

Series No.	Engine Code	Cyl. No.	Position	Size (mm)			Shape	Material	Surface treatment	Reference
				d1(D)	h1(B)	a1(T)				

## VOLKSWAGEN

1	1.2T	4	1st	71.00	1.20	2.60	BF	SR	GN	
			2nd		1.20	2.90	T1	HB	Out. Cr	
			Oil		2.00	2.70	NIFF-H	SR	GN	
2	EA211 1.4L	4	1st	74.50	1.20	2.80	BF	SR	GN+PVD	
			2nd		1.20	2.80	T1	HR	Fe	
			Oil		2.00	2.60	NIFF-H	SR	GN	
3	Lavida 1.6L	4	1st	76.50	1.20	2.90	BF	SR	GN	
			2nd		1.20	3.00	T1	F14	Fe	
			Oil		2.00	2.55	NIFF-H	SR	GN	
4	1.4TSI	4	1st	76.50	1.20	2.90	BF	SR	GN	
			2nd		1.20	3.00	T1	F14	W	
			Oil		2.00	2.55	NIFF-H	SR	GN	
5	大众 EA111	4	1st	76.50	1.20	2.90	BF	SR	GN	
			2nd		1.20	3.00	T1	F14	W	
			Oil		2.00	2.55	NIFF-H	SR	GN	
6	大众 EA111 1.6L	4	1st	76.50	1.20	2.90	BF	SR	GN	
			2nd		1.20	3.00	T1	F14	W	
			Oil		2.00	2.55	NIFF-H	SR	GN	
7	Polo 1.4L (OLD)	4	1st	76.50	1.20	2.90	BF	SR	GN	
			2nd		1.50	3.20	TUN	CR	Fe	
			Oil		2.50	2.80	NIFF-H	SR	Cr/Fe	

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8	Polo 1.4L	4	1st	76.50	1.20	2.90	BF	SR	GN	
			2nd		1.20	3.00	T1	F14	W	
			Oil		2.00	2.60	NIFF-H	SR	Cr/Fe	
9	Polo 1.6L	4	1st	76.50	1.20	2.90	BF	SR	GN	
			2nd		1.20	3.00	T1	F14	W	
			Oil		2.00	2.70	NIFF-H	SR	GN	
10	Scirocco 1.4T	4	1st	76.50	1.20	2.90	BF	SR	GN	
			2nd		1.50	3.20	TUN	CR	Fe	
			Oil		2.00	2.55	NIFF-H	SR	GN	
11	EA211 1.6L	4	1st	76.50	1.20	2.90	BF	SR	GN+PVD	
			2nd		1.20	3.00	T1	HR	Fe	
			Oil		2.00	2.55	NIFF-H	SR	GN	
12	Jetta diesel oil	4	1st	79.50	1.75	3.20	BF	HR	Cr/Fe	
			2nd		2.00	3.10	T1-RB	CR	Fe	
			Oil		3.00	2.60 (3.53)	E-BC16	CR	Cr/Fe	
13	Jetta diesel oil	4	1st	79.50	1.75	3.20	BF	HR	Out. Cr	
			2nd		2.00	3.20	T1-RB	F14	Fe	
			Oil		3.00	2.70 (3.55)	E-BC16	CR	Cr/Fe	
14	2.5L	4	1st	80.20	1.20	2.85	BF	SR	GN	
			2nd		1.50	3.30	TUN	F14	W	
			Oil		2.00	2.00 (2.65)	BC16-S	SR	GN	

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15	Santana	4	1st	81.00	1.50	2.95	BF	SR	GN	
			2nd		1.75	3.45	TUN	CR	Fe	
			Oil		3.00	3.40	NIFF-H	SR	Cr/Fe	
16	Santana	4	1st	81.00	1.50	3.45	BF-IC	HB	Out. Cr	
			2nd		1.75	3.45	TUN	CR	Fe	
			Oil		3.00	3.40	NIFF-H	SR	Cr/Fe	
17	Santana	4	1st	81.00	1.50	3.10	BF	SR	Out. Cr	
			2nd		1.75	3.45	TUN	CR	OX	
			Oil		3.00	3.40	NIFF-H	SR	Cr/Fe	
18	New Jetta King	4	1st	81.00	1.00	2.70	BF	SR	GN	
			2nd		1.20	3.40	TUN	CR	W	
			Oil		2.00	3.10	NIFF-H	SR	Cr/Fe	
19	Φ81mm	4	1st	81.00	1.75	3.20	BF	HB	CCIP	
			2nd		2.00	3.20	T1-RB	HB	Fe	
			Oil		3.00	2.50 (3.50)	E-BC16	CR	Out. Cr	
20	Jetta 5V	4	1st	81.00	1.50	2.95	BF	SR	GN	
			2nd		1.75	3.45	TUN	CR	Fe	
			Oil		2.00	2.20 (3.15)	E-BC16	HB	W	
21	1.8L 5VT	4	1st	81.00	1.50	3.10	BF	SR	GN	
			2nd		1.75	3.45	TUN	CR	Fe	
			Oil		2.00	2.05 (2.85)	E-BC16	HB	Out. Cr	

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<b>VOLKSWAGEN</b>										
22	B5-1.8T	4	1st	81.00	1.50	3.10	BF	SR	GN+PVD	
			2nd		1.75	3.45	TUN	CR	Fe	
			Oil		2.00	2.05 (2.85)	E-BC16	HB	Out. Cr	
23	B5 1.8L	4	1st	81.00	1.50	2.95	BF	SR	GN	
			2nd		1.75	3.45	TUN	CR	Fe	
			Oil		2.00	3.10	NIFF-H	HB	Cr/Fe	
24	EA888	4	1st	82.50	1.20	3.10	BF-IB	SR	GN	
			2nd		1.50	3.40	TUN	CR	Fe	
			Oil		2.00	2.00 (2.80)	E-BC16	HB	Cr/Fe	
25	EA888 II	4	1st	82.50	1.20	3.10	BF-IB	SR	GN	
			2nd		1.50	3.40	TUN	CR	Fe	
			Oil		2.00	2.00 (2.80)	E-BC16	HB	Out. Cr	
26	大众 EA888 II	4	1st	82.50	1.00	2.90	BF	SR	GN	
			2nd		1.20	3.15	TUN	HB	Fe	
			Oil		1.50	1.75 (2.20)	E-BC16	HB	W	
27	Passat 2.0L	4	1st	82.50	1.20	3.20	BF	SR	GN+PVD	
			2nd		1.50	3.45	TUN	CR	W	
			Oil		2.00	2.10 (2.80)	E-BC16	HB	Out. Cr	
28	Passat 2.0L	4	1st	82.50	1.20	3.10	BF-IB	SR	GN+PVD	
			2nd		1.50	3.10	TUN	HB	Fe	
			Oil		2.00	2.00 (2.80)	E-BC16	HB	Out. Cr	

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<b>VOLKSWAGEN</b>										
29	Passat 2.0L	4	1st	82.50	1.20	3.10	BF-IB	SR	GN	
			2nd		1.50	3.10	TUN	HB	Fe	
			Oil		2.00	2.80	NIFF-H	SR	GN	
30	Passat 2.0L	4	1st	82.50	1.20	3.10	BF	SR	Out. Cr	
			2nd		1.50	3.40	TUN	CR	OX	
			Oil		2.00	2.80	NIFF-H	SR	Cr/Fe	
31	B5 2.0L	4	1st	82.50	1.20	3.10	BF-IB	SR	GN	
			2nd		1.50	3.40	TUC	CR	W	
			Oil		2.00	2.80	NIFF-H	SR	GN	
32	EA888III	4	1st	82.50	1.20	3.10	BF-IB	SR	GN	
			2nd		1.20	3.15	TUN	HB	Fe	
			Oil		2.00	1.90 (2.55)	E-BC16	HB	Out. Cr	
33	EA888III	4	1st	82.50	1.20	3.10	BF-IB	SR	GN+PVD	
			2nd		1.20	3.15	TUN	HB	Fe	
			Oil		2.00	1.90 (2.55)	E-BC16	HB	Out. Cr	
34	EA888III	4	1st	82.50	1.20	3.10	BF-IB	SR	GN	
			2nd		1.20	3.15	TUN	HB	Fe	
			Oil		2.00	2.25	NIFF-H	SR	PVD	
35	EA888III	4	1st	82.50	1.20	3.20	BF	SR	GN+PVD	
			2nd		1.20	3.55	TUN	HB	Fe	
			Oil		2.00	2.25	NIFF-H	SR	PVD	

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<b>VOLKSWAGEN</b>										
36	Magotan 1.8L	4	1st	82.50	1.20	3.10	BF-IB	SR	GN	
			2nd		1.20	3.15	TUN	HB	Fe	
			Oil		2.00	2.00 (2.70)	BC16-S	SR	GN	
37	Magotan III	4	1st	82.50	1.20	3.10	BF-IB	SR	GN	
			2nd		1.20	3.15	TUN	HB	Fe	
			Oil		2.00	2.80	NIFF-H	SR	GN	
38	Magotan 2.0L	4	1st	82.50	1.20	3.10	BF-IB	SR	GN	
			2nd		1.20	3.15	TUN	HB	W	
			Oil		2.00	2.25	NIFF-H	SR	GN	
39	Magotan 3.0L	6	1st	84.00	1.20	2.95	BF	SR	GN	
			2nd		1.20	2.90	TUN	F14	Fe	
			Oil		2.00	2.55	NIFF-H	SR	GN	
40	2.8L	6	1st	84.00	1.20	2.95	BF	SR	GN	
			2nd		1.20	2.90	TUN	F14	Fe	
			Oil		2.00	2.00 (2.65)	BC16-S	SR	GN	