

VOLKSWAGEN/AUDI

PASSENGER CAR & TRUCK

ENGINE	YEAR	CYL.	LINE NO.
1192cc 30, 34 HP, 1285cc F	1954-66	L4	1
1457cc (1.5L) SOHC FI 8V EH, FX	1978-80	L4	2
1471cc (1.5L) SOHC Gas (XR-XZ, FC, FG) & Diesel (CK)	1974-80	L4	3
1588cc (1.6L) SOHC Gas FI 8V EE EJ YG YH YK	1976-80	L4	4
1588cc (1.6L) SOHC Diesel T 8V Vin F-H CR CS CY JK	1981-92	L4	5
1599cc (1.6L) 8V BAH (Non-USA)	2000-10	L4	6
1600cc (1.6L) 8V (Non-USA)	1971-03	L4	7
1679cc (1.7L)	1971-73	L4	8
1715cc (1.7L) SOHC 8V Vin A, B, EN, JF, WT	1981-84	L4	9
1760 (1.8L) Gas Carb ZT, ZY	1970-73	L4	10
1780cc (1.8L) SOHC 8V Vin A-C,K,2H,ABG,GX,HT,JH,JN	1982-97	L4	11
1780cc (1.8L) DOHC 16V PL Vin B, C	1986-89	L4	12
1781cc (1.8L) Turbo DOHC 20V AEB, ATW,AW/M/V/W 1.8L AP (Non-USA)	1997-06 1989-93	L4 L4	13 14
1871cc (1.9L) SOHC Carb. & F.I.	1972-77	L4	15
1896cc (1.9L) SOHC Diesel 8V Vin F, AHU,ALH,BEW,BRM	1996-06	L4	16
1915cc (1.9L) OHV 8V Vin B DH	1983-85	H4	17
1968cc (2.0L) SOHC 16V Turbo Diesel	2009-11	L4	18
1983cc (2.0L) SOHC 8V Vin A,B,3A	1988-90	L4	19
1984cc (2.0L) SOHC Audi 3A	1988-90	L4	20
1984cc (2.0L) DOHC 16V Vin B,C,E, J,9A	1990-93	L4	21
1984cc (2.0L) SOHC 8V Vin A-C,L,R ABA, AEG, AVH, AZG	1993-06	L4	22
1984cc (2.0L) SOHC 16V	2006-11	L4	23
1984cc (2.0L) SOHC 8V EA113	2010-11	L4	24
1986cc (2.0L) SOHC Diesel & Turbo 10V Vin G,H,CN,DE	1979-84	L5	25
2109cc (2.1L) OHV Vin B MV	1986-92	H4	26
2144cc (2.2L) SOHC 10V KH, WD, WE, WK, WU, Turbo	1977-85	L5	27
2226cc (2.2L) SOHC & Turbo 10V Vin B-E, JT, KZ,MC	1985-88	L5	28
2226cc (2.2L) DOHC 20V Turbo Vin A, P, R, AAN	1992-96	L5	29
2309cc (2.3L) SOHC 10V Vin B, C, D, NF, NG	1987-92	L5	30
2309cc (2.3L) DOHC 20V Vin E, 7A	1990-91	L5	31
2459cc (2.5L) SOHC 10V Vin C, D, E, AAF, ACU	1993-95	L5	32
2480cc (2.5L) DOHC 20V BG, BP	2005-11	L5	33
2461cc (2.5L) SOHC 10V (Non-USA)	1997-06	S5	34
2671cc (2.7L) DOHC 30V Turbo APB, BEL Vin D, P	2000-05	V6	35
2771cc (2.8L) DOHC SOHC 12V Vin A-C, E,J-L, AAH, AFC	1992-98	V6	36
2771cc (2.8L) DOHC 30V Vin A, D, H, AHA,ATQ,AMX	1998-05	V6	37
2792cc (2.8L) SOHC 12V Vin D,E,F, AAA,AES, AFP,VR6	1992-05	V6	38
2792cc (2.8L) DOHC 24V AFP, AMV, AXK, BDF	2002-05	V6	39
2967cc (3.0L) DOHC 24V Diesel	2010-11	V6	40
2976cc (3.0L) DOHC 30V Vin T, AVK BGN	2002-06	V6	41
2995cc (3.0L) DOHC 24V Supercharged DI	2009-11	V6	42
3189cc (3.2L) DOHC 24V BHE,BJS,BMX,BUB	2004-09	V6	43
3562cc (3.6L) DOHC 32V Vin E, PT	1990-91	V8	44
3697cc (3.7L) DOHC 32V AEW	1997-99	V8	45
3952cc (4.0L) SOHC 24V (Chrysler)	2009-11	V6	46
4172cc (4.2L) DOHC 32V Vin L, W, ABH	1992-94	V8	47
4172cc (4.2L) DOHC 32V	2010-11	V8	48
4172cc (4.2L) DOHC 40V AQF, AQG, ARS	1997-10	V8	49

COMPONENT	I/E/B	YEARS	PART No.	NOTES
LINE 1				1192cc 30, 34 HP, 1285cc F 1954-66 L4 BORE - 3.031"/77mm
Guide	Both	1960-66	30-6097	2.625 OAL. 0.3155 I.D. 0.475 O.D.
	Both	1960-66	31-8202	2.400 OAL. 0.3149 I.D. 0.475 O.D. Mang. Bronze

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COMPONENT	I/E/B	YEARS	PART No.	NOTES
LINE 1	1192cc 30, 34 HP, 1285cc F		1954-66 L4	BORE - 3.031"/77mm
Keeper	Both	1960-66	34-619	Heat Treated. 3 Groove.
LINE 2	1457cc (1.5L) SOHC FI 8V EH, FX		1978-80 L4	BORE - 79.5mm/3.13"
Valve	Exh	1978-80	10-10006	1.226 Head Dia.
	Int	1980-80	10-10007	1.337 Head Dia.
Valve Seat Insert	Exh	1978-80	21-1312-50	1.086T I.D. 1-5/16 O.D. 0.305 Depth
	Exh	1978-80	21-1312-56	1.086 I.D. 1-5/16 O.D. 0.305 Depth. Straight I.D.
	Int	1978-80	21-1437-50	1.140T I.D. 1-7/16 O.D. 0.305 Depth
Guide	Both	1978-80	30-7359	1.435 OAL. +2 O/S Avail.
	Both	1978-80	31-7359	1.450 OAL. 0.4755 O.D. 0.3150 I.D. Mang. Bronze
Spring	Both	1978-80	32-1106	1.610 Free Length. Outer
	Both	1978-80	32-1107	1.390 Free Length. Inner
Keeper	Both	1978-80	34-224	1 Groove
Valve Stem Seal	Both	1978-80	38-3995-55	Viton. Metal Clad.
Water Pump		1979-80	90-9065	79-80: Westmoreland Built Rabbit w/ A/C. w/ 30mm Hub.
		1978-80	90-9066	79-80: All German Built Rabbit, Westmoreland Built Rabbit w/o A/C. 78-79: Scirocco. 78: All Rabbit. w/ 40mm Hub.
Expansion Plug Kit		1978-80	97-28	Steel Kit. Brass Kit Avail. In Suffix B
LINE 3	1471cc (1.5L) SOHC Gas (XR-XZ, FC, FG) & Diesel (CK)		1974-80 L4	BORE - 76.5mm/3.01"
Valve	Exh	1973-76	10-10006	1.226 Head Dia.
	Exh	1977-80	10-10369S	1.232 Head Dia.
	Int	1973-76	10-10007	1.337 Head Dia.
	Int	1977-80	10-10366	1.343 Head Dia.
Valve Seat Insert	Exh	1974-80	21-1312-50	1.086T I.D. 1-5/16 O.D. 0.305 Depth
	Exh	1974-80	21-1312-56	1.086 I.D. 1-5/16 O.D. 0.305 Depth. Straight I.D.
	Int	1974-80	21-1437-50	1.140T I.D. 1-7/16 O.D. 0.305 Depth
Guide	Both	1974-80	30-7359	1.435 OAL. +2 O/S Avail.
	Both	1973-80	31-7359	1.450 OAL. 0.4755 O.D. 0.3150 I.D. Mang. Bronze
Spring	Both	1974-80	32-1106	1.610 Free Length. Outer
	Both	1974-80	32-1107	1.390 Free Length. Inner
Keeper	Both	1974-80	34-224	1 Groove
Valve Stem Seal	Both	1973-80	38-3995-55	Viton. Metal Clad.
Water Pump		1979-80	90-9065	79-80: Westmoreland Built Rabbit w/ A/C. w/ 30mm Hub.
		1974-80	90-9066	79-80: Dasher, German Built Rabbit, Westmoreland Built Rabbit w/o A/C. 77-78: All Rabbit. w/ 40mm Hub. 74-76: Dasher. 75: All Rabbit, Scirocco. w/ 40mm Hub.
LINE 4	1588cc (1.6L) SOHC Gas FI 8V EE EJ YG YH YK		1976-80 L4	BORE - 79.5mm/3.13"
Valve	Exh	1975-80	10-10006	1.226 Head Dia.
	Int	1975-80	10-10007	1.337 Head Dia.
Valve Seat Insert	Exh	1976-80	21-1312-50	1.086T I.D. 1-5/16 O.D. 0.305 Depth
	Exh	1976-80	21-1312-56	1.086 I.D. 1-5/16 O.D. 0.305 Depth. Straight I.D.
	Int	1976-80	21-1437-50	1.140T I.D. 1-7/16 O.D. 0.305 Depth
Guide	Both	1976-80	30-7359	1.435 OAL. +2 O/S Avail.
	Both	1975-80	31-7359	1.450 OAL. 0.4755 O.D. 0.3150 I.D. Mang. Bronze
Spring	Both	1976-80	32-1106	1.610 Free Length. Outer
	Both	1976-80	32-1107	1.390 Free Length. Inner

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COMPONENT	I/E/B	YEARS	PART No.	NOTES
LINE 4	1588cc (1.6L) SOHC Gas FI 8V EE EJ YG YH YK		1976-80 L4	BORE - 79.5mm/3.13"
Keeper	Both	1976-80	34-224	1 Groove
Valve Stem Seal	Both	1976-80	38-3995-55	Viton. Metal Clad.
Water Pump		1980-80	90-9065	80: Westmoreland Built Rabbit w/ A/C. w/ 30mm Hub.
		1976-80	90-9066	80: Jetta. 79-80: German Built Rabbit, Westmoreland Built Rabbit w/o A/C. 76-80: Dasher. 76-77: All Rabbit, Scirocco. 75-79: Fox. 80-81: 4000 w/ 40mm Hub
LINE 5	1588cc (1.6L) SOHC Diesel T 8V Vin F-H CR CS CY JK		1981-92 L4	BORE - 75.2mm/3.13"
Valve	Exh	1986-92	10-10365S	1.232 Head Dia. 3 Groove. 3.744OAL. 1V & MF Eng. Only
	Exh	1981-85	10-10369S	1.232 Head Dia. 1 Groove
	Exh	1981-85	10-10370S	1.232 Head Dia. 3 Groove
	Int	1981-85	10-10366	1.343 Head Dia. 1 Groove
	Int	1981-85	10-10367	1.343 Head Dia. 3 Groove
Valve Seat Insert	Exh	1981-92	21-1312-50	1.086T I.D. 1-5/16 O.D. 0.305 Depth
	Exh	1981-92	21-1312-56	1.086 I.D. 1-5/16 O.D. 0.305 Depth. Straight I.D.
	Int	1981-92	21-1437-50	1.140T I.D. 1-7/16 O.D. 0.305 Depth
Guide	Both	1981-92	30-7359	1.435 OAL. +2 O/S Avail.
	Both	1981-84	31-7359	1.450 OAL. 0.4755 O.D. 0.3150 I.D. Mang. Bronze
Spring	Both	1981-92	32-1106	1.6410 Free Length. Outer
	Both	1981-92	32-1107	1.323 Free Length. Inner
Keeper	Both	1981-85	34-224	1 Groove
	Both	1981-92	34-619	Heat Treated. 3 Groove.
Lifter	Both	1986-92	36-2251	Hydraulic Bucket
Valve Stem Seal	Both	1981-92	38-3995-55	Viton. Metal Clad.
Water Pump		1981-85	90-9065	85: Quantum Turbo. 82-85: Quantum. 81-84: Rabbit (83-84 & Turbo). 82: Jetta (& Turbo) From Chassis # 16C630001 To # 16E103369). Audi 4000 Diesel To Chassis # 81E-088-0000 w/ 30mm Hub
		1981-84	90-9066	82-84: Vanagon/Syncro, Campmobile. 81-82: Jetta (& Turbo) To Chassis # 16C630000. 81: Dasher. w/ 40mm Hub.
LINE 6	1599cc (1.6L) 8V BAH (Non-USA)		2000-10 L4	BORE -
Valve	Exh	2000-10	10-3191	1.102 Head Dia. 0.234 Stem. 3 Groove. Lupo, Gol, Polo, Cross Fox, Seat Cordoba, Ibiza
	Int	2000-10	10-3190	1.358 Head Dia. 0.235 Stem. 3 Groove. Lupo, Gol, Polo, Cross Fox, Seat Cordoba, Ibiza
LINE 7	1600cc (1.6L) 8V (Non-USA)		1971-03 L4	BORE - 85.5mm/3.37"
Valve	Exh	1971-76	10-09541	1.255 Head Dia. 3 Groove
	Exh	1971-03	10-09561	1.177 Head Dia. '71-75 High Compression. '92-03. 3 Groove
	Exh	1976-92	10-09562	1.256 Head Dia. 3 Groove
	Int	1971-74	10-09540	1.398 Head Dia. 3 Groove
	Int	1975-03	10-09560	1.299 Head Dia. 3 Groove
LINE 8	1679cc (1.7L)		1971-73 L4	BORE - 90mm/3.543"
Guide	Exh	1971-73	31-7473	2.400 OAL. 0.3536 I.D. 0.514 O.D. Mang. Bronze
	Int	1971-73	31-8206	2.400 OAL. 0.3149 I.D. 0.514 O.D. Mang. Bronze
Keeper	Both	1971-73	34-619	Heat Treated. 3 Groove.
LINE 9	1715cc (1.7L) SOHC 8V Vin A, B, EN, JF, WT		1981-84 L4	BORE - 79.5mm/3.13"
Valve	Exh	1981-84	10-10006	1.226 Head Dia. 1 Groove
	Exh	1981-84	10-10364S	1.232 Head Dia. 3 Groove

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COMPONENT	I/E/B	YEARS	PART No.	NOTES
LINE 9	1715cc (1.7L) SOHC 8V Vin A, B, EN, JF, WT		1981-84 L4	BORE - 79.5mm/3.13"
Valve	Int	1981-84	10-10007	1.337 Head Dia. 1 Groove
	Int	1981-84	10-10363	1.338 Head Dia. 3 Groove
Valve Seat Insert	Exh	1981-84	21-1312-50	1.086T I.D. 1-5/16 O.D. 0.305 Depth
	Exh	1981-84	21-1312-56	1.086 I.D. 1-5/16 O.D. 0.305 Depth. Straight I.D.
	Int	1981-84	21-1437-50	1.140T I.D. 1-7/16 O.D. 0.305 Depth
Guide	Both	1981-84	30-7359	1.435 OAL. +2 O/S Avail. Exc. 1982-84 Exh.
	Exh	1982-84	30-7852	1.670 OAL. 0.3145 I.D. +2 O/S Avail.
Spring	Both	1981-84	32-1106	1.6410 Free Length. Outer
	Both	1981-84	32-1107	1.323 Free Length. Inner
Keeper	Both	1981-84	34-224	1 Groove
	Both	1981-84	34-619	Heat Treated. 3 Groove.
Valve Stem Seal	Both	1981-84	38-3995-55	Viton. Metal Clad.
Water Pump	1981-84	90-9065	81-84: Jetta (81 w/ A/C, 82 To Chassis # 16E103369), Rabbit w/ A/C (83-84 w/ Power Steering). 82-83: Rabbit Convertible, Quantum. 81-83: Scirocco (81 w/ A/C). 81: Westmoreland Built Rabbit Convertible w/ A/C. 81: Audi From Chassis # 81B-149-001 w/ 30mm Hub.	
	1981-84	90-9066	81-84: Rabbit w/o A/C (83-84 w/o Power Steering). 81-83: Scirocco (81 w/o A/C). 81: Jetta, Westmoreland Built Rabbit Convertible w/o A/C. 81: Audi To Chassis # 81B-149-000. w/ 40mm Hub.	
LINE 10	1760 (1.8L) Gas Carb ZT, ZY		1970-73 L4	BORE - 81.5mm/3.21"
Valve Seat Insert	Exh	1970-73	21-1437-59	1.180T I.D. 1-7/16 O.D. 0.305 Depth.
	Int	1970-73	21-1562-65	1.300T I.D. 1-9/16 O.D. 0.315 Depth
LINE 11	1780cc (1.8L) SOHC 8V Vin A-C,K,2H,ABG,GX,HT,JH,JN		1982-97 L4	BORE - 81mm/3.19"
Valve	Exh	1986-87	10-10352S	1.311 Head Dia. Stellite Faced RD Engine
	Exh	1985-92	10-10356S	1.305 Head Dia. Engines: 2H, ACC, GX, HT, JH, JN, MZ, PF, RD, RV
	Exh	1985-87	10-10360S	1.311 Head Dia. Stellite Faced JH Engine
	Int	1985-92	10-10158S	1.555 Head Dia. Engines PG, 2H, ABG, PF
	Int	1985-93	10-10350S	1.579 Head Dia. Engines 2H, HT, JH, MG, PF, PG, RD, RV
	Int	1985-88	10-10351	1.575 Head Dia. JH Engine
	Int	1984-96	10-10358S	1.500 Head Dia. Engines ACC, GX, RD, JN, UM, RV
	Valve Seat Insert	Exh	1983-92	21-1375-55
Int		1983-92	21-1625-50	1.340T I.D. 1-5/8 O.D. 0.307 Depth
Guide	Both	1983-92	30-7359	1.435 OAL. +2 O/S Avail.
	Both	1984-84	30-7713	1.810 OAL. +2 O/S Avail.
	Both	1983-84	30-7852	1.670 OAL. +2 O/S Avail.
Spring	Both	1983-92	32-1106	1.641 Free Length. Outer
	Both	1983-92	32-1107	1.323 Free Length. Inner
Keeper	Both	1983-92	34-619	Heat Treated. 3 Groove.
Lifter	Both	1983-92	36-2251	Hydraulic Bucket
Valve Stem Seal	Both	1983-92	38-3995-55	Viton. Metal Clad. Exc. PL Eng.
Water Pump	1983-94	90-9065	85-94: Cabriolet. 87-93: Fox. 89-92: Corrado. 83-92: Jetta. 85-89, 93-94: Golf. 84-88: Scirocco. 84-87: Audi 4000 From Chassis # 81E-088-001. 84-85: Quantum. 83-84: Rabbit (84 Convertible) w/ 30mm Hub.	
	1982-97	97-130	Steel Kit. Brass Kit Avail. In Suffix B	
LINE 12	1780cc (1.8L) DOHC 16V PL Vin B, C		1986-89 L4	BORE - 81mm/3.189"
Valve	Int	1986-89	10-10353S	1.264 Head Dia.
Valve Seat Insert	Exh	1986-89	21-1125-54	0.900 I.D. 1-1/8 O.D. 0.325 Depth

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COMPONENT	I/E/B	YEARS	PART No.	NOTES
LINE 12	1780cc (1.8L) DOHC 16V PL Vin B, C		1986-89 L4	BORE - 81mm/3.189"
Valve Seat Insert	Int	1986-89	21-1312-64	1.045 I.D. 1-5/16 O.D. 0.316 Depth.
Guide	Both	1986-89	30-7359	1.435 OAL. +2 O/S Avail.
	Both	1987-89	30-8139	0.2765 I.D. 0.4763 O.D. 1.488 Length
Lifter	Both	1987-89	36-2251	Hydraulic Bucket
Valve Stem Seal	Both	1986-89	38-978-55	Viton. Metal Clad.
Water Pump		1986-89	90-9065	89: Golf G.T.I. 87-89: Jetta. 86-88: Scirocco. w/ 30mm Hub.
Expansion Plug Kit		1986-89	97-130	Steel Kit. Brass Kit Avail. In Suffix B
LINE 13	1781cc (1.8L) Turbo DOHC 20V AEB, ATW,AW/M/V/W		1997-06 L4	BORE - 81.0mm/3.19"
Valve	Exh	1997-06	10-10803S	1.177 Head Dia. 0.157 Tip to Groove
	Exh	1997-06	10-10805S	1.177 Head Dia. 0.222 Tip to Groove
	Int	1997-06	10-10804S	1.058 Head Dia. 0.235 Stem
Valve Seat Insert	Exh	1997-06	21-1250-54	1.010T I.D. 1-1/4 O.D. 0.257 Depth. May Need To Be Machined 0.020 - 0.030"
	Int	1997-06	21-1125-53	0.890T I.D. 1-1/8 OD 0.2370 Depth. Seat May Need To Be Machined 0.020 - 0.030".
Guide	Both	1997-06	31-03419	Manganese Bronze 1.415 OAL
Spring	Exh	1997-06	32-04036	1.725 Free Length
	Int	1997-06	32-04035	1.615 Free Length
Keeper	Both	1997-06	34-5021	3 Round Grooves
Lifter	Exh	1997-06	36-7075	Hydraulic Bucket
	Int	1997-06	36-7076	Hydraulic Bucket
Valve Stem Seal	Both	1997-06	38-9675-45	Viton. Metal Clad.
Water Pump		1999-06	90-9377	01-06: A4, Quattro (w/ pressed on pulley). 99-06: Golf. 99-05: Beetle, Jetta, TT, TT Quattro. 00-05: Passat (w/ pressed on pulley).
		1997-00	90-9401	98-01: Passat, Syncro (w/ Bolt-On Pulley). 97-00: A4, A4 Quattro w/ Bolt On Pulley.
LINE 14	1.8L AP (Non-USA)		1989-93 L4	BORE - 81mm/3.189"
Valve	Exh	1989-93	10-09599	1.299 Head Dia. 3 Groove. Derby, Golf, Jetta GL
	Int	1989-93	10-09658	1.496 Head Dia. 3 Groove. Derby, Golf, Jetta GL
LINE 15	1871cc (1.9L) SOHC Carb. & F.I.		1972-77 L4	BORE - 84mm/3.307"
Valve Seat Insert	Exh	1972-77	21-1437-59	1.180T I.D. 1-7/16 O.D. 0.305 Depth.
	Int	1972-77	21-1562-65	1.300T I.D. 1-9/16 O.D. 0.315 Depth
LINE 16	1896cc (1.9L) SOHC Diesel 8V Vin F, AHU,ALH,BEW,BR		1996-06 L4	BORE - 79.5mm/3.13"
Valve	Exh	1998-06	10-10732S	1.238 Head Dia. 7mm Stem. 3.813 Length
	Int	1998-06	10-10731	1.415 Head Dia. 7mm Stem 3.813 Length
Guide	Both	1996-97	30-7359	1.435 OAL. +2 O/S Avail. w/ 8 mm Stem.
	Both	1998-06	30-8139	1.488 OAL
	Both	1998-06	31-8139	1.495 OAL w/ 7 mm Stem. Manganese Bronze
Valve Stem Seal	Both	1998-06	38-978-55	Viton. Metal Clad
Water Pump		2004-06	90-6034	04-06: Golf, Beetle. 04-05: Jetta.
		1996-99	90-9065	99: Golf, Golf GTI (bolt on pulley), Jetta (to chassis # 1-HX-245-000, bolt on pulley). 98: Jetta. 96-97: Jetta (Canada). 97: Passat, Syncro.
		1998-98	90-9335	Passat, Syncro.
		1998-04	90-9378	98-04: Beetle. 99-04: Golf. 99-04: Jetta. 99: Golf, Golf GTI, Jetta (from chassis # 9-MX-000-001) w/ pressed on pulley.

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COMPONENT	I/E/B	YEARS	PART No.	NOTES
LINE 17	1915cc (1.9L) OHV 8V Vin B DH		1983-85 H4	BORE - 94mm/3.70"
Valve	Exh	1983-85	10-10349S	1.339 Head Dia.
	Int	1983-85	10-10348	1.575 Head Dia.
Valve Seat Insert	Exh	1983-85	21-1437-61	1.162 I.D. 1-7/16 O.D. 0.310 Depth
	Int	1983-85	21-1625-50	1.340T I.D. 1-5/8 O.D. 0.307 Depth
Guide	Int	1983-85	30-6097	2.625 OAL
Keeper	Both	1983-85	34-619	Heat Treated. 3 Groove.
LINE 18	1968cc (2.0L) SOHC 16V Turbo Diesel		2009-11 L4	BORE - 81mm/3.19"
Water Pump		2009-10	90-6034	10: A3. 09-10: Jetta TDI
LINE 19	1983cc (2.0L) SOHC 8V Vin A,B,3A		1988-90 L4	BORE - 84.1mm/3.31"
Valve	Exh	1988-90	10-10356S	1.305 Head Dia. Stellite
	Int	1988-90	10-10158S	1.555 Head Diameter, Stellite Face
Valve Seat Insert	Exh	1988-90	21-1375-55	1.120 I.D. 1-3/8 O.D. 0.325 Depth.
	Int	1988-90	21-1625-50	1.340t I.D., 1 5/8 O.D.,0.3070 Depth
Guide	Both	1988-90	30-7359	0.3155 I.D., 0.4765 O.D., 1.435 Length
Keeper	Exh	1988-90	34-619	Heat Treated. 3 Groove.
Lifter			36-2236	Hydraulic Bucket OEM# 17089102,017105951
			36-2251	Hydraulic Bucket OEM# 34109309AD
Valve Stem Seal	Both	1988-90	38-3995-55	Viton. Metal Clad.
LINE 20	1984cc (2.0L) SOHC Audi 3A		1988-90 L4	BORE - 82.5mm/3.248"
Valve	Exh	1988-90	10-10356S	1.305 Head Dia. Stellite
	Int	1988-90	10-10158S	1.555 Head Dia.
Valve Seat Insert	Exh	1988-90	21-1375-55	1.120 I.D. 1-3/8 O.D. 0.325 Depth.
	Int	1988-90	21-1625-50	1.340T I.D. 1-5/8 O.D. 0.307 Depth
Guide	Both	1988-90	30-7359	1.435 OAL. +2 O/S Avail.
Keeper	Exh	1988-90	34-619	Heat Treated. 3 Groove.
Valve Stem Seal	Both	1988-90	38-3995-55	Viton. Metal Clad.
Water Pump		1988-90	90-9065	80, 90, Jetta w/ 30mm hub
LINE 21	1984cc (2.0L) DOHC 16V Vin B,C,E, J,9A		1990-93 L4	BORE - 82.5mm/3.25"
Valve	Exh	1990-93	10-10355S	1.102 Head Dia. Vin J To Chassis # 31P16001
	Int	1990-93	10-10353S	1.264 Head Dia. To Chassis # 31P16001
Valve Seat Insert	Exh	1990-93	21-1125-54	0.900 I.D. 1-1/8 O.D. 0.325 Depth
	Int	1990-93	21-1312-64	1.045 I.D. 1-5/16 O.D. 0.316 Depth.
Guide	Both	1990-93	30-8139	1.488 OAL
	Both	1990-93	30-8558	1.435 OAL
Lifter	Both	1990-93	36-2251	Hydraulic Bucket
Valve Stem Seal	Both	1990-93	38-978-55	Viton. Metal Clad.
Water Pump		1990-93	90-9065	Golf GTI, Jetta, Passat
LINE 22	1984cc (2.0L) SOHC 8V Vin A-C,L,R ABA, AEG, AVH, AZ 1993-06 L4		1993-06 L4	BORE - 82.5mm/3.25"
Valve	Exh	1993-06	10-10734S	1.295 Head Dia. 0.108 Tip To Groove
	Int	1993-06	10-10733	1.555 Head Dia. 0.135 Tip To Groove
Guide	Both	1993-06	30-8558	1.435 OAL
Lifter	Both	1993-98	36-2251	Hydraulic Bucket. 96-98 Hi-Volume
	Both	1996-06	36-2295	Hydraulic Bucket. 96-98 Low-Volume

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COMPONENT	I/E/B	YEARS	PART No.	NOTES
LINE 22	1984cc (2.0L) SOHC 8V Vin A-C,L,R ABA, AEG, AVH, AZ 1993-06 L4			BORE - 82.5mm/3.25"
Valve Stem Seal	Both	1993-06	38-978-55	Viton. Metal Clad.
Water Pump		1993-02	90-9065	01-02: Cabrio to Vin # 1VY802160. 95-99: Golf, Jetta, Cabrio. 95-97: Passat/Syncro. 30mm Hub. . 93-98: Golf, Golf GTI w/ 30mm Hub. 99: Golf, Golf GTI Bolt on Pulley. 99: Jetta Bolt on Pulley. 97-98: Jetta w/ 30mm Hub).
		1998-06	90-9377	99-06: Golf. 99-05: Jetta. 98-05: Beetle. (99 w/ pressed on cogged pulley)
LINE 23	1984cc (2.0L) SOHC 16V			2006-11 L4 BORE - 82.5mm/3.25"
Valve	Exh	2006-09	10-3095	1.102 Head Dia. 0.235 Stem. Jetta, Passat
	Int	2006-09	10-3094	1.331 Head Dia. 0.235 Stem. Jetta, Passat
Guide	Both	2006-09	30-3251	
Lifter	Both	2006-09	36-7092	Hydraulic
Valve Stem Seal	Both	2006-09	38-6112-55	Viton. Metal Clad
LINE 24	1984cc (2.0L) SOHC 8V EA113			2010-11 L4 BORE - 82.5mm/
No Parts Available		2010-11	00	11: Jetta. 10: Jetta A4, New Beetle, Jetta NF
LINE 25	1986cc (2.0L) SOHC Diesel & Turbo 10V Vin G,H,CN,DE 1979-84 L5			BORE - 76.5mm/3.01"
Valve	Exh	1979-81	10-10369S	1.232 Head Dia. 1 Groove
	Exh	1979-84	10-10370S	1.232 Head Dia. 3 Groove
Valve Seat Insert	Exh	1979-84	21-1312-50	1.086T I.D. 1-5/16 O.D. 0.305 Depth
	Exh	1979-84	21-1312-56	1.086 I.D. 1-5/16 O.D. 0.305 Depth.
	Int	1979-84	21-1500-62	1.220T I.D. 1-1/2 O.D. 0.310 Depth.
Spring	Both	1979-84	32-1106	1.641 Free Length. Outer
	Both	1979-84	32-1107	1.390 Free Length. Inner
Keeper	Both	1979-81	34-224	1 Groove
	Both	1979-84	34-619	Heat Treated. 3 Groove.
Valve Stem Seal	Both	1979-84	38-3995-55	Viton. Metal Clad.
Water Pump		1979-83	90-9071	82-83: Audi 5000 Turbo Diesel. 79-82: Audi 5000 Diesel
LINE 26	2109cc (2.1L) OHV Vin B MV			1986-92 H4 BORE - 94mm/3.70"
Valve	Exh	1986-91	10-10349S	1.339 Head Dia.
	Int	1986-91	10-10348	1.575 Head Dia.
Valve Seat Insert	Exh	1986-91	21-1437-61	1.162 I.D. 1-7/16 O.D. 0.310 Depth
	Int	1986-91	21-1625-50	1.340T I.D. 1-5/8 O.D. 0.307 Depth
Guide	Exh	1991-92	30-7473	2.400 OAL
	Int	1991-92	30-6097	2.625 OAL. S/N 2109CC Cut To Length
	Int	1991-92	30-7471	2.531 OAL. S/N 1679CC - 1795CC
	Both	1986-92	31-7473	2.400 OAL. 0.3536 I.D. 0.514 O.D. Mang. Bronze
	Both	1986-92	31-8202	2.400 OAL. Bronze. 0.3419 I.D. 0.4755 O.D.
Keeper	Both	1986-91	34-619	Heat Treated. 3 Groove.
LINE 27	2144cc (2.2L) SOHC 10V KH, WD, WE, WK, WU, Turbo 1977-85 L5			BORE - 79.5mm/3.13"
Valve	Exh	1978-80	10-10006	1.226 Head Dia. 1 Groove
	Exh	1983-85	10-10356S	1.305 Head Dia. 3.591 OAL
	Int	1983-85	10-10358S	1.500 Head Dia.
Valve Seat Insert	Exh	1977-85	21-1312-50	1.086T I.D. 1-5/16 O.D. 0.305 Depth
	Exh	1977-85	21-1312-56	1.086 I.D. 1-5/16 O.D. 0.305 Depth. Straight I.D.
Spring	Both	1977-85	32-1106	1.610 Free Length. Outer

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COMPONENT	I/E/B	YEARS	PART No.	NOTES
LINE 27	2144cc (2.2L) SOHC 10V KH, WD, WE, WK, WU, Turbo			1977-85 L5 BORE - 79.5mm/3.13"
Spring	Both	1977-85	32-1107	1.390 Free Length. Inner
Keeper	Both	1983-85	34-619	Heat Treated. 3 Groove.
	Exh	1978-80	34-224	1 Groove
Valve Stem Seal	Both	1977-85	38-3995-55	Viton. Metal Clad.
Water Pump		1980-85	90-9052	83-85: 5000 Turbo. 80-83: Coupe, 4000, 4000 Quattro, 5000
LINE 28	2226cc (2.2L) SOHC & Turbo 10V Vin B-E, JT, KZ,MC			1985-88 L5 BORE - 81mm/3.19"
Valve	Exh	1985-88	10-10356S	1.305 Head Dia.
	Int	1983-88	10-10358S	1.494 Head Dia.
Valve Seat Insert	Exh	1986-88	21-1375-55	1.120 I.D. 1-3/8 O.D. 0.325 Depth.
	Int	1986-88	21-1625-50	1.340T I.D. 1-5/8 O.D. 0.307 Depth
Guide	Exh	1984-88	30-7713	1.810 OAL. +2 O/S Avail.
	Exh	1985-88	30-7852	1.670 OAL.
	Int	1985-88	30-7359	1.435 OAL. +2 O/S Avail.
Keeper	Both	1985-88	34-619	Heat Treated. 3 Groove.
Lifter	Both	1984-88	36-2251	Hydraulic Bucket
Valve Stem Seal	Both	1985-88	38-3995-55	Viton. Metal Clad.
Water Pump		1983-88	90-9052	89: 200 Turbo Quattro To Chassis # 004457, 200 Turbo To Eng. #MC039950. 85-88: Quantum/Syncro. 86-88: 5000 Turbo, 5000 Turbo Quattro. 83-87: Audi Coupe, 5000. 83-85: Quattro,4000 Quattro.
LINE 29	2226cc (2.2L) DOHC 20V Turbo Vin A, P, R, AAN			1992-96 L5 BORE - 81mm/3.19"
Valve	Int	1992-96	10-10353S	1.264 Head Dia.
Valve Seat Insert	Exh	1992-96	21-1125-54	0.900 I.D. 1-1/8 O.D. 0.325 Depth
	Int	1992-96	21-1312-64	1.045 I.D. 1-5/16 O.D. 0.316 Depth.
Guide	Both	1992-96	30-7359	1.435 OAL. +2 O/S Avail. 31- Prefix Bronze Avail.
Lifter	Both	1992-96	36-2236	Hydraulic Bucket. OEM# 017089102, 017105951
	Both	1992-96	36-2251	Hydraulic Bucket. OEM# 034109309AD
Valve Stem Seal	Both	1992-96	38-978-55	Viton. Metal Clad.
Water Pump		1992-96	90-9279	95-96: S6. 92-94: S4.
LINE 30	2309cc (2.3L) SOHC 10V Vin B, C, D, NF, NG			1987-92 L5 BORE - 82.5mm/3.25"
Valve	Exh	1988-92	10-10356S	1.305 Head Dia.
	Int	1988-92	10-10158S	1.555 Head Dia. NG Engine
	Int	1987-87	10-10350S	1.579 Head Dia. NF & NG Engines
Valve Seat Insert	Exh	1988-92	21-1375-55	1.120 I.D. 1-3/8 O.D. 0.325 Depth.
	Int	1988-92	21-1625-50	1.340T I.D. 1-5/8 O.D. 0.307 Depth. w/ 1.579 Valve Head Dia.
Guide	Both	1988-92	30-7359	1.435 OAL. +2 O/S Avail.
Keeper	Both	1988-92	34-619	Heat Treated. 3 Groove.
Lifter	Both	1988-92	36-2251	Hydraulic Bucket
Valve Stem Seal	Both	1988-92	38-3995-55	Viton. Metal Clad.
Water Pump		1987-92	90-9052	88: 80 Quattro, 90 Quattro To Chassis # 394742, 90 Model To Chassis # 396702. 87-88: 5000, 5000 Quattro. 87: Coupe.
LINE 31	2309cc (2.3L) DOHC 20V Vin E, 7A			1990-91 L5 BORE - 82.5mm/3.25"
Valve	Exh	1990-91	10-10355S	1.102 Head Dia. 7A Eng. Only
	Int	1990-91	10-10353S	1.264 Head Dia.
Valve Seat Insert	Exh	1990-91	21-1125-54	0.900 I.D. 1-1/8 O.D. 0.325 Depth
	Int	1990-91	21-1312-64	1.045 I.D. 1-5/16 O.D. 0.316 Depth.

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COMPONENT	I/E/B	YEARS	PART No.	NOTES
LINE 31	2309cc (2.3L) DOHC 20V Vin E, 7A		1990-91 L5	BORE - 82.5mm/3.25"
Guide	Both	1990-91	30-7359	1.435 OAL. +2 O/S Avail.
Lifter	Both	1990-91	36-2251	Hydraulic Bucket
Valve Stem Seal	Both	1990-91	38-978-55	Viton. Metal Clad.
LINE 32	2459cc (2.5L) SOHC 10V Vin C, D, E, AAF, ACU		1993-95 L5	BORE - 81mm/3.19"
Valve	Exh	1993-95	10-10356S	1.305 Head Dia.
	Int	1993-95	10-10158S	1.555 Head Dia.
Guide	Both	1993-95	30-7359	1.435 OAL. +2 O/S Avail.
Keeper	Both	1993-95	34-619	Heat Treated. 3 Groove.
Lifter	Both	1993-95	36-2251	Hydraulic Bucket
Valve Stem Seal	Both	1993-95	38-3995-55	Viton. Metal Clad.
LINE 33	2480cc (2.5L) DOHC 20V BG, BP		2005-11 L5	BORE - 82.5mm/3.25"
Valve	Exh	2005-09	10-3097	1.102 Head Dia. 3 Groove. (Bora Non-USA)
	Int	2005-09	10-3096	1.273 Head Dia. 3 Groove. (Bora Non-USA)
Guide	Both	2005-09	30-3252	
Keeper	Both	2005-09	34-5021	3 Round Grooves
Valve Stem Seal	Both	2005-09	38-9675-45	Viton. Metal Clad.
Water Pump		2005-09	90-6050	05-09: Jetta. 06-08: Beetle, Rabbit
LINE 34	2461cc (2.5L) SOHC 10V (Non-USA)		1997-06 S5	BORE -
Valve	Exh	1997-06	10-10356S	1.305 Head Dia. Engine Code AVT Eurovan/Transporter
	Exh	1998-03	10-3077	1.240 Head Dia. Engine Code AJT/AXG Eurovan/Transporter
	Exh	1997-03	10-3079	1.234 Head Dia. Engine Code APL Eurovan/Transporter
	Int	1997-06	10-10158S	1.555 Head Dia. Engine Code AVT Eurovan/Transporter
	Int	1998-03	10-3076	1.417 Head Dia. Engine Code AJT/AXG Eurovan/Transporter
	Int	1997-03	10-3078	1.417 Head Dia. Engine Code APL Eurovan/Transporter
LINE 35	2671cc (2.7L) DOHC 30V Turbo APB, BEL Vin D, P		2000-05 V6	BORE - 81mm/3.19"
Valve	Exh	2000-05	10-10803S	1.177 Head Dia. 0.157 Tip to Groove
	Exh	2000-05	10-10805S	1.177 Head Dia. 0.222 Tip to Groove
	Int	2000-05	10-10804S	1.058 Head Dia.
Valve Seat Insert	Exh	2000-05	21-1250-54	1.010T I.D. 1-1/4 O.D. 0.257 Depth. May Need To Be Machined 0.020 - 0.030"
	Int	2000-05	21-1125-53	0.890T I.D. 1-1/8 OD 0.2370 Depth. Seat May Need To Be Machined 0.020 - 0.030".
Guide	Both	2000-05	31-03419	Manganese Bronze 1.415 OAL
Spring	Exh	2000-05	32-04036	1.725 Free Length
	Int	2000-05	32-04035	1.615 Free Length
Keeper	Both	2000-05	34-5021	3 Round Grooves
Lifter	Exh	2000-05	36-7075	Hydraulic Bucket
	Int	2000-05	36-7076	1.415 OAL. Hydraulic Bucket
Valve Stem Seal	Both	2000-05	38-9675-45	Viton. Metal Clad.
Water Pump		2000-03	90-9333	01-02: Allroad Quattro. 00-02: A6, A6 Quattro, S4.
		2001-05	90-9446	01-05: Allroad Quattro. 03-04: A6, A6 Quattro.
LINE 36	2771cc (2.8L) DOHC SOHC 12V Vin A-C, E, J-L, AAH, AF		1992-98 V6	BORE - 82.5mm/3.19"
Valve	Exh	1992-95	10-10356S	1.305 Head Dia.
	Exh	1995-98	10-10734S	1.295 Head Dia.

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COMPONENT	I/E/B	YEARS	PART No.	NOTES
LINE 36	2771cc (2.8L) DOHC SOHC 12V Vin A-C, E,J-L, AAH, AF 1992-98 V6			BORE - 82.5mm/3.19"
Valve	Int	1992-95	10-10158S	1.555 Head Dia. 0.315 Stem
	Int	1995-98	10-10733	1.555 Head Dia. 0.275 Stem
Valve Seat Insert	Exh	1992-95	21-1375-55	1.120 I.D. 1-3/8 O.D. 0.325 Depth.
	Int	1992-95	21-1625-50	1.340T I.D. 1-5/8 O.D. 0.307 Depth
Guide	Both	1992-95	30-7359	1.435 OAL. +2 O/S Avail.
	Both	1995-98	30-8558	1.435 OAL
Keeper	Both	1992-95	34-619	Heat Treated. 3 Groove.
Lifter	Both	1992-95	36-2251	Hydraulic Bucket
	Both	1998-98	36-2295	Hydraulic Bucket. AFC
Valve Stem Seal	Both	1992-98	38-3995-55	Viton. Metal Clad.
Water Pump		1995-98	90-9333	95-97: A6, A6 Quattro (From Chassis # 4ASO26715). 96-98: A4, A4 Quattro. 95: Cabriolet (From Chassis # 8GS001303), 90, 90 Quattro (From Chassis # 8CSO25821)

LINE 37	2771cc (2.8L) DOHC 30V Vin A, D, H, AHA,ATQ,AMX 1998-05 V6			BORE - 82.5mm/3.27"
Valve	Exh	1998-05	10-10803S	1.177 Head Dia. 0.157 Tip to Groove
	Exh	1998-05	10-10805S	1.177 Head Dia. 0.222 Tip to Groove
	Int	1998-05	10-10804S	1.059 Head Dia.
Valve Seat Insert	Exh	1998-05	21-1250-54	1.010T I.D. 1-1/4 O.D. 0.257 Depth. May Need To Be Machined 0.020 - 0.030"
	Int	1998-05	21-1125-53	0.890T I.D. 1-1/8 OD 0.2370 Depth. Seat May Need To Be Machined 0.020 - 0.030".
Guide	Both	1998-05	31-03419	Manganese Bronze 1.415 OAL
Spring	Exh	1998-05	32-04036	1.725 Free Length
	Int	1998-05	32-04035	1.615 Free Length
Keeper	Both	1998-05	34-5021	3 Round Grooves
Lifter	Exh	1998-05	36-7075	Hydraulic Bucket
	Int	1998-05	36-7076	Hydraulic Bucket
Valve Stem Seal	Both	1998-05	38-9675-45	Viton. Metal Clad.
Water Pump		1998-05	90-9333	98-05: Passat. 98-01: A4, A6

LINE 38	2792cc (2.8L) SOHC 12V Vin D,E,F, AAA,AES, AFP,VR6 1992-05 V6			BORE - 81mm/3.19"
Valve	Exh	1992-05	10-10557S	1.346 Head Dia.
	Int	1992-05	10-10556	1.535 Head Dia.
Guide	Both	1992-05	30-8139	1.483 OAL
	Both	1992-05	31-8139	1.495 OAL
Lifter	Both	1992-02	36-2251	Hydraulic Bucket. Hi-Volume. '97-00 Eurovan
	Both	1992-05	36-2295	Hydraulic Bucket. Low-Volume
Valve Stem Seal	Both	1992-02	38-978-55	Viton. Metal Clad.
Water Pump		1992-02	90-9262	97-02: Eurovan. 95-02: Golf. 92-95: Corrado

LINE 39	2792cc (2.8L) DOHC 24V AFP, AMV, AXK, BDF 2002-05 V6			BORE - 81mm/3.19"
Valve	Exh	2002-02	10-10557S	1.346 Head Dia. 0.274 Stem
	Int	2002-02	10-10556	1.535 Head Dia. 0.274 Stem
Guide	Both	2002-02	30-8139	1.488 OAL.
	Both	2002-02	31-8139	1.495 OAL.
Keeper	Both	2002-05	34-5021	3 Round Grooves
Lifter	Both	2001-03	36-7093	01-03: AMV
Valve Stem Seal	Both	2002-05	38-978-55	Viton. Metal Clad. 7mm Stem

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COMPONENT	I/E/B	YEARS	PART No.	NOTES
LINE 39	2792cc (2.8L) DOHC 24V AFP, AMV, AXK, BDF		2002-05 V6	BORE - 81mm/3.19"
Water Pump		2002-05	90-9262	03-05: GTI. 02: Jetta. 03-04: Eurovan. w/ 8 Vane Impeller
		2002-05	90-9471	04-05: GTI. 02-05: Jetta. w/ 7 Vane Impeller
LINE 40	2967cc (3.0L) DOHC 24V Diesel		2010-11 V6	BORE - 83mm/3.27"
No Parts Available		2010-11	00	10-11: Toureg TDI, Audi Q7 TDI
LINE 41	2976cc (3.0L) DOHC 30V Vin T, AVK BGN		2002-06 V6	BORE - 82.5mm/3.25"
Valve	Exh	2002-06	10-10803S	1.177 Head Dia. 0.157 Tip to Groove
	Exh	2002-06	10-10805S	1.177 Head Dia. 0.222 Tip to Groove
	Int	2002-06	10-10804S	1.059 Head Dia.
Valve Seat Insert	Exh	2002-06	21-1250-54	1.010T I.D. 1-1/4 O.D. 0.257 Depth. May Need To Be Machined 0.020 - 0.030"
	Int	2002-06	21-1125-53	0.890T I.D. 1-1/8 OD 0.2370 Depth. Seat May Need To Be Machined 0.020 - 0.030".
Guide	Both	2002-06	31-03419	Manganese Bronze 1.415 OAL
Spring	Exh	2002-06	32-04036	1.725 Free Length
	Int	2002-06	32-04035	1.615 Free Length
Keeper	Both	2002-06	34-5021	3 Round Grooves
Lifter	Exh	2002-06	36-7075	Hydraulic Bucket
	Int	2002-06	36-7076	Hydraulic Bucket
Valve Stem Seal	Both	2002-06	38-9675-45	Viton. Metal Clad.
LINE 42	2995cc (3.0L) DOHC 24V Supercharged DI		2009-11 V6	BORE - 84.5mm/3.33"
No Parts Available			00	Audi A4, A6, A8, S4, S5, VW Toureg Hybrid
LINE 43	3189cc (3.2L) DOHC 24V BHE,BJS,BMX,BUB		2004-09 V6	BORE - 84mm/3.31"
Valve	Exh	2004-08	10-3099	1.181 Head Dia. 0.235 Stem. 4.024 OAL. 2 Lengths Possible, Watch OAL.
	Int	2004-08	10-3098	1.309 Head Dia. 0.235 Stem. 4.040 OAL. 2 Lengths Possible, Watch OAL.
Guide	Both	2004-08	30-3253	
Lifter	Both	2005-08	36-7093	Hydraulic.
Valve Stem Seal	Both	2005-08	38-978-55	Viton. Metal Clad.
Water Pump		2004-09	90-9471	06-09: A3. 04-09: TT Quattro. 08: R32. 07-08: Eos. 04-06: Toureg, 04: Golf
LINE 44	3562cc (3.6L) DOHC 32V Vin E, PT		1990-91 V8	BORE - 81mm/3.19
Valve	Int	1990-91	10-10353S	1.264 Head Dia.
Valve Stem Seal	Both	1990-91	38-978-55	Viton. Metal Clad.
LINE 45	3697cc (3.7L) DOHC 32V AEW		1997-99 V8	BORE - 84.5mm/3.33"
Valve	Exh	1997-99	10-3183	1.178 Head Dia. 6mm Stem
	In	1997-99	10-3182	1.06 Head Dia. 6mm Stem
Water Pump		1997-99	90-9362	97-99: A8, A8 Quattro
LINE 46	3952cc (4.0L) SOHC 24V (Chrysler)		2009-11 V6	BORE - 96mm/3.78"
Valve	Exh	2009-10	10-1713	1.142 Head Dia. 0.272 Stem
	Int	2009-10	10-1901	1.437 Head Dia. 0.273 Stem
Guide	Exh	2009-10	30-8547	2.160 OAL. 0.4545 O.D. 0.276 I.D.
	Int	2009-10	30-8548	2.040 OAL. 0.4545 O.D. 0.275 I.D.
Keeper	Both	2009-10	34-06513	3 Round Grooves

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COMPONENT	I/E/B	YEARS	PART No.	NOTES
LINE 46	3952cc (4.0L) SOHC 24V (Chrysler)		2009-11 V6	BORE - 96mm/3.78"
Valve Stem Seal	Both	2009-10	38-20-45	Viton. Top Hat
Water Pump		2009-09	90-6010	09: Routan
LINE 47	4172cc (4.2L) DOHC 32V Vin L, W, ABH		1992-94 V8	BORE - 84.5mm/3.33"
Valve	Int	1992-94	10-10353S	1.264 Head Dia.
Valve Stem Seal	Both	1992-94	38-978-55	Viton. Metal Clad.
LINE 48	4172cc (4.2L) DOHC 32V		2010-11 V8	BORE - 84.5mm/
No Parts Available		2010-11	00	11: S5. 10-11: A6, A8. 10: Q7, R8
LINE 49	4172cc (4.2L) DOHC 40V AQF, AQQ, ARS		1997-10 V8	BORE - 84.5mm/3.33"
Valve	Exh	1997-06	10-3183	1.178 Head Dia. 6mm Stem. 2 per Cyl.
	Int	1997-06	10-3182	1.06 Head Dia. 6mm Stem 3 per Cyl.
Water Pump		1997-06	90-9362	04-06: Phaeton. 97-00: Audi A8, A8 Quattro. 02-03: S8
		2001-05	90-9410	01-05: A8, A8 Quattro. 03-04: RS6. 02-04: S6. 00-04: A6,A6 Quattro. 01-03: S8