nuestros productos.

Les modèles de véhicules sont présentés à titre d'information générale uniquement. Le document ne constitue pas un guide pratique et ne doit pas être utilisé comme tel.
Le noms et numéros des fabricants sont mentionnés seulement pour faciliter la recherche de nos références.

For further applications and/or another products see our interactive catalog in <http://ecatalog.fae.es/en>

Para más aplicaciones y/o otros productos consulte nuestro catálogo interactivo en <http://ecatalog.fae.es/es>

Pour déterminer les autres applications et/ou d'autres produits consultez notre catalogue interactive à <http://ecatalog.fae.es/fr>





Ref. 73010

Suitable / Reemplaza:

Alfa Romeo	9943882
Citroën	1680 85
Cummins	3904630
DAF	CBU1334
Fiat	994803
Ford	6132416
	E8NN-9D278-AA
Iveco	9986316
John Deere	RE-22744
Lancia	9948032
Peugeot	1680.85
Renault	60 05 028 062
	77 01 030 222
Rover	CBU1334



12V



Ref. 73015

Suitable / Reemplaza:

Delphi	9109-258
	9109-262
Renault	77 01 042 753



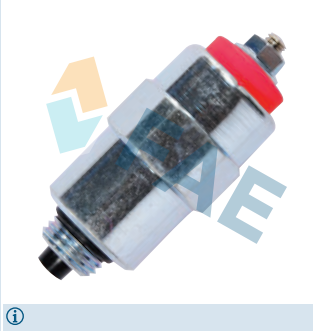
12V



Ref. 73011

Suitable / Reemplaza:

Cummins	3905125
DAF	CBU1416
	CBU1418
Delphi	7180-049
	7185-900K
Fiat	79074016
John Deere	RE-31856
New Holland	79074016
Sidat	81.209
Volvo	14215610



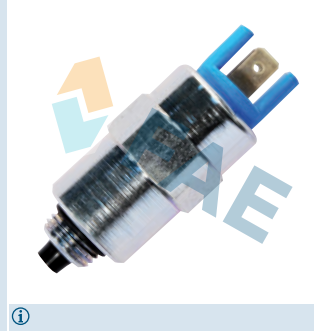
24V



Ref. 73018

Suitable / Reemplaza:

Caterpillar	7W6249
DAF	BBU3948
Massey F.	28480008
	28730179
	1896464 M1
Mitsubishi	SPE00010
Perkins	26420472
	28730179
Renault Tr.	54 30 020 438



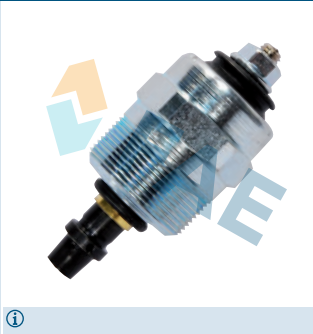
12V



Ref. 73012

Suitable / Reemplaza:

Audi	028 130 135 B, F
BMW	13 51 2 243 295
Fiat	9936291
Ford	765F-9D278-AA
	86FF-9D278-AA
G.M.	9192925
Hyundai	39121-42020
Iveco	9971877
Man	51.11613.0017
Nissan	16870-9C601
Peugeot	1680.41/60/95/96
Renault	77 01 045 323
Rover	RTC6702
Volvo	1257676



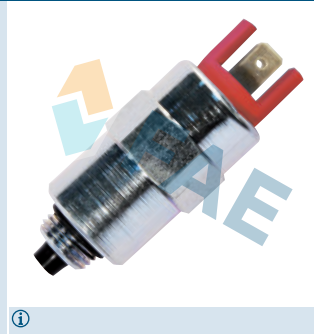
12V



Ref. 73019

Suitable / Reemplaza:

DAF	BBU2930
Delphi	7185-900P
Perkins	26420471
	26431675
Renault Tr.	50 00 815 650
	54 30 023 662
Sidat	81.201



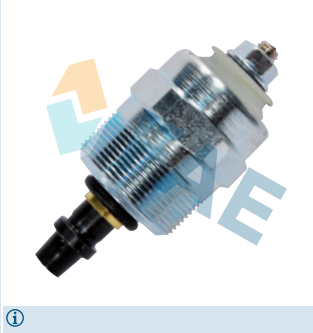
24V



Ref. 73013

Suitable / Reemplaza:

Audi	068 130 135 B
	2TA 130 135
Citroën	96.125.564.80
Cummins	3090357
DAF	CBU1908
Iveco	79082108
Man	81.259.020.214
Nissan	03903-5370
Peugeot	1680.53/56
Renault	50 00 809 935
	50 01 855 545
Rover	STC 3315
VM Motori	45020047A
Volvo	244968



24V



Ref. 73020

Suitable / Reemplaza:

Delphi	7185-900G
Perkins	26420469



12V



Ref. 73014

Suitable / Reemplaza:

Denso	096 010-0500
	096 010-0690
	096 030-0160



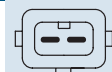
12V



Ref. 73021

Suitable / Reemplaza:

Delphi	7185-900H
Perkins	26420470



24V



**Ref. 73104**

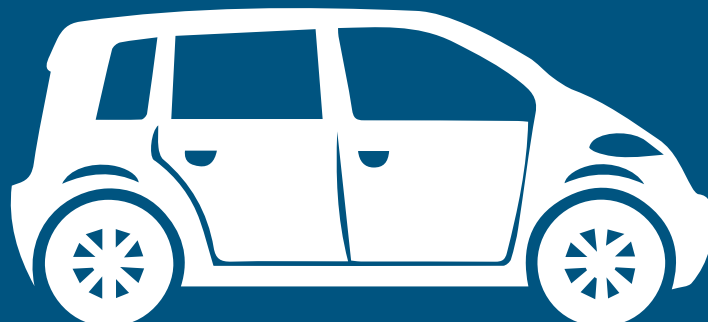
Suitable / Reemplaza:
Delphi 9100-328D


M 12

12V



[illegible]



VEHICLE APPLICATIONS
APLICACIONES POR VEHÍCULOS
APPLICATIONS POUR VÉHICULES



GLOSSARY BODY DESIGN / GLOSARIO TIPOS DE CARROCERÍA / GLOSSARIE TYPES DE CARROSSERIE



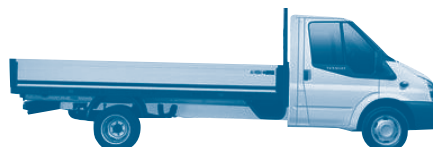
Hatchback.
Berlina 3 y 5p.
Fastback.



Truck / Lorry.
Camión.
Camion.



Saloon / Sedan.
Sedán.
A trois volumes.



Flatbed / Chassis.
Caja / Chasis.
Camion plate-forme / Châssis.



Station Wagon / SW.
Familiar.
Break.



Minibus / Bus / Coach.
Microbus / Autobús.
Autobus / Autocar.



MPV.
Monovolumen.
Monospace.



Box / Van.
Furgoneta / Furgón.
Camionnette.



Closed Off-Road / 4WD / SUV.
Todo terreno cerrada / 4x4 / SUV.
Tout terrain à crosserie ferméé.



Open Off-Road / Pick-up truck.
Todo terreno abierta / Pick-up.
Tout terrain à crosserie ouverte.



Convertible / Roadster.
Descapotable / Cabrio.
Décapotable.



Tractor.
Tractor.
Tracteur.



Coupe / Sportback.
Cupé.
Coupé.



Motorcycle.
Motocicleta.
Moto.



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CHEVROLET	48	MAN	60-66	SEAT	86-89
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SYMBOLS / SÍMBOLOS / SYMBOLES



Vehicle applications.
Aplicaciones por vehículos.
Applications pour véhicules.



Kilowatts / Horse power.
Kilovatios / Caballos de vapor.
Kilowatts / Chevaux-vapeur.



Engine.
Motor.
Moteur.



Information.
Información.
Information.



Year.
Año.
Année.



Cross references.
Cruce de referencias.
Tableau des équivalences.

EXAMPLES / EJEMPLOS / EXEMPLES



ALFA ROMEO

145 (930) 1.9 TD

AR 33601/AR 67501

DW-AGR AR 33601; 01.1997->

Solenoid

146 (930) 1.9 TD

AR 33601/AR 67501

DW-AGR AR 33601; 01.1997->

Solenoid

147 (937) 1.9 JTD

937 A2.000

DW-TL

1994-99

66 90

56036

73012

1994-99

66 90

56036

73012

2001-10

85 115

56004

MAKER / FABRICANTE / CONSTRUCTEUR

MODEL / MODELO / MODELE

ENGINE / MOTOR / MOTEUR

Info

Date / Fecha / Date

KW HP

REF. FAE

INFORMATION / INFORMACIÓN / INFORMATION

GBR

This catalogue considers vehicles with:

- Left Hand Drive (L.H.D.)
- Manual Gear, 5 speed
- Without Air Conditioning
- Without Check Control
- Without Cruise Control
- Without ABS

As the standard vehicle (generic).

Vehicles with different features (criteria) are treated in a specific way in the information column.

ESP

En este catálogo se han considerado los vehículos con:

- Conducción a la izquierda (L.H.D.)
- Cambio Manual, 5 velocidades
- Sin Aire Acondicionado
- Sin Check Control
- Sin Cruise Control
- Sin ABS

Como el vehículo standard (genérico).

El resto de vehículos con otras características (criterios) se tratan de forma específica en la columna de información.

FRA

Dans ce catalogue sont considérés les véhicules avec:

- Conduction à gauche (L.H.D.)
- Avec boîte de vitesses manuelle, 5 vitesses
- Sans Air Conditionné/Climatisation
- Sans Tableau de Contrôle
- Sans Vitesse de Croisière
- Sans Antiblocage (ABS)

Comme le véhicule standard (générique).

Le reste des véhicules avec d'autres caractéristiques (critères) sont abordés d'une façon spécifique dans la colonne d'information.



ALFA ROMEO		
145 (930) 1.9 TD	1994-99	
AR 33601/AR 67501	66	90
DW-AGR AR 33601; 01.1997->	56036	
Solenoid	73012	
146 (930) 1.9 TD	1994-99	
AR 33601/AR 67501	66	90
DW-AGR AR 33601; 01.1997->	56036	
Solenoid	73012	
147 (937) 1.9 JTD	2001-10	
937 A2.000	85	115
DW-TL	56004	
147 (937) 1.9 JTD 16V	2002-10	
192 A5.000	103	140
DW-TL	56004	
147 (937) 1.9 JTD 16V	2003-04	
937 A4.000	93	126
DW-TL	56004	
147 (937) 1.9 JTD 16V	2004-10	
192 B1.000	100	136
DW-TL	56004	
147 (937) 1.9 JTDM	2004-10	
939 A7.000	85	115
DW-TL	56004	
147 (937) 1.9 JTDM 16V	2004-10	
937 A5.000	110	150
DW-TL	56004	
147 (937) 1.9 JTDM 16V	2008-10	
937 A6.000	125	170
DW-TL	56004	
147 (937) 1.9 JTDM 8V	2005-10	
937 A2.000/937 A3.000	88	120
DW-TL	56004	
155 (167) 1.9 TD	1993-97	
AR 67501	66	90
Solenoid	73012	
155 (167) 2.5 TD	1993-97	
VM 07 B/VM 31 B	92	125
Solenoid	73012	
156 (932) 1.9 JTD	2000-01	
AR 37101	81	110
DW-AGR AR 37101	56036	
DW-TL	56004	
156 (932) 1.9 JTD	2001-05	
937 A2.000	85	115
DW-TL	56004	
156 (932) 1.9 JTD	2003-05	
937 A4.000	93	126
DW-TL	56004	
156 (932) 1.9 JTD	2002-04	
192 B1.000	100	136
DW-TL	56004	
156 (932) 1.9 JTD	2004-05	
937 A5.000	110	150
DW-TL	56004	
156 (932) 1.9 JTD	1997-00	
AR 32302	77	105
DW-AGR AR 32302	56036	
DW-TL	56004	
156 (932) 2.4 JTD	2000-05	
839 A6.000	103	140
DW-TL	56004	
156 (932) 2.4 JTD	2002-05	
841 C000	110	150
DW-TL	56004	
156 (932) 2.4 JTD	2003-05	
841 G.000	129	175
DW-TL	56004	
156 (932) 2.4 JTD	2003-05	
841 N.000/841 M.000	120	163
DW-TL	56004	
156 Sportwagon (932) 1.9 JTD	2000-00	
AR 32302	77	105
DW-AGR AR 32302	56036	
DW-TL	56004	
156 Sportwagon (932) 1.9 JTD	2000-01	
AR 37101	81	110
DW-AGR AR 37101	56036	
DW-TL	56004	

ALFA ROMEO Cont.		
156 Sportwagon (932) 1.9 JTD		2001-06
937 A2.000	85	115
DW-TL	56004	
156 Sportwagon (932) 1.9 JTD		2005-06
937 A5.000	110	150
DW-TL	56004	
156 Sportwagon (932) 1.9 JTD		2003-06
937 A4.000	93	126
DW-TL	56004	
156 Sportwagon (932) 1.9 JTD		2002-04
192 B1.000	100	136
DW-TL	56004	
156 Sportwagon (932) 1.9 JTD 16V Q4		2004-06
937 A5.000	110	150
DW-TL	56004	
156 Sportwagon (932) 2.4 JTD		2000-06
839 A6.000	103	140
DW-TL	56004	
156 Sportwagon (932) 2.4 JTD		2002-06
841 C000	110	150
DW-TL	56004	
156 Sportwagon (932) 2.4 JTD		2003-06
841 G.000	129	175
DW-TL	56004	
156 Sportwagon (932) 2.4 JTD		2003-06
841 N.000/841 M.000	120	163
DW-TL	56004	
159 (939) 1.9 JTDM 16V		2005-11
939 A2.000	110	150
DW-TL	56004	
159 (939) 1.9 JTDM 16V		2005-11
939 A8.000/937 A8.000	100	136
DW-TL 939 A8.000	56004	
159 (939) 1.9 JTDM 8V		2005-11
939 A1.000	88	120
DW-TL	56004	
159 (939) 2.0 JTDM		2009-11
939 B3.000	125	170
DW-TL	56004	
159 (939) 2.0 JTDM		2010-11
939 B4.000	100	136
DW-TL	56004	
159 (939) 2.0 JTDM		2009-11
844 A2.000	120	163
DW-TL	56004	
159 (939) 2.4 JTDM		2005-11
939 A3.000	147	200
DW-TL	56004	
159 (939) 2.4 JTDM		2007-11
939 A9.000	154	210
DW-TL	56004	
159 (939) 2.4 JTDM Q4		2007-11
939 A9.000	154	210
DW-TL	56004	
159 Sportwagon (939) 1.9 JTDM 16V		2006-11
939 A2.000	110	150
DW-TL	56004	
159 Sportwagon (939) 1.9 JTDM 16V		2006-11
937 A8.000	100	136
DW-TL	56004	
159 Sportwagon (939) 1.9 JTDM 8V		2006-11
939 A1.000	88	120
DW-TL	56004	
159 Sportwagon (939) 2.0 JTDM		2009-11
939 B3.000	125	170
DW-TL	56004	
159 Sportwagon (939) 2.0 JTDM		2010-11
939 B4.000	100	136
DW-TL	56004	
159 Sportwagon (939) 2.0 JTDM		2009-11
844 A2.000	120	163
DW-TL	56004	
159 Sportwagon (939) 2.4 JTDM		2006-11
939 A3.000	147	200
DW-TL	56004	
159 Sportwagon (939) 2.4 JTDM		2007-11
939 A9.000	154	210
DW-TL	56004	



ALFA ROMEO Cont.		
159 Sportwagon (939) 2.4 JTDM Q4	2007-11	
939 A9.000	154	210
DW-TL		56004
164 (164) 2.5 TD	1992-98	
VM 32 B/VM 08 B	92	125
Solenoid		73012
164 (164) 2.5 TD	1987-92	
VM 84 A	84	114
Solenoid		73012
166 (936) 2.4 JTD	1998-00	
AR 34202	100	136
DW-AGR AR 34202		56036
166 (936) 2.4 JTD	2000-07	
839 A6.000	103	140
DW-AGR 839 A6		56036
DW-TL		56004
166 (936) 2.4 JTD	2002-07	
841 C000	110	150
DW-TL		56004
166 (936) 2.4 JTD	2003-07	
841 G.000/841 H.000	129	175
DW-TL		56004
166 (936) 2.4 JTD	2003-07	
841 N.000/841 M.000	120	163
DW-TL		56004
33 (905) 1.8 TD	1986-90	
VM 82 A	54	73
Solenoid		73012
33 (907A) 1.8 TD	1990-94	
VM 96 A	62	84
Solenoid		73012
33 Sportwagon (905A) 1.8 TD	1986-89	
VM 96 A	62	84
Solenoid		73012
6 (119) 2.5 TD	1981-86	
VM-HR 588 HT	77	105
Solenoid		73012
75 (162B) 2.4 TD	1989-92	
VM 81 A	82	112
Solenoid		73012
90 (162) 2.4 TD	1984-87	
VM 81 A	81	110
Solenoid		73012
Alfetta (116) 2.4 TD	1983-84	
VM4HT 2.4	70	95
Solenoid		73012
Brera 2.0 JTDM	2009-10	
939 B3.000	125	170
DW-TL		56004
Brera 2.0 JTDM	2008-10	
844 A2.000	120	163
DW-TL		56004
Brera 2.4 JTDM 20V	2006-10	
939 A3.000	147	200
DW-TL		56004
Brera 2.4 JTDM 20V	2007-10	
939 A9.000	154	210
DW-TL		56004
Giulietta (940) 1.6 JTDM	2010->	
940 A3.000	77	105
DW-TL		56004
Giulietta (940) 2.0 JTDM	2010->	
940 A8.000/940 B6.000/940 C4.000	100	136
DW-TL 940 A8.000		56004
Giulietta (940) 2.0 JTDM	2010->	
940 C3.000/940 A5.000	103	140
DW-TL 940 A5.000		56004
Giulietta (940) 2.0 JTDM	2010->	
940 B4.000/940 A4.000	125	170
DW-TL		56004
GT (937) 1.9 JTD	2003-10	
937 A5.000	110	150
DW-TL		56004
GT (937) 1.9 JTD	2008-10	
937 A6.000	125	170
DW-TL		56004
Mito (955) 1.3 JTDM	2008->	
199 A3.000/955 B2.000	66	90
DW-TL 199 A3.000		56004

ALFA ROMEO Cont.		
Mito (955) 1.3 JTDM	2009->	
330 A1.000/199 B1.000	70	95
DW-TL 199 B1.000		56004
Spider (939) 2.0 JTDM	2009-10	
939 B3.000	125	170
DW-TL		56004
Spider (939) 2.0 JTDM	2009-10	
844 A2.000	120	163
DW-TL		56004
Spider (939) 2.4 JTDM	2007-10	
939 A3.000	147	200
DW-TL		56004
Spider (939) 2.4 JTDM	2008-10	
939 A3.000	154	210
DW-TL		56004
AUDI		
100 (43, C2) 2.0 D	1978-82	
CN	51	70
Solenoid		73012
100 (44, 44Q, C3) 2.0 D	1982-88	
CN	51	70
Solenoid		73012
100 (44, 44Q, C3) 2.0 D Turbo	1982-88	
DE	64	87
Solenoid		73012
100 (44, 44Q, C3) 2.0 D Turbo	1988-90	
NC	74	100
Solenoid		73012
100 (44, 44Q, C3) 2.5 TDI	1990-90	
1T	88	120
Solenoid		73012
100 (4A, C4) 2.5 TDI	1990-94	
AAT/ABP	85	115
DW-AGR AAT; Ch.4A-R-097 001->		56047
Solenoid		73012
100 Avant (43, C2) 2.0 D	1978-83	
CN	51	70
Solenoid		73012
100 Avant (44, 44Q, C3) 2.0 D	1983-90	
CN	51	70
Solenoid		73012
100 Avant (44, 44Q, C3) 2.0 TD	1983-87	
DE	64	87
Solenoid		73012
100 Avant (44, 44Q, C3) 2.0 TD	1988-90	
NC	74	100
Solenoid		73012
100 Avant (44, 44Q, C3) 2.5 TDI	1990-90	
1T	88	120
Solenoid		73012
100 Avant (4A, C4) 2.5 TDI	1990-94	
AAT/ABP	85	115
DW-AGR AAT; Ch.4A-R-097 001->		56047
Solenoid		73012
80 (81, 85, B2) 1.6 D	1980-86	
JK/CR	40	54
Solenoid		73012
80 (81, 85, B2) 1.6 TD	1981-86	
CY	51	70
Solenoid		73012
80 (8C, B4) 1.9 TDI	1991-94	
1Z	66	90
DW-AGR		56047
Solenoid		73012
80 Avant (8C, B4) 1.9 TDI	1992-96	
1Z	66	90
DW-AGR		56047
Solenoid		73012
A2 (8Z0) 1.2 TDI	2001-05	
ANY	45	61
DW-AGR		56047
DW-TL		56005
A2 (8Z0) 1.4 TDI	2000-05	
AMF/BHC	55	75
DW-AGR AMF		56047



AUDI Cont.		
A3 (8L1) 1.8		1996-03
AGN/APG	92	125
EUV-SR Ch.8L-W-000 0001->		56033
A3 (8L1) 1.9 TDI		2000-03
ASZ	96	130
DW-TL		56006
DW-TL		56008
A3 (8L1) 1.9 TDI		2000-03
AXR/ATD	74	100
DW-TL AXR		56006
DW-TL		56008
DW-TL ATD		56037
A3 (8L1) 1.9 TDI		1996-01
AGR/ALH	66	90
DW-AGR Ch.8L-X-200 000->		56047
DW-TL ->Ch.8L-X-200 000		56005
DW-TL Ch.8L-Y-000 001		56008
DW-TL Ch.8L-Y-000 001->		56037
EUV-ML		56032
Solenoid		73012
A3 (8L1) 1.9 TDI		1997-01
AHF/ASV	81	110
DW-AGR Ch.8L-X-200 000->		56047
DW-TL ->Ch.8L-X-200 000		56005
DW-TL Ch.8L-Y-000 001		56008
DW-TL Ch.8L-Y-000 001->		56037
Solenoid		73012
A3 (8L1) 1.9 TDI quattro		2000-03
ASZ	96	130
DW-TL		56006
DW-TL		56008
A3 (8P1) 1.2 TSI		2010-12
CBZB	77	105
Control Valve CBZB; Additional heating		55001
A3 (8P1) 1.4 TFSI		2007-12
CMSA/CAXC	92	125
Control Valve Additional heating		55001
A3 (8P1) 1.6		2003-12
BGU/BSF/BSE	75	102
Control Valve Additional heating		55001
A3 (8P1) 1.6 FSI		2003-07
BLF/BLP/BAG	85	115
Control Valve Additional heating		55001
A3 (8P1) 1.6 TDI		2009-12
CAYB	66	90
Control Valve CAYB; Additional heating		55001
A3 (8P1) 1.6 TDI		2009-12
CAYC	77	105
Control Valve CAYC; Additional heating		55001
A3 (8P1) 1.8 TFSI		2006-12
BZB/CDA/BYT	118	160
Control Valve Additional heating		55001
A3 (8P1) 1.8 TFSI quattro		2008-12
CDA	118	160
Control Valve CDA; Additional heating		55001
A3 (8P1) 1.9 TDI		2003-10
BXE/BKC/BLS	77	105
Control Valve Additional heating		55001
DW-TL BLS		56006
A3 (8P1) 2.0 FSI		2003-08
BLX/BLY/BMB/BLR/AXW/BVZ/BVY	110	150
Control Valve Additional heating		55001
A3 (8P1) 2.0 TDI		2003-12
CBAA/CFFA/AZV	100	136
Control Valve Additional heating		55001
DW-TL CBAA		56006
A3 (8P1) 2.0 TDI		2006-12
BMN/CFGB/CBBB	125	170
Control Valve Additional heating		55001
DW-TL BMN, CBBB		56006
A3 (8P1) 2.0 TDI		2005-08
BMM	103	140
Control Valve Additional heating		55001
DW-TL BMM		56006
A3 (8P1) 2.0 TDI		2006-08
BUY	120	163
Control Valve BUY; Additional heating		55001
DW-TL		56006

AUDI Cont.		
A3 (8P1) 2.0 TDI 16V		2003-12
CFFB/CLJA/CBAB/BKD	103	140
Control Valve Additional heating		55001
DW-TL CBAB		56006
A3 (8P1) 2.0 TDI 16V quattro		2004-12
CFFB/CBAB/BKD	103	140
Control Valve Additional heating		55001
DW-TL CBAB		56006
A3 (8P1) 2.0 TDI quattro		2003-08
AZV	100	136
Control Valve AZV; Additional heating		55001
A3 (8P1) 2.0 TDI quattro		2006-12
BMN/CFGB/CBBB	125	170
Control Valve Additional heating		55001
DW-TL BMN CBBB		56006
A3 (8P1) 2.0 TDI quattro		2006-08
BMM	103	140
Control Valve BMM; Additional heating		55001
DW-TL		56006
A3 (8P1) 2.0 TFSI		2004-12
BWA/AXX/CCZA/CAWB	147	200
Control Valve BWA; CAWB; CCZA; Additional heating		55001
A3 (8P1) 2.0 TFSI quattro		2004-12
BWA/AXX/CCZA/CCTA	147	200
Control Valve BWA; CCZA; Additional heating		55001
A3 (8P1) 3.2 V6 quattro		2003-09
BDB/BMJ/BUB	184	250
Control Valve Additional heating		55001
A3 (8P1) S3 quattro		2006-12
BHZ/CDLA	195	265
Control Valve Additional heating		55001
A3 (8P1) S3 quattro		2007-12
BZC/CDLC	188	256
Control Valve Additional heating		55001
A3 Cabriolet (8P7) 1.2 TFSI		2010-13
CBZB	77	105
Control Valve CBZB; Additional heating		55001
A3 Cabriolet (8P7) 1.4 TFSI		2011-13
CAXC	92	125
Control Valve CAXC; Additional heating		55001
A3 Cabriolet (8P7) 1.6		2008-10
BSE	75	102
Control Valve BSE; Additional heating		55001
A3 Cabriolet (8P7) 1.6 TDI		2009-13
CAYC	77	105
Control Valve CAYC; Additional heating		55001
A3 Cabriolet (8P7) 1.8 TFSI		2008-13
BZB/CDA	118	160
Control Valve Additional heating		55001
A3 Cabriolet (8P7) 1.9 TDI		2008-09
BLS	77	105
Control Valve BLS; Additional heating		55001
DW-TL		56006
A3 Cabriolet (8P7) 2.0 TDI		2008-13
CFFB/CBAB	103	140
Control Valve Additional heating		55001
DW-TL CBAB		56006
A3 Cabriolet (8P7) 2.0 TDI		2008-13
CBAA/CFFA	100	136
DW-TL CBAA		56006
A3 Cabriolet (8P7) 2.0 TFSI		2008-13
CCZA/CAWB	147	200
Control Valve Additional heating		55001
A3 Sportback (8PA) 1.2 TSI		2010-13
CBZB	77	105
Control Valve CBZB; Additional heating		55001
A3 Sportback (8PA) 1.4 TFSI		2007-13
CMSA/CAXC	92	125
Control Valve Additional heating		55001
A3 Sportback (8PA) 1.6		2004-13
BGU/BSF/BSE	75	102
Control Valve Additional heating		55001
A3 Sportback (8PA) 1.6 FSI		2004-07
BLF/BLP	85	115
Control Valve Additional heating		55001
A3 Sportback (8PA) 1.6 TDI		2009-13
CAYB	66	90
Control Valve CAYB; Additional heating		55001



AUDI Cont.		
A3 Sportback (8PA) 1.6 TDI		
CAYC	77	105
Control Valve	CAYC; Additional heating	55001
A3 Sportback (8PA) 1.8 TFSI		
BZB/CDA/BYT	118	160
Control Valve	Additional heating	55001
A3 Sportback (8PA) 1.8 TFSI quattro		
CDA	118	160
Control Valve	CDA; Additional heating	55001
A3 Sportback (8PA) 1.9 TDI		
BXE/BKG/BLS	77	105
Control Valve	Additional heating	55001
DW-TL	BLS	56006
A3 Sportback (8PA) 2.0 FSI		
BLX/BLY/BMB/BLR/AXW/BVZ/BVY	110	150
Control Valve	Additional heating	55001
A3 Sportback (8PA) 2.0 TDI		
BMN/CFGB/CBBB	125	170
Control Valve	Additional heating	55001
DW-TL	BMN CBBB	56006
A3 Sportback (8PA) 2.0 TDI		
BMM	103	140
Control Valve	BMM; Additional heating	55001
DW-TL		56006
A3 Sportback (8PA) 2.0 TDI		
BUY	120	163
Control Valve	BUY; Additional heating	55001
DW-TL		56006
A3 Sportback (8PA) 2.0 TDI 16V		
CFFB/CLJA/CBAB/BKD	103	140
Control Valve	Additional heating	55001
DW-TL	CBAB	56006
A3 Sportback (8PA) 2.0 TDI 16V quattro		
CFFB/CBAB/BKD	103	140
Control Valve	Additional heating	55001
DW-TL	CBAB	56006
A3 Sportback (8PA) 2.0 TDI quattro		
BMN/CFGB/CBBB	125	170
Control Valve	Additional heating	55001
DW-TL	BMN, CBBB	56006
A3 Sportback (8PA) 2.0 TDI quattro		
BMM	103	140
Control Valve	BMM; Additional heating	55001
DW-TL		56006
A3 Sportback (8PA) 2.0 TFSI		
BWA/BPY/AXX/CCZA/CBFA/CAWB	147	200
Control Valve	BPY/BWA/CAWB/CBFA/CCZA; Additional heating	55001
A3 Sportback (8PA) 2.0 TFSI quattro		
BWA/BPY/AXX/CCZA	147	200
Control Valve	BPY; BWA; CCZA; Additional heating	55001
A3 Sportback (8PA) 3.2 V6 quattro		
BMJ/BUB	184	250
Control Valve	Additional heating	55001
A3 Sportback (8PA) S3 quattro		
BHZ/CDLA	195	265
Control Valve	Additional heating	55001
A3 Sportback (8PA) S3 quattro		
CDLC	188	256
Control Valve	CDLC; Additional heating	55001
A3 Sportback (8VA, 8VF) 1.4 TFSI e-tron		
CUKB/CXUA	110	150
Control Valve	Ch.8V-D-000 001; Additional heating	55014
A4 (8D2, B5) 1.9 TDI		
AJM	85	116
DW-AGR	Ch.8D-Y-300 000->	56047
DW-TL	Ch.8D-X-200 001-8D-Y-300 000	56005
DW-TL	Ch.8D-1-000 001->	56008
DW-TL	Ch.8D-1-000 001->	56037
A4 (8D2, B5) 1.9 TDI		
AFF	55	75
DW-AGR	AFF	56046
Solenoid		73012
A4 (8D2, B5) 1.9 TDI		
1Z/AHU/AHH	66	90
DW-AGR	1Z	56046
DW-TL	AHH	56005
Solenoid		73012

AUDI Cont.		
A4 (8D2, B5) 1.9 TDI		
AVG/AFN	81	110
DW-AGR	AVG	56047
DW-TL	Ch.8D-X-200 001->	56005
Solenoid		73012
A4 (8D2, B5) 1.9 TDI quattro		
ATJ/AJM	85	116
DW-AGR	AJM; Ch.8D-Y-300 000->	56047
DW-TL	Ch.8D-X-200 001-8D-Y-300 000	56005
DW-TL	Ch.8D-1-000 001->	56008
DW-TL	Ch.8D-1-000 001->	56037
A4 (8D2, B5) 1.9 TDI quattro		
AVG/AFN	81	110
DW-AGR	AFN	56047
DW-TL	Ch.8D-X-200 001->	56005
Solenoid		73012
A4 (8D2, B5) 2.5 TDI		
AFB/AFN	110	150
DW-TL		56006
A4 (8D2, B5) 2.5 TDI quattro		
AFB/AFN	110	150
DW-TL		56006
A4 (8E2, B6) 1.9 TDI		
AWX/AVF	96	130
DW-TL	Ch.8E-2-450 000	56009
A4 (8E2, B6) 1.9 TDI		
AVB	74	101
DW-TL	Ch.8E-2-450 000	56009
A4 (8E2, B6) 1.9 TDI		
BKE	85	116
DW-TL	Ch.8E-2-450 000	56009
A4 (8E2, B6) 1.9 TDI quattro		
AVF	96	130
DW-TL	Ch.8E-2-450 000	56009
A4 (8E2, B6) 2.5 TDI		
BCZ/BDG/BFC	120	163
DW-TL		56006
A4 (8EC, B7) 1.9 TDI		
BRB/BKE	85	116
DW-TL	Ch.8E-2-450 000	56009
A4 (8EC, B7) 2.0 TDI		
BNA/BRF	100	136
DW-TL	Ch.8E-5-400 001	56009
A4 (8EC, B7) 2.0 TDI 16V		
BLB/BRE	103	140
DW-TL	Ch.8E-5-400 001	56009
A4 (8EC, B7) 2.5 TDI		
BDG	120	163
DW-TL		56006
A4 Avant (8D5, B5) 1.9 DUO		
AHU	66	90
DW-AGR	AHU	56047
A4 Avant (8D5, B5) 1.9 TDI		
AJM	85	115
DW-AGR	Ch.8D-Y-300 000->	56047
DW-TL	Ch.8D-X-200 001-8D-Y-300 000	56005
DW-TL	Ch.8D-1-000 001->	56008
DW-TL	Ch.8D-1-000 001->	56037
A4 Avant (8D5, B5) 1.9 TDI		
AFF	55	75
DW-AGR	AFF	56047
Solenoid		73012
A4 Avant (8D5, B5) 1.9 TDI		
1Z/AHU/AHH	66	90
DW-AGR	AHH	56047
DW-TL	AHH	56005
Solenoid		73012
A4 Avant (8D5, B5) 1.9 TDI		
AVG/AFN	81	110
DW-AGR	AVG	56047
DW-TL	Ch.8D-X-200 001->	56005
Solenoid		73012
A4 Avant (8D5, B5) 1.9 TDI quattro		
ATJ/AJM	85	115
DW-AGR	AJM; Ch.8D-Y-300 000->	56047
DW-TL	Ch.8D-X-200 001-8D-Y-300 000	56005
DW-TL	Ch.8D-1-000 001->	56008
DW-TL	Ch.8D-1-000 001->	56037



AUDI Cont.		
A4 Avant (8D5, B5) 1.9 TDI quattro		1996-01
AVG/AFN	81	110
DW-AGR AFN		56047
DW-TL Ch.8D-X-200 001->		56005
Solenoid		73012
A4 Avant (8D5, B5) 2.5 TDI		1997-01
AFB/AKN	110	150
DW-TL		56006
A4 Avant (8E5, B6) 1.9 TDI		2001-04
AWX/AVF	96	130
DW-TL Ch.8E-2-450 000		56009
A4 Avant (8E5, B6) 1.9 TDI		2001-04
AVB	74	101
DW-TL Ch.8E-2-450 000		56009
A4 Avant (8E5, B6) 1.9 TDI		2004-04
BKE	85	116
DW-TL Ch.8E-2-450 000		56009
A4 Avant (8E5, B6) 1.9 TDI quattro		2001-04
AVF	96	130
DW-TL Ch.8E-2-450 000		56009
A4 Avant (8E5, B6) 2.5 TDI		2002-04
BCZ/BDG/BFC	120	163
DW-TL		56006
A4 Avant (8ED, B7) 1.9 TDI		2004-08
BRB/BKE	85	116
DW-TL Ch.8E-2-450 000		56009
A4 Avant (8ED, B7) 2.0 TDI		2004-08
BNA/BRF	100	136
DW-TL Ch.8E-5-400 001		56009
A4 Avant (8ED, B7) 2.0 TDI 16V		2004-08
BLB/BRE	103	140
DW-TL Ch.8E-5-400 001		56009
A4 Avant (8ED, B7) 2.5 TDI		2004-06
BDG	120	163
DW-TL		56006
A4 Cabriolet (8H7, B6, 8HE, B7) 2.5 TDI		2002-05
BCZ/BDG/BFC	120	163
DW-TL		56006
A6 (4A, C4) 1.9 TDI		1994-97
1Z/AHU	66	90
DW-AGR AHU		56047
Solenoid		73012
A6 (4A, C4) 2.5 TDI		1994-97
AEL	103	140
DW-AGR AEL		56047
Solenoid		73012
A6 (4A, C4) 2.5 TDI		1994-97
AAT	85	116
DW-AGR AAT		56047
Solenoid		73012
A6 (4A, C4) 2.5 TDI		1995-97
AAT	84	114
DW-AGR AAT		56047
Solenoid		73012
A6 (4A, C4) 2.5 TDI quattro		1995-97
AEL	103	140
DW-AGR AEL		56047
Solenoid		73012
A6 (4B2, C5) 1.9 TDI		2000-05
AJM	85	115
DW-AGR AJM		56047
DW-TL		56005
A6 (4B2, C5) 1.9 TDI		2001-05
AWX/AVF	96	130
DW-TL Ch.4B-3-000 001		56009
A6 (4B2, C5) 1.9 TDI		1997-00
AVG/AFN	81	110
DW-AGR		56047
DW-TL		56005
Solenoid		73012
A6 (4F2, C6) 2.0 TDI		2004-08
BLB/BRE	103	140
DW-TL Ch.4F-5-000 001		56009
A6 (4F2, C6) 2.0 TDI		2004-11
CAGB/BNA/BRF	100	136
DW-TL BNA-BRF; Ch.4F-5-000 001		56009

AUDI Cont.		
A6 Avant (4A, C4) 1.9 TDI		1994-97
1Z/AHU	66	90
DW-AGR AHU		56047
Solenoid		73012
A6 Avant (4A, C4) 2.5 TDI		1994-97
AEL	103	140
DW-AGR AEL		56047
Solenoid		73012
A6 Avant (4A, C4) 2.5 TDI		1995-97
AAT	84	114
DW-AGR AAT		56047
Solenoid		73012
A6 Avant (4A, C4) 2.5 TDI		1994-97
AAT	85	116
DW-AGR AAT		56047
Solenoid		73012
A6 Avant (4A, C4) 2.5 TDI		1994-97
AAT	85	116
DW-AGR AAT		56047
Solenoid		73012
A6 Avant (4A, C4) 2.5 TDI quattro		1995-97
AEL	103	140
DW-AGR AEL		56047
Solenoid		73012
A6 Avant (4B5, C5) 1.9 TDI		2000-05
AJM	85	115
DW-AGR AJM		56047
DW-TL		56005
A6 Avant (4B5, C5) 1.9 TDI		2001-05
AWX/AVF	96	130
DW-TL Ch.4B-3-000 001		56009
A6 Avant (4B5, C5) 1.9 TDI		1998-01
AFN	81	110
DW-AGR AFN		56047
DW-TL		56005
Solenoid		73012
A6 Avant (4F5, C6) 2.0 TDI		2005-08
BLB/BRE	103	140
DW-TL Ch.4F-5-000 001		56009
A6 Avant (4F5, C6) 2.0 TDI		2005-11
CAGB/BNA/BRF	100	136
DW-TL BNA-BRF; Ch.4F-5-000 001		56009
Cabriolet (8G7, B4) 1.9 TDI		1995-00
1Z/AHU	66	90
DW-AGR		56047
Solenoid		73012
Q5 (8R) 2.0 TDI		2010->
CSUB/CJCB	100	136
Control Valve Additional heating		55014
Q5 (8R) 2.0 TDI		2010->
CJCA	105	143
Control Valve CJCA; Additional heating		55014
Q5 (8R) 2.0 TDI		2013->
CJCD/CSUA	110	150
Control Valve Additional heating		55014
Q5 (8R) 2.0 TDI quattro		2013->
CNHA	140	190
Control Valve CNHA; Additional heating		55014
Q5 (8R) 2.0 TDI quattro		2008->
CAHA/CMGA/CGLB	125	170
Control Valve Additional heating		55014
Q5 (8R) 2.0 TDI quattro		2009->
CJCA/CAGA	105	143
Control Valve Additional heating		55014
Q5 (8R) 2.0 TDI quattro		2012->
CGLC/CMGB	130	177
Control Valve Additional heating		55014
Q5 (8R) 2.0 TDI quattro		2013->
CJCD/CSUA	110	150
Control Valve Additional heating		55014
Q5 (8R) 2.0 TFSI hybrid quattro		2011->
CHJA	155	211
Control Valve CHJA; Additional heating		55014
Q5 (8R) 2.0 TFSI quattro		2015->
CNCE	169	230
Control Valve CNCE; Additional heating		55014
Q5 (8R) 2.0 TFSI quattro		2008->
CAEB/CPMA/CDNC	155	211
Control Valve Additional heating		55014
Q5 (8R) 2.0 TFSI quattro		2009->
CDNB/CNCB	132	180
Control Valve Additional heating		55014



AUDI Cont.		
Q5 (8R) 2.0 TFSI quattro	2012->	
CNCD	165	224
Control Valve	CNCD; Additional heating	55014
Q5 (8R) 2.0 TFSI quattro	2013->	
CPMB	162	220
Control Valve	CPMB; Additional heating	55014
Q5 (8R) 3.0 TDI quattro	2013->	
CTBA	190	258
Control Valve	CTBA; Additional heating	55014
Q5 (8R) 3.0 TDI quattro	2008->	
CCWA/CPNB	176	240
Control Valve	Additional heating	55014
Q5 (8R) 3.0 TDI quattro	2012->	
CDUD	180	245
Control Valve	CDUD; Additional heating	55014
Q5 (8R) 3.0 TFSI quattro	2012->	
CTVA/CTUC	200	272
Control Valve	Additional heating	55014
Q5 (8R) 3.2 FSI quattro	2008->	
CALB	199	270
Control Valve	CALB; Additional heating	55014
Q5 (8R) Q5 3.0 TDI quattro	2012->	
CTBC	184	250
Control Valve	CTBC; Additional heating	55014
Q5 (8R) SQ5 TDI quattro	2015->	
CVUB	240	326
Control Valve	CVUB; Additional heating	55014
Q5 (8R) SQ5 TDI quattro	2012->	
CVUC/CGQB	230	313
Control Valve	CGQB; Additional heating	55014
Q5 (8R) SQ5 TFSI quattro	2013->	
CTUD/CTXA	260	354
Control Valve	Additional heating	55014
Q7 (4L) 3.0 TDI	2011-15	
CJGD/CRCA/CLZB	180	245
Control Valve	Additional heating	55014
Q7 (4L) 3.0 TDI	2006-08	
BUG	171	233
Control Valve	BUG; Additional heating	55014
Q7 (4L) 3.0 TDI	2006-10	
CASB/BUN	155	211
Control Valve	Additional heating	55014
Q7 (4L) 3.0 TDI	2007-15	
CASA/CJGA/CNRB/CCMA	176	240
Control Valve	Additional heating	55014
Q7 (4L) 3.0 TDI	2010-15	
CJMA/CJGC	150	204
Control Valve	Additional heating	55014
Q7 (4L) 3.0 TDI	2009-12	
CATA	165	224
Control Valve	CATA; Additional heating	55014
Q7 (4L) 3.0 TFSI	2011-15	
CTWB/CJWE	206	280
Control Valve	Additional heating	55014
Q7 (4L) 3.0 TFSI	2010-15	
CJWC/CJTC	200	272
Control Valve	Additional heating	55014
Q7 (4L) 3.0 TFSI	2010-15	
CJTB/CTWA/CNAA/CJWB	245	333
Control Valve	Additional heating	55014
Q7 (4L) 3.6 FSI	2006-10	
BHK	206	280
Control Valve	BHK; Additional heating	55014
Q7 (4L) 4.2 FSI	2006-10	
BAR	257	350
Control Valve	BAR; Additional heating	55014
Q7 (4L) 4.2 TDI	2007-09	
BTR	240	326
Control Valve	BTR; Additional heating	55014
Q7 (4L) 4.2 TDI	2009-15	
CCFA/CCFC	250	340
Control Valve	Additional heating	55014
Q7 (4L) 6.0 TDI	2008-14	
CCGA	368	500
Control Valve	CCGA; Additional heating	55014
TT (8J3) 2.0 TDI quattro	2008-14	
CFGB/CBBB	125	170
DW-TL	CBBB	56006

AUDI Cont.		
TT (8N3) 1.8 T quattro		1998-06
BAM/APX	165	224
EUV-SL	APX; Switch Valve	56033
TT Roadster (8J9) 2.0 TDI quattro		2008-14
CFGB/CBBB	125	170
DW-TL	CBBB	56006
TT Roadster (8N9) 1.8 T quattro		1999-06
BAM/APX	165	224
EUV-SL	APX; Switch Valve	56033
BMW		
1 (E81) 118 d		2006-11
N47 D20 A/N47 D20 C	105	143
EUV-AGR	09.2008->; Switch Valve; Electric	56032
1 (E81) 120 d		2006-11
N47 D20 A/N47 D20 C	120	163
EUV-AGR	09.2008->; Switch Valve; Electric	56032
1 (E81) 120 d		2006-11
N47 D20 A/N47 D20 C	130	177
EUV-AGR	09.2008->; Switch Valve; Electric	56032
1 (E81) 123 d		2007-11
N47 D20 B/N47 D20 D	150	204
EUV-AGR	Switch Valve; Electric	56032
1 (E87) 120 d		2003-11
N47 D20 A/M47 D20 (204D4)/N47 D20 C	120	163
EUV-AGR	Switch Valve; Electric	56032
1 (E87) 120 d		2006-11
N47 D20 A/N47 D20 C	130	177
EUV-AGR	Switch Valve; Electric	56032
1 (F20) 114 i		2011->
N13 B16 A	75	102
DW-TL	BMW N13 B16 A	56042
1 (F20) 116 i		2010->
N13 B16 A	100	136
DW-TL	BMW N13 B16 A	56042
1 (F20) 118 i		2010->
N13 B16 A	125	170
DW-TL	BMW N13 B16 A	56042
1 (F20) 118 i		2015->
N13 B16 A	100	136
DW-TL	BMW N13 B16 A	56042
1 (F21) 114 i		2011->
N13 B16 A	75	102
DW-TL	BMW N13 B16 A	56042
1 (F21) 116 i		2011->
N13 B16 A	100	136
DW-TL	BMW N13 B16 A	56042
1 (F21) 118 i		2015->
N13 B16 A	100	136
DW-TL	BMW N13 B16 A	56042
1 (F21) 118 i		2012->
N13 B16 A	125	170
DW-TL	BMW N13 B16 A	56042
1 Coupe (E82) 120 d		2007-13
N47 D20 A/N47 D20 C	130	177
EUV-AGR	Switch Valve; Electric	56032
3 (E30) 324 d		1985-91
M21 D24 (246DA)	63	86
Solenoid		73012
3 (E30) 324 td		1987-91
M21 D24 (246TB)	85	115
Solenoid		73012
3 (E36) 318 tds		1995-98
M41 D17 (174T1)	66	90
Solenoid		73012
3 (E36) 325 td		1991-98
M51 D25 (256T1)	85	115
Solenoid		73012
3 (E36) 325 tds		1993-98
M51 D25 (256T1)	105	143
Solenoid		73012
3 (E46) 318 d		2001-03
M47 D20 (204D1)	85	116
EUV-AGR	Switch Valve; Electric	56032
3 (E46) 318 d		2003-05
M47 D20 (204D4)	85	116
EUV-AGR	Switch Valve; Electric	56032



BMW Cont.		
3 (E46) 320 d	2001-05	
M47 D20 (204D4)	110	150
EUV-AGR Switch Valve; Electric	56032	
3 (E46) 320 d	1998-01	
M47 D20 (204D1)	100	136
EUV-AGR Switch Valve; Electric	56032	
3 (E46) 330 d	1999-05	
M57 D30 (306D1)	135	184
EUV-AGR Switch Valve; Electric	56032	
3 (E46) 330 d	2003-05	
M57 D30 (306D2)	150	204
EUV-AGR Switch Valve; Electric	56032	
3 (E46) 330 xd	2002-04	
M57 D30 (306D2)	150	204
EUV-AGR Switch Valve; Electric	56032	
3 (E90) 318 d	2005-07	
M47 D20 (204D4)	90	122
EUV-AGR Switch Valve; Electric	56032	
3 (E90) 318 d	2009-11	
N47 D20 A/N47 D20 C	105	143
EUV-AGR Switch Valve; Electric	56032	
3 (E90) 320 d	2004-11	
M47 D20 (204D4)/N47 D20 C	120	163
EUV-AGR Switch Valve; Electric	56032	
3 (E90) 320 d	2005-11	
M47 D20 (204D4)	110	150
EUV-AGR Switch Valve; Electric	56032	
3 (E90) 320 d	2007-11	
N47 D20 A/N47 D20 C	130	177
EUV-AGR Switch Valve; Electric	56032	
3 (E90) 330 d	2004-08	
M57 D30 (306D3)	170	231
EUV-ML	56032	
3 (E90) 330 d	2008-11	
N57 D30 A	180	245
EUV-ML	56032	
3 (E90) 330 xd	2005-11	
M57 D30 (306D3)	170	231
EUV-ML	56032	
3 (F30, F35, F80) 316 i	2012-16	
N13 B16 A	100	136
DW-TL BMW N13 B16 A	56042	
3 (F30, F35, F80) 320 i	2012-16	
N13 B16 A	125	170
DW-TL N13 B16 A	56042	
3 Cabriolet (E46) 320 Cd	2005-07	
M47 D20 (204D4)	110	150
EUV-AGR Switch Valve; Electric	56032	
3 Compact (E36) 318 tds	1995-00	
M41 D17 (174T1)	66	90
Solenoid	73012	
3 Compact (E46) 318 td	2003-05	
M47 D20 (204D4)	85	115
EUV-AGR Switch Valve; Electric	56032	
3 Coupe (E46) 320 Cd	2003-06	
M47 D20 (204D4)	110	150
EUV-AGR Switch Valve; Electric	56032	
3 Coupe (E46) 330 Cd	2003-06	
M57 D30 (306D2)	150	204
EUV-AGR Switch Valve; Electric	56032	
3 Coupe (E92) 320 d	2006-10	
N47 D20 A/N47 D20 C	130	177
EUV-ML	56032	
3 Coupe (E92) 320 xd	2008-10	
N47 D20 A	130	177
EUV-ML	56032	
3 Touring (E30) 324 td	1988-93	
M21 D24 (246TB)	85	115
Solenoid	73012	
3 Touring (E36) 318 tds	1995-99	
M41 D17 (174T1)	66	90
Solenoid	73012	
3 Touring (E36) 325 tds	1995-99	
M51 D25 (256T1)	105	143
Solenoid	73012	
3 Touring (E46) 318 d	2002-03	
M47 D20 (204D1)	85	115
EUV-AGR Switch Valve; Electric	56032	

BMW Cont.		
3 Touring (E46) 318 d	2003-05	
M47 D20 (204D4)	85	116
EUV-AGR Switch Valve; Electric	56032	
3 Touring (E46) 320 d	2000-01	
M47 D20 (204D1)	100	136
EUV-AGR Switch Valve; Electric	56032	
3 Touring (E46) 320 d	2001-05	
M47 D20 (204D4)	110	150
EUV-AGR Switch Valve; Electric	56032	
3 Touring (E46) 330 d	1999-05	
M57 D30 (306D1)	135	184
EUV-AGR Switch Valve; Electric	56032	
3 Touring (E46) 330 d	2003-05	
M57 D30 (306D2)	150	204
EUV-AGR Switch Valve; Electric	56032	
3 Touring (E46) 330 xd	2000-03	
M57 D30 (306D1)	135	184
EUV-AGR Switch Valve; Electric	56032	
3 Touring (E46) 330 xd	2002-05	
M57 D30 (306D2)	150	204
EUV-AGR Switch Valve; Electric	56032	
3 Touring (E91) 318 d	2005-12	
M47 D20 (204D4)	90	122
EUV-AGR Switch Valve; Electric	56032	
3 Touring (E91) 318 d	2007-12	
N47 D20 A/N47 D20 C	105	143
EUV-AGR Switch Valve; Electric	56032	
3 Touring (E91) 318 d	2007-12	
N47 D20 C	100	136
EUV-AGR Switch Valve; Electric	56032	
3 Touring (E91) 320 d	2004-07	
M47 D20 (204D4)	120	163
EUV-AGR Switch Valve; Electric	56032	
3 Touring (E91) 320 d	2004-07	
M47 D20 (204D4)	110	150
EUV-AGR Switch Valve; Electric	56032	
3 Touring (E91) 320 d	2007-10	
N47 D20 A/N47 D20 C	130	177
EUV-AGR Switch Valve; Electric	56032	
3 Touring (E91) 320 d	2010-12	
N47 D20 C	135	184
EUV-AGR Switch Valve; Electric	56032	
3 Touring (E91) 320 xd	2008-10	
N47 D20 A	130	177
EUV-AGR Switch Valve; Electric	56032	
3 Touring (E91) 330 d	2004-08	
M57 D30 (306D3)	170	231
EUV-ML	56032	
3 Touring (E91) 330 d	2008-12	
N57 D30 A	180	245
EUV-ML	56032	
3 Touring (E91) 330 xd	2005-12	
M57 D30 (306D3)	170	231
EUV-ML	56032	
3 Touring (F31) 316 i	2012-16	
N13 B16 A	100	136
DW-TL BMW N13 B16 A	56042	
5 (E28) 524 td	1983-87	
M21 D24 (246TA)	85	115
Solenoid	73012	
5 (E34) 524 td	1988-95	
M21 D24 (246TB)	85	115
Solenoid	73012	
5 (E34) 525 td	1993-95	
M51 D25 (256T1)	85	115
Solenoid	73012	
5 (E34) 525 tds	1991-95	
M51 D25 (256T1)	105	143
Solenoid	73012	
5 (E39) 520 d	2000-03	
M47 D20 (204D1)	100	136
EUV-ML	56032	
5 (E39) 525 d	2000-03	
M57 D25 (256D1)	120	163
EUV-AGR Switch Valve; Electric	56032	
5 (E39) 525 td	1997-03	
M51 D25 (256T1)	85	116
EUV-AGR Switch Valve; Electric	56032	
Solenoid	73012	



BMW Cont.		
5 (E39) 525 tds	1996-03	
M51 D25 (256T1)	105	143
EUV-ML	56032	
Solenoid	73012	
5 (E39) 530 d	1998-00	
M57 D30 (306D1)	135	184
EUV-AGR Switch Valve; Electric	56032	
5 (E39) 530 d	2000-03	
M57 D30 (306D1)	142	193
EUV-AGR Switch Valve; Electric	56032	
5 (E60) 520 d	2005-08	
M47 D20 (204D4)	120	163
EUV-AGR Switch Valve; Electric	56032	
5 (E60) 520 d	2005-08	
M47 D20 (204D4)	110	150
EUV-AGR Switch Valve; Electric	56032	
5 (E60) 520 d	2006-09	
N47 D20 A/N47 D20 C	130	177
EUV-AGR Switch Valve; Electric	56032	
5 (E60) 525 d	2004-10	
M57 D25 (256D2)	130	177
EUV-AGR Switch Valve; Electric	56032	
5 (E60) 525 d	2004-10	
M57 D25 (256D1)	120	163
EUV-AGR Switch Valve; Electric	56032	
5 (E60) 525 d	2007-10	
M57 D30 (306D3)	145	197
EUV-AGR Switch Valve; Electric	56032	
5 (E60) 525 xd	2006-07	
M57 D30 (306D3)	145	197
EUV-AGR Switch Valve; Electric	56032	
5 (E60) 530 d	2002-05	
M57 D30 (306D2)	160	218
EUV-AGR Switch Valve; Electric	56032	
5 (E60) 530 d	2005-07	
M57 D30 (306D3)	170	231
EUV-AGR Switch Valve; Electric	56032	
5 (E60) 530 d	2006-09	
M57 D30 (306D3)	173	235
EUV-AGR Switch Valve; Electric	56032	
5 (E60) 530 xd	2005-07	
M57 D30 (306D3)	170	231
EUV-AGR Switch Valve; Electric	56032	
5 (E60) 530 xd	2006-07	
M57 D30 (306D3)	173	235
EUV-AGR Switch Valve; Electric	56032	
5 (E60) 535 d	2004-10	
M57 D30 (306D4)	200	272
EUV-VB	56032	
5 (E60) 535 d	2007-10	
M57 D30 (306D5)	210	286
EUV-VB	56032	
5 Touring (E34) 525 td	1993-97	
M51 D25 (256T1)	85	115
Solenoid	73012	
5 Touring (E34) 525 tds	1991-97	
M51 D25 (256T1)	105	143
Solenoid	73012	
5 Touring (E39) 520 d	2000-03	
M47 D20 (204D1)	100	136
EUV-AGR Switch Valve; Electric	56032	
5 Touring (E39) 525 d	2000-04	
M57 D25 (256D1)	120	163
EUV-AGR Switch Valve; Electric	56032	
5 Touring (E39) 525 tds	1997-04	
M51 D25 (256T1)	105	143
EUV-ML	56032	
Solenoid	73012	
5 Touring (E39) 530 d	1998-00	
M57 D30 (306D1)	135	184
EUV-AGR Switch Valve; Electric	56032	
5 Touring (E39) 530 d	2000-04	
M57 D30 (306D1)	142	193
EUV-AGR Switch Valve; Electric	56032	
5 Touring (E61) 520 d	2005-08	
M47 D20 (204D4)	120	163
EUV-AGR Switch Valve; Electric	56032	

BMW Cont.		
5 Touring (E61) 520 d	2005-08	
M47 D20 (204D4)	110	150
EUV-AGR Switch Valve; Electric	56032	
5 Touring (E61) 520 d	2007-10	
N47 D20 A/N47 D20 C	130	177
EUV-AGR Switch Valve; Electric	56032	
5 Touring (E61) 525 d	2004-10	
M57 D25 (256D2)	130	177
EUV-AGR Switch Valve; Electric	56032	
5 Touring (E61) 525 d	2004-10	
M57N 256 D4	120	163
EUV-AGR Switch Valve; Electric	56032	
5 Touring (E61) 530 d	2004-10	
M57 D30 (306D2)	160	218
EUV-AGR Switch Valve; Electric	56032	
5 Touring (E61) 530 d	2005-10	
M57 D30 (306D3)	170	231
EUV-AGR Switch Valve; Electric	56032	
5 Touring (E61) 530 d	2007-10	
M57 D30 (306D3)	173	235
EUV-AGR Switch Valve; Electric	56032	
5 Touring (E61) 530 d xDrive	2008-10	
M57 D30 (306D3)	173	235
EUV-AGR Switch Valve; Electric	56032	
5 Touring (E61) 530 xd	2005-10	
M57 D30 (306D3)	170	231
EUV-AGR Switch Valve; Electric	56032	
5 Touring (E61) 530 xd	2007-10	
M57 D30 (306D3)	173	235
EUV-AGR Switch Valve; Electric	56032	
5 Touring (E61) 535 d	2004-10	
M57 D30 (306D4)	200	272
EUV-SR	56032	
5 Touring (E61) 535 d	2007-10	
M57 D30 (306D5)	210	286
EUV-SR	56032	
7 (E38) 725 tds	1996-01	
M51 D25 (256T1)	105	143
Solenoid	73012	
7 (E38) 730 d	1998-00	
M57 D30 (306D1)	135	184
EUV-AGR Switch Valve; Electric	56032	
7 (E38) 730 d	2000-01	
M57 D30 (306D1)	142	193
EUV-AGR Switch Valve; Electric	56032	
7 (E38) 740 d	1999-01	
M67 D39 (398D1)	180	245
EUV-ML	56032	
7 (E65, E66, E67) 730 d	2002-08	
M57 D30 (306D3)	155	211
EUV-AGR Switch Valve; Electric	56032	
7 (E65, E66, E67) 730 d	2002-08	
M57 D30 (306D2)	160	218
EUV-AGR Switch Valve; Electric	56032	
7 (E65, E66, E67) 730 Ld	2005-09	
M57 D30 (306D3)	170	231
EUV-AGR Switch Valve; Electric	56032	
7 (E65, E66, E67) 740 d	2002-05	
M67 D39 (398D1)	190	258
EUV-ML	56032	
7 (E65, E66, E67) 745 d	2005-08	
M67 D44 (448D1)	242	329
EUV-ML	56032	
7 (E65, E66, E67) 745 d	2005-05	
M67 D44 (448D1)	220	300
EUV-ML	56032	
X3 (E83) 2.0 d	2003-07	
M47 D20 (204D4)	110	150
EUV-AGR Switch Valve; Electric	56032	
X3 (E83) 2.0 d	2007-07	
N47 D20 A/N47 D20 C	130	177
EUV-AGR Switch Valve; Electric	56032	
X3 (E83) 3.0 d	2003-05	
M57 D30 (306D2)	150	204
EUV-AGR Switch Valve; Electric	56032	
X3 (E83) 3.0 d	2004-06	
M57 D30 (306D3)	160	218
EUV-AGR Switch Valve; Electric	56032	



BMW Cont.		
X5 (E53) 3.0 d	2001-03	
M57 D30 (306D1)	135	184
EUV-SR		56032
X5 (E53) 3.0 d	2003-06	
M57 D30 (306D2)	160	218
EUV-SR		56032
X5 (E70) 3.0 d	2007-08	
M57 D30 (306D3)	173	235
EUV-SR		56032
CHEVROLET		
Captiva (C100, C140) 2.2 D 4WD	2011->	
Z 22 D1/A 22 DMH	135	184
EUV-AGR A22DMH; Switch Valve; Electric		56029
Malibu (V300) 2.0 D	2012->	
LBS	118	160
DW-TL		56013
CHRYSLER		
Voyager II (ES) 2.5 TD	1992-95	
M00/09B	87	118
Solenoid		73012
Voyager III (GS) 2.5 TD	1995-01	
425 CLIRS/X/ENC	85	116
Solenoid		73012
CITROËN		
AX (ZA-) 14 D	1988-92	
K9A (TUD3)	38	52
Solenoid		73010
Solenoid		73012
AX (ZA-) 14 D	1991-97	
K9Y (TUD3Y)	37	50
Solenoid		73010
Solenoid		73012
AX (ZA-) 15 D	1994-97	
VJY (TUD5)	40	54
Solenoid		73010
Solenoid With cable		73015
AX (ZA-) 15 D	1994-97	
VJZ (TUD5)/VJY (TUD5)	43	58
Solenoid		73010
Solenoid With cable		73015
Berlingo (B9) 1.6 HDi 75	2008->	
9HT (DV6BTD4)	55	75
DW-TL		56038
Berlingo (B9) 1.6 HDi 90	2008->	
9HX (DV6ATED4)	66	90
DW-TL		56038
Berlingo (MF) 1.6 HDi 75	2005-11	
9HW (DV6BTD4)/DV6B	55	75
DW-TL		56038
Berlingo (MF) 1.6 HDi 90	2005-08	
9HX (DV6ATED4)	66	90
DW-TL		56038
Berlingo (MF) 1.8 D	1998-02	
A9A (XUD7)	43	58
Solenoid		73010
Solenoid With cable		73015
Berlingo (MF) 1.9 D	1998-05	
WJY (DW8B)/WJZ (DW8)	51	70
Solenoid		73010
Berlingo (MF) 1.9 D	1996-03	
D9B (XUD9A/L)/DJY (XUD9A)	50	68
Solenoid		73010
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015
Berlingo (MF) 1.9 D 4WD	1998-05	
WJY (DW8B)/WJZ (DW8)	51	69
Solenoid		73010
Berlingo Chassis (B9) 1.6 HDi 90	2008->	
9HX (DV6ATED4)	66	90
DW-TL		56038
Berlingo Van (B9) 1.6 HDi 110	2008->	
9HZ (DV6ATED4)	80	109
DW-TL		56038

CITROËN Cont.		
Berlingo Van (B9) 1.6 HDi 90	2008->	
9HX / 9HX / 9HS	66	90
DW-TL		56038
Berlingo Van (M) 1.6 HDi 75	2005-11	
9HW (DV6BTD4)/DV6B	55	75
DW-TL		56038
Berlingo Van (M) 1.6 HDi 90	2005-11	
9HX (DV6ATED4)	66	90
DW-TL		56038
Berlingo Van (M) 1.8 D	1996-02	
A9A (XUD7)	43	59
Solenoid		73010
Solenoid With cable		73015
Berlingo Van (M) 1.9 D	1996-03	
DJY (XUD9A)	51	70
Solenoid		73010
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015
Berlingo Van (M) 1.9 D 70	1999-11	
WJY (DW8B)/WJZ (DW8)	51	69
Solenoid		73010
Berlingo Van (M) 1.9 D 70 4WD	1998-06	
WJY (DW8B)/WJZ (DW8)	51	69
Solenoid		73010
BX (XB-) 1.8 D	1985-93	
161 (XUD7)	44	60
Solenoid		73010
Solenoid		73012
BX (XB-) 19 D	1983-93	
DJZ (XUD9Y)/D9A (XUD9)/162 (XUD9)	47	64
Solenoid		73010
Solenoid		73012
BX (XB-) 19 D	1987-93	
D9B (XUD9A/U)	51	69
Solenoid		73010
Solenoid		73012
BX (XB-) TRD Turbo	1988-93	
AJZ (XUD7TE)/A8A (XUD7TE)	66	90
Solenoid		73010
BX Break (XB-) 18 D	1985-93	
161A (XUD7)	44	60
Solenoid		73010
Solenoid		73012
BX Break (XB-) 19 D	1983-94	
DJZ (XUD9Y)/D9A (XUD9)/162 (XUD9)	47	64
Solenoid		73010
Solenoid		73012
BX Break (XB-) 19 D	1987-94	
D9B (XUD9A/U)	51	69
Solenoid		73010
Solenoid		73012
BX Break (XB-) TRD Turbo	1988-94	
AJZ (XUD7TE)/A8A (XUD7TE)	66	90
Solenoid		73010
C15 (VD-) 1.8 D	1986-00	
161A (XUD7)	44	60
Solenoid		73010
Solenoid With cable		73015
C2 (JM) 1.4 HDi	2003->	
8HZ (DV4TD)/8HX (DV4TD)	50	68
DW-TL		56018
C2 (JM) 1.6 HDi	2005->	
9HZ (DV6TED4)	80	109
DW-TL		56038
C25 Bus (280, 290) 1.9 D	1987-94	
D9B (XUD9A/U)	51	69
Solenoid		73010
C25 Bus (280, 290) 2.5 D	1985-94	
CRD93L (U25-661)	54	73
Solenoid		73010
C25 Bus (280, 290) 2.5 D 4x4	1987-94	
CRD93L (U25-661)	54	73
Solenoid		73010
C3 I (FC) 1.4 16V HDi	2002->	
8HY (DV4TED4)	66	90
DW-TL		56018
C3 I (FC) 1.4 HDi	2003->	
8HZ (DV4TD)	52	70
DW-TL		56018



CITROËN Cont.		
C3 I (FC) 1.4 HDi		2002->
8HX (DV4TD)	50	68
DW-TL		56018
C3 I (FC) 1.6 16V HDi		2005->
9HZ (DV6TED4)	80	109
DW-TL		56038
C3 I (FC) 1.6 16V HDi		2005->
9HX (DV6ATED4)	66	90
DW-TL		56038
C3 II 1.4 HDi 70		2009->
8HR (DV4C)/8HZ (DV4TD)	50	68
DW-TL L4		56018
DW-TL Euro 5		56020
C3 Pluriel (HB) 1.4 HDi		2004->
8HX (DV4TD)	50	68
DW-TL		56018
C4 Coupe (LA) 2.0 HDi		2004-10
RHR (DW10BTED4)	100	136
DW-TL		56019
DW-TL RHR(DW10BTED4)		56039
C4 Coupe (LA) 2.0 HDi		2008-11
RHF (DW10BTED4)	103	140
DW-TL		56019
C4 I (LC) 2.0 HDi		2004-11
RHR (DW10BTED4)	100	136
DW-TL		56019
DW-TL RHR(DW10BTED)		56039
C4 I (LC) 2.0 HDi		2008-11
RHF (DW10BTED4)	103	140
DW-TL		56019
C4 Picasso I (UD) 1.6 HDi		2007-13
9HY (DV6TED4)/9HZ (DV6TED4)	80	109
DW-TL		56038
C4 Picasso I (UD) 2.0 HDi 138		2006-13
RHR (DW10BTED4)/RHJ (DW10BTED4)	100	136
DW-TL RHR(DW10BTED)		56039
C5 II (RC) 1.6 HDi		2004->
9HY (DV6TED4)/9HZ (DV6TED4)	80	109
DW-TL 9HY(DV6TED4)		56038
C5 II (RC) 2.0 HDi		2004->
RHR (DW10BTED4)	100	136
DW-TL		56019
DW-TL		56038
C5 II (RC) 2.2 HDi		2006->
4HT (DW12BTED4)	125	170
DW-TL 4HT(DW12BTED4)		56039
C5 II Break (RE) 1.6 HDi		2004->
9HY (DV6TED4)/9HZ (DV6TED4)	80	109
DW-TL 9HY(DV6TED4)		56038
C5 II Break (RE) 2.0 HDi		2004->
RHR (DW10BTED4)	100	136
DW-TL		56019
DW-TL		56038
DW-TL RHR(DW10BTED4)		56039
C5 II Break (RE) 2.2 HDi		2006->
4HT (DW12BTED4)	125	170
DW-TL 4HT(DW12BTED4)		56039
C5 III Break (TD) 2.0 HDi		2008->
RHR (DW10BTED4)	100	136
DW-TL		56019
DW-TL		56038
DW-TL		56039
C5 III Break (TD) 2.2 HDi		2008->
4HT (DW12BTED4)	125	170
DW-TL 4HT(DW12BTED4)		56039
C6 (TD) 2.2 HDi		2006->
4HT (DW12BTED4)	125	170
DW-TL 4HT(DW12BTED4)		56039
C8 (EA, EB) 2.0 HDi		2006->
RHK (DW10UTED4)	88	120
DW-TL		56039
C8 (EA, EB) 2.0 HDi 135		2006->
RHD / RHD / RHR	100	136
DW-TL		56039
C8 (EA, EB) 2.2 HDi		2006->
4HT (DW12BTED4)	125	170
DW-TL 4HT(DW12BTED4)		56039

CITROËN Cont.		
CX I (MA) 2200 D		1975-79
M22-621	49	67
Solenoid		73010
CX I (MA) 2500 D		1978-82
M25-629	55	75
Solenoid		73010
CX I Break (MA) 2200 D		1976-79
M22-621	49	67
Solenoid		73010
CX I Break (MA) 2500 D		1978-85
M25-629	55	75
Solenoid		73010
CX I Break (MA) 2500 D Turbo		1983-85
M25-648	70	95
Solenoid		73010
CX II 25 D		1985-92
M25-660	54	73
Solenoid		73010
CX II 25 D Turbo		1985-86
M25-648	70	95
Solenoid		73010
CX II 25 D Turbo		1987-92
M25-669	88	120
Solenoid		73010
CX II Break 25 D		1986-92
M25-660	54	73
Solenoid		73010
CX II Break 25 D Turbo 2		1987-92
M25-669	88	120
Solenoid		73010
DS3 1.4 HDi 70		2010-15
8HR (DV4C)	50	68
DW-TL		56020
Evasion (22, U6) 1.9 TD		1994-02
DHX (XUD9TF/BTF/D8B (XUD9TF)	66	90
Solenoid		73012
Jumper Bus (230P) 2.5 TD		1994-02
T8A (DJ5T)	76	103
Solenoid		73010
Jumper Bus (230P) 2.5 TD 4x4		1996-02
T8A (DJ5T)	76	103
Solenoid		73010
Jumper Bus 2.2 HDi 120		2006->
4HU (P22DTE)	88	120
Control Valve Seat heating		55011
Jumper Chassis (230) 2.5 TD		1994-02
T8A (DJ5T)	76	103
Solenoid		73010
Jumper Van (230L) 2.5 TD		1994-02
T8A (DJ5T)	76	103
Solenoid		73010
Jumper Van 2.2 HDi 120		2006->
4HU (P22DTE)	88	120
Control Valve Seat heating		55011
Jumpy (U6U) 1.9 D		1995-98
D9B (XUD9A/U)	51	69
Solenoid		73010
Jumpy (U6U) 1.9 D 70		1998-03
WJY (DW8B)/WJZ (DW8)	51	69
Solenoid		73010
Jumpy Van (BS, BT, BY, BZ) 1.9 D 70		1998-06
WJY (DW8B)/WJZ (DW8)	51	69
Solenoid		73010
Saxo (S0, S1) 1.5 D		1996-03
VJY (TUD5)	40	54
Solenoid		73010
Solenoid With cable		73015
Saxo (S0, S1) 1.5 D		1996-01
VJZ (TUD5)	42	57
Solenoid		73010
Solenoid With cable		73015
Visa 17 D		1984-91
161A (XUD7)	44	60
Solenoid		73010
Xantia (X1) 1.9 D		1994-98
DJZ (XUD9Y)	50	68
Solenoid		73010
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015



CITROËN Cont.		
Xantia (X1) 1.9 D	1994-98	
D9B (XUD9A/L)	51	69
Solenoid	73010	
Solenoid Only for Bosch Equipment	73012	
Solenoid Only for Delphi Equipment; With cable	73015	
Xantia (X1) 1.9 SD	1996-98	
DHW (XUD9SD)	55	75
Solenoid	73010	
Solenoid With cable	73015	
Xantia (X1) 1.9 Turbo D	1994-98	
DHX (XUD9TF/BTF)/DHY (XUD9TE/Y)	66	90
Solenoid	73010	
Solenoid With cable	73015	
Xantia (X2) 1.9 SD	1998-03	
DHW (XUD9SD)	55	75
Solenoid	73010	
Solenoid With cable	73015	
Xantia (X2) 1.9 Turbo D	1998-03	
DHX (XUD9TF/BTF)/DHY (XUD9TE/Y)	66	90
Solenoid	73010	
Solenoid With cable	73015	
Xantia Break (X1) 1.9 SD	1997-98	
DHW (XUD9SD)	55	75
Solenoid	73010	
Solenoid With cable	73015	
Xantia Break (X1) 1.9 Turbo D	1995-98	
DHX / DHY / D8B	66	90
Solenoid	73010	
Solenoid With cable	73015	
Xantia Break (X2) 1.9 SD	1998-03	
DHW (XUD9SD)	55	75
Solenoid	73010	
Solenoid With cable	73015	
Xantia Break (X2) 1.9 Turbo D	1998-03	
DHX (XUD9TF/BTF)/D8B (XUD9TF)	66	90
Solenoid	73010	
Solenoid With cable	73015	
XM (Y3) 2.1 D 12V	1989-94	
P9A (XUD11A)	60	82
Solenoid	73010	
XM (Y3) 2.1 TD 12V	1989-94	
PJZ / P8A / PHZ	80	109
Solenoid	73010	
Solenoid	73012	
XM (Y4) 2.1 TD 12V	1994-00	
PJZ / P8A / P8C / PHZ	80	109
Solenoid	73010	
Solenoid	73012	
XM Break (Y3) 2.1 D 12V	1991-94	
P9A (XUD11A)	60	82
Solenoid	73010	
XM Break (Y3) 2.1 TD 12V	1991-94	
PJZ / P8A / P8C / PHZ	80	109
Solenoid	73010	
Solenoid	73012	
XM Break (Y4) 2.1 D12	1994-96	
P9A (XUD11A)	60	82
Solenoid	73010	
XM Break (Y4) 2.1 TD 12V	1994-00	
PJZ / P8A / PHZ	80	109
Solenoid	73010	
Solenoid	73012	
Xsara (N1) 1.4 HDi	2003-05	
8HX (DV4TD)	50	68
DW-TL	56018	
Xsara (N1) 1.8 D	1997-00	
A9A (XUD7)/161A (XUD7)	43	58
Solenoid	73010	
Solenoid With cable	73015	
Xsara (N1) 1.9 TD	1997-00	
DHY (XUD9TE/Y)	66	90
Solenoid	73010	
Solenoid With cable	73015	
Xsara Break (N2) 1.4 HDi	2003-05	
8HX (DV4TD)	50	68
DW-TL	56018	

CITROËN Cont.		
Xsara Break (N2) 1.8 D	1997-00	
A9A (XUD7)	43	58
Solenoid	73010	
Solenoid With cable	73015	
Xsara Break (N2) 1.9 TD	1997-00	
DHY (XUD9TE/Y)	66	90
Solenoid	73010	
Solenoid With cable	73015	
Xsara Coupe (N0) 1.4 HDi	2003-05	
8HX (DV4TD)	50	68
DW-TL	56018	
Xsara Coupe (N0) 1.9 TD	1998-00	
DHY (XUD9TE/Y)	66	90
Solenoid	73010	
Solenoid With cable	73015	
Xsara Picasso (N68) 1.6 HDi	2005->	
9HX (DV6ATED4)	66	90
DW-TL	56038	
ZX (N2) 1.8 D	1993-97	
161A (XUD7)	44	60
Solenoid	73010	
Solenoid With cable	73015	
ZX (N2) 1.9 D	1991-97	
DJZ (XUD9Y)	47	64
Solenoid	73010	
Solenoid Only for Bosch Equipment	73012	
Solenoid Only for Delphi Equipment; With cable	73015	
ZX (N2) 1.9 D	1993-97	
D9B (XUD9A/U)/DJY (XUD9A)	50	68
Solenoid	73010	
Solenoid Only for Bosch Equipment	73012	
Solenoid Only for Delphi Equipment; With cable	73015	
ZX (N2) 1.9 TD	1992-97	
DHY (XUD9TE/Y)	66	90
Solenoid	73010	
Solenoid Only for Bosch Equipment	73012	
Solenoid Only for Delphi Equipment; With cable	73015	
ZX Break (N2) 1.8 D	1993-97	
161A (XUD7)	44	60
Solenoid	73010	
Solenoid With cable	73015	
ZX Break (N2) 1.9 D	1993-97	
DJZ (XUD9Y)	47	64
Solenoid	73010	
Solenoid Only for Bosch Equipment	73012	
Solenoid Only for Delphi Equipment; With cable	73015	
ZX Break (N2) 1.9 D	1994-97	
D9B (XUD9A/U)	50	68
Solenoid	73010	
Solenoid Only for Bosch Equipment	73012	
Solenoid Only for Delphi Equipment; With cable	73015	
ZX Break (N2) 1.9 TD	1993-97	
DHY (XUD9TE/Y)	66	90
Solenoid	73010	
Solenoid Only for Bosch Equipment	73012	
Solenoid Only for Delphi Equipment; With cable	73015	
DACIA		
Duster 1.5 dCi	2010->	
K9K 796/K9K 830	63	86
DW-TL K9K 796	56026	
Duster 1.5 dCi	2010->	
K9K 896	79	107
DW-TL	56012	
Duster 1.5 dCi	2010->	
K9K 884/K9K 892	66	90
DW-TL K9K 892	56012	
Duster 1.5 dCi 4x4	2010->	
K9K 896/K9K 898	79	107
DW-TL	56012	
Duster 1.5 dCi 4x4	2010->	
K9K 898	81	110
DW-TL	56012	
Logan (LS) 1.5 dCi	2007->	
K9K 796	63	86
DW-TL 09.2009->	56012	
DW-TL ->09.2009	56026	



DACIA Cont.		
Logan Express (FS) 1.5 dCi		2009->
K9K 796	63	86
DW-TL	09.2009->	56012
DW-TL	->09.2009	56026
Logan Mcv (KS) 1.5 dCi		2007->
K9K 796	63	86
DW-TL	09.2009->	56012
DW-TL	->09.2009	56026
Logan Pick-Up (US) 1.5 dCi		2008->
K9K 796	63	86
DW-TL	09.2009->	56012
DW-TL	->09.2009	56026
Sandero 1.5 dCi		2008->
K9K 796	63	86
DW-TL	10.2009->	56012
DW-TL	->09.2009	56026

FIAT		
127 1.3 Diesel		1981-86
127 A5.000	33	45
Solenoid		73010
131 2.5 D		1978-84
8144.61	53	72
Solenoid		73012
131 Familiare/Panorama 2.5 Super Diesel		1979-84
8144.61	53	72
Solenoid		73012
132 2.5 D		1978-82
8144.61	53	72
Solenoid		73012
242-Serie Van 2.2 D		1975-80
B22615	46	63
Solenoid		73010
242-Serie Van 2.5 D		1980-82
B 25.637	52	71
Solenoid		73010
Argenta (132A) 2500 Diesel		1981-85
8144.61	53	72
Solenoid		73012
Brava (182) 1.9 TD 100 S		1996-01
182 A7.000	74	100
DW-AGR	->12.1998	56036
Solenoid	With cable	73015
Brava (182) 1.9 TD 75 S		1996-01
182 A8.000	55	75
DW-AGR	->12.1998	56036
Solenoid	With cable	73015
Bravo I (182) 1.9 JTD		2000-01
182 B9.000	74	100
DW-AGR	->12.2000	56036
Bravo I (182) 1.9 JTD 105		1998-01
182 B4.000	77	105
DW-AGR	->12.2000	56036
Bravo I (182) 1.9 TD 100 S		1996-01
182 A7.000	74	100
DW-AGR	->12.2000	56036
Solenoid	With cable	73015
Bravo I (182) 1.9 TD 75 S		1996-01
182 A8.000	55	75
DW-AGR	->12.2000	56036
Solenoid	With cable	73015
Bravo II (198) 1.6 D Multijet		2007->
844 A3.000/198 A3.000	77	105
DW-TL	198 A3.000	56004
Bravo II (198) 1.6 D Multijet		2008->
198 A2.000	88	120
DW-TL		56004
Bravo II (198) 1.6 D Multijet		2008->
198 A6.000	66	90
DW-TL		56004
Bravo II (198) 1.9 D Multijet		2007->
937 A5.000	110	150
DW-TL		56004
Bravo II (198) 1.9 D Multijet		2007-08
192 B5.000	66	90
DW-TL		56004

FIAT Cont.		
Croma (194) 1.9 D Multijet		2005->
939 A8.000	100	136
DW-TL		56004
Croma (194) 1.9 D Multijet		2005->
939 A1.000	88	120
DW-TL		56004
Croma (194) 1.9 D Multijet		2005->
939 A2.000	110	150
DW-TL		56004
Croma (194) 1.9 D Multijet		2005->
939 A7.000	85	115
DW-TL		56004
Croma (194) 2.4 D Multijet		2005->
939 A3.000	147	200
DW-TL		56004
Doblo (119) 1.3 D Multijet		2005->
223 A9.000	62	84
DW-TL		56004
Doblo (119) 1.9 D Multijet		2005->
186 A9.000	88	120
DW-TL		56004
Doblo (119) 1.9 JTD		2001->
182 B9.000/223 B2.000	74	100
DW-TL	01.2005->	56004
Doblo (119) 1.9 JTD		2003->
223 B1.000/223 A7.000	77	105
DW-TL		56004
Doblo Cargo (223) 1.3 JTD 16V Multijet		2006->
223 A9.000	62	84
DW-TL		56004
Doblo Cargo (223) 1.9 JTD		2001->
182 B9.000	74	100
DW-TL	01.2005->	56004
Doblo Cargo (223) 1.9 JTD		2003->
223 B1.000/223 A7.000	77	105
DW-TL	01.2005->	56004
Doblo Cargo (223) 1.9 JTD Multijet		2006->
186 A9.000	88	120
DW-TL		56004
Ducato Bus (230) 2.8 JTD		2000-02
8140.43S	94	128
DW-AGR	->12.2001	56036
DW-TL		56004
Ducato Bus (230) 2.8 JTD 4x4		2000-02
8140.43S	94	128
DW-AGR	->12.2001	56036
DW-TL		56004
Ducato Bus (230) 2.8 TDI		1997-02
8140.43	90	122
DW-AGR		56036
Ducato Bus (230) 2.8 TDI 4x4		1999-02
8140.43	90	122
DW-AGR		56036
Ducato Bus (244, Z) 2.3 JTD		2002->
F1AE0481C	81	110
DW-AGR		56036
Ducato Bus (244, Z) 2.8 JTD		2002->
8140.43S	94	128
DW-AGR		56036
DW-TL	12.2006->	56004
Ducato Bus (244, Z) 2.8 JTD 4x4		2002->
8140.43S	94	128
DW-AGR		56036
DW-TL	->12.2006	56004
Ducato Bus (250) 120 Multijet 2,3 D		2006->
F1AE0481D	88	120
Control Valve	Seat heating	55011
Ducato Bus (250) 130 Multijet 2,3 D		2011->
F1AE0481N/F1AGL411D/F1AGL411M/F1AE3481D	96	131
DW-AGR	F1AE3481D	56028
Ducato Bus (250) 140 Natural Power		2009->
F1CFA401A/F1CE0441A	100	136
DW-AGR		56028
Ducato Bus (250) 160 Multijet 3,0 D		2006->
F1CE3481M/F1CE0481D	116	158
DW-AGR		56028
Ducato Bus (250, 290) 160 Multijet 3.0 D		2006->
F1CE0481D	115	156
DW-AGR		56028



FIAT Cont.		
Ducato Chassis (230) 2.8 iDTD 4x4	1998-01	
8140.43	90	122
DW-AGR		56036
Ducato Chassis (230) 2.8 JTD	2000-02	
8140.43S	94	128
DW-AGR ->12.2001		56036
DW-TL		56004
Ducato Chassis (230) 2.8 JTD	2001-02	
8140.43S	94	128
DW-AGR ->12.2001		56036
DW-TL		56004
Ducato Chassis (230) 2.8 JTD 4x4	2001-02	
8140.43S	94	128
DW-AGR ->12.2001		56036
DW-TL		56004
Ducato Chassis (230) 2.8 TDI	1998-02	
8140.43	90	122
DW-AGR		56036
Ducato Chassis (244) 2.3 JTD	2002-06	
F1AE0481C	81	110
DW-AGR		56036
Ducato Chassis (244) 2.8 JTD	2002-06	
8140.43S	94	128
DW-AGR		56036
DW-TL		56004
Ducato Chassis (244) 2.8 JTD 4x4	2002-06	
8140.43S	94	128
DW-AGR		56036
DW-TL		56004
Ducato Chassis (250) 120 Multijet 2.3 D	2006->	
F1AE0481D	88	120
Control Valve Seat heating		55011
Ducato Chassis (250) 130 Multijet 2.3 D	2011->	
F1AE0481N/F1AGL411D/F1AE3481D	96	131
DW-AGR		56028
Ducato Chassis (250) 160 Multijet 3.0 D	2006->	
F1CE0481D	116	158
DW-AGR		56028
Ducato Van (230L) 2.8 JTD	2000-02	
8140.43S	94	128
DW-AGR ->12.2001		56036
DW-TL		56004
Ducato Van (230L) 2.8 JTD 4x4	2000-02	
8140.43S	94	128
DW-AGR ->12.2001		56036
DW-TL		56004
Ducato Van (230L) 2.8 TDI	1997-02	
8140.43	90	122
DW-AGR		56036
Ducato Van (230L) 2.8 TDI 4x4	1999-02	
8140.43	90	122
DW-AGR		56036
Ducato Van (244) 2.3 JTD	2002->	
F1AE0481C	81	110
DW-AGR		56036
Ducato Van (244) 2.8 JTD	2002->	
8140.43S	94	128
DW-AGR		56036
DW-TL ->12.2006		56004
Ducato Van (244) 2.8 JTD 4x4	2002->	
8140.43S	94	128
DW-AGR		56036
DW-TL ->12.2006		56004
Ducato Van (250) 120 Multijet 2.3 D	2006->	
F1AE0481D/FPT	88	120
Control Valve Seat heating		55011
Ducato Van (250) 130 Multijet 2.3 D	2011->	
F1AE0481N/F1AGL411D/F1AE3481D	96	131
DW-AGR		56028
Ducato Van (250) 160 Multijet 3.0 D	2006->	
F1CE0481D	116	158
DW-AGR		56028
Fiorino (147) 1.3 D	1982-88	
127 A5.000	33	45
Solenoid		73010
Fiorino Pick Up (146) 1.7 D	1988-99	
149 B3.000	44	60
Solenoid		73012

FIAT Cont.		
Fiorino Pick Up (146) 1.7 D	1993-99	
146 B2.000	42	57
Solenoid		73010
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015
Fiorino Pick Up (146) 1.7 TD	1997-01	
146 D7.000	46	63
DW-AGR		56036
Solenoid With cable		73015
Fiorino Pick Up (147) 1.3 D	1984-88	
127 A5.000	33	45
Solenoid Only for Delphi Equipment		73010
Solenoid Only for Bosch Equipment		73012
Fiorino Van (146) 60 1.7 D	1988-00	
149 B3.000	44	60
Solenoid		73010
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015
Fiorino Van (146) 60 1.7 D	1988-96	
146 B2.000	42	57
Solenoid		73010
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015
Fiorino Van (146) 60 1.7 D	1988-96	
146 B2.000	42	57
Solenoid		73010
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015
Fiorino Van (146) 65 1.7 TD	1997-01	
146 D7.000	46	63
DW-AGR		56036
Solenoid With cable		73015
Idea 1.3 D Multijet	2005->	
199 A3.000	66	90
DW-TL		56004
Idea 1.3 JTD	2004->	
188 A9.000	51	70
DW-TL		56004
Idea 1.9 JTD	2004->	
188 B2.000	74	101
DW-TL		56004
Linea (323) 1.3 D Multijet	2007->	
199 A3.000	66	90
DW-TL		56004
Linea (323) 1.6 D Multijet	2009->	
198 A3.000	77	105
DW-TL		56004
Marea (185) 1.9 JTD 105	1999-01	
182 B4.000	77	105
DW-AGR 182 B4.000		56036
DW-TL		56004
Marea (185) 1.9 JTD 110	2001-02	
186 A6.000	81	110
DW-TL		56004
Marea (185) 1.9 TD 100	1996-02	
182 A7.000	74	100
DW-AGR 182 A7.000		56036
Solenoid With cable		73015
Marea (185) 1.9 TD 75	1996-02	
182 A8.000	55	75
DW-AGR 182 A8.000		56036
Solenoid With cable		73015
Marea (185) 2.4 JTD 130	1999-02	
839 A5.000/185 A6.000	96	130
DW-AGR 185 A6.000		56036
Marea (185) 2.4 TD 125	1996-99	
185 A2.000	91	125
DW-AGR		56036
Marea Weekend (185) 1.9 JTD 105	1999-02	
182 B4.000	77	105
DW-AGR 182 B4.000		56036
DW-TL		56004
Marea Weekend (185) 1.9 JTD 110	2001-02	
186 A6.000	81	110
DW-TL		56004
Marea Weekend (185) 1.9 TD 100	1996-02	
182 A7.000/182 B9.000	74	100
DW-AGR 182 A7.000		56036
Solenoid With cable		73015
Marea Weekend (185) 1.9 TD 75	1996-02	
182 A8.000	55	75
DW-AGR 182 A8.000		56036
Solenoid With cable		73015



FIAT Cont.		
Marea Weekend (185) 2.4 JTD 130	1999-02	
839 A5.000/185 A6.000	96	130
DW-AGR 185 A6.000		56036
Marea Weekend (185) 2.4 TD 125	1996-99	
185 A2.000	91	125
DW-AGR		56036
Multipla (186) 1.9 JTD	2002-10	
186 A9.000	88	120
DW-AGR		56036
Multipla (186) 1.9 JTD 105	1999-10	
182 B4.000	77	105
DW-AGR		56036
Multipla (186) 1.9 JTD 110	2001-02	
186 A6.000	81	110
DW-AGR		56036
DW-TL		56004
Multipla (186) 1.9 JTD 115	2002-10	
186 A8.000	85	115
DW-AGR		56036
DW-TL		56004
Palio Weekend (178Dx) 1.7 TD	1996-01	
176 A3.000	51	70
DW-AGR 176 A3.000		56036
Panda (169) 1.3 D Multijet	2003->	
188 A9.000/188 A8.000	51	70
DW-TL		56004
Panda (169) 1.3 D Multijet 4x4	2010->	
169 A5.000/169 A1.000	55	75
DW-TL		56004
Panda (169) 1.3 D Multijet 4x4	2004->	
188 A9.000/188 A8.000	51	70
DW-TL		56004
Panda Van (169) 1.3 D Multijet 4x4	2004-06	
188 A9.000/188 A8.000	51	70
DW-TL		56004
Punto (176) 1.7 D	1994-97	
176 B3.000	42	57
Solenoid		73010
Solenoid With cable		73015
Punto (176) 1.7 TD	1994-99	
176 A3.000	51	69
DW-AGR 01.1997->		56036
Punto (176) 1.7 TD	1996-99	
176 B7.000	46	63
DW-AGR ->12.1997		56036
Punto / Grande Punto (199) 1.3 D Multijet	2005->	
199 A2.000	55	75
DW-TL		56004
Punto / Grande Punto (199) 1.3 D Multijet	2005->	
199 A3.000	66	90
DW-TL		56004
Punto / Grande Punto (199) 1.3 D Multijet	2008->	
199 B2.000	51	69
DW-TL		56004
Punto / Grande Punto (199) 1.3 D Multijet	2010->	
223 A9.000/199 B4.000	62	84
DW-TL		56004
Punto / Grande Punto (199) 1.9 D Multijet	2005->	
939 A1.000	88	120
DW-TL		56004
Punto / Grande Punto (199) 1.9 D Multijet	2005->	
199 A5.000	96	130
DW-TL		56004
Punto Van (176L) 1.7 D	1996-00	
176 B3.000	42	57
Solenoid		73010
Solenoid With cable		73015
Regata (138) 60 Diesel 1.7	1985-89	
149 B3.000	44	60
Solenoid		73012
Regata (138) 60 Diesel 1.7	1983-86	
138 B6.000	43	58
Solenoid		73012
Regata (138) 65 Diesel 1.9	1984-89	
149 A1.000	48	65
Solenoid Only for Delphi Equipment		73010
Solenoid Only for Bosch Equipment		73012

FIAT Cont.		
Regata (138) 80 Turbo Diesel 1.9	1986-89	
831 D1.000	59	80
Solenoid		73012
Regata Weekend 60 Diesel 1.7	1984-89	
149 B3.000	44	60
Solenoid		73012
Regata Weekend 65 Diesel 1.9	1984-89	
149 A1.000	48	65
Solenoid Only for Delphi Equipment		73010
Solenoid Only for Bosch Equipment		73012
Regata Weekend 80 Turbo Diesel 1.9	1986-89	
831 D1.000	59	80
Solenoid		73012
Ritmo I (138A) 55 Diesel 1.7	1979-82	
138 A5.000	40	55
Solenoid		73012
Ritmo II (138A) 60 Diesel 1.7	1985-87	
149 B3.000/138 C.000	44	60
Solenoid		73012
Ritmo II (138A) 80 Turbo Diesel 1.9	1985-87	
831 D1.000	59	80
Solenoid		73012
Scudo (270) 1.6 D Multijet	2007->	
9HU	66	90
Control Valve Additional heating		55006
Scudo (270) 2.0 D Multijet	2007->	
RHK	88	120
Control Valve Additional heating		55006
Scudo (270) 2.0 D Multijet	2007->	
RHR	100	136
Control Valve Additional heating		55006
Scudo Chassis (270) 1.6 D Multijet	2007->	
9HU	66	90
Control Valve Additional heating		55006
Scudo Chassis (270) 2.0 D Multijet	2007->	
RHK	88	120
Control Valve Additional heating		55006
Scudo Chassis (270) 2.0 D Multijet	2007->	
DW10BTED4/RHR	100	136
Control Valve Additional heating		55006
Scudo Combinato (220P) 1.9 D	1998-06	
WJZ (DW8)	51	69
Solenoid		73010
Scudo Van (220L) 1.9 D	1998-06	
WJY (DW8B)/WJZ (DW8)	51	69
Solenoid		73010
Scudo Van (270) 1.6 D Multijet	2007->	
9HU	66	90
Control Valve Additional heating		55006
Scudo Van (270) 2.0 D Multijet	2007->	
RHK	88	120
Control Valve Additional heating		55006
Scudo Van (270) 2.0 D Multijet	2007->	
RHR	100	136
Control Valve Additional heating		55006
Stilo (192) 1.9 D Multijet	2005-06	
192 A8.000	88	120
DW-TL		56004
Stilo (192) 1.9 D Multijet	2005-06	
937 A5.000	110	150
DW-TL		56004
Stilo (192) 1.9 JTD	2002-06	
192 A3.000	59	80
DW-TL ->10.2003		56004
Stilo (192) 1.9 JTD	2001-06	
192 A1.000/937 A7.000	85	115
DW-TL ->12.2003		56004
Stilo (192) 1.9 JTD	2003-06	
937 A4.000	93	126
DW-TL ->10.2003		56004
Stilo Multi Wagon (192) 1.9 D Multijet	2005-08	
192 A8.000	88	120
DW-TL		56004
Stilo Multi Wagon (192) 1.9 D Multijet	2005-08	
937 A5.000	110	150
DW-TL		56004
Stilo Multi Wagon (192) 1.9 JTD	2003-08	
192 A3.000	59	80
DW-TL ->10.2003		56004



FIAT Cont.		
Stilo Multi Wagon (192) 1.9 JTD	2003-08	
192 A1.000/937 A7.000	85	115
DW-TL ->12.2003	56004	
Stilo Multi Wagon (192) 1.9 JTD	2003-08	
937 A4.000	93	126
DW-TL ->10.2003	56004	
Strada Pick-Up (178E) 1.3 D Multijet	2006->	
223 A9.000	62	85
DW-TL	56004	
Tempra (159) 1.9 D	1991-96	
160 A7.000/149 A1.000	48	65
Solenoid With cable	73015	
Tempra S.W. (159) 1.9 D	1991-96	
160 A7.000/149 A1.000	48	65
Solenoid With cable	73015	
Tipo (160) 1.7 D	1988-94	
149 B4.000	43	58
Solenoid	73010	
Uno (146A/E) 1.3 Super Diesel	1983-92	
146 B1.000/127 A5.000	33	45
Solenoid Only for Delphi Equipment	73010	
Solenoid Only for Bosch Equipment	73012	
Uno (146A/E) 1.9 D	1989-94	
149 B5.046	44	60
Solenoid	73012	
Uno (146A/E) 60 Diesel 1.7	1986-89	
149 B3.000	44	60
Solenoid	73012	
Uno (146A/E) 60 Diesel 1.7	1989-93	
146 B2.000	42	57
Solenoid	73010	
Solenoid	73012	
Uno (146A/E) 70 TD 1.4	1986-90	
146 B.000/146 B3.000	52	71
Solenoid	73012	

FORD		
C-Max (DM2) 2.0 TDCi	2007-10	
G6DD/G6DB/G6DG/G6DA	100	136
DW-TL G6DA; G6DB; G6DD	56019	
C-Max II 1.6 EcoBoost	2010->	
JQDA/JQDB	110	150
Control Valve Switch Valve	55004	
Control Valve Switch Valve	55008	
C-Max II 1.6 EcoBoost	2010->	
JTDB/JTDA	134	182
Control Valve Switch Valve	55004	
Control Valve Switch Valve	55008	
Escort '86 Express (AVF) 1.6 D	1986-90	
LTA	40	54
Solenoid	73010	
Escort '86 Express (AVF) 1.8 D	1988-90	
RTA/RTB	44	60
Solenoid	73010	
Escort '91 Express (AVL) 1.8 D	1990-94	
RTH	44	60
Solenoid	73010	
Escort '95 Express (AVL) 1.8 D	1995-00	
RTH/RTF	44	60
Solenoid	73010	
Solenoid With cable	73015	
Escort '95 Express (AVL) 1.8 Turbo D	1995-01	
RVA	51	70
Solenoid	73010	
Solenoid With cable	73015	
Escort Classic (AAL, ABL) 1.8 TD	1998-00	
RFD/RFK	66	90
Solenoid	73010	
Solenoid With cable	73015	
Escort Classic Turnier (ANL) 1.8 TD	1999-00	
RFD/RFK	66	90
Solenoid	73010	
Solenoid With cable	73015	
Escort III (GAA) 1.6 D	1984-85	
LTA	40	54
Solenoid	73010	

FORD Cont.		
Escort III Break (AWA) 1.6 D	1984-85	
LTA	40	54
Solenoid	73010	
Escort IV (GAF, AWF, ABFT) 1.6 D	1986-89	
LTC	40	54
Solenoid	73010	
Escort IV (GAF, AWF, ABFT) 1.8 D	1989-90	
RTA/RTB	44	60
Solenoid	73010	
Escort IV Break (AWF, AVF) 1.6 D	1986-89	
LTC	40	54
Solenoid	73010	
Escort IV Break (AWF, AVF) 1.8 D	1989-90	
RTA/RTB	44	60
Solenoid	73010	
Escort V (GAL) 1.8 D	1990-92	
RTH/RTF/RTE	44	60
Solenoid	73010	
Escort V Break (GAL, AVL) 1.8 D	1990-92	
RTH/RTF/RTE	44	60
Solenoid	73010	
Escort VI (GAL) 1.8 D	1992-95	
RTH/RTF/RTE	44	60
Solenoid	73010	
Escort VI (GAL) 1.8 TD	1993-95	
RFS/RFK	66	90
Solenoid	73010	
Escort VI (GAL) RS 2000	1992-95	
N7A	110	150
Solenoid	73010	
Escort VI Break (GAL) 1.8 D	1992-95	
RTH	44	60
Solenoid	73010	
Escort VI Break (GAL) 1.8 TD	1993-95	
RFD/RFK	66	90
Solenoid	73010	
Escort VI Sedan (GAL) 1.8 D	1993-95	
RTH/RTF/RTE	44	60
Solenoid	73010	
Escort VI Sedan (GAL) 1.8 TD	1993-95	
RFD/RFK	66	90
Solenoid	73010	
Escort VII (GAL, AAL, ABL) 1.8 D	1995-96	
RTH/RTF/RTE	44	60
Solenoid	73010	
Solenoid With cable	73015	
Escort VII (GAL, AAL, ABL) 1.8 TD	1995-98	
RFD/RFK	66	90
Solenoid	73010	
Solenoid With cable	73015	
Escort VII (GAL, AAL, ABL) 1.8 Turbo D	1995-98	
RVA	51	70
Solenoid	73010	
Solenoid With cable	73015	
Escort VII Cabriolet (ALL) 1.8 TD	1995-98	
RFD/RFK	66	90
Solenoid	73015	
Solenoid With cable	73015	
Escort VII Cabriolet (ALL) 1.8 Turbo D	1996-99	
RVA	51	70
Solenoid	73010	
Solenoid With cable	73015	
Escort VII Estate (GAL, ANL) 1.8 D	1995-99	
RTH/RTF/RTE	44	60
Solenoid	73010	
Solenoid With cable	73015	
Escort VII Estate (GAL, ANL) 1.8 TD	1995-99	
RFD/RFK	66	90
Solenoid	73010	
Solenoid With cable	73015	
Escort VII Estate (GAL, ANL) 1.8 Turbo D	1995-99	
RVA	51	70
Solenoid	73010	
Solenoid With cable	73015	
Escort VII Sedan (GAL, AFL) 1.8 D	1995-96	
RTH/RTF/RTE	44	60
Solenoid	73010	
Solenoid With cable	73015	



FORD Cont.		
Escort VII Sedan (GAL, AFL) 1.8 TD	1995-99	
RFD/RFK	66	90
Solenoid		73010
Solenoid With cable		73015
Escort VII Sedan (GAL, AFL) 1.8 Turbo D	1995-99	
RVA	51	70
Solenoid		73010
Solenoid With cable		73015
Fiesta II (FBD) 1.6 D	1984-89	
LTB	40	54
Solenoid		73010
Fiesta III (GFJ) 1.8 D	1989-95	
RTD/RTG/RTC	44	60
Solenoid		73010
Solenoid With cable		73015
Fiesta IV (JA, JB) 1.8 D	1995-00	
RTK/RTJ	44	60
Solenoid		73010
Solenoid With cable		73015
Fiesta Van (F3L, F5L) 1.8 D	1991-96	
RTD/RTG/RTC	44	60
Solenoid		73010
Solenoid With cable		73015
Fiesta Van (FVD) 1.8 D	1989-95	
RTD/RTG/RTC	43	60
Solenoid		73010
Solenoid With cable		73015
Fiesta Van (J5, J3) 1.8 D	1996-02	
RTK	44	60
Solenoid		73010
Solenoid With cable		73015
Fiesta Van (JV) D 1.8	1998-02	
RTK/RTJ	44	60
Solenoid		73010
Solenoid With cable		73015
Fiesta Van 1.6 TDCi	2010->	
TZJB/TZJA/T3JA	70	95
DW-TL		56038
Fiesta Van 1.6 TDCi	2009->	
HHJC/HHJD/HHJE	66	90
DW-TL		56038
Fiesta Vi 1.6 TDCi	2008->	
HHJC/HHJD/HHJE	66	90
DW-TL		56038
Fiesta Vi 1.6 TDCi	2008->	
UBJA/HHJF	55	75
DW-TL		56038
Fiesta Vi 1.6 TDCi	2010->	
TZJB/TZJA/T3JA	70	95
DW-TL		56038
Focus C-Max 1.6 TDCi	2003-07	
G8DA/G8DB	80	109
DW-TL		56038
Focus C-Max 2.0 TDCi	2003-07	
G6DD/G6DB/G6DG/G6DA	100	136
DW-TL G6DA; G6DB; G6DD		56019
Focus II (DA) 1.6 TDCi	2004-12	
G8DA/G8DB/G8DE/G8DD/G8DF	80	109
DW-TL F8DB; G8DA		56038
Focus II (DA) 2.0 TDCi	2004-12	
G6DD/G6DB/G6DA	100	136
DW-TL		56019
Focus II Cabriolet 2.0 TDCi	2006-11	
G6DD/G6DB/G6DA	100	136
DW-TL		56019
Focus II Sedan (DA) 1.6 TDCi	2005-12	
G8DA/G8DB/G8DE/G8DD/G8DF	80	109
DW-TL G8DA; G8DB		56038
Focus II Sedan (DA) 2.0 TDCi	2005-12	
G6DD/G6DB/G6DA	100	136
DW-TL		56019
Focus II Station Wagon (DA) 1.6 TDCi	2004-12	
G8DA/G8DB/G8DE/G8DD/G8DF	80	109
DW-TL G8DA; G8DB		56038
Focus II Station Wagon (DA) 2.0 TDCi	2004-12	
G6DD/G6DB/G6DA	100	136
DW-TL		56019

FORD Cont.		
Focus III 1.6 EcoBoost	2010->	
JQDA/YUDA/JQDB	110	150
Control Valve Switch Valve		55004
Control Valve Switch Valve		55008
Focus III 1.6 EcoBoost	2010->	
JTDB/JTDA	134	182
Control Valve Switch Valve		55004
Control Valve Switch Valve		55008
Focus III Sedan 1.6 EcoBoost	2010->	
JQDA/YUDA/JQDB	110	150
Control Valve Switch Valve		55004
Control Valve Switch Valve		55008
Focus III Sedan 1.6 EcoBoost	2010->	
JTDB/JTDA	134	182
Control Valve Switch Valve		55004
Control Valve Switch Valve		55008
Fusion (JU) 1.6 TDCi	2004-12	
HHJA/HHJB	66	90
DW-TL		56038
Galaxy (WA6) 1.6 EcoBoost	2010-15	
JTWA/JTWB	118	160
Control Valve Switch Valve		55004
Control Valve Switch Valve		55008
Galaxy (WA6) 2.0 TDCi	2006-15	
AZWA	96	130
DW-TL		56019
Galaxy (WA6) 2.0 TDCi	2006-15	
UFWA/QXWA/QXWC/QXWB	103	140
DW-TL QXWA; QXWB		56019
Galaxy (WGR) 1.9 TDI	1995-06	
ANU/AHU/1Z	66	90
DW-AGR AHU		56047
Galaxy (WGR) 1.9 TDI	1997-00	
AVG/AFN	81	110
DW-AGR AFN		56047
DW-TL		56005
Granada (GU) 2.1 D	1977-82	
WTA	46	63
Solenoid		73010
Granada (GU) 2.5 D	1982-85	
STP	51	69
Solenoid		73010
Granada Break (GNU) 2.5 D	1982-85	
STP	51	69
Solenoid		73010
Grand C-Max 1.6 EcoBoost	2010->	
JQDA/JQDB	110	150
Control Valve Switch Valve		55004
Control Valve Switch Valve		55008
Grand C-Max 1.6 EcoBoost	2010->	
JTDB/JTDA	134	182
Control Valve Switch Valve		55004
Control Valve Switch Valve		55008
Mondeo I (GBP) 1.8 TD	1993-96	
RFM/RFN	65	88
Solenoid		73010
Solenoid With cable		73015
Mondeo I (GBP) 1.8 TD	1995-96	
RFM/RFN	66	90
Solenoid		73010
Solenoid With cable		73015
Mondeo I Estate/Clipper (BNP) 1.8 TD	1993-96	
RFM/RFN	65	88
Solenoid		73010
Solenoid With cable		73015
Mondeo I Estate/Clipper (BNP) 1.8 TD	1995-96	
RFM/RFN	66	90
Solenoid		73010
Solenoid With cable		73015
Mondeo I Sedan (GBP) 1.8 TD	1993-96	
RFM/RFN	65	88
Solenoid		73010
Solenoid With cable		73015
Mondeo I Sedan (GBP) 1.8 TD	1995-96	
RFM/RFN	66	90
Solenoid		73010
Solenoid With cable		73015



FORD Cont.		
Mondeo II (BAP) 1.8 TD		1996-00
RFN	66	90
Solenoid		73010
Solenoid With cable		73015
Mondeo II Estate/Clipper (BNP) 1.8 TD		1996-00
RFN	66	90
Solenoid		73010
Solenoid With cable		73015
Mondeo II Sedan (BFP) 1.8 TD		1996-00
RFN	66	90
Solenoid		73010
Solenoid With cable		73015
Mondeo IV (BA7) 1.6 EcoBoost		2011-15
JTBA/JTBB	118	160
Control Valve Switch Valve		55004
Control Valve Switch Valve		55008
Mondeo IV Turnier (BA7) 1.6 EcoBoost		2011-15
JTBA/JTBB	118	160
Control Valve Switch Valve		55004
Control Valve Switch Valve		55008
Orion II (AFF) 1.6 D		1985-89
LTC	40	54
Solenoid		73010
Orion II (AFF) 1.8 D		1989-90
RTA/RTB	44	60
Solenoid		73010
Orion III (GAL) 1.8 D		1990-93
RTH/RTF/RTE	44	60
Solenoid		73010
Orion III (GAL) 1.8 TD		1992-93
RFD/RFK	66	90
Solenoid		73010
Scorpio I (GAE, GGE) 2.5 D		1985-92
STR	51	69
Solenoid		73010
Scorpio I (GAE, GGE) 2.5 TD		1993-94
SCB	85	115
Solenoid		73010
Scorpio I (GAE, GGE) 2.5 TD		1988-93
SFA/SFB	68	92
Solenoid		73010
Scorpio I Break (GGE) 2.5 TD		1991-93
SFA/SFB	68	92
Solenoid		73010
Scorpio I Sedan (GGE) 2.5 D		1989-94
STR	51	69
Solenoid		73010
Sierra (GBG, GB4) 1.8 TD		1988-93
RFA/RFB/RFL	55	75
Solenoid		73010
Sierra (GBG, GB4) 2.3 D		1987-89
YTR/YTT	49	67
Solenoid		73010
Sierra Break/Estate (BNC) 2.3 D		1982-86
YTT	49	67
Solenoid		73010
Sierra Estate (BNG) 1.8 TD		1988-93
RFA/RFB/RFL	55	75
Solenoid		73010
Sierra Hatchback (GBC) 2.3 D		1982-86
YTT	49	67
Solenoid		73010
Sierra Hatchback (GBC, GBG) 1.8 TD		1988-93
RFA/RFB/RFL	55	75
Solenoid		73010
Sierra Hatchback (GBC, GBG) 2.3 D		1987-89
YTR	49	67
Solenoid		73010
S-Max (WA6) 1.6 EcoBoost		2011-14
JTWA/JTWB	118	160
Control Valve Switch Valve		55004
Control Valve Switch Valve		55008
S-Max (WA6) 2.0 TDCi		2006-14
AZWA	96	130
DW-TL		56019
S-Max (WA6) 2.0 TDCi		2006-14
UFWA/QXWA/QXWC/QXWB	103	140
DW-TL QXWA; QXWB		56019

FORD Cont.		
Transit Box (T) 2.5 D		1988-91
4BA/4CA		52 71
Solenoid	Only for Delphi Equipment	73010
Solenoid	Only for Bosch Equipment	73012
Transit Box (T) 2.5 D		1986-91
4AB		50 68
Solenoid	Only for Delphi Equipment	73010
Solenoid	Only for Bosch Equipment	73012
Transit Box (V) 2.4 D		1977-86
4AA		46 63
Solenoid		73010
Transit Box (V) 2.5 D		1983-86
4AB		50 68
Solenoid	Only for Delphi Equipment	73010
Solenoid	Only for Bosch Equipment	73012
Transit Bus (E) 2.5 DI		1991-94
4FA /4BC/4CC		51 70
Solenoid	Only for Delphi Equipment	73010
Solenoid	Only for Bosch Equipment	73012
Transit Bus (E) 2.5 DI		1991-94
4DA		59 80
Solenoid	Only for Delphi Equipment	73010
Solenoid	Only for Bosch Equipment	73012
Transit Bus (E) 2.5 DI		1994-00
4HC /4HB		56 76
Solenoid	Only for Delphi Equipment	73010
Solenoid	Only for Bosch Equipment	73012
Transit Bus (E) 2.5 DI		1994-00
4FA /4FB/4FD/4FC		51 69
Solenoid	Only for Delphi Equipment	73010
Solenoid	Only for Bosch Equipment	73012
Transit Bus (E) 2.5 TD		1992-94
4GB/4GC /4GA		63 85
Solenoid		73012
Transit Bus (E) 2.5 TD		1991-94
4EA		74 100
Solenoid		73012
Transit Bus (E) 2.5 TD		1994-00
4HD/4HA		55 75
Solenoid		73012
Transit Bus (E) 2.5 TD		1995-00
4GF/4GB/4GC /4GA/4GE/4GD		63 85
Solenoid		73012
Transit Bus (E) 2.5 TD		1994-00
4EB/4EC		74 100
Solenoid		73012
Transit Bus (T) 2.5 D		1985-89
4AB		50 68
Solenoid	Only for Delphi Equipment	73010
Solenoid	Only for Bosch Equipment	73012
Transit Bus (T) 2.5 D		1988-92
4BA/4CA/4AB		52 71
Solenoid	Only for Delphi Equipment	73010
Solenoid	Only for Bosch Equipment	73012
Transit Bus (V) 2.4 D		1977-86
4AA		46 63
Solenoid		73010
Transit Bus (V) 2.5 D		1983-86
4AB		50 68
Solenoid	Only for Delphi Equipment	73010
Solenoid	Only for Bosch Equipment	73012
Transit Chassis (E) 2.5 DI		1994-00
4HC /4HB		56 76
Solenoid		73010
Transit Chassis (E) 2.5 DI		1991-94
4DA		59 80
Solenoid	Only for Delphi Equipment	73010
Solenoid	Only for Bosch Equipment	73012
Transit Chassis (E) 2.5 DI		1994-00
4FA /4FB/4FD/4FC		51 69
Solenoid	Only for Delphi Equipment	73010
Solenoid	Only for Bosch Equipment	73012
Transit Chassis (E) 2.5 DI		1991-94
4FA /4BC/4AB/4CC		51 69
Solenoid	Only for Delphi Equipment	73010
Solenoid	Only for Bosch Equipment	73012
Transit Chassis (E) 2.5 TD		1994-00
4GF/4GB/4GC /4GA/4GE/4GD		63 85
Solenoid		73012



FORD Cont.		
Transit Chassis (E) 2.5 TD		1994-00
4EB/4EC	74	101
Solenoid		73012
Transit Chassis (E) 2.5 TD		1992-94
4GB/4GC /4GA	63	85
Solenoid		73012
Transit Chassis (E) 2.5 TD		1991-94
4EA	74	100
Solenoid		73012
Transit Chassis (T) 2.5 D KAT		1986-89
4AB	50	68
Solenoid Only for Delphi Equipment		73010
Solenoid Only for Bosch Equipment		73012
Transit Chassis (T) 2.5 DI		1988-92
4BA/4CA	52	71
Solenoid Only for Delphi Equipment		73010
Solenoid Only for Bosch Equipment		73012
Transit Chassis (V) 2.5 D		1983-86
4AB	50	68
Solenoid Only for Delphi Equipment		73010
Solenoid Only for Bosch Equipment		73012
Transit Van (E) 2.5 DI		1994-00
4HC /4HB	56	76
Solenoid Only for Delphi Equipment		73010
Solenoid Only for Bosch Equipment		73012
Transit Van (E) 2.5 DI		1991-94
4FA /4BC/4CC	51	70
Solenoid Only for Delphi Equipment		73010
Solenoid Only for Bosch Equipment		73012
Transit Van (E) 2.5 DI		1991-94
4DA	59	80
Solenoid Only for Delphi Equipment		73010
Solenoid Only for Bosch Equipment		73012
Transit Van (E) 2.5 DI		1992-94
4GA	63	85
Solenoid Only for Delphi Equipment		73010
Solenoid Only for Bosch Equipment		73012
Transit Van (E) 2.5 DI		1994-00
4FA /4FB/4FD/4FC	51	69
Solenoid Only for Delphi Equipment		73010
Solenoid Only for Bosch Equipment		73012
Transit Van (E) 2.5 TD		1994-00
4GF/4GB/4GC /4GA/4GE/4GD	63	85
Solenoid		73012
Transit Van (E) 2.5 TD		1991-94
4EA	74	101
Solenoid		73012
Transit Van (E) 2.5 TDI		1994-00
4EB/4EC	74	101
Solenoid		73012

HYUNDAI		
Accent II (LC) 1.5 CRDi		2002-05
D3EA	60	82
DW-TL 08.2002->		56010
DW-TL		56027
Accent II Sedan (LC) 1.5 CRDi		2002-05
D3EA	60	82
DW-TL 08.2002->		56010
DW-TL		56027
Accent III (MC) 1.5 CRDi GLS		2005-10
D4FA	81	110
DW-TL		56027
Accent III Sedan (MC) 1.5 CRDi GLS		2005-10
D4FA	81	110
DW-TL		56027
Elantra (XD) 2.0 CRDi		2001-06
D4EA	83	113
DW-TL 06.2003-05.2006		56010
Elantra Sedan (HD) 1.6 CRDi		2005-11
D4FB	85	116
DW-TL		56027
Elantra Sedan (XD) 2.0 CRDi		2001-06
D4EA	83	113
DW-TL 06.2003-05.2006		56010

HYUNDAI Cont.		
Getz (TB) 1.5 CRDi		2003-05
D3EA	60	82
DW-TL 07.2003->		56010
DW-TL		56027
H-1 / Starex 2.5 CRDi		2002-04
D4CB	120	163
DW-TL		56027
H-1 Van 2.5 CRDi		2003-07
D4CB	103	140
DW-TL		56027
H100 Bus (P) 2.5 D		1993-94
D4BA/D4BX	55	75
Solenoid		73010
H100 Van 2.5 D		1993-94
D4BA/D4BX	55	75
Solenoid		73010
i10 (PA) 1.1 CRDi		2008-11
D3FA	55	75
DW-TL		56027
i30 (FD) 1.6 CRDi		2007-11
D4FB	85	116
DW-TL		56027
i30 (FD) 1.6 CRDi		2007-11
D4FB	66	90
DW-TL		56027
i30 (GD) 1.6 CRDi		2011-16
D4FB	100	136
DW-TL		56027
i30 (GD) 1.6 CRDi		2011-15
D4FB	94	128
DW-TL		56027
i30 (GD) 1.6 CRDi		2011-16
D4FB	81	110
DW-TL		56027
i30 Coupe 1.6 CRDi		2013->
D4FB	94	128
DW-TL		56027
i30 Cw (FD) 1.6 CRDi		2008-12
D4FB	85	116
DW-TL		56027
i30 Cw (FD) 1.6 CRDi		2008-12
D4FB	66	90
DW-TL		56027
i30 Cw (GD) 1.6 CRDi		2015->
D4FB	100	136
DW-TL		56027
i30 Cw (GD) 1.6 CRDi		2012->
D4FB	81	110
DW-TL		56027
Matrix (FC) 1.5 CRDi		2001-10
D3EA	60	82
DW-TL ->05.2005		56010
DW-TL		56027
Santa Fé I (SM) 2.0 CRDi		2001-06
D4EA	83	113
DW-TL ->12.2005		56010
Santa Fé I (SM) 2.0 CRDi 4x4		2001-06
D4EA	83	113
DW-TL ->12.2005		56010
Santa Fé I (SM) 2.0 CRDi 4x4		2003-06
D4EA	92	125
DW-TL ->12.2005		56010
Santa Fé II (CM) 2.2 CRDi		2006-12
D4EB	102	139
DW-TL		56027
Santa Fé II (CM) 2.2 CRDi		2006-09
D4EB	114	155
DW-TL		56027
Santa Fé II (CM) 2.2 CRDi 4x4		2006-12
D4EB	102	139
DW-TL		56027
Santa Fé II (CM) 2.2 CRDi 4x4		2006-09
D4EB	114	155
DW-TL		56027
Santa Fé II (CM) 2.2 CRDi GLS		2006-09
D4EB	110	150
DW-TL		56027



HYUNDAI Cont.		
Santa Fé II (CM) 2.2 CRDi GLS 4x4	2006-09	
D4EB	110	150
DW-TL	56027	
Terracan (HP) 2.9 CRDi 4WD	2001-06	
J3	110	150
DW-TL	56027	
Trajet (FO) 2.0 CRDi	2001-08	
D4EA	83	113
DW-TL ->06.2007	56010	
DW-TL	56027	
Tucson (JM) 2.0 CRDi	2004-10	
D4EA	83	113
DW-TL	56027	
Tucson (JM) 2.0 CRDi	2006-10	
D4EA-V	103	140
DW-TL	56027	
Tucson (JM) 2.0 CRDi	2006-10	
D4EA	100	136
DW-TL	56027	
Tucson (JM) 2.0 CRDi	2009-10	
D4EA	110	150
DW-TL	56027	
Tucson (JM) 2.0 CRDi 4WD	2004-10	
D4EA	83	113
DW-TL	56027	
Tucson (JM) 2.0 CRDi 4WD	2006-10	
D4EA-V/D4EA-F	103	140
DW-TL	56027	
Tucson (JM) 2.0 CRDi 4WD	2006-10	
D4EA	100	136
DW-TL	56027	
Tucson (JM) 2.0 CRDi 4WD	2009-10	
D4EA	110	150
DW-TL	56027	
IVECO		
Daily IV Bus 35S14, 35S14 /P	2006-11	
F1AE0481HA	100	136
DW-AGR	56011	
Daily IV Van/Combi 35C15 V, 35C15 V/P	2006-11	
F1CE0481FA	107	146
DW-AGR	56011	
Daily IV Van/Combi 35C18 V, 35C18 V/P, 35S18 V, 35S18 V/P	2006-11	
F1CE0481HA	130	176
DW-AGR	56011	
EuroCargo I-III 100 E 15 K	1991-15	
8060.25R.4200 LTC	105	143
Solenoid	73013	
EuroCargo I-III 100 E 15, 100 E 15 P	1991-15	
806025R4200LTC;806045R5000;5001;5003;5005	105	143
Solenoid	73013	
EuroCargo I-III 100 E 18 K	1991-15	
8060.25V.4000	130	177
Solenoid	73013	
EuroCargo I-III 100 E 18, 100 E 18 P	1991-15	
8060.25V.4000	130	177
Solenoid	73013	
EuroCargo I-III 100 E 21, 100 E 21 P	1991-15	
8060.45.4180; 8060.45.4100 TCA	152	207
Solenoid	73013	
EuroCargo I-III 120 E 15	1991-15	
8060.25R.4280; 8060.25R.4200	105	143
Solenoid	73013	
EuroCargo I-III 120 E 15 K	1991-15	
8060.25R.4280	105	143
Solenoid	73013	
EuroCargo I-III 120 E 18 K	1991-15	
8060.25V.4080	130	177
Solenoid	73013	
EuroCargo I-III 120 E 18, 120 E 18 P, 120 E 18 H	1991-15	
8060.25V.4080; 8060.45B.5100	130	177
Solenoid	73013	
EuroCargo I-III 130 E 15	1991-15	
8060.25R.4280	105	143
Solenoid	73013	
EuroCargo I-III 130 E 18	1991-15	
8060.25V.4080	130	177
Solenoid	73013	

IVECO Cont.		
EuroCargo I-III 135 E 18 W	1991-15	
8060.25V.4800	130	177
Solenoid	73013	
EuroCargo I-III 135 E 18 WR	1991-15	
8060.25V.4800	130	177
Solenoid	73013	
EuroCargo I-III 150 E 15	1991-15	
8060.25R.4280	105	143
Solenoid	73013	
EuroCargo I-III 150 E 15 K	1991-15	
8060.25R.4280	105	143
Solenoid	73013	
EuroCargo I-III 150 E 18 K	1991-15	
8060.25V.4000; 8060.25V.4080	130	177
Solenoid	73013	
EuroCargo I-III 150 E 18, 150 E 18 P	1991-15	
8060.25V.4000; 8060.25V.4080; 8060.45B	129-130	175-177
Solenoid	73013	
EuroCargo I-III 170 E 15 K	1991-00	
8060.25R.4280	105	143
Solenoid	73013	
EuroCargo I-III 170 E 18 K, 180 E 18 K	1991-15	
8060.25V.4800	130	177
Solenoid	73013	
EuroCargo I-III 170 E 18, 180 E 18	1991-15	
8060.25V.4800	130	177
Solenoid	73013	
EuroCargo I-III 180 E 21 T	1991-15	
8060.45.4100 TCA	152	207
Solenoid	73013	
EuroCargo I-III 75 E 15 K	1991-15	
8060.25R.4200 LTC	105	143
Solenoid	73013	
EuroCargo I-III 80 E 15 K	1991-15	
8060.25R.4200 LTC	105	143
Solenoid	73013	
EuroCargo I-III 80 E 15 K	1991-15	
8060.25R.4200 LTC	105	143
Solenoid	73013	
EuroCargo I-III 80 E 15 K	1991-15	
8060.25R.4200 LTC	105	143
Solenoid	73013	
EuroCargo I-III 80 E 15, 80 E 15 P	1991-15	
8060.25R.4200 LTC	105	143
Solenoid	73013	
EuroCargo I-III 80 E 18 K	1991-15	
8060.25V.4000	130	177
Solenoid	73013	
EuroCargo I-III 80 E 18 K	1991-15	
8060.25V.4000	130	177
Solenoid	73013	
EuroCargo I-III 80 E 18, 80 E 18 P, 18 E 80 FP	1991-15	
8060.25V.4000	130	177
Solenoid	73013	
EuroCargo I-III 80 E 18, 80 E 18 P, 18 E 80 FP	1991-15	
8060.25V.4000	130	177
Solenoid	73013	
EuroCargo I-III 80 E 21, 80 E 21 P, 21 E 80 FP	1991-15	
8060.45.4180; 8060.45.4100 TCA	152	207
Solenoid	73013	
EuroCargo I-III 80 E 21, 80 E 21 P, 80 E 21 FP	1991-15	
8060.45.4180; 8060.45.4100 TCA	152	207
Solenoid	73013	
EuroCargo I-III 95 E 15 W	1991-15	
806025R4750;4755;4760;4764;806045R5050;5051	105	143
Solenoid	73013	
EuroCargo I-III 95 E 21 W	1991-15	
8060455251/4700/4702/4706/4708/5250/5255/4704	152	207
Solenoid	73013	
JEEP		
Grand Cherokee II (WJ, WG) 4.7 V8 4x4	2003-05	
EVA	167	227
DW-AGR	56024	



KIA		
Carnival / Grand Carnival III (VQ) 2.9 CRDi	2006->	
J3	136	185
DW-TL	56027	
Carnival I (UP) 2.9 TD	1999-01	
J3	93	126
DW-TL	56027	
Carnival II (GQ) 2.9 CRDi	2001-06	
J3	106	144
DW-TL	56027	
Cee'D 1.6 CRDi 115	2012->	
D4FB	85	115
DW-TL	56027	
Cee'D 1.6 CRDi 128	2012->	
D4FB	94	128
DW-TL	56027	
Cee'D Fastback (ED) 1.6 CRDi 115	2006-12	
D4FB	85	115
DW-TL	56027	
Cee'D Fastback (ED) 1.6 CRDi 128	2010-12	
D4FB	94	128
DW-TL	56027	
Cee'D Fastback (ED) 1.6 CRDi 90	2006-12	
D4FB-L	66	90
DW-TL	56027	
Cee'D Sportswagon 1.6 CRDi	2012->	
D4FB	94	128
DW-TL	56027	
Cee'D Sportswagon 1.6 CRDi	2013->	
D4FB	81	110
DW-TL	56027	
Cee'D SW (ED) 1.6 CRDi 115	2007-12	
D4FB	85	115
DW-TL	56027	
Cee'D SW (ED) 1.6 CRDi 128	2010-12	
D4FB	94	128
DW-TL	56027	
Cee'D SW (ED) 1.6 CRDi 90	2007-12	
D4FB-L	66	90
DW-TL	56027	
Cerato (LD) 1.5 CRDi	2005->	
D4FA	75	102
DW-TL	56027	
Cerato (LD) 2.0 CRDi	2004->	
D4EA	83	112
DW-TL	56027	
Cerato Sedan (LD) 1.5 CRDi	2005->	
D4FA	75	102
DW-TL	56027	
Cerato Sedan (LD) 2.0 CRDi	2004->	
D4EA	83	112
DW-TL	56027	
Pro Cee'D 1.6 CRDi	2013->	
D4FB	94	128
DW-TL	56027	
Rio II (JB) 1.5 CRDi	2005->	
D4FA	81	110
DW-TL	56027	
Rio II Sedan (JB) 1.5 CRDi	2008->	
D4FA	65	88
DW-TL	56027	
Rio II Sedan (JB) 1.5 CRDi	2005->	
D4FA	81	110
DW-TL	56027	
Sportage (JE) 2.0 CRDi	2005->	
D4EA	83	113
DW-TL	56027	
Sportage (JE) 2.0 CRDi 4WD	2004->	
D4EA	83	113
DW-TL	56027	
Sportage (JE) 2.0 CRDi 4WD	2006->	
D4EA	100	136
DW-TL	56027	

LANCIA		
Delta III (844) 1.6 D Multijet	2008-14	
198 A2.000	88	120
DW-TL	56004	
Delta III (844) 1.6 D Multijet	2011-14	
944 A 3.000	77	105
DW-TL	56004	
Delta III (844) 1.9 D Multijet	2009-14	
844 A1.000	140	190
DW-TL	56004	
Kappa (838A) 2.4 JTD	1998-01	
838 A8.000	100	136
DW-AGR	56036	
Kappa SW (838B) 2.4 JTD	1998-01	
838 A8.000	100	136
DW-AGR	56036	
Lybra (839AX) 1.9 JTD	1999-00	
AR 32302	77	105
DW-AGR	56036	
DW-TL	56004	
Lybra (839AX) 1.9 JTD	2000-01	
AR 37101	81	110
DW-AGR	56036	
DW-TL	56004	
Lybra (839AX) 1.9 JTD	2001-05	
937 A2.000	85	116
DW-AGR	56036	
DW-TL	56004	
Lybra (839AX) 2.4 JTD	1999-01	
AR 32501/839 A5.000	99	135
DW-AGR	56036	
DW-TL	56004	
Lybra (839AX) 2.4 JTD	2000-02	
839 A6.000	103	140
DW-TL	56004	
Lybra (839AX) 2.4 JTD	2002-05	
841 C.000	110	150
DW-TL	56004	
Lybra SW (839BX) 1.9 JTD	1999-00	
AR 32302	77	105
DW-AGR	56036	
DW-TL	56004	
Lybra SW (839BX) 1.9 JTD	2000-01	
AR 37101	81	110
DW-AGR	56036	
DW-TL	56004	
Lybra SW (839BX) 1.9 JTD	2001-05	
937 A2.000	85	116
DW-AGR	56036	
DW-TL	56004	
Lybra SW (839BX) 2.4 JTD	1999-00	
AR 32501/839 A5.000	99	135
DW-TL	56004	
Lybra SW (839BX) 2.4 JTD	2000-05	
839 A6.000	103	140
DW-TL	56004	
Lybra SW (839BX) 2.4 JTD	2002-05	
841 C.000	110	150
DW-TL	56004	
Musa (350) 1.3 D Multijet	2004-12	
188 A9.000	51	70
DW-TL	56004	
Musa (350) 1.3 D Multijet	2006-12	
199 A3.000	66	90
DW-TL	56004	
Musa (350) 1.6 D Multijet	2008-12	
350 A2.000	88	120
DW-TL	56004	
Musa (350) 1.6 D Multijet	2008-12	
350 A3.000/350 A2.000	85	116
DW-TL	56004	
Musa (350) 1.9 D Multijet	2004-12	
188 B2.000	74	101
DW-TL	56004	
Thesis (841) 2.4 JTD	2003-09	
841 N.000/841 M.000	120	163
DW-TL ->12.2007	56004	
Thesis (841AX) 2.4 D Multijet	2006-09	
841 P.000	136	185
DW-TL ->12.2007	56004	



LANCIA Cont.		
Thesis (841AX) 2.4 JTD	2002-09	
841 C.000	110	150
DW-TL ->12.2007	56004	
Thesis (841AX) 2.4 JTD	2003-09	
841 G.000	129	175
DW-TL ->12.2007	56004	
Ypsilon (843) 1.3 D Multijet	2006-11	
199 A2.000	55	75
DW-TL	56004	
Ypsilon (843) 1.3 D Multijet	2006-11	
199 A3.000	66	90
DW-TL	56004	
Ypsilon (843) 1.3 D Multijet	2007-11	
199 A3.000	77	105
DW-TL	56004	
Ypsilon (843) 1.3 JTD	2003-11	
188 A9.000	51	70
DW-TL	56004	
LAND ROVER		
90/110 (DHMC) 2.5 TD 4x4	1986-90	
19 J	63	86
Solenoid	73010	
LDV		
400 Bus 2.5 TD	1995-98	
ET 70	71	96
Solenoid	73010	
400 Chassis 2.5 TD	1995-96	
ET 70	71	96
Solenoid	73010	
MAN		
EM EM 192	1993-97	
D 0826 LOH 06	140	190
Solenoid	73013	
EM EM 222,EM 223	1996->	
D 0826 LOH 15; D 0826 LUH 12	162	220
Solenoid	73013	
EM EM 223	1987->	
D 0826 LOH 15	162	220
Solenoid	73013	
G 10.136 F,10.136 FL	1981-87	
D 0226 MF	100	136
Solenoid	73013	
G 10.136 FK	1981-87	
D 0226 MF	100	136
Solenoid	73013	
G 6.90 F	1979-87	
D 0224 MF	66-66	90-90
Solenoid	73013	
G 6.90 FK	1979-87	
D 0224 MF	66	90
Solenoid	73013	
G 8.136 F,8.136 FL	1979-87	
D 0226 MF	100	136
Solenoid	73013	
G 8.136 FAE	1983-88	
D 0226 MF	100	136
Solenoid	73013	
G 8.136 FK	1979-88	
D 0226 MF	100	136
Solenoid	73013	
G 8.136 FOC	1982-88	
D 0226 MF	100	136
Solenoid	73013	
G 8.90 F	1979-87	
D 0224 MF	66	90
Solenoid	73013	
G 8.90 FK	1979-87	
D 0224 MF	66	90
Solenoid	73013	
G 9.136 F,9.136 FL	1979-87	
D 0226 MF	100	136
Solenoid	73013	

MAN Cont.		
G 9.136 FAE	1983-88	
D 0226 MF	100	136
Solenoid	73013	
G 9.136 FK	1979-88	
D 0226 MF	100	136
Solenoid	73013	
G 9.136 FOC	1982-88	
D 0226 MF	100	136
Solenoid	73013	
G 90 10.150 F,10.150 FL	1990-93	
D 0226 MF	92	125
Solenoid	73013	
G 90 6.100 F	1987-93	
D 0824 GF; D 0824 GF01; D 0824 GF02	75	102
Solenoid	73013	
G 90 6.100 FK	1987-93	
D 0824 GF; D 0824 GF01; D 0824 GF02	75	102
Solenoid	73013	
G 90 8.100 F	1987-93	
D 0824 GF; D 0824 GF01; D 0824 GF02	75	102
Solenoid	73013	
G 90 8.100 FK	1987-93	
D 0824 GF; D 0824 GF01; D 0824 GF02	75	102
Solenoid	73013	
G 90 8.150 F,8.150 FL	1990-93	
D 0226 MF	92	125
Solenoid	73013	
G 90 8.150 F,8.150 FL	1987-93	
D 0826 GF; D 0826 GF03	110-114	150-155
Solenoid	73013	
G 90 8.150 FAE	1988-95	
D 0826 GF; D 0826 GF03	110-114	150-155
Solenoid	73013	
G 90 8.150 FK	1987-93	
D 0826 GF; D 0826 GF03	110-114	150-155
Solenoid	73013	
G 90 8.150 FS,8.150 FLS	1987-93	
D 0826 GF; D 0826 GF03	110-114	150-155
Solenoid	73013	
G 90 9.150 F,9.150 FL	1990-93	
D 0226 MF	92	125
Solenoid	73013	
G 90 9.150 F,9.150 FL	1987-93	
D 0826 GF; D 0826 GF03	110-114	150-155
Solenoid	73013	
G 90 9.150 FAE	1988-92	
D 0826 GF; D 0826 GF03	110-114	150-155
Solenoid	73013	
G 90 9.150 FK	1987-93	
D 0826 GF; D 0826 GF03	110-114	150-155
Solenoid	73013	
G 90 9.150 FS,9.150 FLS	1987-93	
D 0826 GF; D 0826 GF03	110-114	150-155
Solenoid	73013	
HOCL 10.150 HOCL	1987-04	
D 0826 OH; D 0826 OH02	110	150
Solenoid	73013	
HOCL 11.150 HOCL	1987-04	
D 0826 OH; D 0826 OH02	110	150
Solenoid	73013	
HOCL 12.220 HOCL/R-NL	1999-09	
D 0826 LOH 15; D 0826 LOH 17	162	220
Solenoid	73013	
HOCL 13.220 HOCL/R	2001-04	
D0826LOH03;04;05;15;17	162-169	220-230
Solenoid	73013	
HOCL 14.220 HOCL/R-NL	1998->	
D0826LUH11;D0826LOH15;D0826LOH17	162	220
Solenoid	73013	
HOCL 18.220 HOCL/R-NL, HOCL/SKD(SL)	1993-01	
D0826LOH03;04;05;15;17;D0836LOH03	162-169	220-230
Solenoid	73013	
L 2000 10.153 F	1993->	
D 0824 LFL 01; D 0824 LFL 05	114	155
Solenoid	73013	
L 2000 10.153 FA	1993->	
D 0824 LFL 01; D 0824 LFL 05	114	155
Solenoid	73013	



MAN Cont.		
L 2000 10.153 LAEK	1993-96	
D 0824 LFL 01; D 0824 LFL 05	114	155
Solenoid	73013	
L 2000 10.153 LC, 10.153 LLC	1993-96	
D 0824 LFL 01; D 0824 LFL 05	114	155
Solenoid	73013	
L 2000 10.153 LK	1993-96	
D 0824 LFL 01; D 0824 LFL 05	114	155
Solenoid	73013	
L 2000 10.153 LLS	1993-96	
D 0824 LFL 01; D 0824 LFL 05	114	155
Solenoid	73013	
L 2000 10.155 LC, LLC, LLRC, LRC, LLRC	2000->	
---	114	155
Solenoid	73013	
L 2000 10.155 LK, L-KI, LRK, LR-KI, LK-L	2004->	
---	114	155
Solenoid	73013	
L 2000 10.163 F	1994->	
D 0824 LFL 06	114	155
Solenoid	73013	
L 2000 10.163 FA	1994->	
D 0824 LFL 06	114	155
Solenoid	73013	
L 2000 10.163 LAC, LAEC, LARC, LAERC	1994->	
D0824LFL02; D0824LFL06; D0824LFL09	114-118	155-160
Solenoid	73013	
L 2000 10.163 LC, 10.163 LLC	1994->	
D0824LFL02; D0824LFL06; D0824LFL09	114-118	155-160
Solenoid	73013	
L 2000 10.163 LLS, LLRS	1994->	
D0824LFL02; D0824LFL06; D0824LFL09	114-118	155-160
Solenoid	73013	
L 2000 10.220 FOC, 10.220 FOCL	1995->	
D 0826 LFL03	162	220
Solenoid	73013	
L 2000 10.223 F, 10.223 FL	1993-96	
D 0826 LFL06	162	220
Solenoid	73013	
L 2000 10.223 FA	1993-96	
D 0826 LFL06	162	220
Solenoid	73013	
L 2000 10.223 LAEC	1995-96	
D 0826 LFL06	162	220
Solenoid	73013	
L 2000 10.223 LC, 10.223 LLC	1993-96	
D 0826 LFL02; D 0826 LFL06	162-169	220-230
Solenoid	73013	
L 2000 10.223 LK	1993-96	
D 0826 LFL02; D 0826 LFL06	162-169	220-230
Solenoid	73013	
L 2000 10.223 LLS	1993-96	
D 0826 LFL02; D 0826 LFL06	162-169	220-230
Solenoid	73013	
L 2000 10.224 F, 10.224 FL	1994->	
D 0826 LFL03	162	220
Solenoid	73013	
L 2000 10.224 FA	1994->	
D 0826 LFL03	162	220
Solenoid	73013	
L 2000 10.224 LAC, LAEC, LARC, LAERC	1995->	
D 0826 LFL10; D 0826 LFL03	162	220
Solenoid	73013	
L 2000 10.224 LC, 10.224 LLC, LRC, LLRC	1994->	
D 0826 LFL10; D 0826 LFL03	162	220
Solenoid	73013	
L 2000 10.224 LLS, LLRS	1994->	
D 0826 LFL03	162	220
Solenoid	73013	
L 2000 10.225 LAC, LAEC, LARC, LAERC (LE220C)	2000->	
D 0836 LFL 02	162	220
Solenoid	73013	
L 2000 10.225 LC, 10.225 LLC, LRC, LLRC	2000->	
D 0836 LFL 02	162	220
Solenoid	73013	
L 2000 10.225 LLS, LLRS (LE220C)	2000->	
D 0836 LFL 02	162	220
Solenoid	73013	

MAN Cont.		
L 2000 8.113 LC, 8.113 LLC	1995->	
D 0824 LFL 04	81	110
Solenoid	73013	
L 2000 8.145 LA-LF, LAE-LF	2000->	
---	103	140
Solenoid	73013	
L 2000 8.145, LA-LF LAE-LF	2000->	
---	103	140
Solenoid	73013	
L 2000 8.150 FOC, 8.150 FOCL	1995->	
D 0824 LFO	114-118	155-160
Solenoid	73013	
L 2000 8.153 LAEC	1995-96	
D 0824 LFL 01; D 0824 LFL 05	114	155
Solenoid	73013	
L 2000 8.153 LAEK	1995-96	
D 0824 LFL 01; D 0824 LFL 05	114	155
Solenoid	73013	
L 2000 8.153 LC, 8.153 LLC	1993-97	
D 0824 LFL 01; D 0824 LFL 05	114	155
Solenoid	73013	
L 2000 8.153 LK	1993-97	
D 0824 LFL 01; D 0824 LFL 05	114	155
Solenoid	73013	
L 2000 8.153 LLS	1993-96	
D 0824 LFL 01; D 0824 LFL 05	114	155
Solenoid	73013	
L 2000 8.155 L, LR, LC, LLC, LRC, LLRC, L-LF	2004->	
---	114	155
Solenoid	73013	
L 2000 8.155 LC, LLC, LRC, LLRC	2004->	
---	114	155
Solenoid	73013	
L 2000 8.155 LK, L-KI, LR-KI, LRK-L, LK-L	2004->	
---	114	155
Solenoid	73013	
L 2000 8.155 LK, LRK	2004->	
---	114	155
Solenoid	73013	
L 2000 8.155 L-LF	2004->	
---	114	155
Solenoid	73013	
L 2000 8.155 LLS, LLRS	2004->	
---	114	155
Solenoid	73013	
L 2000 8.155 LLS, LLRS	2004->	
---	114	155
Solenoid	73013	
L 2000 8.163 LAEC	1995-97	
D 0824 LFL 07	104	141
Solenoid	73013	
L 2000 8.163 LAK, LARK, LAEK, LAERK	2000->	
---	104	141
Solenoid	73013	
L 2000 8.163 LC, LLC, LLRC, LRC (LE160C)	2000->	
D 0824 LFL 09	114	155
Solenoid	73013	
L 2000 8.163 LC, 8.163 LLC	1994->	
D0824LFL02; D0824LFL06; D0824LFL09	114-118	155-160
Solenoid	73013	
L 2000 8.163 LC, 8.163 LLC, LRC, LLRC, L-LF	1995->	
D 0824 LFL 07	104	141
Solenoid	73013	
L 2000 8.163 LLS, LLRS	1994->	
D0824LFL02; D0824LFL06; D0824LFL09	114-118	155-160
Solenoid	73013	
L 2000 8.163 LLS, LLRS	1994->	
D0824LFL02; D0824LFL06; D0824LFL09	114-118	155-160
Solenoid	73013	
L 2000 8.220 FOC, 8.220 FOCL	1995->	
D 0826 LFL03	162	220
Solenoid	73013	
L 2000 8.223 LAEC	1995-96	
D 0826 LFL06	162	220
Solenoid	73013	
L 2000 8.223 LC, 8.223 LLC	1993-96	
D 0826 LFL02; D 0826 LFL06	162-169	220-230
Solenoid	73013	



MAN Cont.		
L 2000 8.223 LK	1993-96	
D 0826 LFL02; D 0826 LFL06	162-169 220-230	
Solenoid	73013	
L 2000 8.223 LLS	1993-96	
D 0826 LFL02; D 0826 LFL06	162-169 220-230	
Solenoid	73013	
L 2000 8.224 LAC, LAEC, LARC, LAERC	1995->	
D 0826 LFL03	162 220	
Solenoid	73013	
L 2000 8.224 LAC, LAEC, LARC, LAERC	1995->	
D 0826 LFL03	162 220	
Solenoid	73013	
L 2000 8.224 LAK, LAEK, LARK, LAERK	1995->	
D 0826 LFL03	162 220	
Solenoid	73013	
L 2000 8.224 LC, LLC, LRC, LLRC	1994->	
D 0826 LFL03	162 220	
Solenoid	73013	
L 2000 8.224 LC,8.224 LLC, LRC, LLRC	1994->	
D 0826 LFL03	162 220	
Solenoid	73013	
L 2000 8.224 LK, LRK, L-KI, LR-KI	1994->	
D 0826 LFL03	162 220	
Solenoid	73013	
L 2000 8.224 LK, LRK, L-KI, LR-KI	1994->	
D 0826 LFL03	162 220	
Solenoid	73013	
L 2000 8.224 LLS, LLRS	1994->	
D 0826 LFL03	162 220	
Solenoid	73013	
L 2000 8.224 LLS, LLRS	1994->	
D 0826 LFL03	162 220	
Solenoid	73013	
L 2000 8.225 LAC, LAEC, LARC, LAERC (LE220C)	2000->	
D 0836 LFL 02	162 220	
Solenoid	73013	
L 2000 8.225 LC,8.225 LLC, LRC, LLRC (LE220C)	2000->	
D 0836 LFL 02; D 0826 LFL10	162 220	
Solenoid	73013	
L 2000 8.225 LLS, LLRS (LE220C)	2000->	
D 0836 LFL 02	162 220	
Solenoid	73013	
L 2000 9.153 LC,9.153 LLC	1993-96	
D 0824 LFL 01; D 0824 LFL 05	114 155	
Solenoid	73013	
L 2000 9.153 LK	1993-96	
D 0824 LFL 01; D 0824 LFL 05	114 155	
Solenoid	73013	
L 2000 9.153 LLS	1993-95	
D 0824 LFL 01; D 0824 LFL 05	114 155	
Solenoid	73013	
L 2000 9.155 L, LC, LLC, LRC, LLRC	2004->	
---	114 155	
Solenoid	73013	
L 2000 9.155 LLS, LLRS	2004->	
---	114 155	
Solenoid	73013	
L 2000 9.163 LC	1995-97	
D 0824 LFL 07	104 141	
Solenoid	73013	
L 2000 9.163 LC,9.163 LLC, LRC, LLRC	1994->	
D0824LFL02;D0824LFL06;D0824LFL09	114-118 155-160	
Solenoid	73013	
L 2000 9.163 LK	1995-97	
D 0824 LFL 07	104 141	
Solenoid	73013	
L 2000 9.163 LLS, LLRS	1994->	
D0824LFL02;D0824LFL06;D0824LFL09	114-118 155-160	
Solenoid	73013	
L 2000 9.223 LC,9.223 LLC	1993-96	
D 0826 LFL02; D 0826 LFL06	162-169 220-230	
Solenoid	73013	
L 2000 9.223 LK	1993-96	
D 0826 LFL02; D 0826 LFL06	162-169 220-230	
Solenoid	73013	
L 2000 9.223 LLS	1993-96	
D 0826 LFL02; D 0826 LFL06	162-169 220-230	
Solenoid	73013	

MAN Cont.		
L 2000 9.224 LC,9.224 LLC, LRC, LLRC	1994->	
D 0826 LFL03	162 220	
Solenoid	73013	
L 2000 9.224 LLS, LLRS	1994->	
D 0826 LFL03	162 220	
Solenoid	73013	
L 2000 9.225 LC,9.225 LLC, LRC, LLRC (LE220C)	2000->	
D 0836 LFL 02	162 220	
Solenoid	73013	
L 2000 9.225 LLS, LLRS (LE220C)	2000->	
D 0836 LFL 02	162 220	
Solenoid	73013	
L2000 10.163 LAEK,LAEK-L,LAERK,LAERK-L,LAK,LAK-L,LARK	1995->	
D0824LFL02;D0824LFL06;D0824LFL09	114-118 155-160	
Solenoid	73013	
L2000 10.163 LC,10.163 LLC, LRC, LLRC	2000->	
D 0824 LFL 09	114 155	
Solenoid	73013	
L2000 10.163 LK,L-KI,LRK,LR-KI,LRK-L,LK-L	1994->	
D0824LFL02;D0824LFL06;D0824LFL09	114-118 155-160	
Solenoid	73013	
L2000 10.224 LAEK,LAEK-L,LAERK,LAERK-L,LAK,LAK-L,LARK	1995->	
D 0826 LFL03	162 220	
Solenoid	73013	
L2000 10.224 LK,L-KI,LRK,LR-KI,LRK-L,LK-L	1994->	
D 0826 LFL03	162 220	
Solenoid	73013	
L2000 10.225 LAEK,LAEK-L,LAERK,LAERK-L,LAK,LAK-L,LARK	2000->	
D 0836 LFL 02	162 220	
Solenoid	73013	
L2000 10.225 LC, 10.225 LLC, LRC, LLRC (LE220C)	2000->	
D 0836 LFL 02	162 220	
Solenoid	73013	
L2000 10.225 LK, L-KI, LRK, LR-KI, LRK-L, LK-L	2000->	
D 0836 LFL 02	162 220	
Solenoid	73013	
L2000 8.113 LC,8.113 LLC, LRC, LLRC	2000->	
D 0824 LFL 08	83 113	
Solenoid	73013	
L2000 8.113 LK, L-KI, LRK, LR-KI, LRK-L, LK-L	1995->	
D 0824 LFL 04	81 110	
Solenoid	73013	
L2000 8.113 LK, L-KI, LRK, LR-KI, LRK-L, LK-L	1995->	
D 0824 LFL 04	81 110	
Solenoid	73013	
L2000 8.163 LAC, LAEC, LARC, LAERC, LA-LF, LAE-LF	1995->	
D0824LFL02;D0824LFL06;D0824LFL09	114-118 155-160	
Solenoid	73013	
L2000 8.163 LK, L-KI, LRK, LR-KI, LRK-L, LK-L	1994->	
D0824LFL02;D0824LFL06;D0824LFL09	114-118 155-160	
Solenoid	73013	
L2000 8.163 LK, L-KI, LRK, LR-KI, LRK-L, LK-L	1994->	
D0824LFL02;D0824LFL06;D0824LFL09	114-118 155-160	
Solenoid	73013	
L2000 8.224	1995->	
D 0826 LFL03	162 220	
Solenoid	73013	
L2000 8.225	2000->	
D 0836 LFL 02	162 220	
Solenoid	73013	
L2000 9.155 LK, L-KI, LRK, LR-KI, LRK-L, LK-L	2004->	
---	114 155	
Solenoid	73013	
L2000 9.163 LK, L-KI, LRK, LR-KI, LRK-L, LK-L	1994->	
D0824LFL02;D0824LFL06;D0824LFL09	114-118 155-160	
Solenoid	73013	
L2000 9.224 LK, L-KI, LRK, LR-KI, LRK-L, LK-L	1994->	
D 0826 LFL03	162 220	
Solenoid	73013	
L2000 9.225 LK, L-KI, LRK, LR-KI, LRK-L, LK-L	2000->	
D 0836 LFL 02	162 220	
Solenoid	73013	
M 2000 L 12.145 LC, LLC, LRC, LLRC	2001->	
---	107 145	
Solenoid	73013	
M 2000 L 12.145 LK, LRK	2001->	
---	107 145	
Solenoid	73013	



MAN Cont.		
M 2000 L 12.163 LC, LLC, LRC, LLRC	1995->	
D 0824 LFL 06; D 0824 LFL 09	114	155
Solenoid		73013
M 2000 L 12.163 LK, LRK	1995->	
D 0824 LFL 06; D 0824 LFL 09	114	155
Solenoid		73013
M 2000 L 12.224 LC, LLC, LRC, LLRC	1995->	
D 0826 LFL03; D 0826 LFL10	162	220
Solenoid		73013
M 2000 L 12.224, 12.225, LK, LRK	1995->	
D 0826 LFL03; D 0826 LFL10	162	220
Solenoid		73013
M 2000 L 12.225 LC, LLC, LLLC, LRC, LLRC	2001->	
D 0836 LFL 02	162	220
Solenoid		73013
M 2000 L 14.163 LC, LLC, LRC, LLRC	1995->	
D 0824 LFL 06; D 0824 LFL 09	114	155
Solenoid		73013
M 2000 L 14.163 LK, LRK	1995->	
D 0824 LFL 06; D 0824 LFL 09	114	155
Solenoid		73013
M 2000 L 14.224 LAC, LARC	1995->	
D 0826 LFL03; D 0826 LFL10	162	220
Solenoid		73013
M 2000 L 14.224 LAK, LARK, LAK-L	1995->	
D 0826 LFL03; D 0826 LFL10	162	220
Solenoid		73013
M 2000 L 14.224 LC, LLC, LLLC, LRC, LLRC, LLLRC	1995->	
D 0826 LFL03; D 0826 LFL10	162	220
Solenoid		73013
M 2000 L 14.224 LK, LRK	1995->	
D 0826 LFL03; D 0826 LFL10	162	220
Solenoid		73013
M 2000 L 14.225 LAC, LARC, (LE220B)	2000->	
D 0836 LFL 02	162	220
Solenoid		73013
M 2000 L 14.225 LAK, LARK, LAK-L, (LE220B)	2000->	
D 0836 LFL 02	162	220
Solenoid		73013
M 2000 L 14.225 LC, LLC, LLLC, LRC, LLRC, LLLRC	2000->	
D 0836 LFL 02	162	220
Solenoid		73013
M 2000 L 14.225 LK, LRK (LE220B)	2000->	
D 0836 LFL 02	162	220
Solenoid		73013
M 2000 L 14.263, 14.264 LAC, LARC	1995->	
D 0826 LFL09	191	260
Solenoid		73013
M 2000 L 14.263, 14.264 LAK, LARK, LAK-L	1995->	
D 0826 LFL09	191	260
Solenoid		73013
M 2000 L 14.263, 14.264 LC, LLC, LLLC, LRC, LLRC, LLLRC	1995->	
D 0826 LFL09	191	260
Solenoid		73013
M 2000 L 14.263, 14.264 LK, LRK	1995->	
D 0826 LFL09	191	260
Solenoid		73013
M 2000 L 15.163 LC, LLC, LLLC, LLLRC, LLRC, LRC	1995->	
D 0824 LFL 06; D 0824 LFL 09	114	155
Solenoid		73013
M 2000 L 15.163 LK, LRK, LK-L	1995->	
D 0824 LFL 06; D 0824 LFL 09	114	155
Solenoid		73013
M 2000 L 15.224 LC, LLC, LLLC, LRC, LLRC, LLLRC	1995->	
D 0826 LFL03; D 0826 LFL10	162	220
Solenoid		73013
M 2000 L 15.224 LK, LRK, LK-L	1995->	
D 0826 LFL03; D 0826 LFL10	162	220
Solenoid		73013
M 2000 L 15.225 LC, LLC, LLLC, LRC, LLRC, LLLRC	1999->	
D 0836 LFL 02	162	220
Solenoid		73013
M 2000 L 15.225 LK, LRK, LK-L, (LE220B)	1999->	
D 0836 LFL 02	162	220
Solenoid		73013
M 2000 L 15.263, 15.264 LC, LLC, LLLC, LRC, LLRC, LLLRC	1995->	
D 0826 LFL09	191	260
Solenoid		73013

MAN Cont.		
M 2000 L 15.263, 15.264 LK, LRK, LK-L	1995->	
D 0826 LFL09	191	260
Solenoid		73013
M 2000 L 18.224, 18.225, LAC, LARC	1995->	
D 0826 LFL03; D 0826 LFL10; D 0836 LFL 02	162	220
Solenoid		73013
M 2000 L 18.224, 18.225, LAK, LARK, LAK-L	1995->	
D 0826 LFL03; D 0826 LFL10	162	220
Solenoid		73013
M 2000 L 18.224, 18.225, LC, LLC, LLLC, LRC, LLRC, LLLRC	1995->	
D 0826 LFL03; D 0826 LFL10; D 0836 LFL 02	162	220
Solenoid		73013
M 2000 L 18.224, 18.225, LK, LK-L, LLLK, LLLK-L, LLRK, LRK	1995->	
D 0826 LFL03; D 0826 LFL10	162	220
Solenoid		73013
M 2000 L 18.224, 18.225, L-KO, LR-KO	2001->	
---	162	220
Solenoid		73013
M 2000 L 18.263, 18.264, LAC, LARC	1995->	
D 0826 LFL09	191	260
Solenoid		73013
M 2000 L 18.263, 18.264, LAK, LARK, LAK-L	1995->	
D 0826 LFL09	191	260
Solenoid		73013
M 2000 L 18.263, 18.264, LC, LLC, LLLC, LRC, LLRC, LLLRC	1995->	
D 0826 LFL09	191	260
Solenoid		73013
M 2000 L 18.263, 18.264, LK, LK-L, LLLK, LLLK-L, LLRK, LRK	1995->	
D 0826 LFL09	191	260
Solenoid		73013
M 2000 L 18.263, 18.264, L-KO, LR-KO	2001->	
---	191	260
Solenoid		73013
M 2000 L 19.224, 19.225, LC, LLC, LLLC, LLLRC, LLRC, LRC	2001->	
---	162	224
Solenoid		73013
M 2000 L 19.264 LC, LLC, LLLC, LLLRC, LLRC, LRC	2001->	
---	191	260
Solenoid		73013
M 2000 L 20.224 LNLCL, LNLCL	2001->	
---	162	224
Solenoid		73013
M 2000 L 20.224, 20.225 LNLCL, LNLCL	2001->	
---	162	224
Solenoid		73013
M 2000 L 26.224, 26.225, DL-HK, DLR-HK	2002->	
---	180	245
Solenoid		73013
M 2000 M 12.224 MC, MLC, MLLC, MLRC, MRC, MLLRC	2003->	
---	162	220
Solenoid		73013
M 2000 M 12.224 MLS, MLRS	2003->	
---	162	220
Solenoid		73013
M 2000 M 12.225 MC, MLC, MLLC, MLRC, MRC, MLLRC	2003->	
D 0836 LF 04	162	220
Solenoid		73013
M 2000 M 12.225 MLS, MLRS	2003->	
D 0836 LF 04	162	220
Solenoid		73013
M 2000 M 12.264 MC, MLC, MLLC, MLRC, MRC, MLLRC	2003->	
---	191	260
Solenoid		73013
M 2000 M 12.264 MLS, MLRS	2003->	
---	191	260
Solenoid		73013
M 2000 M 14.224 MAK, MAK-L, MARK	1995-05	
D 0826 LF15; D 0826 LF18	162	220
Solenoid		73013
M 2000 M 14.224 MA-KO, MA-LF	2002->	
---	162	220
Solenoid		73013
M 2000 M 14.224 MC, MLC, MLLC, MLRC, MRC, MLLRC	1995-05	
D 0826 LF10; D 0826 LF15; D 0826 LF18	162	220
Solenoid		73013
M 2000 M 14.224 MK	1995-05	
D 0826 LF15; D 0826 LF18	162	220
Solenoid		73013



MAN Cont.		
M 2000 M 14.224 MLS, MLRS	1995-05	
D 0826 LF15; D 0826 LF18	162	220
Solenoid	73013	
M 2000 M 14.225 MAK, MAK-L, MARK	1995-05	
---	162	220
Solenoid	73013	
M 2000 M 14.225 MA-KO, MA-LF	2003->	
---	162	220
Solenoid	73013	
M 2000 M 14.225 MC, MLC, MLLC, MLRC, MRC, MLLRC	2000->	
D 0836 LF 02; D 0836 LF 04	162	220
Solenoid	73013	
M 2000 M 14.225 MLS, MLRS	2003->	
D 0836 LF 04	162	220
Solenoid	73013	
M 2000 M 14.264 MAK, MAK-L, MARK	2002->	
---	191	260
Solenoid	73013	
M 2000 M 14.264 MA-KO, MA-LF	2002->	
---	191	260
Solenoid	73013	
M 2000 M 14.264 MC, MLC, MLLC, MLRC, MRC, MLLRC	1995-05	
D 0826 LF17	191	260
Solenoid	73013	
M 2000 M 14.264 MLS, MLRS	1995-05	
D 0826 LF17	191	260
Solenoid	73013	
M 2000 M 18.224 MAC, MARC	1995-05	
D 0826 LF15; D 0826 LF18	162	220
Solenoid	73013	
M 2000 M 18.224 MAK, MAK-L, MARK	1995-05	
D 0826 LF15; D 0826 LF18	162	220
Solenoid	73013	
M 2000 M 18.224 MC, MLC, MLLC, MRC, MLRC, MLLRC	1995-05	
D 0826 LF15; D 0826 LF18	162	220
Solenoid	73013	
M 2000 M 18.224 MK, MK-L, MLK, MLRK, MRK	1995-05	
D 0826 LF15; D 0826 LF18	162	220
Solenoid	73013	
M 2000 M 18.224 M-KO, MR-KO	2000->	
---	162	220
Solenoid	73013	
M 2000 M 18.224 MLS, MLRS	1995-05	
D 0826 LF15; D 0826 LF18	162	220
Solenoid	73013	
M 2000 M 18.225 MAC, MARC	2003->	
D 0836 LF 04	162	220
Solenoid	73013	
M 2000 M 18.225 MC, MLC, MLLC, MRC, MLRC, MLLRC	2000->	
D 0836 LF 04	162	220
Solenoid	73013	
M 2000 M 18.225 MK, MK-L, MLK, MLRK, MRK	2000->	
---	162	220
Solenoid	73013	
M 2000 M 18.225 M-KO, MR-KO	2003->	
---	162	220
Solenoid	73013	
M 2000 M 18.225 MLS, MLRS	2003->	
---	162	220
Solenoid	73013	
M 2000 M 18.264 MAC, MARC	1995-05	
D 0826 LF17	191	260
Solenoid	73013	
M 2000 M 18.264 MAK, MAK-L, MARK	1995-05	
D 0826 LF17	191	260
Solenoid	73013	
M 2000 M 18.264 MC, MLC, MLLC, MRC, MLRC, MLLRC	1995-05	
D 0826 LF17	191	260
Solenoid	73013	
M 2000 M 18.264 MK, MK-L, MLK, MLRK, MRK	1995-05	
D 0826 LF17	191	260
Solenoid	73013	
M 2000 M 18.264 M-KO, MR-KO	2000->	
---	191	260
Solenoid	73013	
M 2000 M 18.264 MLS, MLRS	1995-05	
D 0826 LF17	191	260
Solenoid	73013	

MAN Cont.		
M 2000 M 25.224 MNLC, MNLLC, MNLRC, MNLLRC, MVLC	1995-05	
D 0826 LF15; D 0826 LF18; D 0826 LFL10	162	220
Solenoid	73013	
M 2000 M 25.224 MNLC, MNLLC, MNLRC, MNLLRC, MVLC	1995-05	
D 0826 LF15; D 0826 LF18; D 0826 LFL10	162	220
Solenoid	73013	
M 2000 M 25.225 MNLC, MNLLC, MNLRC, MNLLRC, MVLC	2003->	
D 0836 LF 04; D 0836 LFL 02	162	220
Solenoid	73013	
M 2000 M 25.225 MNLC, MNLLC, MNLRC, MNLLRC, MVLC	2003->	
D 0836 LF 04; D 0836 LFL 02	162	220
Solenoid	73013	
M 2000 M 25.264 MNLC, MNLLC, MNLRC, MNLLRC, MVLC	1995-05	
D 0826 LF17	191	260
Solenoid	73013	
M 2000 M 25.264 MNLC, MNLLC, MNLRC, MNLLRC, MVLC	1995-05	
D 0826 LF17	191	260
Solenoid	73013	
M 90 12.192 F,12.192 FL	1990-96	
D 0826 LF01; D 0826 LF05; D 0826 LF07	140	190
Solenoid	73013	
M 90 12.192 FA	1992-96	
D 0826 LF05; D 0826 LF07	140	190
Solenoid	73013	
M 90 12.192 FAK	1992-96	
D 0826 LF05; D 0826 LF07	140	190
Solenoid	73013	
M 90 12.192 FK	1990-96	
D 0826 LF01; D 0826 LF05; D 0826 LF07	140	190
Solenoid	73013	
M 90 12.192 FS,12.192 FLS	1990-96	
D 0826 LF01; D 0826 LF05; D 0826 LF07	140	190
Solenoid	73013	
M 90 12.222 F,12.222 FL	1994-96	
D 0826 LF11	162	220
Solenoid	73013	
M 90 12.222 FA	1994-96	
D 0826 LF11	162	220
Solenoid	73013	
M 90 12.222 FAK	1994-96	
D 0826 LF11	162	220
Solenoid	73013	
M 90 12.222 FK	1994-96	
D 0826 LF11	162	220
Solenoid	73013	
M 90 12.222 FLS	1994-96	
D 0826 LF11	162	220
Solenoid	73013	
M 90 12.232 F,12.232 FL	1988-96	
D 0826 LF02; D 0826 LF06; D 0826 LF08	169	230
Solenoid	73013	
M 90 12.232 FA	1990-96	
D 0826 LF02; D 0826 LF06; D 0826 LF08	169	230
Solenoid	73013	
M 90 12.232 FAK	1990-96	
D 0826 LF02; D 0826 LF06; D 0826 LF08	169	230
Solenoid	73013	
M 90 12.232 FK	1988-96	
D 0826 LF02; D 0826 LF06; D 0826 LF08	169	230
Solenoid	73013	
M 90 12.232 FS,12.232 FLS	1988-96	
D 0826 LF02; D 0826 LF06; D 0826 LF08	169	230
Solenoid	73013	
M 90 12.262 F,12.262 FL	1995-96	
D 0826 LF13	191	260
Solenoid	73013	
M 90 12.262 FK	1995-96	
D 0826 LF13	191	260
Solenoid	73013	
M 90 12.262 FS,12.262 FLS	1995-96	
D 0826 LF13	191	260
Solenoid	73013	
M 90 12.272 F,12.272 FL	1992-96	
D 0826 LF04	198	269
Solenoid	73013	
M 90 12.272 FA	1993-95	
D 0826 LF04	198	269
Solenoid	73013	



MAN Cont.		
M 90 12.272 FAK	1993-95	
D 0826 LF04	198	269
Solenoid	73013	
M 90 12.272 FK	1992-96	
D 0826 LF04	198	269
Solenoid	73013	
M 90 12.272 FS,12.272 FLS	1992-96	
D 0826 LF04	198	269
Solenoid	73013	
M 90 14.152 F,14.152 FL	1994-96	
D 0824 LF 01	114	155
Solenoid	73013	
M 90 14.152 FK	1994-96	
D 0824 LF 01	114	155
Solenoid	73013	
M 90 14.152 FS,14.152 FLS	1994-96	
D 0824 LF 01	114	155
Solenoid	73013	
M 90 14.162 F,14.162 FL	1995-96	
D 0824 LF 02	118	160
Solenoid	73013	
M 90 14.162 FK	1995-96	
D 0824 LF 02	118	160
Solenoid	73013	
M 90 14.162 FS,14.162 FLS	1995-96	
D 0824 LF 02	118	160
Solenoid	73013	
M 90 14.192 F,14.192 FL	1990-96	
D 0826 LF01; D 0826 LF05; D 0826 LF07	140	190
Solenoid	73013	
M 90 14.192 FK	1988-90	
D 0826 TF	137	186
Solenoid	73013	
M 90 14.192 FK	1990-96	
D 0826 LF01; D 0826 LF05; D 0826 LF07	140	190
Solenoid	73013	
M 90 14.192 FS,14.192 FLS	1990-96	
D 0826 LF01; D 0826 LF05; D 0826 LF07	140	190
Solenoid	73013	
M 90 14.222 F,14.222 FL	1994-96	
D 0826 LF11	162	220
Solenoid	73013	
M 90 14.222 FK	1994-96	
D 0826 LF11	162	220
Solenoid	73013	
M 90 14.222 FLS	1994-96	
D 0826 LF11	162	220
Solenoid	73013	
M 90 14.232 F,14.232 FL	1988-96	
D 0826 LF02; D 0826 LF06; D 0826 LF08	169	230
Solenoid	73013	
M 90 14.232 FK	1988-96	
D 0826 LF02; D 0826 LF06; D 0826 LF08	169	230
Solenoid	73013	
M 90 14.232 FS,14.232 FLS	1988-96	
D 0826 LF02; D 0826 LF06; D 0826 LF08	169	230
Solenoid	73013	
M 90 14.232 FS,14.232 FLS	1990-95	
D 0826 LF/217/Silent	160	218
Solenoid	73013	
M 90 14.262 F,14.262 FL	1995-96	
D 0826 LF13	191	260
Solenoid	73013	
M 90 14.262 FK	1995-96	
D 0826 LF13	191	260
Solenoid	73013	
M 90 14.262 FS,14.262 FLS	1995-96	
D 0826 LF13	191	260
Solenoid	73013	
M 90 14.272 F,14.272 FL	1992-96	
D 0826 LF04	198	269
Solenoid	73013	
M 90 14.272 FK	1992-96	
D 0826 LF04	198	269
Solenoid	73013	
M 90 14.272 FS,14.272 FLS	1992-96	
D 0826 LF04	198	269
Solenoid	73013	

MAN Cont.		
M 90 17.192 F,17.192 FL	1988-90	
D 0826 TF	137	186
Solenoid	73013	
M 90 17.192 F,17.192 FL	1990-95	
D 0826 LF01; D 0826 LF05	140	190
Solenoid	73013	
M 90 17.192 FA	1989-90	
D 0826 TF	137	186
Solenoid	73013	
M 90 17.192 FA	1990-96	
D 0826 LF01; D 0826 LF05; D 0826 LF07	140	190
Solenoid	73013	
M 90 17.192 FAK	1989-90	
D 0826 TF	137	186
Solenoid	73013	
M 90 17.192 FAK	1990-96	
D 0826 LF01; D 0826 LF05; D 0826 LF07	140	190
Solenoid	73013	
M 90 17.192 FK	1988-90	
D 0826 TF	137	186
Solenoid	73013	
M 90 17.192 FK	1990-91	
D 0826 LF01	140	190
Solenoid	73013	
M 90 17.192 FS,17.192 FLS	1988-90	
D 0826 TF	137	186
Solenoid	73013	
M 90 17.192 FS,17.192 FLS	1990-95	
D 0826 LF01; D 0826 LF05	140	190
Solenoid	73013	
M 90 17.222 FA	1994-96	
D 0826 LF11	162	220
Solenoid	73013	
M 90 17.222 FAK	1994-96	
D 0826 LF11	162	220
Solenoid	73013	
M 90 17.232 F,17.232 FL	1988-95	
D 0826 LF02; D 0826 LF06	169	230
Solenoid	73013	
M 90 17.232 FA	1989-96	
D 0826 LF02; D 0826 LF06; D 0826 LF08	169	230
Solenoid	73013	
M 90 17.232 FAK	1989-96	
D 0826 LF02; D 0826 LF06; D 0826 LF08	169	230
Solenoid	73013	
M 90 17.232 FK	1988-91	
D 0826 LF02	169	230
Solenoid	73013	
M 90 17.232 FS,17.232 FLS	1988-95	
D 0826 LF02; D 0826 LF06	169	230
Solenoid	73013	
M 90 17.272 FLS	1992-95	
D 0826 LF04	198	269
Solenoid	73013	
M 90 18.192 F,18.192 FL,18.192 FLL	1990-96	
D 0826 LF01; D 0826 LF05; D 0826 LF07	140	190
Solenoid	73013	
M 90 18.192 FK	1990-96	
D 0826 LF01; D 0826 LF05; D 0826 LF07	140	190
Solenoid	73013	
M 90 18.222 F,18.222 FL,18.222 FLL	1994-96	
D 0826 LF11	162	220
Solenoid	73013	
M 90 18.222 FK	1994-96	
D 0826 LF11	162	220
Solenoid	73013	
M 90 18.232 F,18.232 FL,18.232 FLL	1990-96	
D 0826 LF02; D 0826 LF06; D 0826 LF08	169	230
Solenoid	73013	
M 90 18.232 FK	1990-96	
D 0826 LF02; D 0826 LF06; D 0826 LF08	169	230
Solenoid	73013	
M 90 18.262 F,18.262 FL,18.262 FLL	1995-96	
D 0826 LF13	191	260
Solenoid	73013	
M 90 18.262 FK	1995-96	
D 0826 LF13	191	260
Solenoid	73013	



MAN Cont.		
M 90 18.272 F,18.272 FL,18.272 FLL	1992-96	
D 0826 LF04	198	269
Solenoid	73013	
M 90 18.272 FK	1992-96	
D 0826 LF04	198	269
Solenoid	73013	
M 90 24.192 FNL,24.192 FNLL,24.192 FVL	1989-96	
D 0826 LF01; D 0826 LF05; D 0826 LF07	140	190
Solenoid	73013	
M 90 24.192 FNL,24.192 FNLL,24.192 FVL	1989-96	
D 0826 LF01; D 0826 LF05; D 0826 LF07	140	190
Solenoid	73013	
M 90 24.222 FNL,24.222 FNLL,24.222 FVL	1994-96	
D 0826 LF11	162	220
Solenoid	73013	
M 90 24.222 FNL,24.222 FNLL,24.222 FVL	1994-96	
D 0826 LF11	162	220
Solenoid	73013	
M 90 24.232 FNL,24.232 FNLL,24.232 FVL	1989-96	
D 0826 LF02; D 0826 LF06; D 0826 LF08	169	230
Solenoid	73013	
M 90 24.232 FNL,24.232 FNLL,24.232 FVL	1989-96	
D 0826 LF02; D 0826 LF06; D 0826 LF08	169	230
Solenoid	73013	
M 90 24.262 FNL,24.262 FNLL,24.262 FVL	1995-96	
D 0826 LF13	191	260
Solenoid	73013	
M 90 24.272 FNL,24.272 FNLL,24.272 FVL	1992-96	
D 0826 LF04	198	269
Solenoid	73013	
M 90 24.272 FNL,24.272 FNLL,24.272 FVL	1992-96	
D 0826 LF04	198	269
Solenoid	73013	
NM NM 152	1990-93	
D 0826 OH02	110	150
Solenoid	73013	
NM NM 182, NM 192	1990-97	
D 0826 LOH 01	130-140	177-190
Solenoid	73013	
NM NM 222, NM 223	1996->	
D 0826 LUH 12; D 0826 LOH 15	162	220
Solenoid	73013	
NM NM 223	1987->	
D 0826 LOH 15	162	220
Solenoid	73013	
SM SM 152	1987-94	
D 0826 OH02	110-114	150-155
Solenoid	73013	
SM SM 182,SM 192	1987-95	
D 0826 LOH 01	130-140	177-190
Solenoid	73013	

MERCEDES-BENZ		
Clase A (W169) A 160 CDI	2004-12	
OM 640.942	60	82
DW-TL OM 640.942	56031	
Clase A (W169) A 180 CDI	2004-12	
OM 640.940	80	109
DW-TL OM 640.940	56031	
Clase A (W169) A 200 CDI	2004-12	
OM 640.941	103	140
DW-TL OM 640.941	56031	
Clase A (W169) A 200 CDI	2004-12	
OM 640.941	100	136
DW-TL OM 640.941	56031	
Clase C (W204) C 180 CDI	2011-14	
OM 651.913	88	120
DW-TL OM 651.913	56041	
Clase C (W204) C 220 CDI	2008-14	
OM 651.911	125	170
DW-TL OM 651.911	56041	
Clase C (W204) C 220 CDI	2008-14	
OM 651.911	120	163
DW-TL OM 651.911	56041	
Clase C (W204) C 250 CDI	2008-14	
OM 651.911	150	204
DW-TL OM 651.911	56041	

MERCEDES-BENZ Cont.		
Clase C (W204) C 250 CDI 4-matic	2011-14	
OM 651.912	150	204
DW-TL OM 651.912	56041	
Clase C Coupe (C204) C 220 CDI	2011->	
OM 651.911	125	170
DW-TL OM 651.911	56041	
Clase C Coupe (C204) C 250 CDI	2011->	
OM 651.911	150	204
DW-TL OM 651.911	56041	
Clase C T-Model (S204) C 180 CDI	2011-14	
OM 651.913	88	120
DW-TL OM 651.913	56041	
Clase C T-Model (S204) C 220 CDI	2008-14	
OM 651.911	125	170
DW-TL OM 651.911	56041	
Clase C T-Model (S204) C 250 CDI	2009-14	
OM 651.911	150	204
DW-TL OM 651.911	56041	
Clase C T-Model (S204) C 250 CDI 4-matic	2010-14	
OM 651.912	150	204
DW-TL OM 651.912	56041	
Clase E (W211) E 220 CDI	2002-08	
OM 646.961	110	150
DW-TL 646.961	56031	
Clase E (W211) E 220 CDI	2002-08	
OM 646.961	100	136
DW-TL 646.961	56031	
Clase E (W212) E 200 CDI / BlueTEC	2009->	
OM 651.925	100	136
DW-TL OM 651.925	56041	
Clase E (W212) E 220 CDI	2009->	
OM 651.924	120	163
DW-TL OM 651.924	56041	
Clase E (W212) E 220 CDI / BlueTEC	2009->	
OM 651.924	125	170
DW-TL OM 651.924	56041	
Clase E (W212) E 250 CDI / BlueTEC	2009->	
OM 651.924	150	204
DW-TL OM 651.924	56041	
Clase E (W212) E 250 CDI / BlueTEC 4-matic	2009->	
OM 651.924	150	204
DW-TL OM 651.924	56041	
Clase E (W212) E 300 Hybrid / BlueTEC Hybrid	2011->	
OM 651.924	150	204
DW-TL OM 651.924	56041	
Clase E Cabriolet (A207) E 220 CDI / BlueTEC	2010->	
OM 651.911	125	170
DW-TL OM 651.911	56041	
Clase E Cabriolet (A207) E 250 CDI / BlueTEC	2010->	
OM 651.911	150	204
DW-TL OM 651.911	56041	
Clase E Coupe (C207) E 220 CDI	2014->	
OM 651.911	120	163
DW-TL OM 651.911	56041	
Clase E Coupe (C207) E 220 CDI	2010->	
OM 651.911	125	170
DW-TL OM 651.911	56041	
Clase E Coupe (C207) E 250 CDI	2009->	
OM 651.911	150	204
DW-TL OM 651.911	56041	
Clase E T-Model (S211) E 220 CDI	2003-09	
OM 646.961	100	136
DW-TL 646.961	56031	
Clase E T-Model (S211) E 220 T CDI	2003-09	
OM 646.961	110	150
DW-TL 646.961	56031	
Clase E T-Model (S212) E 200 CDI / BlueTEC	2009->	
OM 651.925	100	136
DW-TL OM 651.925	56041	
Clase E T-Model (S212) E 220 CDI / BlueTEC	2009->	
OM 651.924	125	170
DW-TL OM 651.924	56041	
Clase E T-Model (S212) E 250 CDI / BlueTEC	2009->	
OM 651.924	150	204
DW-TL OM 651.924	56041	
Clase E T-Model (S212) E 250 CDI / BlueTEC 4-matic	2010->	
OM 651.924	150	204
DW-TL OM 651.924	56041	



MERCEDES-BENZ Cont.		
Clase E T-Model (S212) E 300 Hybrid / BlueTEC Hybrid	2011->	
OM 651.924	150	204
DW-TL OM 651.924		56041
Clase GLK (X204) 200 CDI	2010-15	
OM 651.916/OM 651.913	105	143
DW-TL OM 651.913		56041
Clase GLK (X204) 220 CDI	2008-15	
OM 651.916	125	170
DW-TL OM 651.916		56041
Clase GLK (X204) 220 CDI 4-matic	2008-15	
OM 651.912	125	170
DW-TL OM 651.912		56041
Clase GLK (X204) 250 CDI 4-matic	2009-15	
OM 651.912	150	204
DW-TL OM 651.912		56041
Clase M (W166) ML 250 CDI / BlueTEC 4-matic	2011->	
OM 651.960	150	204
DW-TL OM 651.960		56041
Clase S (W140) S 300 Turbo-D	1996-98	
OM 606.961	130	177
DW-TL Ch.70-T-200 001->		56005
Clase S (W221) S 250 CDI	2011-13	
OM 651.961	150	204
DW-TL OM 651.961		56041
CLK (C209) 220 CDI	2005-09	
OM 646.966	110	150
DW-TL 646.966		56031
CLK (C209) 220 CDI	2005-09	
OM 646.966	100	136
DW-TL 646.966		56031
CLS (C218) CLS 250 CDI / BlueTEC	2011->	
OM 651.924	150	204
DW-TL OM 651.924		56041
SLK (R172) 250 CDI	2012->	
OM 651.980	150	204
DW-TL OM 651.980		56041
Sprinter 3,5-T Bus (906) 310 CDI	2009-13	
OM 651.956/OM 651.955	70	95
DW-TL OM 651.955		56041
Sprinter 3,5-T Bus (906) 313 CDI	2011-16	
OM 651.956/OM 651.955	95	129
DW-TL OM 651.955		56041
Sprinter 3,5-T Bus (906) 313 CDI 4x4	2011-16	
OM 651.956/OM 651.955	95	129
DW-TL OM 651.955		56041
Sprinter 3,5-T Bus (906) 316 CDI	2011->	
OM 651.955/OM 651.957	120	163
DW-TL OM 651.957		56041
Sprinter 3,5-T Bus (906) 316 CDI 4x4	2011->	
OM 651.955/OM 651.957	120	163
DW-TL OM 651.957		56041
Sprinter 3,5-T Chassis (906) 310 CDI	2009-16	
OM 651.955	70	95
DW-TL OM 651.955		56041
Sprinter 3,5-T Chassis (906) 313 CDI	2006-16	
OM 651.956/OM 651.955	95	129
DW-TL OM 651.955		56041
Sprinter 3,5-T Chassis (906) 313 CDI 4x4	2006-16	
OM 651.956/OM 651.955	95	129
DW-TL OM 651.955		56041
Sprinter 3,5-T Chassis (906) 316 CDI	2009->	
OM 651.955/OM 651.957	120	163
DW-TL OM 651.957		56041
Sprinter 3,5-T Chassis (906) 316 CDI 4x4	2009->	
OM 651.955/OM 651.957	120	163
DW-TL OM 651.957		56041
Sprinter 3,5-T Van (906) 310 CDI	2009->	
OM 651.955	70	95
DW-TL 30940		56041
Sprinter 3,5-T Van (906) 313 CDI	2009->	
OM 651.956/OM 651.955	95	129
DW-TL OM 651.955		56041
Sprinter 3,5-T Van (906) 313 CDI 4x4	2009->	
OM 651.956/OM 651.955	95	129
DW-TL OM 651.955		56041
Sprinter 3,5-T Van (906) 316 CDI	2009->	
OM 651.955/OM 651.957	120	163
DW-TL OM 651.957		56041

MERCEDES-BENZ Cont.		
Sprinter 3,5-T Van (906) 316 CDI 4x4	2009->	
OM 651.955/OM 651.957	120	163
DW-TL OM 651.957		56041
Sprinter 3-T Bus (906) 210 CDI	2009-13	
OM 651.955	70	95
DW-TL OM 651.955		56041
Sprinter 3-T Bus (906) 213 CDI	2006-16	
OM 651.956/OM 651.955	95	129
DW-TL OM 651.956		56041
Sprinter 3-T Bus (906) 216 CDI	2006->	
OM 651.955/OM 651.957	120	163
DW-TL OM 651.957		56041
Sprinter 3-T Chassis (906) 210 CDI	2009-16	
OM 651.955	70	95
DW-TL OM 651.955		56041
Sprinter 3-T Chassis (906) 213 CDI	2009-16	
OM 651.956	95	129
DW-TL OM 651.956		56041
Sprinter 3-T Chassis (906) 216 CDI	2009->	
OM 651.957	120	163
DW-TL OM 651.957		56041
Sprinter 3-T Van (906) 210 CDI	2009->	
OM 651.955	70	95
DW-TL OM 651.955		56041
Sprinter 3-T Van (906) 213 CDI	2006->	
OM 651.956/OM 651.955	95	129
DW-TL OM 651.956		56041
Sprinter 3-T Van (906) 216 CDI	2009->	
OM 651.955/OM 651.957	120	163
DW-TL OM 651.957		56041
Sprinter 4,6-T Chassis (906) 416 CDI	2009->	
OM 651.957	120	163
DW-TL OM 651.957		56041
Sprinter 4,6-T Van (906) 416 CDI	2009->	
OM 651.957	120	163
DW-TL OM 651.957		56041
Sprinter 5-T Chassis (906) 509 CDI	2006-09	
OM 646.984	65	88
DW-TL		56031
Sprinter 5-T Chassis (906) 510 CDI	2009->	
OM 651.955	70	95
DW-TL OM 651.955		56041
Sprinter 5-T Chassis (906) 511 CDI	2006-09	
OM 646.985	80	109
DW-TL		56031
Sprinter 5-T Chassis (906) 511 CDI 4x4	2006-09	
OM 646.985	80	109
DW-TL		56031
Sprinter 5-T Chassis (906) 515 CDI	2006-09	
OM 646.990/OM 646.989	110	150
DW-TL		56031
Sprinter 5-T Chassis (906) 515 CDI 4x4	2006-09	
OM 646.990/OM 646.989	110	150
DW-TL		56031
Sprinter 5-T Chassis (906) 516 CDI	2009->	
OM 651.955/OM 651.957	120	163
DW-TL OM 651.957		56041
Sprinter 5-T Chassis (906) 516 CDI 4x4	2011->	
OM 651.955/OM 651.957	120	163
DW-TL OM 651.957		56041
Sprinter 5-T Chassis (906) 518 CDI	2006-09	
OM 642.992/OM 642.993/OM 642.896	135	184
DW-TL		56031
Sprinter 5-T Chassis (906) 518 CDI 4x4	2006-09	
OM 642.992/OM 642.993/OM 642.896	135	184
DW-TL		56031
Sprinter 5-T Van (906) 509 CDI	2006-09	
OM 646.984	65	88
DW-TL		56031
Sprinter 5-T Van (906) 510 CDI	2009-16	
OM 651.955	70	95
DW-TL OM 651.955		56041
Sprinter 5-T Van (906) 511 CDI	2006-09	
OM 646.985	80	109
DW-TL		56031
Sprinter 5-T Van (906) 511 CDI 4x4	2006-09	
OM 646.985	80	109
DW-TL		56031



MERCEDES-BENZ Cont.		
Sprinter 5-T Van (906) 515 CDI	2006-09	
OM 646.990/OM 646.986/OM 646.989	110	150
DW-TL	56031	
Sprinter 5-T Van (906) 515 CDI 4x4	2006-09	
OM 646.990/OM 646.989	110	150
DW-TL	56031	
Sprinter 5-T Van (906) 516 CDI	2009->	
OM 651.955/OM 651.957	120	163
DW-TL OM 651.957	56041	
Sprinter 5-T Van (906) 516 CDI 4x4	2006->	
OM 651.955/OM 651.957	120	163
DW-TL OM 651.957	56041	
Sprinter 5-T Van (906) 518 CDI	2006-09	
OM 642.992/OM 642.993/OM 642.896	135	184
DW-TL	56031	
Sprinter 5-T Van (906) 518 CDI 4x4	2006-09	
OM 642.992/OM 642.993/OM 642.896	135	184
DW-TL	56031	
Viano (W639) CDI 2.0	2003->	
OM 646.982	80	109
DW-TL 646.982	56031	
Viano (W639) CDI 2.0	2005->	
OM 646.982	85	116
DW-AGR 646.982	56031	
Viano (W639) CDI 2.0 4-matic	2005->	
OM 646.982	80	109
DW-TL 646.982	56031	
Viano (W639) CDI 2.2	2003->	
OM 646.980/OM 646.982	110	150
DW-AGR 646.982	56031	
Viano (W639) CDI 2.2 4-matic	2005->	
OM 646.982	110	150
DW-TL 646.982	56031	
Vito / Mixto Van (W639) 109 CDI	2003->	
OM 646.983	65	88
DW-AGR 646.983	56031	
Vito / Mixto Van (W639) 111 CDI	2003->	
OM 646.982	80	109
DW-AGR 646.982	56031	
Vito / Mixto Van (W639) 111 CDI	2007->	
OM 646.980/OM 646.982	85	116
DW-TL 646.982	56031	
Vito / Mixto Van (W639) 111 CDI 4x4	2007->	
OM 646.982	80	109
DW-AGR 646.982	56031	
Vito / Mixto Van (W639) 115 CDI	2003->	
OM 646.980/OM 646.982	110	150
DW-AGR 646.982	56031	
Vito / Mixto Van (W639) 115 CDI 4x4	2006->	
OM 646.982	110	150
DW-TL 646.982	56031	
Vito Bus (W639) 109 CDI	2003->	
OM 646.983	65	88
DW-AGR 646.983	56031	
Vito Bus (W639) 111 CDI	2003->	
OM 646.982	80	109
DW-TL 646.982	56031	
Vito Bus (W639) 111 CDI 4x4	2007->	
OM 646.982	80	109
DW-AGR 646.982	56031	
Vito Bus (W639) 115 CDI	2003->	
OM 646.980/OM 646.982	110	150
DW-TL 646.982	56031	
Vito Bus (W639) 115 CDI 4x4	2007->	
OM 646.982	110	150
DW-TL 646.982	56031	

MINI		
Mini (R56) Cooper S	2012-13	
N18 B16 A	147	200
DW-TL N18 B16 A	56042	
Mini (R56) Cooper S	2006-11	
N14 B16 A	128	174
DW-TL N14 B16 A	56042	
Mini (R56) Cooper S	2010-13	
N18 B16 A	135	184
DW-TL N18 B16 A	56042	

MINI Cont.		
Mini (R56) Cooper S	2010-13	
N18 B16 A	120	163
DW-TL N18 B16 A	56042	
Mini (R56) John Cooper Works	2007-13	
N14 B16 C/N18 B16 C	155	211
DW-TL	56042	
Mini Cabriolet (R57) Cooper S	2007-10	
N14 B16 A	128	174
DW-TL N14 B16 A	56042	
Mini Cabriolet (R57) Cooper S	2009-15	
N18 B16 A	135	184
DW-TL N18 B16 A	56042	
Mini Cabriolet (R57) Cooper S	2009-15	
N18 B16 A	147	200
DW-TL N18 B16 A	56042	
Mini Cabriolet (R57) John Cooper Works	2008-15	
N14 B16 C/N18 B16 C	155	211
DW-TL N14 B16 C	56042	
Mini Clubman (R55) Cooper S	2007-10	
N14 B16 A	128	174
DW-TL N14 B16 A	56042	
Mini Clubman (R55) Cooper S	2010-14	
N18 B16 A	135	184
DW-TL N18 B16 A	56042	
Mini Clubman (R55) Cooper S	2010-14	
N18 B16 A	147	200
DW-TL N18 B16 A	56042	
Mini Clubman (R55) John Cooper Works	2007-14	
N14 B16 C/N18 B16 C	155	211
DW-TL	56042	
Mini Countryman (R60) Cooper S	2010-16	
N18 B16 A	140	190
DW-TL N18 B16 A	56042	
Mini Countryman (R60) Cooper S	2010-16	
N18 B16 A	135	184
DW-TL N18 B16 A	56042	
Mini Countryman (R60) Cooper S	2010-16	
N18 B16 A	147	200
DW-TL N18 B16 A	56042	
Mini Countryman (R60) Cooper S ALL4	2010-16	
N18 B16 A	140	190
DW-TL N18 B16 A	56042	
Mini Countryman (R60) Cooper S ALL4	2010-16	
N14 B16 A/N18 B16 A	135	184
DW-TL N18 B16 A	56042	
Mini Countryman (R60) Cooper S ALL4	2010-16	
N18 B16 A	120	163
DW-TL N18 B16 A	56042	
Mini Countryman (R60) Cooper S JCW	2011-16	
N18 B16 A	160	218
DW-TL N18 B16 A	56042	
Mini Coupe (R58) Cooper S	2010-15	
N14 B16 A/N18 B16 A	135	184
DW-TL N18 B16 A	56042	
Mini Coupe (R58) Cooper S	2010-15	
N18 B16 A	120	163
DW-TL N18 B16 A	56042	
Mini Coupe (R58) Cooper S	2010-15	
N18 B16 A	147	200
DW-TL N18 B16 A	56042	
Mini Coupe (R58) John Cooper Works	2010-15	
N14 B16 C/N18 B16 C	155	211
DW-TL	56042	
Mini Paceman (R61) Cooper S	2012-16	
N18 B16 A	140	190
DW-TL N18 B16 A	56042	
Mini Paceman (R61) Cooper S	2012-16	
N18 B16 A	135	184
DW-TL N18 B16 A	56042	
Mini Paceman (R61) Cooper S ALL4	2012-16	
N18 B16 A	140	190
DW-TL N18 B16 A	56042	
Mini Paceman (R61) Cooper S ALL4	2012-16	
N18 B16 A	135	184
DW-TL N18 B16 A	56042	
Mini Paceman (R61) John Cooper Works	2012-16	
N18 B16 C	160	218
DW-TL N18 B16 C	56042	



MINI Cont.		
Mini Roadster (R59) Cooper S	2011-15	
N18 B16 A	135	184
DW-TL N18 B16 A		56042
Mini Roadster (R59) Cooper S	2011-15	
N18 B16 A	147	200
DW-TL N18 B16 A		56042
Mini Roadster (R59) Cooper S	2011-15	
N18 B16 A	120	163
DW-TL N18 B16 A		56042
Mini Roadster (R59) John Cooper Works	2011-15	
N14 B16 C/N18 B16 C	155	211
DW-TL		56042

MITSUBISHI		
Carisma (DA) 1.9 TD	1996-00	
F8QT	66	90
Solenoid With cable		73015
Carisma Sedan (DA) 1.9 TD	1996-00	
F8QT	66	90
Solenoid With cable		73015

NEOPLAN		
Jetliner N 208	1992->	
D 0826 LOH 02	140	190
Solenoid		73013
Sportliner N 208	1990->	
D 0826 LOH 15	162	220
Solenoid		73013

NISSAN		
Almera II (N16) 1.5 dCi	2003->	
K9K 722	60	82
DW-TL		56012
Almera II Hatchback (N16) 1.5 dCi	2003->	
K9K 722	60	82
DW-TL		56012
Interstar Bus (X70) dCi 80	2002->	
F9Q 772	60	82
DW-AGR		56024
Interstar Van (X70) dCi 80	2002->	
F9Q 772	60	82
DW-AGR		56024
Kubistar (X76) 1.5 dCi	2003-09	
K9K 722	60	82
DW-TL		56012
Kubistar (X76) 1.5 dCi 85	2006-09	
K9K 276	62	85
DW-TL		56012
Kubistar Van (X80) 1.5 dCi	2003->	
K9K 722	60	82
DW-TL		56012
Micra III (K12) 1.5 dCi	2003-10	
K9K 722	60	82
DW-TL		56012
Note (E11) 1.5 dCi	2006-12	
K9K 276	63	86
DW-TL		56012
Note (E11) 1.5 dCi	2008-12	
K9K 292	76	103
DW-TL		56012
Primastar Bus (X83) dCi 140	2003->	
G9U 730	99	135
DW-AGR		56024
Primastar Bus (X83) dCi 80	2001->	
F9Q 762	60	80
DW-AGR		56024
Primastar Bus (X83) dCi 90	2006->	
M9R 782	66	90
DW-AGR		56024
Primastar Van (X83) dCi 140	2003->	
G9U 730	99	135
DW-AGR		56024
Primastar Van (X83) dCi 80	2002->	
F9Q 762	60	82
DW-AGR		56024

NISSAN Cont.		
Primastar Van (X83) dCi 90	2006->	
M9R 782	66	90
DW-AGR		56024
Qashqai / Qashqai +2 (J10, JJ10) 2.0 dCi	2007-13	
M1D/M9R	110	150
DW-TL M9R		56012
Qashqai / Qashqai +2 (J10, JJ10) 2.0 dCi 4WD	2007-13	
M1D/M9R	110	150
DW-TL M9R		56012
Tiida Fastback (C11X) 1.5 dCi	2007-11	
K9K 278	78	106
DW-TL		56012
Tiida Sedan (Sc11X) 1.5 dCi	2007-12	
K9K	78	106
DW-TL		56012

OPEL		
Antara 2.2 CDTi	2010->	
A 22 DM	120	163
EUV-AGR Switch Valve; Electric		56029
Antara 2.2 CDTi 4x4	2010->	
A 22 DM	120	163
EUV-AGR Switch Valve; Electric		56029
Antara 2.2 CDTi 4x4	2010->	
A 22 DMH	135	184
EUV-AGR Switch Valve; Electric		56029
Arena Combi (THB) 1.9 D	1998-01	
F8Q 606/F8Q 600	44	60
LDRV Switch Valve; Electric		56035
Arena Combi (THB) 2.5 D	1998-01	
S8U 780/S8U 782/S8U 758	55	75
EUV-AGR Switch Valve; Electric		56035
Arena Van (TB, TF) 1.9 D	1998-01	
F8Q 606/F8Q 600	44	60
LDRV Switch Valve; Electric		56035
Arena Van (TB, TF) 2.5 D	1998-01	
S8U 780/S8U 782/S8U 758	55	75
EUV-AGR Switch Valve; Electric		56035
Astra F (56, 57) 1.7 D	1992-92	
17 D	42	57
Solenoid		73010
Astra F (56, 57) 1.7 D	1992-98	
17 DR	44	60
Solenoid		73010
Astra F Caravan (51, 52) 1.7 D	1991-92	
17 D	42	57
Solenoid		73010
Astra F Caravan (51, 52) 1.7 D	1992-98	
17 DR	44	60
Solenoid		73010
Astra F CC (53, 54, 58, 59) 1.7 D	1991-92	
17 D	42	57
Solenoid		73010
Astra F CC (53, 54, 58, 59) 1.7 D	1992-98	
17 DR	44	60
Solenoid		73010
Astra F Van (55) 1.7 D	1992-99	
17 DR	44	60
Solenoid		73010
Astra F Van (55) 1.7 D	1991-92	
17 D	42	57
Solenoid		73010
Astra G Cabriolet (F67) 2.2 DTI	2002-05	
Y 22 DTR	92	125
EUV-AGR Ch.32000001->; Switch Valve; Electric		56045
Astra G Caravan (F35) 1.7 CDTi	2003-09	
Z 17 DTL	59	80
EUV-AGR Switch Valve; Electric		56033
Astra G Caravan (F35) 1.7 DTI 16V	2000-04	
Y 17 DT	55	75
DW-TL		56010
DW-TL		56013
Astra G Caravan (F35) 2.0 DTI 16V	1999-04	
Y 20 DTH/X 20 DTH	74	101
EUV-AGR Y 20 DTH; 3H000001; Switch Valve; Electric		56045
Astra G Caravan (F35) 2.2 DTI	2002-04	
Y 22 DTR	92	125
EUV-AGR Ch.32000001->; Switch Valve; Electric		56045



OPEL Cont.		
Astra G Caravan (F35) 2.2 DTI	2002-04	
Y 22 DTR	86	117
EUV-AGR Ch.32000001->; Switch Valve; Electric	56045	
Astra G CC (F48, F08) 1.7 CDTI	2003-09	
Z 17 DTL	59	80
EUV-AGR Switch Valve; Electric	56033	
Astra G CC (F48, F08) 1.7 DTI 16V	2000-05	
Y 17 DT	55	75
DW-TL	56010	
DW-TL	56013	
Astra G CC (F48, F08) 2.0 DTI 16V	1999-05	
Y 20 DTH/X 20 DTH	74	101
EUV-AGR Y 20 DTH; Ch.3H000001->; Switch Valve; Electric	56045	
Astra G CC (F48, F08) 2.2 DTI	2002-05	
Y 22 DTR	92	125
EUV-AGR Ch.32000001->; Switch Valve; Electric	56045	
Astra G Coupe (F07) 2.2 DTI	2002-05	
Y 22 DTR	92	125
EUV-AGR Ch.32000001->; Switch Valve; Electric	56045	
Astra G Sedan (F69) 1.7 CDTI	2003-09	
Z 17 DTL	59	80
EUV-AGR Switch Valve; Electric	56033	
Astra G Sedan (F69) 1.7 DTI 16V	2000-05	
Y 17 DT	55	75
DW-TL	56010	
DW-TL	56013	
Astra G Sedan (F69) 2.0 DTI 16V	1999-05	
Y 20 DTH/X 20 DTH	74	101
EUV-AGR Y 20 DTH; Ch.3H000001->; Switch Valve; Electric	56045	
Astra G Sedan (F69) 2.2 DTI	2002-05	
Y 22 DTR	92	125
EUV-AGR Ch.32000001->; Switch Valve; Electric	56045	
Astra G Sedan (F69) 2.2 DTI	2002-05	
Y 22 DTR	86	117
EUV-AGR Ch.32000001->; Switch Valve; Electric	56045	
Astra G Van (F70) 1.7 DTI 16V	2000-05	
Y 17 DT	55	75
DW-TL	56013	
Astra GTC J 1.7 CDTI	2011->	
A 17 DTJ/A 17 DTC/A 17 DTE	81	110
LDRV A 17 DTJ; Switch Valve; Electric	56033	
Astra GTC J 2.0 BiTurbo CDTI	2012->	
A 20 DTR	143	194
DW-TL	56013	
Astra GTC J 2.0 CDTI	2011->	
A 20 DTH	121	165
DW-TL	56013	
Astra H (L48) 1.3 CDTI	2005-10	
Z 13 DTH	66	90
DW-TL ->Ch.9B999999,A2-5-8-AG	56013	
Astra H (L48) 1.7 CDTI	2004-10	
Z 17 DTL	59	80
DW-TL	56013	
LDRV Switch Valve; Electric	56033	
Astra H (L48) 1.7 CDTI	2004-10	
Z 17 DTH	74	100
DW-TL	56013	
LDRV Switch Valve; Electric	56033	
Astra H (L48) 1.7 CDTI	2007-14	
A 17 DTJ/Z 17 DTJ	81	110
DW-TL	56010	
LDRV Switch Valve; Electric	56033	
Astra H (L48) 1.7 CDTI	2007-14	
A 17 DTR/Z 17 DTR	92	125
DW-TL Z17DTR, A 17DTR	56010	
LDRV Switch Valve; Electric	56033	
Astra H (L48) 1.9 CDTI	2004-10	
Z 19 DTH	110	150
DW-TL	56013	
Astra H (L48) 1.9 CDTI	2004-10	
Z 19 DT	88	120
DW-TL	56013	
Astra H (L48) 1.9 CDTI	2005-10	
Z 19 DTL	74	100
DW-TL	56013	
Astra H (L48) 1.9 CDTI 16V	2004-10	
Z 19 DTJ	88	120
DW-TL	56013	

OPEL Cont.		
Astra H Caravan (L35) 1.3 CDTI	2005-10	
Z 13 DTH	66	90
DW-TL ->Ch.9B999999, A2-5-8,AG	56013	
Astra H Caravan (L35) 1.7 CDTI	2004-10	
Z 17 DTL	59	80
DW-TL	56013	
LDRV Switch Valve; Electric	56033	
Astra H Caravan (L35) 1.7 CDTI	2004-10	
Z 17 DTH	74	101
DW-TL	56013	
LDRV Switch Valve; Electric	56033	
Astra H Caravan (L35) 1.7 CDTI	2007-14	
A 17 DTJ/Z 17 DTJ	81	110
DW-TL	56010	
LDRV Switch Valve; Electric	56033	
Astra H Caravan (L35) 1.7 CDTI	2007-14	
A 17 DTR/Z 17 DTR	92	125
DW-TL	56010	
LDRV Switch Valve; Electric	56033	
Astra H Caravan (L35) 1.9 CDTI	2004-10	
Z 19 DTH	110	150
DW-TL	56013	
Astra H Caravan (L35) 1.9 CDTI	2005-10	
Z 19 DT	88	120
DW-TL	56013	
Astra H Caravan (L35) 1.9 CDTI	2005-10	
Z 19 DTL	74	100
DW-TL	56013	
Astra H Caravan (L35) 1.9 CDTI 16V	2004-10	
Z 19 DTJ	88	120
DW-TL	56013	
Astra H GTC (L08) 1.3 CDTI	2005-10	
Z 13 DTH	66	90
DW-TL ->Ch.9B999999, A2-5-8,AG	56013	
Astra H GTC (L08) 1.7 CDTi	2005-10	
Z 17 DTH	74	101
DW-TL	56013	
LDRV Switch Valve; Electric	56033	
Astra H GTC (L08) 1.7 CDTI	2007-10	
A 17 DTJ	81	110
DW-TL	56010	
LDRV Switch Valve; Electric	56033	
Astra H GTC (L08) 1.7 CDTI	2007-10	
A 17 DTR	92	125
DW-TL	56010	
LDRV Switch Valve; Electric	56033	
Astra H GTC (L08) 1.7 CDTI	2005-10	
Z 17 DTL	59	80
DW-TL	56013	
LDRV Switch Valve; Electric	56033	
Astra H GTC (L08) 1.9 CDTI	2005-10	
Z 19 DTH	110	150
DW-TL	56013	
Astra H GTC (L08) 1.9 CDTI	2006-10	
Z 19 DTL	74	101
DW-TL	56013	
Astra H Sedan (L69) 1.3 CDTi	2007-10	
Z 13 DTH	66	90
DW-TL ->Ch.9B999999, A-2-5-8, AG	56013	
Astra H Sedan (L69) 1.7 CDTi	2007-14	
Z 17 DTJ	81	110
LDRV Switch Valve; Electric	56033	
Astra H Sedan (L69) 1.7 CDTI	2007-14	
A 17 DTR/Z 17 DTR	92	125
LDRV Switch Valve; Electric	56033	
Astra H Twintop (L67) 1.9 CDTi	2005-10	
Z 19 DTH	110	150
DW-TL	56013	
Astra H Van (L70) 1.3 CDTI	2005-10	
Z 13 DTH	66	90
DW-TL Ch.A2,A5,A8,AG->	56013	
Astra H Van (L70) 1.7 CDTI	2004-10	
Z 17 DTH	74	101
DW-TL	56013	
LDRV Switch Valve; Electric	56033	
Astra H Van (L70) 1.7 CDTI	2007-10	
A 17 DTJ/Z 17 DTJ	81	110
LDRV Switch Valve; Electric	56033	



OPEL Cont.		
Astra H Van (L70) 1.7 CDTI	2007-10	
A 17 DTR/Z 17 DTR	92	125
LDRV Switch Valve; Electric		56033
Astra H Van (L70) 1.9 CDTI	2004-10	
Z 19 DTH	110	150
DW-TL		56013
Astra H Van (L70) 1.9 CDTI	2005-10	
Z 19 DT	88	120
DW-TL		56013
Astra H Van (L70) 1.9 CDTI 16V	2004-10	
Z 19 DTJ	88	120
DW-TL		56013
Astra J 1.7 CDTI	2009->	
A 17 DTJ/A 17 DTC/A 17 DTE	81	110
DW-TL		56010
LDRV A 17 DTJ; Switch Valve; Electric		56033
Astra J 1.7 CDTI	2009->	
A 17 DTR	92	125
DW-TL		56010
LDRV Switch Valve; Electric		56033
Astra J 2.0 BiTurbo CDTI	2012->	
A 20 DTR	143	194
DW-TL		56013
Astra J 2.0 CDTI	2011->	
A 20 DTH	121	165
DW-TL		56013
Astra J 2.0 CDTI	2009->	
A 20 DTH	118	160
DW-TL		56013
Astra J Sedan 1.7 CDTI	2012->	
A 17 DTJ/A 17 DTC/A 17 DTE	81	110
DW-TL A17DTJ		56010
LDRV A 17 DTJ; Switch Valve; Electric		56033
Astra J Sports Tourer 1.7 CDTI	2010->	
A 17 DTR	92	125
DW-TL		56010
LDRV A 17 DTJ; Switch Valve; Electric		56033
Astra J Sports Tourer 1.7 CDTI	2010->	
A 17 DTJ/A 17 DTC/A 17 DTE	81	110
DW-TL A17DTJ		56010
LDRV A 17 DTJ; Switch Valve; Electric		56033
Astra J Sports Tourer 2.0 BiTurbo CDTI	2012->	
A 20 DTR	143	194
DW-TL		56013
Astra J Sports Tourer 2.0 CDTI	2010->	
A 20 DTH	118	160
DW-TL		56013
Astra J Sports Tourer 2.0 CDTI	2011->	
A 20 DTH	121	165
DW-TL		56013
Cascada (W13) 2.0 CDTI	2013->	
A 20 DTH	121	165
DW-TL		56013
Cascada (W13) 2.0 CDTI	2013->	
A 20 DTR	143	194
DW-TL		56013
Corsa B (73, 78, 79) 1.7 D	1996-00	
17 D (4EE1)/X 17 D (4EE1)	44	60
EUV-AGR X 17 D (4EE1); Switch Valve; Electric		56045
Corsa B Van (73) 1.7 D	1999-00	
17 D (4EE1)/X 17 D (4EE1)	44	60
EUV-AGR X 17 D (4EE1); Switch Valve; Electric		56045
Corsa C (F08, F68) 1.7 CDTI	2003-09	
Z 17 DTH	74	100
DW-TL		56013
EUV-AGR Switch Valve; Electric		56033
Corsa C (F08, F68) 1.7 DI	2000-09	
Y 17 DTL	48	65
DW-TL		56010
DW-TL		56013
Corsa C (F08, F68) 1.7 DTI	2000-09	
Y 17 DT	55	75
DW-TL		56010
DW-TL		56013
Corsa C Van (F08, W5L) 1.7 CDTI	2003->	
Z 17 DTH	74	101
DW-TL		56013
EUV-AGR Switch Valve; Electric		56033

OPEL Cont.		
Corsa C Van (F08, W5L) 1.7 DI 16V	2000->	
Y 17 DTL	48	65
DW-TL		56010
DW-TL		56013
Corsa C Van (F08, W5L) 1.7 DTI 16V	2000->	
Y 17 DT	55	75
DW-TL		56010
DW-TL		56013
Corsa D 1.3 CDTI	2006->	
A 13 DTC/Z 13 DTJ	55	75
DW-TL Z13DTJ		56013
DW-TL A 13 DTC		56043
Corsa D 1.3 CDTI	2006->	
Z 13 DTH	66	90
DW-TL		56013
Corsa D 1.3 CDTI	2010->	
A 13 DTR/Z 13 DTE/A 13 DTE	70	95
DW-TL		56043
Corsa D 1.7 CDTI	2006->	
Z 17 DTR	92	125
DW-TL		56010
LDRV Switch Valve; Electric		56033
Corsa D 1.7 CDTI	2010->	
A 17 DTS	96	130
LDRV Switch Valve; Electric		56033
Corsa D Van 1.3 CDTI	2006->	
A 13 DTC/Z 13 DTJ	55	75
DW-TL Z 13 DTJ; With DPF		56013
DW-TL A 13 DTC		56043
Corsa D Van 1.3 CDTI	2006->	
Z 13 DTH	66	90
DW-TL		56013
Corsa D Van 1.3 CDTI	2010->	
A 13 DTR/Z 13 DTE/A 13 DTE	70	95
DW-TL		56043
Insignia 2.0 Biturbo CDTI	2012->	
A 20 DTR	143	195
DW-TL A 20 DTR		56043
Insignia 2.0 Biturbo CDTI	2008->	
A 20 DTR	140	190
DW-TL		56013
DW-TL A 20 DTR		56043
Insignia 2.0 Biturbo CDTI 4x4	2012->	
A 20 DTR	143	195
DW-TL		56013
DW-TL A 20 DTR		56043
Insignia 2.0 Biturbo CDTI 4x4	2009->	
A 20 DTR	140	190
DW-TL		56013
DW-TL A 20 DTR		56043
Insignia 2.0 CDTI	2013->	
A 20 DTH	120	163
DW-TL		56013
Insignia 2.0 CDTI	2008->	
A 20 DTL/A 20 DTC	81	110
DW-TL		56013
Insignia 2.0 CDTI	2008->	
A 20 DTJ/A 20 DT	96	131
DW-TL		56013
Insignia 2.0 CDTI	2008->	
A 20 DTH	118	160
DW-TL		56013
Insignia 2.0 CDTI 4x4	2013->	
A 20 DTH	120	163
DW-TL		56013
Insignia 2.0 CDTI 4x4	2010->	
A 20 DTH	118	160
DW-TL		56013
Insignia Caravan 2.0 Biturbo CDTI	2012->	
A 20 DTR	143	195
DW-TL		56013
DW-TL A 20 DTR		56043
Insignia Caravan 2.0 Biturbo CDTI	2008->	
A 20 DTR	140	190
DW-TL		56013
DW-TL A 20 DTR		56043



OPEL Cont.		
Insignia Caravan 2.0 Biturbo CDTI 4x4	2012->	
A 20 DTR	143	195
DW-TL		56013
DW-TL A 20 DTR		56043
Insignia Caravan 2.0 Biturbo CDTI 4x4	2008->	
A 20 DTR	140	190
DW-TL		56013
DW-TL A 20 DTR		56043
Insignia Caravan 2.0 CDTI	2013->	
A 20 DTH	120	163
DW-TL		56013
Insignia Caravan 2.0 CDTI	2008->	
A 20 DTL/A 20 DTC	81	110
DW-TL		56013
Insignia Caravan 2.0 CDTI	2008->	
A 20 DTJ/A 20 DT	96	131
DW-TL		56013
Insignia Caravan 2.0 CDTI	2008->	
A 20 DTH	118	160
DW-TL		56013
Insignia Caravan 2.0 CDTI 4x4	2013->	
A 20 DTH	120	163
DW-TL		56013
Insignia Caravan 2.0 CDTI 4x4	2010->	
A 20 DTH	118	160
DW-TL		56013
Insignia Sedan 2.0 Biturbo CDTI	2012->	
A 20 DTR	143	195
DW-TL		56013
DW-TL A 20 DTR		56043
Insignia Sedan 2.0 Biturbo CDTI	2008->	
A 20 DTR	140	190
DW-TL		56013
DW-TL A 20 DTR		56043
Insignia Sedan 2.0 Biturbo CDTI 4x4	2012->	
A 20 DTR	143	195
DW-TL		56013
DW-TL A 20 DTR		56043
Insignia Sedan 2.0 Biturbo CDTI 4x4	2008->	
A 20 DTR	140	190
DW-TL		56013
DW-TL A 20 DTR		56043
Insignia Sedan 2.0 CDTI	2013->	
A 20 DTH	120	163
DW-TL		56013
Insignia Sedan 2.0 CDTI	2008->	
A 20 DTL/A 20 DTC	81	110
DW-TL		56013
Insignia Sedan 2.0 CDTI	2008->	
A 20 DTJ/A 20 DT	96	131
DW-TL		56013
Insignia Sedan 2.0 CDTI	2008->	
A 20 DTH	118	160
DW-TL		56013
Insignia Sedan 2.0 CDTI 4x4	2013->	
A 20 DTH	120	163
DW-TL		56013
Insignia Sedan 2.0 CDTI 4x4	2010->	
A 20 DTH	118	160
DW-TL		56013
Kadett E (39, 49) 1.7 D	1989-91	
17 D	42	57
Solenoid		73010
Kadett E CC (33, 34, 43, 44) 1.7 D	1989-91	
17 D	42	57
Solenoid		73010
Meriva 1.3 CDTI	2003-10	
Z 13 DTJ	55	75
DW-TL		56013
Meriva 1.7 CDTI	2003-10	
Z 17 DTH/Z 17 DT	74	100
DW-TL Z17DT		56010
DW-TL Z 17 DTH		56013
EUV-AGR Z 17 DTH; Switch Valve; Electric		56033
LDRV Z 17 DTH; Switch Valve; Electric		56033
Meriva 1.7 CDTI	2006-10	
A 17 DTR/Z 17 DTR	92	125
DW-TL		56010
LDRV Z 17 DTR; Switch Valve; Electric		56033

OPEL Cont.		
Meriva 1.7 DTI	2003-10	
Y 17 DT	55	75
DW-TL		56013
Meriva B 1.3 CDTI	2010->	
A 13 DTC	55	75
DW-TL ->Ch.D4167394		56013
Meriva B 1.3 CDTI	2010->	
A 13 DTE	70	95
DW-TL ->Ch.D4167394		56013
Meriva B 1.7 CDTI	2010->	
A 17 DT	74	100
LDRV Switch Valve; Electric		56033
Meriva B 1.7 CDTI	2010->	
A 17 DTI/A 17 DTC	81	110
EUV-AGR A 17 DTC; Switch Valve; Electric		56033
Meriva B 1.7 CDTI	2010->	
A 17 DTS	96	131
EUV-AGR Switch Valve; Electric		56033
Movano B Bus 2.3 CDTI	2010->	
M9T 670/M9T 672/M9T 676	74	101
EUV-AGR M9T 670; M9T 676; Switch Valve; Electric		56035
Movano B Bus 2.3 CDTI	2010->	
M9T 680/M9T 678	107	146
EUV-AGR M9T 678; M9T 680; Switch Valve; Electric		56035
Movano B Chassis 2.3 CDTI [RWD]	2010->	
M9T 692/M9T 690	74	101
EUV-AGR Switch Valve; Electric		56035
Movano B Chassis 2.3 CDTI [RWD]	2010->	
M9T 696/M9T 698/M9T 692/M9T 876	92	125
EUV-AGR M9T 692; Switch Valve; Electric		56035
Movano B Chassis 2.3 CDTI [RWD]	2010->	
M9T 696/M9T 698/M9T 694	107	146
EUV-AGR Switch Valve; Electric		56035
Movano B Chassis 2.3 CDTI [RWD]	2013->	
M9T 696/M9T 698/M9T 694	110	150
EUV-AGR Switch Valve; Electric		56035
Movano B Chassis 2.3 CDTI FWD	2010->	
M9T 670/M9T 672/M9T 676	74	101
EUV-AGR M9T 670; M9T 676; Switch Valve; Electric		56035
Movano B Chassis 2.3 CDTI FWD	2010->	
M9T 680/M9T 678	107	146
EUV-AGR Switch Valve; Electric		56035
Movano B Van 2.3 CDTI [RWD]	2010->	
M9T 692/M9T 690	74	101
EUV-AGR Switch Valve; Electric		56035
Movano B Van 2.3 CDTI [RWD]	2010->	
M9T 696/M9T 686/M9T 690/M9T 876	92	125
EUV-AGR M9T 690; Switch Valve; Electric		56035
Movano B Van 2.3 CDTI [RWD]	2010->	
M9T 696/M9T 698/M9T 694	107	146
EUV-AGR Switch Valve; Electric		56035
Movano B Van 2.3 CDTI [RWD]	2013->	
M9T 696/M9T 698/M9T 694	110	150
EUV-AGR Switch Valve; Electric		56035
Movano B Van 2.3 CDTI FWD	2010->	
M9T 670/M9T 672/M9T 676	74	101
EUV-AGR M9T 670; M9T 676; Switch Valve; Electric		56035
Movano B Van 2.3 CDTI FWD	2010->	
M9T 680/M9T 678	107	146
EUV-AGR Switch Valve; Electric		56035
Movano Chassis (U9, E9) 2.5 CDTI	2006->	
G9U 650/G9U 632	107	146
DW-TL		56027
EUV-AGR Switch Valve; Electric		56035
Movano Chassis (U9, E9) 2.5 CDTI	2006->	
G9U 650/G9U 632	88	120
DW-TL		56027
EUV-AGR Switch Valve; Electric		56035
Movano Chassis (U9, E9) 2.5 CDTI	2006->	
G9U 650	74	101
DW-TL		56027
EUV-AGR Switch Valve; Electric		56035
Movano Chassis (U9, E9) 2.5 D	1998-00	
S8U 772/S8U 770	59	80
EUV-AGR S8U 772; Switch Valve; Electric		56035
Movano Chassis (U9, E9) 2.8 DTI	1998-01	
S9W 702/S9W 700	84	114
LDRV Switch Valve; Electric		56035



OPEL Cont.		
Movano Combi (J9) 1.9 DTI	2000-01	
F9Q 770	59	80
DW-AGR		56024
Movano Combi (J9) 1.9 DTI	2001->	
F9Q 772/F9Q 774	60	82
DW-AGR		56024
Movano Combi (J9) 2.5 CDTI	2006->	
G9U 650/G9U 632	107	146
DW-TL		56027
EUV-AGR Switch Valve; Electric		56035
Movano Combi (J9) 2.5 CDTI	2006->	
G9U 650/G9U 632	88	120
DW-TL		56027
EUV-AGR Switch Valve; Electric		56035
Movano Combi (J9) 2.5 CDTI	2007->	
G9U 650	74	101
DW-TL		56027
EUV-AGR Switch Valve; Electric		56035
Movano Combi (J9) 2.5 D	1998-00	
S8U 772/S8U 770	59	80
EUV-AGR S8U 772; Switch Valve; Electric		56035
Movano Combi (J9) 2.8 DTI	1998-01	
S9W 702/S9W 700	84	114
LDRV Switch Valve; Electric		56035
Movano Van (F9) 1.9 DTI	2000-01	
F9Q 770	59	80
DW-AGR		56024
Movano Van (F9) 1.9 DTI	2001->	
F9Q 772/F9Q 774	60	82
DW-AGR F9Q 772		56024
Movano Van (F9) 2.5 CDTI	2003->	
G9U 650/G9U 632	107	146
DW-TL		56027
EUV-AGR Switch Valve; Electric		56035
Movano Van (F9) 2.5 CDTI	2003->	
G9U 650/G9U 632	88	120
DW-TL		56027
EUV-AGR Switch Valve; Electric		56035
Movano Van (F9) 2.5 CDTI	2003->	
G9U 650	74	101
DW-TL		56027
EUV-AGR Switch Valve; Electric		56035
Movano Van (F9) 2.5 D	1999-00	
S8U 772/S8U 770	59	80
EUV-AGR S8U 772; Switch Valve; Electric		56035
Movano Van (F9) 2.8 DTI	1999-01	
S9W 702/S9W 700	84	114
LDRV Switch Valve; Electric		56035
Movano Volquete (H9) 2.5 CDTI	2006->	
G9U 650	74	101
DW-TL		56027
EUV-AGR Switch Valve; Electric		56035
Movano Volquete (H9) 2.5 CDTI	2006->	
G9U 650/G9U 632	88	120
DW-TL		56027
EUV-AGR Switch Valve; Electric		56035
Movano Volquete (H9) 2.5 CDTI	2006->	
G9U 650/G9U 632	107	146
DW-TL		56027
EUV-AGR Switch Valve; Electric		56035
Movano Volquete (H9) 2.5 D	1999-00	
S8U 772/S8U 770	59	80
EUV-AGR S8U 772; Switch Valve; Electric		56035
Movano Volquete (H9) 2.8 DTI	1999-01	
S9W 702/S9W 700	84	114
LDRV Switch Valve; Electric		56035
Signum 1.9 CDTI	2004->	
Z 19 DT	88	120
DW-TL Z 19 DT		56043
Signum 1.9 CDTI	2004->	
Z 19 DTH	110	150
DW-TL Z 19 DTH		56043
Signum 2.2 DTI	2003->	
Y 22 DTR	92	125
EUV-AGR Switch Valve; Electric		56045
Signum 2.2 DTI 16V	2003-08	
Y 22 DTR	86	117
EUV-AGR Switch Valve; Electric		56045

OPEL Cont.		
Vectra A (86, 87) 1.7 D	1988-92	
17 D	42	57
Solenoid		73010
Vectra A (86, 87) 1.7 D	1992-95	
17 DR	44	60
Solenoid		73010
Vectra A CC (88, 89) 1.7 D	1988-92	
17 D	42	57
Solenoid		73010
Vectra A CC (88, 89) 1.7 D	1992-95	
17 DR	44	60
Solenoid		73010
Vectra B (36) 1.7 TD	1995-98	
X 17 DT (TC4EE1)	60	82
EUV-AGR Switch Valve; Electric		56045
EUV-LS Electric		56045
Vectra B Caravan (31) 1.7 TD	1996-97	
X 17 DT (TC4EE1)	60	82
EUV-AGR Switch Valve; Electric		56045
EUV-LS Electric		56045
Vectra B CC (38) 1.7 TD	1995-98	
X 17 DT (TC4EE1)	60	82
EUV-AGR Switch Valve; Electric		56045
EUV-LS Electric		56045
Vectra C 1.9 CDTI	2004->	
Z 19 DT	88	120
DW-TL Z 19 DT		56043
Vectra C 1.9 CDTI	2004->	
Z 19 DTH	110	150
DW-TL Z 19 DTH		56043
Vectra C 2.2 DTI 16V	2002->	
Y 22 DTR	92	125
EUV-AGR Switch Valve; Electric		56045
Vectra C 2.2 DTI 16V	2002-04	
Y 22 DTR	86	117
EUV-AGR Switch Valve; Electric		56045
Vectra C Caravan 1.9 CDTI	2004->	
Z 19 DT	88	120
DW-TL Z 19 DT		56043
Vectra C Caravan 1.9 CDTI	2004->	
Z 19 DTH	110	150
DW-TL Z 19 DTH		56043
Vectra C Caravan 1.9 CDTI	2005->	
Z 19 DTL	74	100
DW-TL Z 19 DTL		56043
Vectra C Caravan 2.2 DTI	2003->	
Y 22 DTR	92	125
EUV-AGR Switch Valve; Electric		56045
Vectra C Caravan 2.2 DTI	2003-08	
Y 22 DTR	86	117
EUV-AGR Switch Valve; Electric		56045
Vectra C GTS 1.9 CDTI	2004->	
Z 19 DT	88	120
DW-TL Z 19 DT		56043
Vectra C GTS 1.9 CDTI	2004->	
Z 19 DTH	110	150
DW-TL Z 19 DTH		56043
Vectra C GTS 1.9 CDTI	2005->	
Z 19 DTL	74	100
DW-TL Z 19 DTL		56043
Vectra C GTS 2.2 DTI 16V	2002->	
Y 22 DTR	92	125
EUV-AGR Switch Valve; Electric		56045
Vectra C GTS 2.2 DTI 16V	2002-08	
Y 22 DTR	86	117
EUV-AGR Switch Valve; Electric		56045
Vivaro Chassis (E7) 1.9 Di	2001->	
F9Q 762	60	82
DW-AGR		56024
Vivaro Chassis (E7) 1.9 DTI	2006->	
F9Q 760	74	101
DW-AGR		56024
Vivaro Chassis (E7) 2.0 CDTI	2006->	
M9R 782/M9R 780/M9R 630/M9R 786	66	90
Control Valve Heating		55007
DW-AGR		56024
EUV-AGR M9R 780; M9R 782; M9R 786; Switch Valve; Electric		56035



OPEL Cont.		
Vivaro Chassis (E7) 2.0 CDTI	2006->	
M9R 780/M9R 630	84	114
Control Valve Heating	55007	
DW-AGR	56024	
EUV-AGR M9R 780; Switch Valve; Electric	56035	
Vivaro Chassis (E7) 2.5 CDTI	2006->	
G9U 630	84	114
Control Valve Heating	55007	
DW-TL	56027	
EUV-AGR Switch Valve; Electric	56035	
Vivaro Chassis (E7) 2.5 CDTI	2006->	
G9U 630	107	146
Control Valve Heating	55007	
DW-TL	56027	
EUV-AGR Switch Valve; Electric	56035	
Vivaro Chassis (E7) 2.5 DTI	2003->	
G9U 730	99	135
Control Valve Heating	55007	
DW-AGR	56024	
Vivaro Combi (J7) 1.9 DI	2001->	
F9Q 762	60	80
DW-AGR	56024	
Vivaro Combi (J7) 1.9 DTI	2001->	
F9Q 760	74	101
DW-AGR	56024	
Vivaro Combi (J7) 2.0 CDTI	2006->	
M9R 782/M9R 780/M9R 786	66	90
Control Valve Heating	55007	
DW-AGR	56024	
EUV-AGR Switch Valve; Electric	56035	
Vivaro Combi (J7) 2.0 CDTI	2006->	
M9R784/M9R780/M9R630/M9R692/M9R788/M9R786	84	114
Control Valve Heating	55007	
DW-AGR	56024	
EUV-AGR M9R780/M9R784/M9R786/M9R788; Switch Valve; Electric	56035	
Vivaro Combi (J7) 2.5 CDTI	2006->	
G9U 630	107	146
Control Valve Heating	55007	
DW-TL	56027	
EUV-AGR Switch Valve; Electric	56035	
Vivaro Combi (J7) 2.5 CDTI	2006->	
G9U 630	84	114
Control Valve Heating	55007	
DW-TL	56027	
EUV-AGR Switch Valve; Electric	56035	
Vivaro Combi (J7) 2.5 DTI	2003->	
G9U 730	99	135
Control Valve Heating	55007	
DW-AGR	56024	
Vivaro Van (F7) 1.9 DI	2001->	
F9Q 762	60	80
DW-AGR	56024	
Vivaro Van (F7) 1.9 DTI	2001->	
F9Q 760	74	101
DW-AGR	56024	
Vivaro Van (F7) 2.0 CDTI	2006->	
M9R 782/M9R 780/M9R 630/M9R 786	66	90
Control Valve Heating	55007	
DW-AGR M9R 780, M9R 782	56024	
EUV-AGR M9R 780; M9R 782; M9R 786; Switch Valve; Electric	56035	
Vivaro Van (F7) 2.0 CDTI	2006->	
M9R784/M9R780/M9R630/M9R692/M9R788/M9R786	84	114
Control Valve Heating	55007	
DW-AGR M9R 780, M9R 784	56024	
EUV-AGR M9R780/M9R784/M9R786/M9R788; Switch Valve; Electric	56035	
Vivaro Van (F7) 2.5 CDTI	2006->	
G9U 630/G9MB6	107	146
Control Valve Heating	55007	
DW-TL G9U 630	56027	
EUV-AGR G9U 630; Switch Valve; Electric	56035	
Vivaro Van (F7) 2.5 CDTI	2006->	
G9U 630	84	114
Control Valve Heating	55007	
DW-TL	56027	
EUV-AGR Switch Valve; Electric	56035	
Vivaro Van (F7) 2.5 DTI	2003->	
G9U 730	99	135
Control Valve Heating	55007	
DW-AGR	56024	

OPEL Cont.		
Zafira A (F75) 2.0 DTI 16V	2000-05	
Y 20 DTH	74	101
EUV-AGR Ch.32000001,3H000001,4G000001;Switch Valve;Electric	56045	
Zafira A (F75) 2.2 DTI 16V	2002-05	
Y 22 DTR	92	125
EUV-AGR Ch.32000001,3H000001,4G000001;Switch Valve;Electric	56045	
Zafira A (F75) 2.2 DTI 16V	2002-05	
Y 22 DTR	86	117
EUV-AGR Ch.32000001,3H000001,4G000001;Switch Valve;Electric	56045	
Zafira B (A05) 1.7 CDTI	2008->	
A 17 DTJ/Z 17 DTJ	81	110
DW-TL	56010	
LDRV Switch Valve; Electric	56033	
Zafira B (A05) 1.7 CDTI	2008->	
A 17 DTR	92	125
DW-TL A17DTR	56010	
LDRV Switch Valve; Electric	56033	
Zafira B (A05) 1.9 CDTI	2005->	
Z 19 DTH	110	150
DW-TL	56013	
Zafira B (A05) 1.9 CDTI	2005->	
Z 19 DTL	74	100
DW-TL	56013	
Zafira B (A05) 1.9 CDTI	2005->	
Z 19 DT	88	120
DW-TL	56013	
Zafira B Van 1.7 CDTI	2008->	
A 17 DTR	92	125
LDRV A 17 DTR; Switch Valve; Electric	56033	
Zafira B Van 1.7 CDTI	2008->	
A 17 DTJ/Z 17 DTJ	81	110
LDRV Switch Valve; Electric	56033	
Zafira Tourer C (P12) 2.0 BiTurbo CDTI	2013->	
A 20 DTR	143	194
DW-TL	56013	
PEUGEOT		
1007 (Km) 1.4 HDi	2005->	
8HZ (DV4TD)/8HX (DV4TD)	50	68
DW-TL	56018	
1007 (Km) 1.6 HDi	2007->	
9HZ (DV6TED4)	80	109
DW-TL 9HZ(DV6TED4)	56038	
106 I (1A, 1C) 1.4 D	1992-96	
K9Y (TUD3Y)	37	50
Solenoid	73010	
106 I (1A, 1C) 1.5 D	1994-96	
VJY (TUD5)	40	54
Solenoid	73010	
106 I (1A, 1C) 1.5 D	1994-96	
VJZ (TUD5)/VJY (TUD5)	43	58
Solenoid	73010	
106 II (1) 1.5 D	1996-01	
VJY (TUD5)	40	55
Solenoid	73010	
Solenoid With cable	73015	
205 I (741A/C) 1.7 Diesel	1983-87	
161A (XUD7)	44	60
Solenoid	73010	
205 II (20A/C) 1.7 Diesel	1987-98	
161A (XUD7)	44	60
Solenoid	73010	
205 Van 1.7 Diesel	1994-97	
161A (XUD7)	44	60
Solenoid	73010	
Solenoid Only for Bosch Equipment	73012	
Solenoid Only for Delphi Equipment; With cable	73015	
206 Fastback (2A/C) 1.4 HDi eco 70	2001->	
8HZ (DV4TD)/8HX (DV4TD)	50	68
DW-TL	56018	
206 Fastback (2A/C) 1.6 HDi 110	2004->	
9HY (DV6TED4)/9HZ (DV6TED4)	80	109
DW-TL	56038	
206 Fastback (2A/C) 2.0 HDi 90	1999->	
RHY (DW10TD)	66	90
DW-TL	56018	



PEUGEOT Cont.		
206 SW (2E/K) 1.4 HDi	2002->	
8HX (DV4TD)	50	68
DW-TL		56018
206 SW (2E/K) 1.6 HDi 110	2004->	
9HZ (DV6TED4)	80	109
DW-TL 9HZ(DV6TED4)		56038
206 SW (2E/K) 2.0 HDi	2002->	
RHY (DW10TD)	66	90
DW-TL		56018
207 (WA, WC) 1.4 HDi	2006->	
8HR (DV4C)/8HZ (DV4TD)	50	68
DW-TL		56020
207 (WA, WC) 1.6 HDi	2006->	
9HX (DV6ATED4)/9HV (DV6TED4)	66	90
DW-TL		56038
207 (WA, WC) 1.6 HDi	2006->	
9HY (DV6TED4)/9HZ (DV6TED4)	80	109
DW-TL		56038
207 (WA, WC) 1.6 HDi	2009->	
9HP (DV6DTED)	68	92
DW-TL Euro 5		56020
207 SW (WK) 1.6 HDi	2007->	
9HX (DV6ATED4)/9HV (DV6TED4)	66	90
DW-TL		56038
207 SW (WK) 1.6 HDi	2007->	
9HZ (DV6TED4)	80	109
DW-TL 9HZ(DV6TED4)		56038
207 SW (WK) 1.6 HDi	2009->	
9HP (DV6DTED)	68	92
DW-TL Euro 5		56020
207 Van 1.6 HDi	2007->	
9HX (DV6ATED4)/9HV (DV6TED4)	66	90
DW-TL		56038
208 1.4 HDi	2012->	
8HR (DV4C)/8HP (DV4C)	50	68
DW-TL		56020
208 1.6 HDi	2012->	
9HP (DV6DTED)	68	92
DW-TL		56020
3008 2.0 HDi	2009->	
RHE (DW10CTED4)/AHX (DW10FD)	110	150
DW-TL		56020
3008 2.0 HDi	2009->	
RHH (DW10CTED4)	120	165
DW-TL		56020
304 (04M) 1.4 D	1976-79	
XL4D	33	45
Solenoid		73010
304 Break (04D) 1.4 D	1976-79	
XL4D	33	45
Solenoid		73010
305 I (581A) 1.5 Diesel	1977-82	
149 (XID)	36	49
Solenoid		73010
305 I Break (581D) 1.5 Diesel	1980-82	
149 (XID)	36	49
Solenoid		73010
305 II (581M) 1.9 D	1982-88	
D9A (XUD9)/162 (XUD9)	47	64
Solenoid		73010
305 II (581M) 1.9 D	1982-88	
162 (XUD9)	48	65
Solenoid		73010
305 II Break (581E) 1.9 Diesel	1982-88	
D9A (XUD9)/162 (XUD9)	47	64
Solenoid		73010
305 II Break (581E) 1.9 Diesel	1982-88	
162 (XUD9)	48	65
Solenoid		73010
306 (7B, N3, N5) 1.9 SLD	1994-01	
DJZ (XUD9Y)	47	64
Solenoid		73010
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015
306 (7B, N3, N5) 1.9 SLD	1994-01	
DJY (XUD9A)	50	68
Solenoid		73010
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015

PEUGEOT Cont.		
306 (7B, N3, N5) 1.9 SRDT	1994-01	
DHY (XUD9TE)/D8A (XUD9TE)	66	90
Solenoid		73010
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015
306 Break (7E, N3, N5) 1.9 D	1997-02	
DJY (XUD9A)	50	68
Solenoid		73010
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015
306 Break (7E, N3, N5) 1.9 TD	1997-02	
DHY (XUD9TE)/D8A (XUD9TE)	66	90
Solenoid		73010
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015
306 Fastback (7A, 7C, N3, N5) 1.8 D	1993-01	
A9A (XUD7)	43	58
Solenoid		73010
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015
306 Fastback (7A, 7C, N3, N5) 1.9 D	1993-01	
DJZ (XUD9Y)	47	64
Solenoid		73010
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015
306 Fastback (7A, 7C, N3, N5) 1.9 D	1994-01	
DJY (XUD9A)	50	68
Solenoid		73010
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015
306 Fastback (7A, 7C, N3, N5) 1.9 DT	1993-01	
DHY (XUD9TE)/D8A (XUD9TE)	66	90
Solenoid		73010
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015
307 (3A/C) 1.4 HDi	2001->	
8HZ (DV4TD)/8HX (DV4TD)	50	68
DW-TL		56018
307 (3A/C) 1.6 HDi	2005->	
9HX / 9HV / 9HV	66	90
DW-TL		56038
307 (3A/C) 1.6 HDi 110	2004->	
9HY (DV6TED4)/9HZ (DV6TED4)	80	109
DW-TL		56038
307 (3A/C) 2.0 HDi 110	2000->	
RHS (DW10ATED)	79	107
DW-TL		56018
307 (3A/C) 2.0 HDi 135	2003->	
RHR (DW10BTED4)	100	136
DW-TL		56018
307 (3A/C) 2.0 HDi 90	2000->	
RHY (DW10TD)	66	90
DW-TL		56018
307 Break (3E) 1.4 HDi	2002->	
8HZ (DV4TD)	50	68
DW-TL		56018
307 Break (3E) 1.6 HDi	2005->	
9HV (DV6ATED4)	66	90
DW-TL 9HV(DV6ATED4)		56038
307 Break (3E) 1.6 HDi 110	2004->	
9HY (DV6TED4)/9HZ (DV6TED4)	80	109
DW-TL		56038
307 Break (3E) 2.0 HDi 110	2002->	
RHS (DW10ATED)	79	107
DW-TL		56018
307 Break (3E) 2.0 HDi 135	2004->	
RHR (DW10BTED4)	100	136
DW-TL		56019
DW-TL		56039
307 Break (3E) 2.0 HDi 90	2002->	
RHY (DW10TD)	66	90
DW-TL		56018
307 CC (3B) 2.0 HDi 135	2005->	
RHR (DW10BTED4)	100	136
DW-TL		56039
307 SW (3H) 1.6 HDi 110	2004->	
9HY (DV6TED4)/9HZ (DV6TED4)	80	109
DW-TL		56038



PEUGEOT Cont.		
307 SW (3H) 2.0 HDi 110	2002->	
RHS (DW10ATED)	79	107
DW-TL	56019	
DW-TL	56039	
307 SW (3H) 2.0 HDi 135	2004->	
RHR (DW10BTED4)	100	136
DW-TL	56019	
307 SW (3H) 2.0 HDi 90	2002->	
RHY (DW10TD)	66	90
DW-TL	56018	
308 (4A, 4C) 1.6 HDi	2007->	
9HZ (DV6TED4)	80	109
DW-TL 9HZ(DV6TED4)	56038	
308 (4A, 4C) 1.6 HDi	2009->	
9HP (DV6DTED)	68	92
DW-TL Euro 5	56020	
308 (4A, 4C) 2.0 HDi	2007->	
RHR (DW10BTED4)	100	136
DW-TL	56039	
308 (4A, 4C) 2.0 HDi	2010->	
RHR (DW10BTED4)	103	140
DW-TL	56020	
DW-TL RHR(DW10BTED4)	56039	
308 Cc 2.0 HDi	2009->	
RHR (DW10BTED4)	100	136
DW-TL RHR(DW10BTED4)	56039	
308 SW 1.6 HDi	2007->	
9HX (DV6ATED4)/9HV (DV6ATED4)	66	90
DW-TL	56038	
308 SW 1.6 HDi	2007->	
9HZ (DV6TED4)	80	109
DW-TL 9HZ(DV6TED4)	56038	
308 SW 2.0 HDi	2007->	
RHR (DW10BTED4)	100	136
DW-TL Euro 5	56020	
DW-TL RHR(DW10BTED4)	56039	
308 SW 2.0 HDi	2007->	
RHR (DW10BTED4)	103	140
DW-TL RHR(DW10BTED4)	56039	
309 I (10C, 10A) 1.9 D	1986-89	
D9A (XUD9)/162 (XUD9)	47	64
Solenoid	73010	
309 II (3C, 3A) 1.8 Diesel	1989-93	
161A (XUD7)	44	60
Solenoid	73010	
309 II (3C, 3A) 1.9 Diesel	1989-93	
D9A (XUD9)/DJZ (XUD9Y)/162 (XUD9)	47	64
Solenoid	73010	
405 I (15B) 1.8 Turbo Diesel	1988-92	
A8A (XUD7TE)/AJZ (XUD7TEY)	66	90
Solenoid	73010	
Solenoid	73012	
405 I (15B) 1.9 Diesel	1988-92	
DJZ (XUD9Y)	47	64
Solenoid	73010	
Solenoid	73012	
405 I (15B) 1.9 Diesel	1988-92	
D9B (XUD9A)	51	69
Solenoid	73010	
Solenoid	73012	
405 I Break (15E) 1.8 TD	1988-92	
A8A (XUD7TE)/AJZ (XUD7TEY)	66	90
Solenoid	73010	
Solenoid	73012	
405 I Break (15E) 1.9 D	1988-92	
DJZ (XUD9Y)	47	64
Solenoid	73010	
Solenoid	73012	
405 I Break (15E) 1.9 D	1988-92	
DJY (XUD9A)/D9B (XUD9A)	51	69
Solenoid	73010	
Solenoid	73012	
405 II (4B) 1.9 D	1992-95	
DJZ (XUD9Y)	47	64
Solenoid	73010	
Solenoid	73012	

PEUGEOT Cont.		
405 II (4B) 1.9 D	1994-95	
DJY (XUD9A)	50	68
Solenoid	73010	
Solenoid	73012	
405 II (4B) 1.9 TD	1992-95	
DHY (XUD9TE)	66	90
Solenoid	73010	
Solenoid	73012	
405 II Break (4E) 1.9 D	1992-96	
DJZ (XUD9Y)	47	64
Solenoid	73010	
Solenoid Only for Bosch Equipment	73012	
Solenoid Only for Delphi Equipment; With cable	73015	
405 II Break (4E) 1.9 D	1994-96	
DJY (XUD9A)	50	68
Solenoid Only for Bosch Equipment	73012	
Solenoid Only for Delphi Equipment; With cable	73015	
405 II Break (4E) 1.9 TD	1992-96	
DHY (XUD9TE)	66	90
Solenoid	73010	
Solenoid Only for Bosch Equipment	73012	
Solenoid Only for Delphi Equipment; With cable	73015	
406 (8B) 1.9 D	1996-04	
DHW (XUD9SD)	55	75
Solenoid With cable	73015	
406 (8B) 1.9 TD	1996-04	
DHX (XUD9TE)	66	90
Solenoid With cable	73015	
406 (8B) 1.9 TD	1996-04	
DHY (XUD9TE)	68	92
Solenoid With cable	73015	
406 Break (8E/F) 1.9 D	1996-04	
DHW (XUD9SD)	55	75
Solenoid	73010	
Solenoid With cable	73015	
406 Break (8E/F) 1.9 TD	1996-04	
DHX (XUD9TE)	66	90
Solenoid With cable	73015	
407 (6D) 1.6 HDi 110	2004->	
9HZ (DV6TED4)	80	109
DW-TL 9HZ(DV6TED4)	56038	
407 (6D) 2.0 HDi	2008->	
RHF (DW10BTED4)	103	140
DW-TL	56019	
407 (6D) 2.0 HDi	2009->	
RHH (DW10CTED4)	120	163
DW-TL	56019	
DW-TL	56020	
407 (6D) 2.0 HDi	2010->	
RHE (DW10CTED4)	110	150
DW-TL	56019	
DW-TL	56020	
407 (6D) 2.0 HDi 135	2004->	
RHR (DW10BTED4)	100	136
DW-TL	56019	
DW-TL RHR(DW10BTED4)	56039	
407 (6D) 2.2 HDi 170	2006->	
4HT (DW12BTED4)	125	170
DW-TL 4HT(DW12BTED4)	56039	
407 Coupe (6C) 2.0 HDi	2005->	
RHR (DW10BTED4)	100	136
DW-TL	56019	
DW-TL RHR(DW10BTED4)	56039	
407 Coupe (6C) 2.0 HDi	2009->	
RHH (DW10CTED4)	120	163
DW-TL	56019	
407 Coupe (6C) 2.0 HDi	2010->	
RHE (DW10CTED4)	110	150
DW-TL	56019	
DW-TL	56020	
407 SW (6E) 1.6 HDi 110	2004->	
9HZ (DV6TED4)	80	109
DW-TL 9HZ(DV6TED4)	56038	
407 SW (6E) 2.0 HDi	2008->	
RHR (DW10BTED4)	103	140
DW-TL	56019	
DW-TL RHR(DW10BTED4)	56039	



PEUGEOT Cont.		
407 SW (6E) 2.0 HDi	2009->	
RHH (DW10CTED4)	120	163
DW-TL	56019	
DW-TL	56020	
407 SW (6E) 2.0 HDi	2010->	
RHE (DW10CTED4)	110	150
DW-TL	56019	
407 SW (6E) 2.0 HDi 135	2004->	
RHR (DW10BTED4)	100	136
DW-TL	56019	
DW-TL RHR(DW10BTED4)	56039	
407 SW (6E) 2.2 HDi 170	2006->	
4HT (DW12BTED4)	125	170
DW-TL 4HT(DW12BTED4)	56039	
5008 2.0 HDi	2012->	
RHD (DW10CTED4)/AHV (DW10FD)	100	136
DW-TL	56020	
5008 2.0 HDi	2009->	
RHE (DW10CTED4)/AHX (DW10FD)/AHR (DW10FD)	110	150
DW-TL	56020	
504 (A, M) 1.9 D	1973-86	
XD4x88	40	54
Solenoid	73010	
504 Pick-Up (E) 1.9 D	1980-89	
XD4x88	40	54
Solenoid	73010	
505 (551A) 2.3 Turbo Diesel	1980-86	
147 (XD2S)	59	80
Solenoid	73010	
505 (551A) 2.5 Diesel	1981-93	
155 (XD3)	55	75
Solenoid	73010	
505 (551A) 2.5 Diesel	1981-90	
155 (XD3)	51	69
Solenoid	73010	
505 (551A) 2.5 Turbo Diesel	1983-93	
152A (XD3T)	66	90
Solenoid	73010	
Solenoid	73012	
505 (551A) 2.5 Turbo Diesel	1986-93	
152B (XD3TE)	77	105
Solenoid	73010	
Solenoid	73012	
505 Break (551D) 2.5 Diesel	1986-93	
155 (XD3)	51	70
Solenoid	73010	
505 Break (551D) 2.5 Turbo Diesel	1985-87	
152A (XD3T)	66	90
Solenoid	73010	
Solenoid	73012	
505 Break (551D) 2.5 Turbo Diesel	1986-93	
152B (XD3TE)	77	105
Solenoid	73010	
Solenoid	73012	
508 2.0 HDi	2010->	
RHH (DW10CTED4)	120	163
DW-TL	56020	
604 (561A) 2.5 TD	1983-86	
152A (XD3T)	66	90
Solenoid	73010	
605 (6B) 2.1 D	1989-95	
P9A (XUD11A)	60	82
Solenoid	73010	
605 (6B) 2.1 Turbo Diesel	1989-99	
PHZ (XUD11ATE)	80	109
Solenoid	73010	
Solenoid	73012	
607 (9D, 9U) 2.0 HDi	2005->	
RHR (DW10BTED4)	100	136
DW-TL	56038	
DW-TL RHR(DW10BTED4)	56039	
607 (9D, 9U) 2.2 HDi	2006->	
4HT (DW12BTED4)	125	170
DW-TL 4HT(DW12BTED4)	56039	
807 (E) 2.0 HDi	2006->	
RHR (DW10BTED4)	100	136
DW-TL Euro 5	56020	
DW-TL RHR(DW10BTED4)	56039	

PEUGEOT Cont.		
807 (E) 2.0 HDi	2006->	
RHK (DW10UTED4)	88	120
DW-TL Euro 5	56020	
DW-TL	56039	
807 (E) 2.0 HDi	2009->	
RHH (DW10CTED4)	120	163
DW-TL	56020	
807 (E) 2.2 HDi	2006->	
4HT (DW12BTED4)	125	170
DW-TL 4HT(DW12BTED4)	56039	
Boxer Bus (230P) 2.5 TD	1994-02	
T8A (DJ5T)	76	103
Solenoid	73010	
Boxer Bus (230P) 2.5 TD 4x4	1996-02	
T8A (DJ5T)	76	103
Solenoid	73010	
Solenoid	73012	
Boxer Bus 2.2 HDi 120	2006->	
4HU (P22DTE)	88	120
Control Valve Seat heating	55011	
Boxer Chassis (ZCT) 2.5 TD	1994-02	
T8A (DJ5T)	76	103
Solenoid	73010	
Boxer Van (230L) 2.5 TD	1994-02	
T8A (DJ5T)	76	103
Solenoid	73010	
Boxer Van 2.2 HDi 120	2006->	
4HU (P22DTE)	88	120
Control Valve Seat heating	55011	
Expert Van (222) 1.9 D 70	1998-06	
WJY (DW8B)/WJZ (DW8)	51	69
Solenoid	73010	
Expert Van (VF3A, VF3U, VF3X) 1.6 HDi 90 16V	2007->	
9HU (DV6UTED4)	66	90
Control Valve Additional heating	55006	
Expert Van (VF3A, VF3U, VF3X) 2.0 HDi 100	2011->	
---	72	98
DW-TL	56020	
Expert Van (VF3A, VF3U, VF3X) 2.0 HDi 120	2007->	
RHK (DW10UTED4)	88	120
Control Valve Additional heating	55006	
Expert Van (VF3A, VF3U, VF3X) 2.0 HDi 130	2011->	
AHZ (DW10CD)	94	128
DW-TL	56020	
Expert Van (VF3A, VF3U, VF3X) 2.0 HDi 140	2007->	
RHR (DW10BTED4)	100	136
Control Valve Additional heating	55006	
Expert Van (VF3A, VF3U, VF3X) 2.0 HDi 165	2009->	
RHH (DW10CTED4)	120	163
DW-TL	56020	
J5 Bus (280P) 2.5 D	1981-90	
CRD93 (U25/661)	54	73
Solenoid	73010	
J5 Bus (290P) 1.9 D	1990-94	
D9B (XUD9A)	51	70
Solenoid	73010	
J5 Bus (290P) 2.5 D	1990-94	
CRD93 (U25/661)	54	73
Solenoid	73010	
J5 Bus (290P) 2.5 D 4x4	1990-94	
CRD93 (U25/661)	54	73
Solenoid	73010	
J5 Bus (290P) 2.5 TD	1990-94	
CRD93LS (U25/673)	70	95
Solenoid	73010	
J5 Chassis (280L) 2.5 D	1981-90	
CRD93 (U25/661)	54	73
Solenoid	73010	
J5 Chassis (290L) 1.9 D	1990-94	
D9B (XUD9A)	51	70
Solenoid	73010	
J5 Chassis (290L) 2.5 D	1990-94	
CRD93 (U25/661)	54	73
Solenoid	73010	
J5 Chassis (290L) 2.5 D 4x4	1990-94	
CRD93 (U25/661)	54	73
Solenoid	73010	



PEUGEOT Cont.		
J5 Chassis (290L) 2.5 TD	1990-94	
CRD93LS (U25/673)	70	95
Solenoid	73010	
J5 Chassis (290L) 2.5 TD 4x4	1990-94	
CRD93LS (U25/673)	70	95
Solenoid	73010	
J5 Van (290L) 1.9 D	1990-94	
D9B (XUD9A)	51	70
Solenoid	73010	
J5 Van (290L) 2.5 D 4x4	1990-94	
CRD93 (U25/661)	54	73
Solenoid	73010	
J5 Van (290L) 2.5 TD 4x4	1990-94	
CRD93LS (U25/673)	70	95
Solenoid	73010	
J7 Bus 1.9 D	1968-78	
XDP88	40	55
Solenoid	73010	
J7 Bus 2.1 D	1968-77	
XDP90	42	57
Solenoid	73010	
J7 Bus 2.3 D	1977-80	
XD2P94	49	67
Solenoid	73010	
J7 Chassis 1.9 D	1968-78	
XDP88	40	55
Solenoid	73010	
J7 Chassis 2.1 D	1968-77	
XDP90	42	57
Solenoid	73010	
J7 Chassis 2.3 D	1977-80	
XD2P94	49	67
Solenoid	73010	
J7 Van 1.9 D	1968-78	
XDP88	40	55
Solenoid	73010	
J7 Van 2.1 D	1968-77	
XDP90	42	57
Solenoid	73010	
J7 Van 2.3 D	1977-80	
XD2P94	49	67
Solenoid	73010	
J9 Bus 2.3 D	1980-82	
XD2PX94	49	67
Solenoid	73010	
J9 Bus 2.5 D	1982-87	
XD3P	53	72
Solenoid	73010	
J9 Chassis 2.3 D	1980-82	
XD2PX94	49	67
Solenoid	73010	
J9 Chassis 2.5 D	1982-87	
XD3P	53	72
Solenoid	73010	
J9 Van 2.1 D	1980-87	
XD3P	41	56
Solenoid	73010	
J9 Van 2.3 D	1980-82	
XD2PX94	49	67
Solenoid	73010	
J9 Van 2.5 D	1982-87	
XD3P	53	72
Solenoid	73010	
Partner Combispace (5F) 1.6 HDi 90	2005-15	
9HX (DV6ATED4)	66	90
DW-TL 9HX(DV6TED4)	56038	
Partner Combispace (5F) 1.9 D	1998-08	
WJY (DW8B)/WJZ (DW8)	51	69
Solenoid	73010	
Partner Combispace (5F) 1.9 D	1996-02	
DJY (XUD9A)	50	68
Solenoid	73010	
Solenoid Only for Bosch Equipment	73012	
Solenoid Only for Delphi Equipment; With cable	73015	
Partner Van (5) 1.6 HDi 90	2006-15	
9HX (DV6ATED4)	66	90
DW-TL 9HX(DV6ATED4)	56038	

PEUGEOT Cont.		
Partner Van (5) 1.8 D	1996-02	
A9A (XUD7)	43	58
Solenoid	73010	
Solenoid With cable	73015	
Partner Van (5) 1.9 D	1996-02	
DJY (XUD9A)	51	69
Solenoid	73010	
Solenoid Only for Bosch Equipment	73012	
Solenoid Only for Delphi Equipment; With cable	73015	
Partner Van 1.6 HDi	2008->	
9HX / 9HV / 9HV	66	90
DW-TL 9HX(DV6ATED4)	56038	
Partner Van 1.6 HDi	2008->	
9HZ (DV6TED4)	80	109
DW-TL 9HZ(DV6TED4)	56038	
PORSCH		
911 (993) 3.6 Carrera 4	1995-97	
M 64.21/M 64.23	210	286
EUV-SR M 64.23; M 64.21	56051	
911 (993) 3.6 Turbo 4	1995-97	
M 64.60	300	408
EUV-SL M 64.60	56051	
911 (993) 3.6 Turbo GT2	1995-97	
M 64.60R	316	430
EUV-SL M 64.60R	56051	
911 (993) 3.6 Turbo GT2 4	1995-97	
M 64.60R	316	430
EUV-SL M 64.60R	56051	
911 (993) 3.8 Carrera RS	1995-97	
M 64.20	221	300
EUV-SR M 64.20	56051	
911 (996) 3.4 Carrera	1997-01	
M 96.01/M 96.04	221	301
EUV-SL M 96.04	56051	
LDRV M 96.01; Switch Valve; Electric	56051	
911 (996) 3.4 Carrera 4	1997-01	
M 96.01/M 96.04	221	301
EUV-SL M 96.04	56051	
911 (996) 3.4 Carrera 4	2001-05	
M 96.02	235	320
LDRV Switch Valve; Electric	56051	
911 (996) 3.6 Carrera	2001-05	
M 96.03	235	320
LDRV Switch Valve; Electric	56051	
911 (996) 3.6 Carrera 4	2001-05	
M 96.03	235	320
LDRV Switch Valve; Electric	56051	
911 (996) 3.6 Carrera 4S	2003-05	
M 96.03	254	345
EUV-SL M 96.03	56051	
911 (996) 3.6 Carrera S	2003-05	
M 96.03	254	345
LDRV Switch Valve; Electric	56051	
911 (996) 3.6 GT3	1999-05	
M 96.76	265	360
LDRV Switch Valve; Electric	56051	
911 (996) 3.6 GT3	2003-05	
M 96.79	280	381
LDRV Switch Valve; Electric	56051	
911 (996) 3.6 Turbo 4	2000-05	
M 96.70	309	420
EUV-SL M 96.70	56051	
911 (997) 3.6 Carrera	2004-08	
M 96.05	239	325
LDRV Switch Valve; Electric	56051	
911 (997) 3.6 Carrera	2008-11	
MA1.02	254	345
LDRV Switch Valve; Electric	56051	
911 (997) 3.6 Carrera 4	2004-08	
M 96.05	239	325
LDRV Switch Valve; Electric	56051	
911 (997) 3.6 Carrera 4	2008-12	
MA1.02	254	345
LDRV Switch Valve; Electric	56051	
911 (997) 3.6 GT 3	2006-09	
M 97.76	305	415
EUV-SR M 97.76	56051	



PORSCHE Cont.		
911 (997) 3.8 Carrera 4 GTS	2009-12	
MA1.01	300	408
LDRV Switch Valve; Electric	56051	
911 (997) 3.8 Carrera 4S	2004-08	
M 97.01	261	355
LDRV Switch Valve; Electric	56051	
911 (997) 3.8 Carrera 4S	2005-08	
M 97.01S	280	381
LDRV Switch Valve; Electric	56051	
911 (997) 3.8 Carrera 4S	2008-12	
MA1.01	283	385
LDRV Switch Valve; Electric	56051	
911 (997) 3.8 Carrera GTS	2009-11	
MA1.01	300	408
EUV-AGK MA1-01	56051	
911 (997) 3.8 Carrera S	2004-08	
M 97.01	261	355
LDRV Switch Valve; Electric	56051	
911 (997) 3.8 Carrera S	2005-08	
M 97.01S	280	381
LDRV Switch Valve; Electric	56051	
911 (997) 3.8 Carrera S	2008-11	
MA1.01	283	385
LDRV Switch Valve; Electric	56051	
911 (997) 3.8 GT3	2009-11	
M 97.77	320	435
EUV-SR M 97.77	56051	
911 (997) 3.8 GT3 RS	2009-11	
M 97.77R	331	450
EUV-SR M 97.77R	56051	
911 (997) 4.0 GT3 RS	2011-12	
M 97.74	368	500
EUV-SR M 97.74	56051	
911 Cabriolet (993) 3.6 Carrera	1995-97	
M 64.24/M 64.22/M 64.21/M 64.23	210	286
EUV-SR M 64.24; M 64.21	56051	
911 Cabriolet (996) 3.4 Carrera	1998-01	
M 96.01/M 96.04	221	301
EUV-SL M 96.04	56051	
LDRV M 96.01; Switch Valve; Electric	56051	
911 Cabriolet (996) 3.4 Carrera 4	2001-05	
M 96.02	235	320
LDRV Switch Valve; Electric	56051	
911 Cabriolet (996) 3.4 Carrera 4	1998-01	
M 96.02/M 96.04	221	301
EUV-SL M 96.04	56051	
LDRV M 96.02; Switch Valve; Electric	56051	
911 Cabriolet (996) 3.6 Carrera	2001-05	
M 96.03	235	320
EUV-SL M 96.03	56051	
911 Cabriolet (996) 3.6 Carrera 4S	2002-05	
M 96.03	254	345
EUV-SL M 96.03	56051	
911 Cabriolet (996) 3.6 Carrera S	2002-05	
M 96.03	254	345
LDRV Switch Valve; Electric	56051	
911 Cabriolet (997) 3.6 Carrera	2005-08	
M 96.05	239	325
LDRV Switch Valve; Electric	56051	
911 Cabriolet (997) 3.6 Carrera	2008-11	
MA1.02	254	345
LDRV Switch Valve; Electric	56051	
911 Cabriolet (997) 3.6 Carrera 4	2005-08	
M 96.05	239	325
LDRV Switch Valve; Electric	56051	
911 Cabriolet (997) 3.6 Carrera 4	2008-12	
MA1.02	254	345
LDRV Switch Valve; Electric	56051	
911 Cabriolet (997) 3.8 Carrera 4 GTS	2009-12	
MA1.01	300	408
LDRV Switch Valve; Electric	56051	
911 Cabriolet (997) 3.8 Carrera 4S	2005-08	
M 97.01	261	355
LDRV Switch Valve; Electric	56051	

PORSCHE Cont.		
911 Cabriolet (997) 3.8 Carrera 4S	2005-08	
M 97.01S	280	381
LDRV Switch Valve; Electric	56051	
911 Cabriolet (997) 3.8 Carrera 4S	2008-12	
MA1.01	283	385
LDRV Switch Valve; Electric	56051	
911 Cabriolet (997) 3.8 Carrera GTS	2009-11	
MA1.01	300	408
EUV-AGK MA1.01	56051	
911 Cabriolet (997) 3.8 Carrera S	2005-08	
M 97.01	261	355
LDRV Switch Valve; Electric	56051	
911 Cabriolet (997) 3.8 Carrera S	2005-08	
M 97.01S	280	381
LDRV Switch Valve; Electric	56051	
911 Cabriolet (997) 3.8 Carrera S	2008-11	
MA1.01	283	385
LDRV Switch Valve; Electric	56051	
911 Targa (996) 3.6	2001-05	
M 96.03	235	320
LDRV Switch Valve; Electric	56051	
911 Targa (997) 3.6 Carrera 4	2008-12	
MA1.02	254	345
LDRV Switch Valve; Electric	56051	
911 Targa (997) 3.6 Carrera 4	2006-08	
M 96.05	239	325
LDRV Switch Valve; Electric	56051	
911 Targa (997) 3.8 Carrera 4S	2008-12	
MA1.01	283	385
LDRV Switch Valve; Electric	56051	
911 Targa (997) 3.8 Carrera 4S	2006-08	
M 97.01	261	355
LDRV Switch Valve; Electric	56051	
Boxster (981) 2.7	2012->	
MA1.22	195	265
EUV-AGK MA1.22	56051	
Boxster (981) S 3.4	2012->	
MA1.23	232	315
EUV-AGK MA1.23	56051	
Boxster (986) 2.5	1996-99	
M 96.20	150	204
EUV-SL M 96.20	56051	
Boxster (986) 2.7	1999-02	
M 96.22	162	220
EUV-SL M 96.22	56051	
Boxster (986) 2.7	2002-04	
M 96.23	168	228
EUV-SL M 96.23	56051	
Boxster (986) S 3,2	2002-04	
M 96.24	191	260
EUV-SL M 96.24	56051	
Boxster (986) S 3.2	1999-02	
M 96.21	185	252
EUV-SL M 96.21	56051	
Boxster (986) S 3.2	2004-04	
M 96.24	196	266
EUV-SL M 96.24	56051	
Boxster (987) 2.7	2006-09	
M 97.20	180	245
EUV-SL M 97.20	56051	
Boxster (987) 2.9	2009-11	
MA1.20	188	255
LDRV Switch Valve; Electric	56051	
Boxster (987) S 3.2	2004-06	
M 96.26	206	280
EUV-SL M 96.26	56051	
Boxster (987) S 3.4	2006-09	
M 97.21	217	295
EUV-SL M 97.21	56051	
Boxster (987) S 3.4	2008-09	
M 97.22	223	303
EUV-SL M 97.22	56051	
Boxster (987) S 3.4	2009-11	
MA1.21	228	310
LDRV Switch Valve; Electric	56051	
Carrera Gt 5.7	2003-06	
M 80.01	450	612
EUV-SL M 80.01	56051	



PORSCHE Cont.		
Cayenne (92A) 4.8 GTS	2012->	
M 48.02	309	420
Control Valve M 48.02; Additional heating	55014	
EUV-SR M 48.02	56051	
Cayenne (92A) 4.8 Turbo	2014->	
MCF.TB	382	520
Control Valve MCF.TB; Additional heating	55014	
Cayenne (92A) 4.8 Turbo S	2012->	
M 48.52	405	550
LDRV Switch Valve; Electric	56051	
Cayenne (955) 3.0 TDI	2009-10	
M 05.9D	176	240
Control Valve M 05.9D; Additional heating	55014	
Cayenne (955) 3.2	2003-07	
M02.2Y	184	184
Control Valve Ch.9P6LA01562; 41356; 80630; Additional heating	55012	
Control Valve Ch.9P6LA01563,41357,996LA80631; Additional heating	55014	
Cayenne (955) 3.6	2007-10	
M 55.01	213	290
Control Valve M 55.01; Additional heating	55014	
Cayenne (955) GTS 4.8	2007-10	
M 48.01	298	405
Control Valve M 48.01; Additional heating	55014	
EUV-SR M 48.01	56051	
Cayenne (955) S 4.5	2002-07	
M 48.00	250	250
Control Valve Ch.9P6LA01562; 41356; 80630; Additional heating	55012	
Control Valve Ch.9P6LA01563,41357,996LA80631; Additional heating	55014	
Cayenne (955) S 4.8	2007-10	
M 48.01	283	385
Control Valve M 48.01; Additional heating	55014	
EUV-SR M 48.01	56051	
Cayenne (955) Turbo 4.5	2002-07	
M 48.50	331	331
Control Valve Ch.9P6LA01562; 41356; 80630; Additional heating	55012	
Control Valve Ch.9P6LA01563,41357,996LA80631; Additional heating	55014	
Cayenne (955) Turbo S 4.8	2007-10	
M 48.51	368	500
Control Valve M 48.51; Additional heating	55014	
Cayenne 3.0 Diesel	2011->	
MCR.C/MCR.CA	180	245
Control Valve MCR.CA; Additional heating	55014	
Cayenne 3.0 Diesel	2010->	
MCV.VC/MCR.CB	155	211
Control Valve Additional heating	55014	
Cayenne 3.0 Diesel	2010->	
MCN.RB/M 05.9E	176	239
Control Valve Additional heating	55014	
Cayenne 3.0 S E-Hybrid	2014->	
MCG.FA/M 06.EC/MCG.EA/MCG.E	306	416
Control Valve Additional heating	55014	
Cayenne 3.0 S E-Hybrid	2010->	
MCG.FA/M 06.EC/MCG.EA/MCG.E	245	333
Control Valve Additional heating	55014	
Cayenne 3.6	2010->	
MCE.YA/M 55.02	220	300
Control Valve Additional heating	55014	
Cayenne 4.2 S Diesel	2014->	
MCU.DC	283	385
Control Valve MCU.DC; Additional heating	55014	
Cayenne 4.2 S Diesel	2012->	
MCU.DB	281	382
Control Valve MCU.DB; Additional heating	55014	
Cayenne 4.8 S	2010->	
M 48.02	294	400
Control Valve M 48.02; Additional heating	55014	
EUV-SR M 48.02	56051	
Cayenne 4.8 Turbo	2010->	
M 48.52	397	540
Control Valve M 48.52; Additional heating	55014	
Cayenne 4.8 Turbo	2010->	
M 48.52	368	500
Control Valve M 48.52; Additional heating	55014	
Cayman (981) 2,7	2013->	
MA1.22	202	275
EUV-AGK MA1.22	56051	
Cayman (981) S 3.4	2013->	
MA1.23	239	325
LDRV Switch Valve; Electric	56051	

PORSCHE Cont.		
Cayman (987) 2.7	2006-09	
M 97.20	180	245
EUV-SL M 97.20	56051	
Cayman (987) 2.9	2009-12	
MA1.20	195	265
LDRV Switch Valve; Electric	56051	
Cayman (987) R 3.4	2010-12	
MA1.21	243	330
LDRV Switch Valve; Electric	56051	
Cayman (987) S 3,4 Sport	2008-12	
M 97.22	223	303
EUV-SL M 97.22	56051	
Cayman (987) S 3.4	2005-09	
M 97.21	217	295
EUV-SL M 97.21	56051	
Cayman (987) S 3.4	2009-13	
MA1.21	235	320
LDRV Switch Valve; Electric	56051	
Macan 3.0 S	2014->	
MCT.MA	250	340
Control Valve MCT.MA; Additional heating	55014	
Macan 3.0 S Diesel	2014->	
MCT.BA	190	258
Control Valve MCT.BA; Additional heating	55014	
Macan 3.0 S Diesel	2014->	
MCT.BB	155	211
Control Valve MCT.BB; Additional heating	55014	
Macan 3.0 S Diesel	2014->	
MCT.BC	184	250
Control Valve MCT.BC; Additional heating	55014	
Macan 3.6 Turbo	2014->	
MCT.LA	294	400
Control Valve MCT.LA; Additional heating	55014	
Panamera (970) 3.0 4S	2013->	
MCW.DA	309	420
LDRV Switch Valve; Electric	56051	
Panamera (970) 3.0 S	2013->	
MCW.DA	309	420
LDRV Switch Valve; Electric	56051	
Panamera (970) 4.8 GTS	2012->	
M 48.40	316	430
EUV-SR M 48.40	56051	
Panamera (970) 4.8 GTS	2013->	
MCX.PA/MCX.RA	324	440
EUV-SR	56051	
Panamera (970) 4.8 Turbo	2013->	
MCW.BA	382	520
LDRV Switch Valve; Electric	56051	
Panamera 3.6	2010->	
M 46.20	220	300
EUV-SR M 46.20	56051	
Panamera 3.6 4	2010->	
M 46.40	220	300
EUV-SR M 46.40	56051	
Panamera 4.8 4S	2009->	
M 48.40	294	400
EUV-SR M 48.40	56051	
Panamera 4.8 S	2009->	
M 48.20	294	400
EUV-SR M 48.20	56051	
RENAULT		
11 (B/C37) 1.6 D	1983-88	
F8M 730/F8M 700/F8M 720	40	55
Solenoid	73010	
18 (134) 2.1 Diesel	1981-86	
852 710/J8S 711	49	67
Solenoid	73010	
18 Variable (135) 2.1 Diesel	1980-86	
852 710/J8S 711	49	67
Solenoid	73010	
19 I (B/C53) 1.9 D	1988-92	
F8Q 706/F8Q 742	47	64
Solenoid	73010	
19 I Chamade (L53) 1.9 D	1989-92	
F8Q 706/F8Q 742	47	64
Solenoid	73010	



RENAULT Cont.		
19 II (B/C53) 1.9 D	1992-95	
F8Q 742	47	64
Solenoid	73010	
19 II (B/C53) 1.9 dT	1992-95	
F8Q 744	66	90
Solenoid	73010	
19 II Chamade (L53) 1.9 D	1992-95	
F8Q 742	47	64
Solenoid	73010	
19 II Chamade (L53) 1.9 dT	1992-95	
F8Q 744	66	90
Solenoid	73010	
20 (127) 2.1 TD	1982-83	
J8S 702	63	86
Solenoid	73010	
25 (B29) 2.1 Diesel	1984-89	
J8S 706	46	63
Solenoid	73010	
9 (L42) 1.6 D	1982-88	
F8M 730/F8M 700/F8M 720	40	55
Solenoid	73010	
Avantime (De0) 2.0 16V Turbo	2001-03	
F4R 760/F4R 761	120	163
DW-TL	56027	
Avantime (De0) 2.2 dCi	2002-03	
G9T 712	110	150
DW-TL	56027	
LDRV Switch Valve; Electric	56035	
Clio I (B/C57, 5/357) 1.9 D	1991-98	
F8Q 730/F8Q 732	47	64
Solenoid	73010	
Clio I (B/C57, 5/357) 1.9 D	1997-98	
F8Q 678	40	54
Solenoid	73010	
Solenoid With cable	73015	
Clio II (Bb0/1/2, Cb0/1/2) 1.5 dCi	2004->	
K9K 712	74	100
DW-TL	56026	
Clio II (Bb0/1/2, Cb0/1/2) 1.5 dCi	2005->	
K9K 740	47	64
DW-TL	56026	
Clio II (Bb0/1/2, Cb0/1/2) 1.5 dCi	2007->	
K9K 718	62	84
DW-TL	56026	
Clio II (Bb0/1/2, Cb0/1/2) 1.9 D	2000-01	
F8Q 632/F8Q 630	48	65
EUV-AGR F8Q 630; Switch Valve; Electric	56035	
Clio II (Bb0/1/2, Cb0/1/2) 1.9 D	1998-05	
F8Q 630	47	64
EUV-AGR Switch Valve; Electric	56035	
Clio II (Bb0/1/2, Cb0/1/2) 1.9 dTi	1999-05	
F9Q 780	59	80
DW-AGR	56024	
Clio II Van (Sb0/1/2) 1.9 D	1998->	
F8Q 630	47	64
EUV-AGR Switch Valve; Electric	56035	
Clio II Van (Sb0/1/2) 1.9 DTi	2000-01	
F9Q 780	59	80
DW-AGR	56024	
Clio III (Br0/1, Cr0/1) 1.5 dCi	2005->	
K9K 766	63	86
DW-TL	56026	
Clio III (Br0/1, Cr0/1) 1.5 dCi	2005->	
K9K 764/K9K 774	78	106
DW-TL K9K 764	56026	
Clio III (Br0/1, Cr0/1) 1.5 dCi	2005->	
K9K 772	76	103
DW-TL	56026	
Espace III (JE0) 1.9 dTi	1999-02	
F9Q 722	72	98
DW-AGR	56024	
Espace III (JE0) 2.2 dCi	2000-02	
G9T 710/G9T 642	95	130
DW-AGR G9T 710	56024	
LDRV G9T 710; ->06.2001; Switch Valve; Electric	56035	
Espace III (JE0) 2.2 dCi	2000-02	
G9T 710	85	115
DW-AGR	56024	
LDRV ->06.2001; Switch Valve; Electric	56035	

RENAULT Cont.		
Espace IV (JK0/1) 1.9 dCi	2002->	
F9Q 680/F9Q 820/F9Q 826	88	120
DW-TL F9Q 820	56027	
EUV-LS F9Q 820; Electric	56035	
Espace IV (JK0/1) 1.9 dCi	2003-05	
F9Q 820	85	116
DW-TL	56027	
EUV-LS Electric	56035	
Espace IV (JK0/1) 2.0 dCi	2006->	
M9R 740/M9R 750/M9R 815	110	150
DW-TL	56025	
EUV-AGR M9R 740; M9R 750; Switch Valve; Electric	56035	
Espace IV (JK0/1) 2.0 dCi	2006->	
M9R 761/M9R 762/M9R 763/M9R 760/M9R 815	127	173
DW-TL	56025	
EUV-AGR M9R760/M9R761/M9R762/M9R763; Switch Valve; Electric	56035	
Espace IV (JK0/1) 2.2 dCi	2002->	
G9T 742/G9T 743	110	150
DW-TL	56027	
EUV-AGR Switch Valve; Electric	56035	
Espace IV (JK0/1) 2.2 dCi	2006->	
G9T 645	102	139
DW-TL	56027	
EUV-AGR Switch Valve; Electric	56035	
Express Van (F40, G40) 1.6 D	1986-98	
F8M 730/F8M 760/F8M 736/F8M 720	40	55
Solenoid	73010	
Solenoid	73012	
Express Van (F40, G40) 1.9 D	1994-98	
F8Q 682/F8Q 640	40	54
Solenoid	73012	
Fluence (L30) 1.5 dCi	2010->	
K9K 832	78	106
DW-TL 04.2010->	56012	
DW-TL ->04.2010	56026	
Grand Scénic II (JM0/1) 1.5 dCi	2004->	
K9K 728	74	101
DW-TL ->04.2010	56026	
Grand Scénic II (JM0/1) 1.5 dCi	2005->	
K9K P 732	78	106
DW-TL	56026	
Grand Scénic II (JM0/1) 1.9 dCi	2004->	
F9Q 812	88	120
DW-TL	56027	
EUV-LS Electric	56035	
Grand Scénic II (JM0/1) 1.9 dCi	2005->	
F9Q J 803/F9Q 818/F9Q 816/F9Q EE 804	96	131
DW-TL	56027	
Grand Scénic II (JM0/1) 2.0 dCi	2005->	
M9R 721/M9R 722/M9R 700	110	150
DW-TL	56025	
EUV-AGR Switch Valve; Electric	56035	
Grand Scénic III (JZ0/1) 1.5 dCi	2009->	
K9K 832	78	106
DW-TL 04.2010->	56012	
DW-TL ->04.2010	56026	
Grand Scénic III (JZ0/1) 1.5 dCi	2009->	
K9K 836/K9K 837/K9K 636	81	110
DW-TL	56026	
Grand Scénic III (JZ0/1) 2.0 dCi	2009->	
M9R 615	110	150
DW-TL	56025	
EUV-AGR Switch Valve; Electric	56035	
Grand Scénic III (JZ0/1) 2.0 dCi	2009->	
M9R 610	118	160
DW-TL	56025	
EUV-AGR Switch Valve; Electric	56035	
Kangoo (KC0/1) 1.5 dCi	2005->	
K9K 718	62	84
DW-TL	56026	
Kangoo (KC0/1) 1.9 dTi	2000->	
F9Q 780	59	80
DW-AGR	56024	
Kangoo (KC0/1) D 55 1.9	1997->	
F8Q 662	40	54
EUV-AGR Switch Valve; Electric	56035	
Kangoo (KC0/1) D 65 1.9	1997->	
F8Q 632/F8Q 630	47	64
EUV-AGR F8Q 630; Switch Valve; Electric	56035	



RENAULT Cont.		
Kangoo / Grand Kangoo (KW0/1) 1.5 dCi	2008->	
K9K 802	63	86
DW-TL ->04.2010	56026	
Kangoo / Grand Kangoo (KW0/1) 1.5 dCi	2008->	
K9K 806/K9K 804	76	103
DW-TL ->04.2010	56026	
Kangoo Be Bop (KW0/1) 1.5 dCi	2009->	
K9K 806	76	103
DW-TL ->04.2010	56026	
Kangoo Express (FC0/1) 1.5 dCi	2005->	
K9K 718	62	84
DW-TL	56026	
Kangoo Express (FC0/1) 1.9 dTi	2000->	
F9Q 780	59	80
DW-AGR	56024	
Kangoo Express (FC0/1) D 55 1.9	1997->	
F8Q 662	40	54
EUV-AGR Switch Valve; Electric	56035	
Kangoo Express (FC0/1) D 65 1.9	1997->	
F8Q 632/F8Q 630	47	64
EUV-AGR F8Q 630; Switch Valve; Electric	56035	
Kangoo Express (FW0/1) 1.5 dCi	2008->	
K9K 806	76	103
DW-TL ->04.2010	56026	
Kangoo Express (FW0/1) 1.5 dCi 85	2008->	
K9K 802/K9K 800	63	86
DW-TL K9K 802; ->04.2010	56026	
Koleos (HY) 2.0 dCi 4x4	2008->	
M9R856/M9R865/M9R866/M9R832/M9R862/M9R855	110	150
DW-TL	56025	
EUV-AGR M9R 832; Switch Valve; Electric	56035	
Koleos (HY) 2.0 dCi 4x4	2008->	
M9R 830	127	173
DW-TL	56025	
EUV-AGR Switch Valve; Electric	56035	
Laguna Coupe (DT0/1) 2.0 dCi	2008->	
M9R 809/M9R 815/M9R 800	127	173
DW-TL	56025	
EUV-AGR M9R 800; M9R 809; Switch Valve; Electric	56035	
Laguna Coupe (DT0/1) 2.0 dCi	2008->	
M9R 805/M9R 814/M9R 802	110	150
DW-TL	56025	
EUV-AGR M9R 802; M9R 805; Switch Valve; Electric	56035	
Laguna I (B56, 556) 1.9 dCi	1999-01	
F9Q 718	79	107
DW-AGR	56024	
Laguna I (B56, 556) 1.9 dTi	1997-01	
F9Q 717/F9Q 716/F9Q 710	72	98
DW-AGR	56024	
Laguna I Grandtour (K56) 1.9 dCi	1999-01	
F9Q 718	79	107
DW-AGR	56024	
Laguna I Grandtour (K56) 1.9 dTi	1997-01	
F9Q 717/F9Q 716/F9Q 710	72	98
DW-AGR	56024	
Laguna II (BG0/1) 1.9 dCi	2001->	
F9Q 670/F9Q 674/F9Q 750/F9Q 650	88	120
DW-AGR F9Q 750; ->08.2003	56024	
DW-TL	56027	
LDRV Switch Valve; Electric	56035	
Laguna II (BG0/1) 1.9 dCi	2001->	
F9Q 752	77	105
DW-AGR	56024	
Laguna II (BG0/1) 1.9 dCi	2001->	
F9Q 754	74	100
DW-AGR	56024	
Laguna II (BG0/1) 1.9 dCi	2004->	
F9Q 664	68	92
DW-AGR	56024	
Laguna II (BG0/1) 1.9 dCi	2005->	
F9Q 674/F9Q 758	81	110
DW-AGR	56024	
Laguna II (BG0/1) 1.9 dCi	2005->	
F9Q 758/F9Q 759	96	130
DW-TL	56027	
Laguna II (BG0/1) 1.9 dCi	2001->	
F9Q 718/F9Q 754	79	107
DW-AGR F9Q 754	56024	
LDRV Switch Valve; Electric	56035	

RENAULT Cont.		
Laguna II (BG0/1) 2.0 dCi	2005->	
M9R 740	110	150
DW-TL	56025	
EUV-AGR Switch Valve; Electric	56035	
Laguna II (BG0/1) 2.0 dCi	2006->	
M9R 760	127	173
DW-TL	56025	
EUV-AGR Switch Valve; Electric	56035	
Laguna II (BG0/1) 2.2 dCi	2001->	
G9T 700/G9T 702	110	150
DW-TL	56027	
EUV-SR G9T 702	56035	
Laguna II (BG0/1) 2.2 dCi	2005->	
G9T 707/G9T 600/G9T 706/G9T 605	102	140
DW-TL	56027	
EUV-AGR G9T 600; Switch Valve; Electric	56035	
EUV-SR G9T 605; G9T 706; G9T 707	56035	
Laguna II Grandtour (KG0/1) 1.9 dCi	2001->	
F9Q 670/F9Q 674/F9Q 750	88	120
DW-AGR F9Q 750; ->08.2003	56024	
DW-TL	56027	
LDRV Switch Valve; Electric	56035	
Laguna II Grandtour (KG0/1) 1.9 dCi	2001->	
F9Q 752	77	105
DW-AGR	56024	
Laguna II Grandtour (KG0/1) 1.9 dCi	2001->	
F9Q 752	74	100
DW-AGR	56024	
Laguna II Grandtour (KG0/1) 1.9 dCi	2004->	
F9Q 664	68	92
DW-AGR	56024	
DW-TL	56027	
LDRV Switch Valve; Electric	56035	
Laguna II Grandtour (KG0/1) 1.9 dCi	2005->	
F9Q 674/F9Q 758	81	110
DW-AGR	56024	
DW-TL	56027	
EUV-LS F9Q 674; Electric	56035	
Laguna II Grandtour (KG0/1) 1.9 dCi	2005->	
F9Q 758/F9Q 759	96	130
DW-TL	56027	
Laguna II Grandtour (KG0/1) 1.9 dCi	2001->	
F9Q 718/F9Q 754	79	107
DW-AGR	56024	
LDRV F9Q 754; Switch Valve; Electric	56035	
Laguna II Grandtour (KG0/1) 2.0 dCi	2005->	
M9R 740	110	150
DW-TL	56025	
EUV-AGR Switch Valve; Electric	56035	
Laguna II Grandtour (KG0/1) 2.0 dCi	2006->	
M9R 760	127	173
DW-TL	56025	
EUV-AGR Switch Valve; Electric	56035	
Laguna II Grandtour (KG0/1) 2.2 dCi	2001->	
G9T 702	110	150
DW-TL	56027	
EUV-SR G9T 702	56035	
Laguna II Grandtour (KG0/1) 2.2 dCi	2005->	
G9T 707/G9T 600/G9T 706	102	140
DW-TL	56027	
EUV-AGR G9T 600; Switch Valve; Electric	56035	
EUV-SR G9T 706; G9T 707	56035	
Laguna III (BT0/1) 1.5 dCi	2007->	
K9K 782/K9K 780	81	110
DW-TL ->04.2010	56026	
Laguna III (BT0/1) 2.0 dCi	2007->	
M9R 744/M9R 802/M9R 742	96	131
DW-TL	56025	
EUV-AGR Switch Valve; Electric	56035	
Laguna III (BT0/1) 2.0 dCi	2007->	
M9R 805/M9R 814/M9R 802	110	150
DW-TL	56025	
EUV-AGR M9R 802; M9R 805; Switch Valve; Electric	56035	
Laguna III (BT0/1) 2.0 dCi	2008->	
M9R 809/M9R 815/M9R 800	127	173
DW-TL	56025	
EUV-AGR M9R 800; M9R 809; Switch Valve; Electric	56035	



RENAULT Cont.		
Laguna III (BT0/1) 2.0 dCi GT	2008->	
M9R 816	131	178
DW-TL		56025
EUV-AGR Switch Valve; Electric		56035
Laguna III (BT0/1) 3.0 dCi	2008->	
V9X 791/V9X 891	173	235
DW-TL V9X 891		56025
EUV-AGR V9X 891; Switch Valve; Electric		56035
Laguna III Grandtour (KT0/1) 1.5 dCi	2007->	
K9K 782/K9K 780	81	110
DW-TL ->04.2010		56026
Laguna III Grandtour (KT0/1) 2.0 dCi	2007->	
M9R 744/M9R 802/M9R 742	96	131
DW-TL		56025
EUV-AGR Switch Valve; Electric		56035
Laguna III Grandtour (KT0/1) 2.0 dCi	2007->	
M9R 805/M9R 814/M9R 802	110	150
DW-TL		56025
EUV-AGR M9R 802; M9R 805; Switch Valve; Electric		56035
Laguna III Grandtour (KT0/1) 2.0 dCi	2008->	
M9R 809/M9R 815/M9R 800	127	173
DW-TL		56025
EUV-AGR M9R 800; M9R 809; Switch Valve; Electric		56035
Laguna III Grandtour (KT0/1) 2.0 dCi GT	2008->	
M9R 820/M9R 816	131	178
DW-TL M9R 816		56025
EUV-AGR M9R 816; Switch Valve; Electric		56035
Master II Bus (JD) 1.9 dTi	2000->	
F9Q 770	59	80
DW-AGR		56024
Master II Bus (JD) 2.5 D	1998-01	
S8U 770	59	80
LDRV Switch Valve; Electric		56035
Master II Bus (JD) 2.5 dCi	2006->	
G9U 650	88	120
EUV-LS Electric		56035
Master II Bus (JD) 2.5 dCi	2006->	
G9U 632	107	146
DW-TL		56027
EUV-LS Electric		56035
Master II Chassis (ED/HD/UD) 2.5 D	1998-01	
S8U 770	59	80
LDRV Switch Valve; Electric		56035
Master II Chassis (ED/HD/UD) 2.5 dCi	2006->	
G9U 650/G9U 754	74	101
EUV-LS G9U 650; Electric		56035
Master II Chassis (ED/HD/UD) 2.5 dCi	2006->	
G9U 632	107	146
DW-TL		56027
EUV-LS Electric		56035
Master II Van (FD) 1.9 dTi	2000->	
F9Q 770	59	80
DW-AGR		56024
Master II Van (FD) 2.5 D	1998-01	
S8U 770	59	80
EUV-LS Electric		56035
Master II Van (FD) 2.5 dCi	2006->	
G9U 650/G9U 754	74	101
EUV-LS G9U 650; Electric		56035
Master II Van (FD) 2.5 dCi	2006->	
G9U 650	88	120
EUV-LS Electric		56035
Master II Van (FD) 2.5 dCi	2006->	
G9U 632	107	146
DW-TL		56027
EUV-LS Electric		56035
Master III Van (FV) 2.3 dCi [RWD]	2010->	
M9T696/890/698/896/692/686/870/690	92	125
DW-TL M9TB 690; M9T 692		56025
EUV-AGR M9T 690; M9T 692; Switch Valve; Electric		56035
Master III Van (FV) 2.3 dCi [RWD]	2010->	
M9T 698/M9T 896/M9T 694	107	146
DW-TL M9T 698		56025
EUV-AGR M9T 698; Switch Valve; Electric		56035
Master III Van (FV) 2.3 dCi FWD	2010->	
M9T 890/M9T 670/M9T 672/M9T 870/M9T 676	74	101
DW-TL M9T 670; M9T 676		56025
EUV-AGR M9T 670; M9T 676; Switch Valve; Electric		56035

RENAULT Cont.		
Master III Van (FV) 2.3 dCi FWD	2010->	
M9T890/698/896/670/672/870/676	92	125
DW-TL M9T 670; M9T 676		56025
EUV-AGR M9T 670; M9T 676; Switch Valve; Electric		56035
Megane CC (EZ0/1) 2.0 dCi	2010->	
M9R 610	118	160
DW-TL		56025
EUV-AGR Switch Valve; Electric		56035
Megane I (BA0/1) 1.9 dCi	2001-03	
F9Q 733/F9Q 732	75	102
DW-AGR		56024
Megane I (BA0/1) 1.9 dT	1996-03	
F8Q 786/F8Q 784	66	90
Solenoid With cable		73015
Megane I (BA0/1) 1.9 dTi	1997-01	
F9Q 730/F9Q 734/F9Q 731/F9Q 736	72	98
DW-AGR F9Q734 F9Q731 F9Q736		56024
Megane I Classic (LA0/1) 1.9 dCi	2001-03	
F9Q 733/F9Q 738/F9Q 732	75	102
DW-AGR F9Q732 F9Q 733		56024
Megane I Classic (LA0/1) 1.9 dT	1996-03	
F8Q 786/F8Q 784	66	90
Solenoid With cable		73015
Megane I Classic (LA0/1) 1.9 dTi	1997-01	
F9Q 730/F9Q 734/F9Q 731/F9Q 736	72	98
DW-AGR F9Q730 F9Q731 F9Q736		56024
Megane I Coach (DA0/1) 1.9 dCi	2001-03	
F9Q 733/F9Q 732	75	102
DW-AGR		56024
Megane I Grandtour (KA0/1) 1.9 D	1999-03	
F8Q 622/F8Q 790	47	64
LDRV F8Q 790; Switch Valve; Electric		56035
Megane I Grandtour (KA0/1) 1.9 dCi	2001-03	
F9Q 733/F9Q 738/F9Q 732	75	102
DW-AGR F9Q732 F9Q733		56024
Megane I Grandtour (KA0/1) 1.9 dTi	1999-01	
F9Q 731/F9Q 736	72	98
DW-AGR		56024
Megane II (BM0/1, CM0/1) 1.5 dCi	2003-06	
K9K 729/K9K 728	74	101
DW-TL		56026
Megane II (BM0/1, CM0/1) 1.5 dCi	2005-08	
K9K 724	63	86
DW-TL		56026
Megane II (BM0/1, CM0/1) 1.5 dCi	2005-08	
K9K 734/K9K 732	78	106
DW-TL		56026
Megane II (BM0/1, CM0/1) 1.5 dCi	2007-08	
K9K 734	76	103
DW-TL		56026
Megane II (BM0/1, CM0/1) 1.9 dCi	2002-08	
F9Q 800	88	120
DW-TL		56027
LDRV Switch Valve; Electric		56035
Megane II (BM0/1, CM0/1) 1.9 dCi	2004-06	
F9Q 808	68	92
DW-TL		56027
LDRV Switch Valve; Electric		56035
Megane II (BM0/1, CM0/1) 1.9 dCi	2005-09	
F9Q 818/F9Q 803/F9Q 816/F9Q 804	96	131
DW-TL		56027
Megane II (BM0/1, CM0/1) 1.9 dCi	2005-08	
F9Q 818/F9Q 804	81	110
DW-TL		56027
Megane II (BM0/1, CM0/1) 1.9 dCi	2002-05	
F9Q 808	66	90
DW-TL		56027
LDRV Switch Valve; Electric		56035
Megane II (BM0/1, CM0/1) 1.9 dCi	2002-08	
F9Q 818/F9Q 816/F9Q 804	85	115
DW-TL		56027
Megane II (BM0/1, CM0/1) 2.0 dCi	2005-08	
M9R 722/M9R 700	110	150
DW-TL		56025
EUV-AGR Switch Valve; Electric		56035
Megane II (BM0/1, CM0/1) 2.0 dCi	2007-08	
M9R 724	127	173
DW-TL		56025
EUV-AGR Switch Valve; Electric		56035



RENAULT Cont.		
Megane II Coupé-Cabrio (EM0/1) 1.5 dCi	2006-08	
K9K 732	78	106
DW-TL		56026
Megane II Coupé-Cabrio (EM0/1) 1.5 dCi	2007-09	
K9K 734	76	103
DW-TL		56026
Megane II Coupé-Cabrio (EM0/1) 1.9 dCi	2003-09	
F9Q 800	88	120
DW-TL		56027
EUV-LS Electric		56035
Megane II Coupé-Cabrio (EM0/1) 1.9 dCi	2005-07	
F9Q 803/F9Q 804	96	131
DW-TL		56027
Megane II Coupé-Cabrio (EM0/1) 1.9 dCi	2005-09	
F9Q 818/F9Q 816/F9Q 804	81	110
DW-TL		56027
Megane II Coupé-Cabrio (EM0/1) 1.9 dCi	2003-09	
F9Q 818/F9Q 816/F9Q 804	85	115
DW-TL		56027
Megane II Coupé-Cabrio (EM0/1) 2.0 dCi	2005-09	
M9R 722/M9R 700	110	150
DW-TL		56025
EUV-AGR Switch Valve; Electric		56035
Megane II Grandtour (KM0/1) 1.5 dCi	2004-06	
K9K 729/K9K 728	74	101
DW-TL		56026
Megane II Grandtour (KM0/1) 1.5 dCi	2005-08	
K9K 734/K9K 732	78	106
DW-TL		56026
Megane II Grandtour (KM0/1) 1.5 dCi	2005-09	
K9K 724	63	86
DW-TL		56026
Megane II Grandtour (KM0/1) 1.5 dCi	2007-09	
K9K 728	76	103
DW-TL		56026
Megane II Grandtour (KM0/1) 1.9 dCi	2003-09	
F9Q 800	88	120
DW-TL		56027
Megane II Grandtour (KM0/1) 1.9 dCi	2004-07	
F9Q 808	68	92
DW-TL		56027
LDRV Switch Valve; Electric		56035
Megane II Grandtour (KM0/1) 1.9 dCi	2005-09	
F9Q 803/F9Q 804	96	131
DW-TL		56027
Megane II Grandtour (KM0/1) 1.9 dCi	2005-09	
F9Q 818/F9Q 804	81	110
DW-TL		56027
Megane II Grandtour (KM0/1) 1.9 dCi	2004-05	
F9Q 808	66	90
DW-TL		56027
LDRV Switch Valve; Electric		56035
Megane II Grandtour (KM0/1) 2.0 dCi	2005-09	
M9R 722/M9R 700	110	150
DW-TL		56025
EUV-AGR Switch Valve; Electric		56035
Megane II Sedan (LM0/1) 1.5 dCi	2004->	
K9K 729/K9K 728	74	101
DW-TL		56026
Megane II Sedan (LM0/1) 1.5 dCi	2005->	
K9K 724	63	86
DW-TL		56026
Megane II Sedan (LM0/1) 1.5 dCi	2005->	
K9K 732	78	106
DW-TL		56026
Megane II Sedan (LM0/1) 1.5 dCi	2007->	
K9K 734	76	103
DW-TL		56026
Megane II Sedan (LM0/1) 1.9 dCi	2003->	
F9Q 800	88	120
DW-TL		56027
LDRV Switch Valve; Electric		56035
Megane II Sedan (LM0/1) 1.9 dCi	2004->	
F9Q 808	68	92
DW-TL		56027
LDRV Switch Valve; Electric		56035
Megane II Sedan (LM0/1) 1.9 dCi	2005->	
F9Q 803/F9Q 804	96	131
DW-TL		56027

RENAULT Cont.		
Megane II Sedan (LM0/1) 1.9 dCi	2005->	
F9Q 818/F9Q 803/F9Q 816/F9Q 804	81	110
DW-TL		56027
Megane II Sedan (LM0/1) 1.9 dCi	2003-05	
F9Q 808	66	90
DW-TL		56027
LDRV Switch Valve; Electric		56035
Megane III Coupe (DZ0/1) 2.0 dCi	2009->	
M9R 610	118	160
DW-TL		56025
EUV-AGR Switch Valve; Electric		56035
Megane III Coupe (DZ0/1) 2.0 dCi	2009->	
M9R 615	110	150
DW-TL		56025
EUV-AGR Switch Valve; Electric		56035
Megane III Fastback (BZ0) 1.5 dCi	2009->	
K9K836/K9K656/K9K837/K9K846/K9K636/K9K657	81	110
DW-TL K9K 836		56026
Megane III Fastback (BZ0) 2.0 dCi	2009->	
M9R 610	118	160
DW-TL		56025
EUV-AGR Switch Valve; Electric		56035
Megane III Grandtour (KZ0/1) 1.5 dCi	2009->	
K9K 834	66	90
DW-TL		56026
Megane III Grandtour (KZ0/1) 1.5 dCi	2009->	
K9K 836/K9K 837/K9K 846/K9K 636	81	110
DW-TL K9K 836		56026
Megane III Grandtour (KZ0/1) 1.5 dCi	2009->	
K9K 836/K9K 846	78	106
DW-TL K9K 836		56026
Megane III Grandtour (KZ0/1) 2.0 dCi	2009->	
M9R 610	118	160
DW-TL		56025
EUV-AGR Switch Valve; Electric		56035
Megane Scenic (JA0/1) 1.9 D	1997-99	
F8Q 790	47	64
LDRV Switch Valve; Electric		56035
Megane Scenic (JA0/1) 1.9 dT	1997-99	
F8Q 786/F8Q 784	66	90
Solenoid With cable		73015
Megane Scenic (JA0/1) 1.9 dTi	1997-99	
F9Q 730/F9Q 734	72	98
DW-AGR F9Q734		56024
Modus / Grand Modus (F/JPO) 1.5 dCi	2004->	
K9K 766/K9K 760	63	86
DW-TL 9K9 766		56026
Modus / Grand Modus (F/JPO) 1.5 dCi	2005->	
K9K 764	78	106
DW-TL		56026
Modus / Grand Modus (F/JPO) 1.5 dCi	2007->	
K9K 772	76	103
DW-TL		56026
Scénic I (JA0/1) 1.9 D	1999-01	
F8Q 790	47	64
LDRV Switch Valve; Electric		56035
Scénic I (JA0/1) 1.9 dCi	1999-03	
F9Q 733/F9Q 732	75	102
DW-AGR		56024
Scénic I (JA0/1) 1.9 dCi RX4	2000-03	
F9Q 740	75	102
DW-AGR		56024
Scénic I (JA0/1) 1.9 dTi	1999-03	
F9Q 734/F9Q 731/F9Q 736	72	98
DW-AGR		56024
Scénic II (JM0/1) 1.5 dCi	2003->	
K9K 729/K9K 728	74	101
DW-TL K9K 728; ->04.2010		56026
Scénic II (JM0/1) 1.5 dCi	2005->	
K9K 724	63	86
DW-TL		56026
Scénic II (JM0/1) 1.5 dCi	2005->	
K9K 732	78	106
DW-TL		56026
Scénic II (JM0/1) 1.5 dCi	2007->	
K9K 734	76	103
DW-TL		56026



RENAULT Cont.		
Scénic II (JM0/1) 1.9 D	2006->	
F9Q J 803/F9Q 812	85	116
DW-TL	56027	
Scénic II (JM0/1) 1.9 dCi	2003->	
F9Q 812	88	120
DW-TL	56027	
EUV-LS Electric	56035	
Scénic II (JM0/1) 1.9 dCi	2005->	
F9Q J 803/F9Q 818/F9Q 816/F9Q 804	96	131
DW-TL	56027	
Scénic II (JM0/1) 1.9 dCi	2005->	
F9Q 804	81	110
DW-TL	56027	
Scénic II (JM0/1) 1.9 dCi	2003->	
F9Q 804	92	125
DW-TL	56027	
Scénic II (JM0/1) 2.0 dCi	2005->	
M9R 721/M9R 722/M9R 700	110	150
DW-TL	56025	
EUV-AGR Switch Valve; Electric	56035	
Scénic III (JZ0/1) 1.5 dCi	2009->	
K9K 832	78	106
DW-TL 04.2010->	56012	
DW-TL ->04.2010	56026	
Scénic III (JZ0/1) 2.0 dCi	2009->	
M9R 615	110	150
DW-TL	56025	
EUV-AGR Switch Valve; Electric	56035	
Scénic III (JZ0/1) 2.0 dCi	2009->	
M9R 610	118	160
DW-TL	56025	
EUV-AGR Switch Valve; Electric	56035	
Super 5 (B/C40) 1.4 Turbo	1985-90	
C1J 784/C1J 782/C1J 788	88	120
DW-TL	56039	
Super 5 (B/C40) 1.6 D	1985-96	
F8M 730/F8M 720	40	55
Solenoid	73010	
Thalia I (LB0/1/2) 1.5 dCi	2005->	
K9K 740	47	64
DW-TL	56026	
Trafic (T1, T3, T4) 2.1 D	1980-89	
852 750	43	58
Solenoid	73010	
Trafic (T1, T3, T4) 2.1 D 4x4	1986-89	
852 750	43	58
Solenoid	73010	
Trafic (TXX) 1.9 D	1997-01	
F8Q 606	44	60
LDRV Switch Valve; Electric	56035	
Solenoid With cable	73015	
Trafic (TXX) 2.1 D	1989-94	
852 750	43	58
Solenoid	73010	
Trafic (TXX) 2.1 D	1994-97	
J8S 758/J8S 620	47	64
Solenoid	73010	
Trafic Bus (T5, T6, T7) 2.1 D	1980-89	
852 750	43	58
Solenoid	73010	
Trafic Bus (TXW) 1.9 D	1997-01	
F8Q 606	44	60
LDRV Switch Valve; Electric	56035	
Solenoid With cable	73015	
Trafic Bus (TXW) 2.1 D	1989-94	
852 750/852 720	43	58
Solenoid	73010	
Trafic Bus (TXW) 2.1 D	1994-97	
J8S 758/J8S 620	47	64
Solenoid	73010	
Trafic Chassis (P6) 2.1 D	1980-89	
852 720	43	58
Solenoid	73010	
Trafic Chassis (PXX) 2.1 D [RWD]	1989-94	
852 720	43	58
Solenoid	73010	
Trafic Chassis (PXX) 2.1 D [RWD]	1994-97	
J8S 758/J8S 620	47	64
Solenoid	73010	

RENAULT Cont.		
Trafic Chassis (PXX) 2.5 D	1998-01	
S8U 780/S8U 758	55	75
EUV-AGR S8U 780; Switch Valve; Electric	56035	
Trafic II Bus (JL) 1.9 dCi 100	2001->	
F9Q 760	74	101
DW-AGR	56024	
Trafic II Bus (JL) 1.9 dCi 80	2001->	
F9Q 762	60	82
DW-AGR	56024	
Trafic II Bus (JL) 2.0 dCi 115	2006->	
M9R 782/M9R 780/M9R 630/M9R 692/M9R 786	84	114
Control Valve Heating	55007	
DW-AGR M9R780 M9R782 M9R786	56024	
EUV-AGR M9R 780; M9R 782; M9R 786; Switch Valve; Electric	56035	
Trafic II Bus (JL) 2.0 dCi 90	2006->	
M9R 782	66	90
Control Valve Heating	55007	
DW-AGR	56024	
EUV-AGR Switch Valve; Electric	56035	
Trafic II Bus (JL) 2.5 dCi 115	2008->	
G9U 630	84	114
Control Valve Heating	55007	
Trafic II Bus (JL) 2.5 dCi 135	2003->	
G9U 730	99	135
Control Valve Heating	55007	
DW-AGR	56024	
Trafic II Bus (JL) 2.5 dCi 145	2006->	
G9U 630	107	146
Control Valve Heating	55007	
DW-TL	56027	
EUV-LS Electric	56035	
Trafic II Chassis (EL) 1.9 dCi 100	2001->	
F9Q 760	74	101
DW-AGR	56024	
Trafic II Chassis (EL) 1.9 dCi 80	2001->	
F9Q 762	60	82
DW-AGR	56024	
Trafic II Chassis (EL) 2.0 dCi 115	2006->	
M9R 782/M9R 780/M9R 786	84	114
Control Valve Heating	55007	
DW-AGR	56024	
EUV-AGR Switch Valve; Electric	56035	
Trafic II Chassis (EL) 2.0 dCi 90	2006->	
M9R 782/M9R 780	66	90
Control Valve Heating	55007	
DW-AGR	56024	
EUV-AGR Switch Valve; Electric	56035	
Trafic II Chassis (EL) 2.5 dCi 135	2001->	
G9U 730	99	135
Control Valve Heating	55007	
DW-AGR	56024	
Trafic II Chassis (EL) 2.5 dCi 145	2006->	
G9U 630	107	146
Control Valve Heating	55007	
DW-TL	56027	
EUV-LS Electric	56035	
Trafic II Van (FL) 1.9 dCi 100	2001->	
F9Q 760	74	101
DW-AGR	56024	
Trafic II Van (FL) 1.9 dCi 80	2001->	
F9Q 760/F9Q 762	60	82
DW-AGR F9Q762	56024	
Trafic II Van (FL) 2.0 dCi 115	2006->	
M9R 782/M9R 780/M9R 692/M9R 786	84	114
Control Valve Heating	55007	
DW-AGR M9R780 M9R782	56024	
EUV-AGR M9R 780; M9R 782; M9R 786; Switch Valve; Electric	56035	
Trafic II Van (FL) 2.0 dCi 90	2006->	
M9R 782/M9R 780/M9R 630	66	90
Control Valve Heating	55007	
DW-AGR M9R 780; M9R 782; Switch Valve; Electric	56024	
EUV-AGR Electric	56035	
Trafic II Van (FL) 2.5 dCi 135	2003->	
G9U 730	99	135
Control Valve Heating	55007	
DW-AGR	56024	



RENAULT Cont.		
Traffic II Van (FL) 2.5 dCi 145	2006->	
G9U 630	107	146
Control Valve Heating	55007	
DW-TL	56027	
EUV-LS Electric	56035	
Twingo II (CNO) 1.5 dCi	2007->	
K9K 740	47	64
DW-TL	56026	
Twingo II (CNO) 1.5 dCi	2008->	
K9K 718	62	84
DW-TL	56026	
Vel Satis (BJO) 2.0 dCi	2005->	
M9R 760	110	150
DW-TL	56025	
EUV-AGR Switch Valve; Electric	56035	
Vel Satis (BJO) 2.0 dCi	2006->	
M9R 762/M9R 763/M9R 760	127	173
DW-TL	56025	
EUV-AGR Switch Valve; Electric	56035	
Vel Satis (BJO) 2.2 dCi	2002->	
G9T 703/G9T 702	110	150
DW-TL	56027	
LDRV Switch Valve; Electric	56035	
Vel Satis (BJO) 2.2 dCi	2004->	
G9T 607/G9T 600/G9T 606/G9T 700/G9T 702	102	140
DW-TL	56027	
EUV-AGR G9T 600; Switch Valve; Electric	56035	
LDRV G9T 606; G9T 607; G9T 702; Switch Valve; Electric	56035	
Vel Satis (BJO) 2.2 dCi	2004->	
G9T 600	85	116
DW-TL	56027	
EUV-AGR Switch Valve; Electric	56035	

RENAULT TRUCKS		
Midliner S 120.06/A	1990-92	
T 4.40	82	112
Solenoid	73013	
Midliner S 120.06/A,S 120.07/A	1992-94	
T 4.40 A/3; T 4.40 CC	88	120
Solenoid	73013	
Midliner S 120.06/A,S 120.07/A	1990-92	
T 4.40	82	112
Solenoid	73013	
Midliner S 120.07/A	1992-94	
T 4.40 A/3; T 4.40 CC	88	120
Solenoid	73013	
Midliner S 120.07/A	1990-92	
T 4.40	82	112
Solenoid	73013	
Midliner S 120.07/A	1990-92	
T 4.40	82	112
Solenoid	73013	
Midliner S 120.07/A	1990-92	
T 4.40	82	112
Solenoid	73013	
Midliner S 120.08/A	1992-94	
T 4.40 A/3; T 4.40 CC	88	120
Solenoid	73013	
Midliner S 120.08/A	1992-94	
T 4.40 A/3; T 4.40 CC	88	120
Solenoid	73013	
Midliner S 120.08/A	1990-92	
T 4.40	82	112
Solenoid	73013	
Midliner S 120.08/A	1992-92	
T 4.40	82	112
Solenoid	73013	
Midliner S 120.08/A	1990-92	
T 4.40	82	112
Solenoid	73013	
Midliner S 120.09/A	1992-94	
T 4.40 A/3; T 4.40 CC	88	120
Solenoid	73013	
Midliner S 120.09/A	1992-94	
T 4.40 A/3; T 4.40 CC	88	120
Solenoid	73013	

RENAULT TRUCKS Cont.		
Midliner S 120.09/B	1992-94	
T 4.40 A/3; T 4.40 CC	88	120
Solenoid	73013	
Midliner S 120.09/B BOM	1992-94	
T 4.40 A/3; T 4.40 CC	88	120
Solenoid	73013	
Midliner S 120.09/B BOM	1990-92	
T 4.40	82	112
Solenoid	73013	
Midliner S 120.09/B CIT	1990-92	
T 4.40	82	112
Solenoid	73013	
Midliner S 135.08/A	1994-96	
T 4.40 B/3	102	139
Solenoid	73013	
Midliner S 135.08/A	1994-96	
T 4.40 B/3	102	139
Solenoid	73013	
Midliner S 135.08/A,S 150.08/A	1996-00	
MIDR 04.02.26 A/41; MIDR 04.02.26 B/41	100-110	136-150
Solenoid	73013	
Midliner S 135.09/B,S 150.09/B	1996-00	
MIDR 04.02.26 A/41; MIDR 04.02.26 B/41	100-110	136-150
Solenoid	73013	

ROVER		
200 Hatchback (XW) 218 TD	1991-95	
XUD 7TE	65	88
Solenoid	73010	
400 (XW) 418 D	1991-95	
XUD9	49	67
Solenoid	73010	
400 (XW) 418 TD	1991-95	
XUD 7TE	65	88
Solenoid	73010	
400 Tourer (XW) 1.8 TD	1993-98	
XUD 7TE	65	88
Solenoid	73010	

SAAB		
9-3 (YS3D) 2.2 TiD	2000-02	
D223L	92	125
EUV-AGR Ch.41019993->; Switch Valve; Electric	56045	
EUV-LS Ch.41019993->; Electric	56045	
9-3 (YS3D) 2.2 TiD	1998-00	
X 22 DTH/D223L	85	115
EUV-AGR D223L; Ch.41019993->; Switch Valve; Electric	56045	
EUV-LS D223L; Ch.41019993->; Electric	56045	
9-3 (YS3F) 2.2 TiD	2002-15	
D223L	92	125
EUV-AGR Ch.41019993->; Switch Valve; Electric	56045	
EUV-LS Ch.41019993->; Electric	56045	

SEAT		
132 2.2 D	1979-82	
OM 615.912	44	60
Solenoid	73010	
Alhambra (710) 1.4 TSI	2010->	
CNWB/CTHA/CAVA	110	150
Control Valve Additional heating	55001	
Alhambra (710) 1.8 TFSI	2012->	
CDAA	118	160
Control Valve CDAA; Additional heating	55001	
Alhambra (710) 2.0 TDI	2011->	
CFFE/CUVA	85	115
Control Valve CFFE; Additional heating	55001	
Control Valve CUVA; Additional heating	55014	
DW-TL	56006	
Alhambra (710) 2.0 TDI	2010-11	
CFFA	100	136
Control Valve CFFA; Additional heating	55001	
DW-TL	56006	
Alhambra (710) 2.0 TDI	2010->	
CFFB	103	140
Control Valve CFFB; Additional heating	55001	
DW-TL	56006	



SEAT Cont.		
Alhambra (710) 2.0 TDI	2010->	
CFGB	125	170
Control Valve CFGB; Additional heating	55001	
DW-TL	56006	
Alhambra (710) 2.0 TDI	2012->	
CFGC	130	177
Control Valve CFGC; Additional heating	55001	
DW-TL	56006	
Alhambra (710) 2.0 TDI 4Drive	2011->	
CFFB	103	140
Control Valve CFFB; Additional heating	55001	
DW-TL	56006	
Alhambra (710) 2.0 TSI	2010->	
CCZA	147	200
Control Valve CCZA; Additional heating	55001	
Alhambra (7V8, 7V9) 1.9 TDI	2000-10	
BVK/AUY	85	115
DW-TL	56008	
DW-TL	56037	
Alhambra (7V8, 7V9) 1.9 TDI	2002-08	
ASZ	96	131
DW-TL	56008	
DW-TL ASZ	56037	
Alhambra (7V8, 7V9) 1.9 TDI	2005-07	
BTB	110	150
DW-TL	56008	
DW-TL BTB	56037	
Alhambra (7V8, 7V9) 1.9 TDI	1996-10	
ANU/1Z/AHU	66	90
DW-AGR 1Z; AHU	56047	
DW-TL	56008	
Solenoid	73012	
Alhambra (7V8, 7V9) 1.9 TDI	1996-00	
AVG/AFN	81	110
DW-AGR AFN	56047	
DW-TL	56005	
Solenoid	73012	
Alhambra (7V8, 7V9) 1.9 TDI 4motion	2000-10	
BVK/AUY	85	115
DW-TL	56008	
DW-TL	56037	
Alhambra (7V8, 7V9) 2.0 TDI	2005-10	
BRT	103	140
DW-TL	56006	
Altea (5P1) 1.9 TDI	2004->	
BXE/BKC/BJB/BLS	77	105
DW-TL BLS	56006	
Altea (5P1) 2.0 TDI	2006->	
CEGA/BMN	125	170
DW-TL BMN	56006	
Altea (5P1) 2.0 TDI	2005->	
BMM	103	140
DW-TL	56006	
Altea XL (5P5, 5P8) 1.9 TDI	2006->	
BXE/BKC/BLS	77	105
DW-TL BLS	56006	
Altea XL (5P5, 5P8) 2.0 TDI	2006->	
BMM	103	140
DW-TL	56006	
Altea XL (5P5, 5P8) 2.0 TDI	2007->	
CEGA/BMN	125	170
DW-TL BMN	56006	
Altea XL (5P5, 5P8) 2.0 TDI 4x4	2007->	
CEGA/BMN/CFJA	125	170
DW-TL BMN	56006	
Altea XL (5P5, 5P8) 2.0 TDI 4x4	2007->	
BMM	103	140
DW-TL	56006	
Arosa (6H) 1.4 TDI	2000-04	
AMF	55	75
DW-AGR	56047	
Arosa (6H) 1.7 SDI	1997-04	
AKU	44	60
DW-TL	56005	
Solenoid	73012	
Cordoba (6K1, 6K2) 1.9 D	1993-96	
1Y	50	68
Solenoid	73012	

SEAT Cont.		
Cordoba (6K1, 6K2) 1.9 D	1996-96	
1Y	47	64
Solenoid	73012	
Cordoba (6K1, 6K2) 1.9 SDI	1996-99	
AEY	47	64
DW-AGR AEY	56047	
Solenoid	73012	
Cordoba (6K1, 6K2) 1.9 TD	1993-96	
AAZ	55	75
Solenoid	73012	
Cordoba (6K1, 6K2) 1.9 TDI	1996-99	
1Z/AHU	66	90
DW-AGR	56047	
Solenoid	73012	
Cordoba (6K1, 6K2) 1.9 TDI	1997-99	
AFN	81	110
DW-AGR AFN	56047	
DW-TL	56005	
Solenoid	73012	
Cordoba (6K2) 1.9 SDI	1999-02	
AQM/AGP	50	68
DW-AGR Ch.6K-X-400 000-6K-X-499 999	56047	
Cordoba (6K2) 1.9 TDI	1999-02	
AHU/AGR/ALH	66	90
DW-AGR AGR; ALH; Ch.6K-X-400 000-6K-X-499 999	56047	
DW-TL ALH; Ch.6K-X-400 000-6K-X-499 999	56005	
Solenoid	73012	
Cordoba (6K2) 1.9 TDI	1999-02	
ASK/ASV	81	110
DW-AGR ASV; Ch.6K-X-400 000-6K-X-499 999	56047	
DW-TL ASV; Ch.6K-X-400 000-6K-X-499 999	56005	
Solenoid	73012	
Cordoba (6L2) 1.4 TDI	2005-09	
BMS/BNV	59	80
DW-TL BMS	56006	
Cordoba (6L2) 1.9 SDI	2002-09	
ASY	47	64
DW-TL	56008	
Cordoba (6L2) 1.9 TDI	2002-09	
BMT/AXR/ATD	74	100
DW-TL BMT	56006	
Cordoba Vario (6K5) 1.9 SDI	1999-02	
AQM/AGP	50	68
DW-AGR Ch.6K-X-400 000-6K-X-499 999	56047	
Cordoba Vario (6K5) 1.9 SDI	1996-99	
AEY	47	64
DW-AGR AEY	56047	
Solenoid	73012	
Cordoba Vario (6K5) 1.9 TDI	1999-02	
AGR/ALH	66	90
DW-AGR AGR; ALH; Ch.6K-X-400 000-6K-X-499 999	56047	
DW-TL ALH; Ch.6K-X-400 000-6K-X-499 999	56005	
Solenoid	73012	
Cordoba Vario (6K5) 1.9 TDI	1999-02	
ASK/ASV	81	110
DW-AGR ASV; Ch.6K-X-400 000-6K-X-499 999	56047	
DW-TL ASV; Ch.6K-X-400 000-6K-X-499 999	56005	
Solenoid	73012	
Cordoba Vario (6K5) 1.9 TDI	1996-99	
1Z/AHU	66	90
DW-AGR	56047	
Solenoid	73012	
Cordoba Vario (6K5) 1.9 TDI	1997-99	
AFN	81	110
DW-AGR AFN	56047	
DW-TL	56005	
Solenoid	73012	
Ibiza I (021A) 1.7 D	1984-93	
022 A.5000	40	54
Solenoid Only for Delphi Equipment	73010	
Solenoid Only for Bosch Equipment	73012	
Ibiza I (021A) 1.7 D	1990-93	
022 A.5000	42	57
Solenoid Only for Delphi Equipment	73010	
Solenoid Only for Bosch Equipment	73012	
Ibiza II (6K1) 1.9 D	1994-96	
1Y	50	68
Solenoid	73012	



SEAT Cont.		
Ibiza II (6K1) 1.9 D		1993-96
1Y	47	64
Solenoid		73012
Ibiza II (6K1) 1.9 SDI		1996-99
AEY	47	64
DW-AGR AEY		56047
Solenoid		73012
Ibiza II (6K1) 1.9 TD		1993-96
AAZ	55	75
Solenoid		73012
Ibiza II (6K1) 1.9 TDI		1996-99
1Z/AHU	66	90
DW-AGR		56047
Solenoid		73012
Ibiza II (6K1) 1.9 TDI		1997-99
AFN	81	110
DW-AGR AFN		56047
DW-TL		56005
Solenoid		73012
Ibiza III (6K1) 1.9 SDI		1999-02
AQM/AGP	50	68
DW-AGR Ch.6K-X-400 000-6K-X-499 000		56047
Ibiza III (6K1) 1.9 TDI		1999-02
AGR/ALH	66	90
DW-AGR Ch.6K-X-400 000-6K-X-499 000		56047
DW-TL ALH; Ch.6K-X-400 000-6K-X-499 000		56005
Solenoid		73012
Ibiza III (6K1) 1.9 TDI		1999-02
ASK/ASV	81	110
DW-AGR ASV; Ch.6K-X-400 000-6K-X-499 000		56047
DW-TL ASV; Ch.6K-X-400 000-6K-X-499 000		56005
Solenoid		73012
Ibiza IV (6L1) 1.4 TDI		2005-09
BMS/BNV	59	80
DW-TL BMS		56006
Ibiza IV (6L1) 1.9 SDI		2002-05
ASY	47	64
DW-TL		56008
Ibiza IV (6L1) 1.9 TDI		2002-09
BMT/AXR/ATD	74	100
DW-TL BMT		56006
Ibiza V (6J5) 1.4 TDI		2008-10
BMS	59	80
DW-TL		56006
Ibiza V (6J5) 1.9 TDI		2008-10
BXJ	66	90
DW-TL Ch.6J-9-000 001		56006
Ibiza V (6J5) 1.9 TDI		2008-10
BLS	77	105
DW-TL Ch.6J-9-000 001		56006
Ibiza V Sportcoupe (6J1) 1.4 TDI		2008-10
BMS	59	80
DW-TL		56006
Ibiza V Sportcoupe (6J1) 1.9 TDI		2008-10
BXJ	66	90
DW-TL Ch.6J-9-000 001		56006
Ibiza V Sportcoupe (6J1) 1.9 TDI		2008-10
BLS	77	105
DW-TL Ch.6J-9-000 001		56006
Inca (6K9) 1.7 D		1996-03
AHB	42	57
DW-AGR		56047
Inca (6K9) 1.9 D		1995-03
1Y	47	64
Solenoid		73012
Inca (6K9) 1.9 SDI		1995-03
AYQ/AEY	47	64
DW-AGR		56047
Leon (1M1) 1.8 20V		1999-06
AGN/APG	92	125
EUV-SR ->Ch.1M-1-025 000		56033
Leon (1M1) 1.9 SDI		1999-06
AQM	50	68
DW-AGR Ch.1M-X-025 000->		56047
DW-TL Ch.1M-Y-000 001		56008

SEAT Cont.		
Leon (1M1) 1.9 TDI		1999-06
AGR/ALH	66	90
DW-AGR ->Ch.1M-X-025 000		56047
DW-TL ALH; ->Ch.1M-X-025 000		56005
DW-TL Ch.1M-Y-000 001		56008
DW-TL ALH; Ch.1-M-Y-000 001		56037
Solenoid		73012
Leon (1M1) 1.9 TDI		1999-06
AHF/ASV	81	110
DW-AGR ->Ch.1M-X-025 000		56047
DW-TL ->Ch.1M-X-025 000		56005
DW-TL Ch.1M-Y-000 001		56008
DW-TL Ch.1M-Y-000 001->		56037
Solenoid		73012
Leon (1M1) 1.9 TDI		2000-06
ARL	110	150
DW-TL		56006
DW-TL		56008
Leon (1M1) 1.9 TDI		2003-06
ASZ	96	130
DW-TL		56006
DW-TL		56008
Leon (1M1) 1.9 TDI		2005-06
AXR	74	100
DW-TL		56006
DW-TL		56008
Leon (1M1) 1.9 TDI Syncro		2002-06
ARL	110	150
DW-TL		56006
DW-TL		56008
Leon (1P1) 2.0 TDI		2006-12
CEGA/BMN/CFJA	125	170
DW-TL BMN; Ch.1P-6-000-001		56006
Leon (1P1) 2.0 TDI		2005-10
BMM	103	140
DW-TL Ch.1P-6-000 001		56006
Malaga (023A) 1.7 D		1985-93
022 A.5000	40	54
Solenoid		73012
Malaga (023A) 1.7 D		1990-93
022 A.5000	42	57
Solenoid		73012
Ritmo (138) 1.7 D		1979-83
022 A.5000	41	56
Solenoid		73012
Ronda (022A) 1.7 Diesel		1982-86
022 A.5000	40	54
Solenoid Only for Delphi Equipment		73010
Solenoid Only for Bosch Equipment		73012
Ronda (022A) 1.7 Diesel		1982-86
022 A.5000	41	56
Solenoid Only for Delphi Equipment		73010
Solenoid Only for Bosch Equipment		73012
Toledo I (1L) 1.9 D		1991-99
1Y	50	68
Solenoid		73012
Toledo I (1L) 1.9 D		1995-99
1Y	47	64
Solenoid		73012
Toledo I (1L) 1.9 TD		1991-99
AAZ	55	75
Solenoid		73012
Toledo I (1L) 1.9 TDI		1995-99
1Z/AHU	66	90
DW-AGR AHU		56047
Solenoid		73012
Toledo I (1L) 1.9 TDI		1996-99
AFN	81	110
DW-AGR AFN		56047
DW-TL		56005
Toledo II (1M2) 1.8 20V		1998-04
AGN/APG	92	125
EUV-SR Ch.1M-X-000 001-1M-1-025 000		56033



SEAT Cont.		
Toledo II (1M2) 1.9 TDI		1999-04
AGR/ALH	66	90
DW-AGR	->Ch.1M-X-025 000	56047
DW-TL	ALH; ->Ch.1M-X-025 000	56005
DW-TL	Ch.1M-Y-000 001	56008
DW-TL	ALH; ->Ch.1M-Y-000 001	56037
Solenoid		73012
Toledo II (1M2) 1.9 TDI		1998-04
AHF/ASV	81	110
DW-AGR	->Ch.1M-X-025 000	56047
DW-TL	->Ch.1M-X-025 000	56005
DW-TL	Ch.1M-Y-000 001	56008
DW-TL	Ch.1M-Y-000 001->	56037
Solenoid		73012
Toledo II (1M2) 1.9 TDI		2000-04
ARL	110	150
DW-TL		56006
DW-TL		56008
Toledo II (1M2) 1.9 TDI		2003-06
ASZ	96	130
DW-TL		56006
DW-TL		56008
Toledo III (5P2) 1.9 TDI		2004-09
BXE/BKC/BJB/BLS	77	105
DW-TL	BLS	56006
Toledo III (5P2) 2.0 TDI		2006-09
CEGA/BMN	125	170
DW-TL	BMN	56006
Toledo III (5P2) 2.0 TDI		2005-09
BMM	103	140
DW-TL		56006

SKODA		
Fabia (6Y2) 1.9 SDI		1999-08
ASY	47	64
DW-TL		56008
Fabia (6Y2) 1.9 TDI		2000-08
AXR/ATD	74	100
DW-TL		56008
DW-TL	ATD	56037
Fabia 1.4 TDI		2007-10
BMS/BNV	59	80
DW-TL	BMS; Ch.5J-7-000 001	56006
Fabia 1.9 TDI		2007-10
BSW/BLS	77	105
DW-TL	BLS; Ch.5J-7-000 001	56006
Fabia Combi (6Y5) 1.9 SDI		2000-07
ASY	47	64
DW-TL		56008
Fabia Combi (6Y5) 1.9 TDI		2000-07
AXR/ATD	74	100
DW-TL	ATD	56008
DW-TL	ATD	56037
Fabia Combi 1.4 TDI		2007-10
BMS/BNV	59	80
DW-TL	BMS; Ch.5J-7-000 001	56006
Fabia Combi 1.9 TDI		2007-10
BSW/BLS	77	105
DW-TL	BLS; Ch.5J-7-000 001	56006
Fabia Praktik 1.9 SDI		2001-07
ASY	47	64
DW-TL		56008
Fabia Sedan (6Y3) 1.9 SDI		1999-07
ASY	47	64
DW-TL		56008
Fabia Sedan (6Y3) 1.9 TDI		2000-07
AXR/ATD	74	100
DW-TL	ATD	56008
DW-TL	ATD	56037
Felicia I (6U1) 1.9 D		1995-98
AEF	47	64
Solenoid	With cable	73015
Felicia I Fun (797) 1.9 D		1997-02
AEF	47	64
Solenoid	With cable	73015
Felicia I Kombi (6U5) 1.9 D		1995-98
AEF	47	64
Solenoid	With cable	73015

SKODA Cont.		
Felicia II (6U1) 1.9 D		1998-01
AEF	47	64
Solenoid	With cable	73015
Felicia II Kombi (6U5) 1.9 D		1998-01
AEF	47	64
Solenoid	With cable	73015
Octavia (1U2) 1.8		1996-00
AGN	92	125
EUV-SR	Ch.1U-W-000 001->	56033
Octavia (1U2) 1.9 SDI		1997-03
AQM/AGP	50	68
DW-AGR	AGP; ->Ch.1U-X-208 700	56047
DW-TL	Ch.1U-Y-208 701	56008
Octavia (1U2) 1.9 TDI		2002-04
ASZ	96	130
DW-TL	Ch.1Z-4-000 001	56006
DW-TL		56008
Octavia (1U2) 1.9 TDI		2005-10
AXR	74	100
DW-TL	AXR	56006
DW-TL		56008
Octavia (1U2) 1.9 TDI		1996-10
AGR/ALH	66	90
DW-AGR	AGR; ->Ch.1U-X-208 700	56047
DW-TL	Ch.1U-Y-208701	56008
DW-TL	ALH	56037
Solenoid		73012
Octavia (1U2) 1.9 TDI		1997-06
AHF/ASV	81	110
DW-AGR	->Ch.1U-X-208 700	56047
DW-TL	->Ch.1U-X-208 700	56005
DW-TL	Ch.1U-Y-208701	56008
DW-TL	Ch.1U-Y-208 701->	56037
Solenoid		73012
Octavia (1Z3) 1.2 TSI		2010-13
CBZB	77	105
Control Valve	Ch.1Z-9-000 0001->; Additional heating	55001
Octavia (1Z3) 1.4		2004-06
BCA	55	75
Control Valve	Ch.1Z-4-000 001->; Additional heating	55001
Octavia (1Z3) 1.4		2004-13
BUD/CGGA	59	80
Control Valve	Ch.1Z-4-000 001,1Z-9-000 001; Additional heating	55001
Octavia (1Z3) 1.4 TSI		2008-13
CAXA	90	122
Control Valve	Ch.1Z-9-000 001->; Additional heating	55001
Octavia (1Z3) 1.6		2004-13
BGU/CCSA/BSF/CMXA/BSE	75	102
Control Valve	Ch.1Z-4-000 001,1Z-9-000 001; Additional heating	55001
Octavia (1Z3) 1.6 FSI		2004-08
BLF	85	115
Control Valve	Ch.1Z-4-000 001->; Additional heating	55001
Octavia (1Z3) 1.6 LPG		2009-12
CHGA	75	102
Control Valve	Ch.1Z-9-000 001->; Additional heating	55001
Octavia (1Z3) 1.6 MultiFuel		2008-13
CCSA/CMXA	75	102
Control Valve	Ch.1Z-4-000 001,1Z-9-000 001; Additional heating	55001
Octavia (1Z3) 1.6 TDI		2009-13
CAYC	77	105
Control Valve	Ch.1Z-9-000 001->; Additional heating	55001
Octavia (1Z3) 1.8 TSI		2007-13
BZB/CDAA	118	160
Control Valve	Ch.1Z-4-000 001,1Z-9-000 001; Additional heating	55001
Octavia (1Z3) 1.8 TSI		2009-13
CDAB	112	152
Control Valve	Ch.1Z-9-000 001->; Additional heating	55001
Octavia (1Z3) 1.9 TDI		2004-10
BXE/BKC/BJB/BLS	77	105
Control Valve	Ch.1Z-4-000 001->; Additional heating	55001
DW-TL	Ch.1Z-4-000 001->	56006
Octavia (1Z3) 2.0 FSI		2004-08
BLY/BLR/BVZ/BVY	110	150
Control Valve	Ch.1Z-4-000 001->; Additional heating	55001
Octavia (1Z3) 2.0 RS		2005-13
BWA/CCZA	147	200
Control Valve	Ch.1Z-4-000 001,1Z-9-000 001; Additional heating	55001



SKODA Cont.		
Octavia (1Z3) 2.0 TDI		
BMM	103	140
Control Valve Ch.1Z-4-000 001->; Additional heating	55001	
DW-TL Ch.1Z-4-000 001	56006	
Octavia (1Z3) 2.0 TDI 16V		
CFHC/CLCB/BKD	103	140
Control Valve Ch.1Z-4-000 001,1Z-9-000 001; Additional heating	55001	
Octavia (1Z3) 2.0 TDI RS		
CEGA/BMN	125	170
Control Valve Ch.1Z-4-000 001->; Additional heating	55001	
DW-TL BMN; Ch.1Z-4-000 001	56006	
Octavia Combi (1U5) 1.8 20V		
AGN	92	125
EUV-SR Ch.1U-W-000 001->	56033	
Octavia Combi (1U5) 1.9 SDI		
AQM/AGP	50	68
DW-AGR AGP; ->Ch.1U-X-208 700	56047	
DW-TL Ch.1U-Y-208 701	56008	
Octavia Combi (1U5) 1.9 TDI		
ASZ	96	130
DW-TL	56006	
DW-TL	56008	
Octavia Combi (1U5) 1.9 TDI		
AXR	74	100
DW-TL	56006	
DW-TL	56008	
Octavia Combi (1U5) 1.9 TDI		
AGR/ALH	66	90
DW-AGR AGR; ->Ch.1U-X-208 700	56047	
DW-TL Ch.1U-Y-208 701	56008	
DW-TL ALH	56037	
Solenoid	73012	
Octavia Combi (1U5) 1.9 TDI		
AHF/ASV	81	110
DW-AGR ->Ch.1U-X-208 700	56047	
DW-TL ->Ch.1U-X-208 700	56005	
DW-TL Ch.1U-Y-208 701	56008	
DW-TL Ch.1U-Y-208 701->	56037	
Solenoid	73012	
Octavia Combi (1U5) 1.9 TDI 4x4		
AGR	66	90
DW-AGR ->Ch.1U-X-208 700	56047	
DW-TL Ch.1U-Y-208 701	56008	
Solenoid	73012	
Octavia Combi (1U5) 1.9 TDI 4x4		
ATD	74	100
DW-TL	56008	
DW-TL ATD	56037	
Octavia Combi (1Z5) 1.2 TSI		
CBZB	77	105
Control Valve Ch.1Z-9-000 001->; Additional heating	55001	
Octavia Combi (1Z5) 1.4		
BUD/CGGA	59	80
Control Valve Ch.1Z-4-000 001,1Z-9-000 001; Additional heating	55001	
Octavia Combi (1Z5) 1.4		
BCA	55	75
Control Valve Ch.1Z-4-000 001->; Additional heating	55001	
Octavia Combi (1Z5) 1.4 TSI		
CAXA	90	122
Control Valve Ch.1Z-9-000 001->; Additional heating	55001	
Octavia Combi (1Z5) 1.6		
BGU/CCSA/BSF/CMXA/BSE	75	102
Control Valve Ch.1Z-4-000 001,1Z-9-000 001; Additional heating	55001	
Octavia Combi (1Z5) 1.6 FSI		
BLF	85	115
Control Valve Ch.1Z-4-000 001->; Additional heating	55001	
Octavia Combi (1Z5) 1.6 LPG		
CHGA	75	102
Control Valve Ch.1Z-9-000 001->; Additional heating	55001	
Octavia Combi (1Z5) 1.6 MultiFuel		
CCSA/CMXA	75	102
Control Valve Ch.1Z-4-000 001,1Z-9-000 001; Additional heating	55001	
Octavia Combi (1Z5) 1.6 TDI		
CAYC	77	105
Control Valve Ch.1Z-9-000 001->; Additional heating	55001	
Octavia Combi (1Z5) 1.6 TDI 4x4		
CAYC	77	105
Control Valve Ch.1Z-9-000 001->; Additional heating	55001	

SKODA Cont.		
Octavia Combi (1Z5) 1.8 TSI		
BZB/CDAA	118	160
Control Valve Ch.1Z-4-000 001,1Z-9-000 001; Additional heating	55001	
Octavia Combi (1Z5) 1.8 TSI 4x4		
CDAA	118	160
Control Valve Ch.1Z-9-000 001->; Additional heating	55001	
Octavia Combi (1Z5) 1.8 TSI 4x4		
CDAB	112	152
Control Valve Ch.1Z-9-000 001->; Additional heating	55001	
Octavia Combi (1Z5) 1.9 TDI		
BXE/BKC/BJB/BLS	77	105
Control Valve Ch.1Z-4-000 001->; Additional heating	55001	
DW-TL BLS; Ch.1Z-4-000 001	56006	
Octavia Combi (1Z5) 1.9 TDI 4x4		
BXE/BKC/BLS	77	105
Control Valve Ch.1Z-4-000 001->; Additional heating	55001	
DW-TL BLS; Ch.1Z-4-000 001	56006	
Octavia Combi (1Z5) 2.0 FSI		
BLV/BLR/BVZ/BVY	110	150
Control Valve Ch.1Z-4-000 001->; Additional heating	55001	
Octavia Combi (1Z5) 2.0 FSI 4x4		
BVX/BLX	110	150
Control Valve Ch.1Z-4-000 001->; Additional heating	55001	
Octavia Combi (1Z5) 2.0 RS		
BWA/CCZA	147	200
Control Valve Ch.1Z-4-000 001,1Z-9-000 001; Additional heating	55001	
Octavia Combi (1Z5) 2.0 TDI		
BMM	103	140
Control Valve Ch.1Z-4-000 001->; Additional heating	55001	
DW-TL Ch.1Z-4-000 001	56006	
Octavia Combi (1Z5) 2.0 TDI 16V		
CFHC/CLCB/BKD	103	140
Control Valve Ch.1Z-4-000 001,1Z-9-000 001; Additional heating	55001	
Octavia Combi (1Z5) 2.0 TDI 16V		
AZV	100	136
Control Valve Ch.1Z-4-000 001->; Additional heating	55001	
Octavia Combi (1Z5) 2.0 TDI 16V 4x4		
CFHC	103	140
Control Valve Ch.1Z-9-000 001->; Additional heating	55001	
Octavia Combi (1Z5) 2.0 TDI 4x4		
BMM	103	140
Control Valve Ch.1Z-4-000 001->; Additional heating	55001	
DW-TL Ch.1Z-4-000 001	56006	
Octavia Combi (1Z5) 2.0 TDI RS		
CEGA/BMN	125	170
Control Valve Ch.1Z-4-000 001->; Additional heating	55001	
DW-TL BMN; Ch.1Z-4-000 001	56006	
Roomster (5J) 1.4 TDI		
BMS/BNV	59	80
DW-TL BMS	56006	
Roomster (5J) 1.9 TDI		
BSW/BLS	77	105
DW-TL BLS	56006	
Roomster Praktik (5J) 1.4 TDI		
BMS/BNV	59	80
DW-TL BMS	56006	
Superb (3T4) 1.4 TSI		
CAXC	92	125
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
Superb (3T4) 1.6 TDI		
CAYC	77	105
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
Superb (3T4) 1.8 TSI		
BZB/CDAA	118	160
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
Superb (3T4) 1.8 TSI 4x4		
CDAA	118	160
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
Superb (3T4) 1.9 TDI		
BXE/BLS	77	105
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
DW-TL	56008	
Superb (3T4) 2.0 TDI		
BMP	103	140
Control Valve BMP; Additional heating	55001	
DW-TL Ch.3T-8-000 001	56006	



SKODA Cont.		
Superb (3T4) 2.0 TDI	2008-15	
CFGB/CBBB	125	170
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
DW-TL CBBB; Ch.3T-8-000 001	56006	
Superb (3T4) 2.0 TDI 16V	2009-15	
CFFB/CLJA/BKD	103	140
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
Superb (3T4) 2.0 TDI 16V 4x4	2010-15	
CFFB	103	140
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
Superb (3T4) 2.0 TDI 4x4	2008-15	
CFGB/CBBB	125	170
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
DW-TL CBBB; Ch.3T-8-000 001	56006	
Superb (3T4) 2.0 TSI	2010-15	
CCZA	147	200
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
Superb (3T4) 3.6 V6 4x4	2008-15	
CDVA	191	260
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
Superb (3U4) 1.9 TDI	2001-08	
AWX/AVF	96	130
DW-TL	56008	
DW-TL	56037	
Superb (3U4) 1.9 TDI	2002-05	
AVB	74	101
DW-AGR AVB	56047	
DW-TL	56008	
DW-TL AVB	56037	
Superb (3U4) 1.9 TDI	2007-08	
BPZ	85	115
DW-TL	56008	
Superb (3U4) 1.9 TDI	2005-07	
BSV	77	105
DW-TL	56008	
Superb (3U4) 2.0 TDI	2005-08	
BSS	103	140
DW-TL	56008	
DW-TL	56037	
Superb (3U4) 2.5 TDI	2001-03	
AYM	114	155
DW-TL Ch.3U-29009 507	56006	
Superb (3U4) 2.5 TDI	2003-08	
BDG	120	163
DW-TL Ch.3U-29009 507	56006	
Superb Kombi (3T5) 1.4 TSI	2009-15	
CAXC	92	125
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
Superb Kombi (3T5) 1.6 TDI	2010-15	
CAYC	77	105
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
Superb Kombi (3T5) 1.8 TSI	2009-15	
CDAA	118	160
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
Superb Kombi (3T5) 1.8 TSI 4x4	2009-15	
CDAA	118	160
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
Superb Kombi (3T5) 1.9 TDI	2009-10	
BXE/BLS	77	105
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
DW-TL	56008	
Superb Kombi (3T5) 2.0 TDI	2009-15	
CFGB/CBBB	125	170
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
DW-TL CBBB; Ch.3T-8-000 001	56006	
Superb Kombi (3T5) 2.0 TDI	2009-10	
BMP	103	140
Control Valve BMP; Additional heating	55001	
DW-TL Ch.3T-8-000 001	56006	
Superb Kombi (3T5) 2.0 TDI 16V	2009-15	
CFFB/CLJA/BKD	103	140
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
Superb Kombi (3T5) 2.0 TDI 16V 4x4	2010-15	
CFFB	103	140
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
Superb Kombi (3T5) 2.0 TDI 4x4	2009-15	
CFGB/CBBB	125	170
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
DW-TL CBBB; Ch.3T-8-000 001	56006	

SKODA Cont.		
Superb Kombi (3T5) 2.0 TSI	2010-15	
CCZA	147	200
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
Superb Kombi (3T5) 3.6 V6 4x4	2009-15	
CDVA	191	260
Control Valve Ch.3T-8-000 001->; Additional heating	55001	
Yeti (5L) 1.2 TSI	2009->	
CBZB	77	105
Control Valve CBZB; Additional heating	55001	
Yeti (5L) 1.4 TSI	2010->	
CAXA	90	122
Control Valve CAXA; Additional heating	55001	
Yeti (5L) 1.6	2014->	
CWVA	81	110
Control Valve CWVA; Additional heating	55001	
Yeti (5L) 1.6 TDI	2010->	
CAYC	77	105
Control Valve CAYC; Additional heating	55001	
Yeti (5L) 1.8 TSI 4x4	2009->	
CDAA	118	160
Control Valve CDAA; Additional heating	55001	
Yeti (5L) 1.8 TSI 4x4	2009->	
CDAB	112	152
Control Valve CDAB; Additional heating	55001	
Yeti (5L) 2.0 TDI	2011->	
CFHC	103	140
Control Valve CFHC; Additional heating	55001	
Yeti (5L) 2.0 TDI	2009->	
CLCA/DFSA/CUUA/CFHA	81	110
Control Valve CFHA; CLCA; Additional heating	55001	
Yeti (5L) 2.0 TDI 4x4	2009->	
DFSA/CUUA/CFHF	81	110
Control Valve CFHF; Additional heating	55001	
Yeti (5L) 2.0 TDI 4x4	2009->	
CBDB/CFHC/CLCB	103	140
Control Valve Additional heating	55001	
Yeti (5L) 2.0 TDI 4x4	2009->	
CEGA/CFJA	125	170
Control Valve Additional heating	55001	
SMART		
Fortwo Cabrio (450) 0.8 CDI	2004-07	
OM 660 DE 8LA/OM 660.940	30	41
DW-TL	56031	
Fortwo Cabrio (451) 0.8 CDI	2007->	
OM 660.950	33	45
DW-TL	56031	
Fortwo Cabrio (451) 0.8 CDI	2009->	
OM 660.951	40	54
DW-TL	56031	
Fortwo Coupe (450) 0.8 CDI	2004-07	
OM 660.940	30	41
DW-TL	56031	
Fortwo Coupe (451) 0.8 CDI	2009->	
OM 660.951	40	54
DW-TL	56031	
SUZUKI		
Samurai (SJ) 1.9 TD	1998-04	
XUD9	46	63
Solenoid With cable	73015	
Vitara (ET, TA) 1.9 D 4WD	1995-98	
XUD9A	50	68
Solenoid	73010	
Solenoid With cable	73015	
Vitara (ET, TA) 1.9 D 4WD	1996-98	
XUD9SD	55	75
Solenoid	73010	
Vitara Cabrio (ET, TA) 1.9 D	1995-98	
XUD9A	50	68
Solenoid	73010	
Solenoid With cable	73015	
Vitara Cabrio (ET, TA) 1.9 D	1996-99	
XUD9SD	55	75
Solenoid	73010	
Solenoid With cable	73015	



TALBOT		
Horizon 1.9 Diesel	1984-86	
XUD9	47	64
Solenoid		73010
Horizon 1.9 Diesel	1982-86	
XUD9	48	65
Solenoid		73010
VAUXHALL		
Meriva Mk I (A) 1.7 DTI 16V	2003-10	
Y 17 DT	55	75
DW-TL		56013
VOLKSWAGEN		
Amarok (2H, S1B) 2.0 BitDI 4motion	2011->	
CSHA/CNEA	132	180
Control Valve Additional heating		55014
Amarok (2H, S1B) 2.0 TDI	2010->	
CNFA/CDBA	90	122
Control Valve Additional heating		55014
Amarok (2H, S1B) 2.0 TDI	2012->	
CNFB	103	140
Control Valve CNFB; Additional heating		55014
Amarok (2H, S1B) 2.0 TDI 4motion	2010->	
CNFA/CDBA	90	122
Control Valve Additional heating		55014
Amarok (2H, S1B) 2.0 TDI 4motion	2012->	
CNFB	103	140
Control Valve CNFB; Additional heating		55014
Amarok (2H, S1B) 2.0 TSI	2010->	
CFPA	118	160
Control Valve CFPA; Additional heating		55014
Bora (1J2) 1.8	1998-05	
AGN/BAF	92	125
EUV-SR AGN; ->Ch.1J-1W270 000		56033
Bora (1J2) 1.8 4motion	1999-05	
AGN	92	125
EUV-SR ->Ch.1J-1W270 000		56033
Bora (1J2) 1.9 SDI	1998-05	
AGP/AQM	50	68
DW-AGR ->Ch.1J-X-999 000		56047
DW-TL Ch.1J-Y-000 001->		56008
Bora (1J2) 1.9 TDI	1998-05	
AGR/ALH	66	90
DW-AGR ->Ch.1J-X-999 000		56047
DW-TL ->Ch.1J-X-999 000		56005
DW-TL Ch.1J-Y-000 001->		56008
DW-TL ALH; Ch.1J-Y-000 001->->		56037
Solenoid		73012
Bora (1J2) 1.9 TDI	1998-01	
AHF/ASV	81	110
DW-AGR ->Ch.1J-X-999 000		56047
DW-TL ->Ch.1J-X-999 000		56005
DW-TL Ch.1J-Y-000 001		56008
DW-TL Ch.1J-Y-000 001->->		56037
Solenoid		73012
Bora (1J2) 1.9 TDI	1998-02	
AJM/AUY	85	115
DW-AGR ->Ch.1J-X-999 000		56047
DW-TL ->Ch.1J-X-999 000		56005
DW-TL Ch.1J-Y-000 001		56008
DW-TL Ch.1J-Y-000 001->->		56037
Bora (1J2) 1.9 TDI	2000-05	
AXR/ATD	74	101
DW-AGR ATD; ->Ch.1J-X-999 000		56047
DW-TL ATD; ->Ch.1J-X-999 000		56005
DW-TL AXR		56006
DW-TL Ch.1J-Y-000 001->		56008
DW-TL ATD; Ch.1J-Y-000 001->		56037
Bora (1J2) 1.9 TDI	2000-05	
ARL	110	150
DW-TL		56006
DW-TL		56008
Bora (1J2) 1.9 TDI	2000-05	
ASZ	96	130
DW-TL		56006
DW-TL		56008

VOLKSWAGEN Cont.		
Bora (1J2) 1.9 TDI 4motion	1998-02	
AGR	66	90
DW-AGR ->Ch.1J-X-999 000		56047
DW-TL Ch.1J-Y-000 001		56008
Solenoid		73012
Bora (1J2) 1.9 TDI 4motion	1999-01	
AJM/AUY	85	115
DW-AGR ->Ch.1J-X-999 000		56047
DW-TL ->Ch.1J-X-999 000		56005
DW-TL Ch.1J-Y-000 001->		56008
DW-TL Ch.1J-Y-000 001->->		56037
Bora (1J2) 1.9 TDI 4motion	2000-05	
ATD	74	101
DW-AGR Ch.1J-X-999 000->		56047
DW-TL ->Ch.1J-X-999 000		56005
DW-TL Ch.1J-Y-000 001->		56008
DW-TL Ch.1J-Y-000 001->->		56037
Bora (1J2) 1.9 TDI 4motion	2000-05	
ARL	110	150
DW-TL		56006
DW-TL		56008
Bora (1J2) 1.9 TDI 4motion	2000-05	
ASZ	96	130
DW-TL		56006
DW-TL		56008
Bora Variant (1J6) 1.8 4motion	1999-05	
AGN	92	125
EUV-SR ->Ch.1J-1W270 000		56033
Bora Variant (1J6) 1.9 TDI	1999-01	
AJM/AUY	85	115
DW-AGR ->Ch.1J-X-999 000		56047
DW-TL ->Ch.1J-X-999 000		56005
DW-TL Ch.1J-Y-000 001->		56008
DW-TL Ch.1J-Y-000 001->		56037
Bora Variant (1J6) 1.9 TDI	1999-01	
AHF/ASV	81	110
DW-AGR ->Ch.1J-X-999 000		56047
DW-TL ->Ch.1J-X-999 000		56005
DW-TL Ch.1J-Y-000 001		56008
DW-TL Ch.1J-Y-000 001->		56037
Solenoid		73012
Bora Variant (1J6) 1.9 TDI	2004-05	
AGR/ALH	66	90
DW-AGR ->Ch.1J-X-999 000		56047
DW-TL ALH; ->Ch.1J-X-999 000		56005
DW-TL Ch.1J-Y-000 001->		56008
DW-TL Ch.1J-Y-000 001->->		56037
Bora Variant (1J6) 1.9 TDI	2000-05	
AXR/ATD	74	101
DW-AGR ATD; ->Ch.1J-X-999 000		56047
DW-TL ATD; ->Ch.1J-X-999 000		56005
DW-TL AXR		56006
DW-TL Ch.1J-Y-000 001		56008
DW-TL ATD; Ch.1J-Y-000 001->		56037
Bora Variant (1J6) 1.9 TDI	2000-05	
ASZ	96	130
DW-TL		56006
DW-TL		56008
Bora Variant (1J6) 1.9 TDI	2001-05	
ARL	110	150
DW-TL		56006
DW-TL		56008
Bora Variant (1J6) 1.9 TDI 4motion	1999-01	
AJM/AUY	85	115
DW-AGR ->Ch.1J-X-999 000		56047
DW-TL ->Ch.1J-X-999 000		56005
DW-TL Ch.1J-Y-000 001->		56008
DW-TL Ch.1J-Y-000 001->->		56037
Bora Variant (1J6) 1.9 TDI 4motion	2000-05	
ATD	74	101
DW-AGR ->Ch.1J-X-999 000		56047
DW-TL ->Ch.1J-X-999 000		56005
DW-TL Ch.1J-Y-000 001->		56008
DW-TL Ch.1J-Y-000 001->->		56037
Bora Variant (1J6) 1.9 TDI 4motion	2000-05	
ASZ	96	130
DW-TL		56006
DW-TL		56008



VOLKSWAGEN Cont.		
Bora Variant (1J6) 1.9 TDI 4motion	2001-05	
ARL	110	150
DW-TL		56006
DW-TL		56008
Caddy I (14) 1.6 D	1982-92	
JK/ME	40	55
Solenoid		73012
Caddy II Van (9K9A) 1.9 D	1995-04	
1Y	47	64
Solenoid		73012
Caddy II Van (9K9A) 1.9 SDI	1995-04	
AYQ/AEY	47	64
DW-AGR		56047
Solenoid		73012
Caddy II Van (9K9A) 1.9 TDI	1996-04	
1Z/AHU/ALH	66	90
DW-AGR 1Z; AHU		56047
DW-TL ALH		56005
DW-TL ALH		56047
Solenoid		73012
Caddy II Variant (9K9B) 1.9 SDI	1995-04	
AYQ/AEY	47	64
DW-AGR		56047
Caddy II Variant (9K9B) 1.9 TDI	1996-04	
ALE/AHU/ALH	66	90
DW-AGR AHU; ALE		56047
DW-TL ALH		56005
DW-TL ALH		56047
Caddy III Van (2KA, 2KH, 2CA, 2CH) 1.6	2004-15	
BGU/BSF/BSE	75	102
Control Valve BSE; BSF; Additional heating		55001
Caddy III Van (2KA, 2KH, 2CA, 2CH) 1.9 TDI	2004-10	
BJB/BLS	77	105
Control Valve BJB; Additional heating		55014
DW-TL BLS		56006
Caddy III Van (2KA, 2KH, 2CA, 2CH) 1.9 TDI	2005-10	
BSU	55	75
DW-TL		56006
Caddy III Van (2KA, 2KH, 2CA, 2CH) 1.9 TDI 4motion	2008-10	
BLS	77	105
DW-TL		56006
Caddy III Van (2KA, 2KH, 2CA, 2CH) 2.0 SDI	2004-10	
BST/BDJ	51	70
Control Valve Additional heating		55001
DW-AGR		56046
Caddy III Van (2KA, 2KH, 2CA, 2CH) 2.0 TDI	2007-10	
BMM	103	140
DW-TL		56006
Caddy III Variant (2KB, 2KJ, 2CB, 2CJ) 1.6	2004-15	
BGU/BSF/BSE	75	102
Control Valve BSE; BSF; Additional heating		55001
Caddy III Variant (2KB, 2KJ, 2CB, 2CJ) 1.9 TDI	2004-10	
BJB/BLS	77	105
Control Valve BJB; Additional heating		55014
DW-TL BLS		56006
Caddy III Variant (2KB, 2KJ, 2CB, 2CJ) 1.9 TDI	2005-10	
BSU	55	75
DW-TL		56006
Caddy III Variant (2KB, 2KJ, 2CB, 2CJ) 1.9 TDI 4motion	2008-10	
BLS	77	105
DW-TL		56006
Caddy III Variant (2KB, 2KJ, 2CB, 2CJ) 2.0 SDI	2004-10	
BST/BDJ	51	70
Control Valve Additional heating		55001
DW-AGR		56046
Caddy III Variant (2KB, 2KJ, 2CB, 2CJ) 2.0 TDI	2007-10	
BMM	103	140
DW-TL		56006
CC (358) 3.6 FSI 4motion	2011-16	
BWS	220	300
Control Valve Ch.3C-C-700 001->; Additional heating		55001
Crafter 30-35 Bus (2E) 2.0 TDI	2013-16	
CSLB	84	114
DW-TL		56006
Crafter 30-35 Bus (2E) 2.0 TDI	2011-16	
CSLA/CKTB	80	109
DW-TL CKTB		56006

VOLKSWAGEN Cont.		
Crafter 30-35 Bus (2E) 2.0 TDI	2011-16	
CKTC	100	136
DW-TL		56006
Crafter 30-35 Bus (2E) 2.0 TDI	2011-16	
CSNA/CKUB	120	163
DW-TL		56006
Crafter 30-35 Bus (2E) 2.0 TDI	2011-16	
CKUC	105	142
DW-TL		56006
Crafter 30-35 Bus (2E) 2.0 TDI 4motion	2011-16	
CSNA/CKUB	120	163
DW-TL		56006
Crafter 30-35 Bus (2E) 2.5 TDI	2006-11	
BJJ/CEBA	65	88
DW-TL		56006
Crafter 30-35 Bus (2E) 2.5 TDI	2006-13	
BJK/CEBB	80	109
DW-TL		56006
Crafter 30-35 Bus (2E) 2.5 TDI	2006-13	
BJL/CECA	100	136
DW-TL		56006
Crafter 30-35 Bus (2E) 2.5 TDI	2006-11	
BJM/CECB	120	163
DW-TL		56006
Crafter 30-50 Chassis (2F) 2.0 TDI	2013-16	
CSLB	84	114
DW-TL		56006
Crafter 30-50 Chassis (2F) 2.0 TDI	2011-16	
CSLA/CKTB	80	109
DW-TL CKTB		56006
Crafter 30-50 Chassis (2F) 2.0 TDI	2011-16	
CKTC	100	136
DW-TL		56006
Crafter 30-50 Chassis (2F) 2.0 TDI	2011-16	
CSNA/CKUB	120	163
DW-TL		56006
Crafter 30-50 Chassis (2F) 2.0 TDI	2011-16	
CKUC	105	142
DW-TL		56006
Crafter 30-50 Chassis (2F) 2.0 TDI	2015-16	
CSLC	103	140
DW-TL		56006
Crafter 30-50 Chassis (2F) 2.0 TDI 4motion	2011-16	
CSNA/CKUB	120	163
DW-TL		56006
Crafter 30-50 Chassis (2F) 2.5 TDI	2006-11	
BJJ/CEBA	65	88
DW-TL		56006
Crafter 30-50 Chassis (2F) 2.5 TDI	2006-13	
BJK/CEBB	80	109
DW-TL		56006
Crafter 30-50 Chassis (2F) 2.5 TDI	2006-13	
BJL/CECA	100	136
DW-TL		56006
Crafter 30-50 Chassis (2F) 2.5 TDI	2006-11	
BJM/CECB	120	163
DW-TL		56006
Crafter 30-50 Van (2E) 2.0 TDI	2013-16	
CSLB	84	114
DW-TL		56006
Crafter 30-50 Van (2E) 2.0 TDI	2011-16	
CSLA/CKTB	80	109
DW-TL CKTB		56006
Crafter 30-50 Van (2E) 2.0 TDI	2011-16	
CKTC	100	136
DW-TL		56006
Crafter 30-50 Van (2E) 2.0 TDI	2011-16	
CSNA/CKUB	120	163
DW-TL		56006
Crafter 30-50 Van (2E) 2.0 TDI	2011-16	
CKUC	105	142
DW-TL		56006
Crafter 30-50 Van (2E) 2.0 TDI	2015-16	
CSLC	103	140
DW-TL		56006
Crafter 30-50 Van (2E) 2.0 TDI 4motion	2011-16	
CSNA/CKUB	120	163
DW-TL		56006



VOLKSWAGEN Cont.		
Crafter 30-50 Van (2E) 2.5 TDI	2006-11	
BJJ/CEBA	65	88
DW-TL		56006
Crafter 30-50 Van (2E) 2.5 TDI	2006-13	
BJK/CEBB	80	109
DW-TL		56006
Crafter 30-50 Van (2E) 2.5 TDI	2006-13	
BJL/CECA	100	136
DW-TL		56006
Crafter 30-50 Van (2E) 2.5 TDI	2006-11	
BJM/CECB	120	163
DW-TL		56006
Eos (1F7, 1F8) 1.4 TSI	2007-15	
CAXA	90	122
Control Valve CAXA; Additional heating		55001
Eos (1F7, 1F8) 1.4 TSI	2008-15	
CAVD/CTHD	118	160
Control Valve CAVD; Additional heating		55001
Eos (1F7, 1F8) 1.6 FSI	2006-08	
BLF	85	115
Control Valve BLF; Additional heating		55001
Eos (1F7, 1F8) 2.0 FSI	2006-08	
BVZ/BVY	110	150
Control Valve Additional heating		55001
Eos (1F7, 1F8) 2.0 TDI	2010-15	
CFFA	100	136
DW-TL		56006
Eos (1F7, 1F8) 2.0 TDI	2006-08	
BMM	103	140
Control Valve BMM; Additional heating		55001
DW-TL		56006
Eos (1F7, 1F8) 2.0 TDI 16V	2008-15	
CFFB/CBAB	103	140
Control Valve CBAB; Additional heating		55001
DW-TL		56006
Eos (1F7, 1F8) 2.0 TFSI	2006-15	
BWA/BPY/CBFA/CCZA/CAWB/CCTA	147	200
Control Valve BPY/BWA/CAWB/CCTA/CCZA; Additional heating		55001
Eos (1F7, 1F8) 2.0 TSI	2009-15	
CCZB	155	210
Control Valve CCZB; Additional heating		55001
Eos (1F7, 1F8) 3.2 V6	2006-09	
CBRA/BUB	184	250
Control Valve BUB; Additional heating		55001
Eos (1F7, 1F8) 3.6 V6	2009-10	
CDVA	191	260
Control Valve CDVA; Additional heating		55001
Golf I (17) 1.5 D	1976-80	
CK	37	50
Solenoid Only for Delphi Equipment		73010
Solenoid Only for Bosch Equipment		73012
Golf I (17) 1.6 D	1980-83	
JK/CR	40	54
Solenoid Only for Delphi Equipment		73010
Solenoid Only for Bosch Equipment		73012
Golf I (17) 1.6 TD	1982-83	
CY	51	70
Solenoid		73012
Golf II (19E, 1G1) 1.6 D	1983-91	
ME/JP	40	54
Solenoid		73012
Golf II (19E, 1G1) 1.6 TD	1983-91	
JR/MF	51	70
Solenoid		73012
Golf III (1H1) 1.9 D	1991-97	
1Y	48	65
Solenoid		73012
Golf III (1H1) 1.9 SDI	1995-97	
AEY	47	64
DW-AGR		56047
Solenoid		73012
Golf III (1H1) 1.9 TD, GTD	1991-97	
AAZ	55	75
Solenoid		73012
Golf III (1H1) 1.9 TDI	1993-97	
ALE/1Z/AHU	66	90
DW-AGR		56047
Solenoid		73012

VOLKSWAGEN Cont.		
Golf III (1H1) 1.9 TDI		1996-97
AFN	81	110
DW-AGR		56047
DW-TL		56005
Solenoid		73012
Golf III (1H1) 1.9 TDI Syncro		1995-97
ALE/1Z/AHU	66	90
DW-AGR		56047
Solenoid		73012
Golf III Cabriolet (1E7) 1.9 TDI		1995-98
ALE/1Z/AHU	66	90
DW-AGR		56047
Solenoid		73012
Golf III Cabriolet (1E7) 1.9 TDI		1996-98
AFN	81	110
DW-AGR		56047
DW-TL		56005
Solenoid		73012
Golf III Variant (1H5) 1.9 D		1993-99
1Y	48	65
Solenoid		73012
Golf III Variant (1H5) 1.9 SDI		1995-99
AEY	47	64
DW-AGR		56047
Solenoid		73012
Golf III Variant (1H5) 1.9 TD		1993-99
AAZ	55	75
Solenoid		73012
Golf III Variant (1H5) 1.9 TDI		1994-99
ALE/1Z/AHU	66	90
DW-AGR		56047
Solenoid		73012
Golf III Variant (1H5) 1.9 TDI		1996-99
AFN	81	110
DW-AGR		56047
DW-TL		56005
Solenoid		73012
Golf III Variant (1H5) 1.9 TDI Syncro		1995-99
ALE/1Z/AHU	66	90
DW-AGR		56047
Solenoid		73012
Golf IV (1J1) 1.8		1997-05
AGN/BAF	92	125
EUV-SR AGN; Ch.1J-W-000 001-1J-1D231 000		56033
Golf IV (1J1) 1.8 4motion		1998-05
AGN	92	125
EUV-SR Ch.1J-W-000 001-1J-1D231 000		56033
Golf IV (1J1) 1.9 SDI		1997-05
AGP/AQM	50	68
DW-AGR ->Ch.1J-X-999 000		56047
DW-RK ->Ch.1J-X-999 000		56047
DW-TL Ch.1J-Y-000 001->		56008
DW-TL ->Ch.1J-X-999 000		56047
Solenoid		73012
Golf IV (1J1) 1.9 TDI		1998-01
AJM/AUY	85	115
DW-AGR ->Ch.1J-X-999 000		56047
DW-RK ->Ch.1J-X-999 000		56047
DW-TL ->Ch.1J-X-999 000		56005
DW-TL Ch.1J-Y-000 001		56008
DW-TL Ch.1J-Y-000 001->->		56037
DW-TL ->Ch.1J-X-999 000		56047
Golf IV (1J1) 1.9 TDI		2000-05
AXR/ATD	74	101
DW-AGR ATD; ->Ch.1J-X-999 000		56047
DW-RK ATD; ->Ch.1J-X-999 000		56047
DW-TL ATD; ->Ch.1J-X-999 000		56005
DW-TL AXR		56006
DW-TL Ch.1J-Y-000 001->		56008
DW-TL ATD; Ch.1J-Y-000 001->		56037
DW-TL ATD; ->Ch.1J-X-999 000		56047
Golf IV (1J1) 1.9 TDI		2000-05
ARL	110	150
DW-TL		56006
DW-TL Ch.1J-W-000 001		56008
Golf IV (1J1) 1.9 TDI		2000-05
ASZ	96	130
DW-TL		56006
DW-TL Ch.1J-W-000 001		56008



VOLKSWAGEN Cont.		
Golf IV (1J1) 1.9 TDI		
AGR/ALH	66	90
DW-AGR	->Ch.1J-X-999 000	56047
DW-RK	->Ch.1J-X-999 000	56047
DW-TL	ALH; ->Ch.1J-X-999 000	56005
DW-TL	Ch.1J-Y-000 001->	56008
DW-TL	ALH; Ch.1J-Y-000 001->	56037
DW-TL	->Ch.1J-X-999 000	56047
Solenoid		73012
Golf IV (1J1) 1.9 TDI		
AHF/ASV	81	110
DW-AGR	->Ch.1J-X-999 000	56047
DW-RK	->Ch.1J-X-999 000	56047
DW-TL	->Ch.1J-X-999 000	56005
DW-TL	Ch.IJ-Y-000 001	56008
DW-TL	Ch.1J-Y-000 001->->	56037
DW-TL	->Ch.1J-X-999 000	56047
Solenoid		73012
Golf IV (1J1) 1.9 TDI 4motion		
AJM/AUY	85	115
DW-AGR	->Ch.1J-X-999 000	56047
DW-RK	->Ch.1J-X-999 000	56047
DW-TL	->Ch.1J-X-999 000	56005
DW-TL	Ch.IJ-Y-000 001	56008
DW-TL	Ch.1J-Y-000 001->->	56037
DW-TL	->Ch.1J-X-999 000	56047
Golf IV (1J1) 1.9 TDI 4motion		
ATD	74	101
DW-AGR	->Ch.1J-X-999 000	56047
DW-RK	->Ch.1J-X-999 000	56047
DW-TL	->Ch.1J-X-999 000	56005
DW-TL	Ch.1J-Y-000 001->	56008
DW-TL	Ch.1J-Y-000 001->->	56037
DW-TL	->Ch.1J-X-999 000	56047
Golf IV (1J1) 1.9 TDI 4motion		
ARL	110	150
DW-TL		56006
DW-TL	Ch.1J-W-000 001	56008
Golf IV (1J1) 1.9 TDI 4motion		
ASZ	96	130
DW-TL		56006
DW-TL	Ch.1J-W-000 001	56008
Golf IV (1J1) 1.9 TDI 4motion		
AGR	66	90
DW-AGR	->Ch.1J-X-999 000	56047
DW-RK	->Ch.1J-X-999 000	56047
DW-TL	Ch.IJ-Y-000 001	56008
DW-TL	->Ch.1J-X-999 000	56047
Solenoid		73012
Golf IV Cabriolet (1E7) 1.9 TDI		
ALE/AHU	66	90
Solenoid		73012
Golf IV Cabriolet (1E7) 1.9 TDI		
AVG/AFN	81	110
DW-AGR	AVG	56047
DW-RK	AVG	56047
DW-TL	AVG	56005
DW-TL	AVG	56047
Solenoid		73012
Golf IV Variant (1J5) 1.8 4motion		
AGN	92	125
EUV-SR	Ch.1J-W-000 0001-1J-1D231 000	56033
Golf IV Variant (1J5) 1.9 SDI		
AGP/AQM	50	68
DW-AGR	->Ch.1J-X-999 000	56047
DW-RK	->Ch.1J-X-999 000	56047
DW-TL	Ch.IJ-Y-000 001	56008
DW-TL	->Ch.1J-X-999 000	56047
Solenoid		73012
Golf IV Variant (1J5) 1.9 TDI		
AGR/ALH	66	90
DW-AGR	->Ch.1J-X-999 000	56047
DW-RK	->Ch.1J-X-999 000	56047
DW-TL	ALH; ->Ch.1J-X-999 000	56005
DW-TL	Ch.IJ-Y-000 001	56008
DW-TL	ALH; Ch.1J-Y-000 001->	56037
DW-TL	->Ch.1J-X-999 000	56047
Solenoid		73012

VOLKSWAGEN Cont.		
Golf IV Variant (1J5) 1.9 TDI		
AHF/ASV	81	110
DW-AGR	->Ch.1J-X-999 000	56047
DW-RK	->Ch.1J-X-999 000	56047
DW-TL	->Ch.1J-X-999 000	56005
DW-TL	Ch.IJ-Y-000 001	56008
DW-TL	Ch.1J-Y-000 001->->	56037
DW-TL	->Ch.1J-X-999 000	56047
Solenoid		73012
Golf IV Variant (1J5) 1.9 TDI		
AJM/AUY	85	115
DW-AGR	->Ch.1J-X-999 000	56047
DW-RK	->Ch.1J-X-999 000	56047
DW-TL	->Ch.1J-X-999 000	56005
DW-TL	Ch.IJ-Y-000 001	56008
DW-TL	Ch.1J-Y-000 001->->	56037
DW-TL	->Ch.1J-X-999 000	56047
Golf IV Variant (1J5) 1.9 TDI		
AXR/ATD	74	101
DW-AGR	ATD; ->Ch.1J-X-999 000	56047
DW-RK	ATD; ->Ch.1J-X-999 000	56047
DW-TL	ATD; ->Ch.1J-X-999 000	56005
DW-TL	AXR	56006
DW-TL	Ch.IJ-Y-000 001	56008
DW-TL	ATD; Ch.1J-Y-000 001->	56037
DW-TL	ATD; ->Ch.1J-X-999 000	56047
Golf IV Variant (1J5) 1.9 TDI		
ASZ	96	130
DW-TL		56006
DW-TL	Ch.IJ-Y-000 001	56008
Golf IV Variant (1J5) 1.9 TDI 4motion		
AGR	66	90
DW-AGR	->Ch.1J-X-999 000	56047
DW-RK	->Ch.1J-X-999 000	56047
DW-TL	Ch.IJ-Y-000 001	56008
DW-TL	->Ch.1J-X-999 000	56047
Solenoid		73012
Golf IV Variant (1J5) 1.9 TDI 4motion		
AJM	85	115
DW-RK	->Ch.1J-X-999 000	56047
DW-TL	->Ch.1J-X-999 000	56005
DW-TL	Ch.IJ-Y-000 001	56008
DW-TL	Ch.1J-Y-000 001->->	56037
DW-TL	->Ch.1J-X-999 000	56047
Golf IV Variant (1J5) 1.9 TDI 4motion		
ATD	74	101
DW-AGR	->Ch.1J-X-999 000	56047
DW-RK	->Ch.1J-X-999 000	56047
DW-TL	->Ch.1J-X-999 000	56005
DW-TL	Ch.IJ-Y-000 001	56008
DW-TL	Ch.1J-Y-000 001->->	56037
DW-TL	->Ch.1J-X-999 000	56047
Golf IV Variant (1J5) 1.9 TDI 4motion		
ASZ	96	130
DW-TL		56006
DW-TL	Ch.IJ-W-000 001	56008
Golf IV Variant (1J5) 1.9 TDI 4motion		
ARL	110	150
DW-TL		56006
DW-TL	Ch.IJ-Y-000 001	56008
Golf Plus (5M1, 521) 1.2 TSI		
CBZB	77	105
Control Valve	Ch.1K-9-900 001->; Additional heating	55001
Golf Plus (5M1, 521) 1.4 16V		
BCA	55	75
Control Valve	BCA; Additional heating	55001
Golf Plus (5M1, 521) 1.4 16V		
BUD/CGGA	59	80
Control Valve	Ch.1K-9-900 001->; Additional heating	55001
Golf Plus (5M1, 521) 1.4 TSI		
BMV	103	140
Control Valve	BMV; Additional heating	55001
Golf Plus (5M1, 521) 1.4 TSI		
BLG	125	170
Control Valve	BLG; Additional heating	55001
Golf Plus (5M1, 521) 1.4 TSI		
CAXA	90	122
Control Valve	CAXA; Additional heating	55001



VOLKSWAGEN Cont.		
Golf Plus (5M1, 521) 1.4 TSI	2008-13	
CAVD/CNWA	118	160
Control Valve Ch.1K-9-900 001->; Additional heating	55001	
Golf Plus (5M1, 521) 1.6	2005-13	
CCSA/BSF/CMXA/BSE	75	102
Control Valve Ch.1K-9-900 001->; Additional heating	55001	
Golf Plus (5M1, 521) 1.6 BiFuel	2009-13	
CHGA	75	102
Control Valve Ch.1K-9-900 001->; Additional heating	55001	
Golf Plus (5M1, 521) 1.6 FSI	2005-08	
BLF	85	115
Control Valve BLF; Additional heating	55001	
Golf Plus (5M1, 521) 1.6 MultiFuel	2007-13	
CCSA/CMXA	75	102
Control Valve Ch.1K-9-900 001->; Additional heating	55001	
Golf Plus (5M1, 521) 1.6 TDI	2009-13	
CAYC	77	105
Control Valve Ch.1K-9-900 001->; Additional heating	55001	
Golf Plus (5M1, 521) 1.6 TDI	2009-13	
CAYB	66	90
Control Valve Ch.1K-9-900 001->; Additional heating	55001	
Golf Plus (5M1, 521) 1.9 TDI	2005-09	
BXE/BKC/BLS	77	105
Control Valve Additional heating	55001	
DW-TL BLS	56006	
Golf Plus (5M1, 521) 1.9 TDI	2005-08	
BXF/BXJ/BRU	66	90
Control Valve Additional heating	55001	
DW-TL BXJ	56006	
Golf Plus (5M1, 521) 2.0 FSI	2005-08	
BLY/BLR/BVZ/BVY	110	150
Control Valve BVY; BVZ; Additional heating	55001	
Golf Plus (5M1, 521) 2.0 TDI	2005-13	
AZV/CBDA/CFHB	100	136
Control Valve Ch.1K-9-900 001->; Additional heating	55001	
Golf Plus (5M1, 521) 2.0 TDI	2005-11	
BMM	103	140
Control Valve BMM; Additional heating	55001	
DW-TL	56006	
Golf Plus (5M1, 521) 2.0 TDI	2009-13	
CBDC/CLCA	81	110
Control Valve Ch.1K-9-900 001->; Additional heating	55001	
DW-TL CBDC; Ch.1K-9-400 001->	56006	
Golf Plus (5M1, 521) 2.0 TDI 16V	2005-13	
CBDB/CFHC/BKD	103	140
Control Valve Ch.1K-9-900 001->; Additional heating	55001	
Golf V (1K1) 1.4 16V	2003-06	
BCA	55	75
Control Valve Ch.1K-4-000 001->; Additional heating	55001	
Golf V (1K1) 1.4 16V	2006-08	
BUD	59	80
Control Valve Ch.1K-6-000 001->; Additional heating	55001	
Golf V (1K1) 1.4 FSI	2003-06	
BKG/BLN	66	90
Control Valve Ch.1K-4-000 001->; Additional heating	55001	
Golf V (1K1) 1.4 TSI	2005-08	
BLG	125	170
Control Valve Ch.1K-6-000 001->; Additional heating	55001	
Golf V (1K1) 1.4 TSI	2006-08	
BMV	103	140
Control Valve Ch.1K-6-000 001->; Additional heating	55001	
Golf V (1K1) 1.4 TSI	2007-08	
CAXA	90	122
Control Valve CAXA; Additional heating	55001	
Golf V (1K1) 1.6	2004-08	
BGU/BSF/BSE	75	102
Control Valve Ch.1K4000001,1K6000001; Additional heating	55001	
Golf V (1K1) 1.6 FSI	2003-08	
BLF/BLP/BAG	85	115
Control Valve Ch.1K-4-000 001->; Additional heating	55001	
Golf V (1K1) 1.9 TDI	2003-08	
BXE/BKC/BLS	77	105
Control Valve Ch.1K4000001,1K6000001; Additional heating	55001	
DW-TL BLS	56006	
Golf V (1K1) 1.9 TDI	2004-08	
BXF/BXJ/BRU	66	90
Control Valve Ch.1K4000001,1K6000001; Additional heating	55001	
DW-TL BXJ	56006	

VOLKSWAGEN Cont.		
Golf V (1K1) 1.9 TDI 4motion	2004-08	
BXE/BKC/BLS	77	105
Control Valve Ch.1K4000001,1K6000001; Additional heating	55001	
DW-TL BLS	56006	
Golf V (1K1) 2.0	2006-08	
BHY/CBPA	85	116
Control Valve BHY; Ch.1K-4-000 001->; Additional heating	55001	
Golf V (1K1) 2.0 FSI	2004-08	
VBX/BLX/BLY/BLR/AXW/BVZ/BVY	110	150
Control Valve Additional heating	55001	
Golf V (1K1) 2.0 FSI 4motion	2004-08	
VBX/BLX	110	150
Control Valve Ch.1K4000001,1K6000001; Additional heating	55001	
Golf V (1K1) 2.0 GTI	2004-09	
BWA/BPY/AXX/CBFA/CAWB/CCTA	147	200
Control Valve CBFA; Ch.1K-9-400 001; Additional heating	55001	
Control Valve CAWB; Additional heating	55001	
Control Valve BPY/BWA; Ch.1K6000001; Additional heating	55001	
Golf V (1K1) 2.0 GTI	2006-08	
BYD	169	230
Control Valve Ch.1K-6-000 001->; Additional heating	55001	
Golf V (1K1) 2.0 SDI	2004-08	
BDK	55	75
Control Valve Ch.1K-4-000 001->; Additional heating	55001	
DW-AGR	56046	
Golf V (1K1) 2.0 TDI	2005-08	
BMN	125	170
Control Valve Ch.1K-6-000 001->; Additional heating	55001	
DW-TL	56006	
Golf V (1K1) 2.0 TDI	2003-08	
AZV	100	136
Control Valve Ch.1K-4-000 001->; Additional heating	55001	
Golf V (1K1) 2.0 TDI	2004-08	
BMM	103	140
Control Valve Ch.1K-4-000 001->; Additional heating	55001	
DW-TL	56006	
Golf V (1K1) 2.0 TDI 16V	2003-08	
BKD	103	140
Control Valve Ch.1K-4-000 001->; Additional heating	55001	
Golf V (1K1) 2.0 TDI 16V 4motion	2004-08	
BKD	103	140
Control Valve Ch.1K-4-000 001->; Additional heating	55001	
Golf V (1K1) 2.0 TDI 4motion	2004-08	
BMM	103	140
Control Valve Ch.1K-4-000 001->; Additional heating	55001	
DW-TL	56006	
Golf V Variant (1K5) 1.4	2007-09	
BUD	59	80
Control Valve Ch.1K-6-000 001->; Additional heating	55001	
Golf V Variant (1K5) 1.4 TSI	2007-09	
BMV	103	140
Control Valve Ch.1K-6-000 001->; Additional heating	55001	
Golf V Variant (1K5) 1.4 TSI	2007-09	
CAXA	90	122
Control Valve CAXA; Additional heating	55001	
Golf V Variant (1K5) 1.4 TSI	2007-09	
BLG	125	170
Control Valve Ch.1K-6-000 001->; Additional heating	55001	
Golf V Variant (1K5) 1.4 TSI	2008-09	
CAVD	118	160
Control Valve CAVD; Additional heating	55001	
Golf V Variant (1K5) 1.6	2007-09	
BGU/CCSA/BSF/BSE	75	102
Control Valve Ch.1K4000001,1K6000001; Additional heating	55001	
Golf V Variant (1K5) 1.9 TDI	2007-09	
BXE/BLS	77	105
Control Valve Ch.1K-6-000 001->; Additional heating	55001	
DW-TL BLS	56006	
Golf V Variant (1K5) 1.9 TDI 4motion	2008-09	
BLS	77	105
Control Valve Ch.1K-6-000 001->; Additional heating	55001	
DW-TL	56006	
Golf V Variant (1K5) 2.0	2007-09	
BWA/CAWB/CCTA	147	200
Control Valve BWA/CAWB; Ch.1K6000001->; Additional heating	55001	
Golf V Variant (1K5) 2.0 TDI	2007-09	
BMM	103	140
Control Valve Ch.1K-4-000 001->; Additional heating	55001	
DW-TL	56006	



VOLKSWAGEN Cont.		
Golf V Variant (1K5) 2.0 TDI	2007-09	
AZV	100	136
Control Valve Ch.1K-4-000 001->; Additional heating	55001	
Golf V Variant (1K5) 2.0 TDI 16V	2007-09	
CBDB/BKD	103	140
Control Valve BKD; Ch.1K-4-000 001->; Additional heating	55001	
Golf VI (5K1) 1.2 TSI	2008-12	
CBZB	77	105
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI (5K1) 1.2 TSI	2010-12	
CBZA	63	86
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI (5K1) 1.4	2008-12	
CGGA	59	80
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI (5K1) 1.4 TSI	2008-12	
CAXA	90	122
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI (5K1) 1.4 TSI	2008-12	
CTKA/CAVD/CTHD/CNWA	118	160
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI (5K1) 1.6	2008-12	
CCSA/BSF/CMXA/BSE	75	102
Control Valve Ch.1K-9-400-001->; Additional heating	55001	
Golf VI (5K1) 1.6 BiFuel	2009-12	
CHGA	75	102
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI (5K1) 1.6 MultiFuel	2008-12	
CCSA/CMXA	75	102
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI (5K1) 1.6 TDI	2009-12	
CAYC	77	105
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI (5K1) 1.6 TDI	2009-12	
CAYB	66	90
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI (5K1) 2.0 GTi	2011-12	
CDLG	173	235
Control Valve CDLG; Additional heating	55001	
Golf VI (5K1) 2.0 GTi	2009-12	
CCZB	155	210
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI (5K1) 2.0 R 4motion	2009-12	
CDLF	199	270
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI (5K1) 2.0 R 4motion	2009-13	
CRZA/CDLC	188	256
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI (5K1) 2.0 TDI	2008-13	
CFFB/CJAA/CBAB	103	140
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
DW-TL	56006	
Golf VI (5K1) 2.0 TDI	2008-12	
CBDC/CLCA	81	110
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
DW-TL CBDC	56006	
Golf VI (5K1) 2.0 TDI	2009-12	
CFGB/CBBB	125	170
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI (5K1) 2.0 TDI	2008-12	
CBAA/CFFA	100	136
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI (5K1) 2.0 TDI 4motion	2009-12	
CFFB/CBAB	103	140
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
DW-TL CBAB	56006	
Golf VI Cabriolet (517) 1.2 TSI	2011->	
CBZB	77	105
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI Cabriolet (517) 1.4 TSI	2011->	
CAXA	90	122
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI Cabriolet (517) 1.4 TSI	2011->	
CTKA/CAVD/CTHD/CNWA	118	160
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI Cabriolet (517) 1.6 TDI	2011->	
CAYC	77	105
Control Valve Ch.1K-9-400 001->; Additional heating	55001	

VOLKSWAGEN Cont.		
Golf VI Cabriolet (517) 2.0 TDI	2011->	
CFHC	103	140
Control Valve CFHC; Additional heating	55001	
Golf VI Variant (AJ5) 1.2 TSI	2009-13	
CBZB	77	105
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI Variant (AJ5) 1.2 TSI	2010-13	
CBZA	63	86
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI Variant (AJ5) 1.4	2009-13	
BUD/CGGA	59	80
Control Valve CGGA; Ch.1K-9-400 001->; Additional heating	55001	
Golf VI Variant (AJ5) 1.4 TSI	2009-13	
CAXA	90	122
Control Valve Ch.1K-9-400-001->; Additional heating	55001	
Golf VI Variant (AJ5) 1.4 TSI	2009-13	
CTKA/CAVD/CTHD/CNWA	118	160
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI Variant (AJ5) 1.6	2009-13	
CCSA/BSF/CMXA/BSE	75	102
Control Valve BSE/CCSA/CMXA; Ch.1K9400001->; Additional heating	55001	
Golf VI Variant (AJ5) 1.6 TDI	2009-13	
CAYC	77	105
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI Variant (AJ5) 1.6 TDI	2009-13	
CAYB	66	90
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI Variant (AJ5) 1.6 TDI 4motion	2009-13	
CAYC	77	105
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI Variant (AJ5) 2.0 TDI	2010-13	
CLCA	81	110
Control Valve Ch.1K-9-400 001->; Additional heating	55001	
Golf VI Variant (AJ5) 2.0 TDI 16V	2009-13	
CJAA/CBDB/CFHC/CLCB	103	140
Control Valve CBDB/CFHC/CJAA; Ch.1K9400001->; Additional heating	55001	
Golf VI Variant (AJ5) 2.0 TSI	2009-13	
CCZA	147	200
Control Valve CCZA; Additional heating	55001	
Golf VII (5G1, BE1) 1.4 GTE Hybrid	2014->	
CUKB	110	150
Control Valve OE 1T0 820 036 D; Ch.AUD000001; Additional heating	55014	
Golf VII (5G1, BE1) e-Golf	2014-17	
EAGA	85	115
Control Valve EAGA; Additional heating	55014	
Jetta I (16) 1.5 D	1978-80	
CK	37	50
Solenoid Only for Delphi Equipment	73010	
Solenoid Only for Bosch Equipment	73012	
Jetta I (16) 1.6 D	1980-84	
JK/CR	40	54
Solenoid Only for Delphi Equipment	73010	
Solenoid Only for Bosch Equipment	73012	
Jetta I (16) 1.6 TD	1982-84	
CY	51	70
Solenoid	73012	
Jetta II (19E, 1G2, 165) 1.6 D	1984-91	
ME/JP	40	54
Solenoid	73012	
Jetta II (19E, 1G2, 165) 1.6 TD	1984-91	
JR/MF	51	70
Solenoid	73012	
Jetta III (1K2) 1.4 TSI	2006-10	
BMV	103	140
Control Valve BMV; Additional heating	55001	
Jetta III (1K2) 1.4 TSI	2006-10	
BLG	125	170
Control Valve BLG; Additional heating	55001	
Jetta III (1K2) 1.4 TSI	2007-10	
CAXA	90	122
Control Valve CAXA; Additional heating	55001	
Jetta III (1K2) 1.4 TSI	2008-10	
CAVD	118	160
Control Valve CAVD; Additional heating	55001	
Jetta III (1K2) 1.6	2005-10	
BGU/CCSA/BSF/BSE	75	102
Control Valve BSE; BSF; Additional heating	55001	



VOLKSWAGEN Cont.		
Jetta III (1K2) 1.6 FSI	2005-10	
BLF	85	115
Control Valve BLF; Additional heating	55001	
Jetta III (1K2) 1.6 TDI	2009-10	
CAYB	66	90
Control Valve CAYB; Additional heating	55001	
Jetta III (1K2) 1.6 TDI	2009-10	
CAYC	77	105
Control Valve CAYC; Additional heating	55001	
Jetta III (1K2) 1.9 TDI	2005-10	
BXE/BKG/BLS	77	105
Control Valve Additional heating	55001	
DW-TL BLS	56006	
Jetta III (1K2) 2.0 FSI	2005-10	
BLX/BLY/BLR/BVZ/BVY	110	150
Control Valve BLR; BLY; BVY; BVZ; Additional heating	55001	
Jetta III (1K2) 2.0 TDI	2005-10	
AZV/CBDA	100	136
Control Valve Additional heating	55001	
DW-TL CBDA	56006	
Jetta III (1K2) 2.0 TDI	2005-10	
BMM	103	140
Control Valve BMM; Additional heating	55001	
DW-TL	56006	
Jetta III (1K2) 2.0 TDI	2006-10	
CEGA/BMN	125	170
Control Valve BMN; Additional heating	55001	
DW-TL BMN	56006	
Jetta III (1K2) 2.0 TDI 16V	2005-10	
CBEA/CJAA/CBDB/BKD	103	140
Control Valve BKD; CBDB; Additional heating	55001	
Jetta III (1K2) 2.0 TFSI	2005-10	
BWA/BPY/AXX/CBFA/CCZA/CAWB/CCTA	147	200
Control Valve BPY; BWA; CAWB; CCTA; Additional heating	55001	
Jetta III (1K2) 2.0 TFSI	2008-10	
CAWA	125	170
Control Valve CAWA; Additional heating	55001	
Jetta III (1K2) 2.5 FSI	2006-10	
BTK/BGP	110	150
Control Valve Additional heating	55001	
LT 28-35 I Bus (281-363) 2.4 D	1979-92	
DW/CP	55	75
Solenoid	73012	
LT 28-35 I Chassis (281-363) 2.4 D	1978-91	
DW/CP	55	75
Solenoid	73012	
LT 28-35 I Chassis (281-363) 2.4 TD	1982-93	
DV	75	102
Solenoid	73012	
LT 28-35 I Van (281-363) 2.4 D	1979-92	
DW/CP	55	75
Solenoid	73012	
LT 28-35 I Van (281-363) 2.4 TD	1986-92	
DV	75	102
Solenoid	73012	
LT 28-35 II Bus (2DB, 2DE, 2DK) 2.5 SDI	1996-06	
AGX	55	75
DW-AGR	56047	
Solenoid	73012	
LT 28-35 II Bus (2DB, 2DE, 2DK) 2.5 TDI	1999-06	
APA	66	90
DW-AGR ->Ch.2D-1-014 000	56047	
Solenoid	73012	
LT 28-35 II Bus (2DB, 2DE, 2DK) 2.5 TDI	1999-06	
AVR/ANJ	80	109
DW-AGR ->Ch.2D-1-014 001	56047	
DW-TL ->Ch.2D-1-014 000	56005	
DW-TL Ch.2D-1-014 001	56008	
DW-TL Ch.2D-1-014 001->	56037	
Solenoid	73012	
LT 28-35 II Bus (2DB, 2DE, 2DK) 2.5 TDI	2001-06	
BBE	61	83
DW-TL Ch.2D-1-014-001	56008	
LT 28-35 II Bus (2DB, 2DE, 2DK) 2.5 TDI	2001-06	
BBF	70	95
DW-AGR BBF	56047	
DW-TL Ch.2D-1-014 001	56008	
LT 28-35 II Bus (2DB, 2DE, 2DK) 2.5 TDI	1996-99	
AHD	75	102
DW-AGR ->Ch.2D-1-014 000	56047	
LT 28-46 II Van (2DA, 2DD, 2DH) 2.5 SDI	1996-06	
AGX	55	75
DW-AGR	56047	
Solenoid	73012	
LT 28-46 II Van (2DA, 2DD, 2DH) 2.5 TDI	1999-06	
APA	66	90
DW-AGR ->Ch.2D-1-014 000	56047	
Solenoid	73012	
LT 28-46 II Van (2DA, 2DD, 2DH) 2.5 TDI	1999-06	
AVR/ANJ	80	109
DW-AGR ->Ch.2D-1-014 001	56047	
DW-TL ->Ch.2D-1-014 000	56005	
DW-TL Ch.2D-1-014 001	56008	
DW-TL Ch.2D-1-014 001->	56037	
Solenoid	73012	
LT 28-46 II Van (2DA, 2DD, 2DH) 2.5 TDI	2001-06	
BBE	61	83
DW-TL Ch.2D-1-014 001	56008	
LT 28-46 II Van (2DA, 2DD, 2DH) 2.5 TDI	2001-06	
BBF	70	95
DW-AGR BBF	56047	
DW-TL Ch.2D-1-014 001	56008	
LT 28-46 II Van (2DA, 2DD, 2DH) 2.5 TDI	1996-99	
AHD	75	102
DW-AGR ->Ch.2D-1-014 000	56047	
LT 28-46 II Van (2DA, 2DD, 2DH) 2.8 TDI	2002-06	
BCQ/AUH	116	158
DW-TL	56008	
DW-TL	56037	
LT 28-46 II Van (2DA, 2DD, 2DH) 2.8 TDI	1997-02	
AGK	92	125
Solenoid	73012	
LT 40-55 I Chassis (293-909) 2.4 D	1978-91	
DW/CP	55	75
Solenoid	73012	
LT 40-55 I Chassis (293-909) 2.4 TD	1982-93	
DV	75	102
Solenoid	73012	

VOLKSWAGEN Cont.		
LT 28-35 II Bus (2DB, 2DE, 2DK) 2.5 TDI	1996-99	
AHD	75	102
DW-AGR ->Ch.2D-1-014 000	56047	
LT 28-35 II Bus (2DB, 2DE, 2DK) 2.8 TDI	2001-06	
BCQ/AUH	116	158
DW-TL BCQ	56008	
DW-TL	56037	
LT 28-46 II Chassis (2DC, 2DF, 2DG, 2DL, 2DM) 2.5 SDI	1996-06	
AGX	55	75
DW-AGR	56047	
Solenoid	73012	
LT 28-46 II Chassis (2DC, 2DF, 2DG, 2DL, 2DM) 2.5 TDI	1999-06	
APA	66	90
DW-AGR APA	56047	
Solenoid	73012	
LT 28-46 II Chassis (2DC, 2DF, 2DG, 2DL, 2DM) 2.5 TDI	1999-06	
AVR/ANJ	80	109
DW-AGR ->Ch.2D-1-014 001	56047	
DW-TL ->Ch.2D-1-014 000	56005	
DW-TL Ch.2D-1-014 001	56008	
DW-TL Ch.2D-1-014 001->	56037	
Solenoid	73012	
LT 28-46 II Chassis (2DC, 2DF, 2DG, 2DL, 2DM) 2.5 TDI	2001-06	
BBE	61	83
DW-TL Ch.2D-1-014 001	56008	
LT 28-46 II Chassis (2DC, 2DF, 2DG, 2DL, 2DM) 2.5 TDI	2001-06	
BBF	70	95
DW-AGR BBF	56047	
DW-TL Ch.2D-1-014 001	56008	
LT 28-46 II Chassis (2DC, 2DF, 2DG, 2DL, 2DM) 2.5 TDI	1996-99	
AHD	75	102
DW-AGR ->Ch.2D-1-014 000	56047	
LT 28-46 II Chassis (2DC, 2DF, 2DG, 2DL, 2DM) 2.8 TDI	2002-06	
BCQ/AUH	116	158
DW-TL BCQ	56008	
DW-TL	56037	
LT 28-46 II Chassis (2DC, 2DF, 2DG, 2DL, 2DM) 2.8 TDI	1997-02	
AGK	92	125
Solenoid	73012	
LT 28-46 II Van (2DA, 2DD, 2DH) 2.5 SDI	1996-06	
AGX	55	75
DW-AGR	56047	
Solenoid	73012	
LT 28-46 II Van (2DA, 2DD, 2DH) 2.5 TDI	1999-06	
APA	66	90
DW-AGR ->Ch.2D-1-014 000	56047	
Solenoid	73012	
LT 28-46 II Van (2DA, 2DD, 2DH) 2.5 TDI	1999-06	
AVR/ANJ	80	109
DW-AGR ->Ch.2D-1-014 001	56047	
DW-TL ->Ch.2D-1-014 000	56005	
DW-TL Ch.2D-1-014 001	56008	
DW-TL Ch.2D-1-014 001->	56037	
Solenoid	73012	
LT 28-46 II Van (2DA, 2DD, 2DH) 2.5 TDI	2001-06	
BBE	61	83
DW-TL Ch.2D-1-014 001	56008	
LT 28-46 II Van (2DA, 2DD, 2DH) 2.5 TDI	2001-06	
BBF	70	95
DW-AGR BBF	56047	
DW-TL Ch.2D-1-014 001	56008	
LT 28-46 II Van (2DA, 2DD, 2DH) 2.5 TDI	1996-99	
AHD	75	102
DW-AGR ->Ch.2D-1-014 000	56047	
LT 28-46 II Van (2DA, 2DD, 2DH) 2.8 TDI	2002-06	
BCQ/AUH	116	158
DW-TL	56008	
DW-TL	56037	
LT 28-46 II Van (2DA, 2DD, 2DH) 2.8 TDI	1997-02	
AGK	92	125
Solenoid	73012	
LT 40-55 I Chassis (293-909) 2.4 D	1978-91	
DW/CP	55	75
Solenoid	73012	
LT 40-55 I Chassis (293-909) 2.4 TD	1982-93	
DV	75	102
Solenoid	73012	



VOLKSWAGEN Cont.		
LT 40-55 I Van (291-512) 2.4 D	1979-92	
DW/CP	55	75
Solenoid	73012	
LT 40-55 I Van (291-512) 2.4 D 4WD	1979-86	
DW	55	75
Solenoid	73012	
LT 40-55 I Van (291-512) 2.4 TD	1986-92	
DV	75	102
Solenoid	73012	
Lupo (6X1, 6E1) 1.2 TDI 3L	1999-05	
AYZ/ANY	45	61
DW-AGR	56047	
DW-TL	56005	
Lupo (6X1, 6E1) 1.4 TDI	1999-05	
AMF	55	75
DW-AGR	56047	
Lupo (6X1, 6E1) 1.7 SDI	1998-05	
AKU	44	60
DW-TL	56005	
Solenoid	73012	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 1.9 TDI	2003-09	
AXB	77	77
Control Valve Ch.7H4082001; Additional heating	55012	
DW-AGR AXB	56046	
DW-TL	56006	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 1.9 TDI	2006-09	
BRS	75	75
Control Valve Additional heating	55012	
DW-TL	56006	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 1.9 TDI	2003-09	
AXC	63	63
Control Valve Ch.7H4082001; 7J4033001; Additional heating	55012	
DW-AGR AXC	56046	
DW-TL	56006	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 1.9 TDI	2006-09	
BRR	62	62
Control Valve Additional heating	55012	
DW-TL	56006	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.0	2003-15	
AXA	85	85
Control Valve Additional heating	55012	
Control Valve Ch.7JA200001,7HA200001; Manual; Additional heating	55014	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.0 BitDI	2009-15	
CFCA	132	180
Control Valve Ch.7HA200001,7JA200001; Additional heating	55014	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.0 TDI	2011-15	
CAAD	84	114
Control Valve Ch.7HC000001,7JC000001; Manual; Additional heating	55014	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.0 TDI	2009-15	
CAAA	62	84
Control Valve Ch.7HA200001,7JA200001; Manual; Additional heating	55014	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.0 TDI	2009-15	
CAAB	75	102
Control Valve Ch.7HA200001,7JA200001; Manual; Additional heating	55014	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.0 TDI	2009-15	
CAAC/CCHA	103	140
Control Valve Ch.7HA200001,7JA200001; Additional heating	55014	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.0 TDI 4motion	2009-15	
CAAC/CCHA	103	140
Control Valve Ch.7HA200001,7JA200001; Additional heating	55014	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.0 TSI	2011-15	
CJKA	150	204
Control Valve Ch.7H-C-000 001; Additional heating	55014	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.0 TSI	2012-15	
CJKB	110	150
Control Valve Ch.7HC000001,7JC000001; Additional heating	55014	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.0 TSI 4motion	2011-15	
CJKA	150	204
Control Valve Ch.7H-C-000 001; Additional heating	55014	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.5 TDI	2003-09	
AXD/BNZ	96	96
Control Valve Additional heating	55012	
DW-AGR AXD	56046	
DW-TL	56006	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.5 TDI	2003-09	
AXE/BPC	128	128
Control Valve Additional heating	55012	
DW-AGR AXE	56046	
DW-TL	56006	

VOLKSWAGEN Cont.		
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.5 TDI	2003-09	
BLJ	120	120
Control Valve Additional heating	55012	
DW-AGR BLJ	56046	
DW-TL	56006	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.5 TDI 4motion	2004-09	
AXD/BNZ	96	96
Control Valve Additional heating	55012	
DW-AGR AXD	56046	
DW-TL	56006	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.5 TDI 4motion	2004-09	
AXE/BPC	128	128
Control Valve Additional heating	55012	
DW-AGR AXE	56046	
DW-TL	56006	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 3.2 V6	2004-04	
BDL	170	170
Control Valve Additional heating	55012	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 3.2 V6	2004-09	
BKK/CFLA	173	173
Control Valve Additional heating	55012	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 3.2 V6 4motion	2004-09	
BKK/CFLA	173	173
Control Valve Additional heating	55012	
Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.0 BitDI 4motion	2009-15	
CFCA	132	180
Control Valve Ch.7HA200001,7JA200 001; Additional heating	55014	
New Beetle (9C1, 1C1) 1.9 TDI	2001-10	
BEW/ATD	74	101
DW-TL Ch.1C-9-500 001	56006	
DW-TL ATD	56008	
DW-TL BEW	56037	
New Beetle (9C1, 1C1) 1.9 TDI	2005-10	
BSW	77	105
DW-TL	56006	
DW-TL	56008	
New Beetle (9C1, 1C1) 1.9 TDI	1998-04	
ALH	66	90
DW-AGR ->Ch.1C-X-499 000	56047	
DW-TL	56005	
DW-TL Ch.9C-Y-600 001	56008	
DW-TL Ch.9C-Y-600 001->	56037	
Solenoid	73012	
New Beetle Cabriolet (1Y7) 1.9 TDI	2003-10	
AXR	74	100
DW-TL	56006	
DW-TL	56008	
New Beetle Cabriolet (1Y7) 1.9 TDI	2005-10	
BSW	77	105
DW-TL	56006	
DW-TL	56008	
Passat (32) 1.5 D	1977-80	
CK	37	50
Solenoid Only for Delphi Equipment	73010	
Solenoid Only for Bosch Equipment	73012	
Passat (32B) 1.6 D	1980-88	
JK/CR	40	54
Solenoid	73012	
Passat (32B) 1.6 TD	1982-88	
CY	51	70
Solenoid	73012	
Passat (362) 1.4 TSI	2010-14	
CAXA	90	122
Control Valve Ch.3C-B-200 001; Additional heating	55001	
Passat (362) 1.4 TSI	2012-14	
CTHD	118	160
Control Valve Ch.3C-B-200 001; Additional heating	55001	
Passat (362) 1.4 TSI EcoFuel	2010-14	
CDGA	110	150
Control Valve Ch.3C-B-200 001; Additional heating	55001	
Passat (362) 1.4 TSI MultiFuel	2010-14	
CKMA	118	160
Control Valve Ch.3C-B-200 001; Additional heating	55001	
Passat (362) 1.8 TSI	2010-14	
CDA A	118	160
Control Valve Ch.3C-B-200 001; Additional heating	55001	
Passat (362) 2.0 TDI	2010-14	
CFFA	100	136
DW-TL	56006	



VOLKSWAGEN Cont.		
Passat (362) 2.0 TDI	2010-14	
CFFB	103	140
DW-TL		56006
Passat (362) 2.0 TDI	2010-14	
CFGB/CLLA	125	170
DW-TL		56006
Passat (362) 2.0 TDI	2012-14	
CFGC	130	177
DW-TL		56006
Passat (362) 2.0 TDI 4motion	2010-14	
CFFB	103	140
DW-TL		56006
Passat (362) 2.0 TDI 4motion	2010-13	
CFGB	125	170
DW-TL		56006
Passat (362) 2.0 TDI 4motion	2013-14	
CFGC	130	177
DW-TL		56006
Passat (362) 2.0 TSI	2010-14	
CCZB	155	210
Control Valve Ch.3C-B-200 001; Additional heating		55001
Passat (362) 3.6 FSI 4motion	2011-14	
BWS	220	300
Control Valve Ch.3C-B-200 001; Additional heating		55001
Passat (3A2, 35I) 1.6 TD	1988-93	
RA/SB	59	80
Solenoid		73012
Passat (3A2, 35I) 1.9 D	1989-93	
1Y	50	68
Solenoid		73012
Passat (3A2, 35I) 1.9 TD	1991-96	
AAZ	55	75
Solenoid		73012
Passat (3A2, 35I) 1.9 TDI	1993-96	
1Z/AHU	66	90
DW-AGR AHU		56047
Solenoid		73012
Passat (3A2, 35I) 1.9 TDI	1996-96	
AFN	81	110
DW-AGR AFN		56047
DW-TL		56005
Solenoid		73012
Passat (3B2) 1.9 TDI	1998-00	
ATJ/AJM	85	115
DW-AGR		56047
DW-TL Ch.3B-V-000 001->		56005
Passat (3B2) 1.9 TDI	1996-00	
AHU/AHH	66	90
DW-AGR AHH		56047
DW-TL AHH; Ch.3B-V-000 001->		56005
Solenoid		73012
Passat (3B2) 1.9 TDI	1996-00	
AVG/AFN	81	110
DW-AGR AVG		56047
DW-TL Ch.3B-V-000 001->		56005
Solenoid		73012
Passat (3B2) 1.9 TDI 4motion	1999-00	
ATJ	85	115
DW-AGR ATJ		56047
DW-TL Ch.3B-V-000 001->		56005
Passat (3B2) 1.9 TDI Syncro/4motion	1996-00	
AVG/AFN	81	110
DW-AGR		56047
DW-TL Ch.3B-V-000 001->		56005
Solenoid		73012
Passat (3B2) 2.5 TDI	1998-00	
AKN/AFB	110	150
DW-TL Ch.3B-V-000 001		56006
Passat (3B2) 2.5 TDI Syncro/4motion	1998-00	
AKN/AFB	110	150
DW-TL Ch.3B-V-000 001		56006
Passat (3B3) 1.9 TDI	2000-05	
AVB	74	101
DW-AGR AVB		56047
DW-TL Ch.3B-V-000 001->		56005
DW-TL		56008
DW-TL AVB		56037

VOLKSWAGEN Cont.		
Passat (3B3) 1.9 TDI	2000-05	
AWX/AVF	96	130
DW-TL		56008
DW-TL		56037
Passat (3B3) 1.9 TDI 4motion	2000-05	
AVF	96	130
DW-TL		56008
DW-TL AVF		56037
Passat (3B3) 2.0 TDI	2003-05	
BGW/BHW	100	136
DW-TL BGW		56008
DW-TL		56037
Passat (3B3) 2.5 TDI	2000-05	
AKN/AFB	110	150
DW-TL Ch.3B-V-000 001		56006
Passat (3B3) 2.5 TDI	2003-05	
BDG	120	163
DW-TL		56006
Passat (3B3) 2.5 TDI 4motion	2000-05	
AKN/AFB	110	150
DW-TL Ch.3B-V-000 001		56006
Passat (3B3) 2.5 TDI 4motion	2003-05	
BAU/BDH	132	180
DW-TL		56006
Passat (3C2) 1.4 TSI	2007-10	
CAXA	90	122
Control Valve CAXA; Additional heating		55001
Passat (3C2) 1.4 TSI EcoFuel	2009-10	
CDGA	110	150
Control Valve CDGA; Additional heating		55001
Passat (3C2) 1.6	2005-10	
BSF/BSE	75	102
Control Valve Additional heating		55001
Passat (3C2) 1.6 FSI	2005-08	
BLF	85	115
Control Valve BLF; Additional heating		55001
Passat (3C2) 1.6 TDI	2009-10	
CAYC	77	105
Control Valve CAYC; Additional heating		55001
Passat (3C2) 1.8 TSI	2007-10	
BZB/CDAA	118	160
Control Valve Additional heating		55001
Passat (3C2) 1.9 TDI	2005-08	
BXE/BKC/BLS	77	105
Control Valve Additional heating		55001
DW-TL BLS		56006
Passat (3C2) 2.0 BlueTDI	2009-10	
CBAC	105	143
Control Valve CBAC; Additional heating		55001
DW-TL CBAC		56006
Passat (3C2) 2.0 FSI	2005-10	
BLV/BLR/BVZ/BVY	110	150
Control Valve Additional heating		55001
Passat (3C2) 2.0 FSI	2005-10	
BWA/BPY/AXX/CBFA/CCZA/CAWB/CCTA	147	200
Control Valve BPY/BWA/CAWB/CCTA/CCZA; Additional heating		55001
Passat (3C2) 2.0 FSI 4motion	2005-10	
BVX/BLX/BLY	110	150
Control Valve Additional heating		55001
Passat (3C2) 2.0 TDI	2005-10	
CBBB/BMR	125	170
Control Valve Additional heating		55001
DW-TL		56006
Passat (3C2) 2.0 TDI	2005-09	
BMP	103	140
Control Valve BMP; Additional heating		55001
DW-TL BMP		56006
Passat (3C2) 2.0 TDI	2005-06	
BVE	90	122
DW-TL		56006
Passat (3C2) 2.0 TDI	2005-09	
BUZ	120	163
DW-TL		56006
Passat (3C2) 2.0 TDI	2005-10	
CBAA/BMA	100	136
Control Valve Additional heating		55001
DW-TL		56006



VOLKSWAGEN Cont.		
Passat (3C2) 2.0 TDI	2005-07	
BWV	88	120
Control Valve BMW; Additional heating	55001	
DW-TL	56006	
Passat (3C2) 2.0 TDI	2008-10	
CBDC	81	110
Control Valve CBDC; Additional heating	55001	
DW-TL	56006	
Passat (3C2) 2.0 TDI 16V	2005-10	
BKP/CBAB	103	140
Control Valve Additional heating	55001	
DW-TL	56006	
Passat (3C2) 2.0 TDI 16V 4motion	2005-10	
BKP/CBAB	103	140
Control Valve Additional heating	55001	
DW-TL	56006	
Passat (3C2) 2.0 TDI 4motion	2005-09	
BMP	103	140
DW-TL	56006	
Passat (3C2) 2.0 TDI 4motion	2009-10	
CBBB	125	170
Control Valve CBBB; Additional heating	55001	
DW-TL	56006	
Passat (3C2) 3.2 FSI 4motion	2005-10	
AXZ	184	250
Control Valve AXZ; Additional heating	55001	
Passat (3C2) 3.6 R36 4motion	2007-10	
BWS	220	300
Control Valve BWS; Additional heating	55001	
Passat Alltrack (365) 1.8 TSI	2012-14	
CDAB	112	152
Control Valve Ch.3C-B-200 001; Additional heating	55001	
Passat Alltrack (365) 1.8 TSI	2012-14	
CDAA	118	160
Control Valve Ch.3C-B-200 001; Additional heating	55001	
Passat Alltrack (365) 2.0 TDI	2012-14	
CFFB	103	140
DW-TL	56006	
Passat Alltrack (365) 2.0 TDI 4motion	2012-14	
CFFB	103	140
DW-TL	56006	
Passat Alltrack (365) 2.0 TDI 4motion	2012-14	
CFGB	125	170
DW-TL	56006	
Passat Alltrack (365) 2.0 TDI 4motion	2013-14	
CFGC	130	177
DW-TL	56006	
Passat Alltrack (365) 2.0 TSI 4motion	2012-14	
CCZB	155	210
Control Valve Ch.3C-B-200 001; Additional heating	55001	
Passat CC (357) 1.4 TSI MultiFuel	2011-12	
CKMA	118	160
Control Valve CKMA; Additional heating	55001	
Passat CC (357) 1.8 TSI	2008-12	
BZB/CDAA	118	160
Control Valve Additional heating	55001	
Passat CC (357) 2.0 BlueTDI	2009-10	
CBAC	105	143
DW-TL	56006	
Passat CC (357) 2.0 TSI	2010-12	
CCZB	155	211
Control Valve CCZB; Additional heating	55001	
Passat CC (357) 2.0 TSI	2008-12	
CBFA/CCZA/CAWB/CCTA	147	200
Control Valve Additional heating	55001	
Passat CC (357) 3.6 FSI 4motion	2008-10	
BWS	220	300
Control Valve BWS; Additional heating	55001	
Passat Sedan (32B) 1.6 TD	1985-88	
CY	51	70
Solenoid	73012	
Passat Variant (32B) 1.6 D	1980-88	
JK/CR	40	54
Solenoid	73012	
Passat Variant (32B) 1.6 TD	1982-88	
CY	51	70
Solenoid	73012	

VOLKSWAGEN Cont.		
Passat Variant (33) 1.5 D		1977-80
CK	37	50
Solenoid Only for Delphi Equipment		73010
Solenoid Only for Bosch Equipment		73012
Passat Variant (33) 1.6 D		1979-80
CR	40	54
Solenoid		73012
Passat Variant (365) 1.4 TSI		2010-14
CAXA	90	122
Control Valve Ch.3C-B-200 001; Additional heating		55001
Passat Variant (365) 1.4 TSI		2012-14
CTHD	118	160
Control Valve Ch.3C-B-200 001; Additional heating		55001
Passat Variant (365) 1.4 TSI EcoFuel		2010-14
CDGA	110	150
Control Valve Ch.3C-B-200 001; Additional heating		55001
Passat Variant (365) 1.4 TSI MultiFuel		2010-14
CKMA	118	160
Control Valve Ch.3C-B-200 001; Additional heating		55001
Passat Variant (365) 1.8 TSI		2010-14
CDAA	118	160
Control Valve Ch.3C-B-200 001; Additional heating		55001
Passat Variant (365) 2.0 TDI		2010-14
CFFA	100	136
DW-TL		56006
Passat Variant (365) 2.0 TDI		2010-14
CFFB	103	140
DW-TL		56006
Passat Variant (365) 2.0 TDI		2010-14
CFGB/CLLA	125	170
DW-TL		56006
Passat Variant (365) 2.0 TDI		2012-14
CFGC	130	177
DW-TL		56006
Passat Variant (365) 2.0 TDI 4motion		2010-14
CFFB	103	140
DW-TL		56006
Passat Variant (365) 2.0 TDI 4motion		2010-13
CFGB	125	170
DW-TL		56006
Passat Variant (365) 2.0 TDI 4motion		2013-14
CFGC	130	177
DW-TL		56006
Passat Variant (365) 2.0 TSI		2010-14
CCZB	155	210
Control Valve Ch.3C-B-200 001; Additional heating		55001
Passat Variant (365) 3.6 FSI 4motion		2011-14
BWS	220	300
Control Valve Ch.3C-B-200 001; Additional heating		55001
Passat Variant (3A5, 35I) 1.6 TD		1988-93
RA/SB	59	80
Solenoid		73012
Passat Variant (3A5, 35I) 1.9 D		1989-93
1Y	50	68
Solenoid		73012
Passat Variant (3A5, 35I) 1.9 TD		1991-97
AAZ	55	75
Solenoid		73012
Passat Variant (3A5, 35I) 1.9 TDI		1993-97
1Z/AHU	66	90
DW-AGR AHU		56047
Solenoid		73012
Passat Variant (3A5, 35I) 1.9 TDI		1996-97
AFN	81	110
DW-AGR AFN		56047
DW-TL		56005
Solenoid		73012
Passat Variant (3B5) 1.9 TDI		1998-00
ATJ/AJM	85	115
DW-AGR		56047
DW-TL Ch.3B-V-000 001->		56005
Passat Variant (3B5) 1.9 TDI		1997-00
AHU/AHH	66	90
DW-AGR		56047
DW-TL AHH; Ch.3B-V-000 001->		56005
Solenoid		73012



VOLKSWAGEN Cont.		
Passat Variant (3B5) 1.9 TDI	1997-00	
AVG/AFN	81	110
DW-AGR		56047
DW-TL Ch.3B-V-000 001->		56005
Solenoid		73012
Passat Variant (3B5) 1.9 TDI 4motion	1999-00	
ATJ	85	115
DW-AGR ATJ		56047
DW-TL Ch.3B-V-000 001->		56005
Passat Variant (3B5) 1.9 TDI Syncro/4motion	1997-00	
AVG/AFN	81	110
DW-AGR		56047
DW-TL Ch.3B-V-000 001->		56005
Solenoid		73012
Passat Variant (3B5) 2.5 TDI	1998-00	
AKN/AFB	110	150
DW-TL Ch.3B-V-000 001		56006
Passat Variant (3B5) 2.5 TDI Syncro/4motion	1998-00	
AKN/AFB	110	150
DW-TL Ch.3B-V-000 001		56006
Passat Variant (3B6) 1.9 TDI	2000-05	
AVB	74	101
DW-AGR AVB		56047
DW-TL Ch.3B-V-000 001->		56005
DW-TL		56008
DW-TL AVB		56037
Passat Variant (3B6) 1.9 TDI	2000-05	
AWX/AVF	96	130
DW-TL		56008
DW-TL		56037
Passat Variant (3B6) 1.9 TDI 4motion	2000-05	
AVF	96	130
DW-TL		56008
DW-TL AVF		56037
Passat Variant (3B6) 2.0 TDI	2003-05	
BGW/BHW	100	136
DW-TL		56008
DW-TL		56037
Passat Variant (3B6) 2.5 TDI	2000-05	
AKN/AFB	110	150
DW-TL Ch.3B-V-000 001		56006
Passat Variant (3B6) 2.5 TDI	2003-05	
BDG	120	163
DW-TL		56006
Passat Variant (3B6) 2.5 TDI 4motion	2000-05	
AKN/AFB	110	150
DW-TL Ch.3B-V-000 001		56006
Passat Variant (3B6) 2.5 TDI 4motion	2003-05	
BAU/BDH	132	180
DW-TL		56006
Passat Variant (3C5) 1.4 TSI	2007-10	
CAXA	90	122
Control Valve CAXA; Additional heating		55001
Passat Variant (3C5) 1.4 TSI EcoFuel	2009-10	
CDGA	110	150
Control Valve CDGA; Additional heating		55001
Passat Variant (3C5) 1.6	2005-10	
BSF/BSE	75	102
Control Valve Additional heating		55001
Passat Variant (3C5) 1.6 FSI	2005-08	
BLF	85	115
Control Valve BLF; Additional heating		55001
Passat Variant (3C5) 1.6 TDI	2009-10	
CAYC	77	105
Control Valve CAYC; Additional heating		55001
Passat Variant (3C5) 1.9 TDI	2005-08	
BXE/BKC/BLS	77	105
Control Valve Additional heating		55001
DW-TL BLS		56006
Passat Variant (3C5) 2.0 BlueTDI	2009-10	
CBAC	105	143
Control Valve CBAC; Additional heating		55001
DW-TL		56006
Passat Variant (3C5) 2.0 FSI	2005-10	
BLY/BLR/BVZ/BVY	110	150
Control Valve Additional heating		55001
Passat Variant (3C5) 2.0 FSI	2005-10	
BWA/BPY/AXX/CBFA/CCZA/CAWB/CCTA	147	200
Control Valve BPY/BWA/CAWB/CCTA/CCZA; Additional heating		55001

VOLKSWAGEN Cont.		
Passat Variant (3C5) 2.0 FSI 4motion	2005-10	
BVX/BLX/BLY	110	150
Control Valve Additional heating		55001
Passat Variant (3C5) 2.0 TDI	2005-06	
BVE	90	122
Control Valve BVE; Additional heating		55001
DW-TL		56006
Passat Variant (3C5) 2.0 TDI	2005-10	
CBAA/BMA	100	136
Control Valve Additional heating		55001
DW-TL		56006
Passat Variant (3C5) 2.0 TDI	2005-10	
CBBB/BMR	125	170
Control Valve Additional heating		55001
DW-TL		56006
Passat Variant (3C5) 2.0 TDI	2005-09	
BMP	103	140
Control Valve BMP; Additional heating		55001
DW-TL BMP		56006
Passat Variant (3C5) 2.0 TDI	2005-09	
BUZ	120	163
DW-TL		56006
Passat Variant (3C5) 2.0 TDI	2008-10	
CBDC	81	110
Control Valve CBDC; Additional heating		55001
DW-TL		56006
Passat Variant (3C5) 2.0 TDI	2005-07	
BWV	88	120
Control Valve BMV; Additional heating		55001
DW-TL		56006
Passat Variant (3C5) 2.0 TDI 16V	2005-10	
BKP/CBAB	103	140
Control Valve Additional heating		55001
DW-TL		56006
Passat Variant (3C5) 2.0 TDI 16V 4motion	2005-10	
BKP/CBAB	103	140
Control Valve Additional heating		55001
DW-TL		56006
Passat Variant (3C5) 2.0 TDI 4motion	2005-09	
BMP	103	140
Control Valve BMP; Additional heating		55001
DW-TL BMP		56006
Passat Variant (3C5) 2.0 TDI 4motion	2009-10	
CBBB	125	170
Control Valve CBBB; Additional heating		55001
DW-TL		56006
Passat Variant (3C5) 3.2 FSI 4motion	2005-10	
AXZ	184	250
Control Valve AXZ; Additional heating		55001
Passat Variant (3C5) 3.6 R36 4motion	2007-10	
BWS	220	300
Control Valve BWS; Additional heating		55001
Phaeton (3D) 5.0 V10 TDI 4motion	2002-06	
AJS	230	313
DW-AGR Ch.3D-3-004 901->		56046
Polo (6N1) 1.7 SDI	1997-99	
AHG	42	57
Solenoid		73012
Polo (6N1) 60 1.7 SDI	1997-99	
AKU	44	60
DW-TL		56005
Solenoid		73012
Polo (6N1) 64 1.9 D	1994-99	
AEF	47	64
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015
Polo (6N1) 64 1.9 SDI	1996-99	
AGD	47	64
Solenoid		73012
Polo (6N2) 1.4 TDI	1999-01	
AMF	55	75
DW-AGR Ch.6N-YD000 001->		56047
Polo (6N2) 1.7 SDI	1999-01	
AKU	44	60
DW-TL		56005
Solenoid		73012
Polo (6N2) 1.9 D	1999-01	
AEF	47	64
Solenoid With cable		73015



VOLKSWAGEN Cont.		
Polo (6N2) 1.9 SDI	1999-01	
ASX/AGD	47	64
DW-TL ASX; Ch.6N-YD000 001->		56005
Solenoid		73012
Polo (9N) 1.4 TDI	2001-05	
AMF/BAY	55	75
DW-AGR AMF; Ch.6N-YD000 001->		56047
Polo (9N) 1.4 TDI	2005-09	
BMS/BNV	59	80
DW-TL BMS; Ch.9N-5-500 001		56006
Polo (9N) 1.4 TDI	2005-09	
BNM/BWB	51	70
DW-TL BWB; Ch.9N-5-500 001		56006
Polo (9N) 1.9 SDI	2001-09	
ASY	47	64
DW-TL Ch.9N-2-000 001		56008
Polo (9N) 1.9 TDI	2001-09	
BMT/AXR/ATD	74	101
DW-TL BMT; Ch.9N-5-500 001		56006
Polo Classic (6KV2) 110 1.9 TDI	1998-02	
AFN/ASV	81	110
DW-AGR Ch.6K-Y-502 795->		56047
DW-RK Ch.6K-Y-502 795->		56047
DW-TL Ch.6K-Y-502 795->		56047
Solenoid		73012
Polo Classic (6KV2) 57 1.7 SDI	1997-01	
AKW	42	57
Solenoid		73012
Polo Classic (6KV2) 64 1.9 SDI	1995-99	
AEY	47	64
Solenoid		73012
Polo Classic (6KV2) 68 1.9 SDI	1999-02	
AGP/AQM	50	68
Solenoid		73012
Polo Classic (6KV2) 90 1.9 TDI	1996-01	
ALE/AHU/AGR/ALH	66	90
DW-AGR Ch.6K-Y-502 795->		56047
DW-RK Ch.6K-Y-502 795->		56047
DW-TL Ch.6K-Y-502 795->		56047
Solenoid		73012
Polo Sedan (9A4) 1.9 SDI	2002->	
ASY	47	64
DW-TL		56008
Polo Van (6NF) 1.7 SDI	1997-99	
AKU	44	60
DW-TL		56005
Solenoid		73012
Polo Van (6NF) 1.9 D	1994-99	
AEF	47	64
Solenoid Only for Bosch Equipment		73012
Solenoid Only for Delphi Equipment; With cable		73015
Polo Van (6NF) 1.9 SDI	1996-99	
AGD	47	64
Solenoid		73012
Polo Variant (6KV5) 1.7 SDI	1997-01	
AKW	42	57
DW-AGR AKW		56047
Solenoid		73012
Polo Variant (6KV5) 1.9 SDI	1999-01	
AGP/AQM	50	68
DW-AGR Ch.6K-Y-502 795->		56047
Solenoid		73012
Polo Variant (6KV5) 1.9 SDI	1997-01	
AEY	47	64
DW-AGR AEY		56047
Solenoid		73012
Polo Variant (6KV5) 1.9 TDI	1998-01	
AFN/ASV	81	110
DW-AGR Ch.6K-Y-502 795->		56047
DW-TL Ch.6K-Y-502 795->		56005
Solenoid		73012
Polo Variant (6KV5) 1.9 TDI	1997-01	
ALE/AHU/AGR/ALH	66	90
DW-AGR ALH; AHU; ALE; Ch.6K-Y-502 795->		56047
DW-TL ALH; Ch.6K-Y-502 795->		56005
Solenoid		73012
Santana (32B) 1.6 D	1981-84	
JK/CR	40	54
Solenoid		73012

VOLKSWAGEN Cont.		
Santana (32B) 1.6 TD	1981-84	
CY	51	70
Solenoid		73012
Scirocco (137, 138) 2.0 TDI	2008->	
CBDB/CFHC	103	140
DW-TL CBDB		56006
Scirocco (137, 138) 2.0 TDI	2009->	
CFGB/CBBB	125	170
DW-TL CBBB		56006
Sharan (7M8, 7M9, 7M6) 1.9 TDI	2000-10	
BVK/AUY	85	115
DW-TL 01.2001->		56008
DW-TL		56037
Sharan (7M8, 7M9, 7M6) 1.9 TDI	2002-10	
ASZ	96	130
DW-TL		56008
DW-TL ASZ		56037
Sharan (7M8, 7M9, 7M6) 1.9 TDI	2005-10	
BTB	110	150
DW-TL		56008
DW-TL BTB		56037
Sharan (7M8, 7M9, 7M6) 1.9 TDI	1995-10	
ANU/1Z/AHU	66	90
DW-AGR AHU		56047
DW-TL ANU; 01.2001->		56008
Solenoid		73012
Sharan (7M8, 7M9, 7M6) 1.9 TDI	1996-00	
AVG/AFN	81	110
DW-AGR		56047
DW-TL		56005
Solenoid		73012
Sharan (7M8, 7M9, 7M6) 1.9 TDI 4motion	2000-10	
BVK/AUY	85	115
DW-TL AUY; 01.2001->		56008
DW-TL		56037
Sharan (7M8, 7M9, 7M6) 2.0 TDI	2005-10	
BRT	103	140
DW-TL		56006
Sharan (7M8, 7M9, 7M6) 2.0 TDI	2005-10	
BVH	100	136
DW-TL		56006
Sharan (7N) 1.4 TSI	2010->	
CTHA/CNWB/CAVA	110	150
Control Valve CAVA; CTHA; Additional heating		55001
Sharan (7N) 2.0 TDI	2011->	
CFFE/CUVA/DFLD	85	115
Control Valve CFFE; Additional heating		55001
Control Valve CUVA; Ch.7N-G-200 001; Additional heating		55014
Sharan (7N) 2.0 TDI	2010->	
CFFB	103	140
Control Valve CFFB; Additional heating		55001
Sharan (7N) 2.0 TDI	2010->	
CFGB	125	170
Control Valve CFGB; Additional heating		55001
Sharan (7N) 2.0 TDI	2013->	
CFGC	130	177
Control Valve CFGC; Additional heating		55001
Sharan (7N) 2.0 TDI 4motion	2011->	
CFFB	103	140
Control Valve CFFB; Additional heating		55001
Sharan (7N) 2.0 TSI	2010->	
CCZA	147	200
Control Valve CCZA; Additional heating		55001
Tiguan (5N) 2.0 TDI	2008->	
CFFB/CBAB	103	140
DW-TL		56006
Tiguan (5N) 2.0 TDI	2010->	
CFFD	81	110
DW-TL		56006
Tiguan (5N) 2.0 TDI 4motion	2007->	
CFFB/CLJA/CBAB	103	140
DW-TL		56006
Tiguan (5N) 2.0 TDI 4motion	2007->	
CFGB/CBBB	125	170
DW-TL		56006
Tiguan (5N) 2.0 TDI 4motion	2007->	
CBAA/CFFA	100	136
DW-TL		56006



VOLKSWAGEN Cont.		
Tiguan (5N) 2.0 TDI 4motion	2012->	
CFGC	130	177
DW-TL	56006	
Tiguan (5N) 2.0 TDI 4motion	2008-09	
CBBA	120	163
DW-TL	56006	
Touareg (7LA, 7L6, 7L7) 2.5 R5 TDI	2003-10	
BPE/BAC	128	128
Control Valve BAC; Ch.7L6020000; Additional heating	55012	
Control Valve Ch.7L-6-020 001; Additional heating	55014	
DW-AGR BAC	56046	
DW-TL	56037	
Touareg (7LA, 7L6, 7L7) 3.0 V6 TDI	2004-10	
CATA/BKS	165	165
Control Valve BKS; Ch.7L6020000; Additional heating	55012	
Control Valve Ch.7L-6-020 001; Additional heating	55014	
Touareg (7LA, 7L6, 7L7) 3.0 V6 TDI	2007-10	
CASA/CASC	176	240
Control Valve Additional heating	55014	
Touareg (7LA, 7L6, 7L7) 3.2 V6	2002-06	
AZZ/BMV/BKJ/BAA/BMX/BRJ	162	162
Control Valve Ch.7L6020000; Additional heating	55012	
Control Valve BMV/BMX/BRJ; Ch.7L6020001; Additional heating	55014	
Touareg (7LA, 7L6, 7L7) 3.2 V6	2004-06	
BMV	177	177
Control Valve Ch.7L6020000; Additional heating	55012	
Control Valve Ch.7L-6-020-001; Additional heating	55014	
Touareg (7LA, 7L6, 7L7) 3.6 V6 FSI	2005-10	
BHL/BHK	206	206
Control Valve Ch.7L6020000; Additional heating	55012	
Control Valve BHK; Ch.7L-6-020 001; Additional heating	55014	
Touareg (7LA, 7L6, 7L7) 4.2 V8	2002-06	
AXQ/BHX	228	228
Control Valve Ch.7L6020000; Additional heating	55012	
Control Valve AXQ; Ch.7L-6-020 001; Additional heating	55014	
Touareg (7LA, 7L6, 7L7) 4.2 V8 FSI	2006-10	
BAR	257	350
Control Valve Ch.7L-6-020 001; Additional heating	55014	
Touareg (7LA, 7L6, 7L7) 5.0 R50 TDI	2007-10	
CBWA	257	350
Control Valve Ch.7L6***; Additional heating	55014	
Touareg (7LA, 7L6, 7L7) 5.0 V10 TDI	2002-10	
AYH/BLE/BWF	230	230
Control Valve AYH; BLE; Ch.7L6020000; Additional heating	55012	
Control Valve Ch.7L-6-020 001; Additional heating	55014	
DW-TL AYH	56008	
Touareg (7LA, 7L6, 7L7) 6.0 W12	2004-10	
CFRA/BJN	331	331
Control Valve Ch.7L6020000; Additional heating	55012	
Control Valve Ch.7L-6-020 001; Additional heating	55014	
Touareg (7P5) 3.0 V6 TDI	2010->	
CASA/CNRB	176	240
Control Valve Additional heating	55014	
Touareg (7P5) 3.0 V6 TDI	2010->	
CATA	165	225
Control Valve CATA; Additional heating	55014	
Touareg (7P5) 3.0 V6 TDI	2010->	
CJMA/CASD/CVWA/CRCD	150	204
Control Valve CASD; CJMA; CVWA; Additional heating	55014	
Touareg (7P5) 3.0 V6 TDI	2011->	
CJGD/CRCA	180	245
Control Valve Additional heating	55014	
Touareg (7P5) 3.0 V6 TSI Hybrid	2010->	
CGFA/CGEA	245	333
Control Valve Additional heating	55014	
Touareg (7P5) 3.6 V6 FSI	2010->	
CGRA	206	280
Control Valve CGRA; Additional heating	55014	
Touareg (7P5) 4.2 V8 FSI	2011->	
CGNA	265	360
Control Valve CGNA; Additional heating	55014	
Touareg (7P5) 4.2 V8 TDI	2010->	
CKDA	250	340
Control Valve CKDA; Additional heating	55014	
Touran (1T1, 1T2) 1.4 FSI	2006-10	
BLG/CAVB	125	170
Control Valve BLG; Additional heating	55001	

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Touran (1T1, 1T2) 1.4 TSI	2006-10	
BMV/CAVC	103	140
Control Valve Additional heating	55001	
Touran (1T1, 1T2) 1.4 TSI EcoFuel	2009-10	
CDGA	110	150
Control Valve CDGA; Additional heating	55001	
Touran (1T1, 1T2) 1.6	2003-10	
BGU/BSF/BSE	75	102
Control Valve Additional heating	55001	
Touran (1T1, 1T2) 1.6 FSI	2003-07	
BLF/BLP/BAG	85	115
Control Valve Additional heating	55001	
Touran (1T1, 1T2) 1.9 TDI	2003-10	
BXE/BKC/BLS	77	105
Control Valve Additional heating	55014	
DW-TL BLS	56006	
Touran (1T1, 1T2) 1.9 TDI	2004-10	
BXF/BXJ/BRU	66	90
Control Valve Additional heating	55014	
DW-TL BXJ	56006	
Touran (1T1, 1T2) 2.0 EcoFuel	2006-09	
BSX	80	109
Control Valve BSK; Additional heating	55001	
Touran (1T1, 1T2) 2.0 FSI	2003-07	
BLX/BLY/BLR/AXW/BVZ/BVY	110	150
Control Valve Additional heating	55001	
Touran (1T1, 1T2) 2.0 TDI	2003-10	
AZV	100	136
Control Valve AZV; Additional heating	55014	
Touran (1T1, 1T2) 2.0 TDI	2005-10	
BMN	125	170
Control Valve BMN; Additional heating	55014	
DW-TL BMN	56006	
Touran (1T1, 1T2) 2.0 TDI	2005-10	
BMM	103	140
Control Valve BMM; Additional heating	55014	
DW-TL BMM	56006	
Touran (1T1, 1T2) 2.0 TDI 16V	2003-10	
BKD	103	140
Control Valve BKD; Additional heating	55014	
Touran (1T3) 1.2 TSI	2010-15	
CBZB	77	105
Control Valve CBZB; Additional heating	55001	
Touran (1T3) 1.4 TSI	2010-15	
CTHC/CAVC	103	140
Control Valve Additional heating	55001	
Touran (1T3) 1.4 TSI	2010-15	
CTHB/CAVB	125	170
Control Valve Additional heating	55001	
Touran (1T3) 1.4 TSI EcoFuel	2010-15	
CDGA	110	150
Control Valve CDGA; Additional heating	55001	
Touran (1T3) 1.6 TDI	2010-15	
CAYB	66	90
Control Valve CAYB; Additional heating	55014	
Touran (1T3) 1.6 TDI	2010-15	
CAYC	77	105
Control Valve CAYC; Additional heating	55014	
Touran (1T3) 2.0 TDI	2013-15	
CFJB	130	177
Control Valve CFJB; Additional heating	55014	
Touran (1T3) 2.0 TDI	2010-13	
CFJA	125	170
Control Valve CFJA; Additional heating	55014	
Touran (1T3) 2.0 TDI	2010-15	
CFHC	103	140
Control Valve CFHC; Additional heating	55014	
Touran (1T3) 2.0 TDI	2010-15	
CLCA/CFHF	81	110
Control Valve Additional heating	55014	
Transporter III Bus 1.6 TD	1984-92	
JX	51	70
Solenoid	73012	
Transporter III Bus 1.6 TD Syncro	1986-92	
JX	51	70
Solenoid	73012	
Transporter III Bus 1.7 D	1986-92	
KY	42	57
Solenoid	73012	



VOLKSWAGEN Cont.		
Transporter III Chassis 1.6 TD	1984-92	
JX	51	70
Solenoid		73012
Transporter III Chassis 1.6 TD Syncro	1986-92	
JX	51	69
Solenoid		73012
Transporter III Chassis 1.7 D	1989-92	
KY	42	57
Solenoid		73012
Transporter III Van 1.6 TD	1984-92	
JX	51	69
Solenoid		73012
Transporter III Van 1.6 TD Syncro	1986-92	
JX	51	69
Solenoid		73012
Transporter III Van 1.7 D	1989-92	
KY	42	57
Solenoid		73012
Transporter IV Bus (70XB, 70XC, 7DB, 7DW) 1.9 D	1990-95	
1X	44	60
Solenoid		73012
Transporter IV Bus (70XB, 70XC, 7DB, 7DW) 1.9 TD	1992-03	
ABL	50	68
Solenoid		73012
Transporter IV Bus (70XB, 70XC, 7DB, 7DW) 2.4 D	1990-98	
AAB	57	78
Solenoid		73012
Transporter IV Bus (70XB, 70XC, 7DB, 7DW) 2.4 D Syncro	1992-98	
AAB	57	78
Solenoid		73012
Transporter IV Bus (70XB, 70XC, 7DB, 7DW) 2.5 TDI	1998-03	
AJT/AYY	65	88
DW-AGR		56047
Transporter IV Bus (70XB, 70XC, 7DB, 7DW) 2.5 TDI	1998-03	
AXG/AHY	111	151
DW-AGR		56047
DW-TL		56005
Transporter IV Bus (70XB, 70XC, 7DB, 7DW) 2.5 TDI	1995-03	
AYC/AUF/ACV	75	102
DW-AGR		56047
Solenoid		73012
Transporter IV Bus (70XB, 70XC, 7DB, 7DW) 2.5 TDI Syncro	1996-03	
AXL/ACV	75	102
DW-AGR		56047
DW-TL		56005
Solenoid		73012
Transporter IV Chassis (70XD) 1.9 D	1990-95	
1X	45	61
Solenoid		73012
Transporter IV Chassis (70XD) 1.9 TD	1992-03	
ABL	50	68
Solenoid		73012
Transporter IV Chassis (70XD) 2.4 D	1990-98	
AAB	57	78
Solenoid		73012
Transporter IV Chassis (70XD) 2.4 D Syncro	1992-98	
AAB	57	78
Solenoid		73012
Transporter IV Chassis (70XD) 2.5 TDI	1998-03	
AJT/AYY	65	88
DW-AGR		56047
Transporter IV Chassis (70XD) 2.5 TDI	1995-03	
AYC/AUF/ACV	75	102
DW-AGR		56047
Solenoid		73012
Transporter IV Chassis (70XD) 2.5 TDI Syncro	1998-03	
AXL/ACV	75	102
DW-AGR		56047
DW-TL		56005
Transporter IV Van (70XA) 1.9 D	1990-95	
1X	45	61
Solenoid		73012
Transporter IV Van (70XA) 1.9 TD	1992-03	
ABL	50	68
Solenoid		73012
Transporter IV Van (70XA) 2.4 D	1990-98	
AAB	57	78
Solenoid		73012

VOLKSWAGEN Cont.		
Transporter IV Van (70XA) 2.4 D Syncro	1992-98	
AAB	57	78
Solenoid		73012
Transporter IV Van (70XA) 2.5 TDI	1998-03	
AJT/AYY	65	88
DW-AGR		56047
Transporter IV Van (70XA) 2.5 TDI	2000-03	
AXG	111	151
DW-AGR		56047
DW-TL		56005
Transporter IV Van (70XA) 2.5 TDI	1995-03	
AYC/AUF/ACV	75	102
DW-AGR		56047
Solenoid		73012
Transporter IV Van (70XA) 2.5 TDI Syncro	1995-03	
AXL/ACV	75	102
DW-AGR		56047
DW-TL		56005
Solenoid		73012
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 1.9 TDI	2003-09	
AXC	63	63
Control Valve	Ch.7H4082001; 7J4033001; Additional heating	55012
DW-AGR	AXC	56046
DW-TL		56006
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 1.9 TDI	2003-09	
AXB	77	77
Control Valve	Ch.7H4082001; 7J4033001; Additional heating	55012
DW-AGR	AXB	56046
DW-TL		56006
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 1.9 TDI	2006-09	
BRS	75	75
Control Valve	Additional heating	55012
DW-TL		56006
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 1.9 TDI	2006-09	
BRR	62	62
Control Valve	Additional heating	55012
DW-TL		56006
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 2.0	2003-15	
AXA	85	85
Control Valve	Additional heating	55012
Control Valve	Ch.7JA200001,7HA200001; Manual; Additional heating	55014
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 2.0 BiTDI	2009-15	
CFCA	132	180
Control Valve	Ch.7HA200001,7JA200001; Additional heating	55014
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 2.0 TDI	2011-15	
CAAD	84	114
Control Valve	Ch.7JC000001,7HC000001; Additional heating	55014
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 2.0 TDI	2009-15	
CAAA	62	84
Control Valve	Ch.7HA200001,7JA200001; Manual; Additional heating	55014
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 2.0 TDI	2009-15	
CAAB	75	102
Control Valve	Ch.7H-A-200 001; Manual; Additional heating	55014
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 2.0 TDI	2009-15	
CAAC/CCHA	103	140
Control Valve	Ch.7HA200001,7JA200001; Additional heating	55014
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 2.0 TSI	2011-15	
CJKA	150	204
Control Valve	Ch.7H-C-000 001; Additional heating	55014
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 2.0 TSI	2012-15	
CJKB	110	150
Control Valve	Ch.7HC000001,7JC000001; Additional heating	55014
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 2.5 TDI	2003-09	
AXD/BNZ	96	96
Control Valve	Additional heating	55012
DW-AGR	AXD	56046
DW-TL		56006
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 2.5 TDI	2003-09	
AXE/BPC	128	128
Control Valve	Additional heating	55012
DW-AGR	AXE	56046
DW-TL		56006
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 2.5 TDi	2003-09	
BLJ	120	120
Control Valve	Additional heating	55012
DW-AGR	BLJ	56046
DW-TL		56006



VOLKSWAGEN Cont.		
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 3.2 V6	2004-04	
BDL	170	170
Control Valve Additional heating	55012	
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 3.2 V6	2004-09	
BKK/CFLA	173	173
Control Valve Additional heating	55012	
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 2.0 BiTDI 4motion	2009-15	
CFCA	132	180
Control Valve Ch.7HA200001,7JA200001; Additional heating	55014	
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 2.0 TDI 4motion	2009-15	
CAAC/CCHA	103	140
Control Valve Ch.7HA200001,7JA200001; Additional heating	55014	
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 2.0 TSI 4motion	2011-15	
CJKA	150	204
Control Valve Ch.7H-C-000 001; Additional heating	55014	
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 2.5 TDI 4motion	2004-09	
AXD/BNZ	96	96
Control Valve Additional heating	55012	
DW-AGR AXD	56046	
DW-TL	56006	
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 2.5 TDI 4motion	2004-09	
AXE/BPC	128	128
Control Valve Additional heating	55012	
DW-AGR AXE	56046	
DW-TL	56006	
Transporter V Bus (7HB, 7HJ, 7EB, 7EJ, 7EF) 3.2 V6 4motion	2003-09	
BKK/CFLA	173	173
Control Valve Additional heating	55012	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 1.9 TDI	2003-09	
AXC	63	63
Control Valve Ch.7H4082001; 7J4033001; Additional heating	55012	
DW-AGR AXC	56046	
DW-TL	56006	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 1.9 TDI	2003-09	
AXB	77	77
Control Valve Ch.7H4082001; 7J4033001; Additional heating	55012	
DW-AGR AXB	56046	
DW-TL	56006	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 1.9 TDI	2006-09	
BRS	75	75
Control Valve Additional heating	55012	
DW-TL	56006	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 1.9 TDI	2006-09	
BRR	62	62
Control Valve Additional heating	55012	
DW-TL	56006	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 2.0	2003-13	
AXA	85	85
Control Valve Additional heating	55012	
Control Valve Ch.7JA200001,7HA200001; Manual; Additional heating	55014	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 2.0 BiTDI	2009-15	
CFCA	132	180
Control Valve Ch.7HA200001,7JA200001; Additional heating	55014	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 2.0 TDI	2011-15	
CAAD	84	114
Control Valve Ch.7HC000001,7JC000001; Manual; Additional heating	55014	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 2.0 TDI	2010-15	
CAAE	100	136
Control Valve Ch.7HA200001,7JA200001; Additional heating	55014	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 2.0 TDI	2009-15	
CAAA	62	84
Control Valve Ch.7HA200001,7JA200001; Manual; Additional heating	55014	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 2.0 TDI	2009-15	
CAAB	75	102
Control Valve Ch.7HA200001,7JA200001; Manual; Additional heating	55014	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 2.0 TDI	2009-15	
CAAC	103	140
Control Valve Ch.7HA200001,7JA200001; Additional heating	55014	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 2.0 TSI	2012-15	
CJKB	110	150
Control Valve Ch.7HC000001,7JC000001; Additional heating	55014	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 2.5 TDI	2003-09	
AXD/BNZ	96	96
Control Valve Additional heating	55012	
DW-AGR AXD	56046	
DW-TL	56006	

VOLKSWAGEN Cont.		
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 2.5 TDI	2003-09	
AXE/BPC	128	128
Control Valve Additional heating	55012	
DW-AGR AXE	56046	
DW-TL	56006	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 3.2 V6	2004-09	
BDL	170	170
Control Valve Additional heating	55012	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 3.2 V6	2003-06	
BKK	173	173
Control Valve Additional heating	55012	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 2.0 BiTDI 4motion	2009-15	
CFCA	132	180
Control Valve Ch.7HA200001,7JA200001; Additional heating	55014	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 2.0 TDI 4motion	2010-15	
CAAE/CCHB	100	136
Control Valve Ch.7HA200001,7JA200001; Additional heating	55014	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 2.0 TDI 4motion	2009-15	
CAAC	103	140
Control Valve Ch.7HA200001,7JA200001; Additional heating	55014	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 2.5 TDI 4motion	2004-09	
AXD/BNZ	96	96
Control Valve Additional heating	55012	
DW-AGR AXD	56046	
DW-TL	56006	
Transporter V Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 2.5 TDI 4motion	2004-09	
AXE/BPC	128	128
Control Valve Additional heating	55012	
DW-TL	56006	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 1.9 TDI	2003-09	
AXC	63	63
Control Valve Ch.7H4082001; 7J4033001; Additional heating	55012	
DW-TL	56006	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 1.9 TDI	2003-09	
AXB	77	77
Control Valve Ch.7H4082001; 7J4033001; Additional heating	55012	
DW-TL	56006	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 1.9 TDI	2006-09	
BRS	75	75
Control Valve Additional heating	55012	
DW-TL	56006	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 1.9 TDI	2006-09	
BRR	62	62
Control Valve Additional heating	55012	
DW-TL	56006	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.0	2003-15	
AXA	85	85
Control Valve Additional heating	55012	
Control Valve Ch.7JA200001,7HA200001; Manual; Additional heating	55014	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.0 BiTDI	2009-15	
CFCA	132	180
Control Valve Ch.7HA200001,7JA200001; Additional heating	55014	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.0 BiTDI 4motion	2009-15	
CFCA	132	180
Control Valve Ch.7HA200001,7JA200001; Additional heating	55014	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.0 TDI	2011-15	
CAAD	84	114
Control Valve Ch.7HC000001,7JC000 001; Additional heating	55014	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.0 TDI	2010-15	
CAAE/CCHB	100	136
Control Valve Ch.7HA200 001,7JA200001; Additional heating	55014	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.0 TDI	2009-15	
CAAA	62	84
Control Valve Ch.7HA200 001,7JA200001; Additional heating	55014	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.0 TDI	2009-15	
CAAB	75	102
Control Valve Ch.7HA200001,7JA200001; Manual; Additional heating	55014	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.0 TDI	2009-15	
CAAC/CCHA	103	140
Control Valve Ch.7HA200001,7JA200001; Additional heating	55014	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.0 TDI 4motion	2010-15	
CAAE/CCHB	100	136
Control Valve Ch.7HA200001,7JA200001; Additional heating	55014	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.0 TDI 4motion	2009-15	
CAAC/CCHA	103	140
Control Valve Ch.7HA200001,7JA200001; Additional heating	55014	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.0 TSI	2011-15	
CJKA	150	204
Control Valve Ch.7H-C-000 001; Additional heating	55014	



VOLKSWAGEN Cont.		
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.0 TSI	2012-15	
CJKB	110	150
Control Valve Ch.7HC000001,7JC000001; Additional heating	55014	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.0 TSI 4motion	2011-15	
CJKA	150	204
Control Valve Ch.7H-C-000 001; Additional heating	55014	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.5 TDI	2003-09	
AXD/BNZ	96	96
Control Valve Additional heating	55012	
DW-TL	56006	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.5 TDI	2003-09	
AXE/BPC	128	128
Control Valve Additional heating	55012	
DW-TL	56006	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.5 TDI 4motion	2004-09	
AXD/BNZ	96	96
Control Valve Additional heating	55012	
DW-TL	56006	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.5 TDI 4motion	2004-09	
AXE/BPC	128	128
Control Valve Additional heating	55012	
DW-TL	56006	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 3.2 4motion	2003-09	
BKK/CFLA	173	173
Control Valve Additional heating	55012	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 3.2 V6	2003-04	
BDL	170	170
Control Valve Additional heating	55012	
Transporter V Van (7HA, 7HH, 7EA, 7EH) 3.2 V6	2004-09	
BKK/CFLA	173	173
Control Valve Additional heating	55012	
Vento (1H2) 1.9 D	1991-98	
1Y	48	65
Solenoid	73012	
Vento (1H2) 1.9 SDI	1997-98	
AEY	47	64
DW-AGR	56047	
Vento (1H2) 1.9 TD	1991-98	
AAZ	55	75
Solenoid	73012	
Vento (1H2) 1.9 TDI	1993-98	
ALE/1Z/AHU	66	90
DW-AGR ALE	56047	
Solenoid	73012	
Vento (1H2) 1.9 TDI	1996-98	
AFN	81	110
DW-AGR AFN	56047	
DW-TL	56005	

VOLVO		
340-360 (343, 345) 1.6 Diesel	1984-91	
D 16	40	54
Solenoid	73010	
340-360 Sedan (344) 1.6 Diesel	1984-91	
D 16	40	54
Solenoid	73010	
440 K (445) 1.9 Turbo-Diesel	1994-96	
D 19 T	66	90
Solenoid	73010	
460 L (464) 1.9 Turbo-Diesel	1994-96	
D 19 T	66	90
Solenoid	73010	
C30 2.0 D	2006-12	
D 4204 T	100	136
DW-TL	56019	
S40 I (VS) 1.6	1999-03	
B 4164 S2	80	109
EUV-AGR ->12.2000; Switch Valve; Electric	56034	
S40 I (VS) 1.6	1995-99	
B 4164 S	77	105
EUV-AGR 01.1998->; Switch Valve; Electric	56034	
S40 I (VS) 1.8	1995-99	
B 4184 S3/B 4184 S	85	115
EUV-AGR B 4184 S; Switch Valve; Electric	56034	
S40 I (VS) 1.9 DI	2000-03	
D 4192 T4	75	102
DW-AGR 01.2001->	56047	

VOLVO Cont.		
S40 I (VS) 1.9 DI	2000-03	
D 4192 T3	85	115
DW-AGR 01.2001->	56047	
S40 I (VS) 1.9 TD	1995-99	
D 4192 T	66	90
Solenoid With cable	73015	
S40 I (VS) 2.0	1995-03	
B 4204 S2/B 4204 S	100	136
EUV-AGR B 4204 S; Switch Valve; Electric	56034	
S40 I (VS) 2.0	1995-99	
B 4204 S	103	140
EUV-AGR Switch Valve; Electric	56034	
S40 I (VS) 2.0 T4	2000-03	
B 4204 T5	147	200
EUV-AGR ->12.2000; Switch Valve; Electric	56034	
S40 II (MS) 2.0 D	2004-10	
D 4204 T	100	136
DW-TL	56019	
EUV-AGR Switch Valve; Electric	56034	
S60 I 2.4 D	2001-10	
D 5244 T2	96	130
DW-TL D 5244 T2	56043	
S60 I 2.4 D5	2001-10	
D 5244 T	120	163
DW-TL D 5244 T	56043	
S70 (LS) 2.0	1997-00	
B 5204 T4	120	163
EUV-AGR 01.1998->; Switch Valve; Electric	56034	
S70 (LS) 2.0	1997-00	
B 5202 S/B 5202 FS	93	126
EUV-AGR 01.1998->; Switch Valve; Electric	56034	
S70 (LS) 2.0	1997-00	
B 5204 F	105	143
EUV-AGR 01.1998->; Switch Valve; Electric	56034	
S70 (LS) 2.0	1997-00	
B 5204 T2	132	180
EUV-AGR Switch Valve; Electric	56034	
S70 (LS) 2.0 Turbo	1997-00	
B 5204 T	155	210
EUV-AGR Switch Valve; Electric	56034	
S70 (LS) 2.0 Turbo	1997-00	
B 5204 T3	166	226
EUV-AGR Switch Valve; Electric	56034	
S70 (LS) 2.3 T-5	1997-00	
B 5234 T3	176	239
EUV-AGR Switch Valve; Electric	56034	
S70 (LS) 2.4 T5 AWD	1996-99	
B 5254 T	142	193
EUV-AGR Switch Valve; Electric	56034	
S70 (LS) 2.4 Turbo	1997-00	
B 5254 T/B 5244 T	142	193
EUV-AGR B 5254 T; Switch Valve; Electric	56034	
S70 (LS) 2.5	1997-00	
B 5252 FS	106	144
EUV-AGR Switch Valve; Electric	56034	
S70 (LS) 2.5 Bifuel	1999-00	
B 5244 SG	103	140
EUV-AGR Switch Valve; Electric	56034	
S80 I (TS, XY) 2.4 D	2001-06	
D 5244 T2	96	131
DW-TL	56043	
S80 I (TS, XY) 2.4 D5	2001-06	
D 5244 T	120	163
DW-TL	56043	
S80 II (AS) 2.0 TDi	2008->	
D 4204 T	100	136
DW-TL	56019	
S80 II (AS) 2.4 D	2006->	
D 5244 T/D 5244 T5	120	163
DW-TL	56043	
S80 II (AS) D5	2006->	
D 5244 T4	136	185
DW-TL	56043	
S80 II (AS) D5 AWD	2007->	
D 5244 T4	136	185
DW-TL	56043	
V40 Wagon (VW) 1.6	1999-04	
B 4164 S2	80	109
EUV-AGR Switch Valve; Electric	56034	



VOLVO Cont.		
V40 Wagon (VW) 1.8		1995-99
B 4184 S3/B 4184 S	85	115
EUV-AGR B 4184 S; Switch Valve; Electric		56034
V40 Wagon (VW) 1.9 DI		2000-04
D 4192 T4	75	102
DW-AGR 01.2001->		56047
V40 Wagon (VW) 1.9 DI		2000-04
D 4192 T3	85	115
DW-AGR 01.2001		56047
V40 Wagon (VW) 1.9 T4		1997-00
B 4194 T/B 4194 T2	147	200
EUV-AGR 01.1998->; Switch Valve; Electric		56034
V40 Wagon (VW) 1.9 TD		1995-99
D 4192 T	66	90
Solenoid With cable		73015
V40 Wagon (VW) 2.0		1995-04
B 4204 S2/B 4204 S	100	136
EUV-AGR B 4204 S; Switch Valve; Electric		56034
V40 Wagon (VW) 2.0		1995-99
B 4204 S	103	140
EUV-AGR Switch Valve; Electric		56034
V40 Wagon (VW) 2.0 T		1997-00
B 4204 T	118	160
EUV-AGR Switch Valve; Electric		56034
V50 (MW) 2.0 D		2004-10
D 4204 T	100	136
DW-TL		56019
V70 I (LV) 2.0		1997-00
B 5204 T4	120	163
EUV-AGR 01.1998->; Switch Valve; Electric		56034
V70 I (LV) 2.0		1995-00
B 5202 S	93	126
EUV-AGR 01.1998->; Switch Valve; Electric		56034
V70 I (LV) 2.0		1995-00
B 5204 F	105	143
EUV-AGR 01.1998->; Switch Valve; Electric		56034
V70 I (LV) 2.0		1996-00
B 5204 T2	132	180
EUV-AGR Switch Valve; Electric		56034
V70 I (LV) 2.0 Turbo		1995-00
B 5204 T	155	211
EUV-AGR Switch Valve; Electric		56034
V70 I (LV) 2.0 Turbo		1996-00
B 5204 T3	166	226
EUV-AGR Switch Valve; Electric		56034
V70 I (LV) 2.0 Turbo AWD		1996-00
B 5204 T3	166	226
EUV-AGR Switch Valve; Electric		56034
V70 I (LV) 2.4		1995-00
B 5244 S/B 5254 S	125	170
EUV-AGR Switch Valve; Electric		56034
V70 I (LV) 2.4 Bifuel		1999-00
B 5244 SG	103	140
EUV-AGR Switch Valve; Electric		56034
V70 I (LV) 2.5		1995-00
B 5252 FS	106	144
EUV-AGR Switch Valve; Electric		56034
V70 II (SW) 2.4 D		2005-08
D 5244 T7	93	126
DW-TL		56043
V70 II (SW) 2.4 D5		2001-08
D 5244 T	120	163
DW-TL		56043
V70 II (SW) 2.4 T		1999-03
B 5244 T3	147	200
DW-TL B 5244 T3		56043
V70 II (SW) 2.4 T AWD		2001-02
B 5244 T3	147	200
DW-TL B 5244 T3		56043
V70 III (BW) 2.0 D		2007-15
D 4204 T	100	136
DW-TL		56019
XC90 I D5		2002-06
D 5244 T/D 5244 T5	120	163
DW-TL D 5244 T		56043



CROSS REFERENCES
CRUCE DE REFERENCIAS
TABLEAU DES EQUIVALENCES

ALFA ROMEO	FAE	BITRON Cont.	FAE	CHEVROLET	FAE	DELPHI Cont.	FAE	GENERAL MOTORS	FAE	
1400488980	55006	335.70078	56037	55573362	56013	7185-900G	73020	93854397	55007	
84818099	55011	335.72021	56038			7185-900H	73021	09110766	56024	
46768250	56004	335.70062	56039	CHRYSLER	FAE	9100-328D	73104	91167214	56024	
51884840	56004	335.70086	56041	51884840	56004			00074084	73012	
55228986	56004	335.70088	56042	00K04627212AB	56004	DENSO	FAE	9192925	73012	
55206832	56028	335.70095	56043	04627212AB	56004	A23900200	55011	91153912	73012	
9943882	73010	335.80020	56045			096 010-0500	73014			
9948032	73010	335.70093	56046	CITROËN	FAE	096 010-0690	73014	HYUNDAI	FAE	
9986316	73010	335.70096	56047	14.004.889.80	55006	096 030-0160	73014	35120-27000	56010	
		335.80021	56051	1628 TV	56018			35120-270	56013	
AUDI	FAE			1628 ZT	56018	FIAT	FAE	35120-27050	56027	
1K0 820 036 B	55001	BMW	FAE	96.417.266.80	56018	1400488980	55006	35120-2A900	56027	
1K0 820 036 C	55001	0 396 414	56032	96.450.291.80	56018	84818099	55011	39121-42020	73012	
1K0 820 036 D	55001	1 742 712	56032	96.500.983.80	56019	51884840	56004			
1K0 820 036 F	55001	11 74 0 396 414	56032	96.542.828.80	56019	55188059	56004	INFINITI	FAE	
7L0 819 076 C	55012	11 74 1 742 712	56032	96.542.869.80	56019	55203202	56004	14956 JD70A	56012	
1T0 820 036	55014	11 74 7 810 831	56032	1618 KC	56020	55228986	56004	14956 00QAA	56024	
1T0 820 036 A	55014	7 810 831	56032	1618 QH	56020	467682500	56004	14483 00QQA	56027	
1T0 820 036 C	55014	11 65 7 552 946	56042	1618 QQ	56020	K04627212AB	56004			
1T0 820 036 D	55014	11 65 7 566 781	56042	96.658.862.80	56020	9801887680	56020	ISUZU	FAE	
1H0 906 627 A	56005	11 65 7 595 373	56042	96.740.846.80	56020	55206832	56028	8-97218-331-0	56010	
1J0 906 627 B	56006	11 65 7 599 547	56042	96.740.916.80	56020	00552068320	56028	8-98105-656-0	56010	
1K0 906 627 A	56006	7 552 946	56042	98.018.876.80	56020	46524556	56036	8-98105-656-1	56010	
1J0 906 627	56008	7 566 781	56042	9652570180	56038	9661960380	56039	8972191550	56013	
1K0 906 627 D	56008	7 595 373	56042	9652997580	56038	9943882	73010	8981056570	56013	
8E0 906 627 C	56009	7 599 547	56042	1618 C9	56038	9948032	73010	8972882490	56033	
037 906 283 B	56033	13 51 1 288 530	73012	1618 JH	56038	9986316	73010	8972882491	56033	
1J0 906 627 A	56037	13 51 2 243 295	73012	9661960380	56039	79074016	73011			
1K0 906 627 E	56037			1618 X2	56039	8190393	73012	IVECO	FAE	
1H0 906 627	56047	BMW MOTO.	FAE	1680 85	73010	9936291	73012	504284406	56011	
028 130 135 B	73012	0 396 414	56032	79.011.680.41	73012	9946984	73012	5801259650	56011	
028 130 135 F	73012	1 742 712	56032	96.125.564.80	73013	9947997	73012	9986316	73010	
068 130 135	73012	11 74 0 396 414	56032			9948168	73012	42558878	73010	
710 124	73012	11 74 1 742 712	56032	CUMMINS	FAE	9948224	73012	8100253	73012	
068 130 135 B	73013	11 74 7 810 831	56032	3904630	73010	9950631	73012	8190393	73012	
2TA 130 135	73013	7 810 831	56032	3905125	73011	60807767	73012	9971792	73012	
		11 65 7 552 946	56042	3090357	73013	70745590	73012	9971835	73012	
		11 65 7 566 781	56042	3903576	73013	99408940	73012	9971877	73012	
		11 65 7 595 373	56042			99827570	73012	42533181	73012	
		11 65 7 599 547	56042	DACIA	FAE			0000008035246	73013	
		7 552 946	56042	149567097R	56012	FORD	FAE	8035246	73013	
		7 566 781	56042	149567825R	56012	1692787	55004	8100105	73013	
		7 595 373	56042	8200201099	56026	1820564	55004	00000042533183	73013	
		7 599 547	56042	8200625684	56026	BM5G-18495-DA	55004	79082108	73013	
				8200661049	56026	BM5G-18495-DC	55004	93017968	73013	
						BM5Z-18495-C	55004			
<th>BOSCH</th> <th>FAE</th> <td></td> <td></td> <td></td> <td></td> <td>BM5Z-18495-DB</td> <td>55004</td> <th>JOHN DEERE</th> <th>FAE</th>	BOSCH	FAE					BM5Z-18495-DB	55004	JOHN DEERE	FAE
0 330 001 015	73012			DAF	FAE	1692742	55008	RE-22744	73010	
0 330 001 018	73012			1325157	56047	BM5G-8C605-DA	55008	RE-54064	73010	
0 330 001 028	73012			CBU1334	73010	BM5G-8C605-DB	55008	RE-31856	73011	
0 330 001 029	73012			LBV5366	73010	BM5G-8C605-DC	55008			
0 330 001 030	73012			CBU1416	73011	1541400	56004	KIA	FAE	
0 330 001 040	73012			CBU1418	73011	1562514	56004	35120-27050	56027	
0 330 001 041	73012			CBU1908	73013	9S51-8A080-AA	56004	35120-2A900	56027	
0 330 001 042	73012			BBU3948	73018	9S51-9E882-AA	56004			
3 337 213 001	73012			BBU2930	73019	1031090	56005	LANCIA	FAE	
F 002 D11 347	73012					95VW-12B573-CB	56005	1400488980	55006	
F 002 D13 640	73012			DELPHI	FAE	1148062	56018	84818099	55011	
F 002 D13 642	73012			SL10050-12B1	56004	1231919	56018	51884840	56004	
0 330 001 016	73013			SL10044-12B1	56005	2S61-9S468-AD	56018	55228986	56004	
0 330 001 047	73013			SL10053-12B1	56010	3M5Q-9E882-BA	56018	467 68 250	56004	
3 337 213 003	73013			SL10052-12B1	56013	1449602	56019	55206832	56028	
F 002 D13 641	73013			SL10062-12B1	56013	3M5Q-9E882-BB	56019	9661960380	56039	
				BG3415	56032	6G9Q-9E882-CA	56019	9943882	73010	
<th>CASE IH</th> <th>FAE</th> <td></td> <td></td> <td>LP695</td> <td>56032</td> <td>1313848</td> <td>56038</td> <td>9948032</td> <td>73010</td>	CASE IH	FAE			LP695	56032	1313848	56038	9948032	73010
J904630	73010			SL10063-12B1	56033	3M5Q-9E882-CC	56038	9986316	73010	
2852741	73012			SL10045-12B1	56047	1003802	56047			
8190393	73012			7185-900W	73010	95 VW12B573 CA	56047	LAND ROVER	FAE	
9971792	73012			7180-049	73011	6132416	73010	YDJ100000	56032	
A77753	73012			7185-900K	73011	6161822	73010	18BAU4611L	73010	
79082108	73013			7240-112	73012	844F-9D274-AA	73010	BAU4611L	73010	
99478110	73013			7240-5	73012	844F-9D278-AA	73010			
				7240-124	73013	E8NN-9D278-AA	73010	LOMBARDINI	FAE	
<th>CATERPILLAR</th> <th>FAE</th> <td></td> <td></td> <td>7240-224</td> <td>73013</td> <td>1575412</td> <td>73012</td> <td>97001298</td> <td>56004</td>	CATERPILLAR	FAE			7240-224	73013	1575412	73012	97001298	56004
7W6249	73018			7240-6	73013	6177139	73012			
				9109-258	73015	765F-9D278-AA	73012			
				9109-262	73015	86FF-9D278-AA	73012			
				7185-900T	73018					
				7185-900P	73019					

MAN	FAE	OPEL Cont.	FAE	PEUGEOT Cont.	FAE	PIERBURG Cont.	FAE	RENAULT Cont.	FAE
51.11613.0017	73012	55573362	56013	1680.96	73012	7.22393.00.0	56033	50 01 855 545	73013
81.25902.0214	73013	55575611	56013	1680.53	73013	7.22448.00.0	56033	77 01 042 753	73015
81.25902.0467	73013	55579900	56013	1680.56	73013	7.22448.03.0	56033		
81.25902.6065	73013	97219155	56013			7.22240.09.0	56034		
		98105657	56013			7.02256.19.0	56035		
M. FERGUSON	FAE	4402766	56024	PEUGEOT MOTO.	FAE	7.02256.03.0	56036	RENAULT TRUCKS	FAE
28480007	73010	4414112	56024	1628 ZT	56018	7.02184.01.0	56037	54 30 020 438	73018
74084	73012	09110766	56024	1618 42	56019	7.22903.04.0	56037	50 00 815 650	73019
28480008	73018	91167214	56024	9652570180	56038	7.22903.25.0	56037	54 30 023 662	73019
28730179	73018	4418507	56027	9652997580	56038	7.00712.00.0	56038		
1896464 M1	73018	4431859	56027	1618 C9	56038	7.00968.01.0	56038	ROVER	FAE
		93161882	56027	1618 JH	56038	7.00968.04.0	56038	BAU 4611	73010
		93857976	56027	1618 X2	56039	7.01633.04.0	56039	CBU 1334	73010
MERCEDES-BENZ	FAE	25183381	56029			7.00782.03.0	56041	LBU 1911	73010
004 153 93 28	56031	48 01 997	56029	PIERBURG	FAE	7.00782.12.0	56041	LBU 5366	73010
005 153 55 28	56031	860489	56033	7.02256.40.0	55001	7.01299.00.0	56042	AEU 3031	73012
006 153 66 28	56031	97288249	56033	7.02256.42.0	55012	7.01777.02.0	56042	RTC 6702	73012
A 004 153 93 28	56031	4402714	56035	7.02256.41.0	55014	7.01777.10.0	56042	STC 3254	73012
A 005 153 55 28	56031	4433986	56035	7.00483.00.0	56004	7.01421.01.0	56043	STC 3315	73013
A 006 153 66 28	56031	09110714	56035	7.00519.01.0	56004	7.02197.00.0	56043		
007 153 14 28	56041	93198237	56035	7.00607.02.0	56004	7.03652.01.0	56043	SAAB	FAE
009 153 31 28	56041	55354529	56043	7.03003.01.0	56004	7.03653.01.0	56043	55 573 362	56013
A 007 153 14 28	56041	55563532	56043	7.21903.11.0	56004	7.21903.63.0	56043	90530039	56045
A 009 153 31 28	56041	55565584	56043	7.21903.48.0	56004	7.22138.00.0	56045	90542357	56045
		55573801	56043	7.21903.05.0	56005	7.22138.50.0	56045		
MINI	FAE	58 51 609	56043	7.21903.15.0	56005	7.00580.01.0	56046	SEAT	FAE
11 65 7 552 946	56042	8 51 026	56043	7.21903.25.0	56005	7.22903.03.0	56046	1K0 820 036 D	55001
11 65 7 566 781	56042	8 51 081	56043	7.21903.75.0	56005	7.22903.27.0	56046	1K0 820 036 F	55001
11 65 7 595 373	56042	8 51 277	56043	7.00868.00.0	56006	7.21903.20.0	56047	1T0820036	55014
11 65 7 599 547	56042	90530039	56045	7.00868.02.0	56006	7.21903.43.0	56047	1T0820036A	55014
7 552 946	56042	90542357	56045	7.22903.02.0	56006	7.21903.44.0	56047	1T0820036C	55014
7 556 781	56042	58 51 010	56045	7.22903.45.0	56006	7.21903.70.0	56047	1T0820036D	55014
7 595 373	56042	58 51 019	56045	7.02183.01.0	56008	7.22280.02.0	56051	1H0 906 627 A	56005
7 599 547	56042	819176	73012	7.22903.01.0	56008			1J0 906 627 B	56006
		9192925	73012	7.22903.20.0	56008			1K0 906 627 A	56006
MITSUBISHI	FAE	91153912	73012	7.22903.19.0	56009			1J0 906 627 D	56008
SPE00010	73018			7.22903.28.0	56009			1K0 906 283 B	56033
				7.03085.02.0	56010	PORSCHE	FAE	1J0 906 627 A	56037
MWM-DIESEL	FAE			7.21903.10.0	56010	955 572 151 00	55012	1K0 906 627 E	56037
6 0452 74 0 0141	73012	PERKINS	FAE	7.21903.38.0	56010	955 572 151 01	55012	1H0 906 627	56047
1 1248 29 7 0986	73013	28480007	73010	7.02256.17.0	56012	955 572 824 00	55012	9936291	73012
		26420310	73012	7.00527.01.0	56013	955 572 824 01	55012	028 130 135 B	73012
		26420518	73012	7.00527.03.0	56013	955 572 824 02	55012	028 130 135 F	73012
NEW HOLLAND	FAE	26439013	73012	7.01420.01.0	56013	955 572 824 04	55012		
9986316	73010	330001042	73012	7.01420.02.0	56013	95557282403	55014	SIDAT	FAE
83981012	73010	26439029	73013	7.02815.00.0	56013	95557282405	55014	83.879	55001
79074016	73011	26420472	73018	7.03088.01.0	56013	7PP 906 270	56051	83.884	55004
		28730179	73018	7.04423.01.0	56013	996 605 123 01	56051	83.883	55006
NISSAN	FAE	26420471	73019	7.21903.12.0	56013			83.881	55007
14956-00Q0C	56012	26431675	73019	7.21903.39.0	56013	PUCH	FAE	83.885	55008
14956-00Q0G	56012	26420469	73020	7.00964.03.0	56018	716 1 09 023 2	73013	83.878	55011
14956-00Q0H	56012	26420470	73021	7.28328.00.0	56018			83.880	55014
14956-00Q1K	56012			7.28328.05.0	56018	RENAULT	FAE	83.660	56004
14956-00QAL	56012	PEUGEOT	FAE	7.00612.01.0	56019	21 23 095 71R	55005	83.749	56004
14956-BC400	56012	14 004 889 80	55006	7.00966.02.0	56019	82 00 414 156	55007	83.889	56004
14956-BC41A	56012	1628.TV	56018	7.01771.01.0	56019	77 00 377 175	56005	83.956	56004
14956-JD70A	56012	1628.ZT	56018	7.28328.04.0	56019	14 95 670 97R	56012	83.751	56005
82006-25684	56012	96 417 266 80	56018	7.28328.07.0	56019	14 95 678 25R	56012	83.752	56006
14956-00QAA	56024	96 450 219 80	56018	7.02256.04.0	56024	96 50 098 380	56019	83.759	56008
14956-BC40A	56026	1618.42	56019	7.02256.15.0	56025	77 00 109 099	56024	83.761	56009
14483-00Q0A	56027	96 500 983 80	56019	7.02256.21.0	56026	77 00 113 071	56024	83.771	56009
16870-9C600	73012	96 542 828 80	56019	7.00272.01.0	56027	82 00 575 400	56025	83.661	56010
16870-9C601	73012	96 542 869 80	56019	7.00272.03.0	56027	82 00 201 099	56026	81.299	56011
03903-5370	73013	1618.KC	56020	7.01152.02.0	56027	82 00 625 684	56026	83.871	56012
		1618.QH	56020	7.04779.00.0	56027	82 00 661 049	56026	83.872	56012
OPEL	FAE	1618.QQ	56020	7.28417.00.0	56027	82 00 120 126	56027	81.286	56013
4416949	55007	96 658 862 80	56020	7.28417.01.0	56027	82 00 162 073	56027	83.779	56013
860146	56010	96 740 846 80	56020	7.28417.02.0	56027	82 00 247 248	56027	83.804	56013
5851039	56010	96 740 916 80	56020	7.28417.04.0	56027	82 00 270 451	56027	83.760	56018
97218331	56010	98 018 876 80	56020	7.02256.20.0	56028	82 00 412 085	56027	83.763	56019
98105656	56010	1618.C9	56038	7.02256.16.0	56029	82 00 486 264	56027	83.772	56019
851017	56013	1618.JH	56038	7.00262.02.0	56031	77 00 100 788	56035	83.901	56019
851042	56013	96 525 701 80	56038	7.00782.00.0	56031	82 00 762 597	56035	83.866	56020
851057	56013	96 529 975 80	56038	7.00782.04.0	56031	60 05 028 062	73010	83.867	56020
860411	56013	1618.X2	56039	7.02318.01.0	56032	77 01 030 222	73010	83.764	56024
860485	56013	96 619 603 80	56039	7.22341.00.0	56032	50 01 846 667	73012	83.767	56025
5851073	56013	1680.85	73010	7.22341.08.0	56032	77 01 024 772	73012	83.806	56026
5851600	56013	1680.41	73012	7.01153.00.0	56033	77 01 041 143	73012	83.899	56027
55558101	56013	1680.60	73012	7.02461.01.0	56033	77 01 045 323	73012	83.947	56027
55563534	56013	1680.95	73012			50 00 809 935	73013		

SIDAT Cont.	FAE	VW Cont.	FAE						
83.957	56027	7L0 820 989	55012						
83.874	56028	1T0 820 036	55014						
83.869	56029	1T0 820 036 A	55014						
83.775	56031	1T0 820 036 C	55014						
83.785	56031	1T0 820 036 D	55014						
83.844	56032	1H0 906 627 A	56005						
83.962	56032	1J0 906 627 B	56006						
83.774	56033	1K0 906 627 A	56006						
83.807	56034	1J0 906 627	56008						
83.852	56034	1K0 906 627 D	56008						
83.873	56035	8E0 906 627 A	56009						
83.754	56036	8E0 906 627 C	56009						
83.762	56037	037 906 283 B	56033						
83.769	56038	1J0 906 627 A	56037						
83.900	56039	1K0 906 627 E	56037						
81.285	56041	1J0 906 627 C	56046						
83.1024	56042	1K0 906 627	56046						
81.291	56043	1H0 906 627	56047						
81.302	56043	028 130 135 B	73012						
83.843	56045	028 130 135 F	73012						
83.842	56046	068 130 135	73012						
81.289	56047	710 124	73012						
83.750	56047	068 130 135 B	73013						
81.001	73010								
81.209	73011	VOLVO	FAE						
81.002	73012	2TA 130 135	73013						
81.202	73013	31216025	56019						
81.009	73015	3065076-9	56019						
81.201	73019	9155936	56034						
		30711101	56038						
SKODA	FAE	30637251	56043						
1K0 820 036 B	55001	618057	56047						
1K0 820 036 C	55001	30618057	56047						
1K0 820 036 D	55001	14215610	73011						
1K0 820 036 F	55001	1257676	73012						
1T0820036	55014	244968	73013						
1T0820036A	55014	2285549	73013						
1T0820036C	55014	7240-224	73013						
1T0820036D	55014								
1H0 906 627 A	56005	VOLVO TRUCKS	FAE						
1K0 906 627 A	56006	244968	73013						
1J0 906 627	56008	2285549	73013						
1K0 906 627 D	56008								
037 906 283 B	56033								
1J0 906 627 A	56037								
1K0 906 627 E	56037								
1H0 906 627	56047								
TALBOT	FAE								
27088700	73018								
5430020438	73018								
VALEO	FAE								
700106	56004								
851081	56043								
VM MOTORI S.P.A.	FAE								
43002025F	56004								
45020047A	73013								
VOLKSWAGEN	FAE								
1K0 820 036	55001								
1K0 820 036 B	55001								
1K0 820 036 C	55001								
1K0 820 036 D	55001								
1K0 820 036 F	55001								
1K1 820 035 C	55001								
1K1 820 035 D	55001								
1K1 820 035 E	55001								
7L0 819 076	55012								
7L0 819 076 A	55012								
7L0 819 076 B	55012								
7L0 819 076 C	55012								
7L0 819 076 E	55012								

Manufacturer's names and original references are only quoted to ease the search of our parts.

Los nombres y referencias de los fabricantes sirven únicamente para ayudar a encontrar más rápidamente nuestros productos.

Les noms et les références des fabricants me servent qui à aider à trouver nos produits plus rapidement.

[illegible]



Lined area for notes, containing horizontal blue lines.

[illegible]

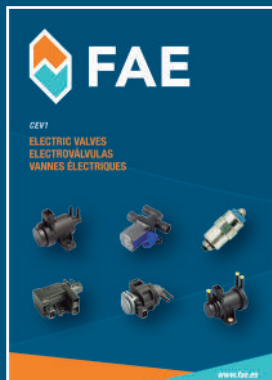
[illegible]



TOGETHER SINCE 1952



La tirada de este catálogo ha sido de 2.500 ejemplares.



CEV1



CE2



COX5



CABS2



CGM2



CI2



CT2



CBP5



eCatalog



ISO 9001



ISO 14001



ISO/TS 16949

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