



auto  
**attex** 

**CONSTANT VELOCITY JOINTS-DRIVESHAFTS**

**2012**



**150.000 km** Estimated mileage

**12 months**  
**60.000 km** Extended guarantee



ATTEX is proud to present its new catalogue of outer, inner c.v. joints and drive shafts. We have researched the market requirements to create most compatible range for our high quality products.

ATTEX Company produces c.v. joints with unique molybdenum cover in separator zone. To assure highly optimal hardness of the working surfaces, components of c.v. joints are produced from high-quality steel and heat treated with high-frequency currents. Every batch of raw materials is tested in labs according to the pre-set parameters of the leading automakers.

ATTEX c.v. joints are 100% tested after the heat treatment. Production processes in separator zone are made after the heat treatment, which guarantee highest accuracy and quality.

#### Content of kit:

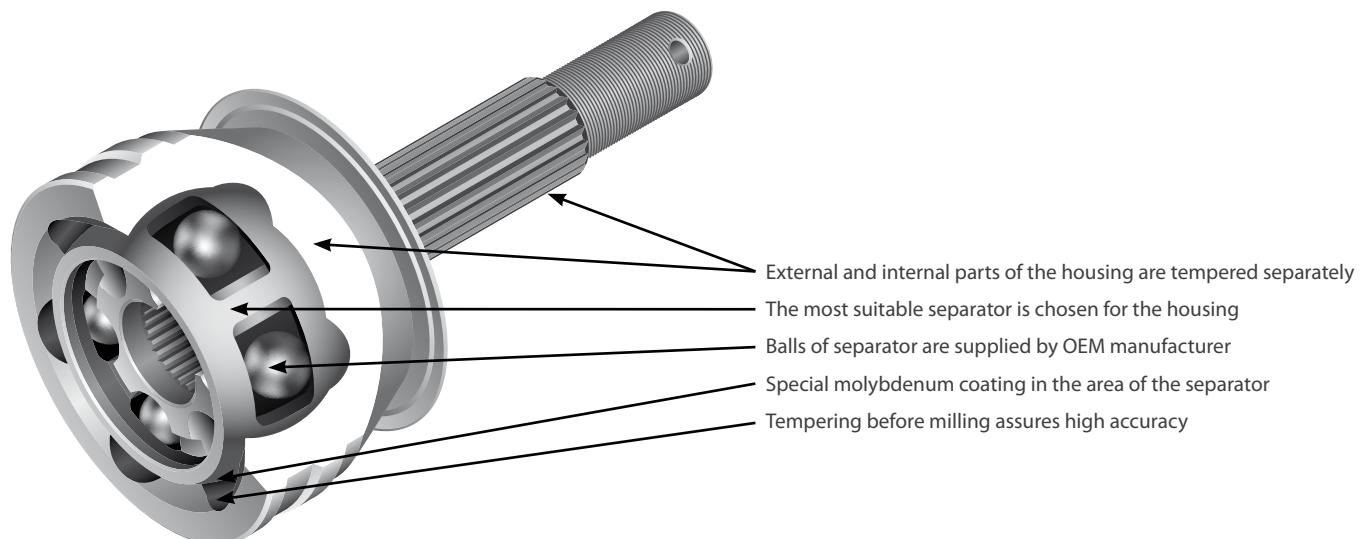
- C.V. joint
- Dust cover
- Clamps
- Nut
- Grease

ATTEX dust cover is operating in extreme temperature conditions, from -50° C to +55° C.

ATTEX is well aware of the need to set up and maintain an efficient Quality Assurance System. Our QA system is designed to ensure that all finished products fully comply with contractual specifications. In keeping with corporate policy on product quality, the QA system is constantly monitored so as to constitute a real guarantee of all processes, from production through system control, product testing material procurement and technical documentation. The company's quality system has already been certified to ISO 9001/2000 and ISO/TS 16949 standards.

#### Quality control tests:

- Static torsion test
- Capacity test
- Dust cover testing in high and low temperatures
- Life test
- Functioning test





**150.000 км** Расчетный пробег

**12 месяцев**  
**60.000 км** Расширенная  
гарантия



ATTEX с гордостью представляет каталог внешних, внутренних ШРУСов и приводных валов. Мы исследовали потребности рынка и создали продукцию высокого качества для самых популярных автомобилей России.

ATTEX компания производит ШРУСы с уникальным покрытием молибдена в зоне сепаратора. Для обеспечения оптимальной твердости рабочих поверхностей, компоненты ШРУСов изготавливаются из высококачественной стали, термически обработанной с высокочастотными токами. Каждая партия материала проверяется в лабораториях в соответствии с заданными параметрами ведущих авто производителей.

ATTEX ШРУСы 100% тестированные после термической обработки. Производственные процессы в зоне сепаратора делаются после термической обработки, что гарантирует высокую точность и качество.

#### Содержание комплекта:

- ШРУС
- Пыльник
- Зажимы
- Гайки
- Смазка

Пыльники ATTEX работают как в условиях экстремального холода (до -50° C), так и в условиях критической жары (+55° C).

ATTEX хорошо информирована о необходимости создания и поддержания эффективной системы обеспечения качества. Наша система призвана обеспечить, чтобы вся готовая продукция полностью соответствовала договорной спецификации. В соответствии с корпоративной политикой на качество продукции, наша система качества постоянно контролируется таким образом, чтобы представлять собой реальную гарантию всех процессов, от производства до системы управления, тестирование продукта закупки материалов и технической документации. Система качества компании уже сертифицирована по ISO 9001/2000 и ISO / TS 16949.

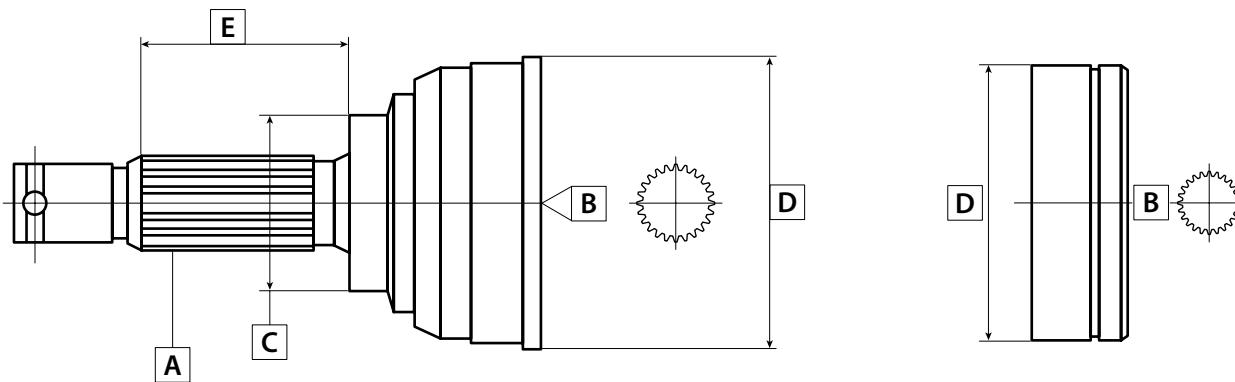
#### Проводимые испытания контроля за качеством:

- тестирование статического кручения;
- тест нагрузки;
- проверка пыльника ШРУСа при низких и высоких температурах;
- проверка на долговечность;
- проверка функциональности.



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### SYMBOLS / СИМВОЛЫ

TECHNICAL SPECIFICATIONS		ТЕХНИЧЕСКИЕ СПЕЦИФИКАЦИИ
<b>C.V. Joints</b>		<b>Шарниры равных угловых скоростей</b>
<b>A</b>	Number of splines of the outer bell	Количество зубов наружного соединения
<b>B</b>	Number of inner race splines	Количество зубов внутреннего соединения
<b>C</b>	Diameter of seatingface for dustshield	Диаметр масленого сальника
<b>ABS</b>	Number of teeth on ABS ring	Количество зубов кольца ABS
<b>D</b>	Maximum outside housing diameter or inner shifting joint	Максимальный внешний диаметр корпуса
<b>E</b>	Overall length of the shaft-hub connection	Общая длина соединения вала со ступицей
<b>Driveshafts</b>		<b>Приводные валы</b>
<b>A</b>	Splined pin teeth, wheel side	Количество зубов наружного соединения, со стороны колеса
<b>B</b>	Inner spline teeth, differential side	Количество зубов внутреннего соединения, со стороны КПП
<b>C</b>	Splined pin teeth, differential side	Количество зубов наружного соединения, со стороны КПП
<b>D</b>	Bell diameter wheel side	Диаметр корпуса стороны колеса
<b>E</b>	Bell diameter, differential side	Диаметр корпуса стороны КПП
<b>F</b>	Diameter of tripod cross-roller differential side	Диаметр ролика трипода со стороны КПП
<b>H</b>	Bell pin length, wheel side	Длина соединения, со стороны колеса
<b>I</b>	Bell pin length, differential side	Длина соединения, со стороны КПП
<b>L</b>	Compressed driveshaft length	Длина сжатого приводного вала
<b>ABS</b>	ABS ring teeth	Количество зубов кольца ABS

### WAY OF RETENTION OF THE SHAFT СПОСОБ ФИКСАЦИИ ВАЛА

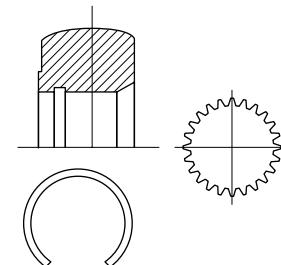


Fig. 1

With circlip inside the race  
Стопорное кольцо крепится внутри обоймы

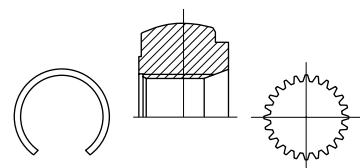


Fig. 2

With circlip at the base of the race  
Стопорное кольцо крепится у основания обоймы

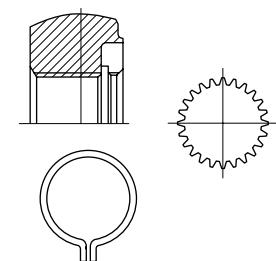


Fig. 3

With snap ring in front of the race  
Стопорное кольцо крепится спереди обоймы

## ABBREVIATIONS / СОКРАЩЕНИЯ

<b>UK</b>	<b>RU</b>
<b>-5000</b>	To chassis n. 5000
<b>5001-</b>	From chassis n. 5001
<b>16v</b>	16 Valves
<b>4/5 Sp.</b>	Number of gears
<b>4WD</b>	Four wheel drive
<b>A/T</b>	Automatic transmission
<b>Air cond.</b>	Air conditioning
<b>All models</b>	All models
<b>Axale</b>	Axle
<b>Berlina</b>	Saloon
<b>Carb.</b>	Carburetor
<b>Cyl.</b>	Cylinder
<b>D</b>	Diesel
<b>DC</b>	Dust cover
<b>DOHC</b>	Double overhead camshaft
<b>Driving school</b>	Driving school
<b>Eng.</b>	Engine
<b>Exc.</b>	Except
<b>Fds</b>	End of production
<b>FWD</b>	Front wheel drive
<b>G.box</b>	Gearbox
<b>H-back</b>	Hatchback
<b>i.e.</b>	Electronic injection
<b>Inc.</b>	Included
<b>kW</b>	Kilowatt
<b>M/T</b>	Manual transmission
<b>Mod.</b>	Model
<b>Nut</b>	Nut
<b>OHC</b>	Overhead camshaft
<b>Prod.</b>	Production
<b>Q</b>	Quintal
<b>RWD</b>	Rear wheel drive
<b>SE</b>	Electric power-steering
<b>SI</b>	Hydraulic power-steering
<b>SW</b>	Station wagon
<b>TD</b>	Turbodiesel
<b>Turbo</b>	Turbo
<b>Twin Cam</b>	Double overhead camshaft
<b>V. Commerciali/LCV</b>	Light Commercial (LCV)
<b>Van</b>	Van
<b>w/</b>	With
<b>w/o</b>	Without

<b>SYMBOLS</b>	<b>СИМВОЛЫ</b>
C.v. joints wheel side (AN...)	Внутренний шрус (АН...)
C.v. joints gearbox side (AV...)	Наружный шрус (АВ...)
Driveshafts (AP...)	Приводной вал (АР...)
<b>Year</b>	Год
<b>TRANSM</b>	Transmission
<b>L/R</b>	Left/Right
<b>WS</b>	Wheel side
<b>GS</b>	Gearbox side
<b>NOTE</b>	Note

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications											
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M

**ALFA ROMEO**
**166 (936) '98-**

2.0 V6 (151 kW) Eng. AR34102	9/98-	M/T	R	.					AV34332		28		108								
2.5 V6 24v (140 kW) Eng. AR34201	98-00	M/T	R	.					AV34332		28		108								
3.0 V6 24v (166 kW) Eng. AR34301	98-00	M/T	R	.					AV34332		28		108								

**AUDI**
**100 I (C1) '68-'76**

1.6 (63 kW) Eng. YM	75-76			.		Ch 51000051-61077763			AN11302	26	25	56,5	90	50						4	3
1.6 (63 kW) Eng. YM	75-76			.		Ch 51000051-61077763			AV34330		33		94								
1.8 LS (74 kW) Eng. ZZ	10/70-7/76	M/T+A/T		.		Ch 51000051-44J200099			AN11302	26	25	56,5	90	50						4	3
1.9 GL, Coupe (82 kW) Eng. ZJ	71-8/76	M/T+A/T		.		Ch 51000051-61077767			AN11302	26	25	56,5	90	50						4	3

**100 II (43, C2), Avant '76-'83**

1.6 (63 kW) Eng. YV	9/76-7/82	M/T+A/T		.		Ch 4372007746-43C090315			AN11302	26	25	56,5	90	50						4	3
1.9 (74 kW) Eng. WH	8/80-7/82	M/T		.					AN11302	26	25	56,5	90	50						4	3
1.9 (74 kW) Eng. WH	8/80-7/82	M/T		.					AV34332		28		108								
2.0 D (51 kW) Eng. CN	8/78-7/82	M/T+A/T		.					AN11302	26	25	56,5	90	50						4	3
2.0 D (51 kW) Eng. CN	8/78-7/82	M/T+A/T		.		Ch 43A0040622-			AV34332		28		108								
2.1 (100 kW) Eng. WC	3/77-7/82	M/T+A/T		.		-ABS			AN11302	26	25	56,5	90	50						4	3
2.1 (100 kW) Eng. WC	3/77-7/82	M/T+A/T		.		-ABS, D22Ch 43A0040622-			AV34332		28		108								
2.1 (100 kW) Eng. WG	3/77-7/82	M/T+A/T		.		-ABS			AN11302	26	25	56,5	90	50						4	3
2.1 (100 kW) Eng. WG	3/77-7/82	M/T+A/T		.		-ABS, Ch 43A0040622-			AV34332		28		108								
2.1 (85 kW) Eng. WB/ WE	3/77-7/82	M/T+A/T		.		-ABS			AN11302	26	25	56,5	90	50						4	3
2.1 (85 kW) Eng. WB/ WE	3/77-7/82	M/T+A/T		.		-ABS, Ch 43A0040622-			AV34332		28		108								

**100 III (44, 44Q, C3), Avant '82-'91**

1.8 (55 kW) Eng. DR/ RS	8/82-8/87	M/T+A/T		.		-ABS			AN11302	26	25	56,5	90	50						4	3
1.8 (65 kW) Eng. SH	86-90	M/T		.		Ch 44J200100-44M050000			AN11294	38	25	59,5	90	34						13	3
1.8 (65 kW) Eng. SH	86-90	M/T+A/T		.		Ch 44D090541-44J200099			AN11302	26	25	56,5	90	50						4	3
1.8 (66 kW) Eng. JW/ NP	83-89	M/T		.		Ch 44J200100-44M050000			AN11294	38	25	59,5	90	34						13	3
1.8 (66 kW) Eng. JW/ NP	83-89	M/T+A/T		.		Ch 44D090541-44J200099			AN11302	26	25	56,5	90	50						4	3
1.8 quattro (65 kW) Eng. SH	86-12/87	M/T+A/T		.		-ABS, FWD+RWD, Ch 44F023308-44J200099			AN11302	26	25	56,5	90	50						4	3
1.8 quattro (65 kW) Eng. SH	86-90			.		FWD+RWD			AV34332		28		108								
1.8 quattro (66 kW) Eng. JW/ NP	10/84-12/87	M/T+A/T		.		-ABS, FWD+RWD, Ch 44F023308-44J200099			AN11302	26	25	56,5	90	50						4	3
1.8 quattro (66 kW) Eng. JW/ NP	10/84-89			.		FWD+RWD			AV34332		28		108								
1.8 quattro Kat (66 kW) Eng. 4B/ PH	85-12/87	M/T+A/T		.		FWD+RWD, Ch 44F023308-44J200099			AN11302	26	25	56,5	90	50						4	3
1.8 quattro Kat (66 kW) Eng. 4B/ PH	85-12/90			.		FWD+RWD			AV34332		28		108								
1.9 (74 kW) Eng. WH	8/82-7/84	M/T		.		Ch 43B000001-44J200099			AN11302	26	25	56,5	90	50						4	3
1.9 (74 kW) Eng. WH	8/82-7/84	M/T		.		Ch 43B000001-44J200099			AV34332		28		108								
2.0 (83 kW) Eng. SL	86-87	M/T+A/T		.		-ABS, Ch 44F000001-44J200099			AN11302	26	25	56,5	90	50						4	3
2.0 (83 kW) Eng. SL	86-87	M/T+A/T		.		Ch 44F000001-44J200099			AV34332		28		108								
2.0 (85 kW) Eng. KP	8/84-12/87	M/T+A/T		.		-ABS, Ch 44F000001-44J200099			AN11302	26	25	56,5	90	50						4	3

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications									
									A	B	C	D	E	F	H	I	L	M

## AUDI

### 100 III (44, 44Q, C3), Avant '82-'91 (continued)

2.0 (85 kW) Eng. KP	8/84-12/87	M/T+A/T		.	Ch 44F000001-44J200099		AV34332		28		108								
2.0 D (51 kW) Eng. CN	1/88-7/89	M/T		.	-ABS, Ch 44J200100-44K300000		AN11294	38	25	59,5	90	34						13	3
2.0 D (51 kW) Eng. CN	8/82-7/88	M/T+A/T		.	Ch 43A040622-44J200099		AN11302	26	25	56,5	90	50						4	3
2.0 D (51 kW) Eng. CN	8/82-7/89	M/T+A/T		.			AV34332		28		108								
2.0 Kat (85 kW) Eng. RT	1/88-12/90	M/T		.	Ch 44J200100-44M050000		AN11294	38	25	59,5	90	34						13	3
2.0 Kat (85 kW) Eng. RT	1/88-12/90	M/T+A/T		.	Ch 44J200100-44M050000		AV34332		28		108								
2.0 TD (64 kW) Eng. DE	8/82-2/88	M/T+A/T		.	Ch 43C031546-44J200099		AN11302	26	25	56,5	90	50						4	3
2.0 TD (64 kW) Eng. DE	8/82-2/88	M/T+A/T		.			AV34332		28		108								
2.0 TD (74 kW) Eng. NC	3/88-12/90	M/T		.	-ABS, Ch 44J224409-44M050000		AN11294	38	25	59,5	90	34						13	3
2.0 TD (74 kW) Eng. NC	3/88-12/90	M/T		.			AV34332		28		108								
2.1 (100 kW) Eng. WC	1/84-7/84	M/T		.	Ch 44J200100-44M050000		AN11294	38	25	59,5	90	34						13	3
2.1 (100 kW) Eng. WC	8/82-7/84	M/T+A/T		.	Ch 43A040622-44J200099		AN11302	26	25	56,5	90	50						4	3
2.1 (100 kW) Eng. WC	82-84	M/T+A/T		.			AV34332		28		108								
2.2 quattro, Kat (101 kW) Eng. KU	10/84-12/87	M/T+A/T		.	FWD+RWD, Ch 44F023308-44J200099		AN11302	26	25	56,5	90	50						4	3
2.2 quattro, Kat (101 kW) Eng. KU	8/85-7/86			.	FWD, Ch 44G000001-44G300000		AN11302	26	25	56,5	90	50						4	3
2.2 quattro, Kat (101 kW) Eng. KU	10/84-12/87	M/T+A/T		.	FWD+RWD		AV34332		28		108								
2.2 T. (121 kW) Eng. MC	86-11/90	M/T+A/T		.			AV34332		28		108								
2.2 T. quattro (121 kW) Eng. MC	3/86-12/87			.	-FWD, Ch 44G102130-44J200099		AV34332		28		108								
2.3 (98 kW) Eng. NF	1/90-11/90	M/T		.	Ch 44J200100-44M050000		AN11294	38	25	59,5	90	34						13	3
2.3 (98 kW) Eng. NF	1/90-11/90	M/T+A/T		.	3Sp, Ch 44E034756-44J200099		AN11302	26	25	56,5	90	50						4	3
2.3 (98 kW) Eng. NF	1/90-11/90	M/T+A/T		.	3Sp		AV34332		28		108								
2.3 E (100 kW) Eng. NF	1/88-12/90	M/T		.	-ABS, Ch 44J200100-44M050000		AN11294	38	25	59,5	90	34						13	3
2.3 E (100 kW) Eng. NF	86-11/90	M/T+A/T		.	3Sp, Ch 44E034756-44J200099		AN11302	26	25	56,5	90	50						4	3
2.3 E (100 kW) Eng. NF	86-90	M/T+A/T		.	3Sp		AV34332		28		108								
2.3 E quattro (100 kW) Eng. NF	86-12/87	M/T+A/T		.	FWD+RWD, Ch 44F023308-44J200099		AN11302	26	25	56,5	90	50						4	3
2.3 E quattro (100 kW) Eng. NF	86-12/90	M/T+A/T		.	FWD+RWD		AV34332		28		108								
2.3 quattro (98 kW) Eng. NF	1/90-11/90	M/T+A/T		.	-ABS, FWD+RWD, Ch 44F023308-44J200099		AN11302	26	25	56,5	90	50						4	3
2.3 quattro (98 kW) Eng. NF	1/90-11/90	M/T+A/T		.	FWD+RWD		AV34332		28		108								
2.4 D (60 kW) Eng. 3D	8/89-12/90	M/T		.	-ABS, Ch 44L000001-44M050000		AN11294	38	25	59,5	90	34						13	3
2.4 D (60 kW) Eng. 3D	8/89-7/91	M/T+A/T		.	+ABS, Ch 4AM000001-	45	AN11274	38	30	59,4	90	34						13	2

### 100 IV (4A, C4), Avant '90-'94

2.0 (74 kW) Eng. AAE	12/90-7/94	M/T+A/T		.	+ABS, Ch 4AM000001-4AR120000	45	AN11274	38	30	59,4	90	34						13	2
2.0 (74 kW) Eng. AAE	12/90-7/94	M/T+A/T		.	Ch 4AM000001-4AR120000		AV34332		28		108								
2.0 E (85 kW) Eng. AAD/ ABK	12/90-7/94	M/T+A/T		.	+ABS, Ch 4AM000001-4AR120000	45	AN11274	38	30	59,4	90	34						13	2
2.0 E (85 kW) Eng. AAD/ ABK	12/90-7/94	M/T+A/T		.	Ch 4AM000001-4AR120000		AV34332		28		108								
2.0 E quattro (85 kW) Eng. AAD/ ABK	12/90-7/94			.	+ABS, FWD, Ch 4AM000001-4AR150000	45	AN11274	38	30	59,4	90	34						13	2
2.2 S4 T. quattro (169 kW) Eng. AAN	8/91-7/94	M/T+A/T		.	+ABS, FWD, Ch 4AN000001-4AR150000	45	AN11292	38	27	59,6	98	34						13	2
2.2 S4 T. quattro (169 kW) Eng. AAN	8/91-7/94			.	+ABS, FWD, Ch 4AN000001-4AR150000		AV34332		28		108								
2.3 E (98 kW) Eng. AAR	12/90-7/94	M/T+A/T		.	+ABS, Ch 4AM000001-4AR120000	45	AN11274	38	30	59,4	90	34						13	2

MODEL		YEAR 	TRANSM.			NOTE		ATTEx ref.	Technical Specifications									
				L/R	WS	GS			A	B	C	D	E	F	H	I	L	M

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**100 IV (4A, C4), Avant '90-'94 (continued)**

200 | (43) '79-'82

2.1 5 E (100 kW) Eng. WC	10/79-82	M/T+A/T	•	-ABS, Ch 43A045129-44F300000	AN11302	26	25	56,5	90	50				4	3
2.1 5 E (100 kW) Eng. WC	10/79-82	M/T+A/T	•	Ch 43A045129-44F300000	AV34332		28		108						
2.1 5 T. (125 kW) Eng. WJ	10/79-82	M/T+A/T	•	+ABS, Ch 43A045129-44J200099	AV34332		28		108						

**200 II (44, 44Q), Avant '83-'91**

2.1 E (Exc. Avant) (100 kW) Eng. WC	83-84	M/T+A/T	.	Ch 43A045129-44F300000		AN11302	26	25	56,5	90	50				4	3	
2.1 E (Exc. Avant) (100 kW) Eng. WC	83-84	M/T+A/T	.	Ch 43A045129-44F300000		AV34332		28		108							
2.1 T. (134 kW) Eng. KG	83-88	M/T+A/T	.	+ABS, Ch 43A045129-44J200099		AV34332		28		108							
2.1 T. quattro (134 kW) Eng. KG	83-88	M/T+A/T	.	RWD, Ch 44F047749-44J200099		AN11302	26	25	56,5	90	50				4	3	
2.1 T. quattro (134 kW) Eng. KG	83-88	M/T+A/T	.	FWD+RWD, Ch 44F047749-44J200099		AV34332		28		108							
2.2 (Exc. Avant) (101 kW) Eng. KU	8/84-7/85	M/T+A/T	.	-ABS, Ch 44F000001-44F300000		AN11302	26	25	56,5	90	50				4	3	
2.2 (Exc. Avant) (101 kW) Eng. KU	8/84-7/85	M/T+A/T	.	Ch 44F000001-44J200099		AV34332		28		108							
2.2 20v T. quattro (162 kW) Eng. 3B	89-12/90	M/T+A/T	.	+ABS, FWD+RWD, Ch 44J200100-44M050000		AV34332		28		108							
2.2 T. (121 kW) Eng. MC	8/85-12/87	M/T+A/T	.	+ABS, Ch 44G000001-44J200099		AV34332		28		108							
2.2 T. quattro (121 kW) Eng. MC	2/88-12/90	M/T+A/T	.	FWD+RWD, Ch 44J200100-44M050000		AV34332		28		108							
2.2 T. quattro (147 kW) Eng. 1B	88-91	M/T+A/T	.	FWD+RWD, Ch 44J200100-44M050000		AV34332		28		108							

50 (86) '74-'78

1.1 (37 kW) Eng. HB	8/74-7/78	M/T		•	Ch 8651500001-8682499999		AV11320		33	92				
1.1 (44 kW) Eng. HC	8/74-7/77	M/T		•	Ch 8651500001-8682499999		AV11320		33	92				
1.3 (44 kW) Eng. HH	8/77-7/78	M/T		•	Ch 8651500001-8682499999		AV11320		33	92				

5000 '78-'87

All models 78-87 • Usa, Gas AN11302 26 25 56.5 90 50 4 3

80 | (80, 82, B1) '72-'78

1.3 (40 kW) Eng. ZA	5/72-78	M/T	.	.			AN34024	22	30	51	81	48					11	3
1.3 (40 kW) Eng. ZA	5/72-78	M/T	.	.			AV34330		33		94							

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications									
									M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I

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### 80 I (80, 82, B1) '72-'78 (continued)

1.3 (44 kW) Eng. ZF	5/72-78	M/T		•					AN34024	22	30	51	81	48					11	3
1.3 (44 kW) Eng. ZF	5/72-78	M/T			•				AV34330		33		94							
1.5 (55 kW) Eng. YJ/ ZB	72-75	M/T		•		Ch 8232198265-8252110429			AN34024	22	30	51	81	48					11	3
1.5 (55 kW) Eng. YJ/ ZB	72-75	M/T			•	Ch 8232198265-8252110429			AV34330		33		94							
1.5 (63 kW) Eng. ZC	72-78	M/T		•		Ch 8232198265-8252110429			AN34024	22	30	51	81	48					11	3
1.5 (63 kW) Eng. ZC	72-78	M/T			•	Ch 8232198265-8252110429			AV34330		33		94							
1.6 (55 kW) Eng. YN	75-78	M/T+A/T		•					AN34024	22	30	51	81	48					11	3
1.6 (55 kW) Eng. YN	75-78	M/T+A/T			•				AV34330		33		94							
1.6 (63 kW) Eng. YP	75-78	M/T+A/T		•					AN34024	22	30	51	81	48					11	3
1.6 (63 kW) Eng. YP	75-78	M/T+A/T			•				AV34330		33		94							
1.6 GT (74 kW) Eng. XX	9/73-76	M/T+A/T		•					AN34024	22	30	51	81	48					11	3
1.6 GT (74 kW) Eng. XX	9/73-76	M/T+A/T			•				AV34330		33		94							
1.6 GTE (81 kW) Eng. YS	76-8/78	M/T+A/T		•					AN34024	22	30	51	81	48					11	3
1.6 GTE (81 kW) Eng. YS	76-8/78	M/T+A/T			•				AV34330		33		94							

### 80 II (81, 85, B2) '78-'86

1.2 (40 kW) Eng. FY	78-81			•		Ch 81B020001-81H299000			AN34015	22	30	51	81	48					11	2
1.2 (40 kW) Eng. FY	78-81	M/T		•		Ch 8232000001-81B020000			AN34024	22	30	51	81	48					11	3
1.2 (40 kW) Eng. FY	78-81	M/T			•	Ch 8232000001-81H299000			AV34330		33		94							
1.2 (44 kW) Eng. FZ	78-81			•		Ch 81B020001-81H299000			AN34015	22	30	51	81	48					11	2
1.2 (44 kW) Eng. FZ	78-81	M/T		•		Ch 8232000001-81B020000			AN34024	22	30	51	81	48					11	3
1.2 (44 kW) Eng. FZ	78-81	M/T			•	Ch 8232000001-81H299000			AV34330		33		94							
1.3 (44 kW) Eng. EP	78-86			•		Ch 81B020001-81H299000			AN34015	22	30	51	81	48					11	2
1.3 (44 kW) Eng. EP	78-86	M/T		•		Ch 8232000001-81B020000			AN34024	22	30	51	81	48					11	3
1.3 (44 kW) Eng. EP	78-86	M/T			•	Ch 8232000001-81H299000			AV34330		33		94							
1.6 (55 kW) Eng. FS/ YN/ WV	8/78-7/86	M/T+A/T		•		Ch 81B020001-81H299000			AN34015	22	30	51	81	48					11	2
1.6 (55 kW) Eng. FS/ YN/ WV	8/78-7/86	M/T+A/T		•		Ch 8232198265-81B020000			AN34024	22	30	51	81	48					11	3
1.6 (55 kW) Eng. FS/ YN/ WV	8/78-7/86	M/T+A/T			•	Ch 8232198265-81H299000			AV34330		33		94							
1.6 (63 kW) Eng. YP	78-83	M/T+A/T		•		Ch 81B020001-81H299000			AN34015	22	30	51	81	48					11	2
1.6 (63 kW) Eng. YP	78-83	M/T+A/T		•		Ch 8232198265-81B020000			AN34024	22	30	51	81	48					11	3
1.6 (63 kW) Eng. YP	78-83	M/T+A/T			•	Ch 8232198265-81H299000			AV34330		33		94							
1.6 D (40 kW) Eng. CR	8/80-8/86	M/T+A/T		•		Ch 81B000001-81B020000			AN34024	22	30	51	81	48					11	3
1.6 D (40 kW) Eng. CR	9/80-8/86	M/T+A/T		•		Ch 81B020001-81H299000			AN34015	22	30	51	81	48					11	2
1.6 D (40 kW) Eng. CR	8/80-8/86	M/T+A/T			•	Ch 81B020001-81H299000			AV34330		33		94							
1.6 D (40 kW) Eng. JK	8/80-8/86	M/T+A/T		•		Ch 81B000001-81B020000			AN34024	22	30	51	81	48					11	3
1.6 D (40 kW) Eng. JK	9/80-8/86	M/T+A/T		•		Ch 81B020001-81H299000			AN34015	22	30	51	81	48					11	2
1.6 D (40 kW) Eng. JK	8/80-8/86	M/T+A/T			•	Ch 81B020001-81H299000			AV34330		33		94							
1.6 GLE (81 kW) Eng. YZ	79-86	M/T+A/T		•		Ch 8232198265-81B020000			AN34024	22	30	51	81	48					11	3
1.6 GLE (81 kW) Eng. YZ	79-86	M/T+A/T			•	Ch 8232198265-81B020000			AV34330		33		94							
1.6 TD (51 kW) Eng. CY	8/81-5/86	M/T+A/T		•		Ch 81C117462-81H299000			AN34015	22	30	51	81	48					11	2

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications											
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M

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**80 II (81, 85, B2) '78-'86 (continued)**

1.6 TD (51 kW) Eng. CY	8/81-5/86	M/T+A/T		•	Ch 81C117462-81H299000		AV34330		33		94												
1.8 (65 kW) Eng. SF	2/86-7/86	M/T+A/T		•	Ch 81D079180-81H299000		AN34015	22	30	51	81	48									11	2	
1.8 (65 kW) Eng. SF	2/86-7/86	M/T+A/T		•	Ch 81D079180-81H299000		AV34330		33		94												
1.8 (66 kW) Eng. DS	1/83-7/86	M/T+A/T		•	Ch 81D079180-81H299000		AN34015	22	30	51	81	48									11	2	
1.8 (66 kW) Eng. DS	1/83-7/86	M/T+A/T		•	Ch 81D079180-81H299000		AV34330		33		94												
1.8 CC quattro (66 kW) Eng. NE	4/85-8/86	M/T		•	-ABS, RWD, Ch -89J350000		AN11302	26	25	56,5	90	50									4	3	
1.8 CC quattro (66 kW) Eng. NE	8/84-3/85	M/T		•	RWD		AV34332		28		108												
1.8 CC quattro (66 kW) Eng. NE	8/84-8/86	M/T		•	FWD		AV34328		33		100												
1.8 GTE, quattro (81 kW) Eng. PV	4/85-8/86	M/T		•	-ABS, RWD, Ch -89J350000		AN11302	26	25	56,5	90	50									4	3	
1.8 GTE, quattro (81 kW) Eng. PV	8/84-3/85	M/T		•	RWD		AV34332		28		108												
1.8 GTE, quattro (81 kW) Eng. PV	8/84-8/86	M/T		•	FWD		AV34328		33		100												
1.8 GTE, quattro (82 kW) Eng. DZ	4/85-8/86	M/T		•	-ABS, RWD, Ch -89J350000		AN11302	26	25	56,5	90	50									4	3	
1.8 GTE, quattro (82 kW) Eng. DZ	8/84-3/85	M/T		•	RWD		AV34332		28		108												
1.8 GTE, quattro (82 kW) Eng. DZ	8/84-8/86	M/T		•	FWD		AV34328		33		100												
1.8, quattro (68 kW) Eng. JN	4/85-8/86	M/T		•	-ABS, RWD, Ch -89J350000		AN11302	26	25	56,5	90	50									4	3	
1.8, quattro (68 kW) Eng. JN	8/84-3/85	M/T		•	RWD		AV34332		28		108												
1.8, quattro (68 kW) Eng. JN	8/84-8/86	M/T		•	FWD		AV34328		33		100												
1.9 CD-5S (85 kW) Eng. WN	8/81-7/83	M/T+A/T		•	Ch 81C000001-81D077973		AN34015	22	30	51	81	48									11	2	
1.9 CD-5S (85 kW) Eng. WN	8/81-7/83	M/T+A/T		•	Ch 81C000001-81D077973		AV34330		33		94												
1.9 CD-5S (85 kW) Eng. WN	9/81-7/83	M/T+A/T		•	Ch 81D077974-81D250000		AV34328		33		100												
2.2, quattro (85 kW) Eng. WE	8/80-12/82	M/T+A/T		•	Ch 81B000001-81D077973		AN34015	22	30	51	81	48									11	2	
2.2, quattro (85 kW) Eng. WE	12/82-8/83			•	Ch 81D077974-81H299000		AV34328		33		100												
2.2, quattro (85 kW) Eng. WE	8/80-12/82	M/T+A/T		•	Ch 81B000001-81D077973		AV34330		33		94												

**80 III (89, 89Q, 8A, B3) '86-'92**

1.6 (51 kW) Eng. PP	9/86-9/91	M/T		•	+ABS, Ch 89J373599-8AN200000	45	AN11297	33	30	53	81	30									13	2	
1.6 (51 kW) Eng. PP	9/86-9/91	M/T		•	-ABS, Ch 89H300001-89J373598		AN34015	22	30	51	81	48									11	2	
1.6 (51 kW) Eng. PP	9/86-9/91	M/T		•	-ABS, Ch 89J373599-8AN200000		AN11298	33	30	53	81	30									13	2	
1.6 (51 kW) Eng. PP	9/86-9/91	M/T		•	Ch 89H300001-89J373598		AV34330		33		94												
1.6 (55 kW) Eng. RN	9/86-9/91	M/T		•	+ABS, Ch 89J373599-8AN200000	45	AN11297	33	30	53	81	30								13	2		
1.6 (55 kW) Eng. RN	9/86-9/91	M/T		•	-ABS, Ch 89H300001-89J373598		AN34015	22	30	51	81	48								11	2		
1.6 (55 kW) Eng. RN	9/86-9/91	M/T		•	-ABS, Ch 89J373599-8AN200000		AN11298	33	30	53	81	30								13	2		
1.6 (55 kW) Eng. RN	9/86-9/91	M/T		•	Ch 89H300001-89J373598		AV34330		33		94												
1.6 D (40 kW) Eng. JK	9/86-8/91	M/T		•	-ABS, Ch 89J373599-89K520000		AN11298	33	30	53	81	30								13	2		
1.6 D (40 kW) Eng. JK	9/86-8/91	M/T+A/T		•	-ABS, Ch -89J373598		AN34015	22	30	51	81	48									11	2	
1.6 D (40 kW) Eng. JK	9/86-8/91	M/T+A/T		•	-ABS, Ch -89J373598		AV34330		33		94												
1.6 TD (59 kW) Eng. RA/ SB	9/86-8/91	A/T		•	+ABS, Ch 8AL000001-8AN200000	45	AN11295	33	30	53	88	30									13	2	
1.6 TD (59 kW) Eng. RA/ SB	9/86-8/91	A/T		•	-ABS, Ch 8AL000001-8AN200000		AN11296	33	30	53	88	30									13	2	
1.6 TD (59 kW) Eng. RA/ SB	9/86-8/91	M/T		•	-ABS, Ch 89J373599-8AN200000		AN11298	33	30	53	81	30									13	2	
1.8 (55 kW) Eng. RU	10/86-1/90	M/T		•	+ABS, Ch 89J373599-89N200000	45	AN11297	33	30	53	81	30									13	2	

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I

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### 80 III (89, 89Q, 8A, B3) '86-'92 (continued)

1.8 (55 kW) Eng. RU	10/86-1/90	A/T	.	-	-ABS, Ch 89J373599-8AN200000		AN11296	33	30	53	88	30							13	2	
1.8 (55 kW) Eng. RU	10/86-1/90	M/T	.	-	-ABS, Ch 89J373599-8AN200000		AN11298	33	30	53	81	30							13	2	
1.8 (55 kW) Eng. RU	10/86-1/90	M/T+A/T	.	-	-ABS, Ch -89J373598		AN34015	22	30	51	81	48							11	2	
1.8 (55 kW) Eng. RU	10/86-8/91	A/T	.	-	+ABS, Ch 89J373599-89N200000	45	AN11295	33	30	53	88	30							13	2	
1.8 (55 kW) Eng. RU	10/86-1/90	M/T	.	-	Ch -89J373598		AV34330			33		94									
1.8 (55 kW) Eng. RU	6/86-10/91	A/T	.	-	+ABS, Ch -89J373598		AV34328			33		100									
1.8 (83 kW) Eng. SD	6/86-90	M/T+A/T	.	-	Ch 89J373599-8AN200000		AN11296	33	30	53	88	30							13	2	
1.8 (83 kW) Eng. SD	6/86-90	M/T+A/T	.	-	+ABS, Ch 89J373599-89N200000	45	AN11295	33	30	53	88	30							13	2	
1.8 (83 kW) Eng. SD	6/86-90	M/T+A/T	.	-	Ch 89H300001-89J373598		AV34328			33		100									
1.8 E (82 kW) Eng. DZ	10/86-1/90	M/T+A/T	.	-	Ch 89J373599-8AN200000		AN11296	33	30	53	88	30							13	2	
1.8 E (82 kW) Eng. DZ	10/86-8/91	M/T+A/T	.	-	+ABS, Ch 89J373599-89N200000	45	AN11295	33	30	53	88	30							13	2	
1.8 E (82 kW) Eng. DZ	6/86-10/91	M/T+A/T	.	-	Ch 89H300001-89J373598		AV34328			33		100									
1.8 E quattro (82 kW) Eng. DZ	3/88-9/91	M/T	.	-	+ABS, FWD, Ch 89H351001-89N200000	45	AN11295	33	30	53	88	30							13	2	
1.8 E quattro (82 kW) Eng. DZ	9/86-9/91	M/T	.	-	+ABS, RWD, Ch 89J351001-	45	AN11297	33	30	53	81	30							13	2	
1.8 E quattro (82 kW) Eng. DZ	9/86-9/91	M/T	.	-	-ABS, RWD, Ch -89J350000		AN11302	26	25	56,5	90	50							4	3	
1.8 E quattro (82 kW) Eng. DZ	9/86-9/91	M/T	.	-	FWD, Ch 89H300001-89J351000		AV34328			33		100									
1.8 E quattro (82 kW) Eng. DZ	9/86-9/91	M/T	.	-	RWD, Ch 89J351001-		AV34330			33		94									
1.8 S (65 kW) Eng. SF	10/86-1/90	A/T	.	-	Ch 89J373599-8AN200000		AN11296	33	30	53	88	30							13	2	
1.8 S (65 kW) Eng. SF	10/86-1/90	M/T	.	-	Ch 89J373599-8AN200000		AN11298	33	30	53	81	30							13	2	
1.8 S (65 kW) Eng. SF	10/86-1/90	M/T+A/T	.	-	Ch -89J373598		AN34015	22	30	51	81	48							11	2	
1.8 S (65 kW) Eng. SF	10/86-1/90	M/T	.	-	+ABS, Ch 89J373599-89N200000	45	AN11297	33	30	53	81	30							13	2	
1.8 S (65 kW) Eng. SF	10/86-8/91	A/T	.	-	+ABS, Ch 89J373599-89N200000	45	AN11295	33	30	53	88	30							13	2	
1.8 S (65 kW) Eng. SF	10/86-1/90	M/T	.	-	Ch -89J373598		AV34330			33		94									
1.8 S (65 kW) Eng. SF	6/86-10/91	A/T	.	-	Ch -89J373598		AV34328			33		100									
1.8 S (66 kW) Eng. JN/ NE/ PM	10/86-1/90	A/T	.	-	Ch 89J373599-8AN200000		AN11296	33	30	53	88	30							13	2	
1.8 S (66 kW) Eng. JN/ NE/ PM	10/86-1/90	M/T	.	-	Ch 89J373599-8AN200000		AN11298	33	30	53	81	30							13	2	
1.8 S (66 kW) Eng. JN/ NE/ PM	10/86-1/90	M/T+A/T	.	-	Ch -89J373598		AN34015	22	30	51	81	48							11	2	
1.8 S (66 kW) Eng. JN/ NE/ PM	10/86-1/90	M/T	.	-	+ABS, Ch 89J373599-89N200000	45	AN11297	33	30	53	81	30							13	2	
1.8 S (66 kW) Eng. JN/ NE/ PM	10/86-8/91	A/T	.	-	+ABS, Ch 89J373599-89N200000	45	AN11295	33	30	53	88	30							13	2	
1.8 S (66 kW) Eng. JN/ NE/ PM	10/86-1/90	M/T	.	-	Ch -89J373598		AV34330			33		94									
1.8 S (66 kW) Eng. JN/ NE/ PM	6/86-10/91	A/T	.	-	Ch -89J373598		AV34328			33		100									
1.8 S quattro (66 kW) Eng. JN/ NE/ PM	3/88-9/91	M/T	.	-	+ABS, FWD, Ch 89H351001-89N200000	45	AN11295	33	30	53	88	30							13	2	
1.8 S quattro (66 kW) Eng. JN/ NE/ PM	9/86-9/91	M/T	.	-	+ABS, RWD, Ch 89J351001-	45	AN11297	33	30	53	81	30							13	2	
1.8 S quattro (66 kW) Eng. JN/ NE/ PM	9/86-9/91	M/T	.	-	-ABS, RWD, Ch -89J350000		AN11302	26	25	56,5	90	50							4	3	
1.8 S quattro (66 kW) Eng. JN/ NE/ PM	9/86-9/91	M/T	.	-	FWD, Ch 89H300001-89J351000		AV34328			33		100									
1.8 S quattro (66 kW) Eng. JN/ NE/ PM	9/86-9/91	M/T	.	-	RWD, Ch 89J351001-		AV34330			33		94									
1.9 D (50 kW) Eng. 1Y	8/89-8/91	M/T	.	-	+ABS, Ch 8AL000001-8AN200000	45	AN11297	33	30	53	81	30							13	2	
1.9 D (50 kW) Eng. 1Y	9/89-8/91	M/T	.	-	-ABS, Ch 8AL000001-8AN200000		AN11298	33	30	53	81	30							13	2	
1.9 quattro	86-8/91	M/T	.	-	RWD, Ch -89J350000		AN11302	26	25	56,5	90	50							4	3	

MODEL		YEAR <small>1999-2001</small>	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										A	B	C	D	E	F	H	I	L	M

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**80 III (89, 89Q, 8A, B3) '86-'92 (continued)**

1.9 quattro	86-8/91	M/T	.	+ABS, FWD, Ch 89H351001-	45	AN11295	33	30	53	88	30				13	2
1.9 quattro	86-8/91	M/T	.	+ABS, RWD, Ch 89J351001-	45	AN11297	33	30	53	81	30				13	2
1.9 quattro	86-8/91	M/T	.	FWD, Ch 89H351000-89J351000		AV34328		33		100						
1.9 quattro	86-8/91	M/T	.	RWD, Ch 89J351001-		AV34330		33		94						
2.0 E (82 kW) Eng. 3A	8/88-8/91	M/T+A/T	.	+ABS, Ch 89J373599-8CP300000	45	AN11295	33	30	53	88	30				13	2
2.0 E (82 kW) Eng. 3A	88-8/91	M/T+A/T	.	Ch 89J373599-8CP300000		AN11296	33	30	53	88	30				13	2
2.0 E 16v (101 kW) Eng. 6A	3/90-9/91	M/T	.			AN11296	33	30	53	88	30				13	2
2.0 E 16v (101 kW) Eng. 6A	3/90-9/91	M/T	.	+ABS, Ch 8AK000001-8AN200000	45	AN11295	33	30	53	88	30				13	2
2.0 E 16v (101 kW) Eng. 6A	3/90-9/91	M/T	.	Ch 8AK000001-8AN200000		AV34332		28		108						
2.0 E 16v quattro (101 kW) Eng. 6A	3/90-8/91	M/T	.	+ABS, RWD, Ch 89H351001-	45	AN11295	33	30	53	88	30				13	2
2.0 E 16v quattro (101 kW) Eng. 6A	3/90-8/91	M/T	.	+ABS, RWD, Ch 89H351001-		AV34328		33		100						
2.0 E quattro (82 kW) Eng. 3A	8/88-8/91	M/T	.	+ABS, FWD, Ch 89H351001-	45	AN11295	33	30	53	88	30				13	2
2.0 E quattro (82 kW) Eng. 3A	8/88-8/91	M/T	.	+ABS, RWD, Ch 89J351001-	45	AN11297	33	30	53	81	30				13	2
2.0 E quattro (82 kW) Eng. 3A	8/88-8/91	M/T	.	FWD, Ch 89H351001-		AV34328		33		100						
2.0 E quattro (82 kW) Eng. 3A	8/88-8/91	M/T	.	RWD, Ch 89J351001-		AV34330		33		94						
2.0 quattro (85 kW) Eng. AAD	90-91	M/T	.	+ABS, FWD, Ch 89H351001-	45	AN11295	33	30	53	88	30				13	2
2.0 quattro (85 kW) Eng. AAD	90-91	M/T	.	+ABS, RWD, Ch 89J351001-	45	AN11297	33	30	53	81	30				13	2
2.0 quattro (85 kW) Eng. AAD	90-91	M/T	.	RWD, Ch 89J351001-		AV34330		33		94						
2.0 quattro (85 kW) Eng. AAD	90-91	M/T	.	+ABS, FWD, Ch 89H351001-		AV34328		33		100						

**80 IV (8C, B4), Avant '91-'96**

1.6 (52 kW) Eng. ABM	9/91-12/94	M/T	.	+ABS, Ch 8CN086134-8CP300000	45	AN11295	33	30	53	88	30				13	2
1.6 (52 kW) Eng. ABM	9/91-12/94	M/T	.	-ABS, Ch 8CN086134-8CP300000		AN11296	33	30	53	88	30				13	2
1.6 E (74 kW) Eng. ADA	9/91-12/94	M/T	.	Ch 8CN086134-8CP300000		AN11296	33	30	53	88	30				13	2
1.6 E (74 kW) Eng. ADA	9/91-12/94	M/T	.	+ABS, Ch 8CN086134-8CP300000	45	AN11295	33	30	53	88	30				13	2
1.9 TD (55 kW) Eng. AAZ	91-94	M/T+A/T	.	+ABS	45	AN11295	33	30	53	88	30				13	2
1.9 TD (55 kW) Eng. AAZ	91-94	M/T+A/T	.	-ABS		AN11296	33	30	53	88	30				13	2
1.9 TDi (66 kW) Eng. 1Z	91-96	M/T	.	+ABS	45	AN11295	33	30	53	88	30				13	2
2.0 (66 kW) Eng. ABT	9/91-12/94	M/T	.	+ABS, 4Sp	45	AN11295	33	30	53	88	30				13	2
2.0 (66 kW) Eng. ABT	9/91-12/94	M/T	.	-ABS, 4Sp		AN11296	33	30	53	88	30				13	2
2.0 E (85 kW) Eng. ABK	9/91-12/94	M/T	.	4Sp		AN11296	33	30	53	88	30				13	2
2.0 E (85 kW) Eng. ABK	9/91-12/94	M/T	.	+ABS, 4Sp	45	AN11295	33	30	53	88	30				13	2
2.0 E 16v (103 kW) Eng. ACE	8/92-12/94	M/T+A/T	.	4Sp		AN11296	33	30	53	88	30				13	2
2.0 E 16v (103 kW) Eng. ACE	8/92-12/94	M/T+A/T	.	+ABS, 4Sp	45	AN11295	33	30	53	88	30				13	2
2.0 E 16v (103 kW) Eng. ACE	8/92-12/94	M/T	.			AV34332		28		108						
2.0 E 16v quattro (103 kW) Eng. ACE	92-96	M/T	.	+ABS, FWD, Ch 89H351001-	45	AN11295	33	30	53	88	30				13	2
2.0 E 16v quattro (103 kW) Eng. ACE	92-96	M/T	.	+ABS, RWD, Ch -8CP300000	45	AN11297	33	30	53	81	30				13	2
2.0 E 16v quattro (103 kW) Eng. ACE	92-	M/T	.	+ABS, RWD, Ch -8CP300000		AV34330		33		94						
2.0 E 16v quattro (103 kW) Eng. ACE	92-96	M/T	.	+ABS, FWD		AV34328		33		100						
2.0 E quattro (85 kW) Eng. ABK	9/91-12/94	M/T	.	+ABS, FWD, Ch 89H351001-	45	AN11295	33	30	53	88	30				13	2

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications									
									M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I

## AUDI

### 80 IV (8C, B4), Avant '91-'96 (continued)

2.0 E quattro (85 kW) Eng. ABK	9/91-12/94	M/T	.		+ABS, RWD, Ch -8CP300000	45	AN11297	33	30	53	81	30						13	2
2.0 E quattro (85 kW) Eng. ABK	9/91-12/94	M/T	.	.	+ABS, FWD		AV34328		33		100								
2.0 E quattro (85 kW) Eng. ABK	9/91-12/94	M/T	.	.	+ABS, RWD, Ch -8CP300000		AV34330		33		94								
2.2 S2 quattro (169 kW) Eng. ABY	93-95	M/T	.	.	+ABS, RWD, Ch 8CP180797-		AV34332		28		108								
2.3 E (98 kW) Eng. NG	91-96	M/T+A/T	.	.	4Sp		AN11296	33	30	53	88	30						13	2
2.3 E (98 kW) Eng. NG	91-96	M/T+A/T	.	.	+ABS, 4Sp	45	AN11295	33	30	53	88	30						13	2
2.3 E (98 kW) Eng. NG	91-96	M/T	.	.			AV34332		28		108								
2.3 E quattro (98 kW) Eng. NG	91-96	M/T	.	.	+ABS, FWD	45	AN11295	33	30	53	88	30						13	2
2.3 E quattro (98 kW) Eng. NG	91-96	M/T	.	.	+ABS, RWD, Ch -8CP300000	45	AN11297	33	30	53	81	30						13	2
2.3 E quattro (98 kW) Eng. NG	91-96	M/T	.	.	+ABS, FWD		AV34328		33		100								
2.3 E quattro (98 kW) Eng. NG	91-96	M/T	.	.	+ABS, RWD, Ch -8CP300000		AV34330		33		94								
2.6 quattro (110 kW) Eng. ABC	92-96	M/T	.	.	FWD		AV34328		33		100								
2.8 quattro (128 kW) Eng. AAH	91-96	M/T	.	.	FWD		AV34328		33		100								

### 90 I (81, 85, B2) '84-'87

1.6 TD (51 kW) Eng. CY	10/85-1/87	M/T+A/T	.	.	Ch 81C117462-81H299000		AN34015	22	30	51	81	48						11	2
1.6 TD (51 kW) Eng. CY	10/85-1/87	M/T+A/T	.	.	Ch 81C117462-81H299000		AV34330		33		94								
2.0 (83 kW) Eng. SK	86-87		.	.	Ch 81D077974-81E007059		AV34328		33		100								
2.0, quattro (85 kW) Eng. HP/ JS	10/84-3/87		.	.	Ch 81D077974-81E007059		AV34328		33		100								
2.2 (100 kW) Eng. HY/ KV	10/84-87	M/T+A/T	.	.			AV34332		28		108								
2.2 (85 kW) Eng. KX	84-87		.	.			AV34328		33		100								

### 90 II (89, 89Q, 8A, B3) '87-'91

1.6 TD (59 kW) Eng. RA/ SB	87-91	A/T	.	.	Ch 8AL000001-8AN200000		AN11296	33	30	53	88	30						13	2
1.6 TD (59 kW) Eng. RA/ SB	87-91	M/T	.	.	Ch 89J373599-8AN200000		AN11298	33	30	53	81	30						13	2
1.6 TD (59 kW) Eng. RA/ SB	87-91	A/T	.	.	+ABS, Ch 8AL000001-8AN200000	45	AN11295	33	30	53	88	30						13	2
2.0 (85 kW) Eng. PS	7/88-9/91	M/T+A/T	.	.	Ch 89J373599-8CP300000		AN11296	33	30	53	88	30						13	2
2.2 E (100 kW) Eng. KV	87-91	M/T+A/T	.	.	Ch 89J373599-		AN11296	33	30	53	88	30						13	2
2.2 E (100 kW) Eng. KV	87-91	M/T+A/T	.	.	+ABS, Ch 89J373599-	45	AN11295	33	30	53	88	30						13	2
2.2 E (100 kW) Eng. KV	87-91	M/T+A/T	.	.			AV34332		28		108								
2.2 E quattro (100 kW) Eng. KV	4/87-9/91	M/T	.	.	+ABS, RWD, Ch -8AL360000	45	AN11295	33	30	53	88	30						13	2
2.2 E quattro (100 kW) Eng. KV	4/87-9/91	M/T	.	.	+ABS, RWD, Ch 8AL360001-	45	AN11297	33	30	53	81	30						13	2
2.2 E quattro (100 kW) Eng. KV	87-91	M/T	.	.	+ABS, FWD, Ch 89H351001-	45	AN11295	33	30	53	88	30						13	2
2.2 E quattro (100 kW) Eng. KV	4/87-9/91	M/T	.	.	+ABS, RWD, Ch -8AL360000		AV34328		33		100								
2.2 E quattro (100 kW) Eng. KV	4/87-9/91	M/T	.	.	+ABS, RWD, Ch 8AL360001-		AV34330		33		94								
2.2 E quattro (100 kW) Eng. KV	87-91	M/T	.	.	+ABS, FWD, Ch 89H351001-		AV34328		33		100								
2.2 E quattro (100 kW) Eng. KV	87-91	M/T	.	.	+ABS, FWD, Ch -89J351000		AV34328		33		100								
2.3 E (100 kW) Eng. NG	87-91	M/T+A/T	.	.	Ch 89J373599-		AN11296	33	30	53	88	30						13	2
2.3 E (100 kW) Eng. NG	87-91	M/T+A/T	.	.	+ABS, Ch 89J373599-	45	AN11295	33	30	53	88	30						13	2
2.3 E (100 kW) Eng. NG	4/87-7/91	M/T+A/T	.	.	Ch -89K420000		AV34332		28		108								
2.3 E (98 kW) Eng. NG	3/90-7/91	M/T+A/T	.	.	Ch 89J373599-		AN11296	33	30	53	88	30						13	2

MODEL		YEAR 	TRANSM.	L/R	WS	GS	NOTE		ATTEx ref.	Technical Specifications									
					M/T Manual	A/T Autom.						A	B	C	D	E	F	H	I

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**90 II (89, 89Q, 8A, B3) '87-'91 (continued)**

2.3 E (98 kW) Eng. NG	3/90-7/91	M/T+A/T	•	+ABS, Ch 89J373599-	45	AN11295	33	30	53	88	30				13	2
2.3 E (98 kW) Eng. NG	3/90-7/91	M/T	•			AV34332		28		108						
2.3 E 20v (123-125 kW) Eng. 7A	8/88-7/91	M/T	•			AV34332		28		108						
2.3 E 20v quattro (123-125 kW) Eng. 7A	88-91	M/T	•	+ABS, RWD	45	AN11295	33	30	53	88	30				13	2
2.3 E 20v quattro (123-125 kW) Eng. 7A	88-91	M/T	•	RWD		AV34328		33		100						
2.3 E quattro (100 kW) Eng. NG	4/87-9/91	M/T	•	+ABS, RWD, Ch -8AL360000	45	AN11295	33	30	53	88	30				13	2
2.3 E quattro (100 kW) Eng. NG	4/87-9/91	M/T	•	+ABS, RWD, Ch 8AL360001-	45	AN11297	33	30	53	81	30				13	2
2.3 E quattro (100 kW) Eng. NG	87-91	M/T	•	+ABS, FWD, Ch 89H351001-	45	AN11295	33	30	53	88	30				13	2
2.3 E quattro (100 kW) Eng. NG	4/87-9/91	M/T	•	RWD, Ch -8AL360000		AV34328		33		100						
2.3 E quattro (100 kW) Eng. NG	4/87-9/91	M/T	•	RWD, Ch 8AL360001-		AV34330		33		94						
2.3 E quattro (100 kW) Eng. NG	87-91	M/T	•	FWD, Ch 89H300001-89J351000		AV34328		33		100						
2.3 E quattro (100 kW) Eng. NG	87-91	M/T	•	FWD, Ch 89H351001-		AV34328		33		100						
2.3 E quattro (98 kW) Eng. NG	3/90-7/91	M/T	•	+ABS, FWD, Ch 89H351001-	45	AN11295	33	30	53	88	30				13	2
2.3 E quattro (98 kW) Eng. NG	3/90-7/91	M/T	•	+ABS, RWD, Ch 8AL360001-	45	AN11297	33	30	53	81	30				13	2
2.3 E quattro (98 kW) Eng. NG	3/90-7/91	M/T	•	+ABS, FWD, Ch 89H351001-		AV34328		33		100						

A3 I (8L1) '96-'03

1.6 (74 kW) Eng. AEH/ AKL/ APF	96-00	M/T	•			AN11279	36	30	53	81	40				11	2
1.6 (75 kW) Eng. AVU/ BFQ	00-		•			AN11279	36	30	53	81	40				11	2
1.8 T, quattro (110 kW) Eng. AGU/ AQA/ ARZ/ ARX/ AUM	9/96-	M/T+A/T	•			AN11276	36	30	52,8	90	40				11	2
1.8, quattro (92 kW) Eng. AGN/ APG	9/96-	M/T+A/T	•			AN11276	36	30	52,8	90	40				11	2
1.9 TDi (66 kW) Eng. AGR/ ALH	96-01	M/T+A/T	•			AN11276	36	30	52,8	90	40				11	2
1.9 TDi (74 kW) Eng. ATD/ AXR	00-	M/T+A/T	•			AN11276	36	30	52,8	90	40				11	2
1.9 TDi (81 kW) Eng. AHF/ ASV	97-01	M/T+A/T	•			AN11276	36	30	52,8	90	40				11	2

### **A3 II (8P1), Sportback '03**

1.4 16v TFSI (92 kW) Eng. CAXA/ CAXC	06-		•			AN34221	36	27	59,5	97,95	40,5				13	2
1.6 (75 kW) Eng. BGU / BSE / BSF	5/03-	A/T	•		6Sp, Tiptronic	AN34220	36	30	59,5	90	40				13	2
1.6 (75 kW) Eng. BGU / BSE / BSF	5/03-	M/T	•		5Sp	AN34222	36	30	59,6	89,9	40				13	2
1.6 FSI (85 kW) Eng. BAG/ BLF/ BLP	5/03-	M/T	•		5Sp, Eng. BGA / BLF	AN34220	36	30	59,5	90	40				13	2
1.6 FSI (85 kW) Eng. BAG/ BLF/ BLP	5/03-	M/T	•		5Sp, Eng. BLP	AN34222	36	30	59,6	89,9	40				13	2
1.6 TDi (66 kW) Eng. CAYB	09-		•			AN34220	36	30	59,5	90	40				13	2
1.6 TDi (77 kW) Eng. CAYC	09-		•			AN34220	36	30	59,5	90	40				13	2
1.6 TDi (77 kW) Eng. CAYC	09-		•		Doppia Frizione/ Double Clutch	AN34221	36	27	59,5	97,95	40,5				13	2
1.8 16v TFSi, quattro (118 kW) Eng. BYT/ BZB / CDAA	06-		•			AN34221	36	27	59,5	97,95	40,5				13	2
1.9 TDi (77 kW) Eng. BKC	5/03-	A/T	•		6Sp	AN34221	36	27	59,5	97,95	40,5				13	2
1.9 TDi (77 kW) Eng. BKC	5/03-	M/T	•		6Sp	AN34220	36	30	59,5	90	40				13	2
2.0 FSI (110 kW) Eng. AXW/ BHD/ BLR/ BLX/ BLY/ BMB/ BVY/ BVZ	5/03-		•		Eng. AXW	AN34220	36	30	59,5	90	40				13	2

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications									
									M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I

## AUDI

### A3 II (8P1), Sportback '03- (continued)

2.0 TDi, quattro (100 kW) Eng. AZV/ CBAA/ CFFA	5/03-	M/T	.	5Sp			AN34221	36	27	59,5	97,95	40,5						13	2
2.0 TDi, quattro (103 kW) Eng. BKD/ CBAB/ CFFB	03-		.	FWD			AN34221	36	27	59,5	97,95	40,5						13	2
2.0 TDi, quattro (103 kW) Eng. BKD/ CBAB/ CFFB	03-		.	RWD			AN34220	36	30	59,5	90	40						13	2
2.0 TDi, quattro, Sportback (103 kW) Eng. BMM	05-		.	FWD			AN34221	36	27	59,5	97,95	40,5						13	2
2.0 TFSI, quattro (147 kW) Eng. AXX / CAWB / CCTA	9/04-						AN34221	36	27	59,5	97,95	40,5						13	2
3.2, quattro (184 kW) Eng. BDB/ BMJ	7/03-	M/T	.	6Sp			AN34221	36	27	59,5	97,95	40,5						13	2
S3 2.0 16v TFSI quattro (195 kW) Eng. BHZ	06-		.				AN34221	36	27	59,5	97,95	40,5						13	2

### A3 II Cabrio '08-

1.6 (75 kW) Eng. BSE	08-		.				AN34220	36	30	59,5	90	40						13	2
1.6 TDi (77 kW) Eng. CAYC	09-		.				AN34220	36	30	59,5	90	40						13	2
1.6 TDi (77 kW) Eng. CAYC	09-		.	Doppia Frizione/ Double Clutch			AN34221	36	27	59,5	97,95	40,5						13	2
1.8 16v TFSI (118 kW) Eng. BYT / BZB/ CDAA	08-		.				AN34221	36	27	59,5	97,95	40,5						13	2
1.9 TDi (77 kW) Eng. BLS/ BKC/ BXE	08-		.				AN34220	36	30	59,5	90	40						13	2
2.0 16v TFSI (147 kW) Eng. AXX / BWA/ CAWB / CCTA	08-						AN34221	36	27	59,5	97,95	40,5						13	2
2.0 TDi (100 kW) Eng. CBAA	08-	M/T	.	5Sp			AN34221	36	27	59,5	97,95	40,5						13	2
2.0 TDi (103 kW) Eng. CBAB	08-		.				AN34221	36	27	59,5	97,95	40,5						13	2

### A4 I (8D2, B5), Avant '95-'01

1.6 (74 kW) Eng. ADP	95-7/00	M/T+A/T	.	+ABS, Ch 8DS000001-		45	AN34016	33	30	53	87,9	30						13	2
1.6i (74 kW) Eng. AHL/ ANA/ ARM	95-7/00	M/T+A/T	.	+ABS, Ch 8DS000001-		45	AN34016	33	30	53	87,9	30						13	2
1.6i (75 kW) Eng. ALZ	00-		.	+ABS		45	AN34212	33	30	53	87,9	30						13	2
1.8 (85 kW) Eng. AFY	95-01	M/T+A/T	.	+ABS, Ch 8DS000001-		45	AN34016	33	30	53	87,9	30						13	2
1.8 (85 kW) Eng. AFY	95-01	M/T+A/T	.	Ch 8DS000001-		AV34332		28		108									
1.8 (92 kW) Eng. APT/ ARG/ AVV	95-01	M/T	.	+ABS, Ch 8DS000001-		45	AN34016	33	30	53	87,9	30						13	2
1.8 (92 kW) Eng. APT/ ARG/ AVV	95-01	A/T	.	+ABS		45	AN34212	33	30	53	87,9	30						13	2
1.8 (92 kW) Eng. APT/ ARG/ AVV	95-01	M/T+A/T	.	Ch 8DS000001-		AV34332		28		108									
1.8 (Exc. Avant) (95 kW)	95-00	M/T+A/T	.	+ABS, Ch 8DS000001-		45	AN34016	33	30	53	87,9	30						13	2
1.8 (Exc. Avant) (95 kW)	95-00	M/T+A/T	.	Ch 8DS000001-		AV34332		28		108									
1.8 quattro (85 kW) Eng. AFY	95-01		.	+ABS, FWD, Ch 8DS000001-		45	AN34016	33	30	53	87,9	30						13	2
1.8 quattro (92 kW) Eng. APT/ ARG/ AVV	95-01	M/T	.	+ABS, FWD, Ch 8DS000001-		45	AN34016	33	30	53	87,9	30						13	2
1.8 quattro (92 kW) Eng. APT/ ARG/ AVV	95-01	A/T	.	+ABS		45	AN34212	33	30	53	87,9	30						13	2
1.8T. (110 kW) Eng. AEB/ ANB/ APU/ ARK	95-01	M/T+A/T	.	+ABS, Ch 8DS000001-		45	AN34016	33	30	53	87,9	30						13	2
1.8T. (110 kW) Eng. AEB/ ANB/ APU/ ARK	95-01	M/T+A/T	.	Ch 8DS000001-		AV34332		28		108									
1.8T. (110 kW) Eng. AWT	95-01	M/T+A/T	.	+ABS, Ch 8DS000001-		45	AN34016	33	30	53	87,9	30						13	2

MODEL		YEAR <small>1990-2000</small>	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										A	B	C	D	E	F	H	I	L	M

AUDI

**A4 I (8D2, B5), Avant '95-'01 (continued)**

A4 II (8E2, B6), Avant '00-'04

1.6 (75 kW) Eng. ALZ	11/00-			•	+ABS	45	AN11304	38	33	59,4	87,9	34				13	1
1.8 T, quattro (110 kW) Eng. AVJ	11/00-			•	+ABS, FWD	45	AN11304	38	33	59,4	87,9	34				13	1
1.8 T, quattro (120 kW) Eng. BFB	7/02-			•	+ABS, FWD, Quattro	45	AN11304	38	33	59,4	87,9	34				13	1
1.8 T, quattro (140 kW) Eng. BEX	02-04			•	+ABS, FWD, Quattro	45	AN11304	38	33	59,4	87,9	34				13	1
2.0 (96 kW) Eng. ALT	11/00-			•	+ABS	45	AN11304	38	33	59,4	87,9	34				13	1
2.0 FSI (110 kW) Eng. AWA	02-	M/T		•	+ABS	45	AN11304	38	33	59,4	87,9	34				13	1

A4 II Cabrio (8H7) '02-

2.0 (96 kW) Eng. ALT	04-			•	+ABS	45	AN11304	38	33	59,4	87,9	34					13	1
3.0, quattro (162 kW) Eng. ASN	02-			•	+ABS	45	AN11304	38	33	59,4	87,9	34					13	1

A6 I (4A, C4), Avant '94-'97

1.8, quattro (92 kW) Eng. ADR	95-2/97	M/T	•	+ABS	45	AN11274	38	30	59,4	90	34				13	2
1.9 TDi (66 kW) Eng. 1Z	6/94-2/97		•	+ABS, Eng. 1Z	45	AN11274	38	30	59,4	90	34				13	2
1.9 TDi (66 kW) Eng. AHU	6/94-2/97		•	+ABS, Eng. 1Z	45	AN11274	38	30	59,4	90	34				13	2

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications									
									M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I

## AUDI

### A6 I (4A, C4), Avant '94-'97 (continued)

2.0 (74 kW) Eng. AAE	6/94-2/97	M/T+A/T	.	.	+ABS, Ch 4AS000001-	45	AN11274	38	30	59,4	90	34						13	2
2.0 (74 kW) Eng. AAE	6/94-2/97	M/T	.	.	+ABS, Ch 4AS000001-		AV34332		28		108								
2.0 (85 kW) Eng. ABK	6/94-2/97	M/T+A/T	.	.	+ABS, Ch 4AS000001-	45	AN11274	38	30	59,4	90	34						13	2
2.0 (85 kW) Eng. ABK	6/94-2/97	M/T	.	.	+ABS, Ch 4AS000001-		AV34332		28		108								
2.0 16v (103 kW) Eng. ACE	6/94-2/97	M/T+A/T	.	.	+ABS, Ch 4AS000001-	45	AN11274	38	30	59,4	90	34						13	2
2.0 16v (103 kW) Eng. ACE	6/94-2/97	M/T	.	.	+ABS, Ch 4AS000001-		AV34332		28		108								
2.0 16v quattro (103 kW) Eng. ACE	6/94-2/97	M/T	.	.	+ABS, FWD, Ch 4AS000001-	45	AN11274	38	30	59,4	90	34						13	2
2.0 16v quattro (103 kW) Eng. ACE	6/94-2/97	M/T+A/T	.	.	RWD		AV34332		28		108								
2.2 S6 T. quattro (169 kW) Eng. AAN	6/94-2/97	M/T+A/T	.	.	+ABS, FWD, Ch 4AS000001-	45	AN11292	38	27	59,6	98	34						13	2
2.2 S6 T. quattro (169 kW) Eng. AAN	6/94-2/97	M/T	.	.	+ABS, FWD, Ch 4AS000001-		AV34332		28		108								
2.2 S6 T. quattro (169 kW) Eng. AAN	6/94-2/97	M/T+A/T	.	.	+ABS, RWD		AV34332		28		108								
2.3, quattro (98 kW) Eng. AAR	6/94-12/95	M/T	.	.	+ABS, Ch 4AS000001-	45	AN11274	38	30	59,4	90	34						13	2
2.3, quattro (98 kW) Eng. AAR	6/94-12/95	M/T	.	.	+ABS, Ch 4AS000001-		AV34332		28		108								
2.5 TDi (84-85 kW) Eng. AAT	6/94-2/97	M/T+A/T	.	.	+ABS, Ch 4AS000001-	45	AN11292	38	27	59,6	98	34						13	2
2.5 TDi, quattro (103 kW) Eng. AEL	6/94-2/97	M/T+A/T	.	.	+ABS, Ch 4AS000001-	45	AN11292	38	27	59,6	98	34						13	2
2.6 (102 kW) Eng. ACZ	6/94-2/97		.	.	+ABS	45	AN11274	38	30	59,4	90	34						13	2
2.6 (110 kW) Eng. ABC	6/94-2/97	M/T+A/T	.	.	+ABS, Ch 4AS000001-	45	AN11274	38	30	59,4	90	34						13	2
2.6 quattro (110 kW) Eng. ABC	6/94-2/97	M/T	.	.	+ABS, FWD, Ch 4AS000001-	45	AN11274	38	30	59,4	90	34						13	2
2.6 quattro (110 kW) Eng. ABC	6/94-2/97	M/T+A/T	.	.	RWD		AV34332		28		108								
2.8 (128 kW) Eng. AAH/ AEJ	6/94-2/97	M/T+A/T	.	.	+ABS	45	AN11292	38	27	59,6	98	34						13	2
2.8 quattro (128 kW) Eng. AAH/ AEJ	6/94-2/97	M/T+A/T	.	.	+ABS, FWD, Ch 4AS000001-	45	AN11292	38	27	59,6	98	34						13	2
2.8 quattro (128 kW) Eng. AAH/ AEJ	6/94-2/97	M/T	.	.	FWD, Ch 4AS000001-		AV34332		28		108								
2.8 quattro (128 kW) Eng. AAH/ AEJ	6/94-2/97	M/T+A/T	.	.	RWD		AV34332		28		108								
2.8, quattro (142 kW) Eng. ACK	95-2/97		.	.	+ABS	45	AN11292	38	27	59,6	98	34						13	2
4.2 S6 quattro (213 kW) Eng. AEC	6/94-2/97		.	.	+ABS, FWD, Ch 4AS000001-	45	AN11292	38	27	59,6	98	34						13	2
4.2 S6 quattro (213 kW) Eng. AEC	6/94-2/97	M/T	.	.	+ABS, FWD, Ch 4AS000001-		AV34332		28		108								
4.2 S6 quattro (213 kW) Eng. AEC	6/94-2/97	M/T+A/T	.	.	+ABS, RWD, Ch 4AS000001-		AV34332		28		108								

### A6 II (4B, C5), Avant '97-'05

1.8 (85 kW) Eng. AFY	97-		.	.	+ABS	45	AN34016	33	30	53	87,9	30						13	2
1.8 (92 kW) Eng. AJP/ AQE/ ARH	97-		.	.	+ABS, Exc. Tiptronic	45	AN34016	33	30	53	87,9	30						13	2
1.8 (92 kW) Eng. AJP/ AQE/ ARH	97-			.			AV34332		28		108								
1.8T (110 kW) Eng. AEB/ ANB/ APU/ ARK	97-		.	.	+ABS, Exc. Tiptronic	45	AN34016	33	30	53	87,9	30						13	2
1.8T (110 kW) Eng. AEB/ ANB/ APU/ ARK	97-			.			AV34332		28		108								
1.8 T. (110 kW) Eng. AWT	97-		.	.	+ABS, Exc. Tiptronic	45	AN34016	33	30	53	87,9	30						13	2
1.8 T. (110 kW) Eng. AWT	97-			.			AV34332		28		108								
1.8T (132 kW) Eng. AJL	97-	M/T	.	.	+ABS, G.Box:PR-T6V/PR-MQ6/D1B/M9L/PR-T5Z	45	AN34016	33	30	53	87,9	30						13	2
1.8T (132 kW) Eng. AJL	97-	M/T	.	.	+ABS, G.Box:PR-T7F/T7T/T6T/T4N/T1R/T5T/T7Z	45	AN11290	38	27	59,5	98	34						13	2
1.8T quattro (110 kW) Eng. AEB/ ANB/ APU/ ARK	97-		.	.	+ABS	45	AN34016	33	30	53	87,9	30						13	2

MODEL		YEAR 	TRANSM.			NOTE		ATTEx ref.	Technical Specifications									
				L/R	WS	GS			A	B	C	D	E	F	H	I	L	M

AUDI

**A6 II (4B, C5), Avant '97-'05 (continued)**

1.8 T. quattro (110 kW) Eng. AWT	97-		.	+ABS	45	AN34016	33	30	53	87,9	30			13	2
1.8 T. quattro (132 kW) Eng. AJL	97-	M/T	.	+ABS, G.Box:PR-T6V/PR-MQ6/D1B/M9L/PR-T5Z	45	AN34016	33	30	53	87,9	30			13	2
1.8 T. quattro (132 kW) Eng. AJL	97-	M/T	.	+ABS, G.Box:PR-T7F/T7T/T6T/T4N/T1R/T5T/T7Z	45	AN11290	38	27	59,5	98	34			13	2
1.9 TDi (81 kW) Eng. AFN	2/97-		.	+ABS	45	AN11290	38	27	59,5	98	34			13	2
1.9 TDi (85 kW) Eng. AJM	00-05	A/T	.	+ABS, Cod. ID PR T0F	45	AN11304	38	33	59,4	87,9	34			13	1
1.9 TDi (85 kW) Eng. AJM	00-05	A/T	.	+ABS, Cod. ID PR T5T, T1K ONLY 5Speed,	45	AN11290	38	27	59,5	98	34			13	2
1.9 TDi (85 kW) Eng. AJM	00-05	M/T	.	+ABS, Cod. ID PR T9J, T15, T7T, T0F	45	AN11290	38	27	59,5	98	34			13	2
2.4 (100 kW) Eng. ALW/ ARN/ ASM	98-05		.	+ABS	45	AN11290	38	27	59,5	98	34			13	2
2.4 (121 kW) Eng. AGA/ ALF/ AML/ APS/ ARJ	2/97-		.	+ABS	45	AN11290	38	27	59,5	98	34			13	2
2.4 quattro (121 kW) Eng. AGA/ ALF/ AML/ APS/ ARJ	2/97-		.	+ABS, FWD	45	AN11290	38	27	59,5	98	34			13	2
2.4, quattro (115 kW) Eng. APC	2/97-		.	+ABS	45	AN11290	38	27	59,5	98	34			13	2
2.4, quattro (125 kW) Eng. BDV	01-		.	+ABS	45	AN11290	38	27	59,5	98	34			13	2
2.5 TDi (110 kW) Eng. AFB/ AKN	97-		.	+ABS	45	AN11290	38	27	59,5	98	34			13	2
2.5 TDi (114 kW) Eng. AYM	01-	A/T	.	+ABS, Tiptronic	45	AN11290	38	27	59,5	98	34			13	2
2.5 TDi (120 kW) Eng. BCZ/ BDG/ BFC	02-		.	+ABS	45	AN11290	38	27	59,5	98	34			13	2
2.5 TDi (132 kW) Eng. AKE/ BAU/ BDH	00-05		.	+ABS	45	AN11290	38	27	59,5	98	34			13	2
2.5 TDi quattro (110 kW) Eng. AFB/ AKN	7/97-		.	+ABS, FWD	45	AN11290	38	27	59,5	98	34			13	2
2.5 TDi quattro (132 kW) Eng. AKE/ BAU/ BDH	00-	M/T+A/T	.	+ABS	45	AN11290	38	27	59,5	98	34			13	2
2.7 T, quattro (169 kW) Eng. AJK/ AZA	2/99-		.	+ABS, Eng. AJK	45	AN11290	38	27	59,5	98	34			13	2
2.7 T. quattro (184 kW) Eng. ARE/ BES	01-		.	+ABS	45	AN11290	38	27	59,5	98	34			13	2
2.8 (142 kW) Eng. ACK/ ALG/ AMX/ APR/ AQD	2/97-		.	+ABS, Eng. ACK	45	AN11290	38	27	59,5	98	34			13	2
2.8 quattro (142 kW) Eng. ACK/ ALG/ AMX/ APR/ AQD	2/97-		.	+ABS, FWD, Eng. ACK	45	AN11290	38	27	59,5	98	34			13	2
2.8, quattro (132 kW) Eng. AGE	2/97-		.	+ABS	45	AN11290	38	27	59,5	98	34			13	2
4.2 quattro (220 kW) Eng. ARS/ ASG/ AWN	98-05		.	+ABS	45	AN34016	33	30	53	87,9	30			13	2
4.2 S6 quattro (250 kW) Eng. ANK/ AQJ	99-05		.	+ABS	45	AN34016	33	30	53	87,9	30			13	2

## A6 II Allroad (4BH) '00-'06

2.5 TDi quattro (120 kW) Eng. BCZ	5/03-		•	+ABS, FWD	45	AN11290	38	27	59,5	98	34				13	2
2.5 TDi quattro (132 kW) Eng. AKE/ BAU	00-		•	+ABS, FWD	45	AN11290	38	27	59,5	98	34				13	2
2.7 T. quattro (184 kW) Eng. ARE/ BES	00-		•	+ABS	45	AN11290	38	27	59,5	98	34				13	2
4.2 V8 (220 kW) Eng. BAS	02-06		•	+ABS	45	AN11290	38	27	59,5	98	34				13	2

A8 I (4D2, 4D8) '94-'02

2.5 TDi, quattro (110 kW) Eng. AFB	97-			•	+ABS	45	AN11290	38	27	59,5	98	34				13	2
2.5 TDi, quattro (110 kW) Eng. AKN	97-			•	+ABS	45	AN11290	38	27	59,5	98	34				13	2
2.5 TDi, quattro (132 kW) Eng. AKE	00-02			•	+ABS	45	AN11290	38	27	59,5	98	34				13	2
2.8 (120 kW) Eng. AEJ	95-96	M/T+A/T		•	+ABS	45	AN11290	38	27	59,5	98	34				13	2

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I

## AUDI

### A8 I (4D2, 4D8) '94-'02 (continued)

2.8, quattro (128 kW) Eng. AAH	94-			.		+ABS		45	AN11290	38	27	59,5	98	34					13	2
2.8, quattro (142 kW) Eng. ACK/ ALG/ AMX/ APR/ AQD	96-			.		+ABS		45	AN11290	38	27	59,5	98	34					13	2
3.3 TDi quattro (165 kW) Eng. AKF	00-02			.		+ABS		45	AN11290	38	27	59,5	98	34					13	2
3.7, quattro (191 kW) Eng. AKC/ AQG	98-02			.		+ABS		45	AN11290	38	27	59,5	98	34					13	2
4.2 quattro (220 kW) Eng. ABZ/ AKG	3/94-11/98	A/T		.		+ABS, FWD+RWD		45	AN11290	38	27	59,5	98	34					13	2
4.2 S 8 quattro (250 kW) Eng. AHC/ AKH	96-99			.		+ABS		45	AN11290	38	27	59,5	98	34					13	2

### Cabrio (8G7, B4) '91-'00

1.8 (92 kW) Eng. ADR	97-			.		+ABS		45	AN11295	33	30	53	88	30					13	2
1.9 TDi (66 kW) Eng. 1Z	95-00			.		+ABS		45	AN11295	33	30	53	88	30					13	2
1.9 TDi (66 kW) Eng. 1Z	95-00			.		-ABS			AN11296	33	30	53	88	30					13	2
1.9 TDi (66 kW) Eng. AHU	95-00			.		+ABS		45	AN11295	33	30	53	88	30					13	2
1.9 TDi (66 kW) Eng. AHU	95-00			.		-ABS			AN11296	33	30	53	88	30					13	2
2.0 16v (103 kW) Eng. ACE	95-			.		+ABS		45	AN11295	33	30	53	88	30					13	2
2.0 16v (103 kW) Eng. ACE	95-			.		-ABS			AN11296	33	30	53	88	30					13	2
2.0 E (85 kW) Eng. ABK	1/93-	M/T+A/T		.		+ABS		45	AN11295	33	30	53	88	30					13	2
2.0 E (85 kW) Eng. ABK	1/93-	M/T+A/T		.		-ABS			AN11296	33	30	53	88	30					13	2
2.3 E (98 kW) Eng. NG	6/91-7/94	M/T		.		+ABS		45	AN11295	33	30	53	88	30					13	2
2.3 E (98 kW) Eng. NG	6/91-7/94	M/T		.		-ABS			AN11296	33	30	53	88	30					13	2
2.3 E (98 kW) Eng. NG	6/91-7/94	M/T		.					AV34332		28		108							

### Coupe I (81, 85) '80-'88

1.8 (55 kW) Eng. DD	8/81-83	M/T+A/T		.		Ch 85D019465-85J020000			AN34015	22	30	51	81	48					11	2
1.8 (55 kW) Eng. DD	8/81-83	M/T+A/T		.		Ch 85D019465-85J020000			AV34330		33		94							
1.8 GT (65 kW) Eng. SF	86-88	M/T+A/T		.		Ch 85D019465-85J020000			AN34015	22	30	51	81	48					11	2
1.8 GT (65 kW) Eng. SF	86-88	M/T+A/T		.		Ch 85D019465-85J020000			AV34330		33		94							
1.8 GT (66 kW) Eng. DS/ JV	82-88	M/T+A/T		.		Ch 85D019465-85J020000			AN34015	22	30	51	81	48					11	2
1.8 GT (66 kW) Eng. DS/ JV	82-88	M/T+A/T		.		Ch 85D019465-85J020000			AV34330		33		94							
1.8 GT (68 kW) Eng. JN	8/81-10/88	M/T+A/T		.		Ch 85D019465-85J020000			AN34015	22	30	51	81	48					11	2
1.8 GT (68 kW) Eng. JN	8/81-10/88	M/T+A/T		.		Ch 85D019465-85J020000			AV34330		33		94							
1.8 GT (79 kW) Eng. PV	86-87	M/T		.		Ch 85H000001-85J010000			AV34328		33		100							
1.8 GT, quattro (82 kW) Eng. DZ	84-88	M/T		.		Ch 85H000001-85J010000			AV34328		33		100							
1.9 (85 kW) Eng. WN	8/80-7/83	M/T+A/T		.		Ch 85B000001-85D200000			AN34015	22	30	51	81	48					11	2
1.9 (85 kW) Eng. WN	8/80-7/83	M/T+A/T		.		Ch 85B000001-85D200000			AV34330		33		94							
2.0 (85 kW) Eng. HP/ JS	9/83-7/86	M/T+A/T		.		Ch 85E000001-85G220000			AV34328		33		100							
2.1 GT (96 kW) Eng. KE/ KL	82-84	M/T		.		Ch 85C013212-85E220000			AV34332		28		108							
2.1 GT (96 kW) Eng. KE/ KL	82-84	M/T+A/T		.		Ch 85F020411-85J010000			AV34332		28		108							
2.2 GT (85 kW) Eng. KX	7/81-10/87	M/T		.		Ch 85B076537-85C250000			AN34015	22	30	51	81	48					11	2
2.2 GT (85 kW) Eng. KX	7/81-10/87	M/T		.		Ch 85B076537-85C250000			AV34330		33		94							
2.2 GT, quattro (100 kW) Eng. KV	84-88	M/T		.		Ch 85C013212-85E220000			AV34332		28		108							

MODEL		YEAR <small>1999-2001</small>	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										A	B	C	D	E	F	H	I	L	M

AUDI

## **Coupe I (81, 85) '80-'88 (continued)**

2.2 GT, quattro (100 kW) Eng. KV	84-88	M/T+A/T		• Ch 85F020411-85J010000		AV34332	28	108				
2.3, quattro (100 kW) Eng. NG	2/87-7/88	M/T+A/T		• Ch 85H025684-85J010000		AV34332	28	108				

**Coupe II (89, 8B) '88-'96**

2.0 (85 kW) Eng. AAD/ ABK	5/89-12/96	M/T	.	+ABS, 3Sp, Ch 8BK000001-8BM020000	45	AN11295	33	30	53	88	30				13	2
2.0 (85 kW) Eng. AAD/ ABK	5/89-12/96	M/T	.	-ABS, 3Sp, Ch 8BK000001-8BM020000		AN11296	33	30	53	88	30				13	2
2.0 16v (103 kW) Eng. ACE	8/92-12/96	M/T	.	+ABS, Ch 8BK020001-	45	AN11295	33	30	53	88	30				13	2
2.0 16v (103 kW) Eng. ACE	8/92-12/96	M/T	.	-ABS, Ch 8BK020001-		AN11296	33	30	53	88	30				13	2
2.0 16v (103 kW) Eng. ACE	8/92-12/96	M/T	.	Ch 8BK020001-		AV34332		28		108						
2.3 (100 kW) Eng. NG	88-94	M/T	.	Ch 8BK000001-		AN11296	33	30	53	88	30				13	2
2.3 (100 kW) Eng. NG	88-94	M/T	.	+ABS, Ch 8BK000001-	45	AN11295	33	30	53	88	30				13	2
2.3 (100 kW) Eng. NG	88-94	M/T	.	Ch 8BK000001-		AV34332		28		108						
2.3 (98 kW) Eng. NG	90-96	M/T	.	Ch 8BK000001-		AN11296	33	30	53	88	30				13	2
2.3 (98 kW) Eng. NG	90-96	M/T	.	+ABS, Ch 8BK000001-	45	AN11295	33	30	53	88	30				13	2
2.3 (98 kW) Eng. NG	90-96	M/T	.	Ch 8BK000001-		AV34332		28		108						
2.3 20v, quattro (123-125 kW) Eng. 7A	88-96	M/T+A/T	.	Ch 8BL000001-8BM020000		AV34332		28		108						

Fox '75-'79

All models	75-79	M/T+A/T	.	•	Usa/Australia		AN34024	22	30	51	81	48				11	3
All models	75-79	M/T+A/T	.	•	Usa/Australia		AV34330		33		94						

**Quattro (85) '80-'91**

2.1 20v T. (225 kW) Eng. KW	84-87			•	RWD, Ch 85A900001-85M000999	AV34332	28	108				
2.1 T. (147 kW) Eng. GV/ WR	7/80-87			•	RWD, Ch 85A900001-85M000999	AV34332	28	108				
2.2 20v (162 kW) Eng. RR	89-91			•	RWD, Ch 85A900001-85M000999	AV34332	28	108				
2.2 T. (147 kW) Eng. 1B	87-89			•	RWD, Ch 85A900001-85M000999	AV34332	28	108				
2.2 T. (147 kW) Eng. MB	87-89			•	RWD, Ch 85A900001-85M000999	AV34332	28	108				

TT I (8N3.9), Roadster '98-'06

1.8 T, quattro (132 kW) Eng. AJQ/ APP/ ARY/ AUQ/ ATC/ AWP	10/98-		.				AN11276	36	30	52,8	90	40				11	2
1.8 T, quattro (140 kW) Eng. BVR	05-		.				AN11276	36	30	52,8	90	40				11	2
1.8 T. (110 kW) Eng. AUM	01-		.				AN11276	36	30	52,8	90	40				11	2
1.8 T (120 kW) Eng. BVP	05-		.				AN11276	36	30	52,8	90	40				11	2

### **TT II (813.9)- Roadster '06-**

1.8 TFSI (118 kW) Eng. CDAA	08-		•				AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TDi quattro (125 kW) Eng. CBBB	08-		•				AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TFSI (147 kW) Eng. BWA/ CCZA	06-		•				AN34221	36	27	59,5	97,95	40,5				13	2
3.2 V6 quattro (184 kW) Eng. BUB	06-		•		Doppia Frizione/ Double Clutch		AN34221	36	27	59,5	97,95	40,5				13	2
3.2 V6 quattro (184 kW) Eng. BUB	06-	M/T	•				AN34220	36	30	59,5	90	40				13	2

**V8 (D1) '88-'94**

3.6 quattro (180-184 kW) Eng. PT	10/88-11/93	M/T+A/T		• RWD, Ch 44K000001-4CR005000		AV34332	28	108				
4.2 quattro (206 kW) Eng. ABH	91-94	M/T+A/T		• RWD, Ch 44K000001-4CR005000		AV34332	28	108				

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications											
									M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M

### CHEVROLET

#### Aveo II '08-

1.4 (74 kW) Eng. F14D4	08-			•		+ABS	47	AN36102	22	22	51,8	83,7	59						4	1
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#### Kalos '05-

1.4 16v (61 kW) Eng. F14S3	05-			•		+ABS	47	AN36102	22	22	51,8	83,7	59						4	1
1.4 16v (69 kW) Eng. F14D3	05-			•		+ABS	47	AN36102	22	22	51,8	83,7	59						4	1

#### Lacetti '05-

1.4 16v (70 kW) Eng. F14D3	05-			•		+ABS	47	AN36104	33	22	51,9	83,8	60,5						3	3
1.6 (80 kW) Eng. F16D3	05-			•		+ABS	47	AN36104	33	22	51,9	83,8	60,5						3	3
1.8 (89 kW) Eng. F18D3	05-			•		+ABS	47	AN36104	33	22	51,9	83,8	60,5						3	3
1.8 (90 kW) Eng. T18SED	05-			•		+ABS	47	AN36104	33	22	51,9	83,8	60,5						3	3

#### Matiz '05-

0.8 (38 kW) Eng. F8CV	05-			•		+ABS	40	AN13272	23	19	46	76	67						3	3
1.0 (47 kW) Eng. F10NS	05-			•		+ABS	40	AN13272	23	19	46	76	67						3	3

#### Nubira, SW '05-

1.6 (80 kW) Eng. F16D3	05-			•		+ABS	47	AN36104	33	22	51,9	83,8	60,5						3	3
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### CHRYSLER USA

#### Colt '79-

1.4	79-82			•					AN12266	25	22	50	82	63					5	1
1.6	79-82			•					AN12266	25	22	50	82	63					5	1

### CITROËN LCV

#### Jumper I (230)/ Relay '94-'02

1.9 D (51 kW) Eng. D9B(XUD9A-U)	1/94-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
1.9 TD (66 kW) Eng. D8C(XUD9UTF)	1/94-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
1.9 TD (66 kW) Eng. DHX(XUD9TF-BTF)	1/94-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
1.9 TD (68 kW) Eng. D8C(XUD9UTF)	96-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.0 HDi (62 kW) Eng. RHV(DW10UTD)	01-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.0i (80 kW) Eng. RFW(XU10J2U)	94-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.5 D, 4WD (63 kW) Eng. T9A(DJ5)	96-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.5 TD, 4WD (76 kW) Eng. T8A(DJ5T)	96-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.5 TDi, 4WD (79 kW) Eng. THX(DJ5TED)	96-00			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.8 HDi, 4WD (94 kW) Eng. 8140.43S	00-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2

#### Jumper II (244)/ Relay '02-'06

2.0 (81 kW) Eng. XU10J2	4/02-			•		+ABS, 11-15Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.0 bivalent (81 kW) Eng. XU10J2	2/03-			•		+ABS, 11-15Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.0 HDi (62 kW) Eng. RHV(DW10UTD)	4/02-			•		+ABS, 11-15-18Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.2 HDi (74 kW) Eng. DW12TED	4/02-			•		+ABS, 11-15Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.8 HDi (107 kW) Eng. 8140.43N	5/04-			•		+ABS, 11-15Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.8 HDi, 4WD (94 kW) Eng. 8140.43S	4/02-			•		+ABS, 11-15Q	54	AN25257	28	39	62,9	100,4	60						4	2

MODEL		YEAR		TRANSM.		L/R			NOTE		ATTEX ref.	Technical Specifications											
				M/T Manual	A/T Autom.							A B C D E F H I L M Fig											

### DACIA

**Logan, MCV '04-**

1.4 (55 kW) Eng. K7J710	04-1/07	M/T	L									AP27377	21	23		86		30	83,8		682	s7	
1.4 (55 kW) Eng. K7J710	04-1/07	M/T	R									AP27378	21	23		86	80		83,8	40,7	761	s8	
1.5 DCi (48 kW) Eng. K9K790	05-			•								AN27380	23	30	49	83,6	50					11	2
1.5 DCi (50 kW) Eng. K9K792	06-			•								AN27380	23	30	49	83,6	50					11	2
1.6 (64 kW) Eng. K7M710	04-1/07	M/T	L									AP27377	21	23		86		30	83,8		682	s7	
1.6 (64 kW) Eng. K7M710	04-1/07	M/T	R									AP27378	21	23		86	80		83,8	40,7	761	s8	
1.6 16v (77 kW) Eng. K4M690	06-			•								AN27380	23	30	49	83,6	50					11	2

**Sandero '08-**

1.2 (56 kW) Eng. D4F732	09-		L									AP27377	21	23		86		30	83,8		682	s7
1.2 (56 kW) Eng. D4F732	09-		R									AP27378	21	23		86	80		83,8	40,7	761	s8
1.4 (55 kW) Eng. K7JA7	09-		L									AP27377	21	23		86		30	83,8		682	s7
1.4 (55 kW) Eng. K7JA7	09-		R									AP27378	21	23		86	80		83,8	40,7	761	s8
1.5 DCi (50 kW) Eng. K9KK7	09-		L									AP27377	21	23		86		30	83,8		682	s7
1.5 DCi (50 kW) Eng. K9KK7	09-		R									AP27378	21	23		86	80		83,8	40,7	761	s8
1.6 (64 kW) Eng. K7MF7	09-		L									AP27377	21	23		86		30	83,8		682	s7
1.6 (64 kW) Eng. K7MF7	09-		R									AP27378	21	23		86	80		83,8	40,7	761	s8

### DACIA LCV

**Logan Van, Pick-up '09-**

1.5 DCi (50 kW) Eng. K9K792	09-			•								AN27380	23	30	49	83,6	50					11	2
1.6 (64 kW) Eng. K7M710	09-			•								AN27380	23	30	49	83,6	50					11	2

### DAEWOO

**Cielo '95-**

1.5 (55 kW) Eng. G15MF	9/95-			•								AN13405	22	29	52	84	58					11	3
1.5 (66 kW) Eng. A15MF	95-			•								AN13405	22	29	52	84	58					11	3

**Espero (KLEJ) '91-'99**

1.5 16v (66 kW) Eng. A15MF	95-99			•		+ABS						47	AN36103	33	29	52	85,75	59,5					5	3
1.8 (66-70 kW) Eng. C18LE	2/95-3/95	M/T		•		+ABS, Incl. JL9						47	AN36103	33	29	52	85,75	59,5					5	3
2.0 (77 kW) Eng. C20LE	2/95-3/95	M/T		•		+ABS, Incl. JL9						47	AN36103	33	29	52	85,75	59,5					5	3

**Kalos (KLAS) '02-**

1.4 16v (61 kW) Eng. F14S3	02-			•		+ABS						47	AN36102	22	22	51,8	83,7	59					4	1
1.4 16v (69 kW) Eng. F14D3	03-			•		+ABS						47	AN36102	22	22	51,8	83,7	59					4	1

**LANOS (KLAT) '97-**

1.4 (55 kW) Eng. A13SMS	00-03			•		+ABS						47	AN13271	22	29	52	85,7	58,5					4	3
1.5 (63 kW) Eng. A15SMS	97-98			•		+ABS						47	AN13271	22	29	52	85,7	58,5					4	3

**Le Mans**

1.6	1/89-			•								AN13405	22	29	52	84	58					11	3
2.0	1/89-			•								AN13405	22	29	52	84	58					11	3

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications											
									M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M

### DAEWOO

#### Matiz (KLYA) '98-

0.8 (38 kW) Eng. F8CV	9/98-			•		+ABS	40	AN13272	23	19	46	76	67						3	3
1.0 (47 kW) Eng. B10S1	03-			•		+ABS	40	AN13272	23	19	46	76	67						3	3

#### Nexia (KLETN) '95-'97

1.5 (55 kW) Eng. G15MF	96-			•					AN13405	22	29	52	84	58					11	3
1.8 (74 kW) Eng. C18LE	95-			•		+ABS	47	AN36103	33	29	52	85,75	59,5						5	3

#### Nubira (KLAJ), SW '97-

1.8 (90 kW) Eng. C18SED	03-			•		+ABS	47	AN36104	33	22	51,9	83,8	60,5						3	3
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#### Racer '89-'95

1.6 (55 kW) Eng. OHC	1/89-12/93			•					AN13405	22	29	52	84	58					11	3
1.8 (66-70 kW) Eng. C18LE	5/92-3/95	M/T		•		+ABS, Incl. JL9	47	AN36103	33	29	52	85,75	59,5						5	3
2.0 (71 kW) Eng. C20LE	1/89-12/93			•					AN13405	22	29	52	84	58					11	3
2.0 D (77 kW)	5/92-3/95	M/T		•		+ABS, Incl. JL9	47	AN36103	33	29	52	85,75	59,5						5	3

### DAEWOO LCV

#### Matiz Van '98-

0.8 i (38 kW) Eng. F8CV	9/98-			•		+ABS	40	AN13272	23	19	46	76	67						3	3
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### DODGE

#### Colt

2.0	79-82			•					AN12266	25	22	50	82	63					5	1
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### EAGLE

#### Summit '88-'95

1.5 (82AC)	88-92			•					AN12266	25	22	50	82	63					5	1
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### FIAT LCV

#### Ducato III (230) '94-'02

1.9 D (50 kW) Eng. D9B/ DJY	98-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
1.9 D (51 kW) Eng. 230A2.000	94-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
1.9 TD (59 kW) Eng. 230A4.000	94-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
1.9 TD (66 kW) Eng. DHX(XUD9TF-L)	98-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
1.9 TD Panorama (60 kW) Eng. 230A3.000	94-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.0 JTD (62 kW) Eng. RHV(DW10)	01-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.0i, 4WD (80 kW) Eng. RFW(XU10J2/C)	94-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.5 D, 4WD (62 kW) Eng. 8140.67	94-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.5 TD 4WD (85 kW) Eng. 8140.47	94-98			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.5 TDi Panorama (80 kW) Eng. 8140.47R	94-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2
2.5 TDi Panorama, 4WD (85 kW) Eng. 8140.47	94-02			•		+ABS, 10-14Q	54	AN25257	28	39	62,9	100,4	60						4	2

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications													
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M	Fig	
<b>FIAT LCV</b>																							
<b>Ducato III (230) '94-'02 (continued)</b>																							
2.8 D, 4WD (64 kW) Eng. 8140.63	98-02				.		+ABS, 10-14Q		54	AN25257	28	39	62,9	100,4	60						4	2	
2.8 JTD, 4WD (94 kW) Eng. 8140.43S	00-02				.		+ABS, 10-14Q		54	AN25257	28	39	62,9	100,4	60						4	2	
2.8 TDi, 4WD (90 kW) Eng. 8140.43	97-02				.		+ABS, 10-14Q		54	AN25257	28	39	62,9	100,4	60						4	2	
<b>Ducato IV (244, Z) '02-'06</b>																							
2.0 JTD (62 kW) Eng. RHV(DW10)	4/02-				.		+ABS, 11-15-18Q		54	AN25257	28	39	62,9	100,4	60						4	2	
2.0, Bipower (81 kW) Eng. RFL(XU10J2U)	4/02-				.		+ABS, 11-15Q		54	AN25257	28	39	62,9	100,4	60						4	2	
2.3 JTD (81 kW) Eng. F1AE0481C	4/02-				.		+ABS, 11-15Q		54	AN25257	28	39	62,9	100,4	60						4	2	
2.8 JTD, 4WD (94 kW) Eng. 8140.43S	4/02-				.		+ABS, 11-15Q		54	AN25257	28	39	62,9	100,4	60						4	2	
<b>FORD</b>																							
<b>C-Max II '07-</b>																							
1.6 TDCi (66 kW) Eng. HHDA/B	07-			L	.					AN15224	36	26	56,4	86,9	48,4						13a	1	
1.6 TDCi (80 kW) Eng. G8DB	07-			L	.					AN15224	36	26	56,4	86,9	48,4						13a	1	
1.8 TDCi (85 kW) Eng. KKDA	07-			L	.					AN15224	36	26	56,4	86,9	48,4						13a	1	
<b>Fiesta V (JH) '01-'08</b>																							
1.2 16v (51 kW) Eng. M7JA/ B	03-				.					AN15330	25	22	53,3	73,3	55,5						4	1	
1.3 (51 kW) Eng. A9JA/ B	11/01-				.					AN15330	25	22	53,3	73,3	55,5						4	1	
1.3i (44 kW) Eng. BAJA	01-				.					AN15330	25	22	53,3	73,3	55,5						4	1	
1.4 16v (59 kW) Eng. FXJA/ B	11/01-				.					AN15330	25	22	53,3	73,3	55,5						4	1	
1.6 16v (74 kW) Eng. FYJA	01-				.					AN15331	25	21	53,2	75,6	56						4	1	
1.6 TDCi (66 kW) Eng. HHJA/ B	04-				.					AN15217	25	23	53,2	82	55						4	1	
<b>Focus C-Max '03-'08</b>																							
1.6 TDCi (66 kW) Eng. HHDA/ B	05-08				.					AN15224	36	26	56,4	86,9	48,4						13a	1	
1.6 TDCi (80 kW) Eng. G8DA/ B	03-08				.					AN15224	36	26	56,4	86,9	48,4						13a	1	
1.8 (92 kW) Eng. QQDA/ B	04-08				.					AN15226	36	23	56	82,1	48						13a	2	
1.8 Flexifuel (92 kW) Eng. QQDA/ B	06-08				.					AN15226	36	23	56	82,1	48						13a	2	
<b>Focus I, SW '98-'04</b>																							
1.4 16v (55 kW) Eng. FXDA/ B/ C/ D	98-				.					AN15217	25	23	53,2	82	55						4	1	
1.6 16v (74 kW) Eng. FYDA/ B/ C/ D	98-				.					AN15217	25	23	53,2	82	55						4	1	
1.8 16v (85 kW) Eng. EYDB/ C/ D/ E/ F	98-				.					AN15217	25	23	53,2	82	55						4	1	
1.8 Di / TDDi (55 kW) Eng. BHDA/ B	99-04				.					AN15217	25	23	53,2	82	55						4	1	
1.8 TDi / TDDi (66 kW) Eng. C9DA/ B/ C	98-				.					AN15217	25	23	53,2	82	55						4	1	
2.0 16v (96 kW) Eng. EDDB/ C/ D/ F	98-				.					AN15217	25	23	53,2	82	55						4	1	
<b>Focus II '04-'08</b>																							
1.4 (59 kW) Eng. ASDA/ B	04-				.					AN15226	36	23	56	82,1	48						13a	2	
1.4 (59 kW) Eng. ASDA/ B	04-				.					AN15224	36	26	56,4	86,9	48,4						13a	1	
1.6 (74 kW) Eng. HWDA/ B/ SHDA	04-				.					AN15226	36	23	56	82,1	48						13a	2	
1.6 (74 kW) Eng. HWDA/ B/ SHDA	04-				.					AN15224	36	26	56,4	86,9	48,4						13a	1	

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications											
									M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M

### FORD

**Focus II '04-'08 (continued)**

1.6 TDCi (66 kW) Eng. HHDA/ B	05-08			.					AN15226	36	23	56	82,1	48						13a	2
1.6 TDCi (66 kW) Eng. HHDA/ B	05-08			.					AN15224	36	26	56,4	86,9	48,4						13a	1
1.6 TDCi (80 kW) Eng. G8DA/ B	04-08			.					AN15226	36	23	56	82,1	48						13a	2
1.6 TDCi (80 kW) Eng. G8DA/ B	04-08			.					AN15224	36	26	56,4	86,9	48,4						13a	1
1.6 Ti (85 kW) Eng. HXDA	04-			.					AN15226	36	23	56	82,1	48						13a	2
1.6 Ti (85 kW) Eng. HXDA	04-			.					AN15224	36	26	56,4	86,9	48,4						13a	1
1.8 TDCi (85 kW) Eng. KKDA	04-			.					AN15224	36	26	56,4	86,9	48,4						13a	1
2.0 (107 kW) Eng. AODA/ B	04-			.					AN15224	36	26	56,4	86,9	48,4						13a	1
2.0 TDCi (100 kW) Eng. G6DA/ B/ D	04-			.					AN15226	36	23	56	82,1	48						13a	2
2.0 TDCi (100 kW) Eng. G6DA/ B/ D	04-			.					AN15224	36	26	56,4	86,9	48,4						13a	1

**Focus II SW '04-'08**

1.4 (59 kW) Eng. ASDA/ B	05-08			.					AN15226	36	23	56	82,1	48						13a	2
1.6 (74 kW) Eng. HWDA/ B	05-08			.					AN15226	36	23	56	82,1	48						13a	2
1.6 TDCi (66 kW) Eng. HHDA/ B	05-08			.					AN15226	36	23	56	82,1	48						13a	2
1.6 TDCi (66 kW) Eng. HHDA/ B	05-08			.					AN15224	36	26	56,4	86,9	48,4						13a	1
1.6 TDCi (80 kW) Eng. G8DA/ B	05-08			.					AN15226	36	23	56	82,1	48						13a	2
1.6 TDCi (80 kW) Eng. G8DA/ B	05-08			.					AN15224	36	26	56,4	86,9	48,4						13a	1
1.6 Ti (85 kW) Eng. HXDA	05-08			.					AN15226	36	23	56	82,1	48						13a	2
2.0 TDCi (100 kW) Eng. G6DA/ B	05-			.					AN15226	36	23	56	82,1	48						13a	2

**Focus III, SW '08-**

1.6 TDCi (66 kW) Eng. HHDA	08-		L	.					AN15224	36	26	56,4	86,9	48,4						13a	1
1.6 TDCi (80 kW) Eng. G8DB	08-		L	.					AN15224	36	26	56,4	86,9	48,4						13a	1
1.6 Ti, LPG (85 kW) Eng. HXDA	08-			.		5Sp, G.Box:MTX75			AN15224	36	26	56,4	86,9	48,4						13a	1
1.8 (92 kW) Eng. Q7DA/B	08-			.		5Sp, G.Box:MTX75			AN15224	36	26	56,4	86,9	48,4						13a	1
1.8 TDCi (85 kW) Eng. KKDA	08-		L	.					AN15224	36	26	56,4	86,9	48,4						13a	1
2.0 TDCi (100 kW) Eng. G6DB/D	08-			.		5Sp, G.Box:MTX75			AN15224	36	26	56,4	86,9	48,4						13a	1
2.0 TDCi (81 kW) Eng. C20DD0X	08-			.		5Sp, G.Box:MTX75			AN15224	36	26	56,4	86,9	48,4						13a	1

**Fusion (JU) '02-**

1.4 16v (59 kW) Eng. FXJA/ B	8/02-			.					AN15330	25	22	53,3	73,3	55,5						4	1
1.6 16v (74 kW) Eng. FYJA	8/02-			.					AN15331	25	21	53,2	75,6	56						4	1
1.6 TDCi (66 kW) Eng. HHJA/ B	04-			.					AN15217	25	23	53,2	82	55						4	1

**Galaxy I (VX, WGR, VY) '95-'06**

1.9 TDi (66 kW) Eng. ANU/ 1Z/ AHU	95-4/00			.		+ABS			48	AN34206	38	27	60	98	34						13	2
1.9 TDi (81 kW) Eng. AFN/ AVG	97-4/00			.		+ABS			48	AN34206	38	27	60	98	34						13	2
2.0 i (85 kW) Eng. NSE/ ZVSA	11/95-3/00			.		+ABS			48	AN34206	38	27	60	98	34						13	2
2.3 16v (107 kW) Eng. Y5B/ E5SA	1/97-			.		+ABS			48	AN34206	38	27	60	98	34						13	2
2.8 iV6, 4WD (128 kW) Eng. AAA/ AMY	96-00			.		+ABS			48	AN34206	38	27	60	98	34						13	2

**Mondeo III (B5Y), SW '00-'07**

1.8 16v (81 kW) Eng. CGBA/ B	00-07			.					AN15225	27	23	56	82	58,3						4	1
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MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications														
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M	Fig		
<b>FORD</b>																								
<b>Mondeo III (B5Y), SW '00-'07 (continued)</b>																								
1.8 16v (92 kW) Eng. CHBA/ B	00-07				•							AN15225	27	23	56	82	58,3					4	1	
1.8 SCi (96 kW) Eng. CFBA	00-07				•							AN15225	27	23	56	82	58,3					4	1	
2.0 16v (107 kW) Eng. CJBA/ B	00-07				•							AN15225	27	23	56	82	58,3					4	1	
<b>HONDA</b>																								
<b>Civic IV (EG) '91-'95</b>																								
1.3 16v (EG3, 7) (55 kW) Eng. D13B2	91-95				•		Mod. EG7					AN17316	26	30	55	89,5	51					1	1	
1.5 i 16v (EG4) (66 kW) Eng. D15Z1	91-95				•							AN17316	26	30	55	89,5	51					1	1	
1.5 i 16v (EG8) (69 kW) Eng. D15B2/ Z1	91-95				•							AN17316	26	30	55	89,5	51					1	1	
<b>Civic IV Coupe (EJ) '94-'96</b>																								
1.5 i LSi (EJ2) (74 kW) Eng. D15B7	94-				•							AN17316	26	30	55	89,5	51					1	1	
1.6 i Vtec (118 kW) Eng. B16A2	94-				•							AN17316	26	30	55	89,5	51					1	1	
<b>Civic V (EJ9, EK1/3/4) '95-'01</b>																								
1.6 VTi (EK4) (118 kW) Eng. B16A2	11/95-12/96	M/T+A/T			•		-ABS					AN17316	26	30	55	89,5	51					1	1	
<b>Cr-v I (RD1, 3) '95-'05</b>																								
2.0 16v (94 kW) Eng. B20B	95-99				•		+ABS					50	AN17318	28	32	63,9	98	59,5					1	1
2.0 16v (98-108 kW) Eng. B20Z1, 3, 9	99-05				•		+ABS					50	AN17318	28	32	63,9	98	59,5					1	1
<b>Cr-v II (RD8) '02-'06</b>																								
2.0 (110 kW) Eng. K20A4	02-06				•							AN17317	28	32	62,9	93,7	61,2					1	1	
<b>Crx III (EH, EG) '92-'98</b>																								
1.5 (EG1) (66 kW) Eng. D15B	92-95	M/T+A/T			•							AN17316	26	30	55	89,5	51					1	1	
<b>Domani '92-'97</b>																								
1.6 (MA4) (88-96 kW) Eng. ZC	92-97	M/T+A/T			•							AN17316	26	30	55	89,5	51					1	1	
<b>FR-V (BE) '05-</b>																								
1.7 16v (92 kW) Eng. D17A2	05-				•							AN17317	28	32	62,9	93,7	61,2					1	1	
1.8 16v (103 kW) Eng. R18A1	07-				•							AN17317	28	32	62,9	93,7	61,2					1	1	
2.0 (110 kW) Eng. K20A9	05-				•							AN17317	28	32	62,9	93,7	61,2					1	1	
<b>HYUNDAI</b>																								
<b>Accent I (X-3)/Pony III '94-'00</b>																								
1.3 i, 12v (44-55-62 kW) Eng. G4EH	95-00				•		-ABS, Usa					AN12266	25	22	50	82	63					5	1	
1.5 i 12v (65 kW) Eng. G4EK	95-00				•		-ABS, Usa					AN12266	25	22	50	82	63					5	1	
1.5i 16v (73 kW) Eng. G4K	95-00				•		-ABS, Usa					AN12266	25	22	50	82	63					5	1	
<b>Excel I (X1) '86-'90</b>																								
1.5 (53 kW) Eng. G15B	89-90				•		Incl. Usa					AN12266	25	22	50	82	63					5	1	
<b>Getz (TB) '02-</b>																								
1.1 (46 kW) Eng. G4HD/SOCH 12v	02-1/07				•		+ABS					48	AN37101	25	19	52,4	76	62					5	1
1.1 (49 kW) Eng. G4HG	05-1/07				•		+ABS					48	AN37101	25	19	52,4	76	62					5	1
1.3 (60 kW) Eng. G4EA	02-				•		+ABS					48	AN37104	25	22	52,5	79,2	62					5	1
1.3 (63 kW) Eng. G4EA	03-				•		+ABS					48	AN37104	25	22	52,5	79,2	62					5	1

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications																			
									M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M	Fig							
<b>HYUNDAI</b>																												
<b>Getz (TB) '02- (continued)</b>																												
1.4 16v (71 kW) Eng. G4EE	05-			.		+ABS		48	AN37104	25	22	52,5	79,2	62						5	1							
1.6 (77 kW) Eng. G4ED-G	02-			.		+ABS		48	AN37104	25	22	52,5	79,2	62						5	1							
<b>Lantra I (J-1) '90-'95</b>																												
1.5 (63-53 kW) Eng. G15B/ G4DJ	2/91-9/95			.		Eng. G4DJ			AN12266	25	22	50	82	63						5	1							
<b>Pony II (X-2) '89-'95</b>																												
1.3 (43 kW) Eng. G4DG	10/92-06/93			.					AN12266	25	22	50	82	63						5	1							
1.5 (53-61-62 kW) Eng. G15B/ G4DJ	1/92-9/94			.		Eng. G4DJ			AN12266	25	22	50	82	63						5	1							
<b>S Coupe (SLC) '90-'96</b>																												
1.5 (62-53 kW) Eng. G15B/ G4DJ	90-10/92			.		Eng. G4DJ			AN12266	25	22	50	82	63						5	1							
<b>LADA</b>																												
<b>110 '95-</b>																												
1.3 Wankel (88 kW) Eng. VAZ-415	97-			.					ATT LD-001	22	22	50	81	50						4	2							
1.5, 16v (57-67-70 kW) Eng. VAZ 2111/VAZ 2112	00-			.					ATT LD-001	22	22	50	81	50						4	2							
2.0 i (110 kW) Eng. C20XE	96-			.					ATT LD-001	22	22	50	81	50						4	2							
<b>111 '95-</b>																												
1.5 (56 kW) Eng. 2111	00-			.					ATT LD-001	22	22	50	81	50						4	2							
1.5 (57 kW) Eng. VAZ 2111	96-			.					ATT LD-001	22	22	50	81	50						4	2							
1.5 16v (67-70 kW) Eng. VAZ 2112	95-			.					ATT LD-001	22	22	50	81	50						4	2							
<b>112 '95-</b>																												
1.5 (54-57 kW) Eng. VAZ 2111	95-			.					ATT LD-001	22	22	50	81	50						4	2							
1.5 (56 kW) Eng. 2111	00-			.					ATT LD-001	22	22	50	81	50						4	2							
1.5 16v (67 kW) Eng. VAZ 2112	00-			.					ATT LD-001	22	22	50	81	50						4	2							
1.5 16v (70 kW) Eng. VAZ 2112	95-			.					ATT LD-001	22	22	50	81	50						4	2							
<b>1200-1600 '70-'87</b>																												
1.2, SW (44 kW) Eng. BA32101	70-86			.					ATT MO-001	25	25	52	90	58						11	3							
1.3 (51 kW) Eng. BA32103	74-84			.					ATT MO-001	25	25	52	90	58						11	3							
1.3, SW (48 kW) Eng. BA321011	78-87			.					ATT MO-001	25	25	52	90	58						11	3							
<b>Kalina (1117, 1118, 1119) '04-</b>																												
1.6 (60 kW) Eng. 21114	04-			.					ATT LD-001	22	22	50	81	50						4	2							
1.6 16v (66 kW)	04-			.					ATT LD-001	22	22	50	81	50						4	2							
<b>Niva I (2121) '76-</b>																												
1.6 (54 kW) Eng. BA32121	87-95			.					ATT LD-002	22	22	55,9	90	72						3b	2							
1.6 (54 kW) Eng. BA32121	87-95		L	.					ATT LD-701																			
1.6 (54 kW) Eng. BA32121	87-95		R	.					ATT LD-702																			
1.6 (56-59 kW) Eng. BA32121	12/76-			.					ATT LD-002	22	22	55,9	90	72						3b	2							
1.6 (56-59 kW) Eng. BA32121	12/76-		L	.					ATT LD-701																			
1.6 (56-59 kW) Eng. BA32121	12/76-		R	.					ATT LD-702																			

MODEL		YEAR <small>1990-2000</small>	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										A	B	C	D	E	F	H	I	L	M

LADA

**Niva I (2121) '76- (continued)**

Oka '87-'95

0.6 (22 kW)	87-95			•				ATT FI-814	20	19	42	70,5	50				11	1
0.8 (26 kW)	87-95			•				ATT FI-814	20	19	42	70,5	50				11	1

Sagona

1.1 (39 kW) Eng. BA321081	86-		.	.			ATT LD-001	22	22	50	81	50					4	2
1.1 (39 kW) Eng. BA321081	86-		.	.			ATT LD-501	24	22	35	82							
1.3 (45-46-48 kW)	86-		.	.			ATT LD-001	22	22	50	81	50					4	2
1.3 (45-46-48 kW)	86-		.	.			ATT LD-501	24	22	35	82							
1.5i	86-		.	.			ATT LD-001	22	22	50	81	50					4	2
1.5i	86-		.	.			ATT LD-501	24	22	35	82							

**Samara, Forma (2108, 2109) '88**

1.1 (39 kW) Eng. BA321081	88-		.	.			ATT LD-001	22	22	50	81	50				4	2
1.1 (39 kW) Eng. BA321081	88-		.	.			ATT LD-501	24	22	35	82						
1.1 (43 kW) Eng. BA321081(KAT)	96-		.	.			ATT LD-001	22	22	50	81	50				4	2
1.3 (45 kW) Eng. BA32108(KAT)	91-		.	.			ATT LD-001	22	22	50	81	50				4	2
1.3 (45 kW) Eng. BA32108(KAT)	91-		.	.			ATT LD-501	24	22	35	82						
1.3 (46 kW) Eng. 2108	88-		.	.			ATT LD-001	22	22	50	81	50				4	2
1.3 (46 kW) Eng. 2108	88-		.	.			ATT LD-501	24	22	35	82						
1.3 (48 kW) Eng. BA32108	86-		.	.			ATT LD-001	22	22	50	81	50				4	2
1.3 (48 kW) Eng. BA32108	86-		.	.			ATT LD-501	24	22	35	82						
1.3 (50 kW) Eng. BA321115	96-		.	.			ATT LD-001	22	22	50	81	50				4	2
1.5 (50 kW) Eng. BA321083(KAT)	91-		.	.			ATT LD-001	22	22	50	81	50				4	2
1.5 (50 kW) Eng. BA321083(KAT)	91-		.	.			ATT LD-501	24	22	35	82						
1.5 (52 kW) Eng. BA32111	94-		.	.			ATT LD-001	22	22	50	81	50				4	2
1.5 (52 kW) Eng. BA32111	94-		.	.			ATT LD-501	24	22	35	82						
1.5 (53 kW) Eng. BA321083	88-		.	.			ATT LD-001	22	22	50	81	50				4	2
1.5 (53 kW) Eng. BA321083	88-		.	.			ATT LD-501	24	22	35	82						

Shiguli (2107) '70-

1.6 (58-59 kW) Eng. 1600      70-86      •      ATT MO-001      25      25      52      90      58                     11      3

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications										
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L

### MAZDA

#### 3 I (BK) '03-'09

1.3 (62 kW) Eng. ZJ	03-			.						AN20207	36	22	55,2	79	48,3					13a	2
1.6 (77 kW) Eng. Z6	03-	M/T		.						AN20207	36	22	55,2	79	48,3					13a	2
2.0 (110 kW) Eng. LF50	03-			.						AN20207	36	22	55,2	79	48,3					13a	2

### MERCEDES BENZ

#### Classe V (638/2) '96-

200 (638.214) (95 kW) Eng. M111.948	97-	M/T		.		+ABS		48	AN21147	27	27	60	101	64					5	2
230 (638.234) (105 kW) Eng. M111.978	2/96-	M/T		.		+ABS		48	AN21147	27	27	60	101	64					5	2
230 TD (638.274) (72 kW) Eng. OM601.970	2/96-	M/T		.		+ABS		48	AN21147	27	27	60	101	64					5	2

#### Vito I (638) '97-'03

108 D 2.3 (638.064) (58 kW) Eng. OM601.942	97-	M/T		.		+ABS		48	AN21147	27	27	60	101	64					5	2
110 D 2.3 (638.074) (72 kW) Eng. OM601.970	97-	M/T		.		+ABS		48	AN21147	27	27	60	101	64					5	2
113 2.0 (638.014) (95 kW) Eng. M111.948	97-	M/T		.		+ABS		48	AN21147	27	27	60	101	64					5	2
114 2.3 (638.034) (105 kW) Eng. M111.978	97-	M/T		.		+ABS		48	AN21147	27	27	60	101	64					5	2

### MITSUBISHI

#### Colt I (A15A)/Champ '69-'84

1.2 (A151A) (40 kW) Eng. 4G11	9/81-			.					AN12266	25	22	50	82	63					5	1
1.4 (A152A) (51 kW) Eng. 4G12	79-84			.					AN12266	25	22	50	82	63					5	1
1.4 T. (A152A) (77 kW) Eng. 4G12	81-84	M/T+A/T		.					AN12266	25	22	50	82	63					5	1

#### Colt II (C1A)/Champ '84-'88

1.6 T. ECi (C13A) (92 kW) Eng. 4G32T-C	84-88			.					AN12266	25	22	50	82	63					5	1
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#### Colt III (C5A) '88-'92

1.3 (44 kW) Eng. 4G13	88-90			.		Design:MMC			AN12266	25	22	50	82	63					5	1
1.3 (C51A) (51 kW) Eng. 4G13	88-92			.		Design:MMC			AN12266	25	22	50	82	63					5	1
1.3 12v (C51A) (55 kW) Eng. 4G13	90-92			.		Design:MMC			AN12266	25	22	50	82	63					5	1
1.5 (C52A) (62 kW) Eng. 4G15	88-92	M/T+A/T		.		Design:NTN			AN12266	25	22	50	82	63					5	1
1.5 (C52A) (66 kW) Eng. 4G15	88-92	M/T+A/T		.		Design:NTN			AN12266	25	22	50	82	63					5	1

#### Colt IV (CAA) '92-'96

1.6 16v (CA4A) (66-70-73-84 kW) Eng. 4G92	92-	M/T+A/T		.					AN22270	25	30	54	82,6						5	2
1.8 GTi 16v (CA5A) (103 kW) Eng. 4G93	92-	M/T		.					AN22270	25	30	54	82,6						5	2

#### Cordia (A21A) '82-'86

1.6 (A212A) (55 kW) Eng. 4G32	10/82-86	M/T+A/T		.					AN12266	25	22	50	82	63					5	1
2.0 (74 kW) Eng. G63B	82-12/83			.					AN12266	25	22	50	82	63					5	1

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications														
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M	Fig		
<b>MITSUBISHI</b>																								
<b>Galant III (E1A) '84-'87</b>										1.6 (E11A) (55 kW) Eng. 4G32	84-87				•								5 1	
<b>Galant IV (E3A) '87-'92</b>										2.0 Gti 16v, 4WD (E33A, E39A) (106-107 kW) Eng. 4G63	87-92				•		FWD			AN12266	25 22 50 82 63			
<b>Galant V (E5A, E7A, E8A) '92-'96</b>										1.8 (E52A) (85 kW) Eng. 4G93	94-96	M/T+A/T			•					AN22270	25 30 54 82,6			
<b>Lancer I (A17) / Mirage '69-'83</b>										1.8 GDi (E52A) (93 kW) Eng. 4G93(GDI)	11/92-96	M/T+A/T			•					AN22270	25 30 54 82,6			
<b>Lancer II F (A17)/ Mirage '83-'84</b>										1.4 (A172) (50-77 kW) Eng. 4G12	8/79-83	M/T+A/T			•					AN12266	25 22 50 82 63			
<b>Lancer III (C1A, C6A)/ Mirage '83-'92</b>										1.2 (A171) (40 kW) Eng. 4G11	83-84	M/T+A/T			•					AN12266	25 22 50 82 63			
<b>Lancer III (C1V, C3V) SW/ Mirage '84-'92</b>										1.4 (A172) (50 kW) Eng. 4G12	83-84	M/T+A/T			•					AN12266	25 22 50 82 63			
<b>Lancer IV (C6A, C7A)/ Mirage '88-'94</b>										1.5 (C12AS) (55-62-64-66 kW) Eng. 4G15	83-88	M/T+A/T			•					AN12266	25 22 50 82 63			
<b>Lancer III (C1V, C3V) SW/ Mirage '84-'92</b>										1.8 4WD (C37V) (61 kW) Eng. G37B	87-89	M/T+A/T			•		FWD			AN12266	25 22 50 82 63			
<b>Lancer IV (C6A, C7A)/ Mirage '88-'94</b>										1.8 4WD (C37V) (63-66-69 kW) Eng. 4G37	87-92	M/T+A/T			•		FWD			AN12266	25 22 50 82 63			
<b>Lancer V (CB/DA)/ Mirage, Coupè '92-'95</b>										1.3 12v (C61A) (55 kW) Eng. 4G13	92-94	A/T			•		Design:NTN			AN12266	25 22 50 82 63			
<b>Lancer VI (CK/PA)/ Mirage coupè '95-'07</b>										1.5 12v (C62A) (61-62-66 kW) Eng. 4G15(12v)	9/90-92				•					AN12266	25 22 50 82 63			
<b>Precis '83-'94</b>										1.8 4WD (C77A) (71 kW) Eng. 4G37	89-6/92	M/T+A/T			•		FWD			AN12266	25 22 50 82 63			
<b>Space Wagon I (D0V/W) '83-'91</b>										1.6 16v, 4WD (CB/CD4A) (66-70-73-83 kW) Eng. 4G92	1/94-	M/T+A/T								AN22270	25 30 54 82,6			
<b>Tredia (A21) '82-'87</b>										1.8 (D05W) (66 kW) Eng. 4G37	1/84-91				•					AN12266	25 22 50 82 63			
All models										1.4 (A211) (51 kW) Eng. 4G12	82-85				•		Usa			AN12266	25 22 50 82 63			
<b>Space Wagon I (D0V/W) '83-'91</b>										1.6 (A212) (55 kW) Eng. 4G32	82-87	M/T+A/T			•					AN12266	25 22 50 82 63			

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications																			
									M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M	Fig							
<b>MOSKVICH</b>																												
<b>21412 '89-</b>																												
1.5 (51 kW)	5/89-			.																	11 3							
1.5 (51 kW)	5/89-			.																								
<b>NISSAN</b>																												
<b>100 NX (B13) '90-'94</b>																												
1.6, 16v (66-71-73 kW) Eng. GA16DS	3/90-94			.		-ABS															5 2							
<b>Almera I (N15) '95-'00</b>																												
1.6 (66-73-75 kW) Eng. GA16DE	9/95-			.		-ABS															5 2							
2.0 D (55 kW) Eng. CD20	9/95-			.		-ABS															5 2							
<b>Almera II (N16) '00-</b>																												
1.5 (66 kW) Eng. QG15DE	7/00-2/03			.		+ABS, ABS:44 Made in UK, Mod. EP1			44		AN23157	25	22	55	79	56					11 1							
1.5 (72 kW) Eng. QG15DE	02-2/03			.		+ABS, ABS:44 Made in UK, Mod. EP1			44		AN23157	25	22	55	79	56					11 1							
1.5 DCi (60 kW) Eng. K9K702/710/722	03-2/03			.		+ABS, Made in UK			42		AN23156	25	23	55	82	56					11 1							
1.8 16v (84-85 kW) Eng. QG18DE	00-			.		+ABS, Made in UK			42		AN23156	25	23	55	82	56					11 1							
1.8 16v (84-85 kW) Eng. QG18DE	01-8/02	A/T		.		-ABS, Made in UK			AN23152			25	23	55	90,3	56					5 2							
<b>Presea (R10) '90-</b>																												
1.8 (84 kW) Eng. SR18Di	90-			.		-ABS															5 2							
<b>Primera II (P11) '96-'02</b>																												
1.6 16v (66-73 kW) Eng. GA16DE	9/96-02			.		+ABS			44		AN23153	27	22	56	87	59					5 2							
1.6 16v (78 kW) Eng. QG16DE	00-02			.		+ABS			44		AN23154	27	32	56	92	59					5 2							
1.8 16v (84 kW) Eng. QG18DE	8/99-02			.		+ABS			44		AN23154	27	32	56	92	59					5 2							
2.0 16v (110 kW) Eng. SR20DEEGIKat.	96-02			.		+ABS			44		AN23154	27	32	56	92	59					5 2							
2.0 16v (85 kW) Eng. SR20DI(SPI)	9/96-02			.		+ABS			44		AN23154	27	32	56	92	59					5 2							
2.0 16v (96 kW) Eng. SR20DE(MPI)	9/96-02			.		+ABS			44		AN23154	27	32	56	92	59					5 2							
2.0 i 16v (103 kW) Eng. SR20DE	99-02			.		+ABS			44		AN23154	27	32	56	92	59					5 2							
2.0 TD (66 kW) Eng. CD20T	9/96-02			.		+ABS			44		AN23154	27	32	56	92	59					5 2							
<b>Primera II (WP11) SW '98-'02</b>																												
1.6 16v (66-73 kW) Eng. GA16DE	98-02			.		+ABS			44		AN23153	27	22	56	87	59					5 2							
1.8 16v (84 kW) Eng. QG18DE	99-02			.		+ABS			44		AN23154	27	32	56	92	59					5 2							
2.0 16v (103 kW) Eng. SR20DE	99-02			.		+ABS			44		AN23154	27	32	56	92	59					5 2							
2.0 16v (85 kW) Eng. SR20DI(SPI)	98-02			.		+ABS			44		AN23154	27	32	56	92	59					5 2							
2.0 16v (96 kW) Eng. SR20DE(MPI)	98-02			.		+ABS			44		AN23154	27	32	56	92	59					5 2							
2.0 TD (66 kW) Eng. CD20T	98-02			.		+ABS			44		AN23154	27	32	56	92	59					5 2							
<b>Primera III (W/P12), SW '02-</b>																												
1.6 (78 kW) Eng. QG16DE	3/02-			.		+ABS			44		AN23159	27	23	56	87	59,5					5 1							
1.6 (80 kW) Eng. QG16DE	3/02-			.		+ABS			44		AN23159	27	23	56	87	59,5					5 1							
1.8 16v (84 kW) Eng. QG18DE	3/02-			.		+ABS			44		AN23159	27	23	56	87	59,5					5 1							
<b>Pulsar IV / Langley '90-'95</b>																												
1.4 i 16v (64 kW) Eng. GA14DE	10/90-			.		-ABS, FWD															5 2							

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications											
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M

### NISSAN

#### Pulsar IV/ Langley '90-'95 (continued)

1.5 4WD (77 kW) Eng. GA15DS	91-			•		-ABS, FWD		AN23152	25	23	55	90,3	56							5	2
1.6, 16v 4WD, SW (66 kW) Eng. GA16DS	90-			•		-ABS		AN23152	25	23	55	90,3	56							5	2
1.7 D 4WD (40 kW) Eng. CD17	90-			•		-ABS, FWD		AN23152	25	23	55	90,3	56							5	2
1.8 4WD (84 kW) Eng. GA18DE	90-	M/T		•		-ABS, FWD		AN23152	25	23	55	90,3	56							5	2
2.0 GTI-R 4WD (162 kW) Eng. SR20DET	90-95			•		-ABS, FWD		AN23152	25	23	55	90,3	56							5	2
2.0i (95 kW) Eng. SR20i	90-	M/T		•		-ABS		AN23152	25	23	55	90,3	56							5	2

#### Sentra I '81-'82

160, CX, CS, SE				•		-ABS, South Africa		AN23152	25	23	55	90,3	56							5	2
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#### Sentra IV (N14, B13) '90-'95

1.4 i 16v (64 kW) Eng. GA14DE	10/90-			•		-ABS, FWD		AN23152	25	23	55	90,3	56							5	2
1.5 4WD (77 kW) Eng. GA15DS	90-			•		-ABS, FWD		AN23152	25	23	55	90,3	56							5	2
1.6 16v, 4WD, SW (73-75 kW) Eng. GA16DE	92-			•		-ABS		AN23152	25	23	55	90,3	56							5	2
1.6, 16v 4WD, SW (66 kW) Eng. GA16DS	90-			•		-ABS		AN23152	25	23	55	90,3	56							5	2
1.7 D 4WD (40 kW) Eng. CD17	90-	M/T		•		-ABS, FWD		AN23152	25	23	55	90,3	56							5	2
1.8 4WD (84 kW) Eng. GA18DE	90-	M/T		•		-ABS, FWD		AN23152	25	23	55	90,3	56							5	2
2.0i (95 kW) Eng. SR20i	90-	M/T		•		-ABS		AN23152	25	23	55	90,3	56							5	2

#### Sunny IV (N14) '90-'95

1.4 i 16v (64 kW) Eng. GA14DE	90-95	A/T		•		-ABS, FWD		AN23152	25	23	55	90,3	56							5	2
1.5 (51 kW) Eng. GA15DS	90-95			•		-ABS, FWD		AN23152	25	23	55	90,3	56							5	2
1.6, 16v 4WD, SW (66 kW) Eng. GA16DS/ DE / DEL	90-95			•		-ABS		AN23152	25	23	55	90,3	56							5	2
1.7 D 4WD (40 kW) Eng. CD17	90-95	M/T		•		-ABS, FWD		AN23152	25	23	55	90,3	56							5	2
1.8 4WD (84 kW) Eng. GA18DE	90-95	M/T		•		-ABS, FWD		AN23152	25	23	55	90,3	56							5	2
2.0 GTI-R 4WD (147-162 kW) Eng. SR20DET	90-95			•		-ABS, FWD		AN23152	25	23	55	90,3	56							5	2
2.0i (95 kW) Eng. SR20i	90-95	M/T		•		-ABS		AN23152	25	23	55	90,3	56							5	2

#### Sunny IV (Y10) '90-'95

1.6, 16v 4WD, SW (66 kW) Eng. GA16DS/ DE	90-95			•		-ABS, FWD		AN23152	25	23	55	90,3	56							5	2
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### OPEL

#### Astra F Classic, SW '98-'04

1.4 i (44 kW) Eng. X14NZ/ C / SZ	98-04			•		+ABS, Ch -P2732833		29	AN24094	22	22	52	81	57						11	3
1.4 i (44 kW) Eng. X14NZ/ C / SZ	98-04			•		+ABS, Ch -P273284		29	AN24324	22	22	52	81	58,5						9	3
1.4 i (66 kW) Eng. X14XE	98-00			•		+ABS		29	AN24324	22	22	52	81	58,5						9	3
1.7TD (50 kW) Eng. X17DTL	98-00			•		+ABS, Ch -P8202125		29	AN24098	33	25	52	90	61						5	3
1.7TD (50 kW) Eng. X17DTL	98-00			•		+ABS, Ch P8202126-		29	AN24324	22	22	52	81	58,5						9	3
2.0 i (100 kW) Eng. X20XEV	98-00			•		+ABS, Ch -P8202125		29	AN24098	33	25	52	90	61						5	3
2.0 i (100 kW) Eng. X20XEV	98-00			•		+ABS, Ch P8202126-		29	AN24324	22	22	52	81	58,5						9	3

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications																			
									A	B	C	D	E	F	H	I	L	M	Fig									
<b>OPEL</b>																												
<b>Astra F, SW '91-'98</b>																												
1.4 i (44 kW) Eng. C14NZ	1/94-9/98			.		+ABS		29	AN24324	22	22	52	81	58,5					9	3								
1.4 i (44 kW) Eng. C14NZ	8/91-12/93			.		+ABS, Ch N500001-		29	AN24094	22	22	52	81	57					11	3								
1.4 i 16v, Cabrio (66 kW) Eng. X14XE	96-98			.		+ABS		29	AN24324	22	22	52	81	58,5					9	3								
1.4 Si, Cabrio (60 kW) Eng. C14SE	1/94-9/98			.		+ABS		29	AN24324	22	22	52	81	58,5					9	3								
1.4 Si, Cabrio (60 kW) Eng. C14SE	92-12/93			.		+ABS, Ch N500001-		29	AN24094	22	22	52	81	57					11	3								
1.6 i (55 kW) Eng. C16NZ/ E16NZ	92-	M/T+A/T		.		+ABS, Ch N500001-		29	AN24094	22	22	52	81	57					11	3								
1.6 i 16v (74 kW) Eng. X16XEL	94-			.		+ABS, Ch P2732834-		29	AN24324	22	22	52	81	58,5					9	3								
1.6 i 16v (74 kW) Eng. X16XEL	94-98			.		+ABS, Ch -P2732833		29	AN24094	22	22	52	81	57					11	3								
1.6 Si (74 kW) Eng. C16SE	1/94-			.		+ABS		29	AN24324	22	22	52	81	58,5					9	3								
1.6 Si (74 kW) Eng. C16SE	92-12/93	M/T		.		+ABS, Ch N500001-		29	AN24094	22	22	52	81	57					11	3								
1.7 D (42 kW) Eng. 17D	3/92-9/92	M/T+A/T		.		+ABS, Ch N500001-		29	AN24098	33	25	52	90	61					5	3								
1.7 D (44 kW) Eng. 17D/ DR	1/94-9/98	A/T		.		+ABS, Ch N500001-		29	AN24098	33	25	52	90	61					5	3								
1.7 D (44 kW) Eng. 17D/ DR	1/94-9/98	M/T		.		+ABS		29	AN24324	22	22	52	81	58,5					9	3								
1.7 D (44 kW) Eng. 17D/ DR	92-12/93	M/T+A/T		.		+ABS, Ch N500001-		29	AN24098	33	25	52	90	61					5	3								
1.7 TDS (60 kW) Eng. 17DT(TC4EE1)/ X17DT	92-98	M/T+A/T		.		+ABS, Ch N500001-		29	AN24098	33	25	52	90	61					5	3								
1.8 i (66 kW) Eng. C18NZ	92-98	M/T+A/T		.		+ABS, Ch N500001-		29	AN24098	33	25	52	90	61					5	3								
1.8 i 16v, Cabrio (85 kW) Eng. C18XEL/ X18XE	94-98	M/T+A/T		.		+ABS, Ch N500001-		29	AN24098	33	25	52	90	61					5	3								
1.8 i 16v, Cabrio (92 kW) Eng. C18XE	93-94	M/T+A/T		.		+ABS, Ch N500001-		29	AN24098	33	25	52	90	61					5	3								
2.0 16v SW (110 kW) Eng. C20XE	92-98	M/T+A/T		.		+ABS, Ch N500001-		29	AN24098	33	25	52	90	61					5	3								
2.0 i 16v (100 kW) Eng. X20XEV	95-98	M/T+A/T		.		+ABS, Ch N500001-		29	AN24098	33	25	52	90	61					5	3								
2.0 i, Cabrio (85 kW) Eng. C20NE	92-98	M/T+A/T		.		+ABS, Ch N500001-		29	AN24098	33	25	52	90	61					5	3								
<b>Astra G, SW '98-'04</b>																												
1.4 i 16v (66 kW) Eng. X14XE/ Z14XE	98-04			.		Eng. X14XE			AN24271	33	22	52	81	57					8	3								
1.6 (62 kW) Eng. Z16SE	00-04			.					AN24271	33	22	52	81	57					8	3								
1.6 16v, Cabrio (74 kW) Eng. X16XEL/ Z16XE	98-04			.		Eng. X16XEL			AN24271	33	22	52	81	57					8	3								
1.6 16v, Cabrio (76 kW) Eng. Z16XEP	00-			.					AN24271	33	22	52	81	57					8	3								
1.6 i 16v (55 kW) Eng. X16SZR	98-00			.					AN24271	33	22	52	81	57					8	3								
1.7 CDTi (59 kW) Eng. Z17DTL	03-04			.					AN24271	33	22	52	81	57					8	3								
1.7 TD (50 kW) Eng. X17DTL	98-00			.					AN24271	33	22	52	81	57					8	3								
<b>Astra H Cabriolet '05-'09</b>																												
1.6 16v (77 kW) Eng. Z16XEP	05-			.					AN24272	33	22	53	79,2	53					7	1								
<b>Astra H, SW, GTC '04-'09</b>																												
1.4 16v (66 kW) Eng. Z14XEP	04-			.					AN24272	33	22	53	79,2	53					7	1								
1.6 16v (77 kW) Eng. Z16XEP	04-			.					AN24272	33	22	53	79,2	53					7	1								
1.6 16v (85 kW) Eng. Z16XER	07-			.					AN24272	33	22	53	79,2	53					7	1								

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications																				
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M	Fig								
<b>OPEL</b>																														
<b>Calibra A '90-'97</b>																														
2.0 16v, 4WD (110-115 kW) Eng. C20XE	8/91-94				•		+ABS, FWD, Ch N5000001-	29	AN24098	33	25	52	90	61						5	3									
2.0 i (85 kW) Eng. C20NE	8/91-7/97	M/T+A/T			•		+ABS, Ch N5000001-	29	AN24098	33	25	52	90	61						5	3									
2.0 i 16v, 4WD (100 kW) Eng. X20XEV	94-7/97				•		+ABS, FWD, Ch N5000001-	29	AN24098	33	25	52	90	61						5	3									
2.0 i 4WD (85 kW) Eng. C20NE	8/91-7/97				•		+ABS, FWD, Ch N5000001-	29	AN24098	33	25	52	90	61						5	3									
2.0 i T. 4WD (150 kW) Eng. C20LET	92-97				•		+ABS, FWD, Ch N5000001-	29	AN24098	33	25	52	90	61						5	3									
<b>Corsa B / Corsa '93-'00</b>																														
1.5 D (37 kW) Eng. 15D(4EC1)	96-00	M/T			•		+ABS	29	AN24324	22	22	52	81	58,5						9	3									
1.6 GSi 16v (80 kW) Eng. C16XE	93-00				•		+ABS	29	AN24324	22	22	52	81	58,5						9	3									
1.6 i 16v (78 kW) Eng. X16XE	94-00				•		+ABS	29	AN24324	22	22	52	81	58,5						9	3									
<b>Kadett E / Astra E, Belmont '84-'91</b>																														
1.2 (40 kW) Eng. 12SC	84-86				•		+ABS, Ch F000001-	29	AN24094	22	22	52	81	57						11	3									
1.3 (55 kW) Eng. 13S	9/84-87				•		+ABS, Ch F000001-	29	AN24094	22	22	52	81	57						11	3									
1.3i, Kat (44 kW) Eng. 13NB/ C13N/ 13N	85-91				•		+ABS, Ch F000001-	29	AN24094	22	22	52	81	57						11	3									
1.4 i (44 kW) Eng. C14NZ/ X14SZ	90-91				•		+ABS	29	AN24094	22	22	52	81	57						11	3									
1.4 S (55 kW) Eng. 14NV	90-91				•		+ABS	29	AN24094	22	22	52	81	57						11	3									
1.6 (60 kW) Eng. 16SV	86-91				•		+ABS, Ch F000001-	29	AN24094	22	22	52	81	57						11	3									
1.6 D (40 kW) Eng. 16D/ 16DA	9/84-1/89	M/T			•		+ABS	29	AN24098	33	25	52	90	61						5	3									
1.6 i, Kat (55 kW) Eng. C16LZ/ NZ/ E16NZ	86-91				•		+ABS, Ch F000001-	29	AN24094	22	22	52	81	57						11	3									
1.7 D (42 kW) Eng. 17D	89-91				•		+ABS	29	AN24098	33	25	52	90	61						5	3									
1.8 (85 kW) Eng. 18E	84-91				•		+ABS, Ch F000001-	29	AN24098	33	25	52	90	61						5	3									
2.0 GSi 16v, Kat (110 kW) Eng. 20XE/ 20XEJ/ C20XE	88-91				•		+ABS, Ch F000001-	29	AN24098	33	25	52	90	61						5	3									
2.0 i, Kat (85 kW) Eng. 20NE/ C20NE	87-91				•		+ABS, Ch F000001-	29	AN24098	33	25	52	90	61						5	3									
<b>Kadett E SW '84-'91</b>																														
1.2 (40 kW) Eng. 12SC	84-86				•		+ABS, Ch F000001-	29	AN24094	22	22	52	81	57						11	3									
1.3 (55 kW) Eng. 13S	84-87				•		+ABS, Ch F000001-	29	AN24094	22	22	52	81	57						11	3									
1.3i, Kat (44 kW) Eng. 13NB/ C13N	85-91				•		+ABS, Ch F000001-	29	AN24094	22	22	52	81	57						11	3									
1.4 i (44 kW) Eng. C14NZ/ X14SZ	90-91				•		+ABS	29	AN24094	22	22	52	81	57						11	3									
1.4 S (55 kW) Eng. 14NV	90-91				•		+ABS	29	AN24094	22	22	52	81	57						11	3									
1.6 D (40 kW) Eng. 16D/ 16DA	9/84-1/89	M/T			•		+ABS	29	AN24098	33	25	52	90	61						5	3									
1.6 i, Kat (55 kW) Eng. C16LZ/ NZ/ E16NZ	86-91				•		+ABS, Ch F000001-	29	AN24094	22	22	52	81	57						11	3									
1.7 D (42 kW) Eng. 17D	1/89-91				•		+ABS	29	AN24098	33	25	52	90	61						5	3									
1.8 (85 kW) Eng. 18E	84-86				•		+ABS, Ch F000001-	29	AN24098	33	25	52	90	61						5	3									
2.0 i, Kat (85 kW) Eng. 20NE/ C20NE	87-91				•		+ABS, Ch F000001-	29	AN24098	33	25	52	90	61						5	3									
<b>Tigra A '94-'00</b>																														
1.6 i 16v (78 kW) Eng. X16XE	7/94-	M/T			•		+ABS	29	AN24324	22	22	52	81	58,5						9	3									

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications																			
									M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M	Fig							
<b>OPEL</b>																												
<b>Vectra A (86, 87) / Cavalier III '88-'95</b>																												
1.4 S (55 kW) Eng. 14NV	8/91-92	M/T+A/T		.		+ABS, Ch N1000001-		29	AN24094	22	22	52	81	57						11	3							
1.6 (60 kW) Eng. 16SV	8/91-93	M/T+A/T		.		+ABS, Ch N1000001-		29	AN24094	22	22	52	81	57						11	3							
1.6 i (52 kW) Eng. X16SZ	93-			.		+ABS		29	AN24098	33	25	52	90	61						5	3							
1.6 i, Kat (55 kW) Eng. 16LZ2/ C16NZ/ NZ2/ E16NZ	8/91-95	M/T+A/T		.		+ABS, Ch N1000001-		29	AN24094	22	22	52	81	57						11	3							
1.7 D (42-44 kW) Eng. 17D/ DR	8/91-92	M/T+A/T		.		+ABS, Ch N1000001-		29	AN24098	33	25	52	90	61						5	3							
1.7 TDS (60 kW) Eng. 17DT(TC4EE1)/ X17DT	8/91-95	M/T		.		+ABS, Ch N1000001-		29	AN24098	33	25	52	90	61						5	3							
1.8 4WD, Kat (65-66 kW) Eng. 18SV/ C18NZ/ E18NVR	8/91-95	M/T+A/T		.		+ABS, FWD, Ch N1000001-		29	AN24098	33	25	52	90	61						5	3							
2.0 GT 16v Kat, 4WD (110 kW) Eng. 20XE/ 20XEJ/ C20XE	1/89-11/95	M/T		.		+ABS, FWD, Ch N1000001-		29	AN24098	33	25	52	90	61						5	3							
2.0 i 16v, 4WD (100 kW) Eng. X20XEV	94-11/95	M/T		.		+ABS, FWD, Ch N1000001-		29	AN24098	33	25	52	90	61						5	3							
2.0 i, 4WD (95 kW) Eng. 20SEH	8/91-92	M/T+A/T		.		+ABS, Ch N1000001-		29	AN24098	33	25	52	90	61						5	3							
2.0 i, 4WD, Kat (85 kW) Eng. 20NE/ C20NE	8/91-95	M/T+A/T		.		+ABS, Ch N1000001-		29	AN24098	33	25	52	90	61						5	3							
<b>Vectra B, SW / Vectra '95-'02</b>																												
1.6 i (55 kW) Eng. 16LZ2	10/95-02			.		Ch W1285447-			AN24271	33	22	52	81	57						8	3							
1.6 i (55 kW) Eng. 16LZ2	10/95-02			.		+ABS, Ch -W1285446		29	AN24324	22	22	52	81	58,5						9	3							
1.6 i (55 kW) Eng. X16SZR	10/95-02			.		Ch W1285447-			AN24271	33	22	52	81	57						8	3							
1.6 i (55 kW) Eng. X16SZR	10/95-02			.		+ABS, Ch -W1285446		29	AN24324	22	22	52	81	58,5						9	3							
1.6 i 16v (74 kW) Eng. X16XEL/ Y16XE/ Z16XE	10/95-02			.		Ch W1285447-			AN24271	33	22	52	81	57						8	3							
1.6 i 16v (74 kW) Eng. X16XEL/ Y16XE/ Z16XE	10/95-02			.		+ABS, Ch -W1285446		29	AN24324	22	22	52	81	58,5						9	3							
<b>Zafira B '05-</b>																												
1.6 16v (69 kW) Eng. Z16YNG	08-			.					AN24272	33	22	53	79,2	53						7	1							
1.6 16v (77 kW) Eng. Z16XEP	10/05-			.					AN24272	33	22	53	79,2	53						7	1							
1.6 16v (85 kW) Eng. Z16XER	08-			.					AN24272	33	22	53	79,2	53						7	1							
<b>OPEL LCV</b>																												
<b>Astra G Van (F70) '99-'04</b>																												
1.6i (55 kW) Eng. X16SZR	99-00			.					AN24271	33	22	52	81	57						8	3							
1.6i (62 kW) Eng. Z16SE	00-			.					AN24271	33	22	52	81	57						8	3							
1.7 CDTi (59 kW) Eng. Z17DTL	03-04			.					AN24271	33	22	52	81	57						8	3							
1.7 TD (50 kW) Eng. X17DTL	99-			.					AN24271	33	22	52	81	57						8	3							
<b>Astra H Van '04-'09</b>																												
1.4 16v (66 kW) Eng. Z14XEP	04-			.					AN24272	33	22	53	79,2	53						7	1							
1.6 16v (76 kW) Eng. Z16XEP	05-			.					AN24272	33	22	53	79,2	53						7	1							

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications											
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M

### PEUGEOT LCV

**Boxer I (230) '94-'02**

1.9 D (50 kW) Eng. DJY(XUD9A)	99-02			•		+ABS		54	AN25257	28	39	62,9	100,4	60						4	2
1.9 D (51 kW) Eng. D8C(XUD9AU)	1/94-02			•		+ABS		54	AN25257	28	39	62,9	100,4	60						4	2
1.9 TD, 4WD (66-68 kW) Eng. DHY(XUD9TE)	1/94-02			•		+ABS		54	AN25257	28	39	62,9	100,4	60						4	2
1.9 TD, 4WD (68 kW) Eng. D8C(XUD9UTF)	1/94-02			•		+ABS		54	AN25257	28	39	62,9	100,4	60						4	2
2.0 HDi (62 kW) Eng. RHV(DW10UTD)	01-02			•		+ABS		54	AN25257	28	39	62,9	100,4	60						4	2
2.0, 4WD (80 kW) Eng. RFW(XU10J2/ C)	1/94-02			•		+ABS		54	AN25257	28	39	62,9	100,4	60						4	2
2.5 D, 4WD (63 kW) Eng. T9A(DJ5)	1/94-02			•		+ABS		54	AN25257	28	39	62,9	100,4	60						4	2
2.5 TD, 4WD (76-95 kW) Eng. T8A(DJ5T)	1/94-02			•		+ABS		54	AN25257	28	39	62,9	100,4	60						4	2
2.5 TD, 4WD (79 kW) Eng. THX(DJ5TED)	97-02			•		+ABS		54	AN25257	28	39	62,9	100,4	60						4	2
2.8 HDi, 4WD (93-94 kW) Eng. 8140.43S	00-02			•		+ABS		54	AN25257	28	39	62,9	100,4	60						4	2

### PLYMOUTH

**Champ**

1.4	78-86			•		+ABS, 11-15Q		54	AN25257	28	39	62,9	100,4	60						5	1
1.6	78-86			•		+ABS, 11-15-18Q		54	AN25257	28	39	62,9	100,4	60						4	2
2.2 HDi (74 kW) Eng. 4HY(DW12UTED)	4/02-			•		+ABS, 11-15Q		54	AN25257	28	39	62,9	100,4	60						4	2
2.8 HDi, 4WD (94 kW) Eng. 8140.43S	4/02-			•		+ABS, 11-15Q		54	AN25257	28	39	62,9	100,4	60						4	2

### PONTIAC

**Lemans**

1.6	89-93			•					AN12266	25	22	50	82	63						5	1
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### PROTON

**Iswara '87-'90**

1.3	87-90			•					AN12266	25	22	50	82	63						5	1
1.5	87-90			•					AN12266	25	22	50	82	63						5	1

**Saga**

All models	83-87			•					AN12266	25	22	50	82	63						5	1
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### RENAULT

**Clio III '05-**

1.6 16v (65 kW) Eng. K4M804	05-			•					AN27380	23	30	49	83,6	50						11	2
1.6 16v (82 kW) Eng. K4M800/ 801	05-	M/T+A/T		•		+/-ABS, 5Sp			AN27380	23	30	49	83,6	50						11	2

**Clio III Grandtour '08-**

1.6 16v (82 kW) Eng. K4M800/ 801	08-	M/T		•	5Sp				AN27380	23	30	49	83,6	50						11	2
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MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications											
									M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M

### RENAULT

#### Grand Modus '08-

1.5 DCi (63 kW) Eng. K9K750	08-	M/T	.	5Sp			AN27380	23	30	49	83,6	50							11	2
1.5 DCi (76 kW) Eng. K9K772	08-	M/T	.	5Sp			AN27380	23	30	49	83,6	50							11	2
1.5 DCi (78 kW) Eng. K9K764	08-	M/T	.	5Sp			AN27380	23	30	49	83,6	50							11	2

#### Megane II (BM0, CM0), SW, Coupé '02-'08

1.4 16v (BM0B, CM0B) (70-72 kW) Eng. K4J730	02-		.				AN27380	23	30	49	83,6	50							11	2
1.4 16v (Exc. SW) (60 kW) Eng. K4J732	03-		.				AN27380	23	30	49	83,6	50							11	2
1.5 DCi (74 kW) Eng. K9K728/ 729	03-08		.				AN27380	23	30	49	83,6	50							11	2
1.5 DCi (BM0F, CM0F) (60 kW) Eng. K9K702/ 710/ 722	02-		.				AN27380	23	30	49	83,6	50							11	2
1.5 DCi, Coupé, Cabrio (63 kW) Eng. K9K724	05-		.				AN27380	23	30	49	83,6	50							11	2
1.5 DCi, Coupé, Cabrio (78 kW) Eng. K9K764/ 732	05-08		.				AN27380	23	30	49	83,6	50							11	2
1.6 16v, Coupé, Cabrio (BM0C, CM0C) (83 kW) Eng. K4M760/ 761	02-		.				AN27380	23	30	49	83,6	50							11	2

#### Modus '04-

1.5 DCi (50 kW) Eng. K9K752	8/05-		.				AN27380	23	30	49	83,6	50							11	2
1.6 16v (82 kW) Eng. K4M790	04-	M/T+A/T	.		+/-ABS, 5Sp		AN27380	23	30	49	83,6	50							11	2

### RENAULT LCV, TRUCK

#### Megane II Van '02-'07

1.5 DCi (63 kW) Eng. K9K724	05-		.				AN27380	23	30	49	83,6	50							11	2
1.5 DCi (78 kW) Eng. K9K764	05-		.				AN27380	23	30	49	83,6	50							11	2

### SEAT

#### Alhambra I (7V8, 7V9) '96-'10

1.8 T. 20v (110 kW) Eng. AJH/ AWC	97-4/00		.		+ABS		48	AN34206	38	27	60	98	34						13	2
1.9 TDi (110 kW) Eng. BTB	05-		.		+ABS		48	AN34206	38	27	60	98	34						13	2
1.9 TDi (66 kW) Eng. 1Z/ AHU/ ANU	8/96-4/00		.		+ABS		48	AN34206	38	27	60	98	34						13	2
1.9 TDi (81 kW) Eng. AFN	8/96-4/00		.		+ABS		48	AN34206	38	27	60	98	34						13	2
2.0 i (85 kW) Eng. ADY/ ATM	8/96-4/00		.		+ABS, Eng. ADY		48	AN34206	38	27	60	98	34						13	2

#### Altea (5P1) / Altea XL '04-

1.4 TSi (92 kW) Eng. CAXA/ CAXC	07-		.					AN34220	36	30	59,5	90	40						13	2
1.6 (75 kW) Eng. BGU/ BSE/ BSF	4/04-		.		Tiptronic			AN34220	36	30	59,5	90	40						13	2
1.6 (75 kW) Eng. BGU/ BSE/ BSF	4/04-	M/T	.		5Sp			AN34222	36	30	59,6	89,9	40						13	2
1.8 16v TFSI (118 kW) Eng. BYT/ BZB	07-		.					AN34221	36	27	59,5	97,95	40,5						13	2
1.9 TDi (77 kW) Eng. BKC/ BJB/ BLS/ BXE	4/04-	A/T	.		6Sp, Eng. BKC			AN34221	36	27	59,5	97,95	40,5						13	2
1.9 TDi (77 kW) Eng. BKC/ BJB/ BLS/ BXE	4/04-	M/T	.		6Sp, Eng. BKC			AN34220	36	30	59,5	90	40						13	2
2.0 FSI (110 kW) Eng. BLR/ BLY/ BVY/ BVZ	4/04-	A/T	.		6Sp			AN34220	36	30	59,5	90	40						13	2
2.0 TDi (100 kW) Eng. AZV	04-		.					AN34221	36	27	59,5	97,95	40,5						13	2

MODEL		YEAR <small>1990-2000</small>	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										A	B	C	D	E	F	H	I	L	M

SEAT

**Altea (5P1) / Altea XL '04- (continued)**

2.0 TDi DPF, 4WD (125 kW) Eng. BMN	05-			•				AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TDi,4WD (103 kW) Eng. BKD/ BMM	04-			•				AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TFSi FR, 4WD (147 kW) Eng. BWA	05-			•				AN34221	36	27	59,5	97,95	40,5				13	2

Cordoba I (6K2/C2/6K5), Vario '93-'99

1.4 (44 kW) Eng. AEX/ AKV/ ANX/ APQ	96-99	M/T		•	Exc. Vario	AV11320	33	92					
1.4 (44 kW) Eng. AKK/ AUD	6/94-	M/T		•	Exc. Vario	AV11320	33	92					
1.4 (44 kW) Eng. ANW	96-99	M/T		•	Exc. Vario	AV11320	33	92					
1.4 i (44 kW) Eng. ABD	6/94-	M/T		•	Exc. Vario	AV11320	33	92					
1.6 i (74 kW) Eng. AFT	4/96-	M/T		•		AV34330	33	94					
1.6i (52-54-55 kW) Eng. 1F	9/96-	M/T		•	Vario	AN11280	22	30	53	90	49		11 2
1.6i (52-54-55 kW) Eng. 1F	96-	M/T		•	Exc. Vario	AV11320	33	92					
1.6i (55 kW) Eng. ABU	9/96-	M/T		•	Vario	AN11280	22	30	53	90	49		11 2
1.6i (55 kW) Eng. ABU	96-	M/T		•	Exc. Vario	AV11320	33	92					
1.6i (55 kW) Eng. AEE/ ALM	9/96-	M/T		•	Vario	AN11280	22	30	53	90	49		11 2
1.6i (55 kW) Eng. AEE/ ALM	96-	M/T		•	Exc. Vario	AV11320	33	92					
1.8 i (66 kW) Eng. ABS/ ADZ	10/93-	M/T+A/T		•		AN11280	22	30	53	90	49		11 2
1.8 i 16v (95 kW) Eng. ADL	10/93-	M/T+A/T		•		AN11280	22	30	53	90	49		11 2
1.9 D (47-50 kW) Eng. 1Y	93-	M/T		•		AV34330	33	94					
1.9 TD (50-55 kW) Eng. AAZ	10/93-	M/T		•		AN11280	22	30	53	90	49		11 2
1.9 TDi (66 kW) Eng. 1Z/ AHU/ ANU	96-	M/T		•		AN11280	22	30	53	90	49		11 2
1.9 TDi (81 kW) Eng. AFN	97-99	M/T		•		AN11280	22	30	53	90	49		11 2
2.0 i (85 kW) Eng. 2E/ AGG/ ADY	10/93-	M/T		•		AN11280	22	30	53	90	49		11 2
2.0 i 16v (110 kW) Eng. ABF	8/96-6/99	M/T		•		AN11276	36	30	52.8	90	40		11 2

#### **Cordoba II (6K2/6K5), Vario '99-'02**

1.9 TDI (66 kW) Eng. AGR/ ALH	99-02		•				AN11280	22	30	53	90	49				11	2
1.9 TDI (81 kW) Eng. ASK/ ASV	99-02		•				AN11280	22	30	53	90	49				11	2

Ibiza II (6K1) '93-'99

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications																			
									A	B	C	D	E	F	H	I	L	M	Fig									
<b>SEAT</b>																												
<b>Ibiza II (6K1) '93-'99 (continued)</b>																												
1.6i (55 kW) Eng. ABU	3/93-9/99	M/T			•				AV11320		33		92															
1.8i (66 kW) Eng. ABS/ ADZ	1/93-9/99	M/T+A/T		•					AN11280	22	30	53	90	49						11 2								
1.8i 16v (95 kW) Eng. ADL	93-96	M/T+A/T		•					AN11280	22	30	53	90	49						11 2								
1.9 D (47-50 kW) Eng. 1Y	93-96	M/T			•				AV34330		33		94															
1.9 SDi (47 kW) Eng. AEF/ AEY	96-99	M/T			•				AV34330		33		94															
1.9 TD (50-55 kW) Eng. AAZ	93-96			•					AN11280	22	30	53	90	49						11 2								
1.9 TDi (66 kW) Eng. 1Z/ AHU/ ANU	96-8/99			•					AN11280	22	30	53	90	49						11 2								
2.0i (85 kW) Eng. 2E/ AGG	3/93-9/99	M/T		•					AN11280	22	30	53	90	49						11 2								
<b>Ibiza III (6K1) '99-'02</b>																												
1.9 TDi (66 kW) Eng. AGR/ ALH/ ALK	99-02				•				AN11280	22	30	53	90	49						11 2								
1.9 TDi (81 kW) Eng. ASK/ ASV	99-02				•				AN11280	22	30	53	90	49						11 2								
<b>Leon I (1M1) '99-'05</b>																												
1.4 16v (55 kW) Eng. AHW/ AXP/ BCA	99-				•				AN11279	36	30	53	81	40						11 2								
1.4 16v (55 kW) Eng. APE	99-				•				AN11279	36	30	53	81	40						11 2								
1.6 (74 kW) Eng. AEH/ AKL	99-05				•				AN11276	36	30	52,8	90	40						11 2								
1.6 16v (77 kW) Eng. AUS/ AZD/ BCB	99-				•				AN11276	36	30	52,8	90	40						11 2								
1.8 20v (92 kW) Eng. AGN/ APG	99-				•				AN11276	36	30	52,8	90	40						11 2								
1.9 SDi (50 kW) Eng. AGP/ AQM	99-				•				AN11279	36	30	53	81	40						11 2								
1.9 TDi (66 kW) Eng. AGR/ ALH	99-05				•				AN11276	36	30	52,8	90	40						11 2								
1.9 TDi (81 kW) Eng. AHF/ ASV	99-				•				AN11276	36	30	52,8	90	40						11 2								
1.9 TDi (96 kW) Eng. ASZ	03-05				•				AN11279	36	30	53	81	40						11 2								
<b>Leon II (1P1) '05-</b>																												
1.4 16v (55 kW) Eng. BBY	05-				•				AN34211	36	30	59,5	81	40,3						13 2								
1.6 (75 kW) Eng. BSE/ BSF	05-				•				AN34220	36	30	59,5	90	40						13 2								
1.9 TDi (77 kW) Eng. BKC/ BLS	05-				•				AN34220	36	30	59,5	90	40						13 2								
2.0 FSi (110 kW) Eng. BLR/ BLY/ BVY/ BVZ	05-	M/T			•				AN34220	36	30	59,5	90	40						13 2								
2.0 FSi (110 kW) Eng. BLR/ BLY/ BVY/ BVZ	05-	M/T			•		6Sp		AN34221	36	27	59,5	97,95	40,5						13 2								
2.0 TDi (103 kW) Eng. BKD/ BMM	05-	M/T+A/T			•				AN34221	36	27	59,5	97,95	40,5						13 2								
2.0 TDi DPF (125 kW) Eng. BMN	06-				•				AN34221	36	27	59,5	97,95	40,5						13 2								
2.0 TFSI (136 kW) Eng. BWA	05-	M/T			•		6Sp		AN34221	36	27	59,5	97,95	40,5						13 2								
2.0 TFSI Cupra (177 kW) Eng. BWJ	06-				•				AN34221	36	27	59,5	97,95	40,5						13 2								
<b>Toledo I (1L) '91-'99</b>																												
1.6i (54 kW) Eng. EZ/ ABN	5/91-	M/T			•				AN11280	22	30	53	90	49						11 2								
1.6i (74 kW) Eng. AFT	96-3/99	M/T			•				AV34330		33		94															
1.6i (52-54-55 kW) Eng. 1F	5/91-	M/T			•				AN11280	22	30	53	90	49						11 2								
1.8i (65 kW) Eng. RP	91-12/96	M/T			•				AN11280	22	30	53	90	49						11 2								
1.8i (66 kW) Eng. ABS/ ADZ	93-12/96	M/T			•				AN11280	22	30	53	90	49						11 2								

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications											
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M

## SEAT

## Toledo I (1L) '91-'99 (continued)

1.9 D (47-50 kW) Eng. 1Y	5/91-11/95	M/T	.	.					AN11280	22	30	53	90	49						11	2	
1.9 D (47-50 kW) Eng. 1Y	12/95-3/99	M/T	.	.					AV34330		33		94									
1.9 SDi (47 kW) Eng. AEF/ AEY	12/95-3/99	M/T	.	.					AV34330		33		94									
1.9 TD (50-55 kW) Eng. AAZ	5/91-3/99	M/T	.						AN11280	22	30	53	90	49						11	2	
1.9 TDi (66 kW) Eng. 1Z/ AHU/ ANU	95-3/99	M/T	.						AN11280	22	30	53	90	49						11	2	
1.9 TDi (81 kW) Eng. AFN	96-99	M/T	.						AN11280	22	30	53	90	49						11	2	
2.0 i (85 kW) Eng. 2E/ AGG	5/91-	M/T	.						AN11280	22	30	53	90	49						11	2	
2.0 i 16v (110 kW) Eng. ABF	11/93-3/99	M/T	.						AN11276	36	30	52,8	90	40						11	2	

## Toledo II (1M2) '99-'04

1.4 16v (55 kW) Eng. AHW/ AXP	7/99-	M/T	.						AN11279	36	30	53	81	40						11	2
1.6 (74 kW) Eng. AEH/ AKL	4/99-9/00		.						AN11279	36	30	53	81	40						11	2
1.6 16v (77 kW) Eng. AUS/ AZD/ BCB	00-04		.						AN11276	36	30	52,8	90	40						11	2
1.8 20v (92 kW) Eng. AGN/ APG	4/99-		.						AN11276	36	30	52,8	90	40						11	2
1.8 20v T. (132 kW) Eng. ARY/ AUQ	01-04		.						AN11276	36	30	52,8	90	40						11	2
1.9 TDi (110 kW) Eng. ARL	00-04		.						AN11276	36	30	52,8	90	40						11	2
1.9 TDi (66 kW) Eng. AGR/ ALH	99-04		.						AN11276	36	30	52,8	90	40						11	2
1.9 TDi (81 kW) Eng. AHF/ ASV	99-04		.						AN11276	36	30	52,8	90	40						11	2
2.3 V5 (110 kW) Eng. AGZ	99-01		.						AN11276	36	30	52,8	90	40						11	2
2.3 V5 20v (125 kW) Eng. AQN	01-04		.						AN11276	36	30	52,8	90	40						11	2

## Toledo III (5P2) '04-

1.6 (75 kW) Eng. BGU	04-		.		Tiptronic				AN34220	36	30	59,5	90	40						13	2
1.6 (75 kW) Eng. BGU	04-	M/T	.		5Sp				AN34222	36	30	59,6	89,9	40						13	2
1.9 TDi (77 kW) Eng. BKC/ BJB	10/04-	A/T	.		6Sp, Eng. BKC				AN34221	36	27	59,5	97,95	40,5						13	2
1.9 TDi (77 kW) Eng. BKC/ BJB	10/04-	M/T	.		6Sp, Eng. BKC				AN34220	36	30	59,5	90	40						13	2
2.0 FSI (110 kW) Eng. BLR/ BLY	10/04-	A/T	.		6Sp				AN34220	36	30	59,5	90	40						13	2
2.0 TDi (103 kW) Eng. BKD/ BMM	10/04-		.						AN34221	36	27	59,5	97,95	40,5						13	2

## SKODA

## Octavia II (1U2, 1U5), SW '96-'04

1.4 (55 kW) Eng. AXP/ BCA	00-04	M/T	.						AN11279	36	30	53	81	40						11	2
1.6 (55 kW) Eng. AEE	9/96-	A/T	.						AN11276	36	30	52,8	90	40						11	2
1.6 (55 kW) Eng. AEE	9/96-	M/T	.						AN11279	36	30	53	81	40						11	2
1.6 (74 kW) Eng. AEH/ AKL/ APF	97-04	A/T	.						AN11276	36	30	52,8	90	40						11	2
1.6 (74 kW) Eng. AEH/ AKL/ APF	97-04	M/T	.						AN11279	36	30	53	81	40						11	2
1.6 (75 kW) Eng. AVU/ BFQ	00-04	A/T	.						AN11276	36	30	52,8	90	40						11	2
1.6 (75 kW) Eng. AVU/ BFQ	00-04	M/T	.						AN11279	36	30	53	81	40						11	2
1.8 20v (92 kW) Eng. AGN	9/96-	M/T	.						AN11276	36	30	52,8	90	40						11	2
1.8 T. RS (132 kW) Eng. AUQ	01-	M/T	.						AN11276	36	30	52,8	90	40						11	2
1.8 T. 4WD (110 kW) Eng. AGU/ ARX/ ARZ/ AUM	97-	M/T	.	.					AN11276	36	30	52,8	90	40						11	2

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I

### SKODA

#### Octavia II (1U2, 1U5), SW '96-'04 (continued)

1.9 SDi (50 kW) Eng. AGP/ AQM	97-04	M/T	.						AN11279	36	30	53	81	40					11	2
1.9 SDi (Exc. SW) (47 kW) Eng. AEY	96-04		.						AN11279	36	30	53	81	40					11	2
1.9 TDi (81 kW) Eng. AHF/ ASV	97-04	M/T	.						AN11276	36	30	52,8	90	40					11	2
1.9 TDi (96 kW) Eng. ASZ	03-04	A/T	.			4Sp			AN11276	36	30	52,8	90	40					11	2
1.9 TDi, 4WD (66 kW) Eng. AGR/ ALH	9/96-	M/T	.						AN11276	36	30	52,8	90	40					11	2
2.0 SW (88 kW) Eng. ATF	00-04		.						AN11276	36	30	52,8	90	40					11	2
2.0, 4WD (85 kW) Eng. AEG/ APK/ AQY/ AZH/ AZJ	99-04	M/T	.						AN11276	36	30	52,8	90	40					11	2

#### Octavia III (1Z3, 1Z5), SW '04-

1.4 (59 kW) Eng. BUD	07-	A/T	.						AN34220	36	30	59,5	90	40					13	2
1.4 (59 kW) Eng. BUD	07-	M/T	.						AN34221	36	27	59,5	97,95	40,5					13	2
1.4 (Exc. SW) (55 kW) Eng. AXP/ BCA	04-	M/T	.						AN11279	36	30	53	81	40					11	2
1.4 TSi (90 kW) Eng. CAXA	09-		.						AN34221	36	27	59,5	97,95	40,5					13	2
1.6 (75 kW) Eng. BGU/ BSE/ BSF/ CCSA	04-		.			Tiptronic			AN34220	36	30	59,5	90	40					13	2
1.6 (75 kW) Eng. BGU/ BSE/ BSF/ CCSA	04-	M/T	.			5Sp			AN34222	36	30	59,6	89,9	40					13	2
1.6 FSI (85 kW) Eng. BLF	04-	A/T	.			6Sp			AN34220	36	30	59,5	90	40					13	2
1.6 FSI (85 kW) Eng. BLF	04-	M/T	.			5Sp			AN34222	36	30	59,6	89,9	40					13	2
1.6 TDi (77 kW) Eng. CAYC	09-		.						AN34220	36	30	59,5	90	40					13	2
1.8 16v TFSI (118 kW) Eng. BZB/ CDAA	07-		.						AN34221	36	27	59,5	97,95	40,5					13	2
1.9 TDi (77 kW) Eng. BKC/ BJB/ BLS/ BXE	04-	A/T	.			6Sp, Eng. BKC			AN34221	36	27	59,5	97,95	40,5					13	2
1.9 TDi (77 kW) Eng. BKC/ BJB/ BLS/ BXE	04-	M/T	.			6Sp, Eng. BKC			AN34220	36	30	59,5	90	40					13	2
1.9 TDi 4WD SW (77 kW) Eng. BKC/ BJB	04-		.						AN34221	36	27	59,5	97,95	40,5					13	2
2.0 16v TFSI RS (147 kW) Eng. BWA	04-		.						AN34221	36	27	59,5	97,95	40,5					13	2
2.0 FSI (110 kW) Eng. BLR/ BLY/ BVX/ BVY/ BVZ	04-		.						AN34220	36	30	59,5	90	40					13	2
2.0 FSI 4WD SW (110 kW) Eng. BLR/ BLY	04-		.						AN34220	36	30	59,5	90	40					13	2
2.0 TDi (100 kW) Eng. AZV	04-	M/T	.						AN34221	36	27	59,5	97,95	40,5					13	2
2.0 TDi, 4WD (103 kW) Eng. BKD/ BMM	04-		.						AN34221	36	27	59,5	97,95	40,5					13	2

#### Superb I (3U4) '02-'08

1.8 T. (110 kW) Eng. AWT	2/02-		.		+ABS			45	AN34212	33	30	53	87,9	30					13	2
1.9 TDi (96 kW) Eng. AWX	2/02-		.		+ABS			45	AN11290	38	27	59,5	98	34					13	2
2.0 (85 kW) Eng. AZM	2/02-		.		+ABS			45	AN34016	33	30	53	87,9	30					13	2
2.5 TDi (114 kW) Eng. AYM	2/02-		.		+ABS			45	AN11290	38	27	59,5	98	34					13	2
2.5 TDi (120 kW) Eng. BDG	03-		.		+ABS			45	AN11290	38	27	59,5	98	34					13	2
2.8 V6 (142 kW) Eng. AMX	2/02-		.		+ABS			45	AN11290	38	27	59,5	98	34					13	2

#### Superb II (3T4, 3T5), SW '08-

1.4 TSi (92 kW) Eng. CAXA/ CAXC	08-	M/T+A/T	.						AN34221	36	27	59,5	97,95	40,5					13	2
1.4 TSi (92 kW) Eng. CAXA/ CAXC	08-	M/T+A/T	.						AN34220	36	30	59,5	90	40					13	2
1.8 TSi, 4WD (118 kW) Eng. BZB/ CDAA	08-		.						AN34221	36	27	59,5	97,95	40,5					13	2

MODEL		YEAR <small>1990-2000</small>	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										A	B	C	D	E	F	H	I	L	M

**SKODA**

**Superb II (3T4, 3T5), SW '08- (continued)**

1.9 TDi (77 kW) Eng. BLS/ BXE	08-			•			AN34220	36	30	59,5	90	40				13	2
2.0 TDi (103 kW) Eng. BKD/ BSS/ BMP/ CFFB/ CLJA	08-						AN34221	36	27	59,5	97,95	40,5				13	2

Yeti '09-

1.2 TSi (77 kW) Eng. CBZB	09-			•			AN34220	36	30	59,5	90	40				13	2
1.4 TSI (90 kW) Eng. CAXA	10-			•			AN34220	36	30	59,5	90	40				13	2
1.8 TSi, 4WD (118 kW) Eng. CDAA	09-			•			AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TDi, 4WD (103 kW) Eng. CBDB/ CFHC	09-			•			AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TDi, 4WD (125 kW) Eng. CEGA/ CFJA	09-			•			AN34221	36	27	59,5	97,95	40,5				13	2

**SUZUKI**

## **Grand Vitara I (FT, GT) '98-'05**

1.6i 16v, 4WD (69-73 kW) Eng. G16B	98-			•			AN31270	26	30	47,9	83	115,8				12	2
2.0 (94 kW) Eng. J20A	98-			•			AN31270	26	30	47,9	83	115,8				12	2
2.0 HDi (80 kW) Eng. RHW/ RHZ(DW10ATED4)	01-			•			AN31270	26	30	47,9	83	115,8				12	2
2.0 TD (64 kW) Eng. RF	98-02			•			AN31270	26	30	47,9	83	115,8				12	2
2.5 V6 24v (106 kW) Eng. H25A	98-			•			AN31270	26	30	47,9	83	115,8				12	2

**Vitara (FT, TA) '88-'99**

2.0 16V Cabrio (97 kW) Eng. I20A 96-99 • AN31270 26 30 47 9 83 115 8 12 2

TOYOTA

### **Carina II (T17), SW '87-'93**

1.6 (AT171) (72-75 kW) Eng. 4AFE	2/91-8/92	A/T	•				AN32165	26	23	56	83	61				5	2	
1.6 (AT171) (72-75 kW) Eng. 4AFE	2/91-8/92	A/T	•		+ABS		48	AN32166	26	23	56	89	60,5				5	2

## **Carina III E (T19), SW '92-'97**

1.6 (AT190) (73-85 kW) Eng. 4AFE	93-9/97	M/T+A/T	•					AN32165	26	23	56	83	61				5	2
1.6 (AT190) (73-85 kW) Eng. 4AFE	93-9/97	M/T+A/T	•		+ABS		48	AN32166	26	23	56	89	60,5				5	2
1.6 GLi (Exc. SW) (79 kW) Eng. 4AFE	95-9/97	M/T+A/T	•					AN32165	26	23	56	83	61				5	2
1.6 GLi (Exc. SW) (79 kW) Eng. 4AFE	95-9/97	M/T+A/T	•		+ABS		48	AN32166	26	23	56	89	60,5				5	2
1.8 16v (AT191) (79-81-85-86 kW) Eng. 7AFE	1/96-9/97	M/T+A/T	•		+ABS		48	AN32166	26	23	56	89	60,5				5	2
1.8 16v (AT191) (79-81-85-86 kW) Eng. 7AFE	1/96-9/97	M/T+A/T	•		-ABS			AN32165	26	23	56	83	61				5	2
2.0 TD (CT190) (61-62 kW) Eng. 2CT	96-		•		+ABS		48	AN32166	26	23	56	89	60,5				5	2

## **Celica II (TA60, RA40, RA6) '77-'86**

1.6 GT 16v Coupé (91 kW) Eng. 4AGE	83-86	A/T	•				AN32165	26	23	56	83	61				5	2	
1.6 GT 16v Coupé (91 kW) Eng. 4AGE	83-86	A/T	•		+ABS		48	AN32166	26	23	56	89	60,5				5	2

## **Corolla IV (E9), SW, Compact, Liftback '87-'93**

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I

### TOYOTA

**Corolla V (E10), SW, Compact, Liftback '92-'97**

1.3 XLI (EE101) (55 kW) Eng. 4EFE	95-97			.						AN32165	26	23	56	83	61					5	2
1.3 XLI (EE101) (55 kW) Eng. 4EFE	95-97			.		+ABS			48	AN32166	26	23	56	89	60,5					5	2
1.3 XLI 16v (EE101) (65 kW) Eng. 4EFE	92-97			.						AN32165	26	23	56	83	61					5	2
1.3 XLI 16v (EE101) (65 kW) Eng. 4EFE	92-97			.		+ABS			48	AN32166	26	23	56	89	60,5					5	2
1.6 Si, GLi (AE101) (66-70-74-78-81-85 kW) Eng. 4AFE	92-97			.						AN32165	26	23	56	83	61					5	2
1.6 Si, GLi (AE101) (66-70-74-78-81-85 kW) Eng. 4AFE	92-97			.		+ABS			48	AN32166	26	23	56	89	60,5					5	2
2.0 D (CE100) (53 kW) Eng. 2C	92-97			.		+ABS			48	AN32166	26	23	56	89	60,5					5	2
2.0 D (CE100) (53 kW) Eng. 2C	92-97			.		-ABS, FWD				AN32165	26	23	56	83	61					5	2

**Corolla VI (E11), SW, Compact, Liftback '97-'02**

1.4 (EE111) (63 kW) Eng. 4EFE	97-00			.						AN32165	26	23	56	83	61					5	2
1.4 (EE111) (63 kW) Eng. 4EFE	97-00			.		+ABS			48	AN32166	26	23	56	89	60,5					5	2
1.4 16v (ZZE111) (71 kW) Eng. 4ZZFE	00-02			.						AN32165	26	23	56	83	61					5	2
1.4 16v (ZZE111) (71 kW) Eng. 4ZZFE	00-02			.		+ABS			48	AN32166	26	23	56	89	60,5					5	2
1.6 (AE111) (81 kW) Eng. 4AFE	97-00	A/T		.						AN32165	26	23	56	83	61					5	2
1.6 (AE111) (81 kW) Eng. 4AFE	97-00	A/T		.		+ABS			48	AN32166	26	23	56	89	60,5					5	2
1.6 16v (81 kW) Eng. 3ZZFE	00-02	A/T		.						AN32165	26	23	56	83	61					5	2
1.6 16v (81 kW) Eng. 3ZZFE	00-02	A/T		.		+ABS			48	AN32166	26	23	56	89	60,5					5	2
1.6 Aut. (AE111) (79 kW) Eng. 4AFE	97-00	A/T		.						AN32165	26	23	56	83	61					5	2
1.6 Aut. (AE111) (79 kW) Eng. 4AFE	97-00	A/T		.		+ABS			48	AN32166	26	23	56	89	60,5					5	2

**Corolla VII (E12U), SW '02-**

1.4 VVT-i (71 kW) Eng. 4ZZFE	1/02-			.		+ABS			48	AN32168	26	23	58	82	59,5					5	1
1.6 VVT-i (81 kW) Eng. 3ZZFE	1/02-			.		+ABS			48	AN32168	26	23	58	82	59,5					5	1
1.8 VVT-i (141 kW)	1/02-			.		+ABS			48	AN32170											

**Corolla Verso**

1.4 VVT-I (71 kW)	1/02-05/04			.		+ABS			48	AN32169											
1.6 VVT-I (81 kW)	1/02-05/04			.		+ABS			48	AN32169											
1.8 VVT-I (99 kW)	1/02-05/04			.		+ABS			48	AN32170											
1.8 (95 kW)	4/04-			.		+ABS			48	AN32170											

**Corona II '82-'92**

1.6 (AT160) (85 kW) Eng. 4AGELU	83-89	A/T		.						AN32165	26	23	56	83	61					5	2
1.6 (AT160) (85 kW) Eng. 4AGELU	83-89	A/T		.		+ABS			48	AN32166	26	23	56	89	60,5					5	2
2.0 D (50-53 kW) Eng. 2C/L	1/91-3/92	M/T+A/T		.		+ABS			48	AN32166	26	23	56	89	60,5					5	2

**Levin Trueno '87-'91**

1.5 (66 kW) Eng. 5AF	87-91			.						AN32165	26	23	56	83	61					5	2
1.5 (66 kW) Eng. 5AF	87-91			.		+ABS			48	AN32166	26	23	56	89	60,5					5	2
1.6 (85-92 kW) Eng. 4AGE	87-91	A/T		.						AN32165	26	23	56	83	61					5	2
1.6 (85-92 kW) Eng. 4AGE	87-91	A/T		.		+ABS			48	AN32166	26	23	56	89	60,5					5	2

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications																					
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M	Fig									
<b>TOYOTA</b>																															
<b>Picnic I (XM10) '96-'01</b>																															
2.0 16v (SXM10) (94-95-98 kW) Eng. 3SFE		5/96-				.		+ABS		48	AN32166	26	23	56	89	60,5						5	2								
<b>VOLKSWAGEN</b>																															
<b>1500,1600 (31, 36), Variant '61-'73</b>																															
1.5 (33 kW) Eng. K	10/67-8/73	M/T+A/T			.		Ch 318015226-3132500000			AV34330		33		94																	
1.5 (40 kW) Eng. 341	63-65	M/T+A/T			.		Ch 318015226-3132500000			AV34330		33		94																	
1.6 (Exc. SW) (37 kW) Eng. P	64-73	M/T+A/T			.		Ch 318015226-3132500000			AV34330		33		94																	
1.6 L (40 kW) Eng. T/ U	65-8/73	M/T+A/T			.		Ch 318015226-3132500000			AV34330		33		94																	
<b>411,412, Variant '68-'75</b>																															
1.7 (59 kW) Eng. W	69-	A/T			.		Ch 419100000-			AV34330		33		94																	
1.7 (Exc. SW) (50 kW) Eng. Z	68-	A/T			.		Ch 419100000-			AV34330		33		94																	
1.8 (55 kW) Eng. AT	73-	A/T			.		Ch 419100000-			AV34330		33		94																	
1.8 (63 kW) Eng. AN	73-	A/T			.		Ch 419100000-			AV34330		33		94																	
<b>Bora (1J2, 1J6), Variant '98-</b>																															
1.4 16v (55 kW) Eng. AHW/ AKQ/ APE/ AUA/ AXP/ BCA	10/98-				.					AN11279	36	30	53	81	40						11	2									
1.6 (74 kW) Eng. AEH/ AKL/ APF	10/98-				.					AN11279	36	30	53	81	40						11	2									
1.6 (75 kW) Eng. AVU/ BFQ/ BJH	10/98-				.					AN11279	36	30	53	81	40						11	2									
1.6 16v (77 kW) Eng. ATN/ AUS/ AZD/ BCB	00-				.					AN11276	36	30	52,8	90	40						11	2									
1.8 T. (110 kW) Eng. AGU/ ARX/ AUM/ BAE	00-				.					AN11276	36	30	52,8	90	40						11	2									
1.8, 4motion (92 kW) Eng. AGN/ BAF	10/98-				.					AN11276	36	30	52,8	90	40						11	2									
1.9 SDi (Exc. SW) (50 kW) Eng. AGP/ AQM	10/98-				.					AN11279	36	30	53	81	40						11	2									
1.9 TDi (81 kW) Eng. AHF/ ASV	10/98-				.					AN11276	36	30	52,8	90	40						11	2									
1.9 TDi, 4motion (66 kW) Eng. AGR/ ALH/ ANU	10/98-				.					AN11276	36	30	52,8	90	40						11	2									
1.9 TDi, 4motion (74 kW) Eng. ATD/ AXR	00-	M/T+A/T			.		4Sp			AN11276	36	30	52,8	90	40						11	2									
1.9 TDi, 4motion (96 kW) Eng. ASZ	00-	A/T			.		4Sp			AN11276	36	30	52,8	90	40						11	2									
2.0, 4motion (85 kW) Eng. APK/ AQY/ AZH/ AZG/ AZJ	10/98-				.					AN11276	36	30	52,8	90	40						11	2									
2.3 VR5, 4motion (110 kW) Eng. AGZ	10/98-				.					AN11276	36	30	52,8	90	40						11	2									
2.8 V6, 4motion (150 kW) Eng. AQP/ AUE/ BDE	99-				.					AN11279	36	30	53	81	40						11	2									
<b>Corrado (53I) '88-'95</b>																															
1.8 16v (100 kW) Eng. KR	89-92	M/T+A/T			.		Ch 50K006794-50R002000			AN11280	22	30	53	90	49						11	2									
1.8 G60 (118 kW) Eng. 1H/ PG	88-9/93	M/T+A/T			.		Ch 50K006794-50R002000			AN11280	22	30	53	90	49						11	2									
2.0 (85 kW) Eng. 2E/ ADY/ AKR	93-95	M/T+A/T			.		Ch 50N000001-			AN11280	22	30	53	90	49						11	2									
2.0 16v (100 kW) Eng. 9A	8/91-95	M/T+A/T			.		Ch 50N000001-			AN11280	22	30	53	90	49						11	2									
2.9 VR6 (140 kW) Eng. ABV	8/91-95	M/T+A/T			.					AN11276	36	30	52,8	90	40						11	2									

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications																		
									M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M	Fig						
<b>VOLKSWAGEN</b>																											
<b>Dasher '73-'81</b>																											
All models	73-81			.		Ch -32A0150000, Usa			AN34024	22	30	51	81	48					11	3							
All models	73-81	A/T		.		Ch 32A0150001-, Usa			AN34015	22	30	51	81	48						11	2						
<b>Derby I (86) '77-'81</b>																											
0.9 (29 kW) Eng. HA	77-81	M/T		.					AV11320		33		92														
1.1 (37 kW) Eng. HB	77-81	M/T		.					AV11320		33		92														
1.3 (43 kW) Eng. HJ	77-81	M/T		.					AV11320		33		92														
1.3 (44 kW) Eng. HH	77-81	M/T		.					AV11320		33		92														
<b>Derby II (86C, 80) '81-'88</b>																											
1.0 (29 kW) Eng. GL	81-88	M/T		.					AV11320		33		92														
1.1 (37 kW) Eng. HB	81-88	M/T		.					AV11320		33		92														
1.3 (40 kW) Eng. HK/ NZ	83-88	M/T		.					AV11320		33		92														
1.3 (44 kW) Eng. HH	81-88	M/T		.					AV11320		33		92														
<b>Eos '06-</b>																											
1.6 FSI (85 kW) Eng. BLF	06-			.					AN34220	36	30	59,5	90	40						13	2						
2.0 FSI (110 kW) Eng. BVY/ BVZ	06-			.					AN34220	36	30	59,5	90	40						13	2						
2.0 TDi (103 kW) Eng. BMM	06-			.					AN34221	36	27	59,5	97,95	40,5						13	2						
2.0 TFSI (147 kW) Eng. BWA/ CCTA	06-			.					AN34221	36	27	59,5	97,95	40,5						13	2						
<b>Fox '87-'91</b>																											
All models	87-91			.		Brazil			AN34015	22	30	51	81	48						11	2						
All models	87-91			.		USA			AN34024	22	30	51	81	48						11	3						
<b>Gol / Parati / Saveiro '80-'00</b>																											
1.5	83-86			.		Brazil			AN34024	22	30	51	81	48						11	3						
1.6	83-86			.		Brazil			AN34024	22	30	51	81	48						11	3						
1.6	87-89			.		Brazil			AN34015	22	30	51	81	48						11	2						
<b>Golf I (17, 155) '74-'93</b>																											
1.1 (37 kW) Eng. FA/ GG	4/74-7/83	M/T		.					AV11320		33		92														
1.1 (38 kW) Eng. FJ	4/81-7/83	M/T		.					AV11320		33		92														
1.1 (44 kW) Eng. HC	81-83	M/T		.					AV11320		33		92														
1.3 (44 kW) Eng. GF	79-7/83	M/T		.					AV11320		33		92														
1.3 Cabrio (44 kW) Eng. GF	2/79-7/86			.					AV11320		33		92														
1.4, Cabrio (51 kW) Eng. JB	77-7/83			.					AV34330		33		94														
1.5 (51 kW) Eng. FH	74-	M/T+A/T		.		Ch 1753000001-17A0360000			AV34330		33		94														
1.5 (51 kW) Eng. FH	74-	M/T+A/T		.		Ch 17A0116213-17D641909			AV34330		33		94														
1.5 D (37 kW) Eng. CK	8/76-7/80	M/T		.					AV34330		33		94														
1.6 (55 kW) Eng. FP	75-	M/T+A/T		.		Ch 1753000001-17A0360000			AV34330		33		94														
1.6 (55 kW) Eng. FP	75-	M/T+A/T		.		Ch 17A0116213-17D641909			AV34330		33		94														
1.6 Cabrio (53 kW) Eng. RE	86-90			.		Ch 15J001800-			AN11280	22	30	53	90	49						11	2						
1.6 Cabrio (53 kW) Eng. RE	86-87	M/T+A/T		.		Ch -15J001799			AV34330		33		94														
1.6 D (40 kW) Eng. CR/ JK	80-7/83	M/T		.		Ch 17A0116213-17D641909			AV34330		33		94														

MODEL		YEAR <small>1999-2001</small>	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										A	B	C	D	E	F	H	I	L	M

VOLKSWAGEN

**Golf I (17, 155) '74-'93 (continued)**

Golf II (19E, 1G1) '83-'92

1.0 (33 kW) Eng. GN	83-85	M/T		•	Ch 17D641910-1GN158228	AV11320	33	92					
1.0 (33-37 kW) Eng. HZ	85-91	M/T		•	Ch 17D641910-1GN158228	AV11320	33	92					
1.3 (37 kW) Eng. NU	85-87	M/T		•	Ch 17D641910-1GN300000	AV11320	33	92					
1.3 (44 kW) Eng. GT	83-86	M/T		•	Ch 17D641910-1GN300000	AV11320	33	92					
1.3, Kat (40 kW) Eng. 2G/ HK/ MH/ NZ	8/83-7/92	M/T		•	Ch 17D641910-1GN300000	AV11320	33	92					
1.6 (51 kW) Eng. PN/ EZA	86-12/92	M/T+A/T		•		AV34330	33	94					
1.6 (53 kW) Eng. RF(KAT)	86-91	M/T+A/T		•		AV34330	33	94					
1.6 (55 kW) Eng. EZ/ HM	83-91	M/T+A/T		•		AV34330	33	94					
1.6 D (40 kW) Eng. JP/ ME	83-10/91	M/T		•		AV34330	33	94					
1.6 TD (44 kW) Eng. 1V	89-91	M/T		•		AV34330	33	94					
1.6 TD (51 kW) Eng. JR/ MF	83-10/91	M/T		•		AV34330	33	94					
1.6 TD (59 kW) Eng. RA/ SB	89-91	M/T		•		AV34330	33	94					
1.8 (62 kW) Eng. RH	86-1/90	M/T		•		AV34330	33	94					
1.8 (66 kW) Eng. HV/ GU/ GX	91-	M/T		•	Ch 1HN000001-	AN11280	22	30	53	90	49		
1.8 (66 kW) Eng. HV/ GU/ GX	86-1/90	M/T		•		AV34330	33	94				11 2	
1.8 16v (102 kW) Eng. KR	86-90	M/T		•	Ch 19E431737-1GN158228	AN11280	22	30	53	90	49		11 2
1.8 16v GTi (95 kW) Eng. PL	86-10/91	M/T		•	Ch 19E431737-1GN158228	AN11280	22	30	53	90	49		11 2
1.8 GTi (82 kW) Eng. DX/ EV/ GZ/ PB	83-10/91	M/T		•	Ch 19E431737-1GN158228	AN11280	22	30	53	90	49		11 2
1.8 GTi, Kat (79 kW) Eng. PF/ RD	85-10/91	M/T		•	Ch 19E431737-1GN158228	AN11280	22	30	53	90	49		11 2
1.8 Syncro (66 kW) Eng. GU/ GX	86-91	M/T		•	RWD, Ch 19G000001-1GM990000	AN34015	22	30	51	81	48		11 2
1.8 Syncro (66 kW) Eng. GU/ GX	91-	M/T		•	FWD, Ch 1HN000001-	AN11280	22	30	53	90	49		11 2
1.8 Syncro (66 kW) Eng. GU/ GX	86-1/90	M/T		•	FWD	AV34330	33	94					
1.8 Syncro (66 kW) Eng. GU/ GX	86-91	M/T		•	RWD, Ch 19G000001-1GM990000	AV34330	33	94					
1.8 Syncro (72 kW) Eng. 1P	88-91	M/T		•	RWD, Ch 19G000001-1GM990000	AN34015	22	30	51	81	48		11 2
1.8 Syncro (72 kW) Eng. 1P	91-	M/T		•	FWD, Ch 1HN000001-	AN11280	22	30	53	90	49		11 2

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications											
									M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M

## VOLKSWAGEN

### Golf II (19E, 1G1) '83-'92 (continued)

1.8 Syncro (72 kW) Eng. 1P	88-1/90	M/T			•	FWD		AV34330		33		94									
1.8 Syncro (72 kW) Eng. 1P	88-91	M/T			•	RWD, Ch 19G000001-1GM990000		AV34330		33		94									
1.8, Syncro (66 kW) Eng. RP	91-	M/T		•		Ch 1HN000001-		AN11280	22	30	53	90	49								11 2
1.8, Syncro (66 kW) Eng. RP	86-1/90	M/T			•			AV34330		33		94									
1.4 (40 kW) Eng. ABD	10/91-8/97	M/T			•	Ch -1HSP70000		AV11320		33		92									

### Golf III (1H1) '91-'99

1.4 (44 kW) Eng. AEX/ APQ	10/91-8/97	M/T			•	Ch -1HSP70000		AV11320		33		92									
1.4 (44 kW) Eng. AEX/ APQ	10/91-8/97	M/T			•	Ch 1HT000001-		AV34330		33		94									
1.6 (55 kW) Eng. ABU	92-8/97	M/T			•	Ch -1HS180000		AV11320		33		92									
1.6 (55 kW) Eng. ABU	92-8/97	M/T			•	Ch 1HS180001-		AV34330		33		94									
1.6 (55 kW) Eng. AEA/ AEE	92-8/97	M/T			•	Ch -1HS180000		AV11320		33		92									
1.6 (55 kW) Eng. AEA/ AEE	92-8/97	M/T			•	Ch 1HS180001-		AV34330		33		94									
1.6, Cabrio (74 kW) Eng. AEK/ AFT/ AKS	94-97	A/T		•				AN11280	22	30	53	90	49								11 2
1.6, Cabrio (74 kW) Eng. AEK/ AFT/ AKS	94-97	M/T			•	Ch 1HS180001-		AV34330		33		94									
1.8 (55 kW) Eng. AAM	11/91-8/97	M/T+A/T			•	FWD, Ch -1HR9900000		AN11280	22	30	53	90	49								11 2
1.8 (66 kW) Eng. ABS/ ADZ	11/91-8/97	M/T+A/T			•	FWD, Ch -1HR9900000		AN11280	22	30	53	90	49								11 2
1.8 Cabrio (55 kW) Eng. AAM	9/93-	M/T+A/T			•	Ch 1ER000001-		AN11280	22	30	53	90	49								11 2
1.8 Cabrio (66 kW) Eng. ABS/ ADZ	9/93-	M/T+A/T			•	Ch 1ER000001-		AN11280	22	30	53	90	49								11 2
1.8 GT (66 kW) Eng. ABS/ ACC/ ADZ	11/91-8/97	M/T+A/T			•	FWD, Ch -1HR9900000		AN11280	22	30	53	90	49								11 2
1.8 Syncro (66 kW) Eng. ADZ	11/91-8/97	M/T+A/T			•	FWD, Ch -1HR9900000		AN11280	22	30	53	90	49								11 2
1.8 Syncro (66 kW) Eng. ADZ	11/91-8/97	M/T			•	RWD		AV34330		33		94									
1.9 D (48 kW) Eng. 1Y	11/91-	M/T		•		Ch -1HR9900000		AN11280	22	30	53	90	49								11 2
1.9 D (48 kW) Eng. 1Y	11/91-	M/T			•			AV34330		33		94									
1.9 SDi (47 kW) Eng. AEY	97-	M/T			•			AV34330		33		94									
1.9 TD (55 kW) Eng. AAZ	11/91-	M/T+A/T			•	Ch -1HR9900000		AN11280	22	30	53	90	49								11 2
1.9 TDi (66 kW) Eng. 1Z	93-99	M/T			•			AN11280	22	30	53	90	49								11 2
1.9 TDi (66 kW) Eng. AHU/ ALE	93-99	M/T			•			AN11280	22	30	53	90	49								11 2
1.9 TDi (81 kW) Eng. AFN	96-	M/T+A/T			•	Ch -1HR9900000		AN11280	22	30	53	90	49								11 2
1.9 TDi Cabrio (66 kW) Eng. 1Z	93-99	M/T			•			AN11280	22	30	53	90	49								11 2
1.9 TDi Cabrio (66 kW) Eng. AHU/ ALE	93-99	M/T			•			AN11280	22	30	53	90	49								11 2
1.9 TDi Cabrio (81 kW) Eng. AFN	96-	M/T			•			AN11280	22	30	53	90	49								11 2
1.9 TDi Syncro (66 kW) Eng. 1Z	93-99				•			AN11280	22	30	53	90	49								11 2
1.9 TDi Syncro (66 kW) Eng. AHU/ ALE	93-99				•			AN11280	22	30	53	90	49								11 2
2.0 (85 kW) Eng. 2E	11/91-	M/T			•			AN11276	36	30	52,8	90	40								11 2
2.0 (85 kW) Eng. 2E	11/91-8/97	A/T			•	Ch -1HR9900000		AN11280	22	30	53	90	49								11 2
2.0 (85 kW) Eng. ADY/ AGG/ AKR	11/91-	M/T			•			AN11276	36	30	52,8	90	40								11 2
2.0 (85 kW) Eng. ADY/ AGG/ AKR	11/91-8/97	A/T			•	Ch -1HR9900000		AN11280	22	30	53	90	49								11 2
2.0 Cabrio (85 kW) Eng. 2E	9/93-	M/T+A/T			•	Ch 1ER000001-		AN11280	22	30	53	90	49								11 2
2.0 Cabrio (85 kW) Eng. ADY/ AGG/ AKR	9/93-	M/T+A/T			•	Ch 1ER000001-		AN11280	22	30	53	90	49								11 2

MODEL		YEAR 	TRANSM.	L/R	WS	GS	NOTE		ATTEx ref.	Technical Specifications									
					M/T Manual	A/T Autom.						A	B	C	D	E	F	H	I

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**Golf III (1H1) '91-'99 (continued)**

2.0 GTi 16v (110 kW) Eng. ABF	92-8/97	M/T+A/T	•	Ch -1HSP700000		AN11276	36	30	52,8	90	40			11	2
2.8 VR6 (128 kW) Eng. AAA	92-8/97	M/T+A/T	•	Ch -1HSP700000		AN11276	36	30	52,8	90	40			11	2
2.9 VR6 (140 kW) Eng. ABV	94-99		•	FWD		AN11276	36	30	52,8	90	40			11	2
2.9 VR6 Syncro (140 kW) Eng. ABV	94-99		•	FWD		AN11276	36	30	52,8	90	40			11	2

## **Golf III (1H5) Variant '91-'99**

1.4 (40 kW) Eng. ABD	91-			•	Ch 1HT000001-	AV34330	33	94					
1.4 (40 kW) Eng. ABD	91-	M/T		•	Ch 1HN105002-	AV11320	33	92					
1.4 (44 kW) Eng. AEX/ APQ	91-			•	Ch 1HT000001-	AV34330	33	94					
1.4 (44 kW) Eng. AEX/ APQ	91-	M/T		•	Ch 1HN105002-	AV11320	33	92					
1.6 (55 kW) Eng. ABU	92-97	M/T		•	Ch 1HP114031-1HS180000	AV11320	33	92					
1.6 (55 kW) Eng. AEA/ AEE	92-97	M/T		•	Ch 1HP114031-1HS180000	AV11320	33	92					
1.6 (74 kW) Eng. AEK/ AFT/ AKS	94-99	A/T		•	Ch 1HS000001-	AN11280	22	30	53	90	49		
1.6 (74 kW) Eng. AEK/ AFT/ AKS	94-99	M/T		•	Ch 1HS180001-	AV34330	33	94				11 2	
1.8 (55 kW) Eng. AAM	91-99	M/T+A/T		•	Ch 1HN105002-1HR990000	AN11280	22	30	53	90	49		11 2
1.8 (66 kW) Eng. ABS/ ADZ	91-99	M/T+A/T		•	Ch 1HN105002-1HR990000	AN11280	22	30	53	90	49		11 2
1.8 Syncro (66 kW) Eng. ABS/ ADZ	91-99	M/T+A/T		•	Ch 1HN105002-1HR990000	AN11280	22	30	53	90	49		11 2
1.9 D (48 kW) Eng. 1Y	91-99	M/T		•		AV34330	33	94					
1.9 SDi (47 kW) Eng. AEY	97-99	M/T		•		AV34330	33	94					
1.9 TD (55 kW) Eng. AAZ	91-99	M/T+A/T		•		AN11280	22	30	53	90	49		11 2
1.9 TDi (66 kW) Eng. 1Z	93-99	M/T		•		AN11280	22	30	53	90	49		11 2
1.9 TDi (66 kW) Eng. AHU/ ALE	93-99	M/T		•		AN11280	22	30	53	90	49		11 2
1.9 TDi (81 kW) Eng. AFN	96-99	M/T		•		AN11280	22	30	53	90	49		11 2
1.9 TDi Syncro (66 kW) Eng. 1Z	9/93-4/99	M/T		•		AN11280	22	30	53	90	49		11 2
1.9 TDi Syncro (66 kW) Eng. AHU/ ALE	9/93-4/99	M/T		•		AN11280	22	30	53	90	49		11 2
2.0 (85 kW) Eng. 2E	91-99	A/T		•	Exc. Australia/Japan	AN11280	22	30	53	90	49		11 2
2.0 (85 kW) Eng. 2E	91-99	M/T		•	Exc. Australia/Japan	AN11276	36	30	52,8	90	40		11 2
2.0 (85 kW) Eng. 2E	91-99	M/T		•	Ch 1HS000001-, Australia/Japan, Eng. ADY, 2E	AN11280	22	30	53	90	49		11 2
2.0 (85 kW) Eng. ADY/ AGG/ AKR	91-99	A/T		•	Exc. Australia/Japan	AN11280	22	30	53	90	49		11 2
2.0 (85 kW) Eng. ADY/ AGG/ AKR	91-99	M/T		•	Exc. Australia/Japan	AN11276	36	30	52,8	90	40		11 2
2.0 (85 kW) Eng. ADY/ AGG/ AKR	91-99	M/T		•	Ch 1HS000001-, Australia/Japan, Eng. ADY, 2E	AN11280	22	30	53	90	49		11 2

Golf IV (1J1, 5), Variant '97-'03

1.4 16v (55 kW) Eng. AHW/ AKQ/ APE/ AXP/ BCA	8/97-	A/T	•			AN11276	36	30	52,8	90	40				11	2
1.4 16v (55 kW) Eng. AHW/ AKQ/ APE/ AXP/ BCA	8/97-	M/T	•			AN11279	36	30	53	81	40				11	2
1.6 (74 kW) Eng. AEH/ AKL/ APF	97-00	A/T	•			AN11276	36	30	52,8	90	40				11	2
1.6 (74 kW) Eng. AEH/ AKL/ APF	97-00	M/T	•			AN11279	36	30	53	81	40				11	2
1.6 (75 kW) Eng. AVU/ BFQ	00-		•			AN11276	36	30	52,8	90	40				11	2
1.6 16v (77 kW) Eng. ATN/ AUS/ AZD/ BCB	00-		•			AN11276	36	30	52,8	90	40				11	2

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I

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#### Golf IV (1J1, 5), Variant '97-'03 (continued)

1.6 Cabrio (74 kW) Eng. AFT/ AKS	97-00	A/T	.						AN11276	36	30	52,8	90	40						11	2
1.6 Cabrio (74 kW) Eng. AFT/ AKS	97-00	M/T	.						AN11279	36	30	53	81	40						11	2
1.6 FSI (81 kW) Eng. BAD	02-		.						AN11276	36	30	52,8	90	40						11	2
1.8 Cabrio (Exc. SW) (55 kW) Eng. AAM/ ANN	98-		.						AN11280	22	30	53	90	49						11	2
1.8 T. (110 kW) Eng. AGU/ ARZ/ AUM	8/97-	M/T	.						AN11276	36	30	52,8	90	40						11	2
1.8, 4motion (92 kW) Eng. AGN/ BAF	97-03	M/T	.						AN11276	36	30	52,8	90	40						11	2
1.8, Cabrio (Exc. SW) (66 kW) Eng. ACC/ ADZ/ ANP	98-	M/T	.						AN11280	22	30	53	90	49						11	2
1.9 SDi (50 kW) Eng. AGP/ AQM	8/97-	A/T	.						AN11276	36	30	52,8	90	40						11	2
1.9 SDi (50 kW) Eng. AGP/ AQM	8/97-	M/T	.						AN11279	36	30	53	81	40						11	2
1.9 TDi (81 kW) Eng. AFN/ AHF/ ASV/ AVG	8/97-	M/T	.						AN11276	36	30	52,8	90	40						11	2
1.9 TDi Cabrio (66 kW) Eng. AGR/ AHU/ ALH/ ALE	98-01	M/T	.						AN11276	36	30	52,8	90	40						11	2
1.9 TDi Cabrio (81 kW) Eng. AFN/ AHF/ ASV/ AVG	8/97-	M/T	.						AN11276	36	30	52,8	90	40						11	2
1.9 TDi, 4motion (66 kW) Eng. AGR/ AHU/ ALH/ ALE	98-01	M/T	.						AN11276	36	30	52,8	90	40						11	2
1.9 TDi, 4motion (74 kW) Eng. ATD/ AXR	00-03	M/T+A/T	.		A/T 4Sp				AN11276	36	30	52,8	90	40						11	2
1.9 TDi, 4motion (96 kW) Eng. ASZ	00-	A/T	.		4Sp				AN11276	36	30	52,8	90	40						11	2
1.9 TDi, 4motion (Exc. SW) (110 kW) Eng. ARL	00-03	M/T	.						AN11276	36	30	52,8	90	40						11	2
2.0 (Exc. SW) (85 kW) Eng. APK/ AQY/ AZG/ AZJ	98-		.						AN11276	36	30	52,8	90	40						11	2
2.0 4motion (85 kW) Eng. AZH/ AZJ	00-		.						AN11276	36	30	52,8	90	40						11	2
2.0 Bi-Fuel (Exc. SW) (85 kW) Eng. BEH	02-03		.						AN11276	36	30	52,8	90	40						11	2
2.0 Cabrio (Exc. SW) (85 kW) Eng. AGG/ AKR/ ATU/ AWF/ AWG	98-		.						AN11276	36	30	52,8	90	40						11	2
2.3 V5, 4motion (125 kW) Eng. AQN	00-	M/T	.						AN11276	36	30	52,8	90	40						11	2
2.3 VR5, 4motion (110 kW) Eng. AGZ	97-00	M/T	.						AN11276	36	30	52,8	90	40						11	2

#### Golf V (1K1), Variant '03-'08

1.4 16v (55 kW) Eng. BCA	10/03-		.						AN34211	36	30	59,5	81	40,3						13	2
1.4 16v (59 kW) Eng. BUD	06-		.						AN34221	36	27	59,5	97,95	40,5						13	2
1.4 FSI (66 kW) Eng. BKG/ BLN	10/03-		.						AN34211	36	30	59,5	81	40,3						13	2
1.4 TSi (103 kW) Eng. BMY	06-		.						AN34220	36	30	59,5	90	40						13	2
1.4 TSi (125 kW) Eng. BLG	11/05-		.						AN34221	36	27	59,5	97,95	40,5						13	2
1.4 TSi (90 kW) Eng. CAXA	07-08		.						AN34220	36	30	59,5	90	40						13	2
1.6 (75 kW) Eng. BGU/ BSE/ BSF/ CCSA	04-		.		Tiptronic				AN34220	36	30	59,5	90	40						13	2
1.6 (75 kW) Eng. BGU/ BSE/ BSF/ CCSA	04-	M/T	.		5Sp				AN34222	36	30	59,6	89,9	40						13	2
1.6 FSI (85 kW) Eng. BAG/ BLF/ BLP	10/03-		.		Eng. BAG / BLF				AN34220	36	30	59,5	90	40						13	2

MODEL		YEAR 	TRANSM.	L/R	WS	GS	NOTE		ATTEx ref.	Technical Specifications									
					M/T Manual	A/T Autom.						A	B	C	D	E	F	H	I

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**Golf V (1K1), Variant '03-'08 (continued)**

1.6 FSI (85 kW) Eng. BAG/ BLF/ BLP	10/03-		.	Eng. BLP	AN34222	36	30	59,6	89,9	40				13	2
1.9 TDi (77 kW) Eng. BKC/ BJB/ BLS/ BXE	10/03-	A/T	.	6Sp, Eng. BKC	AN34221	36	27	59,5	97,95	40,5				13	2
1.9 TDi (77 kW) Eng. BKC/ BJB/ BLS/ BXE	10/03-	M/T	.	6Sp, Eng. BKC	AN34220	36	30	59,5	90	40				13	2
2.0 FSI (110 kW) Eng. AXW/ BLR/ BLX/ BLY/ BVX/ BVY/ BVZ	04-		.		AN34220	36	30	59,5	90	40				13	2
2.0 SDi (55 kW) Eng. BDK	04-		.		AN34222	36	30	59,6	89,9	40				13	2
2.0 TDi (100 kW) Eng. AZV	03-		.		AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TDi (103 kW) Eng. BKD/ BMM/ CBDB	03-		.	Eng. BKD	AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TDi (103 kW) Eng. BKD/ BMM/ CBDB	03-		.	Eng. BMM	AN34220	36	30	59,5	90	40				13	2
2.0 TDi 4motion (103 kW) Eng. BKD/ BMM	03-		.	FWD	AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TFSI (147 kW) Eng. AXX/ BWA/ CCTA	04-		.		AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TFSI GTI Ed. 30 (169 kW) Eng. BYD	2/07-		.		AN34221	36	27	59,5	97,95	40,5				13	2
3.2 R32 4motion (184 kW) Eng. BUB	06-		.		AN34221	36	27	59,5	97,95	40,5				13	2

### **Golf V Plus (1KP) '05-'08**

1.4 16v (55 kW) Eng. BCA	05-		•			AN34211	36	30	59,5	81	40,3			13	2
1.4 16v (59 kW) Eng. BUD	05-		•			AN34211	36	30	59,5	81	40,3			13	2
1.4 16v TSi (103 kW) Eng. BMY	05-		•			AN34221	36	27	59,5	97,95	40,5			13	2
1.4 TSi (125 kW) Eng. BLG	06-		•			AN34221	36	27	59,5	97,95	40,5			13	2
1.4 TSi (90 kW) Eng. CAXA	07-		•			AN34220	36	30	59,5	90	40			13	2
1.6 (75 kW) Eng. BSE/ BSF/ CCSA	05-	A/T	•	Tiptronic		AN34220	36	30	59,5	90	40			13	2
1.6 (75 kW) Eng. BSE/ BSF/ CCSA	05-	M/T	•	6Sp+DSG		AN34222	36	30	59,6	89,9	40			13	2
1.6 FSI (85 kW) Eng. BAG/ BLF	05-	A/T	•	Tiptronic		AN34220	36	30	59,5	90	40			13	2
1.6 FSI (85 kW) Eng. BAG/ BLF	05-	M/T	•	6Sp+DSG		AN34222	36	30	59,6	89,9	40			13	2
1.9 TDi (66 kW) Eng. BRU	05-		•			AN34220	36	30	59,5	90	40			13	2
1.9 TDi (77 kW) Eng. BKC	05-	M/T	•	6Sp+DSG		AN34221	36	27	59,5	97,95	40,5			13	2
1.9 TDi (77 kW) Eng. BKC	05-	M/T+A/T	•	6Sp Tiptronic		AN34220	36	30	59,5	90	40			13	2
2.0 FSI (110 kW) Eng. BLR/ BLY/ BVY/ BVZ	05-		•			AN34220	36	30	59,5	90	40			13	2
2.0 TDi (100 kW) Eng. AZV	05-		•			AN34221	36	27	59,5	97,95	40,5			13	2
2.0 TDi (103 kW) Eng. BKD/ BMM	05-	M/T+A/T	•			AN34221	36	27	59,5	97,95	40,5			13	2

## Golf VI (5K1), Variant '08-

1.4 (59 kW) Eng. BUD/ CGGA	08-		•			AN34211	36	30	59,5	81	40,3				13	2
1.4 TSi (118 kW) Eng. CAVD	08-		•			AN34220	36	30	59,5	90	40				13	2
1.4 TSi (90 kW) Eng. CAXA	08-		•			AN34220	36	30	59,5	90	40				13	2
1.6 (75 kW) Eng. BSE/ BSF/ CCSA/ CHGA	08-		•			AN34220	36	30	59,5	90	40				13	2
1.6 TDi, 4motion (77 kW) Eng. CAYC	09-		•			AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TDi (100 kW) Eng. CFFA/ CBAA	08-		•			AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TDi (125 kW) Eng. CBBB	09-	A/T	•			AN34221	36	27	59,5	97,95	40,5				13	2

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications										
									M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L

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### Golf VI (5K1), Variant '08- (continued)

2.0 TDi (81 kW) Eng. CBDC	08-			•					AN34220	36	30	59,5	90	40					13	2
2.0 TDi , 4motion (103 kW) Eng. CBAB/ CBDB/ CFFB	08-			•					AN34221	36	27	59,5	97,95	40,5					13	2
2.0 TSi (155 kW) Eng. CCZB	09-			•					AN34221	36	27	59,5	97,95	40,5					13	2

### Golf VI Plus (5M1) '09-

1.4 TSi (118 kW) Eng. CAVD	09-			•		Doppia Frizione/ Double Clutch			AN34220	36	30	59,5	90	40					13	2
1.4 TSi (90 kW) Eng. CAXA	09-			•					AN34221	36	27	59,5	97,95	40,5					13	2
1.4 TSi (90 kW) Eng. CAXA	09-			•					AN34220	36	30	59,5	90	40					13	2
1.6 (75 kW) Eng. BSE/ BSF/ CCSA/ CHGA	09-			•					AN34221	36	27	59,5	97,95	40,5					13	2
1.6 (75 kW) Eng. BSE/ BSF/ CCSA/ CHGA	09-			•					AN34220	36	30	59,5	90	40					13	2
1.6 TDi (66 kW) Eng. CAYB	09-			•					AN34220	36	30	59,5	90	40					13	2
1.6 TDi (77 kW) Eng. CAYC/ CBAA	09-			•		Doppia Frizione/ Double Clutch			AN34221	36	27	59,5	97,95	40,5					13	2
1.6 TDi (77 kW) Eng. CAYC/ CBAA	09-	M/T		•					AN34220	36	30	59,5	90	40					13	2
2.0 TDi (100 kW) Eng. CFHB	09-			•					AN34221	36	27	59,5	97,95	40,5					13	2
2.0 TDi (81 kW) Eng. CBDC	09-			•					AN34221	36	27	59,5	97,95	40,5					13	2
2.0 TDi (81 kW) Eng. CBDC	09-			•					AN34220	36	30	59,5	90	40					13	2
2.0 TDi, 4motion (103 kW) Eng. CFHC	09-			•					AN34221	36	27	59,5	97,95	40,5					13	2
2.0 TDi, 4motion (103 kW) Eng. CFHC	09-			•					AN34220	36	30	59,5	90	40					13	2

### Jetta I (17) '79-'83

1.1 (37 kW) Eng. FA/ GG	79-83	M/T		•					AV11320		33		92							
1.3 (44 kW) Eng. GF	79-7/83	M/T		•					AV11320		33		92							
1.5 (51 kW) Eng. JB	79-83	M/T+A/T		•	Ch 1753000001-17A0360000				AV34330		33		94							
1.5 (51 kW) Eng. JB	79-83	M/T+A/T		•	Ch 17A0116213-17D641909				AV34330		33		94							
1.5 D (37 kW) Eng. CK	79-80	M/T		•					AV34330		33		94							
1.6 (81 kW) Eng. EG	79-82	M/T		•	Ch 1763379207-17C999999				AV34330		33		94							
1.6 D (40 kW) Eng. CR/ JK	80-83	M/T		•	Ch 17A0116213-17D641909				AV34330		33		94							
1.6 TD (51 kW) Eng. CY	82-83	M/T		•	Ch 17A0116213-17D641909				AV34330		33		94							
1.8 (82 kW) Eng. DX	8/82-7/83	M/T		•	Ch 17D000001-17D641909				AV34330		33		94							

### Jetta II (19E, 1G2) '84-'91

1.0 (33-37 kW) Eng. HZ	84-91	M/T		•	Ch 17D641910-1GN158228				AV11320		33		92							
1.3 (44 kW) Eng. GT	84-86	M/T		•	Ch 17D641910-1GN300000				AV11320		33		92							
1.3, Kat (40 kW) Eng. 2G/ HK/ MH/ NZ	84-91	M/T		•	Ch 17D641910-1GN300000				AV11320		33		92							
1.6 (51 kW) Eng. PN	86-91	M/T+A/T		•					AV34330		33		94							
1.6 (53 kW) Eng. RF(KAT)	86-91	M/T+A/T		•					AV34330		33		94							
1.6 (55 kW) Eng. EZ/ HM	84-91	M/T+A/T		•					AV34330		33		94							
1.6 D (40 kW) Eng. JP/ ME	84-91	M/T		•					AV34330		33		94							
1.8 (62 kW) Eng. RH	86-1/90	M/T		•					AV34330		33		94							
1.8 16v (102 kW) Eng. KR	87-89	M/T		•	Ch 19E431737-1GN158228				AN11280	22	30	53	90	49				11	2	

MODEL		YEAR <small>1990-2000</small>	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										A	B	C	D	E	F	H	I	L	M

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**Jetta II (19E, 1G2) '84-'91 (continued)**

1.8 16v GTi (95 kW) Eng. PL	86-10/91	M/T	.	Ch 19E431737-1GN158228		AN11280	22	30	53	90	49				11	2
1.8 GT, Syncro, Kat (66 kW) Eng. HV/GU/GX	8/85-7/91	M/T	.	RWD, Ch 19G000001-1GM990000		AN34015	22	30	51	81	48				11	2
1.8 GT, Syncro, Kat (66 kW) Eng. HV/GU/GX	8/85-7/91	M/T	.	RWD, Ch 19G000001-1GM990000		AV34330		33		94						
1.8 GT, Syncro, Kat (66 kW) Eng. HV/GU/GX	86-1/90	M/T	.	FWD		AV34330		33		94						
1.8 GTi (82 kW) Eng. EV/GZ/PB	1/84-10/91	M/T	.	Ch 19E431737-1GN158228		AN11280	22	30	53	90	49				11	2
1.8 GTi, Kat (79 kW) Eng. PF/RD	85-87	M/T	.	Ch 19E431737-1GN158228		AN11280	22	30	53	90	49				11	2
1.8 Syncro (72 kW) Eng. 1P	88-7/91	M/T	.	RWD, Ch 19G000001-1GM990000		AN34015	22	30	51	81	48				11	2
1.8 Syncro (72 kW) Eng. 1P	88-1/90	M/T	.	FWD		AV34330		33		94						
1.8 Syncro (72 kW) Eng. 1P	88-7/91	M/T	.	RWD, Ch 19G000001-1GM990000		AV34330		33		94						
1.8, Syncro (66 kW) Eng. RP	8/85-7/91	M/T	.	RWD, Ch 19G000001-1GM990000		AN34015	22	30	51	81	48				11	2
1.8, Syncro (66 kW) Eng. RP	8/85-7/91	M/T	.	RWD, Ch 19G000001-1GM990000		AV34330		33		94						
1.8, Syncro (66 kW) Eng. RP	86-1/90	M/T	.	FWD		AV34330		33		94						

Jetta III (1KM) '05-

1.4 16v TSi (103 kW) Eng. BMY	06-		•			AN34221	36	27	59,5	97,95	40,5				13	2
1.4 16v TSi (103 kW) Eng. BMY	06-	M/T	•			AN34220	36	30	59,5	90	40				13	2
1.4 TSi (125 kW) Eng. BLG	06-		•			AN34221	36	27	59,5	97,95	40,5				13	2
1.4 TSi (90 kW) Eng. CAXA	07-		•			AN34220	36	30	59,5	90	40				13	2
1.6 (75 kW) Eng. BSE/ BSF/ CCSA	05-		•			AN34220	36	30	59,5	90	40				13	2
1.6 FSI (85 kW) Eng. BAG/ BLF	05-		•			AN34220	36	30	59,5	90	40				13	2
1.9 TDi (77 kW) Eng. BKC/ BLS	05-		•			AN34220	36	30	59,5	90	40				13	2
2.0 FSI (110 kW) Eng. BLR/ BLY	05-	M/T	•			AN34220	36	30	59,5	90	40				13	2
2.0 FSI (110 kW) Eng. BLR/ BLY	05-	M/T	•	6Sp		AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TDi (103 kW) Eng. BKD/ BMM	05-		•			AN34220	36	30	59,5	90	40				13	2
2.0 TDi (103 kW) Eng. BKD/ BMM	05-	M/T	•	6Sp		AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TFSI (147 kW) Eng. BWA / BPY / CCTA	05-		•			AN34221	36	27	59,5	97,95	40,5				13	2

Kaefer '49-'03

1.6 Cabrio (35 kW) Eng. AE/AH/AK 8/70-75 M/T+A/T • AV34330 33 94

### **New Beetle (8C1, 1C1) '98-**

1.4 16v, Cabrio (55 kW) Eng. BCA	01-			•				AN11279	36	30	53	81	40				11	2
1.6 (74 kW) Eng. AWH	99-00			•				AN11276	36	30	52,8	90	40				11	2
1.6 (75 kW) Eng. BSE/ BSF	00-			•				AN11276	36	30	52,8	90	40				11	2
1.6, Cabrio (75 kW) Eng. AYD	00-			•				AN11276	36	30	52,8	90	40				11	2
1.8 T, Cabrio (110 kW) Eng. APH/ AVC/ AWU/ AWV/ BKF	99-			•				AN11276	36	30	52,8	90	40				11	2
1.9 TDi (66 kW) Eng. ALH	98-01			•	-ABS			AN11276	36	30	52,8	90	40				11	2
1.9 TDi, Cabrio (74 kW) Eng. ATD/ AXR	01-	M/T+A/T		•	A/T 4Sp			AN11276	36	30	52,8	90	40				11	2
2.0, Cabrio (85 kW) Eng. AEG/ AQY/ AVH/ AZI/ BEI/ BFR/ BHP/ CBPA	98-			•	-ABS			AN11276	36	30	52,8	90	40				11	2

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I

## VOLKSWAGEN

### Passat I (32, 33), Variant '73-'80

1.3 (40 kW) Eng. FY	5/73-4/80	M/T	.	•	Ch 3242000001-32A150000		AN34024	22	30	51	81	48							11	3
1.3 (40 kW) Eng. FY	5/73-4/80	M/T	.	•	Ch 3242000001-32A150000		AV34330		33		94									
1.3 (40 kW) Eng. ZA	5/73-4/80	M/T	.	•	Ch 3242000001-32A150000		AN34024	22	30	51	81	48							11	3
1.3 (40 kW) Eng. ZA	5/73-4/80	M/T	.	•	Ch 3242000001-32A150000		AV34330		33		94									
1.3 (44 kW) Eng. ZF	73-78	M/T	.	•	Ch 3242000001-32A150000		AN34024	22	30	51	81	48							11	3
1.3 (44 kW) Eng. ZF	73-78	M/T	.	•	Ch 3242000001-32A150000		AV34330		33		94									
1.5 (55 kW) Eng. YJ/ ZB	5/73-12/75	M/T+A/T	.	•	Ch 3242000001-3262087472		AN34024	22	30	51	81	48							11	3
1.5 (55 kW) Eng. YJ/ ZB	5/73-12/75	M/T+A/T	.	•	Ch 3242000001-3262087472		AV34330		33		94									
1.5 (63 kW) Eng. ZC	5/73-12/75	M/T+A/T	.	•	Ch 3242000001-3262087472		AN34024	22	30	51	81	48							11	3
1.5 (63 kW) Eng. ZC	5/73-12/75	M/T+A/T	.	•	Ch 3242000001-3262087472		AV34330		33		94									
1.6 (63 kW) Eng. YP	75-80	M/T+A/T	.	•	Ch 3242000001-32A150000		AN34024	22	30	51	81	48							11	3
1.6 (63 kW) Eng. YP	75-80	M/T+A/T	.	•	Ch 3242000001-32A150000		AV34330		33		94									

### Passat II (32B), Variant '80-'88

1.3 (40 kW) Eng. FY	80-83	M/T	.	•	Ch 32A150001-32H220000		AV34330		33		94									
1.3 (44 kW) Eng. EP	80-86	M/T	.	•	Ch 32A150001-32H220000		AN34015	22	30	51	81	48							11	2
1.3 (44 kW) Eng. EP	80-86	M/T	.	•	Ch 32A150001-32H220000		AV34330		33		94									
1.3 (44 kW) Eng. EU/ FZ	80-86	M/T	.	•	Ch 32A150001-32H220000		AN34015	22	30	51	81	48							11	2
1.3 (44 kW) Eng. EU/ FZ	80-86	M/T	.	•	Ch 32A150001-32H220000		AV34330		33		94									
1.6 (51 kW) Eng. PP	87-88	M/T+A/T	.	•	Ch 32A150001-32J299999		AN34015	22	30	51	81	48							11	2
1.6 (51 kW) Eng. PP	87-88	M/T+A/T	.	•	Ch 32A150001-32J299999		AV34330		33		94									
1.6 (53 kW) Eng. RF/ RL	86-88	M/T+A/T	.	•	Ch 32A150001-32J299999		AN34015	22	30	51	81	48							11	2
1.6 (53 kW) Eng. RF/ RL	86-88	M/T+A/T	.	•	Ch 32A150001-32J299999		AV34330		33		94									
1.6 (55 kW) Eng. DT/ WV/ YN	80-88	M/T+A/T	.	•	Ch 32A150001-32J299999		AN34015	22	30	51	81	48							11	2
1.6 (55 kW) Eng. DT/ WV/ YN	80-88	M/T+A/T	.	•	Ch 32A150001-32J299999		AV34330		33		94									
1.6 (63 kW) Eng. YP	81-83	M/T+A/T	.	•	Ch 32A150001-32J299999		AN34015	22	30	51	81	48							11	2
1.6 (63 kW) Eng. YP	81-83	M/T+A/T	.	•	Ch 32A150001-32J299999		AV34330		33		94									
1.6 D (40 kW) Eng. CR/ JK	8/80-3/88	M/T+A/T	.	•	Ch 32B000001-32J299999		AN34015	22	30	51	81	48							11	2
1.6 D (40 kW) Eng. CR/ JK	8/80-3/88	M/T+A/T	.	•	Ch 32B000001-32J299999		AV34330		33		94									
1.6 TD (51 kW) Eng. CY	82-88	M/T+A/T	.	•	Ch 32C110981-32F500000		AN34015	22	30	51	81	48							11	2
1.6 TD (51 kW) Eng. CY	82-88	M/T+A/T	.	•	Ch 32C110981-32F500000		AV34330		33		94									
1.8 (64 kW) Eng. RM	86-88	A/T	.	•	Ch 32D099298-32J299999		AN34015	22	30	51	81	48							11	2
1.8 (64 kW) Eng. RM	86-88	A/T	.	•	Ch 32D099298-32J299999		AV34330		33		94									
1.8 (66 kW) Eng. DS/ JN/ JV	86-88	A/T	.	•	Ch 32D099298-32J299999		AN34015	22	30	51	81	48							11	2
1.8 (66 kW) Eng. DS/ JN/ JV	86-88	A/T	.	•	Ch 32D099298-32J299999		AV34330		33		94									
1.8 (82 kW) Eng. DZ	12/83-3/88	M/T+A/T	.	•	RWD, Ch -33H086636		AN11280	22	30	53	90	49							11	2
1.8 Syncro (66 kW) Eng. DS/ JN/ JV	4-12/86		.	•	RWD, Ch -33H086636		AN34015	22	30	51	81	48							11	2
1.8 Syncro (66 kW) Eng. DS/ JN/ JV	-12/86		.	•	FWD+RWD, Ch 33H086637-		AV34330		33		94									
1.8 Syncro (66 kW) Eng. DS/ JN/ JV	-3/88		.	•	FWD+RWD, Ch 33H086637-		AV34328		33		100									

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications																					
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M	Fig									
<b>VOLKSWAGEN</b>																															
<b>Passat II (32B), Variant '80-'88 (continued)</b>																															
1.9 (85 kW) Eng. WN	1/81-7/83	M/T+A/T		.			Ch 32B040822-32D092500			AN34015	22	30	51	81	48						11	2									
1.9 (85 kW) Eng. WN	1/81-7/83	M/T+A/T			.		Ch 32B040822-32D092500			AV34330		33		94																	
1.9 (85 kW) Eng. WN	1/81-7/83	M/T+A/T					Ch 32D092501-32D300000			AV34328		33		100																	
2.0, Syncro (85 kW) Eng. HP/ JS	8/83-3/88	M/T		.			Ch 32E000001-32J299999			AN34015	22	30	51	81	48						11	2									
2.0, Syncro (85 kW) Eng. HP/ JS	8/83-3/88	M/T			.		Ch 32E000001-32J299999			AV34330		33		94																	
2.0, Syncro (85 kW) Eng. HP/ JS	8/83-3/88	A/T	L		.		Ch 32E000001-32J299999			AV34328		33		100																	
2.2 (100 kW) Eng. KV	1/85-3/88	M/T			.		Ch 32H300001-32J299999			AV34332		28		108																	
2.2 (85 kW) Eng. KX	85-	M/T+A/T		.			Ch 32B000001-32D092500			AN34015	22	30	51	81	48						11	2									
2.2 (85 kW) Eng. KX	1/85-3/88	M/T+A/T			.		Ch 32D092501-32J299999			AV34328		33		100																	
2.2 (85 kW) Eng. KX	85-	M/T+A/T			.		Ch 32B000001-32D092500			AV34330		33		94																	
2.2 Syncro SW (88 kW) Eng. JT	-12/86			.			RWD, Ch -33H086636			AN34015	22	30	51	81	48						11	2									
2.2 Syncro SW (88 kW) Eng. JT	-12/86				.		Ch -33H086636			AV34330		33		94																	
2.2 Syncro SW (88 kW) Eng. JT	-88				.		FWD+RWD, Ch 33H086637-			AV34328		33		100																	
<b>Passat III (3A2, 3A5, 35I), Variant '88-'97</b>																															
1.6 (53 kW) Eng. 1F	88-91	M/T			.		Ch 31J000001-31L400000			AV34330		33		94																	
1.6 (55 kW) Eng. EZ/ HM	4/88-	M/T			.		Ch 31J000001-31L400000			AV34330		33		94																	
1.6 (74 kW) Eng. AEK/ AFT	94-	M/T		.						AN11280	22	30	53	90	49						11	2									
1.6 TD (59 kW) Eng. RA/ SB	8/88-10/93	M/T		.			Ch 31M000001-			AN11280	22	30	53	90	49						11	2									
1.6 TD (59 kW) Eng. RA/ SB	4/88-7/90	M/T			.		Ch -31L400000			AV34330		33		94																	
1.8 (55 kW) Eng. AAM	90-96	M/T+A/T		.						AN11280	22	30	53	90	49						11	2									
1.8 (66 kW) Eng. ABS/ ADZ	88-97	M/T+A/T		.						AN11280	22	30	53	90	49						11	2									
1.8 (79 kW) Eng. PF	88-93	M/T+A/T		.						AN11280	22	30	53	90	49						11	2									
1.8 (82 kW) Eng. PB(KAT)	88-92	M/T+A/T		.						AN11280	22	30	53	90	49						11	2									
1.8 16v (100 kW) Eng. KR	88-89	M/T+A/T		.						AN11280	22	30	53	90	49						11	2									
1.8 G60 Syncro (118 kW) Eng. 1H/ PG	8/88-97	M/T		.			FWD			AN11280	22	30	53	90	49						11	2									
1.8 G60 Syncro (118 kW) Eng. 1H/ PG	8/88-97	M/T			.		RWD			AV34330		33		94																	
1.9 D (50 kW) Eng. 1Y	5/89-10/93	M/T		.						AN11280	22	30	53	90	49						11	2									
1.9 TD (55 kW) Eng. AAZ	91-97	M/T+A/T		.						AN11280	22	30	53	90	49						11	2									
1.9 TDi (66 kW) Eng. 1Z/ AHU	93-97	M/T+A/T		.						AN11280	22	30	53	90	49						11	2									
1.9 TDi (81 kW) Eng. AFN	96-97	M/T		.						AN11276	36	30	52,8	90	40						11	2									
2.0 (79 kW) Eng. AEP	95-96	M/T+A/T		.			FWD			AN11280	22	30	53	90	49						11	2									
2.0 (85 kW) Eng. 2E	90-96	M/T+A/T		.			FWD			AN11280	22	30	53	90	49						11	2									
2.0 (85 kW) Eng. ADY/ AGG/ AKR	90-96	M/T+A/T		.			FWD			AN11280	22	30	53	90	49						11	2									
2.0 16v (100 kW) Eng. 9A	88-93	M/T+A/T		.			FWD			AN11280	22	30	53	90	49						11	2									
2.0 GTi 16v (110 kW) Eng. ABF	-97	M/T		.			Ch 31N105279-			AN11276	36	30	52,8	90	40						11	2									
2.0 Syncro (85 kW) Eng. 2E	10/90-8/96	M/T		.			FWD			AN11280	22	30	53	90	49						11	2									
2.0 Syncro (85 kW) Eng. 2E	10/90-8/96	M/T			.		RWD			AV34330		33		94																	
2.0 Syncro (85 kW) Eng. ADY/ AGG/ AKR	10/90-8/96	M/T		.			FWD			AN11280	22	30	53	90	49						11	2									
2.0 Syncro (85 kW) Eng. ADY/ AGG/ AKR	10/90-8/96	M/T			.		RWD			AV34330		33		94																	
2.8 VR6 (128 kW) Eng. AAA	6/91-8/96	M/T		.			Ch 31N105279-			AN11276	36	30	52,8	90	40						11	2									

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I

## VOLKSWAGEN

### Passat IV (3B2, 3B5), Variant '96-'00

1.6 (74 kW) Eng. ADP	10/96-			.		+ABS		45	AN34016	33	30	53	87,9	30					13	2	
1.6 (74 kW) Eng. AHL/ ANA/ ARM	10/96-			.		+ABS		45	AN34016	33	30	53	87,9	30					13	2	
1.8 (85 kW) Eng. AFY	97-			.		+ABS		45	AN34016	33	30	53	87,9	30					13	2	
1.8 20v (92 kW) Eng. ADR/ APT/ ARG	10/96-			.		+ABS, Exc. Tiptronic		45	AN34016	33	30	53	87,9	30					13	2	
1.8 20v (92 kW) Eng. ADR/ APT/ ARG	10/96-			.					AV34332		28		108								
1.8 20v Syncro (92 kW) Eng. ADR/ APT/ ARG	96-			.		+ABS		45	AN34212	33	30	53	87,9	30					13	2	
1.8 T. (110 kW) Eng. AEB/ ANB/ APU	10/96-			.		+ABS, Exc. Tiptronic		45	AN34016	33	30	53	87,9	30					13	2	
1.8 T. (110 kW) Eng. AEB/ ANB/ APU	10/96-			.					AV34332		28		108								
1.9 TDi (66 kW) Eng. AHH/ AHU	10/96-			.		+ABS		45	AN34016	33	30	53	87,9	30					13	2	
1.9 TDi (81 kW) Eng. AFN/ AVG	10/96-00			.		+ABS, FWD		45	AN11290	38	27	59,5	98	34					13	2	
1.9 TDi Syncro (81 kW) Eng. AFN/ AVG	96-00			.		+ABS, FWD		45	AN34212	33	30	53	87,9	30					13	2	
2.3 VR5 (110 kW) Eng. AGZ	10/96-			.		+ABS		45	AN34016	33	30	53	87,9	30					13	2	
2.5 TDi, Syncro (110 kW) Eng. AFB	98-00			.		+ABS, FWD		45	AN11290	38	27	59,5	98	34					13	2	
2.5 TDi, Syncro (110 kW) Eng. AKN	98-00			.		+ABS, FWD		45	AN11290	38	27	59,5	98	34					13	2	
2.8 V6, 4motion (142 kW) Eng. ACK/ ALG/ APR/ AQD	96-00			.		+ABS, FWD		45	AN11290	38	27	59,5	98	34					13	2	

### Passat V (3B3, 3B6), Variant '00-'05

1.6 (75 kW) Eng. ALZ	00-			.		+ABS		45	AN34212	33	30	53	87,9	30					13	2
1.8 T. (Exc. SW), 4motion (125 kW) Eng. AWM	01-05			.		+ABS, Ch -3B3E312500		45	AN11290	38	27	59,5	98	34					13	2
1.8 T. 20v (110 kW) Eng. AWL/ AWT	00-			.		+ABS		45	AN34212	33	30	53	87,9	30					13	2
1.9 TDi (96 kW) Eng. AVF/ AWX	00-05	A/T		.		+ABS, Ch -3B3E312500, Cod. ID PR 1BB, Eng. AVF		45	AN11290	38	27	59,5	98	34					13	2
1.9 TDi 4motion (96 kW) Eng. AVF/ AWX	00-	M/T		.		+ABS, 6Sp, Ch -3B3E312500, Eng. AVF, Cod. ID PR 1BE/1BF/1BH		45	AN34212	33	30	53	87,9	30					13	2
1.9 TDi 4motion (96 kW) Eng. AVF/ AWX	00-05	A/T		.		+ABS, FWD, Ch -3B3E312500, Cod. ID PR 1BB, Eng. AVF		45	AN11290	38	27	59,5	98	34					13	2
2.0 (85 kW) Eng. AZM/ BFF	00-05			.		+ABS		45	AN34016	33	30	53	87,9	30					13	2
2.0 (96 kW) Eng. ALT	01-			.		+ABS		45	AN34212	33	30	53	87,9	30					13	2
2.0 4motion (85 kW) Eng. AZM	00-05			.		+ABS, FWD		45	AN34212	33	30	53	87,9	30					13	2
2.0 TDi (100 kW) Eng. BGW	03-05	A/T		.		+ABS, 4Sp		45	AN34212	33	30	53	87,9	30					13	2
2.3 VR5, 4motion (125 kW) Eng. AZX	00-05	M/T		.		+ABS, Exc. 4Motion		45	AN34016	33	30	53	87,9	30					13	2
2.3 VR5, 4motion (125 kW) Eng. AZX	00-05	A/T		.		+ABS, FWD, Tiptronic, Ch -3B3E312500, 4Motion		45	AN11290	38	27	59,5	98	34					13	2
2.5 TDi (110 kW) Eng. AKN	00-	M/T+A/T		.		+ABS, 5Sp		45	AN11290	38	27	59,5	98	34					13	2
2.5 TDi 4motion (110 kW) Eng. AKN	00-05	M/T		.		+ABS, FWD, Ch -3B3E312500		45	AN11290	38	27	59,5	98	34					13	2
2.5 TDi, 4motion (110 kW) Eng. AFB	00-	M/T+A/T		.		+ABS, 5Sp		45	AN11290	38	27	59,5	98	34					13	2
2.8 30v 4motion (142 kW) Eng. AMX/ ATQ	00-05	M/T		.		+ABS, FWD, Ch -3B3E312500		45	AN11290	38	27	59,5	98	34					13	2
4.0 W8 4motion (202 kW) Eng. BDN/ BDP	01-05	M/T+A/T		.		+ABS, FWD		45	AN11290	38	27	59,5	98	34					13	2

MODEL		YEAR <small>1990-2000</small>	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										A	B	C	D	E	F	H	I	L	M

**VOLKSWAGEN**

**Passat VI (3C2, 3C5), Variant '05-**

1.6 FSI (85 kW) Eng. BAG/ BLF	05-			•			AN34220	36	30	59,5	90	40				13	2
1.9 TDi (77 kW) Eng. BKC/ BLS/ BXE	05-			•			AN34220	36	30	59,5	90	40				13	2
2.0 FSI, 4motion (110 kW) Eng. BLR/ BLY/ BVY/ BVX/ BVZ	05-			•			AN34220	36	30	59,5	90	40				13	2
2.0 TDi, 4motion (103 kW) Eng. BKP/ BMP/ CBAB	05-			•	FWD		AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TFSI (147 kW) Eng. AXX/ BPY/ BWA/ CAWB/ CBFA/ CCTA	05-						AN34221	36	27	59,5	97,95	40,5				13	2
3.2 FSI, 4motion (184 kW) Eng. AXZ	05-			•	FWD		AN34221	36	27	59,5	97,95	40,5				13	2

## **Passat VII Coupé '08-**

1.8 TSi (118 kW) Eng. BZB	08-			•				AN34221	36	27	59,5	97,95	40,5				13	2
2.0 BlueTDi (105 kW) Eng. CBAC	09-			•				AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TDi , 4motion (103 kW) Eng. CBAB	08-			•				AN34221	36	27	59,5	97,95	40,5				13	2
2.0 TSi (147 kW) Eng. CAWB / CCTA	08-			•				AN34221	36	27	59,5	97,95	40,5				13	2
3.6 FSI V6 (220 kW) Eng. BWS / BLV	08-			•				AN34221	36	27	59,5	97,95	40,5				13	2

Polo I (86) '75-'81

0.8 (25 kW) Eng. HE	4/75-81			•	Ch 86623000001-86E050306	AV11320	33	92				
0.9 (29 kW) Eng. HA	75-81	M/T		•		AV11320	33	92				
1.1 (37 kW) Eng. HB	75-81			•		AV11320	33	92				
1.3 (44 kW) Eng. HH	76-81			•	Ch 86623000001-86E050306	AV11320	33	92				

#### **Polo II (86C, 80), Classic, Coupé '81-'94**

1.0 (29 kW) Eng. GL	81-86	M/T		•		AV11320	33	92				
1.0, Kat (33-37 kW) Eng. AAK/ AAU/ ACM/ HZ	86-94	M/T		•		AV11320	33	92				
1.1 (Exc. Classic) (37 kW) Eng. HB	81-89	M/T		•		AV11320	33	92				
1.3 (Exc. Coupé) (43 kW) Eng. HJ	81-82			•	Ch 80H000001-80R150000	AV11320	33	92				
1.3 D (33 kW) Eng. MN	86-90			•	Ch 80H000001-80R150000	AV11320	33	92				
1.3 G40 (Exc. Classic) (83 kW) Eng. PY	87-94			•	Ch 80H000001-80R150000	AV11320	33	92				
1.4 D (35 kW) Eng. 1W	90-94			•	Ch 80H000001-80R150000	AV11320	33	92				

## **Polo III-IV (6KV2) Classic '95-'01**

1.4 (40-44 kW) Eng. AEX/ AKV/ ANX/ APQ	95-01	M/T		.			AV11320	33	92				
1.4 (44 kW) Eng. AKK/ AUD	95-01	M/T		.			AV11320	33	92				
1.4 (44 kW) Eng. ANW	95-01	M/T		.			AV11320	33	92				
1.6 (53-55 kW) Eng. 1F	95-01	M/T		.			AN11280	22	30	53	90	49	
1.6 (55 kW) Eng. AEE/ ALM	95-01	M/T		.			AN11280	22	30	53	90	49	
1.6 (74 kW) Eng. AEH/ AKL/ APF/ AUR	95-01	M/T		.	France		AN11280	22	30	53	90	49	
1.6 (74 kW) Eng. AEH/ AKL/ APF/ AUR	95-01	M/T		.			AV34330	33	94				
1.6 (74 kW) Eng. AFT	95-99	M/T		.	France		AN11280	22	30	53	90	49	
1.6 (74 kW) Eng. AFT	95-99	M/T		.			AV34330	33	94				

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications									
									M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I

## VOLKSWAGEN

### Polo III-IV (6KV2) Classic '95-'01 (continued)

1.8 (66 kW) Eng. ADD/ ADZ	97-			•					AN11280	22	30	53	90	49					11	2	
1.9 D (47-50 kW) Eng. 1Y/ AEY	95-01	M/T			•				AV34330		33		94								
1.9 SDi (50 kW) Eng. AGP/ AQM	99-01	M/T			•				AV34330		33		94								
1.9 TDi (66 kW) Eng. AGR/ AHU/ ALH/ ALE	96-01	M/T		•					AN11280	22	30	53	90	49					11	2	
1.9 TDi (81 kW) Eng. AFN/ ASV	98-01	M/T		•					AN11280	22	30	53	90	49					11	2	

### Polo IV (6KV5) Variant '97-'01

1.4 (44 kW) Eng. AEX/ AKV/ ANX/ APQ	97-01	M/T			•				AV11320		33		92								
1.4 (44 kW) Eng. AKK/ AUD	97-01	M/T			•				AV11320		33		92								
1.4 (44 kW) Eng. ANW	97-01	M/T			•				AV11320		33		92								
1.6 (55 kW) Eng. AEE/ ALM	97-01	M/T		•					AN11280	22	30	53	90	49					11	2	
1.6 (74 kW) Eng. AEH/ AKL/ APF/ AUR	99-01	M/T		•		France			AN11280	22	30	53	90	49					11	2	
1.6 (74 kW) Eng. AEH/ AKL/ APF/ AUR	99-01	M/T			•				AV34330		33		94								
1.8 (66 kW) Eng. ADD/ ADZ	97-			•					AN11280	22	30	53	90	49					11	2	
1.9 SDi (47 kW) Eng. AEY	99-01	M/T			•				AV34330		33		94								
1.9 SDi (47 kW) Eng. AGD/ ASX	99-01	M/T			•				AV34330		33		94								
1.9 SDi (50 kW) Eng. AGP/ AQM	99-01	M/T			•				AV34330		33		94								
1.9 TDi (66 kW) Eng. AGR/ AHU/ ALH/ ALE	97-01	M/T		•					AN11280	22	30	53	90	49					11	2	
1.9 TDi (81 kW) Eng. AFN/ ASV	98-01	M/T		•					AN11280	22	30	53	90	49					11	2	

### Quantum I '85-'90

All models				•	4 Cyl.				AN34015	22	30	51	81	48					11	2
All models				•	FWD, Syncro				AN11280	22	30	53	90	49					11	2
All models				•	RWD, Ch -33H175000, Syncro				AN34015	22	30	51	81	48					11	2
All models				•	RWD, Ch 33H175001-, Syncro				AN11280	22	30	53	90	49					11	2

### Rabbit '74-'76

All models	74-	M/T+A/T		•	Usa				AV34330		33		94							
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### Rabbit Convertible '75-'84

All models	84-	M/T+A/T		•	Usa				AN11280	22	30	53	90	49					11	2
All models	75-84	M/T+A/T		•	Usa				AV34330		33		94							

### Santana II (32B) '81-'84

1.6 D (40 kW) Eng. CR/ JK	8/81-84	M/T+A/T		•	Ch 32C000001-, 4 Cyl.				AN34015	22	30	51	81	48					11	2
1.6 D (40 kW) Eng. CR/ JK	8/81-84	M/T+A/T		•	Ch 32C000001-, 4 Cyl.				AV34330		33		94							
1.8 (66 kW) Eng. DS	83-84	M/T+A/T		•	Ch 32C000001-, 4 Cyl.				AN34015	22	30	51	81	48					11	2
1.8 (66 kW) Eng. DS	83-84	M/T+A/T		•	Ch 32C000001-, 4 Cyl.				AV34330		33		94							
1.9 (85 kW) Eng. WN	8/81-12/82	M/T+A/T		•	Ch 32B000001-32D092500, 5 Cyl.				AN34015	22	30	51	81	48					11	2
1.9 (85 kW) Eng. WN	8/81-83	M/T+A/T		•	Ch 32B000001-32D092500, 5 Cyl.				AV34330		33		94							
2.0, Syncro (85 kW) Eng. HP/ JS	83-84	M/T+A/T		•	Ch 32B000001-32D092500, 5 Cyl.				AV34330		33		94							

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications																					
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M	Fig									
<b>VOLKSWAGEN</b>																															
<b>Scirocco I (53) '74-'80</b>																															
1.1 (37 kW) Eng. FA/ GG	74-79						• Ch 5342000001-53A0051000		AV11320		33		92																		
1.3 (44 kW) Eng. GF	79-80						• Ch 5342000001-53A0051000		AV11320		33		92																		
1.5 (51 kW) Eng. FH	74-	M/T+A/T					• Ch 5342000001-		AV34330		33		94																		
1.5 (51 kW) Eng. JB	74-	M/T+A/T					• Ch 5342000001-		AV34330		33		94																		
1.5 (63 kW) Eng. ZC	74-	M/T+A/T					• Ch 5342000001-		AV34330		33		94																		
1.6 (55 kW) Eng. FP	75-77	M/T+A/T					• Ch 5342000001-53A0051000		AV34330		33		94																		
1.6 (63 kW) Eng. FR	75-80	M/T+A/T					• Ch 5342000001-53A0051000		AV34330		33		94																		
1.6 (81 kW) Eng. EG	76-80	M/T+A/T					• Ch 5342000001-53A0051000		AV34330		33		94																		
<b>Scirocco II (53B) '80-'92</b>																															
1.1 (37 kW) Eng. FA	2/80-7/83						• Ch 53A0051001-53D900000		AV11320		33		92																		
1.1 (37 kW) Eng. FJ	2/80-7/83						• Ch 53A0051001-53D900000		AV11320		33		92																		
1.3 (44 kW) Eng. GF	80-83						• Ch 53A0051001-53E060000		AV11320		33		92																		
1.6 (53 kW) Eng. RE	86-90	M/T+A/T					•		AV34330		33		94																		
1.6 (55 kW) Eng. EW	83-89	M/T+A/T					•		AV34330		33		94																		
1.6 (63 kW) Eng. FR	80-84	M/T+A/T					•		AV34330		33		94																		
1.6 (81 kW) Eng. EG	80-82						• Ch 53A0051001-53D900000		AV34330		33		94																		
1.8 (66 kW) Eng. EX	9/87-7/92	M/T+A/T			•		Ch 53J001855-53N010000		AN11280	22	30	53	90	49								11	2								
1.8 (66 kW) Eng. EX	8/83-10/83	A/T					• Ch 53E000001-53E012217		AV34330		33		94																		
1.8 (66 kW) Eng. EX	8/83-7/89	M/T+A/T					• Ch 53E000001-53K020000		AV34330		33		94																		
1.8 (70 kW) Eng. JH	85-7/92						• Ch 53E012218-53N010000		AN11280	22	30	53	90	49								11	2								
1.8 16v (102 kW) Eng. KR	85-89						• Ch 53G004102-53N010000		AN11280	22	30	53	90	49								11	2								
1.8 16v GTi (95 kW) Eng. PL	86-92						• Ch 53G004102-53N010000		AN11280	22	30	53	90	49								11	2								
1.8 GTI (82 kW) Eng. DX/ EV/ PB	10/83-89						• Ch 53E012218-53N010000		AN11280	22	30	53	90	49								11	2								
1.8 GTI (82 kW) Eng. DX/ EV/ PB	82-10/83						• Ch 53E000001-53E012217		AV34330		33		94																		
<b>Scirocco III (137) '08-</b>																															
1.4 TSi (118 kW) Eng. CAVD	08-						•		AN34221	36	27	59,5	97,95	40,5									13	2							
1.4 TSi (118 kW) Eng. CAVD	08-						•		AN34220	36	30	59,5	90	40									13	2							
1.4 TSi (90 kW) Eng. CAXA	08-						•		AN34220	36	30	59,5	90	40									13	2							
2.0 TDi (103 kW) Eng. CBDB	08-						•		AN34221	36	27	59,5	97,95	40,5									13	2							
2.0 TFSI (147 kW) Eng. CAWB	08-						•		AN34221	36	27	59,5	97,95	40,5									13	2							
2.0 TSi (155 kW) Eng. CCZB	-11/09						•		AN34221	36	27	59,5	97,95	40,5									13	2							
<b>Sharan I (7M8, 7M9) '95-'10</b>																															
1.8 T. 20v (110 kW) Eng. AJH/ AWC	9/97-4/00						•	+ABS	48	AN34206	38	27	60	98	34								13	2							
1.9 TDi (110 kW) Eng. BTB	05-						•	+ABS	48	AN34206	38	27	60	98	34								13	2							
1.9 TDi (66 kW) Eng. 1Z	95-5/00						•	+ABS	48	AN34206	38	27	60	98	34								13	2							
1.9 TDi (66 kW) Eng. AHU/ ANU	95-5/00						•	+ABS	48	AN34206	38	27	60	98	34								13	2							
1.9 TDi (81 kW) Eng. AFN/ AVG	9/96-5/00						•	+ABS	48	AN34206	38	27	60	98	34								13	2							
2.0 (85 kW) Eng. ADY/ ATM	9/95-4/00						•	+ABS	48	AN34206	38	27	60	98	34								13	2							

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications									
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I

## VOLKSWAGEN

### Tiguan '07-

1.4 16v TSi (110 kW) Eng. BWK/ CAVA	07-				•					AN34221	36	27	59,5	97,95	40,5					13	2
2.0 TDi 16v (125 kW) Eng. CBBB	07-				•					AN34220	36	30	59,5	90	40					13	2
2.0 TDi 16v, FWD (103 kW) Eng. CBAB/ CFFB	07-				•					AN34220	36	30	59,5	90	40					13	2
2.0 TFSI (125 kW) Eng. CAWA/ CCZC	07-				•					AN34221	36	27	59,5	97,95	40,5					13	2
2.0 TFSI (147 kW) Eng. CAWB	07-				•					AN34221	36	27	59,5	97,95	40,5					13	2

### Touran (1T1) '03-

1.4 16v TSi (103 kW) Eng. BMY	06-				•					AN34221	36	27	59,5	97,95	40,5					13	2
1.4 16v TSi (103 kW) Eng. BMY	06-				•		+/-ABS			AN34220	36	30	59,5	90	40					13	2
1.4 TSi (125 kW) Eng. BLG/ CAVB	07-				•					AN34221	36	27	59,5	97,95	40,5					13	2
1.6 (75 kW) Eng. BGU	03-				•		Tiptronic			AN34220	36	30	59,5	90	40					13	2
1.6 (75 kW) Eng. BGU	03-	M/T			•		5Sp			AN34222	36	30	59,6	89,9	40					13	2
1.6 (75 kW) Eng. BSE/ BSF	03-				•		Tiptronic			AN34220	36	30	59,5	90	40					13	2
1.6 (75 kW) Eng. BSE/ BSF	03-	M/T			•		5Sp			AN34222	36	30	59,6	89,9	40					13	2
1.6 FSI (85 kW) Eng. BAG/ BLF/ BLP	03-				•		Eng. BGA / BLF			AN34220	36	30	59,5	90	40					13	2
1.6 FSI (85 kW) Eng. BAG/ BLF/ BLP	03-				•		Eng. BLP			AN34222	36	30	59,6	89,9	40					13	2
1.9 TDi (66 kW) Eng. BRU/ BXF	04-	M/T			•		6Sp			AN34220	36	30	59,5	90	40					13	2
1.9 TDi (74 kW) Eng. AVQ	03-				•					AN34220	36	30	59,5	90	40					13	2
1.9 TDi (77 kW) Eng. BKC	03-	A/T			•		6Sp			AN34221	36	27	59,5	97,95	40,5					13	2
1.9 TDi (77 kW) Eng. BKC	03-	M/T			•		6Sp			AN34220	36	30	59,5	90	40					13	2
2.0 EcoFuel (80 kW) Eng. BSX	06-				•					AN34220	36	30	59,5	90	40					13	2
2.0 FSI (110 kW) Eng. AXW/ BLR/ BLX/ BLY	03-				•		Eng. BLX			AN34220	36	30	59,5	90	40					13	2
2.0 TDi (100 kW) Eng. AZV	03-	M/T			•		5Sp			AN34221	36	27	59,5	97,95	40,5					13	2
2.0 TDi (103 kW) Eng. BKD/ BMM	03-	M/T+A/T			•					AN34221	36	27	59,5	97,95	40,5					13	2
2.0 TDi 16v (125 kW) Eng. BMN	05-				•					AN34221	36	27	59,5	97,95	40,5					13	2

### Vento (1H2) '91-'98

1.4 (40 kW) Eng. ABD	11/91-9/98	M/T			•					AV11320		33		92							
1.4 (44 kW) Eng. AEX	11/91-9/98	M/T			•					AV11320		33		92							
1.6 (55 kW) Eng. ABU	10/94-9/98	M/T			•		Eng. AEA, AEE			AV34330		33		94							
1.6 (55 kW) Eng. ABU	9/92-9/94				•		Eng. ABU			AV11320		33		92							
1.6 (55 kW) Eng. AEA/ AEE	10/94-9/98	M/T			•		Eng. AEA, AEE			AV34330		33		94							
1.6 (55 kW) Eng. AEA/ AEE	9/92-9/94				•		Eng. ABU			AV11320		33		92							
1.6 (74 kW) Eng. AEK/ AFT	7/94-9/98	A/T			•					AN11280	22	30	53	90	49					11	2
1.6 (74 kW) Eng. AEK/ AFT	10/94-9/98	M/T			•					AV34330		33		94							
1.8 (55 kW) Eng. AAM	11/91-9/98	M/T+A/T			•					AN11280	22	30	53	90	49					11	2
1.8 (66 kW) Eng. ABS/ ADZ	11/91-9/98	M/T+A/T			•					AN11280	22	30	53	90	49					11	2
1.9 D (47-50 kW) Eng. 1Y	11/91-9/98	M/T			•					AV34330		33		94							
1.9 TD (55 kW) Eng. AAZ	11/91-9/98	M/T			•					AN11280	22	30	53	90	49					11	2

MODEL		YEAR	TRANSM.	L/R	WS	GS	NOTE		ATTEX ref.	Technical Specifications													
										M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I	L	M	Fig	
<b>VOLKSWAGEN</b>																							
<b>Vento (1H2) '91-'98 (continued)</b>																							
1.9 TDi (66 kW) Eng. 1Z	93-98		M/T		•							AN11280	22	30	53	90	49					11	2
1.9 TDi (66 kW) Eng. AHU/ ALE	93-98		M/T		•							AN11280	22	30	53	90	49					11	2
1.9 TDi (81 kW) Eng. AFN	96-98		M/T		•							AN11280	22	30	53	90	49					11	2
2.0 (85 kW) Eng. 2E/ ADY/ AGG/ AKR	91-98		A/T		•							AN11280	22	30	53	90	49					11	2
2.0 (85 kW) Eng. 2E/ ADY/ AGG/ AKR	91-98		M/T		•							AN11276	36	30	52,8	90	40					11	2
2.0 (85 kW) Eng. 2E/ ADY/ AGG/ AKR	91-98		M/T		•		Ch 1HS000001-, Australia/Japan, Eng. ADY, 2E					AN11280	22	30	53	90	49					11	2
2.8 VR6 (128 kW) Eng. AAA	1/92-9/98		M/T		•							AN11276	36	30	52,8	90	40					11	2
<b>Voyage '81-'95</b>																							
1.5	81-86				•		Brazil					AN34024	22	30	51	81	48					11	3
1.6	81-86				•		Brazil					AN34024	22	30	51	81	48					11	3
1.6	87-95				•		Brazil					AN34015	22	30	51	81	48					11	2
<b>VOLKSWAGEN LCV</b>																							
<b>Caddy I (14) '82-'92</b>																							
1.5 (51 kW) Eng. JB	82-83				•		Ch 14D000062-					AV34330		33		94							
1.6 (55 kW) Eng. EM/ EW	83-92				•		Ch 14D000062-					AV34330		33		94							
1.6 D (40 kW) Eng. JK/ ME	10/82-7/92				•		Ch 14D000062-					AV34330		33		94							
1.8 (70 kW) Eng. JH	85-92				•		Ch 14D000062-					AV34330		33		94							
<b>Caddy II (9K9) '95-'04</b>																							
1.4 (44 kW) Eng. AEX/ AKV/ APQ	95-				•							AV11320		33		92							
1.4 (44 kW) Eng. AUD	95-				•							AV11320		33		92							
1.4 16v (55 kW) Eng. AHW/ AKQ/ APE/ AUA	00-				•							AV11320		33		92							
1.6 (53-55 kW) Eng. 1F	95-				•							AV11320		33		92							
1.6 (55 kW) Eng. AEE	95-				•							AV11320		33		92							
1.9 TDi (66 kW) Eng. AHU/ ALE/ ALH	9/96-			•								AN11280	22	30	53	90	49					11	2
<b>Caddy II (9U7) Pick-Up '95-'04</b>																							
1.9 TDi (66 kW) Eng. AHU/ ALE	96-				•							AN11280	22	30	53	90	49					11	2
<b>Caddy III (2KA, KB) '04-</b>																							
1.4 16v (55 kW) Eng. BCA	04-				•							AN34222	36	30	59,6	89,9	40					13	2
1.4 16v (59 kW) Eng. BUD	06-				•							AN34220	36	30	59,5	90	40					13	2
1.6 (75 kW) Eng. BGU/ BSE/ BSF	04-				•							AN34220	36	30	59,5	90	40					13	2
1.9 TDi (55 kW) Eng. BSU	05-				•							AN34221	36	27	59,5	97,95	40,5					13	2
1.9 TDi (77 kW) Eng. BJB	04-				•							AN34221	36	27	59,5	97,95	40,5					13	2
2.0 EcoFuel (80 kW) Eng. BSX	06-				•							AN34220	36	30	59,5	90	40					13	2
2.0 SDi (51 kW) Eng. BDJ/ BST	04-				•							AN34220	36	30	59,5	90	40					13	2
2.0 TDi 16v (103 kW) Eng. BMM/ CFHC	07-				•							AN34220	36	30	59,5	90	40					13	2
<b>Transporter III '79-'92</b>																							
1.6 TD, Syncro (51 kW) Eng. JX	10/84-7/92						•	RWD, Ch 24F000001-24N015000				AV34332		28		108							
1.9 (44 kW) Eng. DF	10/84-7/92						•	RWD, Ch 24F000001-24N015000				AV34332		28		108							

MODEL	YEAR	TRANSM.	L/R	WS	GS	NOTE	ABS	ATTEX ref.	Technical Specifications									
									M/T Manual	A/T Autom.	A	B	C	D	E	F	H	I

### VOLKSWAGEN LCV

#### Transporter III '79-'92 (continued)

1.9 (61 kW) Eng. DH	10/84-89				•	RWD, Ch 24F000001-24N015000		AV34332		28		108							
1.9 (66 kW) Eng. GW	10/84-89				•	RWD, Ch 24F000001-24N015000		AV34332		28		108							
1.9, Syncro (44-57 kW) Eng. DF/ DG	10/84-7/92				•	RWD, Ch 24F000001-24N015000		AV34332		28		108							
2.1 i (68 kW) Eng. SS	89-7/92				•	RWD, Ch 24F000001-24N015000		AV34332		28		108							
2.1, Syncro (64 kW) Eng. SR	86-7/92				•	RWD, Ch 24F000001-24N015000		AV34332		28		108							
2.1, Syncro (70 kW) Eng. MV	85-7/92				•	RWD, Ch 24F000001-24N015000		AV34332		28		108							
2.1, Syncro (82 kW) Eng. DJ	85-7/92				•	RWD, Ch 24F000001-24N015000		AV34332		28		108							

#### Transporter IV (70XA/B/C/D, DB, 7DW) '90-'03

1.8 (49 kW) Eng. PD	12/90-7/92			•	-ABS, Ch 70M020359-70N200000		AN34022	38	33	60	98	34						13	2
1.8 (49 kW) Eng. PD	12/90-7/92			•	Ch 70M020359-70N200000		AV11318		33		108								
1.9 D (44-45 kW) Eng. 1X	7/94-12/94			•	+ABS, Ch 70S000001-70S061219	48	AN34019	38	27	60	103,9	34						13	2
1.9 D (44-45 kW) Eng. 1X	7/94-12/94			•	-ABS, Ch 70S000001-70S061219		AN34020	38	27	60	98	34						13	2
1.9 D (44-45 kW) Eng. 1X	9/90-7/94			•	-ABS, Ch 70M000001-70R136290		AN34022	38	33	60	98	34						13	2
1.9 D (44-45 kW) Eng. 1X	7/94-12/94			•	Ch 70S000001-70S061219		AV11317		28		108								
1.9 D (44-45 kW) Eng. 1X	9/90-7/94			•	Ch 70M000001-70R136290		AV11318		33		108								
1.9 TD (50 kW) Eng. ABL	10/92-7/94			•	-ABS, Ch 70P032051-70R136290		AN34022	38	33	60	98	34						13	2
1.9 TD (50 kW) Eng. ABL	7/94-			•	+ABS, Ch 70S000001-	48	AN34019	38	27	60	103,9	34						13	2
1.9 TD (50 kW) Eng. ABL	7/94-			•	-ABS, Ch 70S000001-		AN34020	38	27	60	98	34						13	2
1.9 TD (50 kW) Eng. ABL	10/92-7/94			•	Ch 70P032051-70R136290		AV11318		33		108								
1.9 TD (50 kW) Eng. ABL	7/94-			•	Ch 70S000001-		AV11317		28		108								
2.0 (62 kW) Eng. AAC	7/94-			•	+ABS, Ch 70S000001-	48	AN34019	38	27	60	103,9	34						13	2
2.0 (62 kW) Eng. AAC	7/94-			•	-ABS, Ch 70S000001-		AN34020	38	27	60	98	34						13	2
2.0 (62 kW) Eng. AAC	9/90-7/94	M/T+A/T		•	-ABS, Ch 70M000001-70R136290		AN34022	38	33	60	98	34						13	2
2.0 (62 kW) Eng. AAC	7/94-			•	Ch 70S000001-		AV11317		28		108								
2.0 (62 kW) Eng. AAC	9/90-7/94	M/T+A/T		•	Ch 70M000001-70R136290		AV11318		33		108								
2.4 D (55 kW) Eng. AJA	97-			•	+ABS		48	AN34019	38	27	60	103,9	34					13	2
2.4 D (55 kW) Eng. AJA	97-			•	-ABS		AN34020	38	27	60	98	34						13	2
2.4 D, Syncro (57 kW) Eng. AAB	7/94-	M/T+A/T		•	+ABS, Ch 70S000001-	48	AN34019	38	27	60	103,9	34						13	2
2.4 D, Syncro (57 kW) Eng. AAB	7/94-	M/T+A/T		•	-ABS, Ch 70S000001-		AN34020	38	27	60	98	34						13	2
2.4 D, Syncro (57 kW) Eng. AAB	9/90-7/94	M/T+A/T		•	Ch 70M000001-70R136290		AN34022	38	33	60	98	34						13	2
2.4 D, Syncro (57 kW) Eng. AAB	7/94-	M/T+A/T		•	Ch 70S000001-		AV11317		28		108								
2.4 D, Syncro (57 kW) Eng. AAB	9/90-7/94	A/T		•	Ch 70M000001-70R136290		AV11318		33		108								
2.5 (81 kW) Eng. AAF/ ACU	7/94-	M/T+A/T		•	+ABS, FWD, Ch 70S000001-	48	AN34019	38	27	60	103,9	34						13	2
2.5 (81 kW) Eng. AAF/ ACU	7/94-	M/T+A/T		•	-ABS, FWD, Ch 70S000001-		AN34020	38	27	60	98	34						13	2
2.5 (81 kW) Eng. AAF/ ACU	9/90-7/94	M/T+A/T		•	-ABS, Ch 70M000001-70R136290		AN34022	38	33	60	98	34						13	2
2.5 (81 kW) Eng. AAF/ ACU	7/94-	M/T+A/T		•	Ch 70S000001-		AV11317		28		108								
2.5 (81 kW) Eng. AAF/ ACU	9/90-7/94	M/T+A/T		•	Ch 70M000001-70R136290		AV11318		33		108								
2.5 (81 kW) Eng. AEN/ AEU	7/94-	M/T+A/T		•	+ABS, FWD, Ch 70S000001-	48	AN34019	38	27	60	103,9	34						13	2
2.5 (81 kW) Eng. AEN/ AEU	7/94-	M/T+A/T		•	-ABS, FWD, Ch 70S000001-		AN34020	38	27	60	98	34						13	2



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SEAT	Cordoba I (6K2/C2/6K5), Vario '93-'99
SEAT	Leon I (1M1) '99-'05
SEAT	Toledo I (1L) '91-'99
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AUDI	A3 I (8L1) '96-'03
SEAT	Leon I (1M1) '99-'05
SEAT	Toledo II (1M2) '99-'04
SKODA	Octavia II (1U2, 1U5), SW '96-'04
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VOLKSWAGEN	Corrado (53I) '88-'95
VOLKSWAGEN	Golf I (17, 155) '74-'93
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AUDI	80 III (89, 89Q, 8A, B3) '86-'92
AUDI	90 I (81, 85, B2) '84-'87
AUDI	Coupe I (81, 85) '80-'88
VOLKSWAGEN	Dasher '73-'81
VOLKSWAGEN	Fox '87-'91
VOLKSWAGEN	Gol / Parati / Saveiro '80-'00
VOLKSWAGEN	Golf II (19E, 1G1) '83-'92
VOLKSWAGEN	Jetta II (19E, 1G2) '84-'91
VOLKSWAGEN	Passat II (32B), Variant '80-'88
VOLKSWAGEN	Quantum I '85-'90
VOLKSWAGEN	Santana II (32B) '81-'84
VOLKSWAGEN	Voyage '81-'95
<b>AN34016</b>	
AUDI	A4 I (8D2, B5), Avant '95-'01
AUDI	A6 II (4B, C5), Avant '97-'05
SKODA	Superb I (3U4) '02-'08
VOLKSWAGEN	Passat IV (3B2, 3B5), Variant '96-'00
<b>AN34019</b>	
VOLKSWAGEN LCV	Transporter IV (70XA/B/C/D, DB, 7DW) '90-'03
<b>AN34020</b>	
VOLKSWAGEN LCV	Transporter IV (70XA/B/C/D, DB, 7DW) '90-'03
<b>AN34022</b>	
VOLKSWAGEN LCV	Transporter IV (70XA/B/C/D, DB, 7DW) '90-'03

<b>AN34024</b>	
AUDI	80 I (80, 82, B1) '72-'78
AUDI	80 II (81, 85, B2) '78-'86
AUDI	Fox '75-'79
VOLKSWAGEN	Dasher '73-'81
VOLKSWAGEN	Fox '87-'91
VOLKSWAGEN	Gol / Parati / Saveiro '80-'00
VOLKSWAGEN	Passat I (32, 33), Variant '73-'80
VOLKSWAGEN	Passat I (32, 33), Variant '73-'80
VOLKSWAGEN	Passat I (32, 33), Variant '73-'80
VOLKSWAGEN	Voyage '81-'95
<b>AN34206</b>	
FORD EUROPE	Galaxy I (VX, WGR, VY) '95-'06
SEAT	Alhambra I (7V8, 7V9) '96-'10
VOLKSWAGEN	Sharan I (7M8, 7M9) '95-'10
<b>AN34211</b>	
SEAT	Leon II (1P1) '05-
VOLKSWAGEN	Golf V (1K1), Variant '03-'08
VOLKSWAGEN	Golf V Plus (1KP) '05-'08
VOLKSWAGEN	Golf VI (5K1), Variant '08-
<b>AN34212</b>	
AUDI	A4 I (8D2, B5), Avant '95-'01
SKODA	Superb I (3U4) '02-'08
VOLKSWAGEN	Passat IV (3B2, 3B5), Variant '96-'00
VOLKSWAGEN	Passat V (3B3, 3B6), Variant '00-'05
<b>AN34220</b>	
AUDI	A3 II (8P1), Sportback '03-
AUDI	A3 II Cabrio '08-
AUDI	TT II (8J3,9), Roadster '06-
SEAT	Altea (5P1) / Altea XL '04-
SEAT	Leon II (1P1) '05-
SEAT	Toledo III (5P2) '04-
SEAT	Toledo III (5P2) '04-
SKODA	Octavia III (1Z3, 1Z5), SW '04-
VOLKSWAGEN	Golf V (1K1), Variant '03-'08
VOLKSWAGEN	Golf V Plus (1KP) '05-'08
VOLKSWAGEN	Touran (1T1) '03-
VOLKSWAGEN LCV	Caddy III (2KA, KB) '04-
<b>AN34222</b>	
AUDI	A3 II (8P1), Sportback '03-
SEAT	Altea (5P1) / Altea XL '04-
SEAT	Toledo III (5P2) '04-
SKODA	Octavia III (1Z3, 1Z5), SW '04-
VOLKSWAGEN	Golf V (1K1), Variant '03-'08
VOLKSWAGEN	Golf V Plus (1KP) '05-'08
VOLKSWAGEN	Touran (1T1) '03-
VOLKSWAGEN LCV	Caddy III (2KA, KB) '04-
<b>AN36102</b>	
CHEVROLET	Aveo II '08-
CHEVROLET	Kalos '05-
DAEWOO	Kalos (KLAS) '02-
<b>AN36103</b>	
DAEWOO	Espero (KLEJ) '91-'99
DAEWOO	Nexia (KLETN) '95-'97
DAEWOO	Racer '89-'95

## KIT INDEX / ИНДЕКС КОМПЛЕКТОВ

<b>AN36104</b>	
CHEVROLET	Lacetti '05-
CHEVROLET	Nubira, SW '05-
DAEWOO	Nubira (KLAJ), SW '97-
<b>AN37101</b>	
HYUNDAI	Getz (TB) '02-
<b>AN37104</b>	
HYUNDAI	Getz (TB) '02-
<b>AP27377</b>	
DACIA	Logan, MCV '04-
DACIA	Sandero '08-
<b>AP27378</b>	
DACIA	Logan, MCV '04-
DACIA	Sandero '08-
<b>ATT FI-814</b>	
LADA	Oka '87-'95
<b>ATT LD-001</b>	
LADA	110 '95-
LADA	111 '95-
LADA	112 '95-
LADA	Kalina (1117, 1118, 1119) '04-
LADA	Sagona
LADA	Samara, Forma (2108, 2109) '88-
<b>ATT LD-002</b>	
LADA	Niva I (2121) '76-
<b>ATT LD-501</b>	
LADA	Sagona
LADA	Samara, Forma (2108, 2109) '88-
<b>ATT LD-701</b>	
LADA	Niva I (2121) '76-
<b>ATT LD-702</b>	
LADA	Niva I (2121) '76-
<b>ATT MO-001</b>	
LADA	1200-1600 '70-'87
MOSKVICH	21412 '89-
<b>ATT MO-701</b>	
MOSKVICH	21412 '89-
<b>AV11317</b>	
VOLKSWAGEN LCV	Transporter IV (70XA/B/C/D, DB, 7DW) '90-'03
<b>AV11318</b>	
VOLKSWAGEN LCV	Transporter IV (70XA/B/C/D, DB, 7DW) '90-'03

<b>AV11320</b>	
AUDI	50 (86) '74-'78
SEAT	Cordoba I (6K2/C2/6K5), Vario '93-'99
SEAT	Ibiza II (6K1) '93-'99
VOLKSWAGEN	Derby I (86) '77-'81
VOLKSWAGEN	Derby II (86C, 80) '81-'88
VOLKSWAGEN	Golf I (17, 155) '74-'93
VOLKSWAGEN	Golf II (19E, 1G1) '83-'92
VOLKSWAGEN	Golf III (1H1) '91-'99
VOLKSWAGEN	Golf III (1H5) Variant '91-'99
VOLKSWAGEN	Jetta I (17) '79-'83
VOLKSWAGEN	Jetta II (19E, 1G2) '84-'91
VOLKSWAGEN	Kaefer '49-'03
VOLKSWAGEN	Passat I (32, 33), Variant '73-'80
VOLKSWAGEN	Passat II (32B), Variant '80-'88
VOLKSWAGEN	Passat III (3A2, 3A5, 35I), Variant '88-'97
VOLKSWAGEN	Polo III-IV (6KV2) Classic '95-'01
VOLKSWAGEN	Polo IV (6KV5) Variant '97-'01
VOLKSWAGEN	Rabbit '74-'76
VOLKSWAGEN	Rabbit Convertible '75-'84
VOLKSWAGEN	Santana II (32B) '81-'84
VOLKSWAGEN	Scirocco I (53) '74-'80
VOLKSWAGEN	Scirocco II (53B) '80-'92
VOLKSWAGEN	Vento (1H2) '91-'98
VOLKSWAGEN LCV	Caddy II (9K9) '95-'04
<b>AV34328</b>	
AUDI	80 II (81, 85, B2) '78-'86
AUDI	80 III (89, 89Q, 8A, B3) '86-'92
AUDI	80 IV (8C, B4), Avant '91-'96
AUDI	90 I (81, 85, B2) '84-'87
AUDI	90 II (89, 89Q, 8A, B3) '87-'91
AUDI	Coupe I (81, 85) '80-'88
VOLKSWAGEN	Passat II (32B), Variant '80-'88
<b>AV34330</b>	
AUDI	100 I (C1) '68-'76
AUDI	80 I (80, 82, B1) '72-'78
AUDI	80 II (81, 85, B2) '78-'86
AUDI	80 III (89, 89Q, 8A, B3) '86-'92
AUDI	80 IV (8C, B4), Avant '91-'96
AUDI	90 I (81, 85, B2) '84-'87
AUDI	90 II (89, 89Q, 8A, B3) '87-'91
AUDI	Coupe I (81, 85) '80-'88
AUDI	Fox '75-'79
SEAT	Cordoba I (6K2/C2/6K5), Vario '93-'99
SEAT	Ibiza II (6K1) '93-'99
SEAT	Toledo I (1L) '91-'99
VOLKSWAGEN	1500,1600 (31, 36), Variant '61-'73
VOLKSWAGEN	411,412, Variant '68-'75

<b>AV34332</b>	
ALFA ROMEO	166 (936) '98-
AUDI	100 II (43, C2), Avant '76-'83
AUDI	100 III (44, 44Q, C3), Avant '82-'91
AUDI	100 IV (4A, C4), Avant '90-'94
AUDI	200 I (43) '79-'82
AUDI	200 II (44, 44Q), Avant '83-'91
AUDI	80 II (81, 85, B2) '78-'86
AUDI	80 III (89, 89Q, 8A, B3) '86-'92
AUDI	80 IV (8C, B4), Avant '91-'96
AUDI	90 I (81, 85, B2) '84-'87
AUDI	90 II (89, 89Q, 8A, B3) '87-'91
AUDI	A4 I (8D2, B5), Avant '95-'01
AUDI	A6 I (4A, C4), Avant '94-'97
AUDI	A6 II (4B, C5), Avant '97-'05
AUDI	Cabrio (8G7, B4) '91-'00
AUDI	Coupe I (81, 85) '80-'88
AUDI	Coupe II (89, 8B) '88-'96
AUDI	Quattro (85) '80-'91
AUDI	V8 (D1) '88-'94
VOLKSWAGEN	Passat II (32B), Variant '80-'88
VOLKSWAGEN	Passat IV (3B2, 3B5), Variant '96-'00
VOLKSWAGEN LCV	Transporter III '79-'92

## COMPARISON TABLE / СРАВНИТЕЛЬНАЯ ТАБЛИЦА

OEM	ATTEX	OEM	ATTEX	LÖBRO	ATTEX	LÖBRO	ATTEX	METELLI	ATTEX	METELLI	ATTEX	RUVILLE	ATTEX	RUVILLE	ATTEX
0003300036	AN21147	4346009601	AN32168	301177	AV11318	303904	AN37104	15-1009	AN11280	15-1389	AN34206	75311	AN24271	76837S	AN23156
1111-2215012	ATT FI-814	44010ST7900	AN17316	301950	AN11295	304308	AN17317	15-1025	AN11302	15-1401	AN13271	75101S	AN21147	76838S	AN23157
113598101	AV34330	44014S10A50	AN17318	301951	AN11296	304325	AN34211	15-1026	AN12266	15-1430	AN15331	75214S	AN15217	76920S	AN32165
1142788	AN15331	44014S9A010	AN17317	301954	AN11274	304327	AN34220	15-1049	AN34024	15-1432	AN15330	75215S	AN15330	76921S	AN32166
1148219	AN15330	4410167D00	AN31270	301955	AN34016	304327	AN34222	15-1051	AN24098	15-1435	AN11304	75217S	AN15331	77301S	AN12266
1326260	AN15225	443498099D	AN11294	301957	AN11292	304329	AN34221	15-1056	AN24094	15-1462	AN34222	75304S	AN24098	77314S	AN22270
1345638	AN15226	495001C050	AN37101	301961	AN11290	304331	AN11304	15-1066	AN11298	15-1463	AN34221	75306S	AN24094	77428S	AN17316
1359663	AN15224	495001C250	AN37104	301963	AN34022	304384	AN24272	15-1081	ATT LD-001	15-1465	AN34211	75308S	AN24324	79002S	AN13405
1495537080	AN25257	4A0498099	AN11292	301992	AN32165	304507	AP27377	15-1091	AN11296	15-1467	AN34220	75325S	AN24272	79004S	AN36103
171498103B	AV11320	4A0498099C	AN11274	302024	AN11276	304509	AP27378	15-1096	AN34015	15-1475	AN23156	75403S	AN11280	79005S	AN13272
191498099B	AN11280	4D0498099	AN11290	302059	AN34024	304693	AN32168	15-1112	AN11295	15-1476	AN23157	75407S	AN34024	79007S	AN13271
1H0498099A	AN11276	701407331A	AV11318	302060	AN34015	304695	AN37101	15-1118	AN24324	15-1501	AN27380	75409S	AN34015	75411S	AN34022
1J0498099A	AN11279	701498099	AN34022	302069	AN24094	304803	AN23156	15-1119	AN11294	15-1504	AN24272	75414S	AN11276	75416S	AN34020
1K0407311F	AN34211	701498099B	AN34020	302073	AN12266	304820	AN23157	15-1120	AN25257	15-1508	AN23159	75417S	AN34019	75418S	AN11279
1K0407311J	AN34221	701498099C	AN34019	302128	AN11298	304983	AN15224	15-1122	AN11297	15-1510	AN15224	75419S	AN34212	75421S	AN34206
1K0407311L	AN34220	701498103A	AV11317	302129	AN11297	305176	AN15226	15-1123	AN34022	15-1513	AN36102	75427S	AN34222	75452S	AV11320
1K0498099A	AN34222	7M0498099	AN34206	302149	AN11302			15-1140	AN11274	15-1539	AN32168	75453S	AV34330	75454S	AV34328
2108-2215056	ATT LD-501	8200358164	AN27380	302169	AN24098			15-1174	AN11292	15-1540	AN31270	75455S	AV34332	75456S	AV11318
2110-2215012	ATT LD-001	8200444438	AP27377	302177	AN11280			15-1184	ATT MO-001	15-1541	AN37101	75459S	AV11317	75459S	AV11317
2121-2215012	ATT LD-002	8200484373	AP27378	302181	AN11294			15-1189	AN11276	15-1545	AN37104	75460S	AN20207	75460S	AN11295
2121-2215056	ATT LD-702	893498099E	AN11298	302229	AV11320			15-1223	ATT LD-002	15-1563	AN15226	75464S	AV34328	75465S	AV34332
2121-2215057	ATT LD-701	893498099G	AN11297	302232	AV34330			15-1229	AN34019	15-1603	AN20207	75466S	AV11318	75467S	AV11318
251598101A	AV34332	893498099H	AN11296	302247	AV34328			15-1230	AN34020	15-1640	AN15225	75468S	AV34330	75469S	AV11317
26013813	AN13405	893498099M	AN11295	302287	AV34332			15-1234	AN13405	15-1656	AN36104	75470S	AN11302	75470S	AN11294
321498099	AN34024	893498103	AV34328	302447	AN34019			15-1239	AN34016	15-1679	AN17317	75701S	AN11302	75702S	AN11298
321498099A	AN34015	8D0498099	AN34016	302464	AV11317			15-1241	AN11279	15-1684	AN17318	75703S	AN11296	75705S	AN11295
3667429	AN15217	8E0498099	AN11304	302789	AN23152			15-1248	AN23152	16-1003	AV11320	75706S	AN11294	75708S	AN11297
374175	AN24094	90334948	AN24098	302803	AN13405			15-1255	AN17316	16-1004	AV34330	75711S	AN11274	75712S	AN11292
374263	AN24324	90538427	AN24271	302861	AN24324			15-1267	AN11290	16-1010	AV34328	75717S	AN11290	75718S	AN34016
392112F025	AN23153	93182575	AN24272	302961	AN11279			15-1279	AN36103	16-1014	AV34332	75726S	AN11304	75817S	AN25257
392112F225	AN23154	96160589	AN36103	303095	AN21147			15-1280	AN13272	16-1015	ATT MO-701	76819S	AN23152	76834S	AN23153
3921160Y00	AN23152	96257803	AN13271	303098	AN25257			15-1287	AN24271	16-1019	AV11318	76835S	AN23154		
39211AU325	AN23159	96273571	AN13272	303339	AN13272			15-1298	AN21147	16-1024	AV11317				
39211BM526	AN23157	96273760	AN36104	303358	AN24271			15-1329	AN22270	16-1028	ATT LD-501				
39211BM726	AN23156	96348790	AN36102	303380	AN23153			15-1341	ATT FI-814	17-0637	AP27377				
3B0498099D	AN34212	FG0125500D	AN20207	303447	AN23154			15-1346	AN32165	17-0638	AP27378				
431498099E	AN11302	M2141-2215012	ATT MO-001	303450	AN34020			15-1347	AN32166						
4341012191	AN32166	M2141-2215056	ATT MO-701	303509	AN34206			15-1348	AN23153						
4341012660	AN32169	MB526454	AN12266	303605	AN34212			15-1349	AN23154						
4341012670	AN32170	MB837265	AN22270	303892	AN13271			15-1354	AN15217						
4342012250	AN32165			303900	AN36102			15-1375	AN34212						



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