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Camshaft, Kits and Components
Nockenwellen, Reparatur-Sätze
und Komponenten

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Arbres à cames, kits et composants
Árboles de Levas, Kits y Componentes
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**Certificate for the use of Federal-Mogul products
in the European Aftermarket according to
MV BER EC 461/ 2010 and respective Guidelines**

We hereby confirm, that the Federal-Mogul products using the brand names AE[®], ABEX[®], BERAL[®], CHAMPION[®], DURON[®], FERODO[®], FP DIESEL[®], GLYCO[®], GOETZE[®], MOOG[®], NECTO[®], NÜRAL[®], PAYEN[®], WAGNER[™] sold in the European Aftermarket fulfil the quality requirements applicable to the use of spare parts for repair or maintenance of motor vehicles by authorised repairers.

Date: 16/06/2010



Martin Hendricks
Vice President EMEA
Global Aftermarket
Federal-Mogul Corporation























MANUFACTURERS LIST

Alfa	1
Audi	2
Austin	9
Bedford	11
BMW	12
Citroën	14
Dacia	22
Daewoo	23
Fiat	24
Ford	30
Honda	38
Hyundai	39
Iveco	40
Lada	41
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Mercedes-Benz	44

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Suzuki	87
Talbot	88
Toyota	89
Vauxhall	90
Volvo	98
VW	100



HOW TO USE THIS CATALOGUE

											CITROËN
cc											
Saxo											
1.1	TU1M (HDZ)	4	40/54	SOHC	96→03	CAM733			FOL160 (x8)		
1.4	KFW/TU3JP	4	55/75	SOHC	96→03	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→ CAM461			FOL160 (x8)		
1.5 Diesel	TUD5 (VJV)/TUD5 (VJZ)	4	42/57	SOHC	96→03					FOL126 (x8)	Mechanical
Synergie											
1.9 Diesel	XUD9BTF (DHX)/XUD9TF (D8B)	4	66/90	SOHC	94→02	CAM373 CAM354	CKS2373 CKS2354		FOL73 (x8)		Camshaft driven vacuum pump. Mechanical Pulley driven vacuum pump.
2.0 Diesel	DW10ATED (RHZ)	4	80/109	SOHC	99→02	CAM679			FOL163 (x8)	FOL154 (x8)	
2.0 Diesel	DW10ATED4 (RHW)	4	80/109	SOHC	99→02	CAM748 CAM749				FOL115 (x16)	
2.1 Diesel	XUD11BTE (P8C)	4	81/110	SOHC	96→02	CAM674			FOL116 (x12)	FOL109 (x12)	
Visa											
1.1	XW7 (109/5)	4	37/50	SOHC	78→91	CAM540	CKS7540		FOL2 (x8)		
	XW7 (109/5F)		33-37/ 45-50	SOHC							
	XW7 (109/5)		37/50	SOHC							

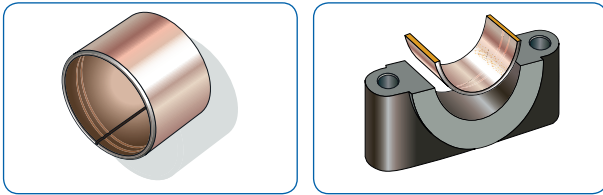
- 1 Vehicle Model
- 2 Engine Information
- 3 Number of Cylinders and Bore size respectively
- 4 Engine Power
- 5 Application years
- 6 AE Camshaft reference
- 7 AE Camkit reference, for kit contents chart see index at the back
- 8 AE Cam Follower reference
- 9 AE Cam Lifter / Tappet & AE Thrust Pad references respectively
- 10 Required engine quantity
- 11 Miscellaneous Information as necessary
- 12 New Parts (highlighted in blue)
- 13 Diesel engines

Panel Sequence:

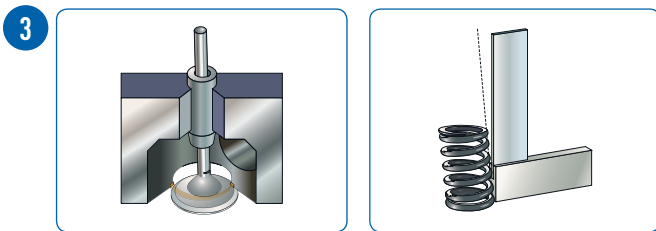
Model & then ascending engines capacity order within a vehicle manufacturer, unless logically listed in 'family' group.

In order to ensure maximum life from a new replacement AE camshaft and components, it is important that the following fitting procedures are carried out:

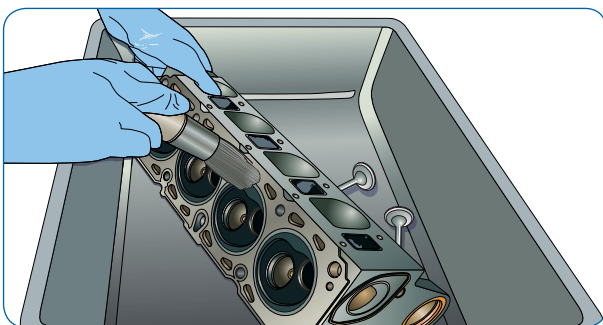
- 1 Check that the new camshaft is the same as the old camshaft, particularly with regards to the oil drillings.
- 2 Check that the camshaft bushes are not excessively worn or damaged.



Check that the valves, valve seats, guides, springs and valve stem seals are serviceable. Timing gears and timing chains should be examined for wear. Replacement or machining should be carried out as necessary. Timing belts should always be replaced when fitting a new camshaft.



- 3
- 4 **On the NEW camshaft check that the oil ways are CLEAN and UNBLOCKED.** Thoroughly clean any preservative from all contact surfaces, taking care not to damage the bushes or contact faces.



Having completed the above checks, reassemble paying particular attention to the following:

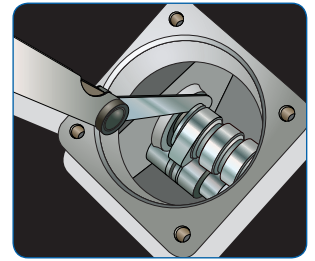
- 5 New camshaft followers/ tappets **MUST** be fitted. This is very important to avoid premature camshaft failure. Warranties will be invalid if this operation is not carried out.



- 6 **Thoroughly lubricate all cam bushes and camshaft lobes with pre-lube or good quality engine oil.**



- 7 The camshaft end float should be checked and adjusted according to the engine manufacturer's workshop manual.



- 8 **Use new Payen gaskets, seals and head bolts.**



















- 9 Replace engine oil and fit new CHAMPION oil filter.



- 10 Finally, where applicable, the tappets should be checked and correctly adjusted. This operation should be repeated after around 800 km (500 miles) service.

It is not possible to produce universal fitting instructions for all camshafts. Therefore the above notes must be read in conjunction with the engine manufacturer's workshop manual. Adherence to these guidelines, plus regular servicing, will ensure a long trouble-free life from a new replacement camshaft and components.

									CITROËN	
cc			kw/PS							
Saxo										
1.1	TU1M (HDZ)	4	40/54	SOHC	96→03	CAM733			FOL160 (x8)	
1.4	KFW/TU3JP	4	55/75	SOHC	96→03	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→ CAM461			FOL160 (x8)	
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Synergie										
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2.0 Diesel	DW10ATED4 (RHW)	4	80/109	SOHC	99→02	CAM748 CAM749				FOL115 (x16)
2.1 Diesel	XUD11BTE (P8C)	4	81/110	SOHC	96→02	CAM674			FOL116 (x12)	FOL109 (x12)
Visa										
1.1	XW7 (109/5)	4	37/50	SOHC	78→91	CAM540	CKS7540		FOL2 (x8)	
	XW7 (109/5F)		33-37/ 45-50	SOHC						
	XW7 (109/2)		25/27	SOHC						

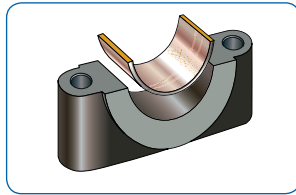
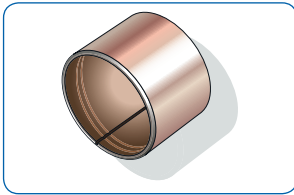
- 1 Modell
- 2 Motordaten bzw. -bezeichnung
- 3 Anzahl Zylinder, Bohrung in mm
- 4 Motorleistung
- 5 Baujahr
- 6 AE Nockenwellen Artikel-Nr.
- 7 AE Nockenwellen-Satz Artikel-Nr., für den Satzinhalt bitte den Index am Ende des Kataloges beachten
- 8 AE Schleppebel Artikel-Nr.
- 9 AE Stößel, Mitnehmer bzw. Hydrostößel
- 10 Benötigte Anzahl pro Motor
- 11 Zusatzinformation
- 12 Neue Artikel-Nr. (in blau hervorgehoben)
- 13 Dieselmotoren

Tabellen Aufbau:

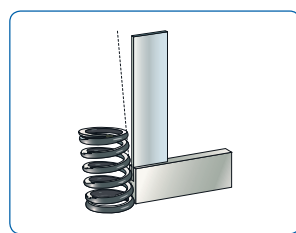
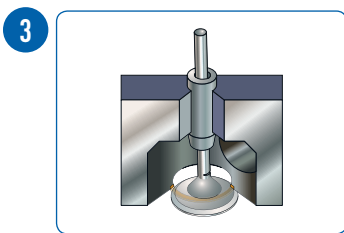
Modell, in Reihenfolge nach zunehmenden Hubraum eines Herstellers geordnet, soweit nicht eine Auflistung einer Motorenfamilie sinnvoller ist.

Damit eine maximale Haltbarkeit der neuen Nockenwelle erreicht werden kann, bitte beim Einbau folgendes beachten:

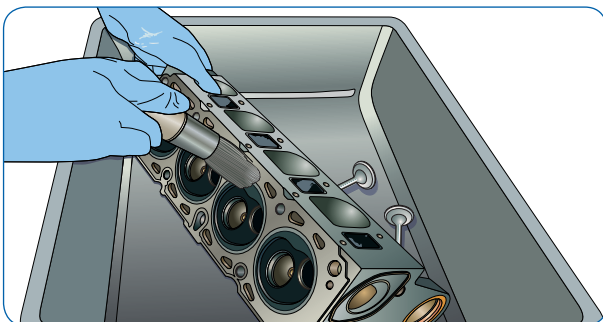
- 1 Prüfen, ob die neue Nockenwelle mit der alten übereinstimmt, insbesondere hinsichtlich der Öllbohrungen.
- 2 Prüfen, ob die Nockenwellenlager nicht stark abgenutzt oder beschädigt sind.



Prüfen, ob die Ventile, Ventilsitze, Führungen, Federn und Schaftabdichtungen in einwandfreiem Zustand sind. Steuerräder und Steuerketten sollten ebenfalls auf Abnutzung geprüft werden. Bei Bedarf entsprechende Nacharbeiten durchführen. Steuerriemen sollten beim Einbau einer neuen Nockenwelle immer ersetzt werden.



- 4 Überprüfen Sie an einer neuen Nockenwelle stets, ob die Ölkanäle SAUBER und DURCHGÄNGIG sind. Alle Kontaktflächen sorgfältig reinigen und darauf achten, dass die Lager und Kontaktflächen nicht beschädigt werden.

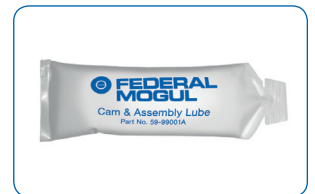


Nach diesen Prüfungen muss der Zusammenbau unter genauer Beachtung folgender Punkte stattfinden:

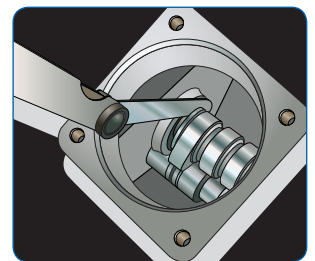
- 5 Neue Schlepphebel/ Stößel müssen eingebaut werden. Dies ist besonders wichtig, um einen vorzeitigen Ausfall der Nockenwelle vorzubeugen. Garantieleistungen sind ausgeschlossen wenn diese Arbeiten nicht durchgeführt werden.



- 6 Schmier Sie sorgfältig alle Nockenwellenlager und Nocken mit 'PreLube' oder einem anderen Qualitätsöl.



- 7 Das Spiel am Nockenwellende sollte geprüft und nach den Angaben des Motorenherstellers justiert werden.



- 8 Verwenden Sie neue Payen - Dichtungen und Wellendichtringe.














- 9 Füllen Sie neues Möröl ein und verwenden Sie einen CHAMPION - Ölfilter.



- 10 Anschließend muss das Ventilspiel geprüft und justiert werden. Achtung: Bei der Verwendung von Hydrostößeln unbedingt darauf achten, dass diese entsprechend der Herstellerhinweise mit Öl befüllt sind.

Die hier aufgeführten Punkte sollen im Zusammenhang mit den Anweisungen des Motorenherstellers verstanden werden. Eine Befolgung dieser Richtlinien plus einer regelmäßigen Wartung sorgt für eine lange und problemlose Haltbarkeit der Nockenwelle.

											CITROËN
cc		Ø	kW/PS	!	1	2	KIT	3	4	5	6
Saxo											
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2.1 Diesel	XUD11BTE (P8C)	4	81/110	SOHC	96→02	CAM674			FOL116 (x12)	FOL109 (x12)	
Visa											
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	XW7 (109/5F)		33-37/45-50	SOHC							
	XW7 (109/5)		37/50	SOHC							

- | | |
|--|--|
| 1 Modello | 8 AE codice rullo punteria |
| 2 Dati motore | 9 AE alzata camma / punteria & AE cuscinetto spinta |
| 3 Numero di cilindri e alesaggio | 10 Quantità per motore |
| 4 Cilindrata | 11 Informazioni varie |
| 5 Anno | 12 Nuovi inserimenti (evidenziati in blue) |
| 6 Riferimento a AE Camshaft | 13 Motori Diesel |
| 7 Riferimento Kit AE, per il contenuto consultare la tabella in fondo al catalogo | |

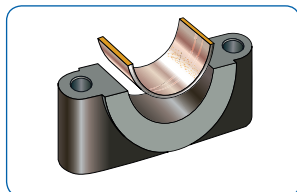
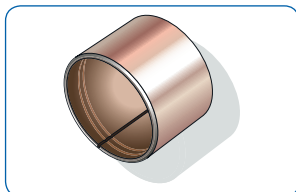
Sequenza pannello:

Modello poi crescendete per cilindrata motor all'interno del costruttore, in alternativa per famiglia.

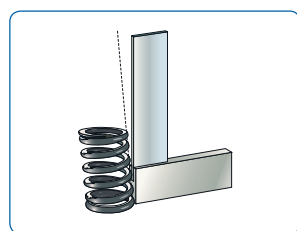
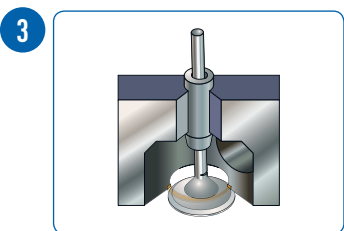
Al fine di garantire la durata massima dell'albero a camme di ricambio, è importante seguire attentamente le istruzioni di montaggio riportate qui di seguito:

1 Controllare che il nuovo albero a camme sia identico al vecchio, in particolare per quanto riguarda i fori per il passaggio dell'olio.

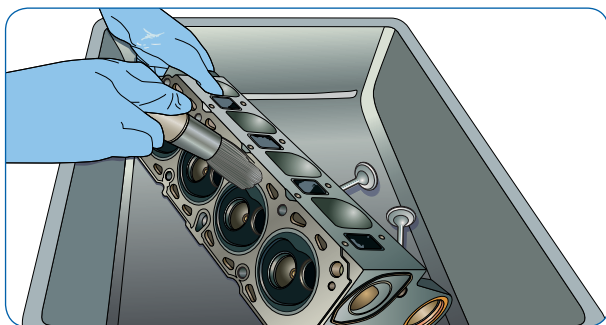
2 Controllare che le bronzine dell'albero a camme non siano troppo consumate o danneggiate.



Controllare che le valvole, le sedi delle valvole, le guide, le molle e le guarnizioni degli steli delle valvole siano in buone condizioni. Verificare che gli ingranaggi della distribuzione e le catene della distribuzione non presentino segni di usura. Provvedere eventualmente alla sostituzione o alla rettifica. Quando si provvede al montaggio di un nuovo albero a camme, sostituire sempre le cinghie di distribuzione.



4 Sul nuovo albero a camme controllare che i canali olio siano **PULITI e NON BLOCCATI**. Togliere gli eventuali preservanti dalle superfici di contatto, facendo attenzione di non danneggiare le bronzine o le superfici di contatto



Una volta effettuati i controlli suindicati, provvedere al rimontaggio, verificando che:

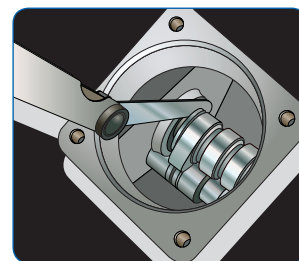
5 La punteria sia stata sostituita. Questo punto è particolarmente importante onde evitare dell'albero a camme. L'inservanza di questo punto comporta l'annullamento delle garanzie.



6 Lubrificare bene le bronzine delle camme e i lobi dell'albero a camme con pre lubrificante AE od olio per motore di buona qualità.



7 Controllare e regolare il gioco assiale dell'albero a camme osservando le istruzioni riportate nel manuale di manutenzione del fabbricante del motore.



8 Usare nuove guarnizioni e sistemi di tenuta.



9 Riempire il carter con olio fresco e sostituire il filtro dell'olio.













10 Controllare e regolare opportunamente la punteria ogni 800 chilometri.

Non è possibile fornire istruzioni universali per tutti gli alberi a camme. Le istruzioni di cui sopra devono essere osservate unitamente a quelle riportate sul manuale di manutenzione del fabbricante del motore. L'osservanza delle istruzioni e la manutenzione frequente garantiscono la lunga durata e il corretto funzionamento del nuovo albero a camme.



COMMENT UTILISER CE CATALOGUE

		3	4	5	6	7	8	9	CITROËN	
cc			kw/PS							
1		2								11
Saxo										
1.1	TU1M (HDZ)	4	40/54	SOHC	96→03	CAM733			FOL160 (x8)	
		72.00							10	
1.4	KFW/TU3JP	4	55/75	SOHC	96→03	CAM733			FOL160 (x8)	
		75.00				Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→ CAM461			10	
1.5 Diesel	TUD5 (VJY)/TUD5 (VJZ)	4	42/57	SOHC	96→03					
		77.00							FOL126 (x8)	Mechanical
Synergie										
1.9 Diesel	XUD9BTF (DHX)/XUD9TF (D8B)	4	66/90	SOHC	94→02	CAM373	CKS2373			
		83.00				CAM354	CKS2354		FOL73 (x8)	Camshaft driven vacuum pump. Mechanical Pulley driven vacuum pump.
2.0 Diesel	DW10ATED (RHZ)	4	80/109	SOHC	99→02	CAM679		FOL163 (x8)	FOL154 (x8)	
		85.00								
2.0 Diesel	DW10ATED4 (RHW)	4	80/109	SOHC	99→02	CAM748			FOL115 (x16)	
		85.00				CAM749				
2.1 Diesel	XUD11BTE (P8C)	4	81/110	SOHC	96→02	CAM674		FOL116 (x12)	FOL109 (x12)	
		85.00								
Visa										
1.1	XW7 (109/5)	4	37/50	SOHC	78→91	CAM540	CKS7540	FOL2 (x8)		
		72.00								
	XW7 (109/5F)		33-37/	SOHC						
			45-50							
	XW7 (109/5)		35-47	SOHC						

- 1 Modèle de véhicule
- 2 Informations moteur
- 3 Nombre de cylindres et alésage (respectivement)
- 4 Puissance moteur
- 5 Années d'application
- 6 Référence arbre à cames AE
- 7 Référence kit arbre à cames AE (voir contenu des kits dans l'index figurant au dos)
- 8 Référence de poussoirs d'arbres à cames AE
- 9 Références de poussoirs hydrauliques AE et patins de butée AE (respectivement)
- 10 Quantité requise selon moteur
- 11 Renseignements divers (le cas échéant)
- 12 Nouvelles références (signalées en bleu)
- 13 Moteurs Diesel

Ordre du panel :

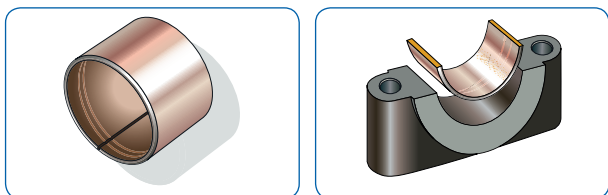
Classement par modèle puis par ordre croissant de cylindrée moteur pour chaque constructeur (hormis les cas logiques de classement par groupes de « familles »).

CONSIGNES DE MONTAGE PIÈCES DE MOTEUR D'ARBRE A CAMES

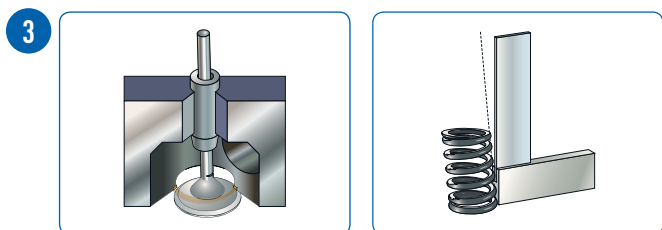
Afin d'assurer une durée de vie maximale au moteur à partir d'un nouvel arbre à cames, il est important d'appliquer les méthodes de montage suivantes:

- 1 Vérifier que le nouvel arbre à cames est identique à l'ancien arbre à cames, en particulier, en ce qui concerne les passages d'huile.

- 2 S'assurer que les coussinets de l'arbre à cames ne sont pas usés ou endommagés de façon excessive.

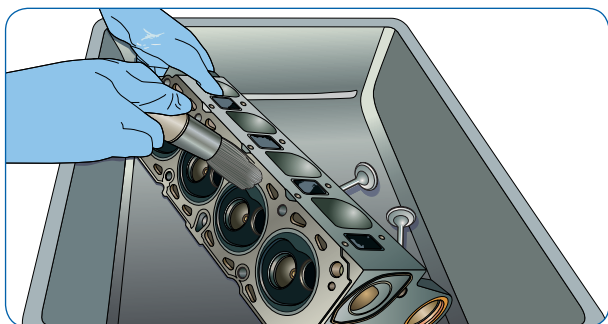


Vérifier que les soupapes, sièges de soupape, les guides, les ressorts et les joints d'étanchéité des tiges de soupape sont en bon état. Les engrenages de distribution et les chaînes de distribution doivent être examinés afin de déceler toute usure. Leur remplacement ou leur usinage doivent être effectués selon les besoins. Les courroies de synchronisation doivent toujours être remplacées lors du montage d'un nouvel arbre à cames.



- 4 Sur le nouvel arbre à came, vérifiez que les passages d'huile sont propres et non obstrués.

Enlever complètement tout agent préservant de toutes les surfaces de contact, en prenant soin de ne pas endommager les coussinets ou les faces de contact.



Après avoir achevé les vérifications ci-dessus, remonter l'ensemble en prêtant une attention particulière aux points suivants:

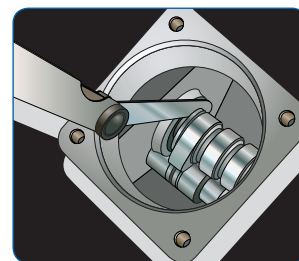
- 5 De nouveaux galets de came/poussoirs à tige doivent être montés. Cela est très important afin d'éviter une usure prématurée de l'arbre à cames. Les réclamations seront invalidées si cette opération n'est pas effectuée.



- 6 Graisser à fond tous les coussinets de came et les lobes de l'arbre à cames avec du pre-lube AE ou une huile moteur de bonne qualité.



- 7 Le jeu axial de l'arbre à cames doit être vérifié et réglé conformément au manuel d'atelier du fabricant de moteur.



- 8 Utiliser de nouveaux joints d'étanchéité Payen.



- 9 Remplir le carter avec une nouvelle huile et monter un nouveau filtre à huile CHAMPION.















- 10 Finalement, les poussoirs à tige doivent être vérifiés et réglés correctement. Cette opération doit être recommencée après un parcours de 800 kms.

Il n'est pas possible d'établir des consignes universelles de montage pour tous les arbres à cames. Les consignes ci-dessus doivent être lues parallèlement avec le manuel d'atelier du fabricant de moteur. L'observation de ces directives, plus un entretien courant régulier, devront assurer au moteur une longue durée de vie sans problèmes à partir d'un nouvel arbre à cames de remplacement.



CÓMO UTILIZAR ESTE CATÁLOGO

											
cc		Ø	kW/PS	!	1	2	KIT	3	4	5	6
Saxo											
1.1	TU1M (HDZ)	4	40/54	SOHC	96→03	CAM733					FOL160 (x8)
1.4	KFW/TU3JP	4	55/75	SOHC	96→03	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→ CAM461					FOL160 (x8)
1.5 Diesel	TUD5 (VJY)/TUD5 (VJZ)	4	42/57	SOHC	96→03						FOL126 (x8) Mechanical
Synergie											
1.9 Diesel	XUD9BTF (DHX)/XUD9TF (D8B)	4	66/90	SOHC	94→02	CAM373 CAM354	CKS2373 CKS2354				FOL73 (x8) Camshaft driven vacuum pump. Mechanical Pulley driven vacuum pump.
2.0 Diesel	DW10ATED (RHZ)	4	80/109	SOHC	99→02	CAM679					FOL163 (x8) FOL154 (x8)
2.0 Diesel	DW10ATED4 (RHW)	4	80/109	SOHC	99→02	CAM748 CAM749					FOL115 (x16)
2.1 Diesel	XUD11BTE (P8C)	4	81/110	SOHC	96→02	CAM674					FOL116 (x12) FOL109 (x12)
Visa											
1.1	XW7 (109/5)	4	37/50	SOHC	78→91	CAM540	CKS7540				FOL2 (x8)
	XW7 (109/5F)		33-37/45-50	SOHC							

- 1 Modelo del vehículo
- 2 Información del motor
- 3 Número de cilindros y Diámetro de Pistón respectivamente.
- 4 Potencia del motor
- 5 Año
- 6 Referencia Árbol de Levas AE
- 7 Referencia Kit AE (Ver contenido del kit en el índice en la parte posterior)
- 8 Referencia del Balancín AE
- 9 Referencia de Taqués / Empujadores de Válvula y Platillo AE
- 10 Cantidad necesaria por motor
- 11 Información adicional aclaratoria.
- 12 Nuevas referencias (Resaltadas en azul)
- 13 Motores Diesel

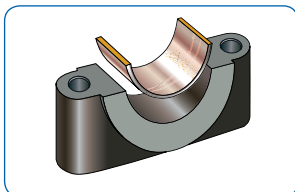
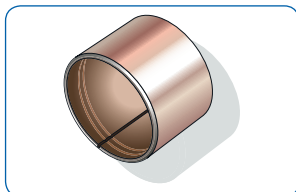
Secuencia de los paneles:

Los paneles se encuentran ordenados por modelo y en orden ascendente de cilindrada dentro de cada marca del fabricante del vehículo.

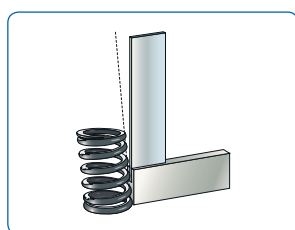
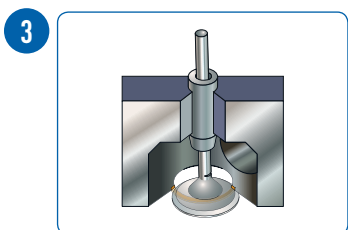
Para asegurar la máxima duración en la sustitución de un Árbol de Levas nuevo, es importante que se lleven a cabo los siguientes procedimientos de montaje:

- 1 Comprobar que el Árbol de Levas nuevo es igual que el Árbol de Levas viejo, especialmente en lo referente a los pasos de aceite.

- 2 Verificar que los casquillos de los Árboles de Levas no estén excesivamente desgastados o deteriorados.

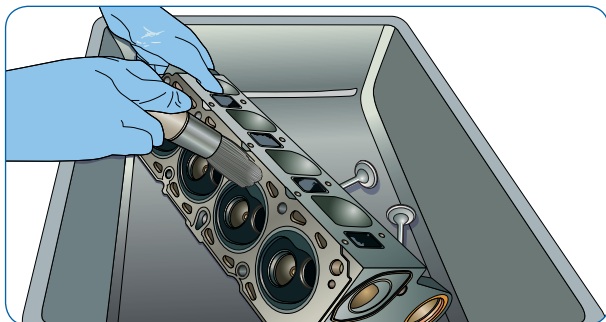


Comprobar que las válvulas, los asientos de las válvulas, las guías, los muelles y los retenes de válvula estén servibles. Debería examinarse si están desgastados los engranajes y las cadenas de transmisión. Siempre que resulte necesario deberán mecanizarse o substituirse. Cuando se monte un Árbol de Levas nuevo deben cambiarse siempre las correas de distribución.



- 4 En el Nuevo árbol de levas, comprobar que el camino de circulación del aceite está limpio y libre.

Eliminar a fondo cualquier residuo de todas las superficies de contacto, teniendo cuidado para evitar de no dañar los casquillos o a las superficies de contacto.



Habiendo realizado las verificaciones anteriores, efectuar el re-montaje prestando una atención especial a:

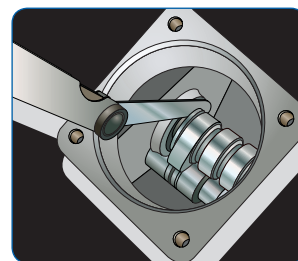
- 5 Colocarse nuevos taqués/ elevadores al Árbol de Levas. Esto es muy importante para evitar un fallo prematuro del Árbol de Levas. Las garantías quedarán sin validez si no se lleva a cabo esta operación.



- 6 Lubricar a fondo todos los casquillos y las levas del árbol de Levas con prelube AE o con un aceite de motor de buena calidad.



- 7 Debería comprobarse y ajustarse el desplazamiento final del eje de distribución de acuerdo con el manual de taller del fabricante del motor.



- 8 Utilizar nuevas juntas y retenes.



- 9 Llenar el motor con aceite nuevo y cambiar el filtro de aire por uno nuevo.



- 10 Finalmente, deberían comprobarse y ajustarse correctamente las excéntricas. Esta operación debería repetirse después de 800 Km de servicio.

Es imposible proporcionar instrucciones de montaje universales para todos los Árboles de Levas. Las indicaciones anteriores deben leerse conjuntamente con el manual de taller del fabricante del motor. El seguimiento de estas instrucciones, además de un mantenimiento regular, asegurará una larga duración exenta de problemas en las substitución de un Árbol de Levas nuevo.



JAK UŻYWAĆ TEGO KATALOGU

AE		3	4	5	6	7	8	9	CITROËN	
cc			kw/PS							
1		2								
Saxo										
1.1	TU1M (HDZ)	4	40/54	SOHC	96→03	CAM733		FOL160 (x8)	11	
		72.00							10	
1.4	KFW/TU3JP	4	55/75	SOHC	96→03	CAM733		FOL160 (x8)	10	
		75.00				CAM733 12 Euro 2 →07/98 CAM731 12 Euro 3 (D3); Euro 4 (D4) CAM732 12 Euro1 to Euro2 03/98→ CAM461				
1.5 Diesel	TUD5 (VJY)/TUD5 (VJZ)	4	42/57	SOHC	96→03	CAM461		FOL126 (x8)	Mechanical	
		77.00								
Synergie										
1.9 Diesel	XUD9BTF (DHX)/XUD9TF (D8B)	4	66/90	SOHC	94→02	CAM373	CKS2373		FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
		83.00				CAM354	CKS2354			Pulley driven vacuum pump.
2.0 Diesel	DW10ATED (RHZ)	4	80/109	SOHC	99→02	CAM679		FOL163 (x8)	FOL154 (x8)	
		85.00								
2.0 Diesel	DW10ATED4 (RHW)	4	80/109	SOHC	99→02	CAM748 ■			FOL115 (x16)	
		85.00				CAM749 ■				
2.1 Diesel	XUD11BTE (P8C)	4	81/110	SOHC	96→02	CAM674		FOL116 (x12)	FOL109 (x12)	
		85.00								
Visa										
1.1	XW7 (109/5)	4	37/50	SOHC	78→91	CAM540	CKS7540	FOL2 (x8)		
		72.00								
	XW7 (109/5F)		33-37/	SOHC						
			45-50							
	XW7 (109/5)		25-27	SOHC						

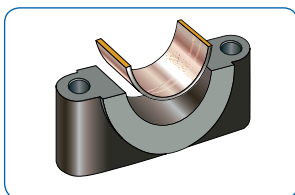
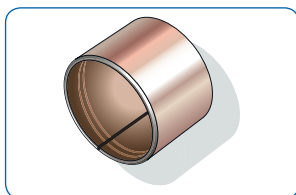
- 1 Model pojazdu
- 2 Informacja o silniku
- 3 Liczba cylindrów i średnica cylindra
- 4 Moc silnika
- 5 Lata produkcji
- 6 Nr wałka rozrządu AE
- 7 Nr zestawu wałka rozrządu AE, dla znalezienia zestawienia zawartości zestawów patrz index z tyłu
- 8 Nr popychacza AE
- 9 Nr popychacza AE / nr odpowiadającej płytki
- 10 Wymagana ilość na silnik
- 11 Dodatkowe niezbędne informacje
- 12 Nowe części (wyróżnione kolorem niebieskim)
- 13 Silniki Diesla

Kolejność w panelu:

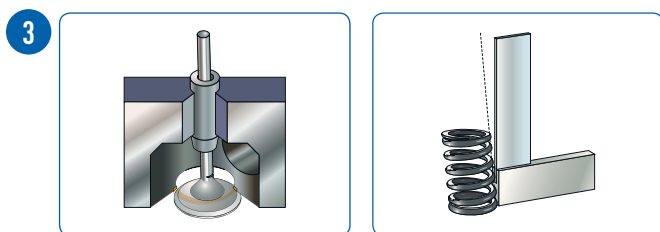
Model, a następnie wg rosnącej pojemności silników w ramach jednego producenta pojazdu, chyba że logicznie zostało uporządkowane w ramach „rodziny”

W celu zapewnienia maksymalnego okresu eksploatacji nowego wałka rozrządu i jego podzespołów należy przeprowadzić następujące procedury montażowe:

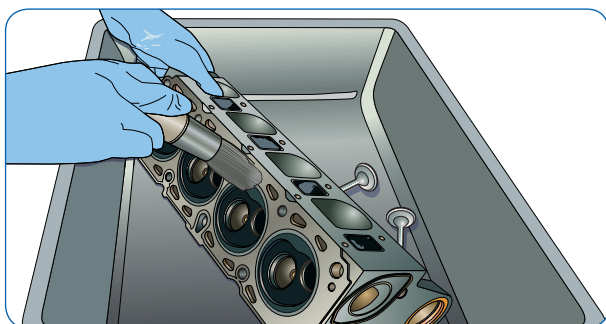
- 1 Sprawdzić, czy nowy wałek rozrządu jest taki sam jak wymieniany, dotyczy to zwłaszcza otworów olejowych.
- 2 Sprawdzić, czy panewki wałka rozrządu nie są zbyt zużyte lub uszkodzone.



Sprawdzić, czy zawory, gniazda zaworów, prowadnice, sprężyny i uszczelki trzonków zaworów są zdane do użytku. Należy sprawdzić pod kątem zużycia kąta i łańcuchy rozrządu. Jeśli to konieczne, przeprowadzić naprawę lub obróbkę skrawaniem. Przy wymianie wałka rozrządu należy zawsze wymienić pasek rozrządu.



- 4 W przypadku nowych wałków rozrządu należy sprawdzić czy wszystkie kanały olejowe są niezablokowane i czyste.
Dokładnie wyczyścić środki konserwujące ze wszystkich powierzchni stykowych uważając, aby nie uszkodzić panewek lub powierzchni przylgowych

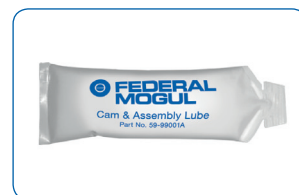


Po wykonaniu powyższych kontroli zmontować ponownie, zwracając szczególną uwagę na następujące kwestie:

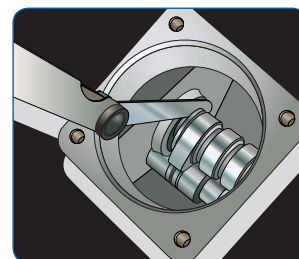
- 5 **KONIECZNE** jest zamontowanie nowych popychaczy wałka rozrządu. Pozwoli to uniknąć przedwczesnej awarii wałka rozrządu. Jeśli nie zostanie to wykonane, gwarancja jest nieważna.



- 6 **Dokładnie nasmarować wszystkie panewki rozrządu i powierzchnie robocze wałka za pomocą smaru wstępnego lub dobrej jakości oleju silnikowego.**



- 7 Należy sprawdzić konieczne luzy wałka rozrządu i wyregulować je zgodnie z podręcznikiem warsztatowym producenta silnika.



- 8 **Użyć nowych uszczelnień, uszczeltek i śrub głowicy Payen.**




















- 9 Wymienić olej silnikowy i zamontować nowy filtr oleju CHAMPION.



- 10 Na koniec, jeśli ma to zastosowanie, należy sprawdzić i wyregulować popychacze. Operację tę należy powtórzyć po około 800 km przebiegu.

Instrukcje montażu poszczególnych rodzajów wałków różnią się od siebie. Dlatego powyższe uwagi należy stosować wraz z informacjami zawartymi w podręczniku warsztatowym producenta silnika. Przestrzeganie tych wytycznych i regularne serwisowanie zapewnią długie bezproblemowe użytkowanie nowego wałka rozrządu i jego podzespołów.



										
cc			kw/PS							
Saxo										
1.1	TU1M (HDZ)	4	40/54	SOHC	96→03	CAM733		FOL160 (x8)		
1.4	KFW/TU3JP	4	55/75	SOHC	96→03	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→ CAM461		FOL160 (x8)		
1.5 Diesel	TUD5 (VJY)/TUD5 (VJZ)	4	42/57	SOHC	96→03			FOL126 (x8)	Mechanical	
Synergie										
1.9 Diesel	XUD9BTF (DHX)/XUD9TF (D8B)	4	66/90	SOHC	94→02	CAM373 CAM354	CKS2373 CKS2354	FOL73 (x8)	Camshaft driven vacuum pump. Mechanical Pulley driven vacuum pump.	
2.0 Diesel	DW10ATED (RHZ)	4	80/109	SOHC	99→02	CAM679		FOL163 (x8)	FOL154 (x8)	
2.0 Diesel	DW10ATED4 (RHW)	4	80/109	SOHC	99→02	CAM748 CAM749			FOL115 (x16)	
2.1 Diesel	XUD11BTE (P8C)	4	81/110	SOHC	96→02	CAM674		FOL116 (x12)	FOL109 (x12)	
Visa										
1.1	XW7 (109/5)	4	37/50	SOHC	78→91	CAM540	CKS7540	FOL2 (x8)		
	XW7 (109/5F)		33-37/45-50	SOHC						
	XW7 (109/5)		37/50	SOHC						

- | | |
|---|--|
| 1 Модель автомобиля | 8 Коромысло клапана АЕ |
| 2 Модель двигателя | 9 Толкатель клапана АЕ |
| 3 Количество цилиндров и диаметр цилиндра | 10 Количество для двигателя |
| 4 Мощность двигателя | 11 Дополнительная информация |
| 5 Период выпуска | 12 Новые артикулы (выделены голубым цветом) |
| 6 Распределительный вал АЕ | 13 Дизельные двигатели |
| 7 Комплект распределительного вала АЕ, список комплектов см. на задней стороне | |

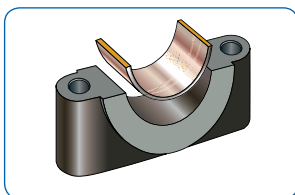
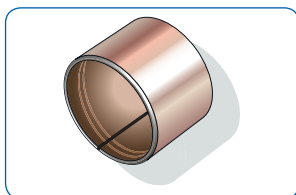
Последовательность страниц:

Модель, затем по возрастанию объема двигателя.

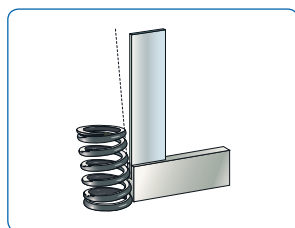
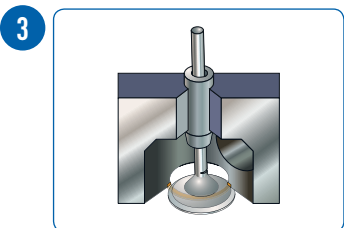
Чтобы обеспечить максимальный срок службы нового распредвала и компонентов ГРМ, очень важно выполнять установку в соответствии с приведенными ниже процедурами:

1 Убедитесь в том, что новый распредвал аналогичен старому, особенно в отношении смазочных каналов.

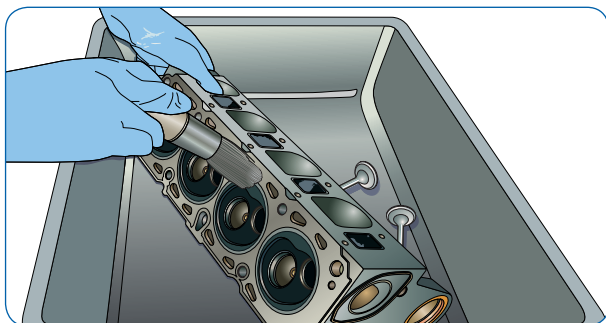
2 Убедитесь в том, что подшипники/втулки распредвала не имеют значительного износа и не повреждены.



Убедитесь в том, что клапаны, гнезда клапанов, направляющие, пружины и уплотнения стержней клапанов исправны. Проверьте износ шестерен и цепей механизма газораспределения. При необходимости выполните замену или ремонт. При установке нового распредвала всегда заменяйте ремни механизма газораспределения.



4 На **НОВОМ** распределительном вале убедитесь, что масляные каналы **ЧИСТЫЕ** и **НЕЗАБЛОКИРОВАННЫЕ**. Хорошо очистите защитное покрытие со всех поверхностей соприкосновения так, чтобы не повредить втулки или поверхности вала.



После выполнения указанных выше проверок произведите сборку, уделяя особое внимание следующему:

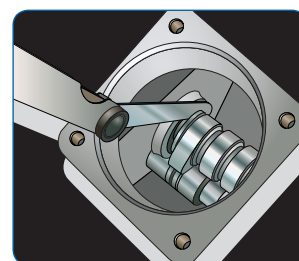
5 ДОЛЖНЫ быть установлены новые рокеры/толкатели распредвала. Это очень важно с точки зрения предотвращения преждевременного отказа распредвала. Если данная операция не будет выполнена, гарантия станет недействительной.



6 Хорошо смажьте посадочные места и кулачки распредвала **предпусковой смазкой или высококачественным моторным маслом.**



7 Проверьте осевой люфт распредвала и отрегулируйте его в соответствии с руководством по ремонту производителя двигателя.



8 Используйте новые прокладки, уплотнения и болты ГБЦ.



9 Замените моторное масло и установите новый масляный фильтр.



10 И, наконец, где применимо, проверьте толкатели и отрегулируйте их соответствующим образом. Эту операцию следует повторить примерно через 800 км пробега.

Невозможно составить универсальные инструкции по установке для всех распредвалов. Поэтому приведенные выше замечания следует использовать вместе с руководством по ремонту производителя двигателя. Соблюдение данных инструкций и регулярное обслуживание обеспечат продолжительный безаварийный срок службы нового распредвала и установленных компонентов ГРМ.





HISTORY HIGHLIGHTS

1947

Associated Engineering Holding Ltd. formed by merge of Hepworth & Grandage Ltd., Wellworthy Piston Rings Ltd., Bricovmo and later Glacier

1968

AE Autoparts Ltd. formed based in Bradford

1973 - 82

AE product portfolio expanded to include valve-train, cam-train, pumps & timing products.

1977

Pinetown Valves facility in South Africa begun manufacturing intake and exhaust valves

1978

Received the Queen's Award for Export Achievement.

GESCHICHTLICHE ECKDATEN

- 1947 Associated Engineering Holding Ltd.-entstanden durch den Zusammenschluß von Hepworth & Grandage Ltd., Wellworthy Piston Rings Ltd., Bricovmo und später Glacier.
- 1968 AE Autoparts Ltd. gegründet, Standort Bradford, GB.
- 1973-82 AE Produktprogramm enthält Ventil- und Nockenwellenantriebe, Pumpen & Produkte zur Motorsteuerung.
- 1977 Die Pinetown Ventilfabrik, Süd-Afrika, beginnt mit der Produktion von Auslassventilen.
- 1978 Erhält die königliche Auszeichnung für Export-Erfolge.
- 1986 AE-Gruppe wird von der T&N plc übernommen.
- 1998 Die Federal-Mogul Corporation (F-M) kauft die T&N Ltd.
- 2008 Die F-M Pinetown Ventilfabrik erhält die Zertifizierung für die Normen TS16949: 2000, ISO 9001: 2000 und ISO 14001: 2004
- 2009 Neuordnung der Motorenteilemarken, AE wird innerhalb des F-M Angebotes die Experten-Marke für Ventile, Nockenwellen und Antriebsriemen. Neuer Markenauftritt für AE®, inklusiver neuer Verpackungen. Zugleich Einführung eines umfassenden Anti-Fälschungsprogrammes. Marken-Slogos: TOP ENGINE EXPERT/Für Kopfarbeiter

HISTORIQUE

- 1947 Création de Associated Engineering Holding Ltd. suite à la fusion des sociétés Hepworth & Grandage Ltd., Wellworthy Piston Rings Ltd. et Bricovmo, puis ultérieurement de Glacier
- 1968 Création de l'entreprise AE Autoparts Ltd. basée à Bradford
- 1973-82 AE élargit son portefeuille pour y inclure les soupapes, les arbres à cames, les pompes et les produits de distribution.
- 1977 Début de la fabrication de soupapes d'admission et d'échappement à l'usine de Pinetown en Afrique du Sud
- 1978 AE reçoit le prestigieux Queen's Award for Export Achievement (prix récompensant les meilleurs exportateurs britanniques).
- 1986 Acquisition du groupe AE par T&N plc
- 1998 Federal-Mogul Corporation (F-M) rachète T&N Ltd.
- 2008 L'usine de production de soupapes de F-M à Pinetown obtient le renouvellement des certifications TS16949 : 2000, ISO 9001 : 2000 et ISO 14001 : 2004
- 2009 Repositionnement des marques de pièces moteur : AE devient la marque experte de F-M pour les gammes de produits haut moteur (soupapes, arbres à cames et courroies). Lancement de la nouvelle identité visuelle et du nouveau conditionnement de la marque AE®, accompagné d'un vaste programme anti-contrefaçon et du nouveau slogan de AE: LE SPECIALISTE DU HAUT MOTEUR

CENNI STORICI

- 1947 Associated Engineering Holding Ltd. Nasce con la fusione di Hepworth & Grandage Ltd., Wellworthy Piston Rings Ltd., Bricovmo e in seguito Glacier
- 1968 AE Autoparts Ltd. Si costituisce con sede a Bradford
- 1973-82 Il portfolio prodotti AE si espande includendo valvole, alberi a camme, pompe e prodotti distribuzione.
- 1977 La fabbrica di Valvole di Pinetown in Sudafrica comincia a produrre valvole di scarico e aspirazione
- 1978 Viene premiata dalla Regina per i risultati conseguite nelle esportazioni.
- 1986 Il gruppo AE group è acquisito da T&N plc
- 1998 Federal-Mogul Corporation (F-M) compra la T&N Ltd.
- 2008 La fabbrica F-M di Valvole di Pinetown si certifica TS16949 : 2000, ISO 9001 : 2000 and ISO 14001 : 2004
- 2009 Riposizionamento marchi motore, il marchio AE brand riposizionato come il marchio F-M per la parte alta del motore con le linee: valvole, alberi a camme e cinghie. Il marchio AE® ha una nuova identità visiva e un nuovo confezionamento. L'esperto della parte alta del motore

HISTORIA DATOS A DESTACAR

- 1947 Associated Engineering Holding Ltd. Fusión de Hepworth & Grandage Ltd., Segmentos Wellworthy Ltd., Bricovmo y Glacier.
- 1968 AE Autoparts Ltd., con base en Bradford.
- 1973-82 La cartera de productos AE se amplió incluyendo tren de válvulas, tren de árboles, bombas y productos de distribución.
- 1977 La fábrica de Válvulas en Pinetown (Sudáfrica) comenzó a fabricar válvulas de admisión y escape.
- 1978 Recibe el Premio 'Queen' de Exportación.
- 1986 El grupo AE es adquirido por T&N plc
- 1998 Federal-Mogul Corporation (F-M) adquiere T&N Ltd.
- 2008 La fábrica de válvulas F-M Pinetown recibe la re-certificación para TS16949: 2000, ISO 9001: 2000 y ISO 14001: 2004.
- 2009 Reposicionamiento de Marca en los productos de Motor, la marca AE se posiciona como la marca experta de F-M para los productos correspondientes a la parte alta del motor: Válvulas, Árboles de Levas y Correas. Nueva imagen y embalaje para los productos de la marca AE®. Se introduce una nueva identidad visual y nuevo embalaje con un importante sistema antifalsificación y un nuevo slogan para la marca: AMPLIA EXPERIENCIA EN MOTORES.

2011

1986

AE group acquired by T&N plc

1998

Federal-Mogul Corporation (F-M) purchased T&N Ltd.

2008

F-M Pinetown Valves facility had been re-certified to TS16949 : 2000, ISO 9001 : 2000 and ISO 14001 : 2004

2009

Engine Brands repositioning, **AE brand positioned** as F-M The Expert brand for top engine product lines: Valves, Camshafts and Belts. AE® brand New visual identity and packaging introduced. New visual identity and packaging introduced with extensive anti-counterfeit programme and AE brand slogan: **TOP ENGINE EXPERT**

HISTORIA – NAJWAŻNIEJSZE DATY

- 1947 Utworzenie Holdingu Associated Engineering Ltd. przez połączenie firm Hepworth & Grandage Ltd., Wellworthy Piston Rings Ltd., Bricovmo i później Glacier
- 1968 Utworzenie AE Autoparts Ltd. z siedzibą w Bradford
- 1973-82 Oferta AE zostaje rozszerzona o zawory silnikowe i wałki rozrządu, a także o pompy i inne części rozrządu
- 1977 Fabryka Pinetown Valves rozpoczyna produkcję zaworów dolotowych i wylotowych
- 1978 Otrzymanie Nagrody Królowej za osiągnięcia w eksporcie
- 1986 Grupa AE zostaje kupiona przez T&N plc
- 1998 Federal-Mogul Corporation (F-M) kupuje T&N Ltd.
- 2008 Fabryka F-M Pinetown Valves uzyskuje certyfikaty TS16949 : 2000, ISO 9001 : 2000 i ISO 14001 : 2004
- 2009 Nowe pozycjonowanie marek silnikowych, marka AE zostaje marką ekspercką Federal-Mogul w zakresie części do „góry silnika”, takich jak: zawory, wałki rozrządu i paski. Marka AE® uzyskuje nową szatę graficzną i opakowania produktów. Nowo wprowadzona szata graficzna i opakowania zostają wyposażone w zabezpieczenia przed podrabianiem produktów oraz w nowy slogan AE: EKSPERT W DZIEDZINIE ROZRZĄDU SILNIKÓW



TOP ENGINE EXPERT

ИСТОРИЯ АЕ

- 1947 Associated Engineering Holding Ltd. сформирована путем слияния Hepworth & Grandage Ltd., Wellworthy Piston Rings Ltd., Bricovmo и позже Glacier
- 1968 AE Autoparts Ltd. перебазировалась в Брэдфорде
- 1973-82 Продуктовая линейка AE расширена за счет включения направляющих клапанов, валов, насосов и деталей ГРМ.
- 1977 Предприятие по производству клапанов в г. Pinetown в Южной Африке начало производство впускных и выпускных клапанов
- 1978 Получена награда Королевы в номинации Достижения по экспорту.
- 1986 Группа АЕ приобретена T&N plc
- 1998 Federal-Mogul Corporation (F-M), приобрела T&N Ltd.
- 2008 Производство клапанов в г. Pinetown была сертифицирована по TS16949: 2000, ISO 9001: 2000 и ISO 14001: 2004
- 2009 Репозиционирование брендов деталей двигателя, бренд АЕ позиционируется как ЭКСПЕРТ ВЕРХНЕЙ ЧАСТИ ДВИГАТЕЛЯ: клапаны, распредвалы и ремни. Новый визуальный образ и упаковка бренда АЕ®. Введена программа по борьбе с контрафактом и новым слоганом АЕ: ЭКСПЕРТ ВЕРХНЕЙ ЧАСТИ ДВИГАТЕЛЯ



TERMS OF BUSINESS

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CHECK OUT OUR CATALOGUES



CATAE901



CATAE902



CATAE1101



CATGY901



CATGT1001



CATMX901



CATPA1001











CATPA1101



XCD11

YOU CAN OBTAIN THESE CATALOGUES THROUGH YOUR Federal-Mogul SALES REPRESENTATIVE OR THROUGH YOUR LOCAL DISTRIBUTOR

											
CAM654	ALFA ROMEO	1	CAM733	CITROËN	14, 15, 16, 18, 19, 20,	CAM753	RENAULT	72, 73, 74, 75	FOL180	DACIA	22
	FIAT	24, 25, 26, 27, 28			21	CAM755	FORD	31, 32, 33, 35, 36		OPEL	54
	LANCIA	42		PEUGEOT	64, 65, 66, 67, 69, 70	CAM756	FORD	31, 32, 33, 35, 36		RENAULT	71, 72, 73, 74, 75
CAM711	FIAT	24, 25, 26, 27, 28	CAM734	MITSUBISHI	52	CAM757	RENAULT	72		VAUXHALL	90
	LANCIA	42	CAM735	OPEL	55, 56, 57, 61, 63	CAM758	RENAULT	73	FOL181	FORD	37
CAM712	FIAT	24, 25, 26, 27, 28		VAUXHALL	91, 92, 94, 95	CAM759	RENAULT	73	FOL182	FORD	37
	LANCIA	42	CAM736	NISSAN	53	CAM760	RENAULT	73, 74	FOL183	OPEL	54, 55, 56, 57, 58, 59,
CAM713	FIAT	24, 25, 26, 27, 28		RENAULT	71, 72, 74, 75	CAM761	RENAULT	73, 74			61, 62
	LANCIA	42	CAM739	AUDI	2, 3, 6, 7, 8	CAM762	RENAULT	74		SUZUKI	87
CAM714	FIAT	24, 25, 26, 27, 28		SEAT	79, 80, 83	CAM804	FORD	32, 34, 35, 36		VAUXHALL	90, 91, 94, 95, 97
	LANCIA	42		VW	103, 108, 111	CAM808	SEAT	78, 80, 81	FOL184	CITROËN	14, 15, 20
CAM716	FIAT	24, 25, 26, 28	CAM740	AUDI	2, 3, 6, 7, 8		VW	100, 103, 109, 113		FORD	30, 34, 35
CAM717	FIAT	24, 25, 26, 28		SEAT	79, 80, 83	CAM809	OPEL	54, 56, 58, 59		MAZDA	43
CAM718	CITROËN	16		VW	103, 108, 111		VAUXHALL	90, 94, 95		MINI	51
	FIAT	24, 25	CAM743	AUDI	4, 5, 6, 8	CAM902	FORD	34		PEUGEOT	65, 66, 67, 68, 69, 70
	IVECO	40		SEAT	78, 79, 80, 82, 83	CAM903	FORD	31, 32, 33, 36		VOLVO	98, 99
	OPEL	54, 61		SKODA	84	CAM904	AUDI	4, 5	FOL185	PEUGEOT	66, 67, 69, 70
	RENAULT	73, 75		VW	100, 103, 107, 108,		SEAT	78, 79, 81, 82, 83			
	VAUXHALL	90, 95			111		SKODA	85			
CAM719	FIAT	26, 28, 29	CAM744	AUDI	4, 5, 6, 8		VW	101, 104, 105, 107,			
	LANCIA	42		SEAT	78, 79, 80, 81, 82, 83			108, 110, 111, 112,			
CAM724	OPEL	56, 57, 58, 59, 61		SKODA	84			113	CAM905	FORD	37
	VAUXHALL	91, 92, 94, 95		VW	100, 103, 107, 108,	CAM906	FORD	34, 35	CAM907	OPEL	54, 55, 56, 57, 58, 59,
CAM725	OPEL	56, 57, 58, 59, 61			110, 111						61, 62
	VAUXHALL	91, 92, 94, 95	CAM745	AUDI	4, 5					SUZUKI	87
CAM726	CITROËN	15, 19, 20		SKODA	84					VAUXHALL	90, 91, 94, 95, 97
	FORD	34, 35	CAM746	CITROËN	14, 15, 20	CAM908	FORD	34, 35	CAM909	FORD	30, 34, 35
	MAZDA	43		FORD	30, 34, 35		MAZDA	43	CAM910	PEUGEOT	66, 67, 69, 70
	PEUGEOT	65, 67, 69		MINI	51				CAM911	PEUGEOT	66, 67, 69, 70
CAM727	DACIA	22		PEUGEOT	65, 66, 67, 68, 69, 70	FOL178	OPEL	56, 57, 58, 59, 61			
	NISSAN	53	CAM747	CITROËN	14, 15, 20		VAUXHALL	91, 92, 94, 95			
	RENAULT	71, 72, 73, 74, 75		FORD	30, 34, 35	FOL179	AUDI	4			
CAM728	DACIA	22		MINI	51		SEAT	78, 79, 80, 81, 82, 83			
	NISSAN	53		PEUGEOT	65, 66, 67, 68, 69, 70		SKODA	84, 85			
	RENAULT	71, 72, 73, 74, 75	CAM748	CITROËN	16, 17, 18		VW	100, 101, 103, 104,			
CAM729	DACIA	22		PEUGEOT	68, 69			105, 107, 109, 110,			
	RENAULT	71, 72, 73, 74, 75	CAM749	CITROËN	16, 17, 18			112			
CAM730	VW	107, 112, 113		PEUGEOT	68, 69						
CAM731	CITROËN	14, 15, 16, 17, 18, 19,	CAM750	CITROËN	16						
		20, 21		CITROËN	16						
	PEUGEOT	64, 65, 66, 67, 69, 70	CAM751	CITROËN	16						
CAM732	CITROËN	14, 15, 18, 19, 20, 21									
	PEUGEOT	64, 65, 66, 67, 69, 70									

cc										
145										
1.9 Diesel	AR 32302	4 82.00	77/105	SOHC	99→01	CAM651			FOL104 (x8)	Mechanical
146										
1.9 Diesel	AR 32302	4 82.00	77/105	SOHC	99→01	CAM651			FOL104 (x8)	Mechanical
147										
1.9 Diesel	182 B9.000	4 82.00	74-77/ 101-105	SOHC	01→	CAM654			FOL104 (x8)	Mechanical
	937 A2.000		85/116	SOHC						
156										
1.9 Diesel	937 A2.000	4 82.00	85/116	SOHC	01→06	CAM654			FOL104 (x8)	Mechanical
1.9 Diesel	AR 32302	4 82.00	77/105	SOHC	97→00	CAM651			FOL104 (x8)	Mechanical
2.4 Diesel	AR 32501	5 82.00	100/136	SOHC	97→00	CAM652			FOL104 (x16)	Mechanical
159										
1.9 Diesel	937A7.000	4 82.00	85/115	SOHC	05→	CAM654			FOL104 (x8)	Mechanical
	939 A1.000		88/120	SOHC						
	939 A7.000		85/115	SOHC						

cc			kW/PS											
80														
1.6	ABM	4 81.00	52/71	SOHC	86→96								FOL92 (x8)	
	ADA		74/100	SOHC										
	PP		51/69	SOHC										
	RN		55/75	SOHC										
	SA		54/73	SOHC										
1.6 Diesel	JK	4 76.50	40/54	SOHC	80→91	CAM393 01/86→							FOL92 (x8)	
1.6 Diesel	CY	4 76.50	51/69	SOHC	81→91	CAM393							FOL92 (x8)	
	RA/SB		59/80	SOHC										
1.8	DS/JN/NE	4 81.00	66/89	SOHC	83→91								FOL92 (x8)	
	PM		66/89											
	RU		55/75	SOHC										
	SF		64/87	SOHC										
	SD		83/113	SOHC										
		82.50												
1.8	DZ	4 81.00	82/111	SOHC	84→91	CAM411							FOL92 (x8)	
	PV		82/111											
1.9 Diesel	1Y	4 79.50	47/64	SOHC	89→94	CAM440							FOL92 (x8)	
	AAZ		55/75	SOHC										
1.9 Diesel	1Z	4 79.50	66/89	SOHC	91→96	CAM668 →12/93 CAM441 01/94→							FOL92 (x8)	
2.0	3A	4 82.50	83/113	SOHC	88→91								FOL92 (x8)	
	AAD		85/116	SOHC										
2.0	ABK	4 82.50	85/116	SOHC	91→96								FOL143 (x8)	
	ABT		66/89	SOHC										
2.0	6A	4 82.50	101/137	DOHC	90→96	CAM739 CAM740							FOL92 (x16)	
	ACE		103/140	DOHC										
2.0	JS	5 81.00	85/116	SOHC	83→84								FOL92 (x10)	
2.2	ABY	5 81.00	169/230	DOHC	93→95								FOL92 (x20)	
	ADU		232/316	DOHC										
2.3	NG	5 82.50	98-100/ 133-136	SOHC	87→96								FOL92 (x10)	
2.6	ABC	6 82.50	110/150	SOHC	92→96								FOL143 (x12)	
	ACZ		102/139	SOHC										
2.8	AAH	6 82.50	128/174	SOHC	91→96								FOL143 (x12)	

cc			kW/PS									
200												
2.2	1B	5 81.00	147/200	SOHC	84→91							FOL92 (x10)
	2B KU		140/190 101-103/ 137-140	SOHC SOHC								
2.2	3B	5 81.00	162/220	DOHC	89→90							FOL92 (x20)
2.2	MC	5 81.00	121/165	SOHC	83→91	CAM442						FOL92 (x10)
2.3	NF	5 82.50	100/136	SOHC	86→91							FOL92 (x10)
A2												
1.4 Diesel	AMF	3 79.50	55/75	SOHC	00→05	CAM673						FOL114 (x6)
	ATL BHC		66/89 55/75	SOHC SOHC								
1.4	AUA	4 76.50	55/75	DOHC	00→05				FOL179 (x16)			FOL167 (x16)
1.6	BAD	4 76.50	81/110	DOHC	02→05				FOL179 (x16)			FOL167 (x16)
A3												
1.6	AEH	4 81.00	74/100	SOHC	96→00							FOL143 (x8)
1.6	AVU	4 81.00	75/102	SOHC	00→	CAM745						FOL154 (x8)
1.6	BAG	4 76.50	85/115	DOHC	03→				FOL179 (x16)			FOL167 (x16)
1.8	AGU	4 81.00	110/150	DOHC	96→	CAM743 CAM744						FOL133 (x12) FOL141 (x8)
	AJQ/APP APY AQA ARY ARZ AUL AUQ		132/180 154/210 110/150 132/180 110/150 154/210 132/180	DOHC DOHC DOHC DOHC DOHC DOHC DOHC								
1.8	AMK	4 81.00	154/210	DOHC	96→	CAM744						FOL133 (x12) FOL141 (x8)
	ARX/AUM BAM		110/150 165/224	DOHC DOHC								
1.9 Diesel	AGR	4 79.50	66/89	SOHC	96→01	CAM671 Eng: 034859→						FOL143 (x8)
1.9 Diesel	AHF	4 79.50	81/110	SOHC	97→01	CAM671 Eng: 003189→						FOL143 (x8)
1.9 Diesel	ALH	4 79.50	66/89	SOHC	96→01	CAM671						FOL143 (x8)
	ASV		81/110	SOHC								
1.9 Diesel	ASZ	4 79.50	96/131	SOHC	00→	CAM672						FOL175 (x8)
	ATD/AXR BKC/BLS/BXE		74/100 77/105	SOHC SOHC								
2.0 Diesel	BMM	4 81.00	103/140	SOHC	05→	CAM904						FOL175 (x8)

cc											
A4											
1.6	ADP	4 81.00	74/100	SOHC	95→00					FOL143 (x8)	
1.6	ALZ	4 81.00	75/102	SOHC	00→	CAM745				FOL154 (x8)	
1.8	AEB	4 81.00	110/150	DOHC	95→01	CAM743 ■ CAM744 ■				FOL133 ■ (x12) FOL141 ■ (x8)	
	AJL		132/180	DOHC							
	ANB		110/150	DOHC							
	APU		110/150	DOHC							
	ARK		110/150	DOHC							
1.8	AMB	4 81.00	125/170	DOHC	95→	CAM744 ■				FOL133 ■ (x12) FOL141 ■ (x8)	
	AVJ/AWT		110/150	DOHC							
	BEX		140/190	DOHC							
	BFB		120/163	DOHC							
1.9 Diesel	1Z	4 79.50	66/89	SOHC	95→01	CAM668 →12/93 CAM441 01/94→				FOL92 (x8)	
1.9 Diesel	AFF	4 79.50	55/75	SOHC	95→01	CAM441				FOL92 (x8)	
	AFN		81/110	SOHC							
	AHH/AHU		66/89	SOHC							
1.9 Diesel	AJM/ATJ	4 79.50	85/116	SOHC	00→04	CAM672				FOL175 (x8)	
	AVB		74/100	SOHC							
	AVF/AWX		96/131	SOHC							
1.9 Diesel	AVG	4 79.50	81/110	SOHC	95→01	CAM441				FOL143 (x8)	
2.0 Diesel	BPW	4 81.00	103/140	SOHC	04→	CAM904				FOL175 (x8)	
	BRC		100/136	SOHC							
2.5 Diesel	AFB	6 78.30	110/150	DOHC	97→05				FOL159 (x24)	FOL158 (x24) TTP4 (x24)	
	AKE		132/180	DOHC		CAM700 ■ Cyl 1-3 CAM702 ■ Cyl 1-3					
	AKN		110/150	DOHC		CAM701 ■ Cyl 4-6 CAM703 ■ Cyl 4-6					
	AYM		114/155	DOHC							
	BCZ/BFC		120/163	DOHC							
2.6	ABC	6 82.50	110/150	SOHC	95→01					FOL143 (x12)	
	ACZ		102/139	SOHC							
2.8	AAH	6 82.50	128/174	SOHC	95→97					FOL143 (x12)	

cc			kW/PS									
A6												
1.8	AEB	4 81.00	110/150	DOHC	97→05	CAM743 ■ CAM744 ■				FOL133 ■ (x12) FOL141 ■ (x8)		
	AJL		132/180	DOHC								
	AJP		92/125	DOHC								
	ANB		110/150	DOHC								
	APU		110/150									
	ARK		110/150	DOHC								
1.8	AWT	4 81.00	110/150	DOHC	97→05	CAM744 ■				FOL133 ■ (x12) FOL141 ■ (x8)		
1.9 Diesel	1Z	4 79.50	66/89	SOHC	94→97	CAM668 →12/93 CAM441 01/94→				FOL92 (x8)		
1.9 Diesel	AFN	4 79.50	81/110	SOHC	94→01	CAM441				FOL92 (x8)		
	AHU		66/89	SOHC								
1.9 Diesel	AJM	4 79.50	85/116	SOHC	00→05	CAM672				FOL175 (x8)		
	AVF/AWX		96/131	SOHC								
1.9 Diesel	AVG	4 79.50	81/110	SOHC	97→00	CAM441				FOL143 (x8)		
2.0	AAE	4 82.50	74/100	SOHC	94→97					FOL143 (x8)		
	ABK		85/116	SOHC								
2.0	ACE	4 82.50	103/140	DOHC	94→97	CAM739 ■ CAM740 ■				FOL92 (x16)		
2.2	AAN	5 81.00	169/230	DOHC	94→97					FOL92 (x20)		
2.3	AAR	5 82.50	98/133	SOHC	94→95					FOL92 (x10)		
2.5 Diesel	AAT	5 81.00	85/116	SOHC	94→97	CAM442				FOL92 (x10)		
	AEL		103/140	SOHC								
2.5 Diesel	AFB	6 78.30	110/150	DOHC	97→05				FOL159 (x24)	FOL158 (x24) TTP4 (x24)		
	AKE		132/180	DOHC		CAM700 ■ Cyl 1-3 CAM702 ■ Cyl 1-3						
	AKN		110/150	DOHC		CAM701 ■ Cyl 4-6 CAM703 ■ Cyl 4-6						
	AYM		114/155	DOHC								
	BCZ/BFC		120/163	DOHC								
2.6	ABC	6 82.50	110/150	SOHC	94→97					FOL143 (x12)		
	ACZ		102/139	SOHC								
2.8	AAH	6 82.50	128/174	SOHC	94→97					FOL143 (x12)		
	AEJ		120-128/ 163-174	SOHC								

cc											
		Ø						KIT			
A8											
2.5 Diesel	AFB	78.30 6	110/150	DOHC	97→02				FOL159 (x24)	FOL158 (x24)	
	AKE		132/180	DOHC		CAM700 ■ Cyl 1-3 CAM702 ■ Cyl 1-3				TTP4 (x24)	
	AKN		110/150	DOHC		CAM701 ■ Cyl 4-6 CAM703 ■ Cyl 4-6					
2.8	AAH	6 82.50	128/174	SOHC	94→96					FOL143 (x12)	
	AEJ		120-128/ 163-174	SOHC							
Allroad											
2.5 Diesel	AKE	6 78.30	132/180	DOHC	00→05				FOL159 (x24)	FOL158 (x24)	
	BCZ		120/163	DOHC		CAM700 ■ Cyl 1-3 CAM702 ■ Cyl 1-3 CAM701 ■ Cyl 4-6 CAM703 ■ Cyl 4-6				TTP4 (x24)	
Cabriolet											
1.9 Diesel	1Z	4 79.50	66/89	SOHC	95→00	CAM668 →12/93 CAM441 01/94→				FOL92 (x8)	
			66/89	SOHC	95→00	CAM441			FOL92 (x8)		
1.9 Diesel	AHU	4 79.50	66/89	SOHC	95→00	CAM441				FOL92 (x8)	
2.0	ABK	4 82.50	85/116	SOHC	93→98					FOL143 (x8)	
2.0	ACE	4 82.50	103/140	DOHC	95→96	CAM739 ■ CAM740 ■				FOL92 (x16)	
			98-100/ 133-136	SOHC	91→94			FOL92 (x10)			
2.6	ABC	6 82.50	110/150	SOHC	93→00					FOL143 (x12)	
	ACZ		102/139	SOHC							
2.8	AAH	6 82.50	128/174	SOHC	92→00					FOL143 (x12)	

cc			kW/PS									
Coupe												
1.8	DS/JN/NE	4 81.00	66/89	SOHC	82→88							FOL92 (x8)
	SF		64/87	SOHC								
1.8	DZ	4 81.00	82/111	SOHC	84→91	CAM411						FOL92 (x8)
	PV		82/111									
2.0	3A	4 82.50	83/113	SOHC	89→96							FOL92 (x8)
	AAD		85/116	SOHC								
2.0	ABK	4 82.50	85/116	SOHC	89→96							FOL143 (x8)
2.0	6A	4 82.50	101/137	DOHC	92→96	CAM739						FOL92 (x16)
	ACE		103/140	DOHC		CAM740						
2.0	JS/SK	5 81.00	85/116	SOHC	83→88							FOL92 (x10)
2.0	NM	5 81.00	118/160	SOHC	89→91							FOL92 (x20)
2.2	3B	5 81.00	162/220	DOHC	90→96							FOL92 (x20)
	ABY		169/230	DOHC								
2.2	JT	5 81.00	88/120	SOHC	81→91							FOL92 (x10)
	KV		100/136	SOHC								
	KX		85/116	SOHC								
2.3	7A	5 82.50	125/170	DOHC	88→96							FOL92 (x20)
2.3	NG	5 82.50	98-100/ 133-136	SOHC	87→96							FOL92 (x10)
2.6	ABC	6 82.50	110/150	SOHC	92→96							FOL143 (x12)
2.8	AAH	6 82.50	128/174	SOHC	91→96							FOL143 (x12)
Quattro												
2.2	1B	5 81.00	147/200	SOHC	84→89							FOL92 (x10)
	JT		88/120	SOHC								
	KV		100/136	SOHC								
2.2	RR	5 81.00	162/220	DOHC	89→91							FOL92 (x20)
TT												
1.8	AJQ/APP	4 81.00	132/180	DOHC	98→	CAM743						FOL133 (x12) FOL141 (x8)
	APX		121/162/ 165/221	DOHC		CAM744						
	ARY/AUQ		132/180	DOHC								
1.8	AUM	4 81.00	110/150	DOHC	98→	CAM744						FOL133 (x12) FOL141 (x8)
	BAM		165/224	DOHC								
	BVP		120/163	DOHC								
	BVR		140/190	DOHC								

cc											
Allegro											
1.1	A series (10H)	4 64.56	33/45	OHV	ALL					FOL35 (x8)	Mechanical
1.3	A Series (12 H)	4 70.62	40-49/ 54-67	OHV	ALL					FOL35 (x8)	Mechanical
	A Series (12 L)		43/58	OHV							
Healey											
1.3	12CC	4 70.62	48/65	OHV	ALL					FOL35 (x8)	Mechanical
Maestro											
1.3	A Series (12 H)	4 70.62	40-49/ 54-67	OHV	ALL					FOL35 (x8)	Mechanical
	A+ Series (12 H999)/A+ Series (12 HC)		46/63	OHV							
	A+ Series (12 HE)		50/68	OHV							
Metro											
1.0	A + series (99H)	4 64.56	35/48	OHV	ALL					FOL35 (x8)	Mechanical
	A/A+ Series (99H)		29-33/ 39-45	OHV							
1.3	12 HA85AA	4 70.62	66/89	OHV	ALL					FOL35 (x8)	Mechanical
	A Series (12 H)		40-49/ 54-67	OHV							
	A+ Series (12 H)		44/60	OHV							
	A+ Series (12 H996)		52/71	OHV							
	A+ Series (12 HA)		51/69	OHV							
	A+ Series (12 HL)		46/63	OHV							
Mini											
0.8	A Series	4 62.92	25-26/ 34-35	OHV	ALL					FOL35 (x8)	Mechanical
1.0	A/A+ Series (99H)	4 64.56	29-33/ 39-45	OHV	ALL					FOL35 (x8)	Mechanical
	A+ Series (99H)/A+ Series (99H)/A+ Series (99H)/A+ Series (99H)		31/42	OHV							
1.1	A series (10H)	4 64.56	33/45	OHV	ALL					FOL35 (x8)	Mechanical
1.3	A Series (12 H)	4 70.62	40-49/ 54-67	OHV	ALL					FOL35 (x8)	Mechanical
	A Series (12 H)		53/72	OHV							
Mini 5cwt van											
	A Series	4 62.92			ALL					FOL35 (x8)	Mechanical
Mini 95 Pick-Up											
	A Series	4 64.56			ALL					FOL35 (x8)	Mechanical
Mini 95 Van											
	A Series	4 62.92			ALL					FOL35 (x8)	Mechanical
	A Series	64.56									
Mini 850											
	A Series	4 62.92			ALL					FOL35 (x8)	Mechanical
Mini 850 Mk II											
	A Series	4 62.92			ALL					FOL35 (x8)	Mechanical
Mini 1000											
	A Series	4 64.56			ALL					FOL35 (x8)	Mechanical

cc			kW/PS							
Mini City										
A Series		4 62.92			ALL				FOL35 (x8)	Mechanical
A Series		64.56								
Mini Clubman										
A Series		4 64.56			ALL				FOL35 (x8)	Mechanical
Mini Estate										
A Series		4 64.56			ALL				FOL35 (x8)	Mechanical
Mini HL										
A Series		4 64.56			ALL				FOL35 (x8)	Mechanical
Mini Moke										
A Series		4 62.92			ALL				FOL35 (x8)	Mechanical
Mini SDL										
A Series		4 62.92			ALL				FOL35 (x8)	Mechanical
Montego										
1.3	A+ Series (12 HL)	4 70.62	46/63	OHV	ALL				FOL35 (x8)	Mechanical
Seven										
A Series		4 62.92			ALL				FOL35 (x8)	Mechanical

cc			kW/PS				KIT					
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Astra Van

1.3	13 S	4 75.00	42-55/ 57-75	SOHC	84→89	CAM316	CKS2316 CKS3316 CKS4316	FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
1.4	14 NV	4 77.60	55/75	SOHC	89→91	CAM365	CKS2365 CKS3365 CKS4365	FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
1.6	16 SV	4 79.00	60/81	SOHC	84→91	CAM359	CKS2359 CKS3359 CKS4359	FOL40 (x8)	FOL38 (x8) TTP1 (x8)	

Astramax

1.4	14 NV	4 77.60	55/75	SOHC	89→90	CAM365	CKS2365 CKS3365 CKS4365	FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
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cc			kW/PS									
		Ø					KIT					
3												
1.8	M 40 B 18	4	83/113	SOHC	90→93	CAM403	CKS9403	FOL80 (x8)	FOL79 (x8)			
		84.00										
3 (E21)												
2.0	M 20 B 20	6	90/122	CIH	77→82	CAM410	CKS8410	FOL132 (x12)				
		80.00										
2.3	M 20 B 23L	6	102-110/ 139-150	CIH	78→82	CAM407 →09/87 CAM410 10/87→		FOL132 (x12)				
		80.00										
3 (E30)												
1.6	M 40 B 16/M 40 B 16	4	73/99	SOHC	87→94	CAM403	CKS9403	FOL80 (x8)	FOL79 (x8)			
		84.00										
1.8	M 40 B 18	4	83/113	SOHC	87→94	CAM403	CKS9403	FOL80 (x8)	FOL79 (x8)			
		84.00										
2.0	M 20 B 20	6	90/122	CIH	82→93	CAM410	CKS8410	FOL132 (x12)				
		80.00										
2.3	M 20 B 23L	6	102-110/ 139-150	CIH	82→86	CAM407 →09/87 CAM410 10/87→		FOL132 (x12)				
		80.00										
2.4 Diesel	M 21 D 24	6	85/115	SOHC	85→93	CAM423						
	M 21 D 24 W		63/86	SOHC								
	M 21 D 24 WA		85/116	SOHC								
2.5	M 20 B 25	6	126/171	CIH	83→93	CAM435	CKS8435	FOL132 (x12)				
		84.00										
3 (E36)												
1.6	M 40 B 16/M 40 B 16	4	73/99	SOHC	90→93	CAM403	CKS9403	FOL80 (x8)	FOL79 (x8)			
		84.00										
1.8	M 40 B 18	4	83/113	SOHC	90→93	CAM403	CKS9403	FOL80 (x8)	FOL79 (x8)			
		84.00										
2.5 Diesel	M 51 D 25	6	105/143	SOHC	91→99	CAM458			FOL129 (x12)			
	M 51 D 25		80.00	85/115	SOHC							
5 (E12)												
2.0	M 20 B 20	6	90/122	CIH	77→81	CAM410	CKS8410	FOL132 (x12)				
		80.00										
3.4	M 30 B 35	6	160/218	CIH	80→81	CAM394						
		93.40										
5 (E28)												
2.0	M 20 B 20	6	90/122	CIH	81→87	CAM410	CKS8410	FOL132 (x12)				
		80.00										
2.4 Diesel	M 21 D 24	6	85/115	SOHC	83→87	CAM423						
	M 21 D 24 W		80.00	63/86	SOHC							
	M 21 D 24 WA			85/116	SOHC							
3.4	M 30 B 35	6	141-162/ 192-220	CIH	85→87	CAM394						
	M 30 B 35	92.00		185/252	CIH							

cc											
5 (E34)											
1.8	M 40 B 18	4 84.00	83/113	SOHC	89→95	CAM403	CKS9403	FOL80 (x8)	FOL79 (x8)		
2.0	M 20 B 20	6 80.00	90/122	CIH	88→91	CAM410	CKS8410	FOL132 (x12)			
2.4 Diesel	M 21 D 24	6 80.00	85/115	SOHC	88→95	CAM423					
	M 21 D 24 WA		85/116	SOHC							
2.5	M 20 B 25	6 84.00	126/171	CIH	88→91	CAM435	CKS8435	FOL132 (x12)			
2.5 Diesel	M 51 D 25	6 80.00	105/143	SOHC	91→97	CAM458				FOL129 (x12)	
	M 51 D 25		85/115	SOHC							
3.0	M 30 B 30	6 89.00	145/197	CIH	88→91	CAM394					
3.4	M 30 B 35	6 92.00	185/252	CIH	88→95	CAM394					
		92.00									
5 (E39)											
2.5 Diesel	M 51 D 25	6 80.00	105/143	SOHC	96→04	CAM458				FOL129 (x12)	
	M 51 D 25		85/115	SOHC							
6 (E24)											
3.0	M 30 B 30	6 89.00	145/197	CIH	76→79	CAM394					
3.4	M 30 B 35	6 92.00	136/185	CIH	78→90	CAM394					
	M 30 B 35		160/218	CIH							
	M 30 B 35		185/252	CIH							
	M 30 B 35/M 30 B 35		160/218	CIH							
		93.40									
7 (E23)											
3.0	M 30 B 30	6 89.00	145/197	CIH	77→79	CAM394					
3.4	M 30 B 35	6 92.00	136/185	CIH	79→86	CAM394					
	M 30 B 35		141-162/	CIH							
	M 30 B 35		192-220	CIH							
	M 30 B 35		160/218	CIH							
	M 30 B 35		185/252	CIH							
	M 30 B 35		160/218	CIH							
		93.40									
7 (E32)											
3.0	M 30 B 30	6 89.00	145/197	CIH	86→94	CAM394					
3.4	M 30 B 35	6 92.00	162/220	CIH	86→92	CAM394					
	M 30 B 35		185/252	CIH							
7 (E38)											
2.5 Diesel	M 51 D 25	6 80.00	105/143	SOHC	96→01	CAM458				FOL129 (x12)	
635											
3.4	M 30 B 35	6 92.00	160/218	CIH	81→89	CAM394					
Z1											
2.5	M 20 B 25	6 84.00	126/171	CIH	88→91	CAM435	CKS8435	FOL132 (x12)			

cc			kW/PS									
AX												
1.1	TU1 (H1B)	4 72.00	40-44/ 55-60	SOHC	86→97	CAM540	CKS7540	FOL160 (x8)				
1.1	TU1M (HDZ)	4 72.00	40/54	SOHC	86→97	CAM733		FOL160 (x8)				
1.4 Diesel	K9A (TUD3)/K9Y (TUD3Y)	4 75.00	39/53	SOHC	88→97	CAM461			FOL126 (x8)		Mechanical	
1.5 Diesel	TUD5 (VJY)/TUD5 (VJZ)	4 77.00	42/57	SOHC	94→97	CAM461			FOL126 (x8)		Mechanical	
Berlingo												
1.1	TU1M (HDZ)	4 72.00	40/54	SOHC	96→	CAM733		FOL160 (x8)				
1.4	KFW/TU3JP	4 75.00	55/75	SOHC	96→	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→		FOL160 (x8)				
1.6 Diesel	DV6ATED4/DV6ATED4 (9HX) DV6TED4/DV6TED4 (9HZ)	4 75.00	66/90 80/109	DOHC DOHC	05→	CAM746 ■ CAM747 ■		FOL184 (x16)	FOL152 (x16)			
1.8 Diesel	XUD7 (A9A/161A)	4 80.00	44/60	SOHC	96→	CAM373 CAM354	CKS2373 CKS2354		FOL73 (x8)		Camshaft driven vacuum pump. Mechanical Pulley driven vacuum pump.	
1.9 Diesel	DW8 (WJZ) / DW8B (WJY)/DW8B (WJY) XUD9A (DJY) XUD9A/L (D9B)	4 82.20 83.00	51/70 51/70 50/68	SOHC SOHC SOHC	96→	CAM373	CKS2373		FOL73 (x8)		Camshaft driven vacuum pump. Mechanical	
2.0 Diesel	DW10TD (RHY)	4 85.00	63/86	SOHC	99→	CAM679		FOL163 (x8)	FOL154 (x8)			
BX												
1.1	TU1M (HDZ)	4 72.00	40/54	SOHC	88→92	CAM733		FOL160 (x8)				
1.4	TU3A (K1H)	4 75.00	47-49/ 64-67	SOHC	89→89	CAM731 Euro 3 (D3)		FOL160 (x8)				
1.4	XY6C (150A) XY6D (150C)	4 75.00	46/62 53/72	SOHC SOHC	82→93	CAM540	CKS7540	FOL2 (x8)				
1.6	171C XU5 (B1AA) XU51C (B1E) XU5CP (BAY/BAZ) XU5J/J2/JA XU5S (171D)	4 83.00	66/90 58-59/ 79-80 53/72 55/75 76/103 64/87	SOHC SOHC SOHC SOHC SOHC SOHC	82→94	CAM378	CKS9378		FOL88 (x8)		Mechanical	
1.8 Diesel	XUD7 (161)/XUD7 (161A)	4 80.00	44/60	SOHC	85→93	CAM373 CAM354	CKS2373 CKS2354		FOL73 (x8)		Camshaft driven vacuum pump. Mechanical Pulley driven vacuum pump.	
1.8 Diesel	XUD7TE (A8A)/XUD7TE (AJZ)	4 80.00	66/90	SOHC	88→94	CAM444			FOL73 (x8)		Mechanical	
1.9	XU9JA (DKZ)	4 83.00	90/122	SOHC	88→94	CAM459			FOL88 (x8)		Mechanical	

cc											
... BX											
1.9 Diesel	XUD9 (16Z)	4 83.00	47/64	SOHC	83→94	CAM373	CKS2373			FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
	XUD9 (D9A)		55/72	SOHC							
	XUD9A/U (D9B)		66/90	SOHC							
C1											
1.4 Diesel	DV4D	4 73.70	40/54	SOHC	05→	CAM726				FOL154 (x8)	
C2											
1.4 Diesel	DV4TD (8HX)	4 73.70	52/71	SOHC	03→	CAM726				FOL154 (x8)	
1.4	TU3JP	4 75.00	55/75	SOHC	03→	CAM733 Euro 2 →07/98			FOL160 (x8)		
	TU3JP-L4		58/79	SOHC		CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→					
1.6 Diesel	DV6TED4 (9HZ)	4 75.00	80/109	DOHC	05→	CAM746 CAM747			FOL184 (x16)	FOL152 (x16)	
C3											
1.4 Diesel	DV4TD (8HX)	4 73.70	52/71	SOHC	02→	CAM726				FOL154 (x8)	
1.4 Diesel	DV4TED4 (8HY)	4 73.70	66/89	DOHC	02→				FOL184 (x16)	FOL15 (x16)	
1.4	TU3JP-L4	4 75.00	58/79	SOHC	02→	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→			FOL160 (x8)		
1.6 Diesel	DV6ATED4/DV6ATED4 (9HX)	4 75.00	66/90	DOHC	05→	CAM746 CAM747			FOL184 (x16)	FOL152 (x16)	
	DV6TED4/DV6TED4 (9HZ)		80/109	DOHC							
C4											
1.6 Diesel	DV6ATED4 (9HX)	4 75.00	66/90	DOHC	04→	CAM746 CAM747			FOL184 (x16)	FOL152 (x16)	
	DV6TED4/DV6TED4 (9HY)/DV6TED4 (9HZ)		80/109	DOHC							
2.0 Diesel	DW10BTED4	4 85.00	100/136	DOHC	04→	CAM679			FOL163 (x8)	FOL154 (x8)	
	DW10BTED4 (RHR)			DOHC							
C5											
1.6 Diesel	DV6TED4/DV6TED4 (9HY)/DV6TED4 (9HZ)	4 75.00	80/109	DOHC	04→	CAM746 CAM747			FOL184 (x16)	FOL152 (x16)	
2.0 Diesel	DW10ATED (RHS)	4 85.00	79/107	DOHC	01→	CAM679			FOL163 (x8)	FOL154 (x8)	
	DW10ATED (RHZ)		80/109	SOHC							
	DW10BTED4		100/136	DOHC							
	DW10TD (RHV)		63/86	SOHC							
	DW10BTED4 (RHR)			DOHC							

cc			kW/PS											
C8														
2.0 Diesel	DW10ATED4 (RHM)	4	79/107	DOHC	02→	CAM748 ■ CAM749 ■								
2.0 Diesel	DW10ATED4 (RHT)	4	79/107	DOHC	02→	CAM748 ■ CAM749 ■						FOL115 (x16)		
2.0 Diesel	DW10ATED4 (RHW) DW10UTED4 (RHK) DW10BTED4 (RHR)	4	80/109 79/107	SOHC DOHC	06→	CAM679				FOL163 (x8)		FOL154 (x8)		
2.2 Diesel	DW12TED4 (4HW)	4	94/128	DOHC	02→	CAM750 ■ CAM751 ■								
C15														
1.1	TU1M (HDZ)	4	40/54	SOHC	88→96	CAM733				FOL160 (x8)				
1.1	XW7 (109K)	4	35/47	SOHC	84→96	CAM540	CKS7540			FOL2 (x8)				
1.4	TU3A (K1H)	4	47-49/ 64-67	SOHC	87→96	CAM731 Euro 3 (D3)				FOL160 (x8)				
1.4	TU3 (K3A) XY7 (150D)	4	40-46/ 54-63 44/60	SOHC SOHC	87→96	CAM540	CKS7540			FOL2 (x8)				
1.8 Diesel	XUD7 (161A)	4	44/60	SOHC	86→00	CAM373 CAM354	CKS2373 CKS2354					FOL73 (x8)		Camshaft driven vacuum pump. Mechanical Pulley driven vacuum pump.
C25														
1.9 Diesel	XUD9A (DJY) XUD9A/U (D9B)	4	51/70 66/90	SOHC SOHC	87→94	CAM373	CKS2373					FOL73 (x8)		Camshaft driven vacuum pump. Mechanical
2.5 Diesel	CRD93L (U25/661)	4	54-55/ 73-75	SOHC	81→94	CAM718 01/89→								
Dispatch														
1.6	220 A2.000	4	59/80	SOHC	95→	CAM540	CKS7540			FOL2 (x8)				
1.9 Diesel	DW8 (WJZ) / DW8B (WJY) XUD9A/U (D9B)	4	51/70 66/90	SOHC SOHC	95→	CAM373	CKS2373					FOL73 (x8)		Camshaft driven vacuum pump. Mechanical
1.9 Diesel	XUD9BTF (DHX)/XUD9TF (D8B)	4	66/90	SOHC	95→	CAM373 CAM354	CKS2373 CKS2354					FOL73 (x8)		Camshaft driven vacuum pump. Mechanical Pulley driven vacuum pump.
2.0 Diesel	DW10ATED (RHZ) DW10BTED (RHX) DW10BTED (RHX) DW10BTED4 (RHR)	4	80/109 69/93 69/94	SOHC SOHC SOHC DOHC	99→	CAM679				FOL163 (x8)		FOL154 (x8)		
2.0 Diesel	DW10UTED4 (RHK)	4	79/107	DOHC	07→	CAM748 ■ CAM749 ■						FOL115 (x16)		
Evasion														
1.9 Diesel	XUD9BTF (DHX)/XUD9TF (D8B)	4	66/90	SOHC	94→02	CAM373 CAM354	CKS2373 CKS2354					FOL73 (x8)		Camshaft driven vacuum pump. Mechanical Pulley driven vacuum pump.
2.0 Diesel	DW10ATED (RHZ)	4	80/109	SOHC	99→02	CAM679				FOL163 (x8)		FOL154 (x8)		
2.0 Diesel	DW10ATED4 (RHW)	4	80/109	SOHC	99→02	CAM748 ■ CAM749 ■						FOL115 (x16)		
2.1 Diesel	XUD11BTE (P8C)	4	81/110	SOHC	96→02	CAM674				FOL116 (x12)		FOL109 (x12)		

cc			KW/PS										
Jumper													
1.9 Diesel	XUD9A (DJY)	4 83.00	51/70	SOHC		94→02	CAM373	CKS2373				FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
	XUD9A/U (D9B)		66/90	SOHC									
1.9 Diesel	XUD9BTF (DHX)	4 83.00	66/90	SOHC		94→02	CAM373	CKS2373				FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
							CAM354	CKS2354					Pulley driven vacuum pump.
2.5 Diesel	DJ5 (T9A)	4 92.00	63/86			94→02	CAM677			FOL116 (x8)		FOL109 (x8) TTP3 (x8)	
2.5 Diesel	DJ5T (T8A)	4 92.00	76/103			94→02	CAM676			FOL116 (x12)		FOL109 (x12) TTP3 (x12)	
2.5 Diesel	DJ5TED (THX)	4 92.00	79/107			96→02	CAM678					FOL118 (x8) TTP3 (x8)	
2.8 Diesel	8140.43N	4 94.40	107/146	SOHC		00→	CAM681					FOL169 (x8)	Mechanical
	8140.43S		92/125	SOHC									
Jumpy													
1.6	220 A2.000	4 86.40	59/80	SOHC		95→	CAM540	CKS7540		FOL2 (x8)			
1.9 Diesel	DW8 (WJZ) / DW8B (WJY)	4 82.20	51/70	SOHC		95→	CAM373	CKS2373				FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
	XUD9A/U (D9B)		66/90	SOHC									
1.9 Diesel	XUD9BTF (DHX)/XUD9TF (D8B)	4 83.00	66/90	SOHC		95→	CAM373	CKS2373				FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
							CAM354	CKS2354					Pulley driven vacuum pump.
2.0 Diesel	DW10ATED (RHZ)	4 85.00	80/109	SOHC		99→	CAM679			FOL163 (x8)		FOL154 (x8)	
	DW10BTED (RHX)		69/93	SOHC									
	DW10BTED (RHX)		69/94	SOHC									
	DW10BTED4 (RHR)			DOHC									
2.0 Diesel	DW10UTED4 (RHK)	4 85.00	79/107	DOHC		07→	CAM748 II CAM749 I					FOL115 (x16)	
LNA													
1.1	XW7 (109/5E)	4 72.00	33-50/ 45-50	SOHC		82→85	CAM540	CKS7540		FOL2 (x8)			
Nemo													
1.4	KFV (TU3A)	4 75	54-73-	SOHC/ OHC		08→	CAM731 Euro 3 (D3)			FOL160 (x8)			
Relay													
1.9 Diesel	XUD9A (DJY)	4 83.00	51/70	SOHC		94→02	CAM373	CKS2373				FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
	XUD9A/U (D9B)		66/90	SOHC									
1.9 Diesel	XUD9BTF (DHX)	4 83.00	66/90	SOHC		94→02	CAM373	CKS2373				FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
							CAM354	CKS2354					Pulley driven vacuum pump.
2.5 Diesel	DJ5 (T9A)	4 92.00	63/86			94→02	CAM677			FOL116 (x8)		FOL109 (x8) TTP3 (x8)	
2.5 Diesel	DJ5T (T8A)	4 92.00	76/103			94→02	CAM676			FOL116 (x12)		FOL109 (x12) TTP3 (x12)	
2.5 Diesel	DJ5TED (THX)	4 92.00	79/107			96→02	CAM678					FOL118 (x8) TTP3 (x8)	
2.8 Diesel	8140.43N	4 94.40	107/146	SOHC		00→	CAM681					FOL169 (x8)	Mechanical
	8140.43S		92/125	SOHC									

cc			kW/PS											
Saxo														
1.1	TU1M (HDZ)	4 72.00	40/54	SOHC	96→03	CAM733					FOL160 (x8)			
1.4	KFW/TU3JP	4 75.00	55/75	SOHC	96→03	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→					FOL160 (x8)			
1.5 Diesel	TUD5 (VJY)/TUD5 (VJZ)	4 77.00	42/57	SOHC	96→03	CAM461					FOL126 (x8)			Mechanical
Synergie														
1.9 Diesel	XUD9BTF (DHX)/XUD9TF (D8B)	4 83.00	66/90	SOHC	94→02	CAM373 CAM354	CKS2373 CKS2354				FOL73 (x8)			Camshaft driven vacuum pump. Mechanical Pulley driven vacuum pump.
2.0 Diesel	DW10ATED (RHZ)	4 85.00	80/109	SOHC	99→02	CAM679					FOL163 (x8)	FOL154 (x8)		
2.0 Diesel	DW10ATED4 (RHW)	4 85.00	80/109	SOHC	99→02	CAM748 ■ CAM749 ■						FOL115 (x16)		
2.1 Diesel	XUD11BTE (P8C)	4 85.00	81/110	SOHC	96→02	CAM674					FOL116 (x12)	FOL109 (x12)		
Visa														
1.1	XW7 (109/5)	4 72.00	37/50	SOHC	78→91	CAM540	CKS7540				FOL2 (x8)			
	XW7 (109/5F)		33-37/ 45-50	SOHC										
	XW7 (109K)		35/47	SOHC										
1.2	129/5	4 75.00	42/57	SOHC	80→82	CAM540	CKS7540				FOL2 (x8)			
1.4	XY7 (150D)	4 75.00	44/60	SOHC	82→91	CAM540	CKS7540				FOL2 (x8)			
	XY8 (150B)		46/62	SOHC										
1.8 Diesel	XUD7 (161A)	4 80.00	44/60	SOHC	84→91	CAM373 CAM354	CKS2373 CKS2354				FOL73 (x8)			Camshaft driven vacuum pump. Mechanical Pulley driven vacuum pump.
Xantia														
1.9 Diesel	XUD9 (DJZ)	4 83.00	52/71	SOHC	94→03	CAM373 CAM354	CKS2373 CKS2354				FOL73 (x8)			Camshaft driven vacuum pump. Mechanical Pulley driven vacuum pump.
	XUD9BTF (DHX)		66/90	SOHC										
	XUD9TE (DHY)		44/66/ 60/90	SOHC										
1.9 Diesel	XUD9A/L (D9B)	4 83.00	50/68	SOHC	94→98	CAM373	CKS2373				FOL73 (x8)			Camshaft driven vacuum pump. Mechanical
2.0 Diesel	DW10ATED (RHZ)	4 85.00	80/109	SOHC	99→03	CAM679					FOL163 (x8)	FOL154 (x8)		
	DW10TD (RHY)		63/86	SOHC										
2.1 Diesel	XUD11BTE (P8C)	4 85.00	81/110	SOHC	95→99	CAM674					FOL116 (x12)	FOL109 (x12)		

cc			KW/PS							
		Ø					KIT			
Xantia Break										
1.9 Diesel	XUD9BTF (DHX)	4 83.00	66/90	SOHC	95→03	CAM373	CKS2373			FOL73 (x8) Camshaft driven vacuum pump. Mechanical
	XUD9TE (DHY)		44/66/ 60/90	SOHC		CAM354	CKS2354			Pulley driven vacuum pump.
	XUD9TF (D8B)		66/90	SOHC						
2.0 Diesel	DW10ATED (RHZ)	4 85.00	80/109	SOHC	99→03	CAM679		FOL163 (x8)	FOL154 (x8)	
	DW10TD (RHV)		63/86	SOHC						
2.1 Diesel	XUD11BTE (P8C)	4 85.00	81/110	SOHC	96→99	CAM674		FOL116 (x12)	FOL109 (x12)	
XM										
2.1 Diesel	XUD11ATE (P8A)/XUD11ATE (PHZ)	4 85.00	80-81/ 109-110	SOHC	89→00	CAM674		FOL116 (x12)	FOL109 (x12)	
	XUD11ATE (PJZ)		80/109	SOHC						
	XUD11BTE (P8C)		81/110	SOHC						
2.5 Diesel	DK5ATE (THY)	4 92.00	95/129	SOHC	94→00	CAM676		FOL116 (x12)	FOL109 (x12) TTP3 (x12)	
XM Break										
2.1 Diesel	XUD11ATE (P8A)/XUD11ATE (PHZ)	4 85.00	80-81/ 109-110	SOHC	91→00	CAM674		FOL116 (x12)	FOL109 (x12)	
	XUD11ATE (PJZ)		80/109	SOHC						
	XUD11BTE (P8C)		81/110	SOHC						
2.5 Diesel	DK5ATE (THY)	4 92.00	95/129	SOHC	94→00	CAM676		FOL116 (x12)	FOL109 (x12) TTP3 (x12)	
Xsara										
1.4 Diesel	DV4TD (8HX)	4 73.70	52/71	SOHC	03→05	CAM726			FOL154 (x8)	
1.4	KFW/TU3JP	4 75.00	55/75	SOHC	97→05	CAM733		FOL160 (x8)		
						Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→				
1.5 Diesel	TUD5 (VJZ)	4 77.00	42/57	SOHC	97→00	CAM461			FOL126 (x8)	Mechanical
1.8 Diesel	XUD7 (161A)/XUD7 (A9A/161A)	4 80.00	44/60	SOHC	97→00	CAM373	CKS2373		FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
1.9 Diesel	DW8 (WJZ) / DW8B (WJY)/DW8B (WJY)	4 82.20	51/70	SOHC	97→05	CAM373	CKS2373		FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
	XUD9A (DJY)	83.00	51/70	SOHC						
1.9 Diesel	XUD9TE (DHY)	4 83.00	44/66/ 60/90	SOHC	97→00	CAM373	CKS2373		FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
						CAM354	CKS2354			Pulley driven vacuum pump.
2.0 Diesel	DW10ATED (RHZ)	4 85.00	80/109	SOHC	99→05	CAM679		FOL163 (x8)	FOL154 (x8)	
	DW10TD (RHV)		63/86	SOHC						

cc			kW/PS									
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Xsara Break												
1.4 Diesel	DV4TD (8HX)	4	52/71	SOHC	03→05	CAM726					FOL154 (x8)	
		73.70										
1.4	KFW/TU3JP	4	55/75	SOHC	97→05	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→				FOL160 (x8)		
		75.00										
1.5 Diesel	TUD5 (VJZ)	4	42/57	SOHC	97→00	CAM461					FOL126 (x8)	Mechanical
		77.00										
1.8 Diesel	XUD7 (A9A/161A)	4	44/60	SOHC	97→00	CAM373	CKS2373				FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
		80.00				CAM354	CKS2354					Pulley driven vacuum pump.
1.9 Diesel	DW8 (WJZ) / DW8B (WJY)/DW8B (WJY)	4	51/70	SOHC	97→05	CAM373	CKS2373				FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
	XUD9A (DJY)	82.20	51/70	SOHC								
		83.00										
1.9 Diesel	XUD9TE (DHY)	4	44/66/60/90	SOHC	97→00	CAM373	CKS2373				FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
		83.00				CAM354	CKS2354					Pulley driven vacuum pump.
2.0 Diesel	DW10ATED (RHZ)	4	80/109	SOHC	99→05	CAM679				FOL163 (x8)	FOL154 (x8)	
	DW10TD (RHY)	85.00	63/86	SOHC								

Xsara Coupe												
1.4 Diesel	DV4TD (8HX)	4	52/71	SOHC	03→05	CAM726					FOL154 (x8)	
		73.70										
1.4	KFW/TU3JP	4	55/75	SOHC	98→05	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→				FOL160 (x8)		
		75.00										
1.9 Diesel	DW8 (WJZ) / DW8B (WJY)/DW8B (WJY)	4	51/70	SOHC	98→05	CAM373	CKS2373				FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
	XUD9A (DJY)	82.20	51/70	SOHC								
		83.00										
1.9 Diesel	XUD9TE (DHY)	4	44/66/60/90	SOHC	98→00	CAM373	CKS2373				FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
		83.00				CAM354	CKS2354					Pulley driven vacuum pump.
2.0 Diesel	DW10ATED (RHZ)	4	80/109	SOHC	99→05	CAM679				FOL163 (x8)	FOL154 (x8)	
	DW10TD (RHY)	85.00	63/86	SOHC								

Xsara Picasso												
1.6 Diesel	DV6TED4	4	80/109	DOHC	04→	CAM746 ■ CAM747 ■				FOL184 (x16)	FOL152 (x16)	
		75.00										
2.0 Diesel	DW10TD (RHY)	4	63/86	SOHC	99→	CAM679				FOL163 (x8)	FOL154 (x8)	
		85.00										

cc			kw/PS									
		Ø						KIT				
ZX												
1.1	TU1 (H1B)	4 72.00	40-44/ 55-60	SOHC	91→93	CAM540	CKS7540		FOL160 (x8)			
1.1	TU1M (HDZ)	4 72.00	40/54	SOHC	91→97	CAM733			FOL160 (x8)			
1.4	TU3JP	4 75.00	55/75	SOHC	91→97	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→			FOL160 (x8)			
1.8 Diesel	XUD7 (161A)	4 80.00	44/60	SOHC	93→97	CAM373 CAM354	CKS2373 CKS2354			FOL73 (x8)	Camshaft driven vacuum pump. Mechanical Pulley driven vacuum pump.	
1.9	XU9JA (DKZ)	4 83.00	90/122	SOHC	91→97	CAM459				FOL88 (x8)	Mechanical	
1.9 Diesel	XUD9 (DJZ)	4 83.00	52/71	SOHC	91→97	CAM373	CKS2373			FOL73 (x8)	Camshaft driven vacuum pump. Mechanical	
	XUD9TE (DHY)		44/66/ 60/90	SOHC		CAM354	CKS2354				Pulley driven vacuum pump.	
1.9 Diesel	XUD9A/U (D9B)	4 83.00	66/90	SOHC	94→97	CAM373	CKS2373			FOL73 (x8)	Camshaft driven vacuum pump. Mechanical	
ZX Break												
1.4	TU3JP	4 75.00	55/75	SOHC	93→97	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→			FOL160 (x8)			
1.8 Diesel	XUD7 (161A)	4 80.00	44/60	SOHC	93→97	CAM373 CAM354	CKS2373 CKS2354			FOL73 (x8)	Camshaft driven vacuum pump. Mechanical Pulley driven vacuum pump.	
1.9 Diesel	XUD9 (DJZ)	4 83.00	52/71	SOHC	93→97	CAM373	CKS2373			FOL73 (x8)	Camshaft driven vacuum pump. Mechanical	
	XUD9TE (DHY)		44/66/ 60/90	SOHC		CAM354	CKS2354				Pulley driven vacuum pump.	
1.9 Diesel	XUD9A/U (D9B)	4 83.00	66/90	SOHC	94→97	CAM373	CKS2373			FOL73 (x8)	Camshaft driven vacuum pump. Mechanical	

cc			kW/PS							
1310										
1.9 Diesel	F8Q 630	4 80.00	48/65	SOHC	05→	CAM664				FOL180 (x8)
Duster										
1.6	K4M 690	4 79.50	77/105	DOHC	10→	CAM727 CAM728				FOL103 (x16)
Logan										
1.5 Diesel	K9K 790	4 76.00	48/65	SOHC	05→					FOL103 (x16)
	K9K 792		50/68	SOHC						
1.6	K4M 690	4 79.50	77/105	DOHC	06→	CAM727 CAM728				FOL103 (x16)
1.6	K7M 710	4 79.50	64/87	SOHC	04→	CAM729				FOL103 (x16)
Sandero										
1.5 Diesel	K9K 792	4 76.00	50/68	SOHC	08→					FOL103 (x16)
1.6	K7M 710	4 79.50	64/87	SOHC	08→	CAM729				FOL103 (x16)
Solenza										
1.9 Diesel	F8Q 630	4 80.00	48/65	SOHC	03→	CAM664				FOL180 (x8)

cc		Ø	kW/PS		12		KIT			i
1.5										
1.5	G15MF	4 76.50	44-55/ 55-75	SOHC	94→95	CAM359		FOL40 (x8)	FOL38 (x8)	
Cielo										
1.5	G15MF	4 76.50	44-55/ 55-75	SOHC	96→97	CAM359		FOL40 (x8)	FOL38 (x8)	
Nexia										
1.5	G15MF	4 76.50	44-55/ 55-75	SOHC	95→97	CAM359		FOL40 (x8)	FOL38 (x8)	

cc			kW/PS											
127														
1.3 Diesel	127 A5.000	4	33/44	SOHC	81→86								FOL104 (x8)	Mechanical
		76.00												
128														
1.1	128 A.000	4	33-48/ 80.00	SOHC	69→84	CAM517							FOL104 (x8)	Mechanical
1.3	128 A1.000	4	44/60 86.00	SOHC	72→84	CAM517							FOL104 (x8)	Mechanical
	128 AC.000		55/75	SOHC										
147														
1.3 Diesel	127 A5.000	4	33/44	SOHC	82→83								FOL104 (x8)	Mechanical
		76.00												
500														
1.3 Diesel	169 A1.000	4		DOHC	07→	CAM711								
		69.60				CAM712								
Brava														
1.2	188 A5.000	4	59/80 70.80	DOHC	00→01	CAM713							FOL168 (x16)	
						CAM714								
1.4	182 A3.000/182 A5.000	4	59/80 82.00	SOHC	95→01	CAM648	CKS2648 CKS3648	FOL101 (x12)	FOL100 (x12)					
1.6	182 B6.000	4	76/103 80.50	DOHC	99→02	CAM716							FOL106 (x16)	
						CAM717								
1.9 Diesel	182 A7.000/182 A8.000	4	55/75 82.00	SOHC	96→01	CAM649							FOL104 (x8)	Mechanical
1.9 Diesel	182 B4.000	4	77/105 82.00	SOHC	98→01	CAM651							FOL104 (x8)	Mechanical
1.9 Diesel	182 B9.000	4	74-77/ 82.00	SOHC	00→01	CAM654							FOL104 (x8)	Mechanical
			100-105											
Bravo														
1.2	188 A5.000	4	59/80 70.80	DOHC	00→01	CAM713							FOL168 (x16)	
						CAM714								
1.4	182 A3.000/182 A5.000	4	59/80 82.00	SOHC	95→01	CAM648	CKS2648 CKS3648	FOL101 (x12)	FOL100 (x12)					
1.6	182 B6.000	4	76/103 80.50	DOHC	00→02	CAM716							FOL106 (x16)	
						CAM717								
1.9 Diesel	182 A7.000/182 A8.000	4	55/75 82.00	SOHC	96→01	CAM649							FOL104 (x8)	Mechanical
1.9 Diesel	182 B4.000	4	77/105 82.00	SOHC	98→01	CAM651							FOL104 (x8)	Mechanical
1.9 Diesel	182 B9.000	4	74-77/ 82.00	SOHC	00→	CAM654							FOL104 (x8)	Mechanical
	192 A8.000		100-105	SOHC										
1.9 Diesel	192 B5.000	4	66/90 82.00	SOHC	07→08	CAM653							FOL104 (x8)	Mechanical
Croma														
1.9 Diesel	939 A1.000	4	88/120 82.00	SOHC	05→	CAM654							FOL104 (x8)	Mechanical
2.5 Diesel	8144.67	4	55/75 93.00	SOHC	85→89	CAM718 01/89→								
2.5 Diesel	8144.97	4	85/115 93.00		89→96	CAM681							FOL169 (x8)	Mechanical

cc										
Doblo										
1.3 Diesel	188 A9.000	4 69.60	51/70	DOHC	04→	CAM711	CAM712			
	199 A2.000		55/75	DOHC						
	199 A3.000		66/90	DOHC						
	223 A9.000			DOHC						
1.6	182 B6.000	4 80.50	76/103	DOHC	01→	CAM716	CAM717		FOL106 (x16)	
1.9 Diesel	182 B9.000	4 82.00	74-77/ 100-105	SOHC	01→	CAM654			FOL104 (x8)	Mechanical
	186A9.000		88/120							
	223 A7.000		77/105	SOHC						
1.9 Diesel	223 A6.000	4 82.00	44/60	SOHC	01→	CAM653			FOL104 (x8)	Mechanical
Ducato										
2.0 Diesel	DW10 (RHV)	4 85.00	81/110	DOHC	01→	CAM679			FOL163 (x8)	FOL154 (x8)
2.5 Diesel	8140.27	4 93.00	70/95	SOHC	86→94	CAM681 Eng: 1197078→				FOL169 (x8) Mechanical
2.5 Diesel	8140.67	4 93.00	55/75		82→02	CAM718 01/89→				
	8144.67		55/75	SOHC						
2.8 Diesel	8140.43	4 94.40	90/122	SOHC	97→	CAM681			FOL169 (x8)	Mechanical
	8140.43S		94/128	SOHC						
2.8 Diesel	8140.63	4 94.40	64/87		98→02	CAM718				
Duna										
1.7 Diesel	149 B3.000	4 82.60	42/57	SOHC	87→91	CAM641			FOL104 (x8)	Mechanical
Elba										
1.3 Diesel	127 A5.000	4 76.00	33/44	SOHC	86→92				FOL104 (x8)	Mechanical
Fiorino										
1.3 Diesel	127 A5.000	4 76.00	33/44	SOHC	82→88				FOL104 (x8)	Mechanical
1.3 Diesel	199 A2.000	4 69.60	55/75	DOHC	08→	CAM711	CAM712			
1.7 Diesel	149 B3.000	4 82.60	42/57	SOHC	87→00	CAM641			FOL104 (x8)	Mechanical
Grande Punto										
1.3 Diesel	199 A2.000	4 69.60	55/75	DOHC	05→	CAM711	CAM712			
	199 A3.000		66/90	DOHC						
1.9 Diesel	199 A5.000	4 82.00	96/131	SOHC	05→	CAM654			FOL104 (x8)	Mechanical
	939 A1.000		88/120	SOHC						
Idea										
1.2	188 A5.000	4 70.80	59/80	DOHC	04→	CAM713	CAM714		FOL168 (x16)	
1.3 Diesel	188 A9.000	4 69.60	51/70	DOHC	04→	CAM711	CAM712			
	199 A3.000		66/90	DOHC						
1.9 Diesel	188 B2.000	4 82.00	74/100	SOHC	04→	CAM654			FOL104 (x8)	Mechanical
Linea										
1.3 Diesel	199 A3.000	4 69.60	66/90	DOHC	07→	CAM711	CAM712			

cc			kW/PS											
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Marea														
1.4	182 A3.000	4	59/80	SOHC	96→	CAM648	CKS2648 CKS3648	FOL101 (x12)	FOL100 (x12)					
		82.00												
1.6	182 B6.000	4	76/103	DOHC	00→02	CAM716 ■ CAM717 ■			FOL106 (x16)					
		80.50												
1.9 Diesel	182 A7.000/182 A8.000	4	55/75	SOHC	96→	CAM649			FOL104 (x8)				Mechanical	
		82.00												
1.9 Diesel	182 B4.000	4	77/105	SOHC	99→	CAM651			FOL104 (x8)				Mechanical	
	186 A6.000	4	73/99	SOHC										
2.4 Diesel	185 A6.000	5	96/131	SOHC	99→	CAM652 →12/02			FOL104 (x16)				Mechanical	
		82.00												
2.4 Diesel	839 A5.000	5	100/136		99→	CAM652			FOL104 (x16)				Mechanical	
		82.00												

Marea Weekend														
1.4	182 A3.000	4	59/80	SOHC	96→	CAM648	CKS2648 CKS3648	FOL101 (x12)	FOL100 (x12)					
		82.00												
1.6	182 B6.000	4	76/103	DOHC	00→02	CAM716 ■ CAM717 ■			FOL106 (x16)					
		80.50												
1.9 Diesel	182 A7.000/182 A8.000	4	55/75	SOHC	96→	CAM649			FOL104 (x8)				Mechanical	
		82.00												
1.9 Diesel	182 B4.000	4	77/105	SOHC	99→	CAM651			FOL104 (x8)				Mechanical	
	186 A6.000	4	73/99	SOHC										
1.9 Diesel	182 B9.000	4	74-77/ 100-105	SOHC	96→	CAM654			FOL104 (x8)				Mechanical	
		82.00												
2.4 Diesel	185 A6.000	5	96/131	SOHC	99→	CAM652 →12/02			FOL104 (x16)				Mechanical	
		82.00												
2.4 Diesel	839 A5.000	5	100/136		99→	CAM652			FOL104 (x16)				Mechanical	
		82.00												

Multipla														
1.6	182 B6.000	4	76/103	DOHC	00→	CAM716 ■ CAM717 ■			FOL106 (x16)					
		80.50												
1.9 Diesel	182 B4.000	4	77/105	SOHC	99→	CAM651			FOL104 (x8)				Mechanical	
	186 A6.000	4	73/99	SOHC										
	186 A8.000	4	85/115	SOHC										
1.9 Diesel	186A9.000	4	88/120		02→	CAM654			FOL104 (x8)				Mechanical	
		82.00												

Palio														
1.2	188 A5.000	4	59/80	DOHC	01→	CAM713 ■ CAM714 ■			FOL168 (x16)					
		70.80												
1.3 Diesel	188 A9.000	4	51/70	DOHC	03→	CAM711 ■ CAM712 ■								
		69.60												
1.4	178 B2.000	4	51/69	SOHC	96→	CAM719			FOL104 (x8)				Mechanical	
		80.50												
1.7 Diesel	176 A5.000	4	52/71	SOHC	97→	CAM417			FOL104 (x8)				Mechanical	
		82.60												
1.9 Diesel	223 A6.000	4	44/60	SOHC	00→	CAM653			FOL104 (x8)				Mechanical	
		82.00												

Palio Weekend														
1.2	188 A5.000	4	59/80	DOHC	01→	CAM713 ■ CAM714 ■			FOL168 (x16)					
		70.80												
1.6	182 B6.000	4	76/103	DOHC	01→	CAM716 ■ CAM717 ■			FOL106 (x16)					
		80.50												
1.9 Diesel	188 A2.000	4	73/99	SOHC	01→	CAM653			FOL104 (x8)				Mechanical	
	223 A6.000	4	44/60	SOHC										
		82.00												

cc										
		Ø					KIT			
Panda										
1.3 Diesel	156 A5.000	4 76.10	33/44	SOHC	86→92	CAM391			FOL104 (x8)	Mechanical
1.3 Diesel	188 A9.000	4 69.60	51/70	DOHC	03→	CAM711 I CAM712 E				
	169 A1.000			DOHC						
Punto										
1.2	188 A5.000	4 70.80	59/80	DOHC	99→	CAM713 I CAM714 E			FOL168 (x16)	
1.3 Diesel	188 A9.000	4 69.60	51/70	DOHC	03→	CAM711 I CAM712 E				
	199 A2.000		55/75	DOHC						
	199 A3.000		66/90	DOHC						
1.7 Diesel	176 A5.000	4 82.60	52/71	SOHC	94→99	CAM417			FOL104 (x8)	Mechanical
	176 B3.000		42/57	SOHC						
1.9 Diesel	188 A2.000	4 82.00	73/99	SOHC	99→	CAM653			FOL104 (x8)	Mechanical
	188 A3.000		44/60	SOHC						
	188 A7.000		73/99	SOHC						
1.9 Diesel	188 B2.000	4 82.00	74/100	SOHC	03→	CAM654			FOL104 (x8)	Mechanical
Punto Van										
1.3 Diesel	188 A9.000	4 69.60	51/70	DOHC	03→05	CAM711 I CAM712 E				
1.7 Diesel	176 A5.000	4 82.60	52/71	SOHC	96→00	CAM417			FOL104 (x8)	Mechanical
	176 B3.000		42/57	SOHC						
1.9 Diesel	188 A3.000	4 82.00	44/60	SOHC	00→	CAM653			FOL104 (x8)	Mechanical
	188 A7.000		73/99	SOHC						
Qubo										
1.3 Diesel	199 A2.000	4 69.60	55/75	DOHC	08→	CAM711 I CAM712 E				
Regata										
1.5	138 B3.000	4 86.40	55-61/ 75-83	SOHC	83→87	CAM517			FOL104 (x8)	Mechanical
	138 B3.048		55/75	SOHC						
1.7 Diesel	138 B6.000	4 83.00	43/58	SOHC	83→86	CAM632			FOL104 (x8)	Mechanical
1.7 Diesel	149 B3.000	4 82.60	42/57	SOHC	85→89	CAM641			FOL104 (x8)	Mechanical
Regata Weekend										
1.5	138 B3.000	4 86.40	55-61/ 75-83	SOHC	84→89	CAM517			FOL104 (x8)	Mechanical
	138 B3.048		55/75	SOHC						
1.7 Diesel	149 B3.000	4 82.60	42/57	SOHC	84→89	CAM641			FOL104 (x8)	Mechanical
Ritmo										
1.3	138 A1.000	4 86.40	48/65	SOHC	79→83	CAM517			FOL104 (x8)	Mechanical
1.5	138 A4.000	4 86.40	63/86	SOHC	80→89	CAM517			FOL104 (x8)	Mechanical
	138 B3.000		55-61/ 75-83	SOHC						

cc			kW/PS							
Ritmo I										
1.3	138 A1.000	4 86.40	48/65	SOHC	78→82	CAM517			FOL104 (x8)	Mechanical
	138 A3.000		55/75	SOHC						
1.5	138 A2.000	4 86.40	55/75	SOHC	78→82	CAM517			FOL104 (x8)	Mechanical
	138 A4.000		63/86	SOHC						
Ritmo II										
1.5	138 A2.000	4 86.40	55/75	SOHC	83→88	CAM517			FOL104 (x8)	Mechanical
	138 B3.000		55-61/ 75-83	SOHC						
1.7 Diesel	138 B6.000	4 83.00	43/58	SOHC	82→85	CAM632			FOL104 (x8)	Mechanical
1.7 Diesel	149 B3.000	4 82.60	42/57	SOHC	85→87	CAM641			FOL104 (x8)	Mechanical
Scudo										
2.0 Diesel	DW10 (RHX)	4 85.00	69/93	SOHC	99→	CAM679		FOL163 (x8)	FOL154 (x8)	
	DW10 (RHZ)		66/89	SOHC						
Sedici										
1.9 Diesel	D19AA	4 82.00	88/120	SOHC	06→	CAM654			FOL104 (x8)	Mechanical
Siena										
1.2	188 A5.000	4 70.80	59/80	DOHC	01→	CAM713			FOL168 (x16)	
						CAM714				
1.3 Diesel	188 A9.000	4 69.60	51/70	DOHC	03→	CAM711				
						CAM712				
1.4	178 B2.000	4 80.50	51/69	SOHC	96→	CAM719			FOL104 (x8)	Mechanical
1.6	182 B6.000	4 80.50	76/103	DOHC	00→	CAM716			FOL106 (x16)	
						CAM717				
1.9 Diesel	223 A6.000	4 82.00	44/60	SOHC	00→	CAM653			FOL104 (x8)	Mechanical
Stilo										
1.2	188 A5.000	4 70.80	59/80	DOHC	02→	CAM713			FOL168 (x16)	
						CAM714				
1.6	182 B6.000	4 80.50	76/103	DOHC	01→	CAM716			FOL106 (x16)	
						CAM717				
1.9 Diesel	192 A1.000	4 82.00	85/115		01→	CAM654			FOL104 (x8)	Mechanical
	192 A3.000		73/99	SOHC						
	192 A9.000		74/100	SOHC						
	192 A8.000			SOHC						
1.9 Diesel	192 B5.000	4 82.00	66/90	SOHC	04→	CAM653			FOL104 (x8)	Mechanical
Strada										
1.3 Diesel	223 A9.000	4 69.60		DOHC	06→	CAM711				
						CAM712				
1.9 Diesel	188 A2.000	4 82.00	73/99	SOHC	00→	CAM653			FOL104 (x8)	Mechanical
	223 A6.000		44/60	SOHC						
Tempra										
1.4	159 A2.000	4 80.50	53/72	SOHC	91→96	CAM719			FOL104 (x8)	Mechanical
	836 A4.000		51/69	SOHC						
1.6	159 A3.048	4 86.40	61/82	SOHC	90→96	CAM719			FOL104 (x8)	Mechanical
	835 C1.000		55-57/ 75-78	SOHC						

cc										
Tipo										
1.4	159 A2.000/160 A1.000	4 80.50	53/72	SOHC	87→95	CAM719			FOL104 (x8)	Mechanical
	836 A4.000		51/69	SOHC						
1.6	159 A3.048	4 86.40	61/82	SOHC	92→95	CAM719			FOL104 (x8)	Mechanical
	835 C1.000		55-57/ 75-78	SOHC						
Ulysse										
2.0 Diesel	DW10 (RHZ)	4 85.00	66/89	SOHC	99→02	CAM679			FOL163 (x8)	FOL154 (x8)
Uno										
1.3 Diesel	127 A5.000	4 76.00	33/44	SOHC	83→92				FOL104 (x8)	Mechanical
1.7 Diesel	149 B3.000	4 82.60	42/57	SOHC	86→89	CAM641			FOL104 (x8)	Mechanical

cc			kW/PS											
Capri														
1.6	LE	4 87.65	65/88	SOHC	72→74	CAM49	CKS1049 CKS9049	FOL8 (x8)						
Capri II														
1.6	LAC	4 87.65	50/68	SOHC	74→77	CAM52	CKS1052	FOL8 (x8)						
	LCE		53/72	SOHC										
	LEC		65/88	SOHC										
2.0	TL 20 H	4 90.80	72-74/ 98-101	SOHC	74→77	CAM49	CKS1049 CKS9049	FOL8 (x8)						
Capri III														
1.6	LCN	4 87.65	54/73	SOHC	78→87	CAM52	CKS1052	FOL8 (x8)						
2.0	NEN	4 90.80	73/100	SOHC	78→85	CAM49	CKS1049 CKS9049	FOL8 (x8)						
	TL 20 H		72-74/ 98-101	SOHC										
C-MAX														
1.6 Diesel	G8DA/G8DB	4 75.00	80/109	DOHC	07→	CAM746		FOL184 (x16)	FOL152 (x16)					
	HHDA		66/89	DOHC		CAM747								
Cortina														
1.6	LCJ	4 87.65	53-54/ 72-73	SOHC	70→72	CAM52	CKS1052	FOL8 (x8)						
Courier														
1.4	FHA	4 76.00	66/90	DOHC	96→99	CAM909			FOL105 (x16)				Mechanical	
Escort '81														
1.1	GLB	4 73.94	37/50	CVH	81→86	CAM185	CKS2185		FOL15 (x8)					
1.3	JPA	4 79.96	51/69	CVH	81→86	CAM185	CKS2185		FOL15 (x8)					
Escort '86														
1.1	GSG	4 73.94	37/50	OHV	86→90	CAM382	CKS9382		FOL85 (x8)				Mechanical	
1.3	JBA	4 73.94	46/63	HCS	86→90	CAM383			FOL85 (x8)				Mechanical	
	JBB		44/60	HCS										
1.3	JLA/JLB	4 73.94	44/60	OHV	86→90				FOL85 (x8)				Mechanical	
1.4	F6B/F6D/FUC	4 77.24	55/75	CVH	86→90	CAM185	CKS2185		FOL15 (x8)					
1.8 Diesel	RTA/RTB	4 82.50	44/60	SOHC	88→90	CAM376			FOL151 (x8)				Mechanical	
Escort '91														
1.3	JBD	4 73.94	46/63	HCS	90→94	CAM383			FOL85 (x8)				Mechanical	
1.4	F6F/F6G	4 77.24	52/71	CVH	90→94	CAM185	CKS2185		FOL15 (x8)					
1.8 Diesel	RTH	4 82.50	44/60	SOHC	90→94	CAM376			FOL151 (x8)				Mechanical	
Escort '95														
1.8 Diesel	RTF/RTH	4 82.50	44/60	SOHC	95→	CAM376			FOL151 (x8)				Mechanical	
1.8 Diesel	RVA	4 82.50	51/70	SOHC	95→01	CAM376 →07/98			FOL151 (x8)				Mechanical	

cc												
Escort Classic												
1.6	L1E	4 76.00	66/90	DOHC	98→00	CAM755					FOL123 (x16)	
1.8 Diesel	RFD/RFK	4 82.50	66/89	SOHC	98→00	CAM376					FOL151 (x8)	Mechanical
Escort II												
1.6	LC	4 80.98	62/84	SOHC	74→80	CAM49	CKS1049	CKS9049	FOL8 (x8)			
2.0	NE	4 90.80	77/105	SOHC	75→80	CAM49	CKS1049	CKS9049	FOL8 (x8)			
Escort III												
1.1	GLB	4 73.94	37/50	CVH	80→83	CAM185	CKS2185				FOL15 (x8)	
	GMA		40/54	CVH								
	GPA		43/58	CVH								
1.1	GSE	4 73.94	37/50	CVH	83→85						FOL85 (x8)	Mechanical
1.3	JPA	4 79.96	51/69	CVH	80→85	CAM185	CKS2185				FOL15 (x8)	
1.6	L4B	4 79.96	66/90	CVH	81→86	CAM186	CKS2186				FOL15 (x8)	
	LNA		97/132	SOHC								
	LR1		77/105	CVH								
	LRA		66/77/	CVH								
	LJC		90/105	CVH								
		80.00	81/110	CVH								
1.6	LP1/LPA	4 79.96	58/79	CVH	80→85	CAM185	CKS2185				FOL15 (x8)	
Escort IV												
1.1	GSG	4 73.94	37/50	OHV	85→90	CAM382	CKS9382				FOL85 (x8)	Mechanical
1.3	JBA	4 73.94	46/63	HCS	86→90	CAM383					FOL85 (x8)	Mechanical
	JBB		44/60	HCS								
1.3	JLA/JLB	4 73.94	44/60	OHV	86→90						FOL85 (x8)	Mechanical
1.4	F6B/F6D/FUA	4 77.24	55/75	CVH	85→90	CAM185	CKS2185				FOL15 (x8)	
	FUAA		51/69	CVH								
	FUC		55/75	CVH								
1.6	L4B	4 79.96	66/90	CVH	86→90	CAM186	CKS2186				FOL15 (x8)	
	LNB		97/132	SOHC								
	LR2/LRB		77/105	CVH								
1.6	LJB	4 79.96	75/102	CVH	87→90	CAM186 CAM903	CKS2186				FOL15 (x8)	
					08/89→							
1.6	LP2	4 79.96	58/79	CVH	86→90	CAM185	CKS2185				FOL15 (x8)	
	LUG		66/88	CVH								
1.8 Diesel	RTA/RTB	4 82.50	44/60	SOHC	89→90	CAM376					FOL151 (x8)	Mechanical

cc			kW/PS								
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Escort V

1.3	J4B / BL13	4 73.94	44/60	HCS	90→92	CAM804			FOL85 (x8)	Mechanical
1.3	J6A	4 73.94	44/60	HCS	90→92	CAM383			FOL85 (x8)	Mechanical
1.4	F6F/F6G	4 77.24	52/71	CVH	90→92	CAM185	CKS2185		FOL15 (x8)	
1.6	LJF	4 79.96	75-81/ 102-110	CVH	90→92	CAM186 CAM903 08/89→	CKS2186		FOL15 (x8)	
1.6	LUJ/LUK	4 79.96	66/90	CVH	90→92	CAM185	CKS2185		FOL15 (x8)	
1.8	RDA	4 80.60	77/105	DOHC	92→92	CAM756			FOL123 (x16)	
	ROB		96/131	DOHC						
1.8 Diesel	RTE/RTF/RTH	4 82.50	44/60	SOHC	90→92	CAM376			FOL151 (x8)	Mechanical

Escort VI

1.3	J4B / BL13	4 73.94	44/60	HCS	92→95	CAM804			FOL85 (x8)	Mechanical
1.3	J6A	4 73.94	44/60	HCS	92→95	CAM383			FOL85 (x8)	Mechanical
1.4	F6F/F6G	4 77.24	52/71	CVH	92→95	CAM185	CKS2185		FOL15 (x8)	
	FUH		55/75	CVH						
1.6	L1E	4 76.00	66/90	DOHC	92→95	CAM755 CAM756			FOL123 (x16)	
	L1H		65/88	DOHC						
1.8	RDA	4 80.60	77/105	DOHC	92→95	CAM756			FOL123 (x16)	
	ROB		96/131	DOHC						
1.8 Diesel	RFD/RFK/RFS	4 82.50	66/89	SOHC	92→95	CAM376			FOL151 (x8)	Mechanical
	RTE/RTF/RTH		44/60	SOHC						

Escort VII

1.3	J4B / BL13	4 73.94	44/60	HCS	95→99	CAM804			FOL85 (x8)	Mechanical
1.3	J6A	4 73.94	44/60	HCS	95→99	CAM383			FOL85 (x8)	Mechanical
1.4	FUH	4 77.24	55/75	CVH	95→99	CAM185	CKS2185		FOL15 (x8)	
1.6	L1E	4 76.00	66/90	DOHC	95→99	CAM755 CAM756			FOL123 (x16)	
	L1H		65/88	DOHC						
1.8	RDA	4 80.60	77/105	DOHC	95→00	CAM756			FOL123 (x16)	
	RKC		85/115	DOHC						
	ROB		96/131	DOHC						
1.8 Diesel	RFD/RFK	4 82.50	66/89	SOHC	95→99	CAM376			FOL151 (x8)	Mechanical
	RTE/RTF/RTH		44/60	SOHC						

1.8 Diesel	RVA	4 82.50	51/70	SOHC	95→99	CAM376 →07/98			FOL151 (x8)	Mechanical
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cc										
Fiesta I										
0.9	TKA	4 73.94	29/40	OHV	76→83				FOL85 (x8)	Mechanical
	TLA		33/45	OHV						
1.0	TKA	4 73.94	29/40	OHV	77→86				FOL85 (x8)	Mechanical
1.1	GLA	4 73.94	39/53	OHV	76→83				FOL85 (x8)	Mechanical
	GLW		40/54	OHV						
1.3	J3E	4 80.98	49/66	OHV	77→83				FOL85 (x8)	Mechanical
1.6	L3E	4 80.98	62/84	OHV	81→83				FOL48 (x8)	Mechanical
Fiesta II										
1.0	TKB	4 73.94	33/45	OHV	83→89				FOL85 (x8)	Mechanical
1.1	GLC	4 73.94	37/50	OHV	83→89				FOL85 (x8)	Mechanical
	GSH		36/49	OHV						
1.3	JPC	4 79.96	51/69	CVH	83→87	CAM185	CKS2185		FOL15 (x8)	
1.4	F6A	4 77.24	52-54/ 71-73	CVH	83→89	CAM185	CKS2185		FOL15 (x8)	
	F6C		52/71	CVH						
	FUB		55/75	CVH						
	FUBA		51/69	SOHC						
	FUD		54/73	CVH						
1.6 Diesel	LTB	4 80.00	40/54	SOHC	84→89				FOL151 (x8)	Mechanical
1.6	LUD	4 79.96	70/95	CVH	84→89	CAM186	CKS2186		FOL15 (x8)	
Fiesta III										
1.0	TLB	4 68.70	33/45	HCS	89→95	CAM382	CKS9382		FOL85 (x8)	Mechanical
1.1	G6A	4 68.70	37/50	HCS	89→95	CAM382	CKS9382		FOL85 (x8)	Mechanical
	GUD/GUE		40/55	HCS						
1.3	J6B	4 73.94	44/60	HCS	91→97	CAM383 →08/97			FOL85 (x8)	Mechanical
1.3	JBC	4 73.94	44/46/ 60/63	HCS	89→92	CAM383			FOL85 (x8)	Mechanical
1.4	F6E	4 77.24	52/71	CVH	89→95	CAM185	CKS2185		FOL15 (x8)	
	FUG/FUJ		55/75	CVH						
1.6	L1G	4 76.00	66/90	DOHC	94→95	CAM755			FOL123 (x16)	
						CAM756				
1.6	LJC	4 80.00	81/110	CVH	89→94	CAM186	CKS2186		FOL15 (x8)	
1.6	LJD	4 79.96	75-81/ 102-110	CVH	89→93	CAM186 CAM903 08/89→	CKS2186		FOL15 (x8)	
1.8	RDB	4 80.60	77/105	DOHC	92→95	CAM756			FOL123 (x16)	
1.8 Diesel	RFL	4 82.50	55/75	SOHC	89→96	CAM376			FOL151 (x8)	Mechanical
	RTC/RTD/RTG		44/60	SOHC						

cc			kW/PS								
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Fiesta IV											
1.3	J4C	4	44/60	OHV	95→	CAM804				FOL85 (x8)	Mechanical
	JJA	73.94	37/50	OHV							
	J4J/J4L/J4Q/J4R/J4T	74.00	44/60	OHV							
	JJC/JJE/Endura E/JJJ/JJK/JJM		37/50	OHV							
1.4	FHA/FHE	4	66/90	DOHC	96→02	CAM909				FOL105 (x16)	Mechanical
		76.00									
1.8 Diesel	RTJ	4	44/60	SOHC	95→	CAM376				FOL151 (x8)	Mechanical
		82.50				→07/98					
1.8 Diesel	RTK	4	44/60	SOHC	95→	CAM376				FOL151 (x8)	Mechanical
		82.50									
1.8 Diesel	RTP	4	55/75	SOHC	00→	CAM902				FOL151 (x8)	Mechanical
		82.50									

Fiesta V											
1.3	A9JA/A9JB	4	51/69	SOHC	01→	CAM906					
	BAJA	74.00	44/60	SOHC							
1.3	FUJA/FUJB	4	55/75		02→	CAM908				FOL105 (x16)	Mechanical
	M7JA/M7JB	71.90	51/70			CAM909					
1.4 Diesel	F6JA / DV4TD/F6JB	4	50/68	SOHC	01→	CAM726				FOL154 (x8)	
		73.70									
1.6 Diesel	HHJA/HHJB	4	66/89	DOHC	04→	CAM746		FOL184 (x16)	FOL152 (x16)		
		75.00				CAM747					

Fiesta VI											
1.6 Diesel	HHJC/HHJE	4	66/90	DOHC	08→	CAM746		FOL184 (x16)			
		75.00				CAM747					
1.6 Diesel	HHJD	4	66/90	DOHC	08→	CAM746		FOL184 (x16)	FOL152 (x16)		
	HHJF	75.00	55/75	DOHC		CAM747					
1.6 Diesel	TZJA	4	70-/95-	DOHC	10→			FOL184 (x16)			
		75									

Focus											
1.8 Diesel	BHDB	4	55/75	SOHC	98→04	CAM902				FOL151 (x8)	Mechanical
	C9DB/C9DC	82.50	66/90	SOHC							
	F9DA		74/100	SOHC							
	F9DB/FFDA		85/115	SOHC							

Focus C-Max											
1.6 Diesel	G8DA/G8DB	4	80/109	DOHC	03→07	CAM746		FOL184 (x16)	FOL152 (x16)		
	HHDA	75.00	66/89	DOHC		CAM747					
1.6	HXDA	4	85/115	DOHC	04→07			FOL184 (x16)			
		79.00									

Focus II											
1.6 Diesel	G8DA/G8DB	4	80/109	DOHC	04→	CAM746		FOL184 (x16)	FOL152 (x16)		
	HHDA	75.00	66/89	DOHC		CAM747					
1.6	HXDA	4	85/115	DOHC	04→			FOL184 (x16)			
		79.00									

cc												
Fusion												
1.3	FUJA/FUJB	4 71.90	55/75		04→	CAM908 CAM909					FOL105 (x16)	Mechanical
1.4 Diesel	F6JA / DV4TD/F6JB	4 73.70	50/68	SOHC	02→	CAM726					FOL154 (x8)	
1.6 Diesel	HHJA/HHJB	4 75.00	66/89	DOHC	04→	CAM746 CAM747		FOL184 (x16)		FOL152 (x16)		
Galaxy												
1.9 Diesel	1Z	4 79.50	66/90	SOHC	95→	CAM441					FOL92 (x8)	
	AFN		81/110	SOHC								
	AHU		66/89	SOHC								
1.9 Diesel	ANU	4 79.50	66/89	SOHC	95→	CAM672					FOL175 (x8)	
	ASZ		96/131	SOHC								
	AUY		85/116	SOHC								
	BTB		110/150	SOHC								
2.8	AAA	6 81.00	128/174	SOHC	95→00						FOL92 (x12)	
Granada												
1.6	LCK	4 87.65	55/75	SOHC	81→85	CAM52	CKS1052	FOL8 (x8)				
2.0	TL 20 LC	4 87.70	64/87	SOHC	76→79	CAM49	CKS1049 CKS9049	FOL8 (x8)				
Ka												
1.3	A9A/A9B	4 74.00	51/70	SOHC	02→	CAM906						
1.3	BAA/J4D/Endura E/J4K/J4M/J4N/J4P/J4S	4 74.00	44/60	OHV	96→	CAM804					FOL85 (x8)	Mechanical
	JJB/Endura E		37/50	OHV								
Mondeo I												
1.6	L1F	4 76.00	66/90	DOHC	93→96	CAM755 CAM756					FOL123 (x16)	
	L1J		65/88	DOHC								
1.8 Diesel	RFM	4 82.50	65/88	SOHC	93→96	CAM376					FOL151 (x8)	Mechanical
1.8 Diesel	RFN	4 82.50	65/88	SOHC	93→96	CAM376 →07/98					FOL151 (x8)	Mechanical
Mondeo II												
1.6	L1J	4 76.00	65/88	DOHC	96→00	CAM755 CAM756					FOL123 (x16)	
	L1L		70/95	DOHC								
1.8 Diesel	RFN	4 82.50	65/88	SOHC	96→00	CAM376 →07/98					FOL151 (x8)	Mechanical
Orion I												
1.3	JPA	4 79.96	51/69	CVH	83→86	CAM185	CKS2185				FOL15 (x8)	
1.6	LP1/LPA	4 79.96	58/79	CVH	83→86	CAM185	CKS2185				FOL15 (x8)	
1.6	LR1	4 79.96	77/105	CVH	83→86	CAM186	CKS2186				FOL15 (x8)	
	LRA		66/77/ 90/105	CVH								










cc			kW/PS								
Orion II											
1.3	JBB	4 73.94	44/60	HCS	85→90	CAM383				FOL85 (x8)	Mechanical
1.3	JLA/JLB	4 73.94	44/60	OHV	85→90					FOL85 (x8)	Mechanical
1.4	F6B/F6D/FUA	4 77.24	55/75	CVH	85→90	CAM185	CKS2185			FOL15 (x8)	
	FUA		51/69	CVH							
	FUC		55/75	CVH							
1.6	L4B	4 79.96	66/90	CVH	86→90	CAM186	CKS2186			FOL15 (x8)	
	LRB		77/105	CVH							
1.6	LJB	4 79.96	75/102	CVH	89→90	CAM186 CAM903 08/89→	CKS2186			FOL15 (x8)	
1.6	LUC	4 79.96	66/90	CVH	85→90	CAM185	CKS2185			FOL15 (x8)	
1.8 Diesel	RTA/RTB	4 82.50	44/60	SOHC	89→90	CAM376				FOL151 (x8)	Mechanical
Orion III											
1.3	J4B / BL13	4 73.94	44/60	HCS	90→93	CAM804				FOL85 (x8)	Mechanical
1.3	J6A	4 73.94	44/60	HCS	90→93	CAM383				FOL85 (x8)	Mechanical
1.4	F6F/F6G	4 77.24	52/71	CVH	90→93	CAM185	CKS2185			FOL15 (x8)	
	FUH		55/75	CVH							
1.6	L1E	4 76.00	66/90	DOHC	92→93	CAM755				FOL123 (x16)	
						CAM756					
1.6	LJF	4 79.96	75-81/ 102-110	CVH	90→92	CAM903				FOL15 (x8)	
1.6	LUJ/LUK	4 79.96	66/90	CVH	90→92	CAM185	CKS2185			FOL15 (x8)	
1.8	RDA	4 80.60	77/105	DOHC	92→93	CAM756				FOL123 (x16)	
	ROB		96/131	DOHC							
1.8 Diesel	RFD/RFK	4 82.50	66/89	SOHC	90→93	CAM376				FOL151 (x8)	Mechanical
	RTE/RTF/RTH		44/60	SOHC							
P 100 I											
1.6	LCR	4 87.65	54/73	SOHC	82→87	CAM52	CKS1052	FOL8 (x8)			
P 100 II											
1.8 Diesel	RFA	4 82.50	55/75	SOHC	87→92	CAM376 08/90→				FOL151 (x8)	Mechanical
Scorpio I											
1.8	REC	4 86.20	66/89	SOHC	85→92	CAM49	CKS1049 CKS9049	FOL8 (x8)			
2.0	N8D/NEL	4 90.80	77/105	SOHC	85→94	CAM49	CKS1049 CKS9049	FOL8 (x8)			
	NRA		85/115	SOHC							
	NRC		74/100	SOHC							
		90.83									
	NRI	90.80	85/115	SOHC							

cc											
Sierra											
1.3	JCT	4 79.00	44/60	SOHC	82→86	CAM52	CKS1052	FOL8 (x8)			
1.6	L6B	4 79.96	59/80	CVH	89→93	CAM186	CKS2186			FOL15 (x8)	
1.6	LCS/LCT/LSD/LSE	4 81.30	55/75	SOHC	82→93	CAM52	CKS1052	FOL8 (x8)			
1.8	REB/RED/REF	4 86.20	66/89	SOHC	84→89	CAM49	CKS1049 CKS9049	FOL8 (x8)			
1.8 Diesel	RFA/RFB	4 82.50	55/75	SOHC	88→93	CAM376 08/90→				FOL151 (x8)	Mechanical
1.8 Diesel	RFL	4 82.50	55/75	SOHC	88→93	CAM376				FOL151 (x8)	Mechanical
2.0	N4A	4 90.80	85/115	SOHC	82→93	CAM49	CKS1049 CKS9049	FOL8 (x8)			
	N4B		74/100	SOHC							
	N4I		85/115	SOHC							
	NE5/NEJ		74/100	SOHC							
	NES/NET		77/105	SOHC							
	NR2/NRB		85/115	SOHC							
	NRD		74/100	SOHC							
Street Ka											
1.6	CDRA/CDRB	4 82.00	70/95	SOHC	03→05	CAM905			FOL182 (x8)	FOL181 (x8)	
Taurus											
1.6	LAD	4 87.68	50-51/ 68-70	SOHC	74→82	CAM49	CKS1049 CKS9049	FOL8 (x8)			
	LAR	87.65	51/69	SOHC							
	LE		65/88	SOHC							
1.6	LCJ	4 87.65	53-54/ 72-73	SOHC	70→82	CAM52	CKS1052	FOL8 (x8)			
2.0	TL 20 LC	4 87.70	64/87	SOHC	73→82	CAM49	CKS1049 CKS9049	FOL8 (x8)			
	NEG	90.80	72/98	SOHC							
	NER		77/105	SOHC							
	TL 20 H		72-74/ 98-101	SOHC							
Transit											
1.6	B	4 87.65	46/63	SOHC	77→92	CAM52	CKS1052	FOL8 (x8)			
	LAT		46-48/ 63-65	SOHC							
2.0	N6T/NAT	4 90.80	57/77	SOHC	85→92	CAM52	CKS1052	FOL8 (x8)			
	NAV		55-57/ 75-78	SOHC							
2.0	NCA	4 90.80	72/98	SOHC	91→94	CAM49	CKS1049 CKS9049	FOL8 (x8)			
2.4 Diesel	D2FA/D2FB	4 89.90	66/89	DOHC	00→	CAM644					
	D4FA		88/120	DOHC		CAM645					
	F4FA		55/75	DOHC							
2.5 Diesel	4ED	4 93.67	85/116	OHV	97→00	CAM382	CKS9382			FOL85 (x8)	Mechanical

cc			kW/PS							
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City										
1.8 Diesel	XUD7T	4 80.00	58/79	SOHC	97→99	CAM444			FOL73 (x8)	Mechanical

Concerto										
1.8 Diesel	XUD7T	4 80.00	58/79	SOHC	94→96	CAM444			FOL73 (x8)	Mechanical

cc		 Ø	kW/PS				 KIT			
Galloper										
2.5 Diesel	4D56T	4	62-70/ 84-95	SOHC	91→98	CAM390				
91.10										

cc			kW/PS								
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Daily I											
2798 Diesel	8140.63.	4	62/84	SOHC	98→	CAM718					
		94.40									

Daily II											
2798 Diesel	8140.63.	4	62/84	SOHC	99→	CAM718					
		94.40									

cc		 Ø	kW/PS				 KIT			
Niva										
1.9 Diesel	XUD9A	4	47-52/ 64-71	SOHC	93→	CAM354	CKS2354		FOL73 (x8)	Mechanical Pulley driven vacuum pump.

cc			kW/PS							
Dedra										
1.6	835 C1.000	4 86.40	55/75	SOHC	93→99	CAM719			FOL104 (x8)	Mechanical
Delta II										
1.6	835 C1.000	4 86.40	55/75	SOHC	93→99	CAM719			FOL104 (x8)	Mechanical
Kappa										
2.4 Diesel	838 A3.000/838 A7.000 838 A8.000	5 82.00	91/124 100/136	SOHC SOHC	94→01	CAM652			FOL104 (x16)	Mechanical
Lybra										
1.9 Diesel	AR 32302	4 82.00		SOHC	99→00	CAM651			FOL104 (x8)	Mechanical
1.9 Diesel	937 A2.000 AR 37101	4 82.00	85/116 85-80/ 116-109	SOHC SOHC	00→	CAM654			FOL104 (x8)	Mechanical
2.4 Diesel	839 A5.000 839 A6.000 AR 32501	5 82.00	99-96/ 135-131 103/140 100-99/ 136-135	SOHC SOHC	99→	CAM652			FOL104 (x16)	Mechanical
Musa										
1.3 Diesel	188 A9.000 199 A3.000	4 69.60	51/70 66/90	DOHC DOHC	04→	CAM711 CAM712				
1.9 Diesel	188 B2.000	4 82.00		SOHC	04→	CAM654			FOL104 (x8)	Mechanical
Y										
1.2	188 A5.000	4 70.80	59/80	DOHC	00→03	CAM713 CAM714			FOL168 (x16)	
1.4	840 A2.000/840 A4.000	4 82.00	58/79	SOHC	96→03	CAM648	CKS2648 CKS3648	FOL101 (x12)	FOL100 (x12)	
Ypsilon										
1.2	188 A5.000	4 70.80	59/80	DOHC	03→	CAM713 CAM714			FOL168 (x16)	
1.3 Diesel	188 A9.000 199 A3.000 199 A2.000	4 69.60	51/70 66/90	DOHC DOHC DOHC	03→	CAM711 CAM712				
Zeta										
2.0 Diesel	DW10ATED (RHZ)	4 85.00	66/89	SOHC	00→02	CAM679		FOL163 (x8)	FOL154 (x8)	

cc			kW/PS								
2											
1.3	FUJA	4 71.90	55/75		03→	CAM908				FOL105 (x16)	Mechanical
1.4 Diesel	F6JA/F6JB	4 73.70	50/68	SOHC	03→	CAM726				FOL154 (x8)	
3											
1.6 Diesel	Y601	4 75.00	80-81/ 109-110	DOHC	04→					FOL184 (x16)	
DEMIO											
1.2	FUJA	4 71.90	55/75		03→	CAM908				FOL105 (x16)	Mechanical

cc			kW/PS								
190 (W201)											
1.8	M 102.910	4	77/80/ 89.00	105/109	SOHC	90→93	CAM377	CKS9377		FOL82 (x8)	
2.0	M 102.924/M 102.961/M 102.962	4	62/93/ 89.00	84/126	SOHC	82→93	CAM633 →12/84 CAM377 01/85→	CKS9377 01/85→		FOL82 (x8)	
2.0 Diesel	OM 601.911	4	53-55/72 87.00			83→93	CAM627			FOL84 (x8)	
2.3	M 102.985	4	92/100/ 95.50	125/136	SOHC	82→93	CAM377	CKS9377		FOL82 (x8)	
2.5 Diesel	OM 602.911 OM 602.961	5	66-69/ 87.00	90-94 90-93/ 122-126	SOHC SOHC	85→93	CAM414			FOL84 (x10)	
2.6	M 103.942 (KAT)	6	117/159 82.90		SOHC	82→93	CAM408			FOL82 (x12)	

C-Class

1.8	M 111.920	4	85.30	90/122	DOHC	93→00	CAM693			FOL147 (x16)	
	M 111.921			90/122	SOHC						
2.0	M 111.941	4	89.90	100/136	DOHC	94→02	CAM693			FOL147 (x16)	
	M 111.944			132-141/ 180-192	DOHC						
	M 111.945			100/136	DOHC						
	M 111.951/M 111.952			95/129	DOHC						
	M 111.955/M 111.956			120/163	DOHC						
2.2	M 111.961	4	89.90	110/150	DOHC	93→00	CAM694			FOL147 (x16)	
2.3	M 111.975	4	90.90	142/193	DOHC	95→00	CAM694			FOL147 (x16)	
2.5 Diesel	OM 605.910	5	87.00	83/113	DOHC	93→00	CAM661				
							CAM663				
2.5 Diesel	OM 605.960	5	87.00	110/150	SOHC	95→01	CAM662				
							CAM663				
2.8	M 104.941	6	89.90	142/193	DOHC	93→00	CAM659			FOL147 (x24)	
							CAM683				
3.6	M 104.941 (AMG 3.6)	6	91.00	206/280	DOHC	94→00	CAM659			FOL147 (x24)	
							CAM683				

CLK (A208)

2.0	M 111.941	4	89.90	100/136	DOHC	98→02	CAM693			FOL147 (x16)	
	M 111.944			132-141/ 180-192	DOHC						
	M 111.945			100/136	DOHC						
	M 111.956			120/163	DOHC						
2.3	M 111.975	4	90.90	142/193	DOHC	98→00	CAM694			FOL147 (x16)	
2.3	M 111.982	4	90.90	142/193	DOHC	00→02	CAM693			FOL147 (x16)	
							CAM694				

CLK (C208)

2.0	M 111.941	4	89.90	100/136	DOHC	97→02	CAM693			FOL147 (x16)	
	M 111.944			132-141/ 180-192	DOHC						
	M 111.945			100/136	DOHC						
	M 111.956			120/163	DOHC						
2.3	M 111.975	4	90.90	142/193	DOHC	97→00	CAM694			FOL147 (x16)	

cc													
... CLK (C208)													
2.3	M 111.982	4 90.90	142/193	DOHC	00→02	CAM693						FOL147 (x16)	
Coupe (C123)													
2.3	M 102.980	4 95.50	100/136	SOHC	80→85	CAM633						FOL82 (x8)	
Coupe (C124)													
2.2	M 111.960	4 89.90	110/150	DOHC	92→93	CAM694						FOL147 (x16)	
2.3	M 102.982	4 95.50	97-100/ 132-136	SOHC	87→92	CAM377	CKS9377					FOL82 (x8)	
3.0	M 103.983	6 88.50	132/140/ 180/190	SOHC	87→93	CAM408						FOL82 (x12)	
3.0	M 104.980	6 88.50	162/170/ 220/231	DOHC	89→92	CAM659 CAM683						FOL124 (x24) Eng: →008693 FOL147 (x24) Eng: 008694→	
3.2	M 104.992	6 89.90	162/220	DOHC	92→93	CAM659 CAM683						FOL124 (x24) Eng: →000024 FOL147 (x24) Eng: 000025→	
E-Class													
2.0	M 102.920 M 102.939	4 89.00	66/77/ 90/105 62/93/ 84/126	SOHC SOHC	80→85	CAM633						FOL82 (x8)	
2.0	M 102.922/M 102.962/M 102.963	4 89.00	62/93/ 84/126	SOHC	85→92	CAM633 →12/84 CAM377 01/85→	CKS9377 01/85→					FOL82 (x8)	
2.0	M 111.940	4 89.90	100/136	DOHC	92→93	CAM693 CAM694						FOL147 (x16)	
2.0 Diesel	OM 601.912	4 87.00	53-55/72		85→91	CAM627						FOL84 (x8)	
2.2	M 111.960	4 89.90	110/150	DOHC	92→93	CAM694						FOL147 (x16)	
2.3	M 102.980	4 95.50	100/136	SOHC	80→85	CAM633						FOL82 (x8)	
2.3	M 102.982	4 95.50	97-100/ 132-136	SOHC	85→92	CAM377	CKS9377					FOL82 (x8)	
2.5 Diesel	OM 602.912	5 87.00	66-69/ 90-94	SOHC	85→93	CAM414						FOL84 (x10)	
2.6	M 103.940	6 82.90	117/159	SOHC	85→92	CAM408						FOL82 (x12)	
2.8	M 104.942	6 89.90	142-145/ 193-197	DOHC	92→93	CAM659 CAM683						FOL124 (x24) Eng: →000018 FOL147 (x24) Eng: 000019→	
3.0	M 103.983/M 103.985	6 88.50	132/140/ 180/190	SOHC	86→93	CAM408						FOL82 (x12)	
3.0	M 104.980	6 88.50	162/170/ 220/231	DOHC	89→93	CAM659 CAM683						FOL124 (x24) Eng: →008693 FOL147 (x24) Eng: 008694→	
3.0 Diesel	OM 603.912	6 87.00	80/83/ 109/113	SOHC	86→93							FOL84 (x12)	
3.2	M 104.992	6 89.90	162/220	DOHC	92→93	CAM659 CAM683						FOL124 (x24) Eng: →000024 FOL147 (x24) Eng: 000025→	










cc			kW/PS								
E-Class (A124)											
2.0	M 111.940	4	100/136	DOHC	93→98	CAM693				FOL147 (x16)	
		89.90				CAM694					
2.2	M 111.960	4	110/150	DOHC	93→98	CAM694				FOL147 (x16)	
		89.90									
3.2	M 104.992/M 104.995	6	162/220	DOHC	93→98	CAM659				FOL124 (x24)	
		89.90				CAM683				Eng: →000024	
										FOL147 (x24)	
										Eng: 000025→	
3.6	M 104.992 (AMG 3.6)	6	195-200/ 91.00 265-272	DOHC	94→98	CAM659				FOL124 (x24)	
						CAM683				Eng: →000024	
										FOL147 (x24)	
										Eng: 000025→	
E-Class (C124)											
2.0	M 111.940	4	100/136	DOHC	93→97	CAM693				FOL147 (x16)	
		89.90				CAM694					
2.2	M 111.960	4	110/150	DOHC	93→97	CAM694				FOL147 (x16)	
		89.90									
3.2	M 104.992	6	162/220	DOHC	93→97	CAM659				FOL124 (x24)	
		89.90				CAM683				Eng: →000024	
										FOL147 (x24)	
										Eng: 000025→	
3.6	M 104.992 (AMG 3.6)	6	195-200/ 91.00 265-272	DOHC	93→97	CAM659				FOL124 (x24)	
						CAM683				Eng: →000024	
										FOL147 (x24)	
										Eng: 000025→	
E-Class (S124)											
2.0	M 111.940/M 111.942	4	100/136	DOHC	93→03	CAM693				FOL147 (x16)	
		89.90				CAM694					
	M 111.947		137/186	DOHC							
	M 111.957		120/163	DOHC							
2.2	M 111.960	4	110/150	DOHC	93→96	CAM694				FOL147 (x16)	
		89.90									
2.5 Diesel	OM 602A.962	5	93/126	SOHC	93→96	CAM414				FOL84 (x10)	
		87.00									
2.5 Diesel	OM 605.911	5	83/113	DOHC	93→96	CAM661					
		87.00				CAM663					
2.5 Diesel	OM 605.912	5	83/113	DOHC	96→99	CAM662					
		87.00				CAM663					
	OM 605.962		110/150	DOHC							
2.8	M 104.942	6	142-145/ 89.90 193-197	DOHC	93→96	CAM659				FOL124 (x24)	
						CAM683				Eng: →000018	
										FOL147 (x24)	
										Eng: 000019→	
2.9 Diesel	OM 602.982	5	95/129	SOHC	96→99					FOL84 (x10)	
		89.00									
3.0	M 103.985	6	132/140/ 88.50 180/190	SOHC	93→96	CAM408				FOL82 (x12)	
3.0	M 104.980	6	162/170/ 88.50 220/231	DOHC	93→96	CAM659				FOL124 (x24)	
						CAM683				Eng: →008693	
										FOL147 (x24)	
										Eng: 008694→	
3.2	M 104.992	6	162/220	DOHC	93→96	CAM659				FOL124 (x24)	
		89.90				CAM683				Eng: →000024	
										FOL147 (x24)	
										Eng: 000025→	
3.6	M 104.992 (AMG 3.6)	6	195-200/ 91.00 265-272	DOHC	94→96	CAM659				FOL124 (x24)	
						CAM683				Eng: →000024	
										FOL147 (x24)	
										Eng: 000025→	

cc													
E-Class (W123)													
2.0	M 102.920	4	66/77/89.00	SOHC	80→85	CAM633						FOL82 (x8)	
	M 102.939		62/93/84/126	SOHC									
2.3	M 102.980	4	100/136/95.50	SOHC	80→85	CAM633						FOL82 (x8)	
E-Class (W124)													
2.0	M 102.922/M 102.963	4	62/93/89.00	SOHC	85→92	CAM633 →12/84 CAM377 01/85→	CKS9377 01/85→					FOL82 (x8)	
2.0	M 111.940	4	100/136/89.90	DOHC	92→95	CAM693 II CAM694 E						FOL147 (x16)	
2.0 Diesel	OM 601.912	4	53-55/72/87.00		84→95	CAM627						FOL84 (x8)	
2.2	M 111.960	4	110/150/89.90	DOHC	92→95	CAM694 E						FOL147 (x16)	
2.3	M 102.982	4	97-100/95.50	SOHC	84→93	CAM377	CKS9377					FOL82 (x8)	
2.5 Diesel	OM 602.912	5	66-69/87.00	SOHC	85→95	CAM414						FOL84 (x10)	
	OM 602A.962		90-94/93/126	SOHC									
2.5 Diesel	OM 605.911	5	83/113/87.00	DOHC	93→95	CAM661 II CAM663 E							
2.6	M 103.940	6	117/159/82.90	SOHC	85→92	CAM408						FOL82 (x12)	
	M 103.943		118/160	SOHC									
2.8	M 104.942	6	142-145/89.90	DOHC	92→95	CAM659 II CAM683 E						FOL124 (x24) Eng: →000018 FOL147 (x24) Eng: 000019→	
3.0	M 103.980/M 103.983/M 103.985	6	132/140/88.50	SOHC	85→95	CAM408						FOL82 (x12)	
3.0	M 104.980	6	162/170/88.50	DOHC	88→92	CAM659 II CAM683 E						FOL124 (x24) Eng: →008693 FOL147 (x24) Eng: 008694→	
3.0 Diesel	OM 603.912/OM 603.913	6	80/83/87.00	SOHC	84→93							FOL84 (x12)	
3.2	M 104.992	6	162/220/89.90	DOHC	92→95	CAM659 II CAM683 E						FOL124 (x24) Eng: →000024 FOL147 (x24) Eng: 000025→	
E-Class (W210)													
2.0	M 111.942	4	100/136/89.90	DOHC	95→02	CAM693 II CAM694 E						FOL147 (x16)	
	M 111.947		137/186	DOHC									
	M 111.957		120/163	DOHC									
2.5 Diesel	OM 605.912	5	83/113/87.00	DOHC	95→99	CAM662 II CAM663 E							
	OM 605.962		110/150	DOHC									
2.8	M 104.945	6	142/193/89.90	DOHC	96→97	CAM659 II CAM683 E						FOL147 (x24)	
2.9 Diesel	OM 602.982	5	95/129/89.00	SOHC	96→99							FOL84 (x10)	
3.2	M 104.995	6	162/220/89.90	DOHC	95→97	CAM659 II CAM683 E						FOL124 (x24) Eng: →000024 FOL147 (x24) Eng: 000025→	

cc			kW/PS							
G-Class (W460)										
2.3	M 102.979	4	90/122	SOHC	82→92	CAM377	CKS9377		FOL82 (x8)	
	M 102.987	95.50	90-92/ 122-125	SOHC						
2.3	M 102.981	4	92/125	SOHC	82→92	CAM633			FOL82 (x8)	
		95.50								
2.5 Diesel	OM 602.930	5	62-69/ 87.00	SOHC	87→92	CAM414			FOL84 (x10)	
3.0 Diesel	OM 603.912	6	80/83/ 87.00	SOHC	79→93				FOL84 (x12)	
			109/113							
G-Class (W461)										
2.3	M 102.979	4	90/122	SOHC	93→	CAM377	CKS9377		FOL82 (x8)	
		95.50								
2.5 Diesel	OM 602.939	5	68/92	OHV	90→	CAM414			FOL84 (x10)	
		87.00								
2.9 Diesel	OM 602.942	5	70-72/ 89.00	SOHC	92→	CAM414			FOL84 (x10)	
	OM 602.983		95-98 88/120	SOHC						
G-Class (W463)										
2.5 Diesel	OM 602.931	5	69/93	SOHC	90→	CAM414			FOL84 (x10)	
		87.00								
3.0	M 103.987	6	132/140/ 88.50	SOHC	89→	CAM408			FOL82 (x12)	
			180/190							
3.0 Diesel	OM 603.931	6	80/83/ 87.00	SOHC	89→				FOL84 (x12)	
			109/113							
3.2	M 104.996	6	155/211	DOHC	94→97	CAM659 ■ CAM683 ■			FOL147 (x24)	
		89.90								
Kombi										
2.0	M 102.922	4	62/93/ 89.00	SOHC	92→93	CAM633 →12/84 CAM377 01/85→	CKS9377 01/85→		FOL82 (x8)	
2.5 Diesel	OM 602A.962	5	93/126	SOHC	88→93	CAM414			FOL84 (x10)	
		87.00								
2.5 Diesel	OM 605.911	5	83/113	DOHC	92→93	CAM661 ■ CAM663 ■				
		87.00								
O 100 City										
2874 Diesel	OM 602.940	5	70-72/ 89.00		94→	CAM414			FOL84 (x10)	
			95/98							
Saloon										
2.0	M 102.922	4	62/93/ 89.00	SOHC	92→93	CAM633 →12/84 CAM377 01/85→	CKS9377 01/85→		FOL82 (x8)	
			84/126							
S-Class										
2.5	M 103.941	6	117/159	SOHC	85→91	CAM408			FOL82 (x12)	
		82.90								
2.8	M 104.944	6	142-145/ 89.90	DOHC	93→98	CAM659 ■ CAM683 ■			FOL147 (x24)	
			193-197							
3.0	M 103.981 (KAT)	6	132/140/ 88.50	SOHC	85→91	CAM408			FOL82 (x12)	
			180/190							
3.2	M 104.990	6	170/231	DOHC	91→98	CAM659 ■ CAM683 ■			FOL124 (x24) Eng: →000024 FOL147 (x24) Eng: 000025→	
		89.90								

cc											
... S-Class											
3.2	M 104.994	6 89.90	170/231	DOHC	91→98	CAM659 CAM683				FOL124 Eng: →000129 FOL147 Eng: 000130→ FOL124 Eng: →000024 FOL147 Eng: 000025→	Automatic Transmission Automatic Transmission Manual Transmission Manual Transmission
3.8	M 116.961	8 88.00	120-160/ 163-218	SOHC	85→86				FOL148 (x16)	FOL144 (x16)	
3.8	M 116.963	8 88.00	150/204	SOHC	79→85	CAM637 CAM638			FOL148 (x16)	FOL144 (x16)	
5.5	M 117.968 (KAT)	8 96.50	178-220/ 242-300	SOHC	85→91	CAM628 CAM629			FOL148 (x16)	FOL144 (x16)	
SL											
2.8	M 104.943	6 89.90	142-150/ 193-204	DOHC	93→01	CAM659 CAM683				FOL147 (x24)	
3.0	M 103.982/ M 103.984	6 88.50	132/140/ 180/190	SOHC	85→93	CAM408				FOL82 (x12)	
3.0	M 104.981	6 88.50	162/170/ 220/231	DOHC	89→93	CAM659 CAM683				FOL124 (x24) Eng: →008693 FOL147 (x24) Eng: 008694→	
3.2	M 104.991	6 89.90	170/231	DOHC	93→01	CAM659 CAM683				FOL147 (x24)	
3.8	M 116.962	8 88.00	150/204	SOHC	80→85				FOL148 (x16)	FOL144 (x16)	
SLK											
2.0	M 111.943 M 111.946 M 111.958	4 89.90	132-141/ 180-192 100/136 120/163	DOHC DOHC DOHC	96→04	CAM693 CAM694				FOL147 (x16)	
Sprinter 2-t											
2.3 Diesel	OM 601.943	4 89.00	58/79	SOHC	95→00	CAM627				FOL84 (x8)	
2.9 Diesel	OM 602.980	5 89.00	75-90/ 102-122	SOHC	95→00	CAM414				FOL84 (x10)	
Sprinter 3-t											
2.3 Diesel	OM 601.943	4 89.00	58/79	SOHC	95→00	CAM627				FOL84 (x8)	
2.9 Diesel	OM 602.980	5 89.00	75-90/ 102-122	SOHC	95→02	CAM414				FOL84 (x10)	
Sprinter 4-t											
2.3 Diesel	OM 601.943	4 89.00	58/79	SOHC	96→06	CAM627				FOL84 (x8)	
2.9 Diesel	OM 602.980	5 89.00	75-90/ 102-122	SOHC	96→06	CAM414				FOL84 (x10)	

cc			kW/PS									
T1 (601)												
2.3	M 102.942/M 102.946	4 95.50	70/95	SOHC	77→96	CAM633 →12/84 CAM377 01/85→	CKS9377 01/85→			FOL82 (x8)		
2.3	M 102.945	4 95.50	77/105	SOHC	89→96	CAM377	CKS9377			FOL82 (x8)		
2.3 Diesel	OM 601.940	4 89.00	58-60/ 79-82	SOHC	88→96	CAM627				FOL84 (x8)		
2.9 Diesel	OM 602.940	5 89.00	70-72/ 9598		88→96	CAM414				FOL84 (x10)		
T1 (602)												
2.3 Diesel	OM 601.940	4 89.00	58-60/ 79-82	SOHC	88→96	CAM627				FOL84 (x8)		
2.9 Diesel	OM 602.940	5 89.00	70-72/ 9598		89→96	CAM414				FOL84 (x10)		
T1/TN												
2298	M 102.942	4 95.50	70/95	SOHC	82→95	CAM633 →12/84 CAM377 01/85→	CKS9377 01/85→			FOL82 (x8)		
2298	M 102.945	4 95.50	77/105	SOHC	82→95	CAM377	CKS9377			FOL82 (x8)		
2299 Diesel	OM 601.940	4 89.00	58-60/ 79-82	SOHC	88→95	CAM627				FOL84 (x8)		
2874 Diesel	OM 602.940	5 89.00	70-72/ 9598		88→95	CAM414				FOL84 (x10)		
T2/LN1												
2299	M 102.946	4 95.50	70/95	SOHC	86→94	CAM633 →12/84 CAM377 01/85→	CKS9377 01/85→			FOL82 (x8)		
2299 Diesel	OM 601.941	4 89.00	58-60/ 79-82		89→94	CAM627				FOL84 (x8)		
Unimog												
2874 Diesel	OM 602.941 OM 602.948	5 89.00	65-70/ 88-95 71/96	SOHC SOHC	92→	CAM414				FOL84 (x10)		
V-Class												
2.0	M 111.948	4 89.90	95/129	DOHC	97→03	CAM693 CAM694				FOL147 (x8)		
2.3 Diesel	OM 601A.970	4 89.00	72/98		96→03	CAM627				FOL84 (x8)		
2.8	M 104.900	6 89.90	128/174	SOHC	97→03					FOL92 (x12)		
Vito												
2.0	M 111.948	4 89.90	95/129	DOHC	96→03	CAM693 CAM694				FOL147 (x8)		
2.3 Diesel	OM 601.942 OM 601A.970	4 89.00	58/79 72/98	SOHC	96→03	CAM627				FOL84 (x8)		

cc		 Ø	kW/PS		 12		 KIT			 i
Mini										
1.6 Diesel	9HZ (DV6TED4)	4 75.00	80/109	DOHC	07→	CAM746 I CAM747 E		FOL184 (x16)		
Mini Clubman										
1.6 Diesel	9HZ (DV6TED4)	4 75.00	80/109	DOHC	07→	CAM746 I CAM747 E		FOL184 (x16)		

cc			kW/PS							
Canter										
2.5 Diesel	4 D 56	4 91.10	51-54/ 69-73	SOHC	92→03	CAM389				
Galant II										
2.3 Diesel	4 D 55 T	4 91.10	49/67	SOHC	80→84	CAM389				
L200										
2.5 Diesel	4 D 56	4 91.10	51-54/ 69-73	SOHC	86→	CAM389				
	4D56		51-85/ 69-116	SOHC						
2.5 Diesel	4 D 56 T	4 91.10	63/85	SOHC	90→	CAM390				
2.5 Diesel	4 D 56 TD	4 91.10	73/99	SOHC	96→	CAM734				
L300										
2.5 Diesel	4 D 56	4 91.10	51-54/ 69-73	SOHC	86→	CAM389				
2.5 Diesel	4 D 56 T	4 91.10	63/85	SOHC	87→	CAM390				
L400										
2.5 Diesel	4 D 56 T	4 91.10	63/85	SOHC	96→	CAM390				
Pajero										
2.5 Diesel	4 D 56 T	4 91.10	63/85	SOHC	86→	CAM390				
Pajero I										
2.3 Diesel	4 D 55 T	4 91.10	49/67	SOHC	82→86	CAM389				
2.5 Diesel	4 D 56 T	4 91.10	63/85	SOHC	86→91	CAM390				
Pajero II										
2.5 Diesel	4 D 56 TD	4 91.10	73/99	SOHC	90→00	CAM734				
Shogun III										
2.5 Diesel	4 D 56 T	4 91.10	63/85	SOHC	00→	CAM390				
Space Gear										
2.5 Diesel	4 D 56 T	4 91.10	63/85	SOHC	95→00	CAM390				
2.5 Diesel	4 D 56 TD	4 91.10	73/99	SOHC	95→00	CAM734				
Triton										
2.5 Diesel	4 D 56	4 91.10	51-54/ 69-73	SOHC	86→96	CAM389				
2.5 Diesel	4 D 56 T	4 91.10	63/85	SOHC	90→96	CAM390				

cc										
Almera II										
1.5 Diesel	K9K 722	4 76.00	60/82	SOHC	03→	CAM736			FOL103 (x16)	
Interstar										
1.9 Diesel	F9Q 772	4 80.00	60/82	SOHC	02→	CAM706				
Kubistar										
1.5 Diesel	K9K 722	4 76.00	60/82	SOHC	03→	CAM736			FOL103 (x16)	
1.6	K4M 752	4 79.50	70/95	DOHC	03→	CAM727 II CAM728 IE			FOL103 (x16)	
Micra										
1.5 Diesel	K9K 722	4 76.00	60/82	SOHC	03→	CAM736			FOL103 (x16)	
1.5 Diesel	TD15 (TUD5)	4 77.00	42/57		98→03	CAM461			FOL126 (x8)	Mechanical
Primastar										
1.9 Diesel	F9Q 760	4 80.00	74/101	SOHC	01→	CAM706				
	F9Q 762		60/82	SOHC						

cc			kW/PS											
Agila														
1.0	Z 10 XE	3	43/58	DOHC	00→	CAM809		FOL183 (x12)	FOL102 (x12)					
	Z 10 XEP	3	44/60	DOHC										
		72.50												
		73.40												
1.2	Z 12 XE	4	55/75	DOHC	00→	CAM907		FOL183 (x16)	FOL102 (x16)					
	Z 12 XEP	4	59/80	DOHC										
		72.50												
		73.40												
Antara														
2.4	Z 24 XED	4	104/141	DOHC	06→	CAM462 CAM463			FOL107 (x8)					
		87.50												
Arena														
1.9 Diesel	F8Q 600/F8Q 606	4	44/60	SOHC	98→01	CAM664			FOL180 (x8)					
		80.00												
2.5 Diesel	S8U 758	4	55-58/ 75-79	SOHC	98→01	CAM718								
	S8U 780/S8U 782	4	55/75	SOHC										
		93.00												
Ascona A														
1.6	16 S	4	55/75	CIH	70→75				FOL3 (x8)				Mechanical	
	16 S	85.00	59/80	CIH										
Ascona B														
1.3	13 N	4	39-44/ 53-60	SOHC	79→81	CAM366		FOL40 (x8)	FOL38 (x8) TTP1 (x8)					
	13 S	4	42-55/ 57-75	SOHC	79→81	CAM316	CKS2316 CKS3316 CKS4316	FOL40 (x8)	FOL38 (x8) TTP1 (x8)					
		75.00												
1.6	16 S	4	55/75	CIH	75→81				FOL3 (x8)				Mechanical	
		85.00												
2.0	20 E	4	81/110	CIH	77→81	CAM326			FOL5 (x8)					
	20 N	4	56-66/ 76-90	CIH										
	20 S	95.00	74/100	CIH										
Ascona C														
1.3	13 N	4	39-44/ 53-60	SOHC	81→86	CAM366		FOL40 (x8)	FOL38 (x8) TTP1 (x8)					
	13 S	4	42-55/ 57-75	SOHC	81→88	CAM316	CKS2316 CKS3316 CKS4316	FOL40 (x8)	FOL38 (x8) TTP1 (x8)					
		75.00												
1.6 Diesel	16 D	4	40/54	SOHC	82→88	CAM341	CKS2341 CKS4341	FOL40 (x8)	FOL38 (x8) TTP1 (x8)					
		80.00												
1.6 Diesel	16 DA	4	40/54	SOHC	82→88	CAM341 Eng: →14498630 CAM364 Eng: 14498631→	CKS2341 Eng: →14498630 CKS4341 Eng: →14498630 CKS2364 Eng: 14498631→ CKS3364 Eng: 14498631→ CKS4364 Eng: 14498631→	FOL40 (x8)	FOL38 (x8) TTP1 (x8)					
		80.00												
1.6	16 N	4	55/75	SOHC	81→88	CAM317	CKS2317 CKS3317 CKS4317	FOL40 (x8)	FOL38 (x8) TTP1 (x8)					
	16 SH	4	66/89	SOHC										
		80.00												

cc											
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... Ascona C

1.6	16 SV C 16 NZ/E 16 NZ C 16 LZ	4 79.00	60/82 55/75 55-/75- 80	SOHC SOHC SOHC/ OHC	86→88	CAM359	CKS2359 CKS3359 CKS4359	FOL40 (x8)	FOL38 (x8) TTP1 (x8)
1.8	18 E	4 84.80	82-85/ 112-115	SOHC	82→86			FOL40 (x8)	FOL38 (x8) TTP1 (x8)
1.8	E 18 NV	4 84.80	62/84	SOHC	87→88	CAM402		FOL40 (x8)	FOL38 (x8) TTP1 (x8)
2.0	20 E	4 95.00	81/110	CIH	81→83	CAM326			FOL5 (x8)
2.0	20 NE/C 20 NE	4 86.00	85/115	SOHC	86→88	CAM361	CKS2361 CKS4361	FOL40 (x8)	FOL38 (x8) TTP1 (x8)
2.0	20 SEH	4 86.00	95/129	SOHC	87→88	CAM429		FOL40 (x8)	FOL38 (x8) TTP1 (x8)

Astra F

1.2	X 12 XE	4 72.50	48/65	DOHC	98→00			FOL183 (x16)	FOL102 (x16)
1.4	14 NV	4 77.60	53-55/ 72-75	SOHC	91→93	CAM365	CKS2365 CKS3365 CKS4365	FOL40 (x8)	FOL38 (x8) TTP1 (x8)
1.4	C 14 NZ	4 77.60	44/60	SOHC	91→98	CAM369	CKS2369 CKS4369	FOL40 (x8)	FOL38 (x8) TTP1 (x8)
1.4	C 14 SE	4 77.60	60/82	SOHC	92→01	CAM451	CKS2451	FOL40 (x8)	FOL38 (x8) TTP1 (x8)
1.4	X 14 XE	4 77.60	66/89	DOHC	96→01	CAM456 CAM457			FOL107 (x16)
1.4	Z 14 XEP	4 73.40	66/89	DOHC	03→05	CAM907		FOL183 (x16)	FOL102 (x16)
1.6	C 16 NZ	4 79.00	55/75	SOHC	91→98	CAM359	CKS2359 CKS3359 CKS4359	FOL40 (x8)	FOL38 (x8) TTP1 (x8)
1.6	C 16 SE X 16 SZ	4 79.00	74/100 52/71	SOHC SOHC	92→96			FOL40 (x8)	FOL38 (x8) TTP1 (x8)
1.6	X 16 SZR	4 79.00	55/75	SOHC	91→05	CAM735		FOL40 (x8)	FOL38 (x8) TTP1 (x8)
1.6	X 16 XEL	4 79.00	74/78/ 100/106	DOHC	94→05	CAM456 CAM457			FOL107 (x16)
1.7 Diesel	17 D 17 DR X 17 DTL	4 82.50	42/57 42-44/ 57-60 50/68	SOHC SOHC SOHC	91→00	CAM364	CKS2364 CKS3364 CKS4364	FOL40 (x8)	FOL38 (x8) TTP1 (x8)
1.7 Diesel	17 DT (TC4EE1)/X 17 DT (TC4EE1)	4 79.00	60/81	SOHC	91→98	CAM452			
1.8	18 SE	4 84.80	82-85/ 112-116	SOHC	91→93			FOL40 (x8)	FOL38 (x8) TTP1 (x8)
1.8	C 18 NZ	4 84.80	66/90	SOHC	91→98	CAM361	CKS2361 CKS4361	FOL40 (x8)	FOL38 (x8) TTP1 (x8)
1.8	C 18 XE C 18 XEL	4 81.60	92/125 85/115	DOHC DOHC	93→01	CAM462 CAM463			FOL107 (x16)
2.0	C 20 NE	4 86.00	85/115	SOHC	91→98	CAM361	CKS2361 CKS4361	FOL40 (x8)	FOL38 (x8) TTP1 (x8)

cc			kW/PS								
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... Astra F											
2.0 Diesel	X 20 DTH	4	74/100	SOHC	98→00	CAM650				FOL107 (x16)	
	X 20 DTL	84.00	60/81	SOHC							
2.0	X 20 XEV	4	100/136	DOHC	95→00	CAM462 ■■ CAM463 ■■				FOL107 (x16)	
		86.00									

Astra F Van											
1.4	C 14 NZ	4	44/60	SOHC	91→99	CAM369	CKS2369 CKS4369	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
		77.60									
1.6	C 16 NZ	4	55/75	SOHC	91→93	CAM359	CKS2359 CKS3359 CKS4359	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
		79.00									
1.6	X 16 SZ	4	52/71	SOHC	93→96			FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
		79.00									
1.7 Diesel	17 D	4	42/57	SOHC	91→99	CAM364	CKS2364 CKS3364 CKS4364	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
	17 DR	82.50	42-44/ 57-60	SOHC							
	X 17 DTL		50/68	SOHC							

Astra G											
1.0	Z 10 XEP	3	44/60	DOHC	03→04	CAM809 ■■		FOL183 (x12)	FOL102 (x12)		
		73.40									
1.2	X 12 XE	4	48/65	DOHC	98→00			FOL183 (x16)	FOL102 (x16)		
		72.50									
1.2	Z 12 XE	4	55/75	DOHC	00→05	CAM907 ■■		FOL183 (x16)	FOL102 (x16)		
		72.50									
1.4	X 14 XE/Z 14 XE	4	66/89	DOHC	98→05	CAM456 ■■ CAM457 ■■			FOL107 (x16)		
		77.60									
1.4	Z 14 XEP	4	66/89	DOHC	03→05	CAM907 ■■		FOL183 (x16)	FOL102 (x16)		
		73.40									
1.6	X 16 SZR	4	55/75	SOHC	98→05	CAM735		FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
	Z 16 SE	79.00	62/84	SOHC							
1.6	X 16 XEL	4	74/78/ 100/106	DOHC	98→05	CAM456 ■■ CAM457 ■■			FOL107 (x16)		
	Z 16 XE	79.00	74/100	DOHC							
1.7 Diesel	X 17 DTL	4	50/68	SOHC	98→05	CAM364	CKS2364 CKS3364 CKS4364	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
		82.50									
1.7 Diesel	Y 17 DT	4	55/75	DOHC	00→05	CAM724 ■■ CAM725 ■■			FOL178 (x16)		
	Z 17 DTL	79.00	59/80	DOHC							
2.0 Diesel	X 20 DTH	4	74/100	SOHC	98→05	CAM650			FOL107 (x16)		
	X 20 DTL	84.00	60/81	SOHC							
	Y 20 DTH		74/100	SOHC							
	Y 20 DTL		60/81	SOHC							
2.0	X 20 XEV	4	100/136	DOHC	98→05	CAM462 ■■ CAM463 ■■			FOL107 (x16)		
		86.00									
2.2 Diesel	Y 22 DTR	4	92/125	SOHC	02→05	CAM650			FOL107 (x16)		
		84.00									

Astra H											
1.2	X 12 XE	4	48/65	DOHC	06→			FOL183 (x16)	FOL102 (x16)		
		72.50									
1.2	Z 12 XEP	4	59/80	DOHC	05→	CAM907 ■■		FOL183 (x16)	FOL102 (x16)		
		73.40									
1.4	Z 14 XEL	4	59/80	DOHC	04→04			FOL183 (x16)			
		77.00									
1.4	Z 14 XEP	4	66/89	DOHC	04→	CAM907 ■■		FOL183 (x16)	FOL102 (x16)		
		73.40									

cc												
... Astra H												
1.6	Z 16 LET	4 79.00	132/180	DOHC	07→	CAM456					FOL107 (x16)	
1.7 Diesel	Z 17 DTH	4 79.00	74/100	DOHC	04→	CAM724 CAM725					FOL178 (x16)	
	Z 17 DTL		59/80	DOHC								
Astra J												
1.4	A 14 NET	4 72.5	103-/140-	DOHC	09→						FOL183 (x16)	FOL102 (x16)
	A 14 XEL		64-/87-	DOHC								
	A 14 XER	73.4	74-/101-	DOHC								
Astravan												
1.4	Z 14 XEP	4 73.40	66/89	DOHC	05→	CAM907					FOL183 (x16)	FOL102 (x16)
Calibra												
2.0	C 20 NE	4 86.00	85/115	SOHC	90→97	CAM361	CKS2361 CKS4361		FOL40 (x8)		FOL38 (x8) TTP1 (x8)	
2.0	X 20 XEV	4 86.00	100/136	DOHC	94→97	CAM462 CAM463					FOL107 (x16)	
Combo												
1.2	C 12 NZ	4 72.00	33/45	SOHC	94→01	CAM453	CKS2453		FOL40 (x8)		FOL38 (x8) TTP1 (x8)	
1.2	X 12 SZ	4 72.00	33/45	SOHC	94→01				FOL40 (x8)		FOL38 (x8) TTP1 (x8)	
1.4	C 14 NZ	4 77.60	44/60	SOHC	94→01	CAM369	CKS2369 CKS4369		FOL40 (x8)		FOL38 (x8) TTP1 (x8)	
1.4	C 14 SE	4 77.60	60/82	SOHC	94→01	CAM451	CKS2451		FOL40 (x8)		FOL38 (x8) TTP1 (x8)	
1.4	X 14 XE	4 77.60	66/89	DOHC	99→01	CAM456 CAM457					FOL107 (x16)	
1.4	Z 14 XEP	4 73.40	66/89	DOHC	04→	CAM907				FOL183 (x16)	FOL102 (x16)	
1.6	Z 16 SE	4 79.00	62/84	SOHC	01→	CAM735			FOL40 (x8)		FOL38 (x8) TTP1 (x8)	
1.7 Diesel	17 D (4EE1)/X 17 D (4EE1)	4 79.00	44/60	SOHC	94→01	CAM452						
1.7 Diesel	Y 17 DT	4 79.00	55/75	DOHC	01→	CAM724 CAM725					FOL178 (x16)	
	Y 17 DTL		48/65	DOHC								
	Z 17 DTH		74/100	DOHC								
Corsa A												
1.2	12 NV	4 77.8	38-/52-		82→93	CAM559	CKS2559 CKS4559		FOL40 (x8)		FOL38 (x8) TTP1 (x8)	
	12 ST	77.80	40-43/ 55-58	SOHC								
1.2	C 12 NZ	4 72.00	33/45	SOHC	89→93	CAM453	CKS2453		FOL40 (x8)		FOL38 (x8) TTP1 (x8)	
1.3	13 NB	4 75.00	44/60	SOHC	82→89	CAM366			FOL40 (x8)		FOL38 (x8) TTP1 (x8)	
	13 SB		51/70	SOHC								
1.3	13 S	4 75.00	42-55/ 57-75	SOHC	82→93	CAM316	CKS2316 CKS3316 CKS4316		FOL40 (x8)		FOL38 (x8) TTP1 (x8)	
1.4	14 NV	4 77.60	53-55/ 72-75	SOHC	89→93	CAM365	CKS2365 CKS3365 CKS4365		FOL40 (x8)		FOL38 (x8) TTP1 (x8)	

cc			kW/PS											
... Corsa A														
1.4	C 14 NZ	4	44/60	SOHC	89→93	CAM369	CKS2369 CKS4369	FOL40 (x8)	FOL38 (x8) TTP1 (x8)					
1.4	C 14 SE	4	60/82	SOHC	91→93	CAM451	CKS2451	FOL40 (x8)	FOL38 (x8) TTP1 (x8)					
1.5 Diesel	15 D (4EC1) 15 DT (T4EC1)	4	37/50 49-53/ 67-72	SOHC SOHC	87→93	CAM452								
1.6	C 16 NZ	4	55/75	SOHC	88→92	CAM359	CKS2359 CKS3359 CKS4359	FOL40 (x8)	FOL38 (x8) TTP1 (x8)					
1.6	C 16 SE	4	74/100	SOHC	92→93			FOL40 (x8)	FOL38 (x8) TTP1 (x8)					
1.6	E 16 SE	4	74/100	SOHC	88→92	CAM368	CKS3368	FOL40	FOL38 TTP1					
Corsa B														
1.0	X 10 XE	3	40/54	DOHC	96→00	CAM809		FOL183 (x12)	FOL102 (x12)					
1.2	12 NZ	4	33/45	SOHC	93→00	CAM453	CKS2453	FOL40 (x8)	FOL38 (x8)					
1.2	C 12 NZ	4	33/45	SOHC	93→00	CAM453	CKS2453	FOL40 (x8)	FOL38 (x8) TTP1 (x8)					
1.2	X 12 SZ	4	33/45	SOHC	93→00			FOL40 (x8)	FOL38 (x8) TTP1 (x8)					
1.2	X 12 XE	4	48/65	DOHC	98→00			FOL183 (x16)	FOL102 (x16)					
1.4	C 14 NZ	4	44/60	SOHC	93→00	CAM369	CKS2369 CKS4369	FOL40 (x8)	FOL38 (x8) TTP1 (x8)					
1.4	C 14 SE	4	60/82	SOHC	93→00	CAM451	CKS2451	FOL40 (x8)	FOL38 (x8) TTP1 (x8)					
1.4	C 14 SEL	4	63/86	DOHC	97→00	CAM456			FOL107 (x16)					
1.4	X 14 XE	4	66/89	DOHC	94→00	CAM456 CAM457			FOL107 (x16)					
1.5 Diesel	15 D (4EC1) 15 DT (T4EC1)	4	37/50 49-53/ 67-72	SOHC SOHC	93→00	CAM452								
1.6	C 16 SEL	4	78/106	DOHC	97→00	CAM456			FOL107 (x16)					
1.6	C 16 XE	4	80/109	DOHC	93→00	CAM456 CAM457			FOL107 (x16)					
1.6	X 16 XE	4	78/106	DOHC										
1.7 Diesel	17 D (4EE1)/X 17 D (4EE1)	4	44/60	SOHC	96→00	CAM452								
Corsa B Box														
1.7 Diesel	Y 17 DT	4	55/75	DOHC	01→	CAM724 CAM725			FOL178 (x16)					
Corsa C														
1.0	Z 10 XE	3	43/58	DOHC	00→	CAM809		FOL183 (x12)	FOL102 (x12)					
	Z 10 XEP		44/60	DOHC										
1.2	Z 12 XE	4	55/75	DOHC	00→	CAM907		FOL183 (x16)	FOL102 (x16)					
	Z 12 XEP		59/80	DOHC										
1.4	Z 14 XE	4	66/89	DOHC	00→	CAM456 CAM457			FOL107 (x16)					

cc										
		Ø	KW/PS				KIT			
... Corsa C										
1.4	Z 14 XEP	4	66/89	DOHC	03→	CAM907		FOL183 (x16)	FOL102 (x16)	
		73.40								
1.7 Diesel	Y 17 DT	4	55/75	DOHC	00→	CAM724			FOL178 (x16)	
	Y 17 DTL	79.00	48/65	DOHC		CAM725				
	Z 17 DTH		74/100	DOHC						
Corsa Classic										
1.4	C 14 NZ	4	44/60	SOHC	94→02	CAM369	CKS2369	FOL40 (x8)	FOL38 (x8)	
		77.60					CKS4369		TTP1 (x8)	
Corsa D										
1.0	Z 10 XEP	3	44/60	DOHC	06→	CAM809		FOL183 (x12)	FOL102 (x12)	
		73.40								
1.2	Z 12 XEP	4	59/80	DOHC	06→	CAM907		FOL183 (x16)	FOL102 (x16)	
		73.40								
1.4	A 14 XEL	4	64-/87-	DOHC	09→			FOL183 (x16)	FOL102 (x16)	
	A 14 XER	73.4	74-/101-	DOHC						
1.4	Z 14 XEP	4	66/89	DOHC	06→	CAM907		FOL183 (x16)	FOL102 (x16)	
		73.40								
Frontera A										
2.0	C 20 NE	4	85/115	SOHC	92→98	CAM361	CKS2361	FOL40 (x8)	FOL38 (x8)	
		86.00					CKS4361		TTP1 (x8)	
2.2	X 22 XE	4	100/136	DOHC	95→98	CAM462			FOL107 (x16)	
		86.00				CAM463				
Frontera B										
2.2 Diesel	X 22 DTH	4	85/115	SOHC	98→	CAM650			FOL107 (x16)	
	Y 22 DTH	84.00	85/88/ 92/115/ 120/125	SOHC						
2.2	Y 22 SE	4	100/136	DOHC	98→	CAM462			FOL107 (x16)	
		86.00				CAM463				
Kadett C										
1.6	16 S	4	55/75	CIH	77→79				FOL3 (x8)	Mechanical
		85.00								
2.0	20 E	4	81/110	CIH	77→79	CAM326			FOL5 (x8)	
		95.00								
Kadett D										
1.2	12 ST	4	40-43/	SOHC	82→84	CAM559	CKS2559	FOL40 (x8)	FOL38 (x8)	
		77.80					CKS4559		TTP1 (x8)	
1.3	13 N	4	39-44/ 53-60	SOHC	79→84	CAM366		FOL40 (x8)	FOL38 (x8)	
		75.00							TTP1 (x8)	
1.3	13 S	4	42-55/ 57-75	SOHC	79→84	CAM316	CKS2316	FOL40 (x8)	FOL38 (x8)	
		75.00					CKS3316 CKS4316		TTP1 (x8)	
1.6 Diesel	16 D	4	40/54	SOHC	82→84	CAM341	CKS2341	FOL40 (x8)	FOL38 (x8)	
		80.00					CKS4341		TTP1 (x8)	
1.6	16 SH	4	66/89	SOHC	81→84	CAM317	CKS2317	FOL40 (x8)	FOL38 (x8)	
		80.00					CKS3317 CKS4317		TTP1 (x8)	
1.8	18 E	4	82-85/ 112-115	SOHC	83→84			FOL40 (x8)	FOL38 (x8)	
		84.80							TTP1 (x8)	

cc			kW/PS											
Kadett E														
1.3	13 N	4	39-44/ 75.00	SOHC	84→91	CAM366					FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
	13 NB			SOHC										
1.3	13 S	4	42-55/ 75.00	SOHC	84→93	CAM316	CKS2316 CKS3316 CKS4316				FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.4	14 NV	4	53-55/ 77.60	SOHC	89→93	CAM365	CKS2365 CKS3365 CKS4365				FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.4	C 14 NZ	4	44/60 77.60	SOHC	90→94	CAM369	CKS2369 CKS4369				FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.4	C 14 SE	4	60/82 77.60	SOHC	89→91	CAM451	CKS2451				FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.5 Diesel	15 DT (T4EC1)	4	49-53/ 76.00	SOHC	88→91	CAM452								
1.6 Diesel	16 D	4	40/54 80.00	SOHC	84→89	CAM341	CKS2341 CKS4341				FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.6 Diesel	16 DA	4	40/54 80.00	SOHC	84→89	CAM341 Eng: →14498630 CAM364 Eng: 14498631→	CKS2341 Eng: →14498630 CKS4341 Eng: →14498630 CKS2364 Eng: 14498631→ CKS3364 Eng: 14498631→ CKS4364 Eng: 14498631→				FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.6	16 SH	4	66/89 80.00	SOHC	84→86	CAM317	CKS2317 CKS3317 CKS4317				FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.6	16 SV	4	60/82 79.00	SOHC	86→94	CAM359	CKS2359 CKS3359 CKS4359				FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
	C 16 NZ/E 16 NZ C 16 LZ		55/75 80	SOHC/ SOHC/ DHC										
1.7 Diesel	17 D	4	42/57 82.50	SOHC	88→94	CAM364	CKS2364 CKS3364 CKS4364				FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
	17 DR		42-44/ 57-60	SOHC										
1.8	18 E	4	82-85/ 84.80	SOHC	84→90						FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.8	C 18 NZ	4	66/90 84.80	SOHC	85→91	CAM361	CKS2361 CKS4361				FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.8	E 18 NV	4	62/84 84.80	SOHC	87→91	CAM402					FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
2.0	20 NE/C 20 NE	4	85/115 86.00	SOHC	86→93	CAM361	CKS2361 CKS4361				FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
2.0	20 SEH	4	95/129 86.00	SOHC	86→91	CAM429					FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
Manta A														
1.6	16 S	4	55/75 85.00	CIH	70→75							FOL3 (x8)	Mechanical	
	16 S		59/80	CIH										

cc													
		Ø	KW/PS					KIT					i
Manta B													
1.3	13 N	4	39-44/ 75.00	SOHC	79→80	CAM366			FOL40 (x8)	FOL38 (x8)	TTP1 (x8)		
1.3	13 S	4	42-55/ 75.00	SOHC	79→86	CAM316	CKS2316 CKS3316 CKS4316		FOL40 (x8)	FOL38 (x8)	TTP1 (x8)		
1.6	16 S	4	55/75 85.00	CIH	75→81					FOL3 (x8)		Mechanical	
1.8	18 S	4	65-66/ 84.80	SOHC	82→87	CAM367	CKS2367 CKS4367		FOL40 (x8)	FOL38 (x8)	TTP1 (x8)		
2.0	20 E	4	81/110 95.00	CIH	77→88	CAM326				FOL5 (x8)			
	20 N		56-66/ 76-90	CIH									
	20 S		74/100	CIH									
Meriva													
1.4	A 14 NEL	4	88-120- 72.5	DOHC	10→				FOL183 (x16)	FOL102 (x16)			
	A 14 NET		103-140-	DOHC									
	A 14 XER		74-101- 73.4	DOHC									
1.4	Z 14 XEP	4	66/89 73.40	DOHC	04→	CAM907 E			FOL183 (x16)	FOL102 (x16)			
1.6	Z 16 LET	4	132/180 79.00	DOHC	05→	CAM456 I				FOL107 (x16)			
1.6	Z 16 SE	4	62/84 79.00	SOHC	03→	CAM735			FOL40 (x8)	FOL38 (x8)	TTP1 (x8)		
1.6	Z 16 XE	4	74/100 79.00	DOHC	03→	CAM456 I CAM457 E				FOL107 (x16)			
1.7 Diesel	Y 17 DT	4	55/75 79.00	DOHC	03→	CAM724 I CAM725 E				FOL178 (x16)			
	Z 17 DTH		74/100	DOHC									
Movano													
1.9 Diesel	F9Q 770	4	59/80 80.00	SOHC	00→	CAM706							
	F9Q 774		60/81	SOHC									
2.5 Diesel	S8U 770	4	59/80 93.00		98→00	CAM718							
2.8 Diesel	S9W 702	4	84/114 94.40	SOHC	98→01	CAM681				FOL169 (x8)		Mechanical	
Omega A													
1.8	18 NV	4	60/82 84.80	SOHC	86→94	CAM402			FOL40 (x8)	FOL38 (x8)	TTP1 (x8)		
	E 18 NVR		65-/88- 84.8	SOHC/ OHC									
1.8	18 SEH	4	85/115 84.80	SOHC	86→94	CAM361	CKS2361 CKS4361		FOL40 (x8)	FOL38 (x8)	TTP1 (x8)		
1.8	18 SV	4	66/90 84.80	SOHC	86→94				FOL40 (x8)	FOL38 (x8)	TTP1		
2.0	20 SE	4	85-90/ 86.00	SOHC	86→94	CAM361	CKS2361 CKS4361		FOL40 (x8)	FOL38 (x8)	TTP1 (x8)		
	C 20 NE		115-122 85/115	SOHC									

cc			kW/PS											
Omega B														
2.0	20 SE	4	85-90/115	115-122	SOHC	94→00	CAM361 CKS4361	CKS2361	FOL40 (x8) TTP1 (x8)	FOL38 (x8)				
2.0 Diesel	X 20 DTH	4	74/100		SOHC	97→00	CAM650		FOL107 (x16)					
2.0	X 20 XEV	4	100/136		DOHC	94→99	CAM462 III CAM463 III		FOL107 (x16)					
2.2 Diesel	Y 22 DTH	4	85/88/ 92/115/ 120/125		SOHC	00→03	CAM650		FOL107 (x16)					
2.5 Diesel	25 DT	6	96/131		SOHC	94→03	CAM458		FOL129 (x12)					
	X 25 TD		96/130		SOHC									
	X 25 TD		96/131		SOHC									
Rekord D														
2.0	20 S	4	74/100		CIH	75→77	CAM326		FOL5 (x8)					
		95.00												
Rekord E														
1.8	18 N	4	55/75		SOHC	82→86	CAM367	CKS2367 CKS4367	FOL40 (x8)	FOL38 (x8) TTP1 (x8)				
	18 S		65-66/ 88-90		SOHC									
1.8	C 18 NV	4	74/100		SOHC	85→86			FOL40 (x8)	FOL38 (x8) TTP1 (x8)				
2.0	20 E	4	81/110		CIH	77→86	CAM326		FOL5 (x8)					
	20 N		56-66/ 76-90		CIH									
	20 S		74/100		CIH									
Signum														
2.0 Diesel	Y 20 DTH	4	74/100		SOHC	03→	CAM650		FOL107 (x16)					
		84.00												
2.2 Diesel	Y 22 DTR	4	92/125		SOHC	03→	CAM650		FOL107 (x16)					
		84.00												
Sintra														
2.2 Diesel	X 22 DTH	4	85/115		SOHC	97→99	CAM650		FOL107 (x16)					
		84.00												
2.2	X 22 XE	4	100/136		DOHC	96→99	CAM462 III CAM463 III		FOL107 (x16)					
		86.00												
Tigra														
1.4	X 14 XE	4	66/89		DOHC	94→00	CAM456 III CAM457 III		FOL107 (x16)					
		77.60												
1.6	C 16 SEL	4	78/106		DOHC	97→98	CAM456 III		FOL107 (x16)					
		79.00												
1.6	X 16 XE	4	78/106		DOHC	94→98	CAM456 III CAM457 III		FOL107 (x16)					
		79.00												
Tigra Twin Top														
1.4	Z 14 XEP	4	66/89		DOHC	04→	CAM907 III		FOL183 (x16)	FOL102 (x16)				
		73.40												
Vectra A														
1.4	14 NV	4	53-55/ 72-75		SOHC	88→92	CAM365	CKS2365 CKS3365 CKS4365	FOL40 (x8)	FOL38 (x8) TTP1 (x8)				
1.6	16 SV	4	60/82		SOHC	88→95	CAM359	CKS2359 CKS3359 CKS4359	FOL40 (x8)	FOL38 (x8) TTP1 (x8)				
	C 16 NZ/E 16 NZ		55/75		SOHC									
1.6	X 16 SZ	4	52/71		SOHC	93→95			FOL40 (x8)	FOL38 (x8) TTP1 (x8)				
		79.00												

cc										
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... Vectra A

1.7 Diesel	17 D	4 82.50	42/57	SOHC	88→95	CAM364	CKS2364 CKS3364 CKS4364	FOL40 (x8)	FOL38 (x8) TTP1 (x8)
	17 DR		42-44/ 57-60	SOHC					
1.7 Diesel	17 DT (TC4EE1)/X 17 DT (TC4EE1)	4 79.00	60/81	SOHC	90→95	CAM452			
1.8	18 SV	4 84.80	66/90	SOHC	88→90			FOL40 (x8)	FOL38 (x8) TTP1
1.8	C 18 NZ	4 84.80	66/90	SOHC	90→95	CAM361	CKS2361 CKS4361	FOL40 (x8)	FOL38 (x8) TTP1 (x8)
1.8	E 18 NVR	4 84.8	65-/88-	SOHC/DOHC	88→89	CAM402		FOL40 (x8)	FOL38 (x8) TTP1 (x8)
2.0	20 NE/C 20 NE	4 86.00	85/115	SOHC	88→95	CAM361	CKS2361 CKS4361	FOL40 (x8)	FOL38 (x8) TTP1 (x8)
2.0	20 SEH	4 86.00	95/129	SOHC	88→95	CAM429		FOL40 (x8)	FOL38 (x8) TTP1 (x8)
2.0	X 20 XEV	4 86.00	100/136	DOHC	94→95	CAM462 ■ CAM463 ■			FOL107 (x16)

Vectra B

1.6	16 SV	4 79.00	60/82	SOHC	95→96	CAM359	CKS2359 CKS3359 CKS4359	FOL40 (x8)	FOL38 (x8) TTP1 (x8)
1.6	X 16 SZR	4 79.00	55/75	SOHC	95→03	CAM735		FOL40 (x8)	FOL38 (x8) TTP1 (x8)
1.6	X 16 XEL	4 79.00	74/78/1 00/106	DOHC	95→02	CAM456 ■ CAM457 ■			FOL107 (x16)
	Y 16 XE/Z 16 XE		74/100	DOHC					
1.7 Diesel	X 17 DT (TC4EE1)	4 79.00	60/81	SOHC	95→98	CAM452			
2.0 Diesel	X 20 DTH	4 84.00	74/100	SOHC	96→03	CAM650			FOL107 (x16)
	X 20 DTL		60/81	SOHC					
	Y 20 DTH		74/100	SOHC					
2.0	X 20 XEV	4 86.00	100/136	DOHC	95→00	CAM462 ■ CAM463 ■			FOL107 (x16)
2.2 Diesel	Y 22 DTR	4 84.00	92/125	SOHC	00→03	CAM650			FOL107 (x16)

Vectra C

1.6	Z 16 XE	4 79.00	74/100	DOHC	04→	CAM456 ■ CAM457 ■			FOL107 (x16)
2.0 Diesel	Y 20 DTH	4 84.00	74/100	SOHC	02→	CAM650			FOL107 (x16)
2.2 Diesel	Y 22 DTR	4 84.00	92/125	SOHC	02→	CAM650			FOL107 (x16)

Vivaro

1.9 Diesel	F9Q 760	4 80.00	74/100	SOHC	01→	CAM706			
	F9Q 774		60/81	SOHC					
	F9Q762		59-60/ 80-82	SOHC					

Zafira

1.6	X 16 XEL	4 79.00	74/78/ 100/106	DOHC	99→05	CAM456 ■ CAM457 ■			FOL107 (x16)
	Z 16 XE		74/100	DOHC					
2.0 Diesel	X 20 DTL	4 84.00	60/81	SOHC	99→05	CAM650			FOL107 (x16)
	Y 20 DTH		74/100	SOHC					
2.2 Diesel	Y 22 DTR	4 84.00	92/125	SOHC	02→05	CAM650			FOL107 (x16)

cc			kW/PS											
104														
0.9	XV5	4 70.00	26/35	SOHC	73→83	CAM540	CKS7540	FOL2 (x8)						
1.0	XV8 (108C)	4 70.00	33/45	SOHC	83→88	CAM540	CKS7540	FOL2 (x8)						
1.1	XW3 (109)	4 72.00	33/44	SOHC	73→88	CAM540	CKS7540	FOL2 (x8)						
	XW3S		48/65	SOHC										
	XW3S (121)		49/67	SOHC										
	XW7 (109F)		37/50	SOHC										
1.2	XZ5 (129)	4 75.00	42/57	SOHC	79→83	CAM540	CKS7540	FOL2 (x8)						
106														
1.1	TU1M (HDY)	4 72.00	40/54	SOHC	91→	CAM733		FOL160 (x8)						
	TU1M (HDZ)		44/60	SOHC										
1.4	TU3JP (KFW)	4 75.00	55/75	SOHC	96→	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/88→		FOL160 (x8)						
1.4	TU3JP (KFX)	4 75.00	55/75	SOHC	96→	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→		FOL160 (x8)						
1.4 Diesel	TUD3	4 75.00	39/53	SOHC	92→96	CAM461			FOL126 (x8)				Mechanical	
1.5 Diesel	TUD5 (VJX)	4 77.00	40/54	SOHC	94→	CAM461			FOL126 (x8)				Mechanical	
	TUD5 (VJY)		42/57	SOHC										
205														
1.0	XV8 (108C)	4 70.00	33/45	SOHC	83→87	CAM540	CKS7540	FOL2 (x8)						
1.1	TU1M (HDZ)	4 72.00	44/60	SOHC	89→98	CAM733		FOL160 (x8)						
1.1	XW7 (109F)	4 72.00	37/50	SOHC	83→90	CAM540	CKS7540	FOL2 (x8)						
	XW7 (109N)		36/49	SOHC										
1.4	TU3A (K1D)	4 75.00	49/67	SOHC	87→94	CAM731 Euro 3 (D3)		FOL160 (x8)						

cc			KW/PS							
... 205										
1.4	TU3JP (KFX)	4 75.00	55/75	SOHC	88→98	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→		FOL160 (x8)		
1.4	XY7 (150D)	4 75.00	44/60	SOHC	83→89	CAM540	CKS7540	FOL2 (x8)		
	XY8 (150B)		58-59/ 79-80	SOHC						
	XY8 (150H)		58/79	SOHC						
1.6	XU5 (B1AA)	4 83.00	55/75	SOHC	86→98	CAM378	CKS9378		FOL88 (x8)	Mechanical
	XU51C (B1A/B1C/B1E)		53-55/ 72-75	SOHC						
	XU5CP (BAZ)		54-55/ 74-75							
1.7 Diesel	XUD7 (161A)	4 80.00	44/60	SOHC	83→	CAM373	CKS2373		FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
1.7 Diesel	XUD7TE (A8B)	4 80.00	57/78	SOHC	90→98	CAM444			FOL73 (x8)	Mechanical
1.8 Diesel	XUD7T	4 80.00	58/79	SOHC	90→97	CAM444			FOL73 (x8)	Mechanical
1.9	XU9JAZ (DKZ)	4 83.00	90/122	SOHC	87→97	CAM459			FOL88 (x8)	Mechanical
1.9 Diesel	XUD9 (DJZ)	4 83.00	47/64	SOHC	87→98	CAM373	CKS2373		FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
206										
1.4 Diesel	DV4TD (8HX)	4 73.70	52/71	SOHC	01→	CAM726			FOL154 (x8)	
	DV4TD (8HZ)		50/68	SOHC						
1.4	KFV (TU3A)	4 75.00	54/73	SOHC	09→	CAM731 Euro 3 (D3)		FOL160 (x8)		
1.4	TU3JP (KFW)	4 75.00	55/75	SOHC	98→	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/88→		FOL160 (x8)		
1.4	TU3JP (KFX)	4 75.00	55/75	SOHC	98→	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→		FOL160 (x8)		
1.6 Diesel	DV6TED4 (9HY)/DV6TED4 (9HZ)	4 75.00	80/109	DOHC	04→	CAM746 CAM747		FOL184 (x16)	FOL152 (x16)	

cc			kW/PS								
... 206											
1.9 Diesel	DW8 (WJZ)	4 82.20	51/69	SOHC	98→01	CAM373	CKS2373		FOL73 (x8)		Camshaft driven vacuum pump. Mechanical
2.0 Diesel	DW10TD (RHY)	4 85.00	63/86	SOHC	99→	CAM679		FOL163 (x8)	FOL154 (x8)		
207											
1.4	KFV (TU3A)	4 75.00	54/73	SOHC	06→	CAM731 Euro 3 (D3)		FOL160 (x8)			
1.6 Diesel	DV6ATED4 (9HX) DV6TED4 (9HY)/DV6TED4 (9HZ)	4 75.00	66/92 80/109	DOHC DOHC	06→	CAM746 ■ CAM747 ■		FOL184 (x16)	FOL152 (x16)		
1.6	EP6DT	4 77.00			06→	CAM910 ■ CAM911 ■			FOL185 (x16)		
305											
1.6	XU5 (B1AA) XU5CP (BAZ)	4 83.00	55/75 54-55/ 74-75	SOHC	82→88	CAM378	CKS9378		FOL88 (x8)		Mechanical
1.9 Diesel	XUD9 (16Z) XUD9 (D9A)	4 83.00	47-48/ 64-65 47/64	SOHC SOHC	82→88	CAM373	CKS2373		FOL73 (x8)		Camshaft driven vacuum pump. Mechanical
306											
1.1	TU1M (HDZ)	4 72.00	44/60	SOHC	93→01	CAM733		FOL160 (x8)			
1.4	TU3JP (KFW)	4 75.00	55/75	SOHC	93→02	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/88→		FOL160 (x8)			
1.4	TU3JP (KFX)	4 75.00	55/75	SOHC	93→02	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/88→		FOL160 (x8)			
1.8 Diesel	XUD7 (A9A)	4 80.00	44/60		93→01	CAM373	CKS2373		FOL73 (x8)		Camshaft driven vacuum pump. Mechanical
1.9 Diesel	DW8 (WJZ)/DW8B (WJY) DHV (XUD9BSD) XUD9 (DJZ) XUD9A (DJY) XUD9TE (DHY)	4 82.20 83 83.00	51/69 55-/75- 47/64 51/69 66/89	SOHC SOHC/ OHC SOHC SOHC	93→02	CAM373	CKS2373		FOL73 (x8)		Camshaft driven vacuum pump. Mechanical
2.0 Diesel	DW10TD (RHY)	4 85.00	63/86	SOHC	99→02	CAM679		FOL163 (x8)	FOL154 (x8)		

cc										
307										
1.4 Diesel	DV4TD (8HX)	4 73.70	52/71	SOHC	01→	CAM726			FOL154 (x8)	
	DV4TD (8HZ)		50/68	SOHC						
1.4	TU 3 JP	4 75.00	55/75	SOHC	02→03	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→		FOL160 (x8)		
1.4	TU3JP (KFW)	4 75.00	55/75	SOHC	00→	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/88→		FOL160 (x8)		
1.6 Diesel	DV6ATED4 (9HX)	4 75.00	66/92	DOHC	04→	CAM746		FOL184 (x16)	FOL152 (x16)	
	DV6TED4 (9HY)/DV6TED4 (9HZ)		80/109	DOHC		CAM747				
2.0 Diesel	DW10ATED (RHS)	4 85.00	81/110	DOHC	00→	CAM679		FOL163 (x8)	FOL154 (x8)	
	DW10BTED4 (RHR)		100/136	DOHC						
	DW10TD (RHY)		63/86	SOHC						
308										
1.6 Diesel	9HV (DV6ATED4)	4 75.00	66-/90-		07→	CAM746		FOL184 (x16)	FOL152 (x16)	
	DV6TED4 (9HZ)		80/109	DOHC		CAM747				
1.6	EP6CDT	4 77	115-/156-	DOHC	07→	CAM910			FOL185 (x16)	
	EP6DT/EP6DTS	77.00				CAM911				
2.0 Diesel	DW10BTED4 (RHR)	4 85.00	100/136	DOHC	07→	CAM679		FOL163 (x8)	FOL154 (x8)	
309										
1.1	TU1M (HDZ)	4 72.00	44/60	SOHC	90→93	CAM733		FOL160 (x8)		
1.4	TU3A (K1D)	4 75.00	49/67	SOHC	89→93	CAM731 Euro 3 (D3)		FOL160 (x8)		
1.6	XU5 (B1AA)	4 83.00	55/75	SOHC	85→89	CAM378	CKS9378		FOL88 (x8)	Mechanical
	XU51C (B1A/B1C/B1E)		53-55/ 72-75	SOHC						
	XU5CP (BAZ)		54-55/ 74-75							
1.8 Diesel	XUD7 (161A)	4 80.00	44/60	SOHC	89→93	CAM373	CKS2373		FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
1.8 Diesel	XUD7TE (A8B)	4 80.00	57/78	SOHC	89→93	CAM444			FOL73 (x8)	Mechanical
1.9	XU9JAZ (DKZ)	4 83.00	90/122	SOHC	88→93	CAM459			FOL88 (x8)	Mechanical

cc			kW/PS								
... 309											
1.9 Diesel	XUD9 (16Z)	4 83.00	47-48/ 64-65	SOHC	86→93	CAM373	CKS2373			FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
	XUD9 (D9A)/XUD9 (DJZ)		47/64	SOHC							
405											
1.6	XU51C (B1A/B1C/B1E)	4 83.00	53-55/ 72-75	SOHC	87→92	CAM378	CKS9378			FOL88 (x8)	Mechanical
	XU5CP (BAZ)		54-55/ 74-75								
1.8 Diesel	XUD7TE (A8A)	4 80.00	66/90		87→92	CAM444				FOL73 (x8)	Mechanical
1.8 Diesel	XUD7TE (AJZ)	4 80.00	66/90	SOHC	88→92	CAM373	CKS2373			FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
1.9	XU9JAZ (DKZ)	4 83.00	90/122	SOHC	87→92	CAM459				FOL88 (x8)	Mechanical
1.9 Diesel	XUD9 (DJZ)	4 83.00	47/64	SOHC	88→96	CAM373	CKS2373			FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
	XUD9A (D9B)/XUD9A (DJY)		51/69	SOHC							
	XUD9TE (DHY)		66/89								
406											
1.9 Diesel	XUD9TE (DHY)	4 83.00	66/89		96→04	CAM373	CKS2373			FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
2.0 Diesel	DW10ATED (RHS)	4 85.00	81/110	DOHC	98→04	CAM679		FOL163 (x8)	FOL154 (x8)		
	DW10ATED (RHZ)		80/109	SOHC							
	DW10TD (RHY)		63/86	SOHC							
2.1 Diesel	XUD11BTE (P8C)	4 85.00	81/110	SOHC	96→04	CAM674		FOL116 (x12)	FOL109 (x12) TTP3 (x12)		
407											
1.6 Diesel	DV6TED4 (9HY)	4 75.00	80/109	DOHC	04→	CAM746		FOL184 (x16)	FOL152 (x16)		
						CAM747					
2.0 Diesel	DW10BTED4 (RHR)	4 85.00	100/136	DOHC	04→	CAM679		FOL163 (x8)	FOL154 (x8)		
605											
2.1 Diesel	XUD11ATE (PHZ/P8A/P8B)	4 85.00	80/109	SOHC	89→99	CAM674		FOL116 (x12)	FOL109 (x12)		
2.1 Diesel	XUD11BTE (P8C)	4 85.00	81/110	SOHC	94→99	CAM674		FOL116 (x12)	FOL109 (x12) TTP3 (x12)		
2.5 Diesel	DK5ATE (THY)	4 92.00	95/129	SOHC	94→99	CAM676		FOL116 (x12)	FOL109 (x12) TTP3		
607											
2.0 Diesel	DW10ATED (RHS)	4 85.00	81/110	DOHC	00→	CAM679		FOL163 (x8)	FOL154 (x8)		
	DW10ATED (RHZ)		80/109	SOHC							
	DW10BTED4 (RHR)		100/136	DOHC							
806											
1.9 Diesel	XUD9TE (DHY)	4 83.00	66/89		97→02	CAM373	CKS2373			FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
2.0 Diesel	DW10ATED (RHZ)	4 85.00	80/109	SOHC	99→02	CAM679		FOL163 (x8)	FOL154 (x8)		
2.0 Diesel	DW10ATED4 (RHW)	4 85.00	80/109	SOHC	99→02	CAM748				FOL115 (x16)	
						CAM749					
2.1 Diesel	XUD11BTE (P8C)	4 85.00	81/110	SOHC	96→99	CAM674		FOL116 (x12)	FOL109 (x12) TTP3 (x12)		

cc											
807											
2.0 Diesel	DW10ATED4 (RHM)	4 85.00	79/107	DOHC	02→	CAM748					
2.0 Diesel	DW10ATED4 (RHT)	4 85.00	79/107	DOHC	02→	CAM748				FOL115 (x16)	
	DW10ATED4 (RHW) DW10UTED4 (RHK)		80/109 85-88/ 116-120	SOHC DOHC							
2.0 Diesel	DW10BTED4 (RHR)	4 85.00	100/136	DOHC	06→	CAM679			FOL163 (x8)	FOL154 (x8)	
1007											
1.4 Diesel	DV4TD (8HX)	4 73.70	52/71	SOHC	05→	CAM726				FOL154 (x8)	
	DV4TD (8HZ)		50/68	SOHC							
1.4	TU3JP-L4	4 75.00	55/75	SOHC	05→	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→			FOL160 (x8)		
1.6 Diesel	DV6TED4 (9HZ)	4 75.00	80/109	DOHC	07→	CAM746			FOL184 (x16)	FOL152 (x16)	
						CAM747					
3008											
1.6 Diesel	DV6TED4 (9HZ)	4 75.00	80/109	DOHC	09→	CAM746			FOL184 (x16)	FOL152 (x16)	
						CAM747					
5008											
1.6	EP6CDT	4 77	115-/156-	DOHC	09→	CAM910				FOL185 (x16)	
						CAM911					
Boxer											
1.9 Diesel	XUD9A (DJY)	4 83.00	51/69	SOHC	94→02	CAM373	CKS2373			FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
	XUD9TE (DHY)		66/89								
2.5 Diesel	DJ5 (T9A)	4 92.00	63/86	SOHC	94→02	CAM677			FOL116 (x8)	FOL109 (x8) TTP3 (x8)	
2.5 Diesel	DJ5T (T8A/THZ)	4 92.00	76/103		94→02	CAM676			FOL116 (x12)	FOL109 (x12) TTP3 (x8)	
2.5 Diesel	DJ5TED (THX)	4 92.00	79/107		97→02	CAM678				FOL118 (x8)	
2.8 Diesel	8140.43S	4 94.40	92/125	SOHC	00→	CAM681				FOL169 (x8)	Mechanical
Expert											
1.9 Diesel	DW8 (WJZ)/DW8B (WJY)	4 82.20	51/69	SOHC	98→	CAM373	CKS2373			FOL73 (x8)	Camshaft driven vacuum pump. Mechanical
2.0 Diesel	DW10ATED (RHZ)	4 85.00	80/109	SOHC	00→	CAM679			FOL163 (x8)	FOL154 (x8)	
	DW10BTED4 (RHR)		100/136	DOHC							
2.0 Diesel	DW10ATED4 (RHW)	4 85.00	80/109	SOHC	00→	CAM748				FOL115 (x16)	
	DW10UTED4 (RHK)		85-88/ 116-120	DOHC		CAM749					
J5											
1.9 Diesel	XUD9A (D9B)	4 83.00	51/69	SOHC	90→	CAM373	CKS2373			FOL73 (x8)	Camshaft driven vacuum pump. Mechanical

cc			kW/PS											
Partner														
1.1	TU1M (HDZ)	4 72.00	44/60	SOHC	96→	CAM733					FOL160 (x8)			
1.4	TU3JP (KFW)	4 75.00	55/75	SOHC	96→	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/88→					FOL160 (x8)			
1.4	TU3JP (KFX)	4 75.00	55/75	SOHC	96→	CAM733 Euro 2 →07/98 CAM731 Euro 3 (D3); Euro 4 (D4) CAM732 Euro1 to Euro2 03/98→					FOL160 (x8)			
1.6 Diesel	DV6ATED4 (9HX)	4 75.00	66/92	DOHC	06→	CAM746 CAM747					FOL184 (x16)	FOL152 (x16)		
1.8 Diesel	XUD7 (A9A)	4 80.00	44/60		96→	CAM373	CKS2373				FOL73 (x8)		Camshaft driven vacuum pump. Mechanical	
1.9 Diesel	DW8 (WJZ)/DW8B (WJY) XUD9A (DJY)	4 82.20 83.00	51/69 51/69	SOHC SOHC	96→	CAM373	CKS2373				FOL73 (x8)		Camshaft driven vacuum pump. Mechanical	
2.0 Diesel	DW10TD (RHY)	4 85.00	63/86	SOHC	00→	CAM679					FOL163 (x8)	FOL154 (x8)		
RCZ														
1.6	EP6CDT	4 77	115-/156-	DOHC	10→	CAM910 CAM911					FOL185 (x16)			










cc											
Clio I											
1.8	F3P 754/F3P 755/F3P 758	4 82.70	70/95	SOHC	90→98					FOL180 (x8)	Hydraulic
1.9 Diesel	F8Q 678	4 80.00	48-40/ 65-54	SOHC	96→98					FOL180 (x8)	Hydraulic
1.9 Diesel	F8Q 730	4 80.00	47-48/ 64-65	SOHC	91→98	CAM689				FOL149 (x8)	Mechanical
1.9 Diesel	F8Q 732	4 80.00	47-48/ 64-65	SOHC	91→98	CAM689				FOL180 (x8)	Hydraulic
Clio II											
1.4	K4J 700	4 79.50	72/98	DOHC	99→	CAM727				FOL103 (x16)	
	K4J 712		70-72/ 95-98	DOHC		CAM728					
	K4J 713		72/98	DOHC							
1.5 Diesel	K9K 702/K9K 710	4 76.00	60/81	SOHC	01→	CAM736				FOL103 (x16)	
	K9K 714		50/68								
	K9K 718		62/84								
1.6	K4M 708/K4M 748	4 79.50	79/81/ 107/109	DOHC	98→	CAM727				FOL103 (x16)	
						CAM728					
1.6	K7M 744/K7M 745	4 79.50	66/89	SOHC	98→05	CAM729				FOL103 (x16)	
1.9 Diesel	F8Q 632	4 80.00	47-48/ 64-65	SOHC	00→01	CAM664					
1.9 Diesel	F8Q 630/F8Q 662	4 80.00	47/64	SOHC	98→	CAM664				FOL180 (x8)	Hydraulic
1.9 Diesel	F9Q 780	4 80.00	72/98	SOHC	00→05	CAM706					
Espace III											
1.9 Diesel	F9Q 722	4 80.00	72/98	SOHC	99→02					FOL180 (x8)	Hydraulic
2.0	F3R 728/F3R 729	4 82.70	84/114	SOHC	96→00					FOL180 (x8)	Hydraulic
2.2	G8T 714/G8T 716/G8T 760	4 87.00	83/113	SOHC	96→00	CAM665			FOL110 (x12)	FOL111 (x12)	
Espace IV											
1.9 Diesel	F9Q 820	4 80.00	88/120	DOHC	02→	CAM706					
Express											
1.9 Diesel	F8Q 682	4 80.00	48/65		94→98					FOL180 (x8)	Hydraulic
1.9 Diesel	F8Q 722/F8Q 724/F8Q 774	4 80.00	47-48/ 64-67	SOHC	91→98	CAM689				FOL149 (x8)	Mechanical
1.9 Diesel	F8Q 776	4 80.00	47-48/ 64-67	SOHC	91→98	CAM689				FOL180 (x8)	Hydraulic
										FOL149 (x8)	Mechanical
Extra											
1.9 Diesel	F8Q 682	4 80.00	48/65		94→98					FOL180 (x8)	Hydraulic
1.9 Diesel	F8Q 722/F8Q 724/F8Q 774	4 80.00	47-48/ 64-67	SOHC	91→98	CAM689				FOL149 (x8)	Mechanical
1.9 Diesel	F8Q 776	4 80.00	47-48/ 64-67	SOHC	91→98	CAM689				FOL180 (x8)	Hydraulic
										FOL149 (x8)	Mechanical
Grand Scénic II											
1.5 Diesel	K9K 728/K9K 729	4 76.00	74/101	SOHC	04→	CAM736				FOL103 (x16)	
1.9 Diesel	F9Q 812	4 80.00	88/120	SOHC	04→	CAM706					









cc			kW/PS									
Kangoo												
1.5 Diesel	K9K 702/K9K 710	4 76.00	60/81	SOHC	02→	CAM736				FOL103 (x16)		
	K9K 714		50/68									
	K9K 718		62/84									
1.6	K4M 750	4 79.50	70/95	DOHC	01→	CAM727				FOL103 (x16)		
	K4M 752		79/81/ 107/109	DOHC		CAM728						
	K4M 753		70/95	DOHC								
1.9 Diesel	F8Q 632	4 80.00	47-48/ 64-65	SOHC	97→	CAM664						
1.9 Diesel	F8Q 630/F8Q 662	4 80.00	47/64	SOHC	97→	CAM664				FOL180 (x8)	Hydraulic	
1.9 Diesel	F9Q 780	4 80.00	72/98	SOHC	00→	CAM706						
	F9Q 782/F9Q 790		59/80	SOHC								
Laguna												
1.6	K4M 720/K4M 724	4 79.50	79/81/ 107/109	DOHC	97→01	CAM727				FOL103 (x16)		
	F3P 670	4 82.70	66/89	SOHC	95→01	CAM728				FOL180 (x8)	Hydraulic	
	F3P 676		70-69/ 95-94	SOHC								
1.9 Diesel	F9Q 716	4 80.00	74/100	SOHC	97→01	CAM753						
1.9 Diesel	F9Q 718	4 80.00	72/98	SOHC	99→01	CAM706						
2.2 Diesel	G8T 706/G8T 790	4 87.00	61/82	SOHC	93→01	CAM757			FOL110 (x12)	FOL111 (x12)		
2.2	G8T 760	4 87.00	83/113	SOHC	96→01	CAM665			FOL110 (x12)	FOL111 (x12)		
2.2 Diesel	G8T 794	4 87.00	61/82	SOHC	93→01	CAM687			FOL110 (x12)			
Laguna II												
1.6	K4M 710	4 79.50	79/107	DOHC	01→	CAM727				FOL103 (x16)		
	K4M 711		79/81/ 107/109	DOHC		CAM728						
	K4M 714		79/107	DOHC								
1.9 Diesel	F9Q 718	4 80.00	72/98	SOHC	01→	CAM706						
	F9Q 750		55-88/ 75-120	SOHC								
	F9Q 752		74/101	SOHC								
	F9Q 754		74-79/ 101-107	SOHC								
Logan												
1.6	K4M 690	4 79.50	77/105	DOHC	07→	CAM727				FOL103 (x16)		
						CAM728						
1.6	K7M 710	4 79.50	66/89	SOHC	04→	CAM729				FOL103 (x16)		

cc											
Master II											
1.9 Diesel	F9Q 770	4 80.00	59/80	SOHC	00→	CAM706					
	F9Q 772		60/81	SOHC							
	F9Q 774		60/82	SOHC							
2.5 Diesel	S8U 770	4 93.00	59/80		98→01	CAM718					
2.8 Diesel	S9W 702	4 94.40	84/114	SOHC	98→01	CAM681			FOL169 (x8)	Mechanical	
Megane I											
1.4	K4J 714/K4J 750	4 79.50	70/95	DOHC	99→	CAM727				FOL103 (x16)	
							CAM728				
1.6	K4M 700/K4M 701/K4M 704/K4M 708	4 79.50	79/81/ 107/109	DOHC	99→	CAM727				FOL103 (x16)	
							CAM728				
1.6	K7M 702/K7M 703/K7M 790	4 79.50	66/89	SOHC	96→	CAM729			FOL103 (x16)		
1.9 Diesel	F8Q 620	4 80.00	47/64	SOHC	96→	CAM758 →06/96 CAM759 10/96→07/99				FOL180 (x8)	Hydraulic
										FOL180 (x8)	Hydraulic
										FOL180 (x8)	Hydraulic
1.9 Diesel	F8Q 622	4 80.00	47/64	SOHC	99→	CAM664			FOL180 (x8)	Hydraulic	
1.9 Diesel	F8Q 624	4 80.00	48/65	SOHC	96→	CAM759 10/96→07/99			FOL180 (x8)	Hydraulic	
1.9 Diesel	F8Q 784	4 80.00	66-69/ 90-94	SOHC	96→	CAM760 →08/96 CAM761 09/96→08/97 CAM690 09/97→			FOL180 (x8)	Hydraulic	
1.9 Diesel	F8Q 786	4 80.00	66/89	SOHC	96→	CAM760 →08/96 CAM761 09/96→08/97 CAM690 09/97→					
1.9 Diesel	F8Q 790	4 80.00	47/64	SOHC	99→	CAM664					
1.9 Diesel	F9Q 730	4 80.00	72/98		97→01	CAM753					
							72/98	SOHC			
1.9 Diesel	F9Q 732	4 80.00	72/98	SOHC	97→	CAM706					
							79-88/	SOHC			
							72/98	SOHC			
							59/80	SOHC			
2.0	F3R 750/F3R 751	4 82.70	84/114	SOHC	96→				FOL180 (x8)	Hydraulic	
							84-80/	SOHC			
							114-109	SOHC			
	F3R 752		80/109	SOHC							
	F3R 791										

cc			kW/PS								
Megane II											
1.4	K4J 730	4 79.50	72/98	DOHC	02→	CAM727 ■ CAM728 ■				FOL103 (x16)	
	K4J 732		60/82	DOHC							
1.5 Diesel	K9K 722	4 76.00	60/81	SOHC	02→	CAM736				FOL103 (x16)	
	K9K 728/K9K 729		74/101	SOHC							
1.9 Diesel	F9Q 750/F9Q 800	4 80.00	55-88/ 75-120	SOHC	02→	CAM706					
	F9Q 808		66-75/	SOHC							
	F9Q 804		90-102	SOHC							
Megane Scénic											
1.6	K7M 702/K7M 703	4 79.50	66/89	SOHC	97→99	CAM729				FOL103 (x16)	
1.9 Diesel	F8Q 784	4 80.00	66-69/ 90-94	SOHC	97→99	CAM760 →08/96 CAM761 09/96→08/97 CAM690 09/97→				FOL180 (x8)	Hydraulic
1.9 Diesel	F8Q 786	4 80.00	66/89	SOHC	97→99	CAM760 →08/96 CAM761 09/96→08/97 CAM690 09/97→					
1.9 Diesel	F8Q 790	4 80.00	47/64	SOHC	97→99	CAM664					
1.9 Diesel	F9Q 730	4 80.00	72/98		97→99	CAM753					
	F9Q 734		72/98	SOHC							
2.0	F3R 750/F3R 751	4 82.70	84/114	SOHC	97→99					FOL180 (x8)	Hydraulic
Modus											
1.4	K4J 770	4 79.50	72/98		04→	CAM727 ■ CAM728 ■				FOL103 (x16)	
R14											
1.4	X5J	4 75.00	44/60	SOHC	81→83	CAM540	CKS7540	FOL2 (x8)			
R19											
1.9 Diesel	F8Q 706/F8Q 742	4 80.00	47-48/ 64-65	SOHC	88→95	CAM689				FOL149 (x8)	Mechanical
1.9 Diesel	F8Q 740	4 80.00	66-68/ 90-93	SOHC	90→95	CAM762 01/91→					
R21											
1.9 Diesel	F8Q 710	4 80.00	47/64	SOHC	86→94	CAM689				FOL149 (x8)	Mechanical
2.1 Diesel	J8S 714/J8S 786 (KAT)/J8S 788	4 86.00	65/88	SOHC	86→94	CAM436	CKS2381	FOL157 (x8) Eng: →229555 FOL122 (x8) Eng: 229556→			
R25											
2.1 Diesel	J8S 736	4 86.00	51/69	SOHC	89→92	CAM436	CKS2381	FOL157 (x8) Eng: →229555 FOL122 (x8) Eng: 229556→			

cc										
Rapid										
1.9 Diesel	F8Q 682	4 80.00	48/65		94→98				FOL180 (x8)	Hydraulic
1.9 Diesel	F8Q 722/F8Q 724/F8Q 774	4 80.00	47-48/ 64-67	SOHC	91→98	CAM689			FOL149 (x8)	Mechanical
1.9 Diesel	F8Q 776	4 80.00	47-48/ 64-67	SOHC	91→98	CAM689			FOL180 (x8) FOL149 (x8)	Hydraulic Mechanical
Safrane										
2.2	G8T 740	4 87.00	83/113	SOHC	96→00	CAM665			FOL110 (x12) FOL111 (x12)	
Sandero										
1.6	K7M 710	4 79.50	66/89	SOHC	09→	CAM729			FOL103 (x16)	
Scénic I										
1.4	K4J 714/K4J 750	4 79.50	70/95	DOHC	99→03	CAM727 II CAM728 E			FOL103 (x16)	
1.6	K4M 700/K4M 701/K4M 704/K4M 708	4 79.50	79/81/ 107/109	DOHC	99→03	CAM727 II CAM728 E			FOL103 (x16)	
1.9 Diesel	F8Q 790	4 80.00	47/64	SOHC	99→01	CAM664				
1.9 Diesel	F9Q 732	4 80.00	72/98	SOHC	99→03	CAM706				
	F9Q 733		79-88/ 107-120	SOHC						
	F9Q 736		72/98	SOHC						
	F9Q 744		59/80	SOHC						
1.9 Diesel	F9Q 734	4 80.00	72/98	SOHC	99→03	CAM753				
Scénic II										
1.4	K4J 730	4 79.50	72/98	DOHC	03→	CAM727 II CAM728 E			FOL103 (x16)	
1.5 Diesel	K9K 722	4 76.00	60/81	SOHC	03→	CAM736			FOL103 (x16)	
	K9K 728/K9K 729		74/101	SOHC						
1.9 Diesel	F9Q 812	4 80.00	88/120	SOHC	03→	CAM706				
	F9Q 804			SOHC						
Thalia										
1.4	K4J 712	4 79.50	70-72/ 95-98	DOHC	00→	CAM727 II CAM728 E			FOL103 (x16)	
1.5 Diesel	K9K 702	4 76.00	60/81	SOHC	01→	CAM736			FOL103 (x16)	
1.9 Diesel	F8Q 630	4 80.00	47/64	SOHC	98→01	CAM664			FOL180 (x8)	Hydraulic
Trafic										
1.9 Diesel	F8Q 606	4 80.00	40/54	SOHC	97→01	CAM664			FOL180 (x8)	Hydraulic
2.5 Diesel	S8U 758/S8U 780	4 93.00	55/75	SOHC	89→01	CAM718				
Trafic II										
1.9 Diesel	F9Q 760	4 80.00	74/100	SOHC	01→	CAM706				
	F9Q 762		60/81	SOHC						
Twingo										
1.5 Diesel	K9K 718	4 76.00	62/84		08→	CAM736			FOL103 (x16)	

cc			kW/PS							
100										
1.5 Diesel	TUD5	4 77.00	42/57	SOHC	94→98	CAM461			FOL126 (x8)	Mechanical
200										
1.8 Diesel	XUD 7TE	4 80.00	66/90	SOHC	91→95	CAM444			FOL73 (x8)	Mechanical
400										
1.8 Diesel	XUD 7TE	4 80.00	66/90	SOHC	91→98	CAM444			FOL73 (x8)	Mechanical

cc	 Ø	kW/PS				 KIT			
9-3									
2.2 Diesel D223L	4 84.00	85-92/ 115-125	SOHC	98→	CAM650			FOL107 (x16)	
9-5									
2.2 Diesel D223L	4 84.00	85-92/ 115-125	SOHC	02→	CAM650			FOL107 (x16)	

cc			kW/PS									
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Alhambra												
1.8	AJH/AWC	4	110/150	DOHC	97→	CAM743					FOL133	<small>(x12)</small>
		81.00				CAM744					FOL141	<small>(x8)</small>
1.9 Diesel	1Z	4	66/89	SOHC	96→	CAM441					FOL143	<small>(x8)</small>
	AFN		81/110	SOHC								
	AHU		66/90	SOHC								
1.9 Diesel	ANU	4	66/90	SOHC	96→	CAM672					FOL175	<small>(x8)</small>
	ARL		110/150	SOHC								
	ASZ		96/130	SOHC								
	AUY		85/115	SOHC								
	BTB		110/150	SOHC								
1.9 Diesel	BVK	4	85/115	SOHC	00→	CAM904					FOL175	<small>(x8)</small>
		79.50										
2.0	ADY	4	85/115	SOHC	96→						FOL143	<small>(x8)</small>
		82.50										
2.0 Diesel	BRT	4	103/140	SOHC	05→	CAM904					FOL175	<small>(x8)</small>
		81.00										

Altea													
1.4	BXW	4	63/86	DOHC	06→					FOL179	<small>(x16)</small>	FOL167	<small>(x16)</small>
	CGGB		63/85	DOHC									
1.9 Diesel	BJB/BKC/BLS/BXE	4	77/105	SOHC	04→	CAM672					FOL175	<small>(x8)</small>	
	BXF		66/90	SOHC									
2.0 Diesel	BMM	4	103/140	SOHC	05→	CAM904					FOL175	<small>(x8)</small>	
		81.00											

Arosa													
1.0	AER	4	37/50	SOHC	97→04						FOL143	<small>(x8)</small>	
		67.10											
1.4	AEX	4	44/60	SOHC	97→04	CAM808					FOL143	<small>(x8)</small>	
		76.50											
1.4	AFK	4	74/101	DOHC	00→04					FOL179	<small>(x16)</small>	FOL167	<small>(x16)</small>
	AQQ/AUB		74/100	DOHC									
1.4 Diesel	AMF	3	55/75	SOHC	00→04	CAM673					FOL114	<small>(x6)</small>	
		79.50											
1.7 Diesel	AKU	4	44/60	SOHC	97→04						FOL92	<small>(x8)</small>	
		79.50											

Cordoba													
1.0	AER	4	37/50	SOHC	93→99						FOL143	<small>(x8)</small>	
	AAU		33/45	SOHC									
		75.00											
1.2	AZQ	3	47/64	DOHC	02→					FOL179	<small>(x12)</small>	FOL167	<small>(x12)</small>
	BXV		51/70	DOHC									
		76.50											
1.3	AAV	4	40/54	SOHC	93→94						FOL143	<small>(x8)</small>	
		75.00											
1.4	ABD	4	44/60	SOHC	94→99						FOL143	<small>(x8)</small>	
		75.00											
1.4	AEX	4	44/60	SOHC	94→99	CAM808					FOL143	<small>(x8)</small>	
		76.50											
1.4 Diesel	AMF	3	55/75	SOHC	02→	CAM673					FOL114	<small>(x6)</small>	
	BMS		59/80	SOHC									
	BNM		51/70	SOHC									
		79.50											

cc			KW/PS				KIT					
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... Cordoba

1.4	AQQ	4 76.50	74/100	DOHC	99→				FOL179 (x16)	FOL167 (x16)	
	AUA		55/75	DOHC							
	AUB		74/100	DOHC							
	BBY		55/75	DOHC							
	BBZ		74/100	DOHC							
	BXW		63/86	DOHC							
1.6	AEE/ALM	4 76.50	55/75	SOHC	93→					FOL143 (x8)	
	1F	81.00	53/55/ 72/75	SOHC							
	AEH/AFT/AKL		74/101	SOHC							
	APF		74/100	SOHC							
1.6	BTS	4 76.50	77/105	DOHC	06→				FOL179 (x16)	FOL167 (x16)	
1.8	ABS	4 81.00	66/90	SOHC	93→99					FOL143 (x8)	
1.8	ADL	4	95/129	DOHC	93→96	CAM739				FOL143 (x16)	
		81.00				CAM740					
1.8	AQX/AYP	4	115/156	DOHC	99→02	CAM743				FOL133 (x12)	FOL141 (x8)
		81.00				CAM744					
1.9 Diesel	1Y	4	47/64	SOHC	93→96	CAM440				FOL143 (x8)	
		79.50		55/75	SOHC						
1.9 Diesel	1Z	4	66/89	SOHC	96→99	CAM441				FOL143 (x8)	
		79.50		81/110	SOHC						
				66/90	SOHC						
1.9 Diesel	AEY	4 79.50	47/64	SOHC	96→99	CAM668				FOL92 (x8)	
1.9 Diesel	AGR/ALH	4	66/90	SOHC	99→	CAM671				FOL143 (x8)	
		79.50		81/110	SOHC						
1.9 Diesel	AGP/AQM	4	50/68	SOHC	99→	CAM670				FOL143 (x8)	
		79.50		47/64	SOHC						
1.9 Diesel	ASK	4 79.50	81/110	SOHC	99→					FOL143 (x8)	
1.9 Diesel	ASZ	4	96/130	SOHC	02→	CAM672				FOL175 (x8)	
		79.50		74/100	SOHC						
				96/131	SOHC						
1.9 Diesel	BMT	4 79.50	74/101	SOHC	02→	CAM904				FOL175 (x8)	
2.0	2E/AGG/AZL	4	85/115	SOHC	93→					FOL143 (x8)	
		82.50									
2.0	ABF	4 82.50	110/150	DOHC	96→99	CAM739				FOL143 (x16)	
						CAM740					

EXEO

1.8	CFMA	4 81.00	110/150	DOHC	09→	CAM744				FOL133 (x12)	FOL141 (x8)
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Ibiza I

1.5	021 D.2000	4 83.00	65-66/ 89-90	SOHC	86→93					FOL92 (x8)	
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cc			kW/PS											
Ibiza II														
1.0	AER	4	37/50	SOHC	93→99								FOL143 (x8)	
	AAU	67.10	33/45	SOHC										
		75.00												
1.3	AAV	4	40/54	SOHC	93→99								FOL143 (x8)	
		75.00												
1.4	ABD	4	44/60	SOHC	93→99								FOL143 (x8)	
		75.00												
1.4	AEX	4	44/60	SOHC	93→99	CAM808							FOL143 (x8)	
		76.50												
1.6	AEE/ALM	4	55/75	SOHC	93→99								FOL143 (x8)	
	1F	76.50	53/55/	SOHC										
	AFT	81.00	72/75	SOHC										
			74/101	SOHC										
1.8	ABS	4	66/90	SOHC	93→99								FOL143 (x8)	
		81.00												
1.8	ADL	4	95/129	DOHC	93→96	CAM739 ■■ CAM740 ■■							FOL143 (x16)	
		81.00												
1.9 Diesel	1Y	4	47/64	SOHC	93→96	CAM440							FOL143 (x8)	
	AAZ	79.50	55/75	SOHC										
1.9 Diesel	1Z	4	66/89	SOHC	96→99	CAM441							FOL143 (x8)	
	AFN	79.50	81/110	SOHC										
	AHU		66/90	SOHC										
1.9 Diesel	AEY	4	47/64	SOHC	96→99	CAM668							FOL92 (x8)	
		79.50												
2.0	2E/AGG	4	85/115	SOHC	93→99								FOL143 (x8)	
		82.50												
2.0	ABF	4	110/150	DOHC	96→99	CAM739 ■■ CAM740 ■■							FOL143 (x16)	
		82.50												

Ibiza III														
1.4	AQQ	4	74/100	DOHC	99→02							FOL179 (x16)	FOL167 (x16)	
	AUA	76.50	55/75	DOHC										
	AUB		74/100	DOHC										
1.6	ALM	4	55/75	SOHC	99→02								FOL143 (x8)	
	AEH/AKL	76.50	74/101	SOHC										
	APF	81.00	74/100	SOHC										
1.8	AQX/AYP	4	115/156	DOHC	00→02	CAM743 ■■ CAM744 ■■							FOL133 ■■ (x12) FOL141 ■■ (x8)	
		81.00												
1.9 Diesel	AGR/ALH	4	66/90	SOHC	99→02	CAM671							FOL143 (x8)	
	ASV	79.50	81/110	SOHC										
1.9 Diesel	AGP/AQM	4	50/68	SOHC	99→02	CAM670							FOL143 (x8)	
		79.50												
1.9 Diesel	ASK	4	81/110	SOHC	99→02								FOL143 (x8)	
		79.50												
2.0	AZL	4	85/115	SOHC	02→								FOL143 (x8)	
		82.50												

cc											
Ibiza IV											
1.2	AZQ	3 76.50	47/64	DOHC	02→				FOL179 (x12)	FOL167 (x12)	
	BXV		51/70	DOHC							
1.4 Diesel	AMF	3 79.50	55/75	SOHC	02→	CAM673				FOL114 (x6)	
	BMS		59/80	SOHC							
	BNM		51/70	SOHC							
1.4	AUB	4 76.50	74/100	DOHC	02→				FOL179 (x16)	FOL167 (x16)	
	BBY		55/75	DOHC							
	BBZ		74/100	DOHC							
	BXW		63/86	DOHC							
1.6	BTS	4 76.50	77/105	DOHC	06→				FOL179 (x16)	FOL167 (x16)	
1.8	BBU	4 81.00	132/180	DOHC	03→08	CAM744				FOL133 (x12)	FOL141 (x8)
	BJX		110/150	DOHC							
	BKV		110/150								
1.9 Diesel	ASY	4 79.50	47/64	SOHC	02→05	CAM670				FOL143 (x8)	
1.9 Diesel	ASZ	4 79.50	96/130	SOHC	02→	CAM672				FOL175 (x8)	
	ATD/AXR		74/100	SOHC							
	BLT		96/131	SOHC							
	BPX/BUK		118/160	SOHC							
1.9 Diesel	BMT	4 79.50	74/101	SOHC	02→	CAM904				FOL175 (x8)	
2.0	AZL	4 82.50	85/115	SOHC	02→					FOL143 (x8)	
Ibiza V											
1.2	BZG/CGPA	3 76.50	51/70	DOHC	08→				FOL179 (x12)	FOL167 (x12)	
	CGPB/CHFA		44/60	DOHC							
1.4 Diesel	BMS	3 79.50	59/80	SOHC	08→	CAM673				FOL114 (x6)	
1.4	BXW	4 76.50	63/86	DOHC	08→				FOL179 (x16)	FOL167 (x16)	
	CGGB		63/85	DOHC							
1.6	BTS	4 76.50	77/105	DOHC	08→				FOL179 (x16)	FOL167 (x16)	
1.9 Diesel	BLS	4 79.50	77/105	SOHC	08→	CAM672				FOL175 (x8)	
1.9 Diesel	BXJ	4 79.50	66/90	SOHC	08→	CAM904				FOL175 (x8)	
Inca											
1.4	AEX	4 76.50	44/60	SOHC	95→	CAM808				FOL143 (x8)	
1.4	AUA	4 76.50	55/75	DOHC	00→				FOL179 (x16)	FOL167 (x16)	
1.6	AEE	4 76.50	55/75	SOHC	95→98					FOL143 (x8)	
	1F		53/55/ 72/75	SOHC							
1.7 Diesel	AHB	4 79.50	42/57	SOHC	96→	CAM668				FOL92 (x8)	
1.9 Diesel	1Y	4 79.50	47/64	SOHC	95→	CAM440				FOL143 (x8)	
1.9 Diesel	AEY	4 79.50	47/64	SOHC	95→	CAM668				FOL92 (x8)	

cc			kW/PS							
... Inca										
1.9 Diesel	ALH	4 79.50	66/90	SOHC	96→	CAM671			FOL143 (x8)	
1.9 Diesel	AYQ	4 79.50	47/64	SOHC	95→	CAM670			FOL143 (x8)	
Leon										
1.4	AHW	4 76.50	55/75	SOHC	99→				FOL179 (x16)	FOL167 (x16)
	BXW		63/86	DOHC						
	CGGB		63/85	DOHC						
1.6	AEH/AKL	4 81.00	74/101	SOHC	99→				FOL143 (x8)	
1.6	AUS	4 76.50	77/105	DOHC	00→				FOL179 (x16)	FOL167 (x16)
1.8	AJQ	4 81.00	132/180	DOHC	99→	CAM743				
						CAM744				
1.8	AMK	4 81.00	154/209	DOHC	02→	CAM744			FOL133 (x12)	FOL141 (x8)
	BAM		165/225	DOHC						
1.8	APP	4 81.00	132/180	DOHC	99→	CAM743			FOL133	
						CAM744				
1.8	ARY/AUQ	4 81.00	132/180	DOHC	99→	CAM743			FOL133 (x12)	FOL141 (x8)
						CAM744				
1.9 Diesel	AGR	4 79.50	66/90	SOHC	99→	CAM671			FOL143 (x8)	
	AHF		81/110	SOHC						
	ALH		66/90	SOHC						
	ASV		81/110	SOHC						
1.9 Diesel	AQM	4 79.50	50/68	SOHC	99→	CAM670			FOL143 (x8)	
1.9 Diesel	ARL	4 79.50	110/150	SOHC	01→	CAM672			FOL175 (x8)	
	ASZ		96/130	SOHC						
	AXR		74/100	SOHC						
	BKC/BLS/BXE		77/105	SOHC						
	BXF		66/90	SOHC						
2.0 Diesel	BMM	4 81.00	103/140	SOHC	05→	CAM904			FOL175 (x8)	
Malaga										
1.5	021 D.2000	4 83.00	65-66/ 89-90	SOHC	86→93				FOL92 (x8)	
Terra										
1.4 Diesel	1W	4 75.00	35/47	SOHC	90→95				FOL92 (x8)	
Toledo I										
1.6	1F	4 81.00	53/55/ 72/75	SOHC	91→99				FOL143 (x8)	
	AFT		74/101	SOHC						
1.8	ABS	4 81.00	66/90	SOHC	93→96				FOL143 (x8)	
1.8	KR	4 81.00	98-102/ 133-139	DOHC	91→99				FOL143 (x16)	
1.8	PL	4 81.00	95/129	DOHC	91→99				FOL92 (x16)	
1.8	RP	4 81.00	66/89		91→96				FOL92 (x8)	
1.9 Diesel	1Y	4 79.50	47/64	SOHC	91→99	CAM440			FOL143 (x8)	
	AAZ		55/75	SOHC						

cc										
... Toledo I										
1.9 Diesel	1Z	4 79.50	66/89	SOHC	95→99	CAM441			FOL143 (x8)	
	AFN		81/110	SOHC						
	AHU		66/90	SOHC						
2.0	2E/AGG	4 82.50	85/115	SOHC	91→99				FOL143 (x8)	
2.0	ABF	4 82.50	110/150	DOHC	93→99	CAM739 ■ CAM740 ■			FOL143 (x16)	
Toledo II										
1.4	AHW	4 76.50	55/75	SOHC	99→06				FOL179 (x16)	FOL167 (x16)
1.6	AEH/AKL	4 81.00	74/101	SOHC	99→00				FOL143 (x8)	
1.6	AUS	4 76.50	77/105	DOHC	00→06				FOL179 (x16)	FOL167 (x16)
1.8	AMK	4 81.00	154/209	DOHC	02→05	CAM744 ■			FOL133 ■ (x12) FOL141 ■ (x8)	
	BAM		165/225	DOHC						
1.8	ARY/AUQ	4 81.00	132/180	DOHC	01→06	CAM743 ■ CAM744 ■			FOL133 ■ (x12) FOL141 ■ (x8)	
1.9 Diesel	AGR	4 79.50	66/90	SOHC	99→06	CAM671			FOL143 (x8)	
	AHF		81/110	SOHC						
	ALH		66/90	SOHC						
	ASV		81/110	SOHC						
1.9 Diesel	AQM	4 79.50	50/68	SOHC	99→04	CAM670			FOL143 (x8)	
1.9 Diesel	ARL	4 79.50	110/150	SOHC	00→06	CAM672			FOL175 (x8)	
	ASZ		96/130	SOHC						
	AXR		74/100	SOHC						
2.3	AGZ	5 81.00	110/150	DOHC	99→01				FOL92 (x10)	
Toledo III										
1.9 Diesel	BJB/BKC/BLS/BXE	4 79.50	77/105	SOHC	04→	CAM672			FOL175 (x8)	
2.0 Diesel	BMM	4 81.00	103/140	SOHC	05→09	CAM904			FOL175 (x8)	

cc			kW/PS											
Fabia														
1.2	AZQ/BME	3	47/64	DOHC	03→						FOL179 (x12)	FOL167 (x12)		
	BZG	76.50		DOHC										
1.4 Diesel	AMF	3	55/75	SOHC	03→	CAM673						FOL114 (x8)		
	BMS/BNV	79.50	59/80	SOHC										
1.4	AUA	4	55/75	DOHC	99→						FOL179 (x16)	FOL167 (x16)		
	AUB	76.50	74/100	DOHC										
	BUD			DOHC										
1.6	BTS	4	77/105	DOHC	07→						FOL179 (x16)	FOL167 (x16)		
		76.50												
1.9 Diesel	ASY	4	47/64	SOHC	99→	CAM670						FOL143 (x8)		
		79.50												
1.9 Diesel	ASZ	4	96/131	SOHC	00→	CAM672						FOL175 (x8)		
	ATD/AXR	79.50	74/100	SOHC										
	BLS		77/105	SOHC										
	BLT		96/130	SOHC										
	BSW		77/105	SOHC										
2.0	AQY/AZL	4	85/116	SOHC	99→							FOL143 (x8)		
		82.50												
Felicia														
1.6	AEE	4	55/75	SOHC	95→							FOL143 (x8)		
		76.50												
1.9 Diesel	AEF	4	47/64	SOHC	95→	CAM440						FOL92 (x8)		
		79.50												
Octavia														
1.4	AXP/BCA	4	55/75	DOHC	00→						FOL179 (x16)	FOL167 (x16)		
	BUD	76.50		DOHC										
1.6	AEE	4	55/75	SOHC	96→							FOL143 (x8)		
	AEH	76.50	74/100	SOHC										
		81.00												
1.6	AVU	4	75/102	SOHC	00→	CAM745						FOL154 (x8)		
		81.00												
1.6	BLF	4	85/115	DOHC	04→						FOL179 (x16)	FOL167 (x16)		
		76.50												
1.8	AGU/ARZ	4	110/150	DOHC	97→	CAM743 ■■ CAM744 ■■						FOL133 ■■ (x12) FOL141 ■■ (x8)		
	AUQ	81.00	132/180	DOHC										
1.8	ARX/AUM	4	110/150	DOHC	97→	CAM744 ■■						FOL133 ■■ (x12) FOL141 ■■ (x8)		
		81.00												
1.9 Diesel	AGR	4	66/89	SOHC	96→	CAM671 Eng: 034859→						FOL143 (x8)		
		79.50												
1.9 Diesel	ALH	4	66/89	SOHC	96→							FOL92 (x8)		
		79.50												
1.9 Diesel	AGP/AQM	4	50/68	SOHC	97→	CAM670						FOL143 (x8)		
		79.50												
1.9 Diesel	AHF/ASV	4	81/110	SOHC	97→	CAM671						FOL143 (x8)		
		79.50												
1.9 Diesel	ASZ	4	96/131	SOHC	00→	CAM672						FOL175 (x8)		
	ATD/AXR	79.50	74/100	SOHC										
	BJB		77/105	SOHC										
	BKC		77/105	SOHC										
	BLS/BXE		77/105	SOHC										

cc										
... Octavia										
2.0	AEG/APK/AQY	4 82.50	85/116	SOHC	99→				FOL143 (x8)	
2.0 Diesel	BMM	4 81.00	103/140	SOHC	05→	CAM904			FOL175 (x8)	
Praktik										
1.2	BZG	3 76.50		DOHC	07→				FOL179 (x12)	FOL167 (x12)
1.4 Diesel	BMS/BNV	3 79.50	59/80	SOHC	07→	CAM673			FOL114 (x6)	
Roomster										
1.2	BME	3 76.50	47/64	DOHC	06→				FOL179 (x12)	FOL167 (x12)
	BZG			DOHC						
1.4 Diesel	BMS/BNV	3 79.50	59/80	SOHC	06→	CAM673			FOL114 (x6)	
1.6	BTS	4 76.50	77/105	DOHC	06→				FOL179 (x16)	FOL167 (x16)
1.9 Diesel	BLS/BSW	4 79.50	77/105	SOHC	06→	CAM672			FOL175 (x8)	
Superb										
1.9 Diesel	AVB	4 79.50	74/100	SOHC	02→	CAM672			FOL175 (x8)	
	AVF/AWX		96/131	SOHC						
	BLS/BXE		77/105	SOHC						
1.9 Diesel	BPZ/BSV	4 79.50		SOHC	05→	CAM904			FOL175 (x8)	
2.0	AZM	4 82.50	85/116	SOHC	02→				FOL143 (x8)	
2.0 Diesel	BMP/BSS	4 81.00	103/140	SOHC	05→	CAM904			FOL175 (x8)	
2.5 Diesel	AYM	6 78.30	114/155	DOHC	02→	CAM700 ■ Cyl 1-3 CAM702 ■ Cyl 1-3 CAM701 ■ Cyl 4-6 CAM703 ■ Cyl 4-6			FOL159 (x24) FOL158 (x24) TTP4 (x24)	

cc			kW/PS						
Istana									
2.9 Diesel	OM 602.940	5 89.00	70/95	SOHC	92→95	CAM414			FOL84 (x10)
Korando									
2.3 Diesel	OM 601.940	4 89.00	57-59/ 77-80	SOHC	96→	CAM627			FOL84 (x8)
Musso									
2.3 Diesel	OM 601.940	4 89.00	57-59/ 77-80	SOHC	95→	CAM627			FOL84 (x8)

cc			kW/PS							
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Grand Vitara

2.0 Diesel	RHZ	4		SOHC	01→	CAM679		FOL163 (x8)	FOL154 (x8)	
		85.00								

Wagon R+

1.2	Z 12 XEP	4	59/80	DOHC	04→	CAM907		FOL183 (x16)	FOL102 (x16)	
		73.40								

cc



kW/PS



KIT



Samba

0.9	XV5	4 70.00	31-33/ 42-45		81→85	CAM540	CKS7540	FOL2 (x8)		

cc			Ø	kW/PS					KIT				
Avensis													
1.9 Diesel	1CD-FTV	4	66-85/ 82.20	DOHC	02→03	CAM682 ■							
						CAM685 ■							
2.0 Diesel	1CD-FTV	4	66-85/ 82.20	DOHC	99→	CAM682 ■							
						CAM685 ■							
Corolla													
2.0 Diesel	1CD-FTV	4	66-85/ 82.20	DOHC	00→	CAM682 ■							
						CAM685 ■							
Previa													
2.0 Diesel	1CD-FTV	4	66-85/ 82.20	DOHC	01→	CAM682 ■							
						CAM685 ■							
Rav 4 II													
2.0 Diesel	1CD-FTV	4	66-85/ 82.20	DOHC	01→	CAM682 ■							
						CAM685 ■							
Tarago													
2.0 Diesel	1CD-FTV	4	66-85/ 82.20	DOHC	03→05	CAM682 ■							
						CAM685 ■							

cc			kW/PS								
Agila											
1.0	Z 10 XE	3 72.50	43/58	DOHC	00→				FOL183 (x12)		
1.0	Z 10 XEP	3 73.40	44/60	DOHC	03→	CAM809			FOL183 (x12)	FOL102 (x12)	
1.2	Z 12 XE	4 72.50	55/75	DOHC	00→	CAM907			FOL183 (x16)	FOL102 (x16)	
	Z 12 XEP	4 73.40	59/80	DOHC							
Antara											
2.4	Z 24 XED	4 87.50	104/141	DOHC	06→	CAM462 CAM463				FOL107 (x8)	
Arena											
1.9 Diesel	F8Q 600	4 80.00	44/60	SOHC	98→01	CAM664				FOL149 (x8)	Mechanical
1.9 Diesel	F8Q 606	4 80.00	44/60	SOHC	98→01	CAM664				FOL180 (x8)	
2.5 Diesel	S8U 758	4 93.00	55-58/ 75-79	SOHC	98→01	CAM718					
	S8U 780/S8U 782		55/75	SOHC							
Astra											
1.3	13 S	4 75.00	42-55/ 57-75	SOHC	79→84	CAM316	CKS2316 CKS3316 CKS4316	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.6 Diesel	16 D	4 80.00	40/54	SOHC	82→86	CAM341	CKS2341 CKS4341	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.6	16 S	4 80.00	55-66/ 75-90	CIH	81→86	CAM317	CKS2317 CKS3317 CKS4317	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
	16 SH		66/89	SOHC							
Astra Mk II											
1.3	13 S	4 75.00	42-55/ 57-75	SOHC	84→91	CAM316	CKS2316 CKS3316 CKS4316	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.4	14 NV	4 77.60	53-55/ 72-75	SOHC	89→91	CAM365	CKS2365 CKS3365 CKS4365	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.4	C 14 NZ	4 77.60	44/60	SOHC	90→91	CAM369	CKS2369 CKS4369	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.5 Diesel	15 DT (T4EC1)	4 76.00	49-53/ 67-72	SOHC	88→91	CAM452					
1.6 Diesel	16 DA	4 80.00	40/54	SOHC	84→89	CAM341 Eng: →14498630 CAM364 Eng: 14498631→	CKS2341 Eng: →14498630 CKS4341 Eng: →14498630 CKS2364 Eng: 14498631→ CKS3364 Eng: 14498631→ CKS4364 Eng: 14498631→	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.6	16 S	4 80.00	55-66/ 75-90	CIH	84→86	CAM317	CKS2317 CKS3317 CKS4317	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
	16 SH		66/89	SOHC							
1.6	16 SV	4 79.00	60/82	SOHC	84→91	CAM359	CKS2359 CKS3359 CKS4359	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
2.0	20 SEH	4 86.00	95/129	SOHC	86→91	CAM429		FOL40 (x8)	FOL38 (x8) TTP1 (x8)		

cc												
... Astra Mk II												
2.0	20 NE	4	85/116	SOHC	87→93	CAM361	CKS2361	FOL40 (x8)	FOL38 (x8)			
		86.00					CKS4361		TTP1 (x8)			
	C 20 NE		85/115	SOHC								
Astra Mk III												
1.4	14 NV	4	53-55/ 72-75	SOHC	91→98	CAM365	CKS2365 CKS3365 CKS4365	FOL40 (x8)	FOL38 (x8)			
		77.60							TTP1 (x8)			
1.4	C 14 NZ	4	44/60	SOHC	91→98	CAM369	CKS2369 CKS4369	FOL40 (x8)	FOL38 (x8)			
		77.60							TTP1 (x8)			
1.4	C 14 SE	4	60/81	SOHC	91→01	CAM451	CKS2451	FOL40 (x8)	FOL38 (x8)			
		77.60							TTP1 (x8)			
1.4	X 14 XE	4	66/89	DOHC	96→01	CAM456			FOL107 (x16)			
		77.60				CAM457						
1.6	C 16 SE	4	74/100	SOHC	91→98			FOL40 (x8)	FOL38 (x8)			
		79.00							TTP1 (x8)			
	X 16 SZ		52/71	SOHC								
1.6	X 16 XEL	4	74/100	DOHC	94→98	CAM456			FOL107 (x16)			
		79.00				CAM457						
1.7 Diesel	17 DT (TC4EE1)	4	60/81	SOHC	91→98	CAM452						
		79.00										
1.8	C 18 NZ	4	66/89	SOHC	91→98	CAM361	CKS2361 CKS4361	FOL40 (x8)	FOL38 (x8)			
		84.80							TTP1 (x8)			
1.8	C 18 XE	4	92/125	DOHC	93→01	CAM462			FOL107 (x16)			
		81.60				CAM463						
	C 18 XEL/X 18 XE		85/116	DOHC								
2.0	C 20 NE	4	85/115	SOHC	91→98	CAM361	CKS2361 CKS4361	FOL40 (x8)	FOL38 (x8)			
		86.00							TTP1 (x8)			
2.0	X 20 XEV	4	100/136	DOHC	94→98	CAM462			FOL107 (x16)			
		86.00				CAM463						
Astra Mk IV												
1.2	X 12 XE	4	48/65	DOHC	98→00			FOL183 (x16)				
		72.50										
1.2	Z 12 XE	4	55/75	DOHC	00→	CAM907		FOL183 (x16)	FOL102 (x16)			
		72.50										
1.4	X 14 XE/Z 14 XE	4	66/89	DOHC	98→	CAM456			FOL107 (x16)			
		77.60				CAM457						
1.6	X 16 XEL	4	74/100	DOHC	98→	CAM456			FOL107 (x16)			
		79.00				CAM457						
	Z 16 XE		63-74/ 85-101	DOHC								
1.6	Z 16 SE	4	62-64/ 84-87	SOHC	00→	CAM735		FOL40 (x8)	FOL38 (x8)			
		79.00							TTP1 (x8)			
1.7 Diesel	Y 17 DT	4	55/75	DOHC	00→	CAM724			FOL178 (x16)			
		79.00				CAM725						
	Z 17 DTL		59/80	DOHC								
2.0 Diesel	X 20 DTL	4	60/81	SOHC	98→	CAM650			FOL107 (x16)			
		84.00										
	Y 20 DTH		74/100	SOHC								
	Y 20 DTL		60/81	SOHC								
2.0	X 20 XEV	4	100/136	DOHC	98→	CAM462			FOL107 (x16)			
		86.00				CAM463						
Astra Mk V												
1.4	Z 14 XEP	4	66/89	DOHC	04→	CAM907		FOL183 (x16)	FOL102 (x16)			
		73.40										
1.6	Z 16 LET	4	132/180	DOHC	06→	CAM456			FOL107 (x16)			
		79.00										
1.7 Diesel	Z 17 DTH	4	74/100	DOHC	04→	CAM724			FOL178 (x16)			
		79.00				CAM725						
	Z 17 DTL		59/80	DOHC								

cc			kW/PS								
Astra Twin Top											
1.6	Z 16 LET	4 79.00	132/180	DOHC	06→	CAM456 ■				FOL107 (x16)	
Astravan Mk III											
1.4	C 14 NZ	4 77.60	44/60	SOHC	91→94	CAM369	CKS2369 CKS4369	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.6	X 16 SZ	4 79.00	52/71	SOHC	94→96			FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
Astravan Mk IV											
1.6	Z 16 SE	4 79.00	62-64/ 84-87	SOHC	00→	CAM735		FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.7 Diesel	Y 17 DT	4 79.00	55/75	DOHC	01→	CAM724 ■ CAM725 ■			FOL178 (x16)		
	Z 17 DTL		59/80	DOHC							
2.0 Diesel	X 20 DTL	4 84.00	60/81	SOHC	98→	CAM650			FOL107 (x16)		
	Y 20 DTH		74/100	SOHC							
Astravan Mk V											
1.7 Diesel	Z 17 DTL	4 79.00	59/80	DOHC	05→06	CAM724 ■ CAM725 ■			FOL178 (x16)		
Belmont Mk II											
1.3	13 S	4 75.00	42-55/ 57-75	SOHC	85→91	CAM316	CKS2316 CKS3316 CKS4316	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.4	C 14 NZ	4 77.60	44/60	SOHC	90→91	CAM369	CKS2369 CKS4369	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.5 Diesel	15 DT	4 76.00	53/72	SOHC	87→90	CAM452					
	15 DT (T4EC1)		49-53/ 67-72	SOHC							
1.6 Diesel	16 DA	4 80.00	40/54	SOHC	85→91	CAM341 Eng: →14498630 CAM364 Eng: 14498631→	CKS2341 Eng: →14498630 CKS4341 Eng: →14498630 CKS2364 Eng: 14498631→ CKS3364 Eng: 14498631→ CKS4364 Eng: 14498631→	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.6	16 S	4 80.00	55-66/ 75-90	CIH	85→91	CAM317	CKS2317 CKS3317 CKS4317	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
	16 SH		66/89	SOHC							
1.6	16 SV	4 79.00	60/82	SOHC	89→91	CAM359	CKS2359 CKS3359 CKS4359	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
Calibra											
2.0	C 20 NE	4 86.00	85/115	SOHC	90→97	CAM361	CKS2361 CKS4361	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
2.0	X 20 XEV	4 86.00	100/136	DOHC	90→97	CAM462 ■ CAM463 ■			FOL107 (x16)		
Carlton Mk III											
1.8	18 NV	4 84.80	60/81	SOHC	86→94	CAM402		FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
	E 18 NVR		65/88	SOHC							
1.8	18 SEH	4 84.80	85/115	SOHC	86→94	CAM361	CKS2361 CKS4361	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
2.0	20 SE	4 86.00	90/122	SOHC	86→94	CAM361	CKS2361 CKS4361	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
	C 20 NE		85/115	SOHC							

cc												
Cavalier												
1.3	13 N	4	39-44/ 75.00	SOHC		77→81	CAM366			FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
2.0	20 S	4	74/100 95.00	CIH		77→81	CAM326				FOL5 (x8)	
2.0	20 SEH	4	95/129 86.00	SOHC		87→88	CAM429			FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
Cavalier Coupe												
2.0	20 S	4	74/100 95.00	CIH		78→81	CAM326				FOL5 (x8)	
Cavalier Mk II												
1.3	13 N	4	39-44/ 75.00	SOHC		81→88	CAM366			FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
	13 NB		44/60	SOHC								
1.3	13 S	4	42-55/ 75.00	SOHC		81→88	CAM316	CKS2316 CKS3316 CKS4316		FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
1.6 Diesel	16 D	4	40/54 80.00	SOHC		82→88	CAM341	CKS2341 CKS4341		FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
1.6 Diesel	16 DA	4	40/54 80.00	SOHC		82→88	CAM341 Eng: →14498630 CAM364 Eng: 14498631→	CKS2341 Eng: →14498630 CKS4341 Eng: →14498630 CKS2364 Eng: 14498631→ CKS3364 Eng: 14498631→ CKS4364 Eng: 14498631→		FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
1.6	16 N	4	51/69 80.00	SOHC		81→88	CAM317	CKS2317 CKS3317 CKS4317		FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
	16 S		55-66/ 75-90	CIH								
	16 SH		66/89	SOHC								
1.8	E 18 NV	4	62/84 84.80	SOHC		86→88	CAM402			FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
2.0	20 S	4	74/100 95.00	CIH		86→87	CAM326				FOL5 (x8)	
2.0	20 NE	4	85/116 86.00	SOHC		86→88	CAM361	CKS2361 CKS4361		FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
	20 SE		90/122	SOHC								
	C 20 NE		85/115	SOHC								
2.0	20 SEH	4	95/129 86.00	SOHC		87→88	CAM429			FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
Cavalier Mk III												
1.4	14 NV	4	53-55/ 77.60	SOHC		88→95	CAM365	CKS2365 CKS3365 CKS4365		FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
1.6	16 SV	4	60/82 79.00	SOHC		88→93	CAM359	CKS2359 CKS3359 CKS4359		FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
1.6	X 16 SZ	4	52/71 79.00	SOHC		93→95				FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
1.7 Diesel	17 DT (TC4EE1)	4	60/81 79.00	SOHC		88→95	CAM452					
1.8	C 18 NZ	4	66/89 84.80	SOHC		88→95	CAM361	CKS2361 CKS4361		FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
2.0	20 SEH	4	95/129 86.00	SOHC		88→92	CAM429			FOL40 (x8)	FOL38 (x8) TTP1 (x8)	

cc			kW/PS									
... Cavalier Mk III												
2.0	20 NE	4	85/116	SOHC	88→95	CAM361	CKS2361	FOL40 (x8)	FOL38 (x8)			
		86.00					CKS4361		TTP1 (x8)			
	C 20 NE		85/115	SOHC								
2.0	X 20 XEV	4	100/136	DOHC	93→95	CAM462 ■■			FOL107 (x16)			
		86.00				CAM463 ■■						
Chevette												
1.2	13 N	4	39-44/	SOHC	76→85	CAM366		FOL40 (x8)	FOL38 (x8)			
		75.00	53-60						TTP1 (x8)			
1.3	13 N	4	39-44/	SOHC	75→85	CAM366		FOL40 (x8)	FOL38 (x8)			
		75.00	53-60						TTP1 (x8)			
1.3	13 S	4	42-55/	SOHC	75→85	CAM316	CKS2316	FOL40 (x8)	FOL38 (x8)			
		75.00	57-75				CKS3316		TTP1 (x8)			
							CKS4316					
Combo Mk I												
1.2	C 12 NZ	4	33/45	SOHC	94→01	CAM453	CKS2453	FOL40 (x8)	FOL38 (x8)			
		72.00							TTP1 (x8)			
1.2	X 12 SZ	4	33/45	SOHC	94→01			FOL40 (x8)	FOL38 (x8)			
		72.00							TTP1 (x8)			
1.4	C 14 NZ	4	44/60	SOHC	94→01	CAM369	CKS2369	FOL40 (x8)	FOL38 (x8)			
		77.60					CKS4369		TTP1 (x8)			
1.4	C 14 SE	4	60/81	SOHC	94→01	CAM451	CKS2451	FOL40 (x8)	FOL38 (x8)			
		77.60							TTP1 (x8)			
Combo Mk II												
1.4	Z 14 XEP	4	66/89	DOHC	04→	CAM907 ■■		FOL183 (x16)	FOL102 (x16)			
		73.40										
1.6	Z 16 SE	4	62-64/	SOHC	01→	CAM735		FOL40 (x8)	FOL38 (x8)			
		79.00	84-87						TTP1 (x8)			
1.7 Diesel	Y 17 DT	4	55/75	DOHC	01→	CAM724 ■■			FOL178 (x16)			
		79.00				CAM725 ■■						
	Y 17 DTL		48/65	DOHC								
	Z 17 DTH		74/100	DOHC								
Corsa Convertible												
1.4	X 14 XE	4	66/89	DOHC	98→	CAM456 ■■			FOL107 (x16)			
		77.60				CAM457 ■■						
Corsa Mk II												
1.0	X 10 XE	3	40/54	DOHC	96→	CAM809 ■■		FOL183 (x12)	FOL102 (x12)			
		72.50										
	Z 10 XEP		44/60	DOHC								
		73.40										
1.0	Z 10 XE	3	43/58	DOHC	00→			FOL183 (x12)				
		72.50										
1.2	C 12 NZ	4	33/45	SOHC	93→00	CAM453	CKS2453	FOL40 (x8)	FOL38 (x8)			
		72.00							TTP1 (x8)			
1.2	X 12 SZ	4	33/45	SOHC	93→00			FOL40 (x8)	FOL38 (x8)			
		72.00							TTP1 (x8)			
1.2	X 12 XE	4	48/65	DOHC	98→00			FOL183 (x16)				
		72.50										
1.2	Z 12 XE	4	55/75	DOHC	00→	CAM907 ■■		FOL183 (x16)	FOL102 (x16)			
		72.50										
1.4	C 14 NZ	4	44/60	SOHC	93→00	CAM369	CKS2369	FOL40 (x8)	FOL38 (x8)			
		77.60					CKS4369		TTP1 (x8)			
1.4	C 14 SE	4	60/81	SOHC	93→00	CAM451	CKS2451	FOL40 (x8)	FOL38 (x8)			
		77.60							TTP1 (x8)			
1.4	X 14 XE/Z 14 XE	4	66/89	DOHC	94→	CAM456 ■■			FOL107 (x16)			
		77.60				CAM457 ■■						
1.5 Diesel	15 D	4	37/50	SOHC	93→00	CAM452						
		76.00										
	15 DT (T4EC1)		49-53/	SOHC								
			67-72									

cc											
		Ø	KW/PS					KIT			
... Corsa Mk II											
1.6	C 16 XE	4	78-80/ 79.00	DOHC	93→00	CAM456				FOL107 (x16)	
	X 16 XE		106-109 78/106	DOHC		CAM457					
1.7 Diesel	Y 17 DT	4	55/75 79.00	DOHC	00→	CAM724				FOL178 (x16)	
	Y 17 DTL		48/65	DOHC		CAM725					
	Z 17 DTH		74/100	DOHC							
Corsa Mk III											
1.0	Z 10 XEP	3	44/60 73.40	DOHC	06→	CAM809			FOL183 (x12)	FOL102 (x12)	
1.2	Z 12 XEP	4	59/80 73.40	DOHC	06→	CAM907			FOL183 (x16)	FOL102 (x16)	
1.4	Z 14 XEP	4	66/89 73.40	DOHC	06→	CAM907			FOL183 (x16)	FOL102 (x16)	
Corsavan											
1.4	C 14 NZ	4	44/60 77.60	SOHC	94→00	CAM369	CKS2369 CKS4369		FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
1.5 Diesel	15 D	4	37/50 76.00	SOHC	94→95	CAM452					
Corsavan Mk II											
1.2	Z 12 XE	4	55/75 72.50	DOHC	00→	CAM907			FOL183 (x16)	FOL102 (x16)	
1.4	Z 14 XEP	4	66/89 73.40	DOHC	03→06	CAM907			FOL183 (x16)	FOL102 (x16)	
1.7 Diesel	Y 17 DT	4	55/75 79.00	DOHC	00→	CAM724				FOL178 (x16)	
	Y 17 DTL		48/65	DOHC		CAM725					
Frontera											
2.0	C 20 NE	4	85/115 86.00	SOHC	92→98	CAM361	CKS2361 CKS4361		FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
2.2	X 22 XE	4	100/136 86.00	DOHC	95→98	CAM462				FOL107 (x16)	
				CAM463							
Frontera Mk II											
2.2 Diesel	X 22 DTH	4	85/116 84.00	SOHC	98→	CAM650				FOL107 (x16)	
	Y 22 DTH		85-88/ 116-120	SOHC							
Meriva											
1.4	Z 14 XEP	4	66/89 73.40	DOHC	04→	CAM907			FOL183 (x16)	FOL102 (x16)	
1.6	Z 16 LET	4	132/180 79.00	DOHC	06→	CAM456				FOL107 (x16)	
1.6	Z 16 SE	4	62-64/ 79.00	SOHC	03→	CAM735			FOL40 (x8)	FOL38 (x8) TTP1 (x8)	
1.6	Z 16 XE	4	63-74/ 79.00	DOHC	03→	CAM456				FOL107 (x16)	
1.7 Diesel	Z 17 DTH	4	74/100 79.00	DOHC	04→	CAM457				FOL178 (x16)	
						CAM724					
						CAM725					
Movano											
1.9 Diesel	F9Q 770	4	59/80 80.00	SOHC	00→	CAM706					
	F9Q 774		60/82	SOHC							
2.5 Diesel	S8U 770	4	59/80 93.00		98→00	CAM718					
2.8 Diesel	S9W 702	4	84/114 94.40	SOHC	98→01	CAM681				FOL169 (x8)	Mechanical

cc			kW/PS								
Nova											
1.2	12 ST	4 77.80	40-43/ 54-58	SOHC	82→87	CAM559	CKS2559 CKS4559	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.3	13 NB	4 75.00	44/60	SOHC	82→87	CAM366		FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
	13 SB		51/70	SOHC							
1.4	14 NV	4 77.60	53-55/ 72-75	SOHC	90→93	CAM365	CKS2365 CKS3365 CKS4365	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.4	C 14 NZ	4 77.60	44/60	SOHC	90→92	CAM369	CKS2369 CKS4369	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.4	C 14 SE	4 77.60	60/81	SOHC	90→92	CAM451	CKS2451	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.5 Diesel	15 D	4 76.00	37/50	SOHC	87→93	CAM452					
	15 DT (T4EC1)		49-53/ 67-72	SOHC							
Nova CC											
1.2	12 NV	4 77.80	38/52	SOHC	83→93	CAM559	CKS2559 CKS4559	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
	12 ST		40-43/ 54-58	SOHC							
1.2	C 12 NZ	4 72.00	33/45	SOHC	89→93	CAM453	CKS2453	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.3	13 NB	4 75.00	44/60	SOHC	83→89	CAM366		FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
	13 SB		51/70	SOHC							
1.4	14 NV	4 77.60	53-55/ 72-75	SOHC	90→93	CAM365	CKS2365 CKS3365 CKS4365	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.4	C 14 NZ	4 77.60	44/60	SOHC	90→93	CAM369	CKS2369 CKS4369	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.4	C 14 SE	4 77.60	60/81	SOHC	91→93	CAM451	CKS2451	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.5 Diesel	15 D	4 76.00	37/50	SOHC	87→93	CAM452					
	15 DT (T4EC1)		49-53/ 67-72	SOHC							
1.6	C 16 SE	4 79.00	74/100	SOHC	92→93			FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
Novavan											
1.2	12 NV	4 77.80	38/52	SOHC	90→94	CAM559	CKS2559 CKS4559	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.4	14 NV	4 77.60	53-55/ 72-75	SOHC	90→93	CAM365	CKS2365 CKS3365 CKS4365	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
1.5 Diesel	15 D	4 76.00	37/50	SOHC	91→94	CAM452					
Omega											
2.0	20 SE	4 86.00	90/122	SOHC	94→00	CAM361	CKS2361 CKS4361	FOL40 (x8)	FOL38 (x8) TTP1 (x8)		
2.0	X 20 XEV	4 86.00	100/136	DOHC	94→99	CAM462 ■ CAM463 ■			FOL107 (x16)		
2.2 Diesel	Y 22 DTH	4 84.00	85-88/ 116-120	SOHC	00→	CAM650			FOL107 (x16)		
Signum											
2.0 Diesel	Y 20 DTH	4 84.00	74/100	SOHC	03→	CAM650			FOL107 (x16)		
2.2 Diesel	Y 22 DTR	4 84.00	92/125	SOHC	03→	CAM650			FOL107 (x16)		

cc												
Sintra												
2.2 Diesel	X 22 DTH	4 84.00	85/116	SOHC	97→99	CAM650					FOL107 (x16)	
2.2	X 22 XE	4 86.00	100/136	DOHC	96→99	CAM462 II CAM463 IE					FOL107 (x16)	
Tigra												
1.4	X 14 XE	4 77.60	66/89	DOHC	94→	CAM456 II CAM457 IE					FOL107 (x16)	
1.4	Z 14 XEP	4 73.40	66/89	DOHC	04→	CAM907 IE			FOL183 (x16)		FOL102 (x16)	
1.6	X 16 XE	4 79.00	78/106	DOHC	94→	CAM456 II CAM457 IE					FOL107 (x16)	
Vectra B												
1.6	X 16 XEL/Y 16 XE Z 16 XE	4 79.00	74/100 63-74/ 85-101	DOHC DOHC	95→	CAM456 II CAM457 IE					FOL107 (x16)	
1.7 Diesel	X 17 DT (TC4EE1)	4 79.00	60/81	SOHC	95→96	CAM452						
1.8	X 18 XE	4 81.60	85/116	DOHC	95→00	CAM462 II CAM463 IE					FOL107 (x16)	
2.0 Diesel	X 20 DTL Y 20 DTH	4 84.00	60/81 74/100	SOHC SOHC	96→	CAM650					FOL107 (x16)	
2.0	X 20 XEV	4 86.00	100/136	DOHC	95→00	CAM462 II CAM463 IE					FOL107 (x16)	
2.2 Diesel	Y 22 DTR	4 84.00	92/125	SOHC	00→	CAM650					FOL107 (x16)	
Vectra Mk II												
1.6	Z 16 XE	4 79.00	63-74/ 85-101	DOHC	04→	CAM456 II CAM457 IE					FOL107 (x16)	
2.0 Diesel	Y 20 DTH	4 84.00	74/100	SOHC	02→	CAM650					FOL107 (x16)	
2.2 Diesel	Y 22 DTR	4 84.00	92/125	SOHC	02→	CAM650					FOL107 (x16)	
Vivaro												
1.9 Diesel	F9Q 760	4 80.00	74/101	SOHC	01→	CAM706						
Zafira												
1.6	X 16 XEL Z 16 XE	4 79.00	74/100 63-74/ 85-101	DOHC DOHC	99→	CAM456 II CAM457 IE					FOL107 (x16)	
2.0 Diesel	X 20 DTL Y 20 DTH	4 84.00	60/81 74/100	SOHC SOHC	99→	CAM650					FOL107 (x16)	
2.2 Diesel	Y 22 DTR	4 84.00	92/125	SOHC	01→05	CAM650					FOL107 (x16)	

cc			kW/PS											
140														
1.8	B 18 A	4	50-55/ 84.14	68-75 74/100	66→72	CAM77	CKS2077			FOL74 (x8)	Mechanical			
	B 18 B													
2.0	B 20 A	4	60/81 88.90		68→74	CAM77	CKS2077			FOL74 (x8)	Mechanical			
2.0	B 20 B	4	73-74/ 88.90	100-101	68→74	CAM78				FOL74 (x8)	Mechanical			
2.0	B 20 E	4	91/124 88.90		70→75	CAM80	CKS2080			FOL74 (x8)	Mechanical			
240														
2.0	B 20 A	4	60/81 88.90		74→76	CAM77	CKS2077			FOL74 (x8)	Mechanical			
2.3	B 230 A	4	81-86/ 96.00	SOHC 110-117	84→86					FOL104 (x8)	Mechanical			
480														
1.7	B 18 E	4	75/102 81.00	SOHC	86→89					FOL74 (x8)	Mechanical			
740														
2.3	B 230 A	4	81-86/ 96.00	SOHC 110-117	84→86					FOL104 (x8)	Mechanical			
2.4 Diesel	D 24 T	6	79-82/ 76.50	SOHC 107-112	85→92	CAM447				FOL92 (x12)				
	D 24 TIC			SOHC 85-95/ 115-129										
760														
2.4 Diesel	D 24 T	6	79-82/ 76.50	SOHC 107-112	82→92	CAM447				FOL92 (x12)				
	D 24 TIC			SOHC 85-95/ 115-129										
850														
2.0	B 5204 T2	5	132/180 81.00	DOHC	93→97					FOL156 (x20) →12/99				
2.5 Diesel	D 5252 T	5	103/140 81.00	SOHC	95→96	CAM442				FOL92 (x10)				
940														
2.4 Diesel	D 24 T	6	79-82/ 76.50	SOHC 107-112	90→98	CAM447				FOL92 (x12)				
	D 24 TIC			SOHC 85-95/ 115-129										
960														
2.4 Diesel	D 24 TIC	6	85-95/ 76.50	SOHC 115-129	90→94	CAM447				FOL92 (x12)				
C30														
1.6 Diesel	D 4164 T	4	80/109 75.00	DOHC	06→					FOL184 (x16)				
C70														
2.0	B 5204 T2	5	132/180 81.00	DOHC	97→05					FOL156 (x20) →12/99				
	B 5204 T3			DOHC 166/226										
Duett														
1.8	B 18 A	4	50-55/ 84.14	68-75	61→67	CAM77	CKS2077			FOL74 (x8)	Mechanical			
P121														
1.8	B 18 A	4	50-55/ 84.14	68-75	59→66	CAM77	CKS2077			FOL74 (x8)	Mechanical			
2.0	B 20 A	4	60/81 88.90		68→71	CAM77	CKS2077			FOL74 (x8)	Mechanical			

cc											
P122											
1.8	B 18 D	4 84.14	59-66/ 80-90	OHV	67→71	CAM77	CKS2077			FOL74 (x8)	Mechanical
2.0	B 20 B	4 88.90	73-74/ 100-101		68→71	CAM78				FOL74 (x8)	Mechanical
P544											
1.8	B 18 A B 18 D	4 84.14	50-55/ 68-75 59-66/ 80-90	OHV	61→67	CAM77	CKS2077			FOL74 (x8)	Mechanical
S40 I											
1.9 Diesel	D 4192 T	4 80.00	66/89	SOHC	95→99	CAM690					
S40 II											
1.6 Diesel	D 4164 T	4 75.00	80/109	DOHC	05→				FOL184 (x16)		
S70											
2.0	B 5204 T2 B 5204 T3	5 81.00	132/180 166/226	DOHC	97→00					FOL156 (x20) →12/99	
2.5 Diesel	D 5252 T	5 81.00	103/140	SOHC	97→00	CAM442				FOL92 (x10)	
S80											
1.6 Diesel	D 4164 T	4 75.00	80/109	DOHC	10→				FOL184 (x16)		
2.0	B 5204 T3	5 81.00	166/226	DOHC	98→06					FOL156 (x20) →12/99	
2.5 Diesel	D 5252 T	5 81.00	103/140	SOHC	99→06	CAM442				FOL92 (x10)	
V40											
1.9 Diesel	D 4192 T	4 80.00	66/89	SOHC	95→99	CAM690					
V50											
1.6 Diesel	D 4164 T	4 75.00	80/109	DOHC	05→				FOL184 (x16)		
V70											
1.6 Diesel	D 4164 T	4 75.00	80/109	DOHC	10→				FOL184 (x16)		
V70 I											
2.0	B 5204 T2 B 5204 T3	5 81.00	132/180 166/226	DOHC	97→00					FOL156 (x20) →12/99	
2.5 Diesel	D 5252 T	5 81.00	103/140	SOHC	96→00	CAM442				FOL92 (x10)	
V70 II											
2.5 Diesel	D 5252 T	5 81.00	103/140	SOHC	00→	CAM442				FOL92 (x10)	

cc			kW/PS											
Bora														
1.4	AHW	4 76.50	55/75		00→05						FOL179 (x16)	FOL167 (x16)		
	APE/BCA		55/75	DOHC										
1.6	AEH	4 81.00	74/100	SOHC	98→05							FOL143 (x8)		
1.6	ATN/AUS/AZD	4 76.50	77/105	DOHC	00→05						FOL179 (x16)	FOL167 (x16)		
	BAD		81/110	DOHC										
1.6	AVU	4 81.00	75/102	SOHC	00→05	CAM745						FOL154 (x8)		
1.8	AGU	4 81.00	110/150	DOHC	00→05	CAM743						FOL133 (x12)	FOL141 (x8)	
						CAM744								
1.8	AUM	4 81.00	110/150	DOHC	00→05	CAM744						FOL133 (x12)	FOL141 (x8)	
1.8	AUQ	4 81.00	132/180	DOHC	02→05	CAM743								
						CAM744								
1.9 Diesel	AGP/AQM	4 79.50	50/68	SOHC	98→05	CAM670						FOL143 (x8)		
1.9 Diesel	AGR	4 79.50	66/89	SOHC	98→01	CAM671 Eng: 034859→						FOL143 (x8)		
1.9 Diesel	AJM	4 79.50	85/116	SOHC	98→05	CAM672						FOL175 (x8)		
	ARL		110/150	SOHC										
	ASZ		96/131	SOHC										
	ATD		74/100	SOHC										
	AUY		85/116	SOHC										
	AXR		74/100	SOHC										
1.9 Diesel	AHF	4 79.50	81/110	SOHC	98→01	CAM671						FOL143 (x8)		
	ALH		66/89	SOHC										
	ASV		81/110	SOHC										
2.0	APK/AQY/AZH/AZJ	4 82.50	85/116	SOHC	98→05							FOL143 (x8)		
2.3	AGZ	5 81.00	110/150	DOHC	98→00							FOL92 (x10)		
Caddy														
1.9 Diesel	BLS	4 79.50	77/105	SOHC	08→10	CAM672						FOL175 (x8)		
Caddy I														
1.6	EW	4 81.00	55/75	SOHC	83→92							FOL92 (x8)		
1.6 Diesel	JK/ME	4 76.50	40/54	SOHC	82→92	CAM393						FOL92 (x8)		
1.8	JH	4 81.00	70/95	SOHC	85→92	CAM411						FOL92 (x8)		
Caddy II														
1.4	AEX	4 76.50	40/44/ 54/60	SOHC	95→04	CAM808						FOL143 (x8)		
1.4	AUA	4 76.50	55/75	DOHC	00→04						FOL179 (x16)	FOL167 (x16)		
1.6	AEE	4 76.50	55/75	SOHC	95→00							FOL143 (x8)		
	1F		53/55/ 72/75	SOHC										
1.7 Diesel	AHB	4 79.50	42/57	SOHC	96→00	CAM668						FOL92 (x8)		
1.9 Diesel	1Z/AHU/ALE	4 79.50	66/89	SOHC	96→04	CAM441						FOL92 (x8)		

cc													
... Caddy II													
1.9 Diesel	1Y	4	47/50/79.50	SOHC	95→04	CAM440						FOL92 (x8)	
	AEF		64/68	SOHC									
1.9 Diesel	AEY	4	47/64/79.50	SOHC	95→04	CAM668						FOL143 (x8)	
1.9 Diesel	ALH	4	66/89/79.50	SOHC	96→04	CAM671						FOL143 (x8)	
1.9 Diesel	AYQ	4	47/64/79.50	SOHC	95→04	CAM670						FOL143 (x8)	
Caddy III													
1.4	BCA	4	55/75/76.50	DOHC	04→					FOL179 (x16)		FOL167 (x16)	
	BUD		59/80	DOHC									
1.9 Diesel	BJB/BLS	4	77/105/79.50	SOHC	04→	CAM672						FOL175 (x8)	
1.9 Diesel	BSU	4	55/75/79.50	SOHC	05→	CAM904						FOL175 (x8)	
2.0 Diesel	BMM	4	103/140/81.00	SOHC	07→	CAM904						FOL175 (x8)	
2.0	BSX	4	80/109/82.50	DOHC	06→							FOL143 (x16)	
Cordoba													
1.8	KR	4	98/133/81.00	DOHC	89→92							FOL92 (x16)	
1.8	PG	4	118/160/81.00	SOHC	88→93							FOL92 (x8)	
2.0	ZE	4	85/115/82.50	SOHC	93→95							FOL143 (x8)	
	ADY		85/116	SOHC									
2.0	9A	4	100/136/82.50	DOHC	91→95							FOL92 (x16)	
2.9	ABV	6	140/190/82.00	DOHC	91→95							FOL92 (x12)	
Crafter 30-35													
2.5 Diesel	BJJ	5	65/88/81.00	SOHC	06→							FOL92 (x10)	
	BJK		80/109	SOHC									
	BJL		100/136	SOHC									
	BJM		120/163	SOHC									
Crafter 30-50													
2.5 Diesel	BJJ	5	65/88/81.00	SOHC	06→							FOL92 (x10)	
	BJK		80/109	SOHC									
	BJL		100/136	SOHC									
	BJM		120/163	SOHC									
Derby													
1.0	HZ	4	33/37/75.00	SOHC	81→84							FOL92 (x8)	
1.3	HK	4	40/54/75.00	SOHC	83→84							FOL92 (x8)	
EOS													
2.0 Diesel	BMM	4	103/140/81.00	SOHC	06→	CAM904						FOL175 (x8)	
Fox													
1.4 Diesel	BNM	3	51/70/79.50	SOHC	05→	CAM673						FOL114 (x6)	
1.9 Diesel	ASY	4	47/64/79.50	SOHC	07→	CAM670						FOL143 (x8)	

cc			kW/PS											
Golf														
1.8	RM	4 81.00	64/87	SOHC	84→94								FOL92 (x8)	
Golf I														
1.3	HK	4 75.00	40/54	SOHC	83→86								FOL92 (x8)	
1.6 Diesel	CR	4 76.50	40/54	SOHC	80→83								FOL91 (x8)	Mechanical
1.6 Diesel	CY	4 76.50	51/69	SOHC	80→83	CAM393							FOL92 (x8)	
	JK		40/54	SOHC										
1.6	EW	4 81.00	55/75	SOHC	83→92								FOL92 (x8)	
	RE		53/72	SOHC										
1.8	2H	4 81.00	72/98	SOHC	83→93								FOL92 (x8)	
	EX		66/89	SOHC										
1.8	DX/EV	4 81.00	82/111	SOHC	82→93	CAM411							FOL92 (x8)	
	JH		70/95	SOHC										
	PB		82/111	SOHC										
Golf II														
1.0	HZ	4 75.00	33/37/ 45/50	SOHC	85→91								FOL92 (x8)	
1.3	2G/HK/MH	4 75.00	40/54	SOHC	83→92								FOL92 (x8)	
	NU		37/50	SOHC										
1.6 Diesel	IV	4 76.50	44/60	SOHC	83→91	CAM393							FOL92 (x8)	
	JP		40/54	SOHC										
	JR		51/70	SOHC										
	ME		40/54	SOHC										
	MF		51/70	SOHC										
	RA/SB		59/80	SOHC										
1.6	EZ	4 81.00	55/75	SOHC	83→92								FOL92 (x8)	
	PN		51/70	SOHC										
	RF		53/72	SOHC										
1.8	1H/PG	4 81.00	118/160	SOHC	86→91								FOL92 (x8)	
	RH		62/84	SOHC										
	RP		66/89	SOHC										
1.8	1P	4 81.00	72/98	SOHC	83→91	CAM411							FOL92 (x8)	
	DX/EV		82/111	SOHC										
	GX		66/89	SOHC										
	PB		82/111	SOHC										
	PF/RD		79/107	SOHC										
1.8	KR	4 81.00	98/133	DOHC	86→91								FOL92 (x16)	
	PL		95/129	DOHC										

cc											
Golf III											
1.3	2G	4 75.00	40/54	SOHC		91→92				FOL92 (x8)	
1.4	ABD	4 75.00	40/44/ 55/60	SOHC		91→99				FOL143 (x8)	
1.4	AEX	4 76.50	40/44/ 54/60	SOHC		91→99	CAM808			FOL143 (x8)	
1.6	ABU/AEA/AEE	4 76.50	55/75	SOHC		92→99				FOL143 (x8)	
	AEK/AFT/AKS	4 81.00	74/100	SOHC							
1.8	AAM	4 81.00	55/75	SOHC		91→99				FOL143 (x8)	
	ABS/ADZ	4 81.00	66/89	SOHC							
1.9 Diesel	1Y	4 79.50	47/50/ 64/68	SOHC		91→99	CAM440			FOL92 (x8)	
	AAZ	4 79.50	55/75	SOHC							
1.9 Diesel	1Z	4 79.50	66/89	SOHC		93→99	CAM441			FOL92 (x8)	
	AFN	4 79.50	81/110	SOHC							
	AHU/ALE	4 79.50	66/89	SOHC							
1.9 Diesel	AEY	4 79.50	47/64	SOHC		95→99	CAM668			FOL143 (x8)	
2.0	2E	4 82.50	85/115	SOHC		91→99				FOL143 (x8)	
	ADY	4 82.50	85/116	SOHC							
	AEP	4 82.50	79/107	SOHC							
	AGG	4 82.50	85/116	SOHC							
2.0	ABF	4 82.50	110/150	DOHC		92→97	CAM739			FOL92 (x16)	
		4 82.50					CAM740				
2.8	AAA	6 81.00	128/174	DOHC		92→97				FOL92 (x12)	
2.9	ABV	6 82.00	140/190	DOHC		94→99				FOL92 (x12)	
Golf IV											
1.4	AHW	4 76.50	55/75			97→				FOL179 (x16)	FOL167 (x16)
	APE/BCA	4 81.00	55/75	DOHC							
1.6	AEH/AFT/AKS	4 81.00	74/100	SOHC		97→02				FOL143 (x8)	
1.6	ATN/AUS/AZD	4 76.50	77/105	DOHC		00→				FOL179 (x16)	FOL167 (x16)
	BAD	4 81.00	81/110	DOHC							
	BAG	4 81.00	85/115	DOHC							
1.6	AVU	4 81.00	75/102	SOHC		00→	CAM745			FOL154 (x8)	
1.8	AAM	4 81.00	55/75	SOHC		98→02				FOL143 (x8)	
	ADZ	4 81.00	66/89	SOHC							
1.8	AGU/ARZ	4 81.00	110/150	DOHC		97→	CAM743			FOL133 (x12)	FOL141 (x8)
		4 81.00					CAM744				
1.8	AUM	4 81.00	110/150	DOHC		97→	CAM744			FOL133 (x12)	FOL141 (x8)
		4 81.00									
1.8	AUQ	4 81.00	132/180	DOHC		01→05	CAM743				
		4 81.00					CAM744				
1.9 Diesel	AAZ	4 79.50	55/75	SOHC		97→99	CAM440			FOL92 (x8)	

cc			kW/PS											
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... Golf IV													
1.9 Diesel	AFN	4	81/110	SOHC	98→02	CAM441						FOL92 (x8)	
	AHU/ALE		66/89	SOHC									
	AVG		81/110	SOHC									
1.9 Diesel	AGP/AQM	4	50/68	SOHC	97→	CAM670						FOL143 (x8)	
	AGR	4	66/89	SOHC	97→06	CAM671						FOL143 (x8)	
						Eng: 034859→							
1.9 Diesel	AJM	4	85/116	SOHC	98→	CAM672						FOL175 (x8)	
	ARL		110/150	SOHC									
	ASZ		96/131	SOHC									
	ATD		74/100	SOHC									
	AUY		85/116	SOHC									
	AXR		74/100	SOHC									
1.9 Diesel	AHF	4	81/110	SOHC	97→06	CAM671						FOL143 (x8)	
	ALH		66/89	SOHC									
	ASV		81/110	SOHC									
2.0	AGG/APK/AQY/AZH/AZJ/BEH	4	85/116	SOHC	98→							FOL143 (x8)	
		82.50											
2.3	AGZ	5	110/150	DOHC	97→							FOL92 (x10)	
		81.00											
2.8	AAA	6	128/174	DOHC	97→99							FOL92 (x12)	
		81.00											

Golf Plus													
1.4	BCA	4	55/75	DOHC	05→							FOL179 (x16)	FOL167 (x16)
	BUD/CGGA		59/80	DOHC									
1.9 Diesel	BKC/BLS	4	77/105	SOHC	05→	CAM672						FOL175 (x8)	
	BRU		66/89	SOHC									
	BXE		77/105	SOHC									
	BXF		66/90	SOHC									
1.9 Diesel	BXJ	4	66/90	SOHC	05→	CAM904						FOL175 (x8)	
		79.50											
2.0 Diesel	AZV	4	100/136	DOHC	05→	CAM651						FOL104 (x16)	Mechanical
		81.00											
2.0 Diesel	BMM	4	103/140	SOHC	05→	CAM904						FOL175 (x8)	
		81.00											

Golf V													
1.4	BCA	4	55/75	DOHC	03→							FOL179 (x16)	FOL167 (x16)
	BKG		66/89	DOHC									
	BUD		59/80	DOHC									
1.6	BAG	4	85/115	DOHC	03→							FOL179 (x16)	FOL167 (x16)
		76.50											
1.9 Diesel	BKC/BLS	4	77/105	SOHC	03→	CAM672						FOL175 (x8)	
	BRU		66/89	SOHC									
	BXE		77/105	SOHC									
	BXF		66/90	SOHC									
1.9 Diesel	BXJ	4	66/90	SOHC	04→	CAM904						FOL175 (x8)	
		79.50											
2.0 Diesel	AZV	4	100/136	DOHC	03→	CAM651						FOL104 (x16)	Mechanical
		81.00											
2.0	BHY	4	85/115	SOHC	06→							FOL143 (x8)	
		82.50											

cc													
... Golf V													
2.0 Diesel	BMM	4 81.00	103/140	SOHC	04→	CAM904						FOL175 (x8)	
Golf VI													
1.4	BUD/CGGA	4 76.50	59/80	DOHC	08→				FOL179 (x16)			FOL167 (x16)	
2.0 Diesel	BMM	4 81.00	103/140	SOHC	09→	CAM904						FOL175 (x8)	
Jetta I													
1.6 Diesel	CR	4 76.50	40/54	SOHC	80→84							FOL91 (x8)	Mechanical
1.6 Diesel	CY	4 76.50	51/69	SOHC	80→84	CAM393						FOL92 (x8)	
	JK		40/54	SOHC									
1.6	EW	4 81.00	55/75	SOHC	82→83							FOL92 (x8)	
1.8	DX	4 81.00	82/111	SOHC	82→84	CAM411						FOL92 (x8)	
Jetta II													
1.3	ZG/HK/MH	4 75.00	40/54	SOHC	84→91							FOL92 (x8)	
1.6 Diesel	1V	4 76.50	44/60	SOHC	84→91	CAM393						FOL92 (x8)	
	JP		40/54	SOHC									
	JR		51/70	SOHC									
	ME		40/54	SOHC									
	MF		51/70	SOHC									
	RA/SB		59/80	SOHC									
1.6	EZ	4 81.00	55/75	SOHC	84→92							FOL92 (x8)	
	PN		51/70	SOHC									
	RF		53/72	SOHC									
1.8	1P	4 81.00	72/98	SOHC	84→91	CAM411						FOL92 (x8)	
	EV		82/111	SOHC									
	GX		66/89	SOHC									
	PB		82/111	SOHC									
	PF/RD		79/107	SOHC									
	RV		77/105	SOHC									
1.8	KR	4 81.00	98/133	DOHC	86→91							FOL92 (x16)	
	PL		95/129	DOHC									
1.8	RH	4 81.00	62/84	SOHC	86→91							FOL92 (x8)	
	RP		66/89	SOHC									
2.0	9A	4 82.50	100/136	DOHC	89→92							FOL92 (x16)	
Jetta III													
1.9 Diesel	BKC/BLS/BXE	4 79.50	77/105	SOHC	05→	CAM672						FOL175 (x8)	
2.0 Diesel	AZV	4 81.00	100/136	DOHC	05→	CAM651						FOL104 (x16)	Mechanical
2.0 Diesel	BMM	4 81.00	103/140	SOHC	05→	CAM904						FOL175 (x8)	
Logus													
1.8	RM	4 81.00	64/87	SOHC	93→94							FOL92 (x8)	

cc			kW/PS							
LT 28-35										
2.4	1E	6 76.50	70/95	SOHC	89→96				FOL92 (x12)	
2.4 Diesel	1G	6 76.50	68/92	SOHC	91→96	CAM447			FOL92 (x12)	
	ACL		70/95	SOHC						
2.4 Diesel	DV	6 76.50	75/80/ 102/109	SOHC	91→92	CAM447 01/90→			FOL92 (x12) 01/90→ FOL91 (x12) →12/89	Mechanical
LT 28-46										
2.5 Diesel	AGX	5 81.00	55/75		96→	CAM442			FOL92 (x10)	
	AHD		75/102	SOHC						
	ANJ		80/109							
	APA		66/89	SOHC						
	AVR		80/109	SOHC						
	BBE		61/82	SOHC						
	BBF		70/95	SOHC						
LT 28-55										
2.4 Diesel	1G	6 76.50	68/92	SOHC	88→96	CAM447			FOL92 (x12)	
	1S		51/70	SOHC						
	ACL		70/95	SOHC						
	ACT		51/70	SOHC						
2.4 Diesel	CP	6 76.50	55/75	SOHC	78→93	CAM447 01/90→			FOL92 (x12) 01/90→ FOL91 (x12) →12/89	Mechanical
	DV		75/80/ 102/109	SOHC						
	DW		55/57/ 75/78	SOHC						
LT 40-55										
2.4	1E	6 76.50	70/95	SOHC	88→96				FOL92 (x12)	
2.4 Diesel	1G	6 76.50	68/92	SOHC	91→96	CAM447			FOL92 (x12)	
	ACL		70/95	SOHC						
2.4 Diesel	DV	6 76.50	75/80/ 102/109	SOHC	79→92	CAM447 01/90→			FOL92 (x12) 01/90→ FOL91 (x12) →12/89	Mechanical
	DW		55/57/ 75/78	SOHC						
LT28-50										
2.4 Diesel	1S	6 76.50	51/70	SOHC	91→96	CAM447			FOL92 (x12)	
	ACL		70/95	SOHC						
2.4 Diesel	DW	6 76.50	55/57/ 75/78	SOHC	91→92	CAM447 01/90→			FOL92 (x12) 01/90→ FOL91 (x12) →12/89	Mechanical
LT40-55										
2.4 Diesel	1G	6 76.50	68/92	SOHC	88→91	CAM447			FOL92 (x12)	

cc			kW/PS									
Passat												
1.6	1F	4 81.00	53/55/ 72/75 74/100	SOHC SOHC	88→00						FOL143 (x8)	
	AEK/AFT/AHL											
1.6	ALZ	4 81.00	74/100	SOHC	00→05	CAM745					FOL154 (x8)	
1.6 Diesel	CR	4 76.50	40/54	SOHC	79→88						FOL91 (x8)	Mechanical
1.6 Diesel	CY	4 76.50	51/69	SOHC	80→93	CAM393					FOL92 (x8)	
	JK RA/SB		40/54 59/80	SOHC SOHC								
1.6	DT/EZ	4 81.00	55/75	SOHC	80→91						FOL92 (x8)	
	PP RL		51/70 53/72	SOHC								
1.8	AAM	4 81.00	55/75	SOHC	88→97						FOL143 (x8)	
	ABS/ADZ		66/89	SOHC								
1.8	AEB/ANB/APU	4 81.00	110/150	DOHC	96→00	CAM743 ■ CAM744 ■					FOL133 ■ (x12) FOL141 ■ (x8)	
1.8	AWM	4 81.00	125/170	DOHC	00→05	CAM744 ■					FOL133 ■ (x12) FOL141 ■ (x8)	
	AWT		110/150	DOHC								
1.8	KR	4 81.00	98/133	DOHC	88→93						FOL92 (x16)	
1.8	DZ/PB	4 81.00	82/111	SOHC	83→93	CAM411					FOL92 (x8)	
	PF		79/107	SOHC								
1.8	DS	4 81.00	66/89	SOHC	83→97						FOL92 (x8)	
	PG RM RP		118/160 64/87 66/89	SOHC SOHC SOHC								
1.9 Diesel	1Y	4 79.50	47/50/ 64/68 55/75	SOHC SOHC	89→97	CAM440					FOL92 (x8)	
	AAZ											
1.9 Diesel	1Z	4 79.50	66/89	SOHC	88→00	CAM441					FOL92 (x8)	
	AFN AHU AVG		81/110 66/89 81/110	SOHC SOHC SOHC								
1.9 Diesel	AJM	4 79.50	85/116	SOHC	98→	CAM672					FOL175 (x8)	
	ATJ AVB AVF/AWX BKC/BLS/BXE		85/116 74/100 96/131 77/105	SOHC SOHC SOHC SOHC								
2.0	2E	4 82.50	85/115	SOHC	90→05						FOL143 (x8)	
	ADY AEP AGG/AZM		85/116 79/107 85/116	SOHC SOHC SOHC								
2.0	9A	4 82.50	100/136	DOHC	88→93						FOL92 (x16)	
2.0	ABF	4 82.50	110/150	DOHC	94→97	CAM739 ■ CAM740 ■					FOL92 (x16)	
2.0 Diesel	BMP	4 81.00	103/140	SOHC	05→	CAM904					FOL175 (x8)	

cc											
... Passat											
2.0	JS	5 81.00	85/115	SOHC	83→88					FOL92 (x10)	
2.2	JT	5 81.00	88/120	SOHC	85→88					FOL92 (x10)	
	KV		100/136	SOHC							
	KX		85/116	SOHC							
2.3	AGZ	5 81.00	110/150	DOHC	96→00					FOL92 (x10)	
2.5 Diesel	AFB/AKN	6 78.30	110/150	DOHC	98→05					FOL159 (x24)	FOL158 (x24) TTP4 (x24)
						CAM700 ■ Cyl 1-3					
						CAM702 ■ Cyl 1-3					
						CAM701 ■ Cyl 4-6					
						CAM703 ■ Cyl 4-6					
2.8	AAA	6 81.00	128/174	DOHC	91→97					FOL92 (x12)	
2.9	ABV	6 82.00	140/190	DOHC	94→97					FOL92 (x12)	
Pointer											
1.8	RM	4 81.00	64/87	SOHC	93→94					FOL92 (x8)	
Polo											
1.0	AAK/AAU	4 75.00	33/44	SOHC	85→99					FOL92 (x8)	
	AEV		33/45	SOHC							
	HZ		33/37/ 45/50	SOHC							
1.0	AER	4 67.10	37/50	SOHC	96→01					FOL143 (x8)	
1.2	AZQ	3 76.50	47/64	DOHC	01→					FOL179 (x12)	FOL167 (x12)
	BZG		51/69	DOHC							
	CGPA		51/70	DOHC							
	CGPB		44/60	DOHC							
1.3	ADX	4 76.50	40/54	SOHC	94→95					FOL143 (x8)	
1.3 P/D	ZG	4 75.00	40/54	SOHC	83→94					FOL92 (x8)	
	3F		55/57/ 75/78	SOHC							
	AAV/HK/MH		40/54	SOHC							
	MN		33/44	SOHC							
	PY		85/115	SOHC							
1.4 Diesel	1W	4 75.00	35/47	SOHC	90→94					FOL92 (x8)	
1.4	AEX	4 76.50	40/44/ 54/60	SOHC	95→01	CAM808				FOL143 (x8)	









cc			kW/PS								
∅											
... Polo											
1.4	AFK	4 76.50	74/100	DOHC	99→				FOL179 (x16)	FOL167 (x16)	
	AHW		55/75								
	APE/AUA		55/75	DOHC							
	AUB		74/100	DOHC							
	AXU		63/86								
	BBY		55/75								
	BBZ		74/100	DOHC							
	BUD		59/80	DOHC							
	CGGB		63/85	DOHC							
1.4 Diesel	AMF	3 79.50	55/75	SOHC	99→	CAM673				FOL114 (x6)	
	BAY		55/75								
	BMS		59/80	SOHC							
	BNM		51/70	SOHC							
1.6	AEA/AEE	4 76.50	55/75	SOHC	94→01					FOL143 (x8)	
	1F		53/55/	SOHC							
		81.00	72/75								
	AEH/AFT		74/100	SOHC							
1.6	AJV	4 76.50	88/120	DOHC	98→01				FOL179 (x16)	FOL167 (x16)	
	ARC/AVY		92/125	DOHC							
1.7 Diesel	AHG	4 79.50	42/57	SOHC	97→01	CAM668				FOL92 (x8)	
	AKU		44/60	SOHC							
	AKW		42/57	SOHC							
1.8	ADD/ADZ	4 81.00	66/89	SOHC	97→01					FOL143 (x8)	
1.8	BBU	4 81.00	132/180	DOHC	05→	CAM744				FOL133 (x12) FOL141 (x8)	
	BJX		110/150	DOHC							
1.9 Diesel	1Y	4 79.50	47/50/ 64/68	SOHC	94→01	CAM440				FOL92 (x8)	
	AEF		47/64	SOHC							
1.9 Diesel	AEY	4 79.50	47/64	SOHC	95→01	CAM668				FOL143 (x8)	
1.9 Diesel	AFN	4 79.50	81/110	SOHC	96→01	CAM441				FOL92 (x8)	
	AHU/ALE		66/89	SOHC							
1.9 Diesel	AGD	4 79.50	47/64	SOHC	96→01	CAM668				FOL92 (x8)	
1.9 Diesel	AGP/AQM	4 79.50	50/68	SOHC	99→	CAM670				FOL143 (x8)	
	ASY		47/64	SOHC							
1.9 Diesel	AGR	4 79.50	66/89	SOHC	96→01	CAM671 Eng: 034859→				FOL143 (x8)	
1.9 Diesel	ALH	4 79.50	66/89	SOHC	96→01	CAM671				FOL143 (x8)	
	ASV		81/110	SOHC							
1.9 Diesel	ASZ	4 79.50	96/131	SOHC	01→	CAM672				FOL175 (x8)	
	ATD/AXR		74/100	SOHC							
	BLT		96/131	SOHC							
1.9 Diesel	BMT	4 79.50	74/101	SOHC	01→	CAM904				FOL175 (x8)	
2.0	ADC	4 82.50	85/116	SOHC	99→					FOL143 (x8)	
	BBX		85/115	SOHC							

cc										
Santana										
1.6 Diesel	CR	4 76.50	40/54	SOHC	81→84				FOL91 (x8)	Mechanical
1.6 Diesel	CY	4 76.50	51/69	SOHC	81→84	CAM393			FOL92 (x8)	
	JK		40/54	SOHC						
1.6	DT	4 81.00	55/75	SOHC	81→84				FOL92 (x8)	
1.8	DS	4 81.00	66/89	SOHC	83→94				FOL92 (x8)	
2.0	JS	5 81.00	85/115	SOHC	83→84				FOL92 (x10)	
Saveiro										
1.6	1F	4 81.00	53/55/ 72/75	SOHC	90→02				FOL143 (x8)	
1.6	EW	4 81.00	55/75	SOHC	90→02				FOL92 (x8)	
1.6 Diesel	SB	4 76.50	59/80	SOHC	91→96	CAM393			FOL92 (x8)	
Scirocco										
1.6	EW	4 81.00	55/75	SOHC	83→90				FOL92 (x8)	
	RE		53/72	SOHC						
1.8	DX/EV	4 81.00	82/111	SOHC	82→92	CAM411			FOL92 (x8)	
	JH		70/95	SOHC						
	PB		82/111	SOHC						
1.8	EX	4 81.00	66/89	SOHC	83→92				FOL92 (x8)	
1.8	KR	4 81.00	98/133	DOHC	85→92				FOL92 (x16)	
	PL		95/129	DOHC						
Sharan										
1.8	AJH/AWC	4 81.00	110/150	DOHC	97→	CAM743			FOL133 (x12)	
						CAM744			FOL141 (x8)	
1.9 Diesel	1Z	4 79.50	66/89	SOHC	95→	CAM441			FOL92 (x8)	
	AFN		81/110	SOHC						
	AHU		66/89	SOHC						
	AVG		81/110	SOHC						
1.9 Diesel	ANU	4 79.50	66/89	SOHC	95→	CAM672			FOL175 (x8)	
	ASZ		96/131	SOHC						
	AUY		85/116	SOHC						
	BTB		110/150	SOHC						
1.9 Diesel	BVK	4 79.50	85/115	SOHC	00→	CAM904			FOL175 (x8)	
2.0	ABF	4 82.50	110/150	DOHC	95→00	CAM739			FOL92 (x16)	
						CAM740				
2.0	ADY/ATM	4 82.50	85/116	SOHC	95→				FOL143 (x8)	
2.0 Diesel	BRT	4 81.00	103/140	DOHC	05→	CAM904			FOL175 (x8)	
2.8	AAA	6 81.00	128/174	DOHC	95→00				FOL92 (x12)	

cc			kW/PS									
Spacefox												
1.9 Diesel	ASY	4 79.50	47/64	SOHC	07→	CAM670					FOL143 (x8)	
Touareg												
2.5 Diesel	BAC	5 81.00	128/174	SOHC	03→	CAM730					FOL114 (x10)	
Touran												
1.6	BAG	4 76.50	85/115	DOHC	03→					FOL179 (x16)	FOL167 (x16)	
1.9 Diesel	AVQ	4 79.50	74/100	SOHC	03→	CAM672					FOL175 (x8)	
	BKC/BLS		77/105	SOHC								
	BRU		66/89	SOHC								
	BXE		77/105	SOHC								
	BXF		66/90	SOHC								
1.9 Diesel	BXJ	4 79.50	66/90	SOHC	04→	CAM904					FOL175 (x8)	
2.0 Diesel	AZV	4 81.00	100/136	DOHC	03→	CAM651					FOL104 (x16)	Mechanical
2.0 Diesel	BMM	4 81.00	103/140	SOHC	05→	CAM904					FOL175 (x8)	
2.0	BSX	4 82.50	80/109	DOHC	06→						FOL143 (x16)	
Transporter IV												
1.8	PD	4 81.00	49/67	SOHC	90→92						FOL92 (x8)	
1.9 Diesel	1X	4 79.50	44/60	SOHC	90→03	CAM440					FOL92 (x8)	
	ABL		50/68	SOHC								
2.0	AAC	4 81.00	62/84	SOHC	90→03						FOL143 (x8)	
2.4 Diesel	AAB	5 79.50	57/77	SOHC	90→03	CAM630					FOL92 (x10)	
	AJA		55/75									
2.5	AAF/ACU/AET/AEU	5 81.00	81/110	SOHC	90→03						FOL143 (x10)	
	APL/AVT		85/116	SOHC								
2.5 Diesel	ACV	5 81.00	74/100	SOHC	95→03	CAM442					FOL92 (x10)	
	AHY		111/151									
	AJT		65/88									
	AUF		75/102									
	AXG		111/151	SOHC								
	AXL/AYC		75/102	SOHC								
	AYY		65/88	SOHC								
2.8	AES	6 81.00	103/140	SOHC	95→00						FOL92 (x12)	
Transporter T4												
1.6	EZ	4 81.00	55/75	SOHC	92→00						FOL92 (x8)	
2.8	AES	6 81.00	103/140	SOHC	96→00						FOL92 (x12)	

cc										
Transporter V										
1.9 Diesel	AXB	4 79.50	77/105	SOHC	03→	CAM672			FOL175 (x8)	
	AXC		63/85	SOHC						
1.9 Diesel	BRR	4 79.50	62/84	SOHC	06→	CAM904			FOL175 (x8)	
	BRS		75/102	SOHC						
2.0	AXA	4 82.50	85/116	SOHC	03→				FOL143 (x8)	
2.5 Diesel	AXD	5 81.00	96/131	SOHC	03→	CAM730			FOL114 (x10)	
	AXE		128/174	SOHC						
2.5 Diesel	BNZ	5 81.00	96/131	SOHC	03→	CAM912			FOL114 (x10)	
Vento										
1.4	ABD	4 75.00	40/44/ 55/60	SOHC	91→98				FOL143 (x8)	
1.4	AEX	4 76.50	40/44/ 54/60	SOHC	91→98	CAM808			FOL143 (x8)	
1.6	ABU/AEA/AEE	4 76.50	55/75	SOHC	92→98				FOL143 (x8)	
	AEK/AFT	81.00	74/100	SOHC						
1.8	AAM	4 81.00	55/75	SOHC	91→98				FOL143 (x8)	
	ABS/ADZ		66/89	SOHC						
1.9 Diesel	1Y	4 79.50	47/50/ 64/68	SOHC	91→98	CAM440			FOL92 (x8)	
	AAZ		55/75	SOHC						
1.9 Diesel	1Z	4 79.50	66/89	SOHC	93→98	CAM441			FOL92 (x8)	
	AFN		81/110	SOHC						
	AHU/ALE		66/89	SOHC						
1.9 Diesel	AEY	4 79.50	47/64	SOHC	97→98	CAM668			FOL143 (x8)	
2.0	AAC	4 81.00	62/84	SOHC	91→98				FOL143 (x8)	
	ZE	82.50	85/115	SOHC						
	ADY		85/116	SOHC						
	AEP		79/107	SOHC						
	AGG		85/116	SOHC						
2.8	AAA	6 81.00	128/174	DOHC	92→98				FOL92 (x12)	
Voyage										
1.0	AER	4 67.10	37/50	SOHC	96→01				FOL143 (x8)	
1.8	RM	4 81.00	64/87	SOHC	84→88				FOL92 (x8)	
1.9 Diesel	1Y	4 79.50	47/50/ 64/68	SOHC	96→01	CAM440			FOL92 (x8)	
1.9 Diesel	1Z	4 79.50	66/89	SOHC	99→01	CAM441			FOL92 (x8)	

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CKS2080	VOLVO 98						
CKS2185	FORD 30, 31, 32, 33, 35, 36						
CKS2186	FORD 31, 32, 33, 35, 36, 37						









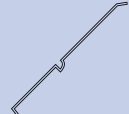

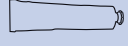
NUMERICAL PARTS LIST

Nummerische Teilenummernliste • Elenco riferimenti • Liste des références produits
 Lista de referencias • Lista numeryczna części • Список номеров деталей

							
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 KIT	 CAMSHAFT	 TAPPETS	 LIFTERS	 FOLLOWERS	 THRUST PAD	 OIL FEED PIPE	 ROCKER SHAFT	 PRE LUBE
CKS1049	CAM49 (1)			FOL8 (8)		OFF1 (1)		59-99001A (1)
CKS1052	CAM52 (1)			FOL8 (8)		OFF1 (1)		59-99001A (2)
CKS2069	CAM69 (1)	FOL14 (16)						59-99001A (2)
CKS2077	CAM77 (1)	FOL74 (8)						59-99001A (2)
CKS2080	CAM80 (1)	FOL74 (8)						59-99001A (2)
CKS2185	CAM185 (1)	FOL15 (8)						59-99001A (2)
CKS2186	CAM186 (1)	FOL15 (8)						59-99001A (2)
CKS2316	CAM316 (1)			FOL40 (8)				59-99001A (2)
CKS2317	CAM317 (1)			FOL40 (8)				59-99001A (2)
CKS2341	CAM341 (1)			FOL40 (8)				59-99001A (2)
CKS2354	CAM354 (1)	FOL73 (8)						59-99001A (2)
CKS2359	CAM359 (1)			FOL40 (8)				59-99001A (2)
CKS2361	CAM361 (1)			FOL40 (8)				59-99001A (2)
CKS2364	CAM364 (1)			FOL40 (8)				59-99001A (2)
CKS2365	CAM365 (1)			FOL40 (8)				59-99001A (2)
CKS2367	CAM367 (1)			FOL40 (8)				59-99001A (2)
CKS2369	CAM369 (1)			FOL40 (8)				59-99001A (2)
CKS2373	CAM373 (1)	FOL73 (8)						59-99001A (2)
CKS2381	CAM436 (1)			FOL122 (8)				59-99001A (2)
CKS2451	CAM451 (1)			FOL40 (8)				59-99001A (2)
CKS2453	CAM453 (1)			FOL40 (8)				59-99001A (2)
CKS2559	CAM559 (1)			FOL40 (8)				59-99001A (2)
CKS2565	CAM565 (1)	FOL90 (8)						59-99001A (2)
CKS2634	CAM634 (1)	FOL74 (8)						59-99001A (2)
CKS2648	CAM648 (1)			FOL101 (12)				59-99001A (2)
CKS3316	CAM316 (1)			FOL40 (8)	TTP1 (8)			59-99001A (2)
CKS3317	CAM317 (1)			FOL40 (8)	TTP1 (8)			59-99001A (2)
CKS3359	CAM359 (1)			FOL40 (8)	TTP1 (8)			59-99001A (2)
CKS3364	CAM364 (1)			FOL40 (8)	TTP1 (8)			59-99001A (2)
CKS3365	CAM365 (1)			FOL40 (8)	TTP1 (8)			59-99001A (2)
CKS3368	CAM368 (1)			FOL40 (8)	TTP1 (8)			59-99001A (2)
CKS3648	CAM648 (1)		FOL100 (12)	FOL101 (12)				59-99001A (2)
CKS4316	CAM316 (1)		FOL38 (8)	FOL40 (8)	TTP1 (8)			59-99001A (2)
CKS4317	CAM317 (1)		FOL38 (8)	FOL40 (8)	TTP1 (8)			59-99001A (2)
CKS4341	CAM341 (1)		FOL38 (8)	FOL40 (8)	TTP1 (8)			59-99001A (2)
CKS4359	CAM359 (1)		FOL38 (8)	FOL40 (8)	TTP1 (8)			59-99001A (2)
CKS4361	CAM361 (1)		FOL38 (8)	FOL40 (8)	TTP1 (8)			59-99001A (2)
CKS4364	CAM364 (1)		FOL38 (8)	FOL40 (8)	TTP1 (8)			59-99001A (2)
CKS4365	CAM365 (1)		FOL38 (8)	FOL40 (8)	TTP1 (8)			59-99001A (2)
CKS4367	CAM367 (1)		FOL38 (8)	FOL40 (8)	TTP1 (8)			59-99001A (2)
CKS4369	CAM369 (1)		FOL38 (8)	FOL40 (8)	TTP1 (8)			59-99001A (2)
CKS4559	CAM559 (1)		FOL38 (8)	FOL40 (8)	TTP1 (8)			59-99001A (2)
CKS7540	CAM540 (1)			FOL2 (8)				59-99001A (2)
CKS8410	CAM410 (1)			FOL132 (12)			52-11011-BA (2)	59-99001A (2)
CKS8435	CAM435 (1)			FOL132 (12)			52-11011-BA (2)	59-99001A (2)
CKS9049	CAM49 (1)		59-18022-BA (8)	FOL8 (8)		OFF1 (1)		59-99001A (2)
CKS9377	CAM377 (1)	FOL82 (8)		FOL83 (8)				59-99001A (2)
CKS9378	CAM378 (1)	FOL88 (8)						59-99001A (2)
CKS9382	CAM382 (1)	FOL85 (8)						59-99001A (2)
CKS9403	CAM403 (1)		FOL79 (8)	FOL80 (8)				59-99001A (2)
CKS9439	CAM631 (1)	FOL5 (12)						59-99001A (2)



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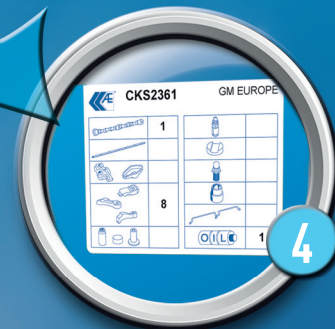


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TROUBLE TRACER CHART

CARBONISED OIL DEPOSITS

Appearance: Carbonised oil build-up on cam and followers.

Causes: Excessive operating temperatures resulting from marginal lubrication conditions due to contaminated lubricating oil or blockages/restrictions in oil feed galleries.

Remedy: Thoroughly flush the lubrication system, ensuring that all galleries and hydraulic lifters (where fitted) are free from blockages & debris. Install new camshaft and followers, prime with extreme pressure lubricant and replace oil and oil filter.



CAM-LOBE AND FOLLOWER WEAR

Appearance: Premature wear of one or more cam-lobes & followers. Follower contact surface will be concaved with chipped edges.

Causes: Incompatible cam-lobe & follower contact surface geometry. Often caused by fitting new camshaft with old followers or vice versa. Can also result from lubricant starvation from blocked or restriction in oil supply.

Remedy: Thoroughly flush the lubricating system, replace cam and followers, prime with extreme pressure lubricant and replace oil and oil filter.

Do not mix old and new components.



BASE CIRCLE CONTACT MARKING

Appearance: Witness marking on base circle of cam-lobes, biased to one side.

Causes: Worn hydraulic lifter and/or retainer springs.

Remedy: Replace cam and followers if marks are deep, otherwise set tappets to correct clearance. Thoroughly flush the lubricating system and replace oil and filter.



FOLLOWER BREAKAGE

Causes: Mechanical overload resulting from:

- 1 Sticking or seized valve, resulting in the follower to break due to cam-lobe pressure.
- 2 Piston contact with the valve due to:
 - a Weak valve spring
 - b Over extended hydraulic lifter
 - c Incorrect assembly of valve tip-cap
 - d Timing belt breakage
 - e Or through over high revving of engine.
- 3 Incorrect valve timing.

Remedy: investigate & rectify the mechanical overload cause. Thoroughly flush the lubricating system, replace all damage components, prime cam and followers, with extreme pressure lubricant and replace oil and oil filter.



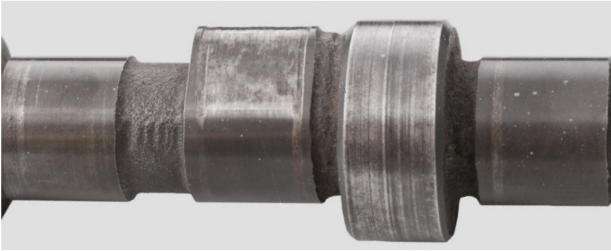
TROUBLE TRACER CHART

EXCESSIVE CAM-LOBE WEAR

Appearance: Severe cam-lobe wear.

Causes: Contaminated lubricating oil, tappet clearances too tight, excessive valve spring pressure.

Remedy: Thoroughly flush the lubrication system, install new camshaft and followers. Adjust tappets to the correct clearances, prime with extreme pressure lubricant and replace oil and oil filter.

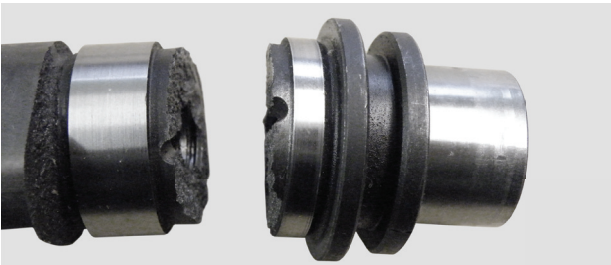


BROKEN CAMSHAFT

Appearance: Camshaft breakage between or through cam-lobes.

Causes: Severe distorted camshaft housing or cylinder head. Incorrect torque sequence and mishandling can also cause similar breakage.

Remedy: Straighten or replace camshaft carrier/cylinder head, use correct bolt torque sequence and handle with care. Thoroughly flush the lubricating system, replace cam and followers, prime with extreme pressure lubricant and replace oil and oil filter.



'SCORED' BEARINGS

Appearance: Severe scoring of the camshaft bearings.

Cause: Contaminated lubricating oil, i.e. foreign particles circulating in oil.

Remedy: Thoroughly flush the lubricating system, replace cam and followers, prime with extreme pressure lubricant and replace oil and oil filter.

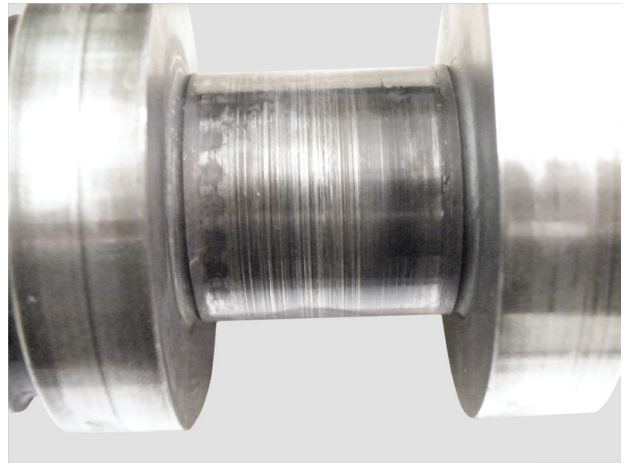


OVERHEATED CAMSHAFT

Appearance: Cam-lobes, bearings & followers have a 'blue' discoloration.

Causes: Severe overheating of engine due to malfunction of the cooling system.

Remedy: Investigate and rectify the cause of the overheating. Thoroughly flush the lubricating system, replace cam and followers, prime with extreme pressure lubricant and replace oil and oil filter.



PHYSICAL DAMAGE TO CAMSHAFT & FOLLOWERS

Appearance: Cam-lobes, bearings & followers "chipped"

Causes: Excessive end-float due to:

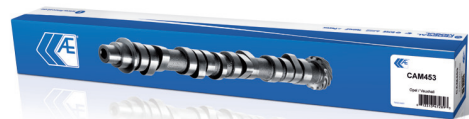
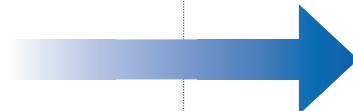
- a Worn thrust washer
- b Loose distributor
- c Worn distributor drive gear
- d Or misaligned timing gears

Remedy: Investigate and rectify the cause of the damage. Thoroughly flush the lubricating system, replace cam and followers, prime with extreme pressure lubricant and replace oil and oil filter.





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