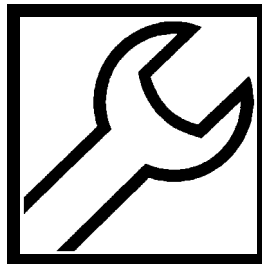


Rundschreiben

Circular Letter · Circulaire



KUD 16 - 19.08.2005

For internal use only!

Hako-Citymaster 1800 (1199)

Spare parts catalogue for VW-engine

Dear business partners,

hereby we would like to put a new revised spare parts catalogue of Volkswagen-engine to you at the disposal.

Best regards

Hako-Werke GmbH
Service

i.A.

A handwritten signature in black ink, appearing to read 'Chr. Büsing', written in a cursive style.

Christian Büsing



Encl.

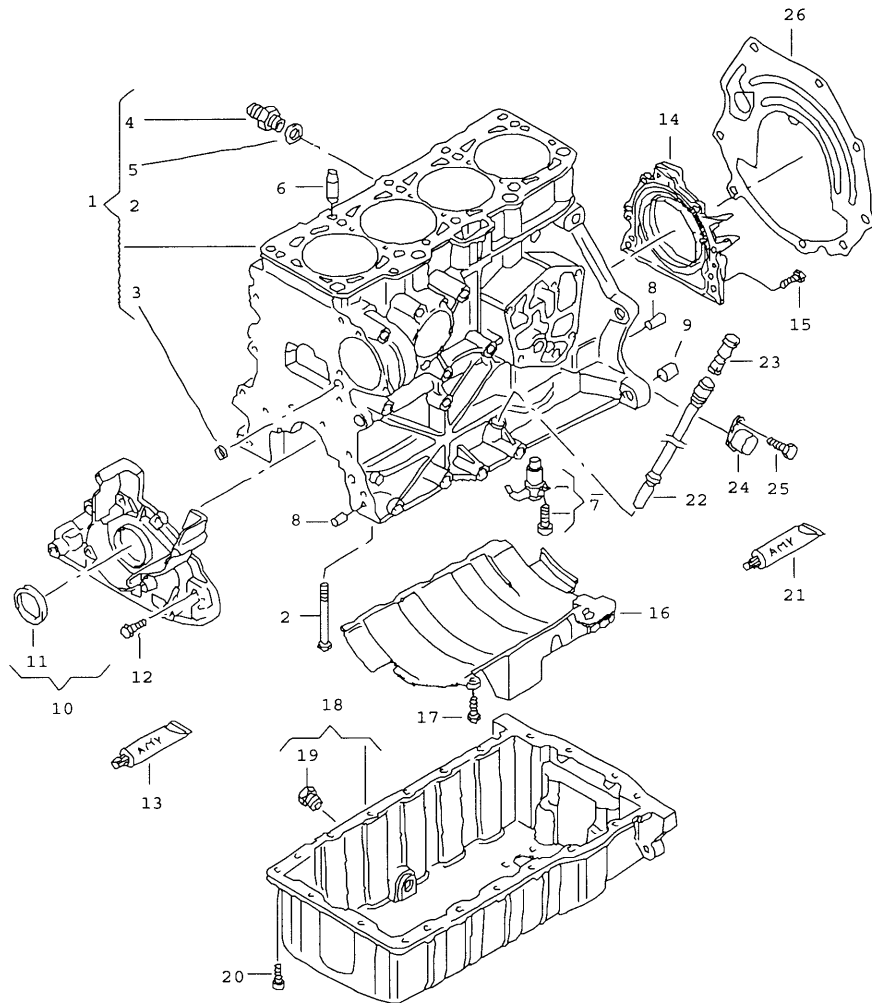
Spare Part List

VW- AVM Engine



1.9L TDI Euro 3/ AVM

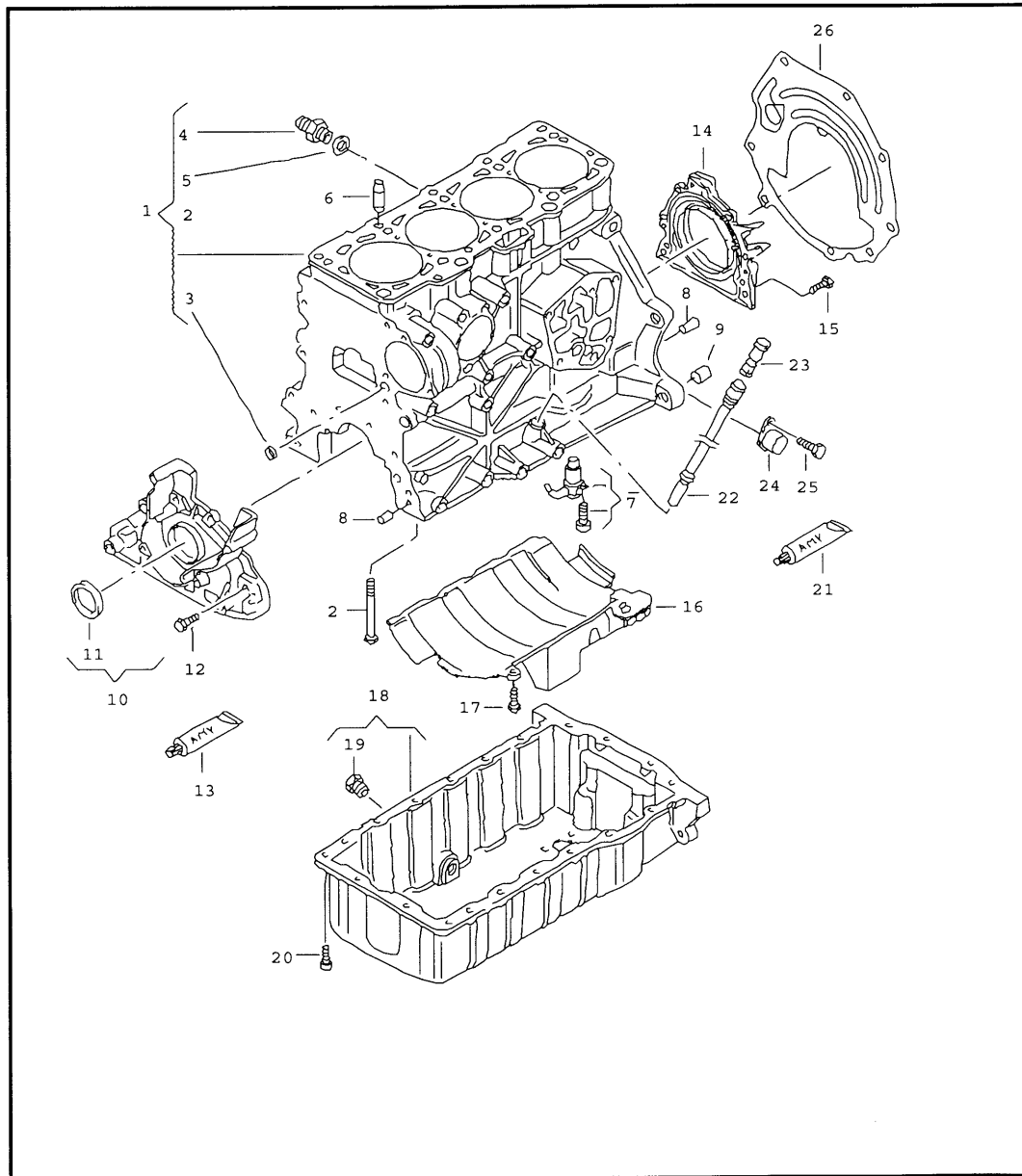
For Hako –Citymaster 1800 (1199)

Model	Year	MG	SG	Illustration	Restrictions	Update	10:06	14.09.2005		ETKA	
IMD	05	1	03	103-15	Diesel-Ind.-Motor 1,9>2,0	559					





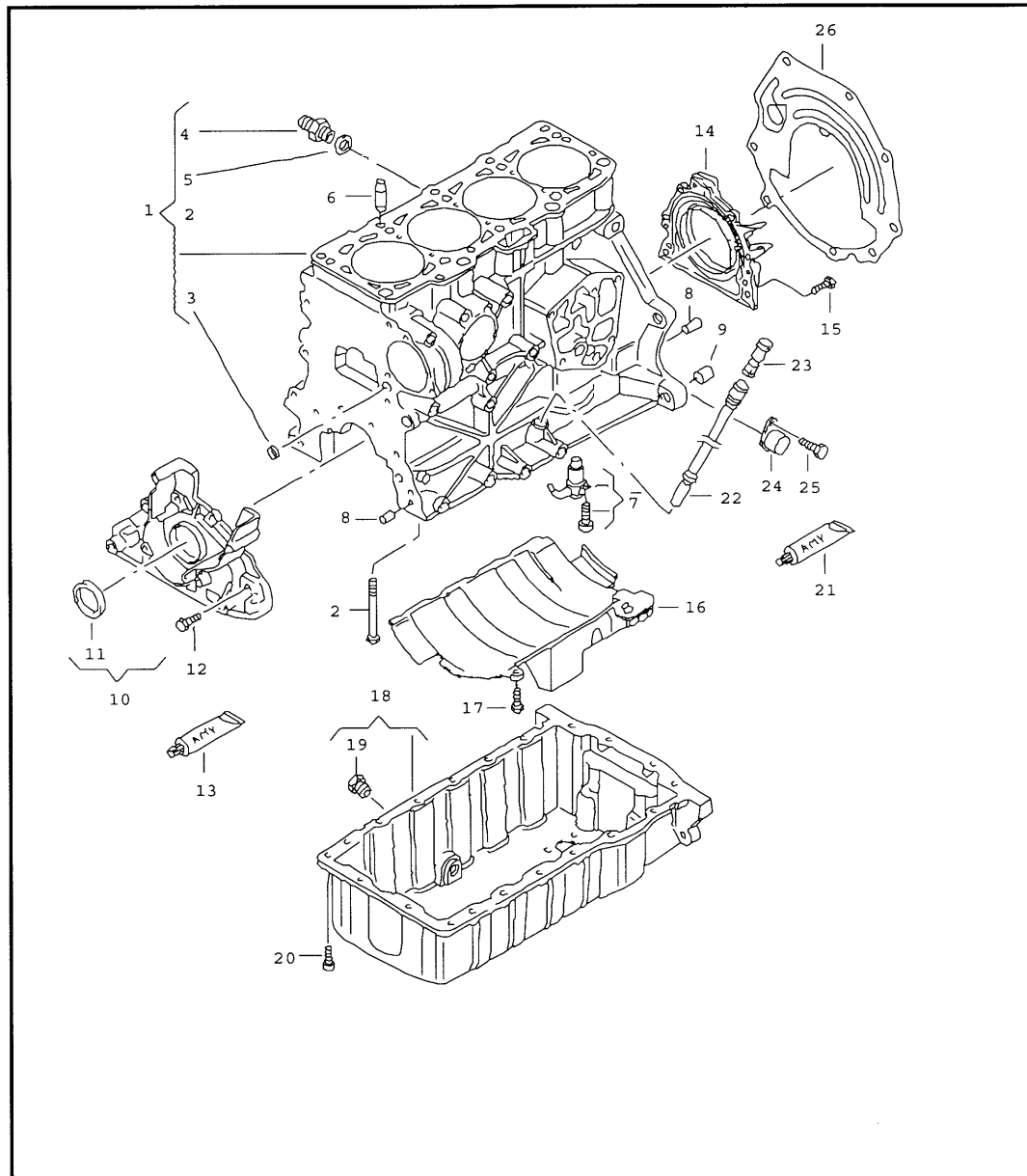
Pos	Part Number	Name	Remarks	Qty	Model
		cylinder block with pistons oil sump	1.9ltr.		AVM,ARD,BEQ, BEU,BJC
1	038 103 101 G	cylinder block with pistons		1	AVM,ARD,BEQ, BJC
(1)	038 103 101 E	cylinder block with pistons		1	BEU
-	06A 971 845 Q	retainer wiring harness for engine	upper	1	PR-QG1:BJC
-	N 105 242 01	torx socket head fitted bolt	M10X12	2	PR-QG1:BJC
-	811 971 848 B	retaining clip	M10X12	2	PR-QG1:BJC
-	06A 971 845 AB	retainer	lower	1	PR-QG1:BJC
2	N 901 300 01	hexagonal head bolt	AM10X80	10	
3	N 011 907 7	locking cover	A14	3	
4	N 016 161 6	sealing plug	M18X1,5	1	BEQ
5	+ N 013 832 6	seal	18X22X1,5	1	BEQ
6	028 103 039 A	dowel sleeve		2	
7	028 103 157 A	oil spray jet	M10	4	
8	N 043 207 2	parallel dowel pin	8H8X14	4	
9	022 103 139	dowel sleeve	16X13,5	1	
(9)	038 103 139 A	dowel sleeve	13,5X12,5	1	BEU
10	038 103 151 H	sealing flange	front	1	
11	b 038 103 085 E	oil seal	35X48X10	1	
12	+ N 909 450 01	hexagon socket head bolt with shoulder	M7X21,5-SP	6	
13	b D 176 404 A2	silicone sealant sealing flange	93G front	X	

Model	Year	MG	SG	Illustration	Restrictions	Update	10:06	14.09.2005		ETKA	
IMD	05	1	03	103-15	Diesel-Ind.-Motor 1,9>2,0	559					





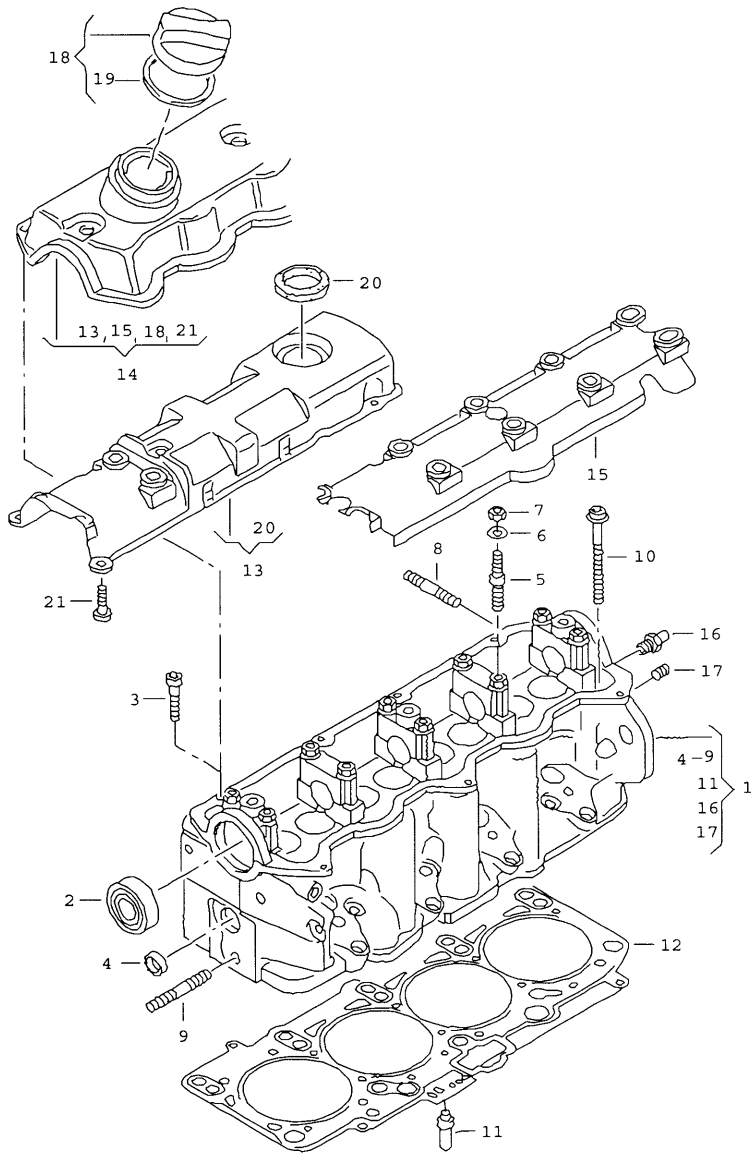
Pos	Part Number	Name	Remarks	Qty	Model
		cylinder block with pistons oil sump	1.9ltr.		AVM,ARD,BEQ, BEU,BJC
14	06A 103 171 A	sealing flange	rear	1	
15	+ N 909 450 01	hexagon socket head bolt with shoulder	M7X21,5-SP	6	
16	06B 103 623 C	baffle		1	
17	N 907 040 01	hexagon socket head bolt with shoulder	AM7X55-PC	1	
18	038 103 601 NA	oil sump		1	
(18)	038 103 603 N	oil sump with opening for oil level sensor		1	
-		oil level sensor see illustration:	906-00		
19	N 908 132 01	oil drain plug	M14X1,5X22-TC- S20	1	
20	+ N 907 356 03	hexagon socket head bolt with shoulder	M7X28-PC	20	
21	b D 176 404 A2	silicone sealant oil sump	93G	X	
22	06D 103 634	tube for oil dipstick		1	
23		guide funnel see illustration:	115-40		
24		impulse sender see illustration:	906-00		
25		12-point head bolt see illustration:	906-00		
26	038 103 647 A	cover panel		1	PR-LK4:AVM, PR-LL0:ARD
(26)	06B 103 551 B	intermediate plate		1	PR-LK4:AVM

Model	Year	MG	SG	Illustration	Restrictions	Update	10:06	14.09.2005		ETKA	
IMD	05	1	03	103-15	Diesel-Ind.-Motor 1,9>2,0	559					

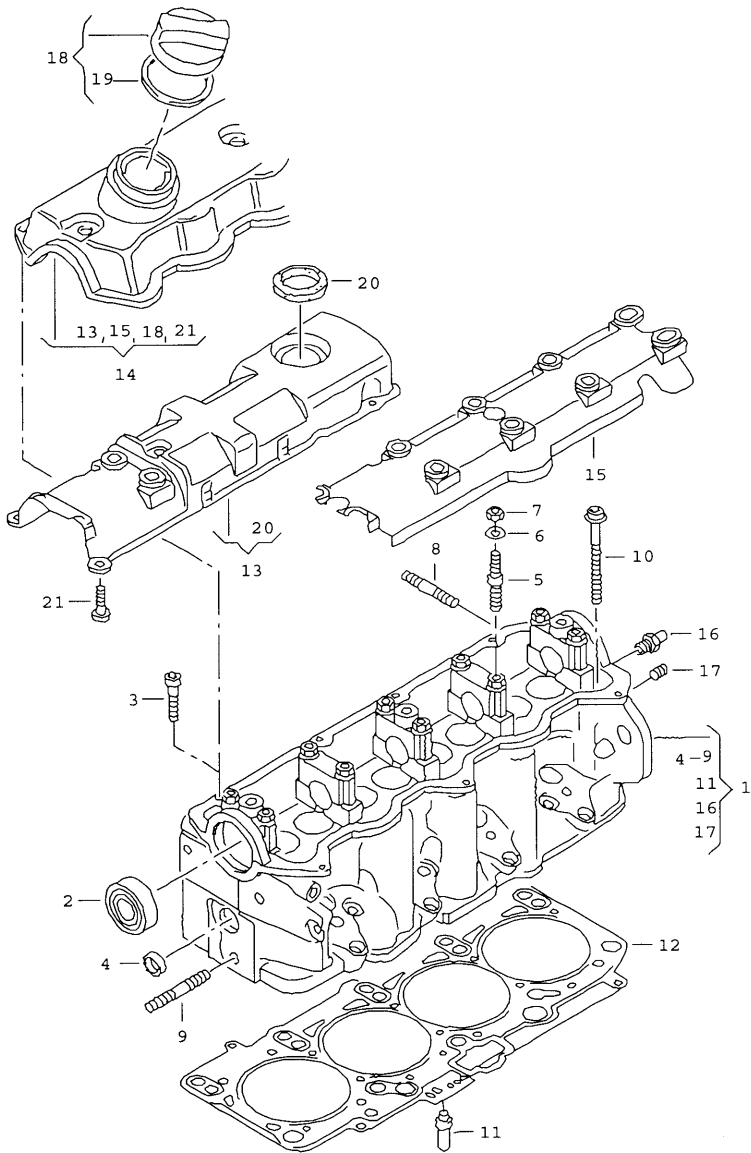


Pos	Part Number	Name	Remarks	Qty	Model
(26)	06B 103 551 B	cylinder block with pistons oil sump	1.9ltr.		AVM,ARD,BEQ, BEU,BJC
		intermediate plate		1	PR-LK4:AVM
		--- E N D ---			

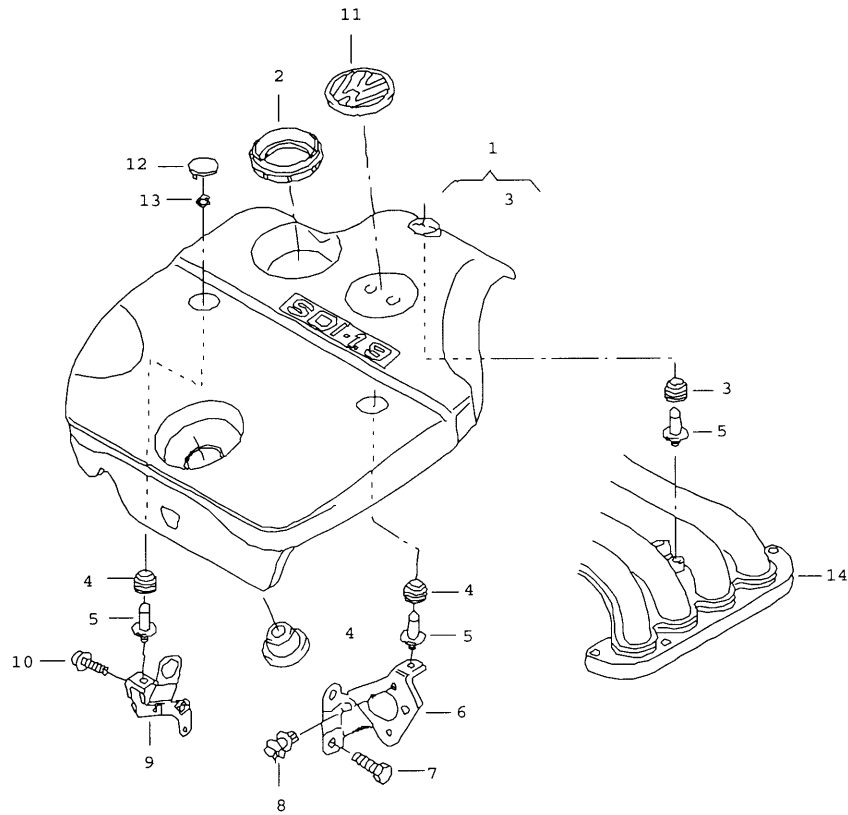
Model	Year	MG	SG	Illustration	Restrictions	Update	10:06	14.09.2005		ETKA	
IMD	05	1	03	103-45	Diesel-Ind.-Motor 1,9>2,0	559					





Pos	Part Number	Name	Remarks	Qty	Model
		cylinder head	1.9ltr.		AVM,ARD,BEQ, BEU,BJC
		cylinder head cover			
(1)	038 103 351 B	cylinder head		1	
(1)	#038 103 265 AX	cylinder head with valves and camshaft		1	AVM,BEU,BJC
(1)	#038 103 265 BX	cylinder head with valves and camshaft		1	ARD,BEQ
2	b 038 103 085 C	shaft oil seal (shaft rotation: to right)	47X10	1	
3	+ N 101 725 01	allen key head bolt (combi)	M6X22-S4-SP	7	
4	N 011 914 2	locking cover	24	1	
(4)	N 011 919 1	locking cover oversize	B25	X	
5	056 103 397	stud	M8X56	10	
6	+ N 011 558 11	washer	8,4X15X1,6	10	
7	+ N 011 008 8	hexagonal nut	M8	10	
8	N 901 889 02	stud	M8X35	8	
9	N 014 634 1	stud	M10AXM8X68-C	1	
10	068 103 384 A	cheese head bolt	M12X115	10	
11	037 103 419 B	valve guide	36,5MM/7MM	8	
12	b 038 103 383 AL	cylinder head gasket	1,55MM 1 hole	8	
(12)	b 038 103 383 AM	cylinder head gasket	1,63MM 2 holes	8	
(12)	b 038 103 383 AN	cylinder head gasket	1,71MM 3 holes	8	

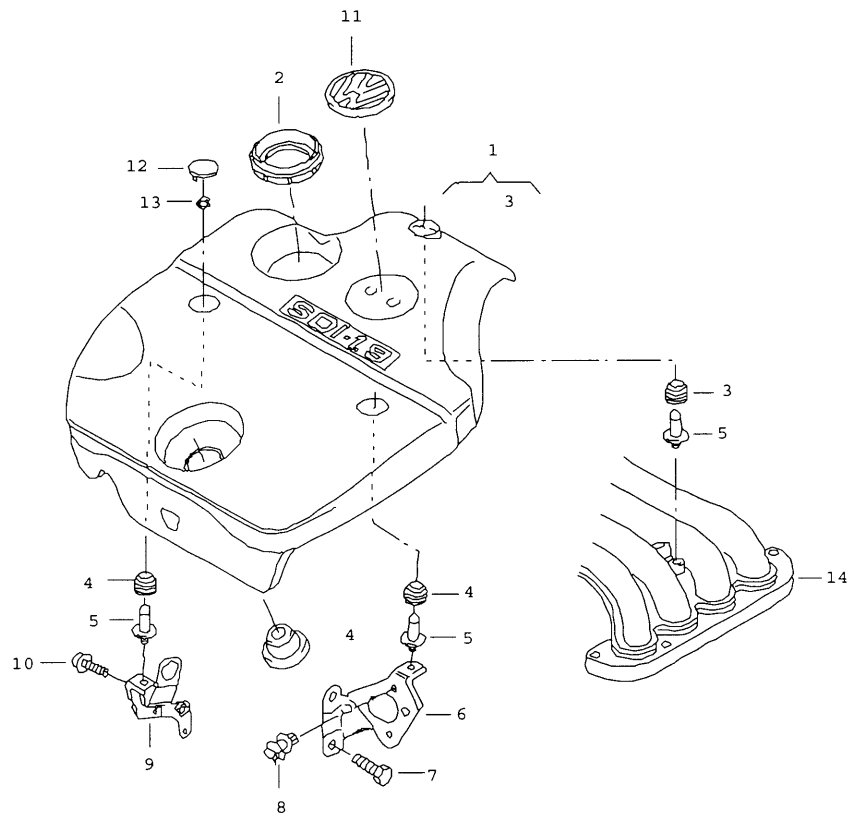


Pos	Part Number	Name	Remarks	Qty	Model
		cylinder head cover	1.9ltr.		AVM,ARD,BEQ, BEU,BJC
		cylinder head cover			
13	038 103 495	oil separator		1	AVM,BEU,BJC
14	038 103 469 E	cylinder head cover		1	
16	044 103 499 B	connecting socket		1	
17	N 016 024 1	sealing plug	M10X1	1	
18	06B 103 485 B	locking cover		1	
19	b 06A 103 483 D	gasket		1	
20	b 038 103 487	gasket		1	AVM,BEU,BJC
21		not replacement part			
- - - E N D - - -					





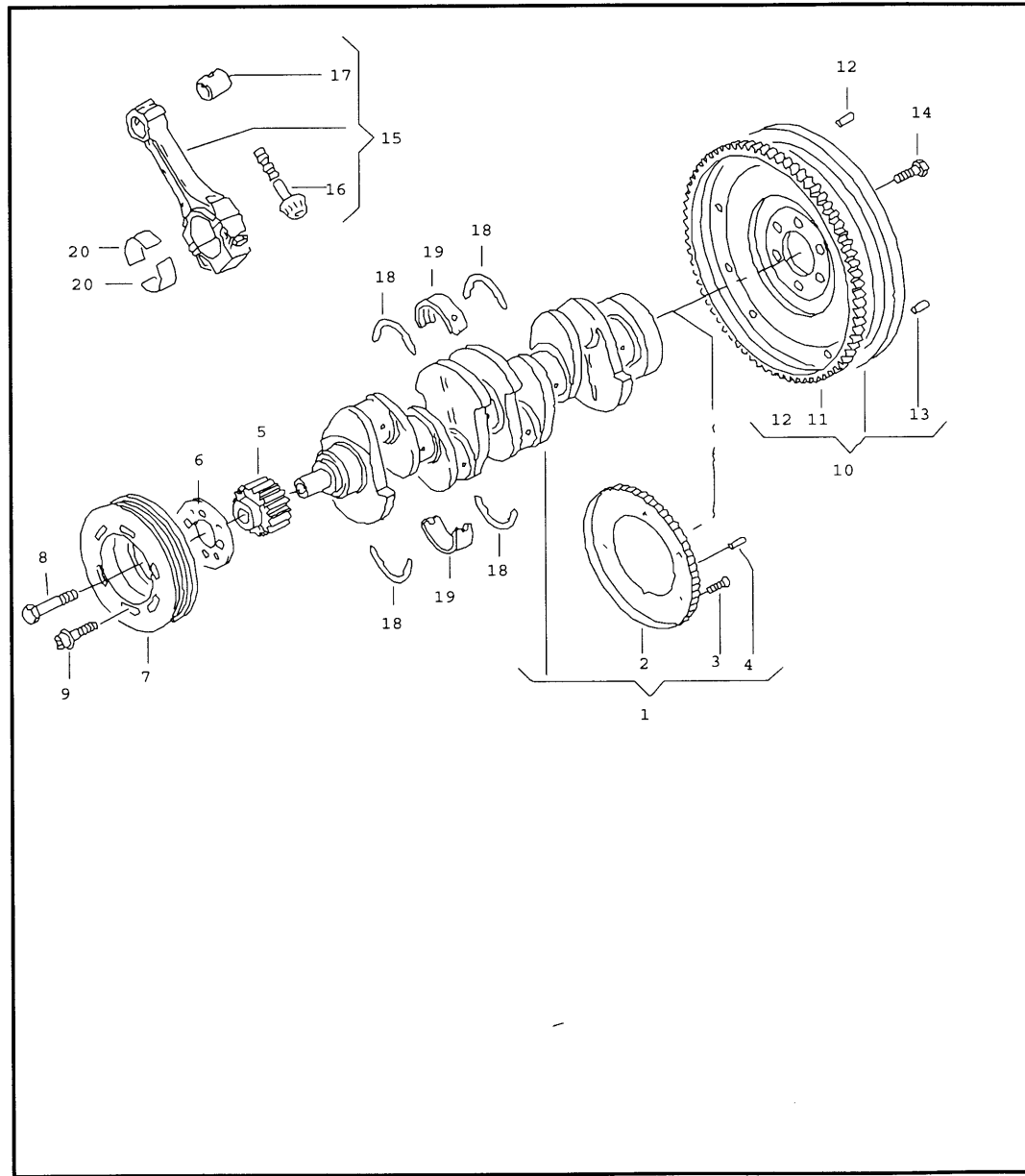
Pos	Part Number	Name	Remarks	Qty	Model
		cover for intake manifold	1.9ltr.		ARD,AVM,BEQ, BEU,BJC
(1)	038 103 925 EH	cover for intake manifold	'VW 1,9TDI'	1	BEU
(1)	038 103 925 EG	cover for intake manifold	'VW 1,9TDI'	1	AVM
(1)	038 103 925 EF	cover for intake manifold	'VW 1,9SDI'	1	BEQ
2	038 133 287 A	seal M >> BEQ 004 330* M >> BEU 003 100*		1 1	
(2)	038 133 287 C	seal		1	AVM
3	038 103 638 A	grommet M >> BEQ 004 330* M >> BEU 003 100*		3 3	AVM BEQ
				2	BEU
4	038 103 638 B	grommet M >> BEQ 004 330* M >> BEU 003 100*		1 1	AVM
(4)	038 103 638 F	grommet M >> BEU 003 100*		2	
5	06A 103 951	ball head M >> BEQ 004 330* M >> BEU 003 100*	M6	3 3	
(5)	028 103 665	attachment bolt		3	AVM
6	038 103 945 B	retaining panel		1	AVM,BEU,BJC
7	+ N 903 086 05	hexagon socket head bolt with collar	M8X14	2	AVM,BEU,BJC
8	N 104 442 01	retainer		1	AVM,BEU,BJC
9	038 103 941 E	retainer		1	
10	N 102 260 02	hexagon socket head bolt with collar	M8X26	1	

Model	Year	MG	SG	Illustration	Restrictions	Update	10:07	14.09.2005		ETKA	
IMD	05	1	03	103-70	Diesel-Ind.-Motor 1,9>2,0	559					





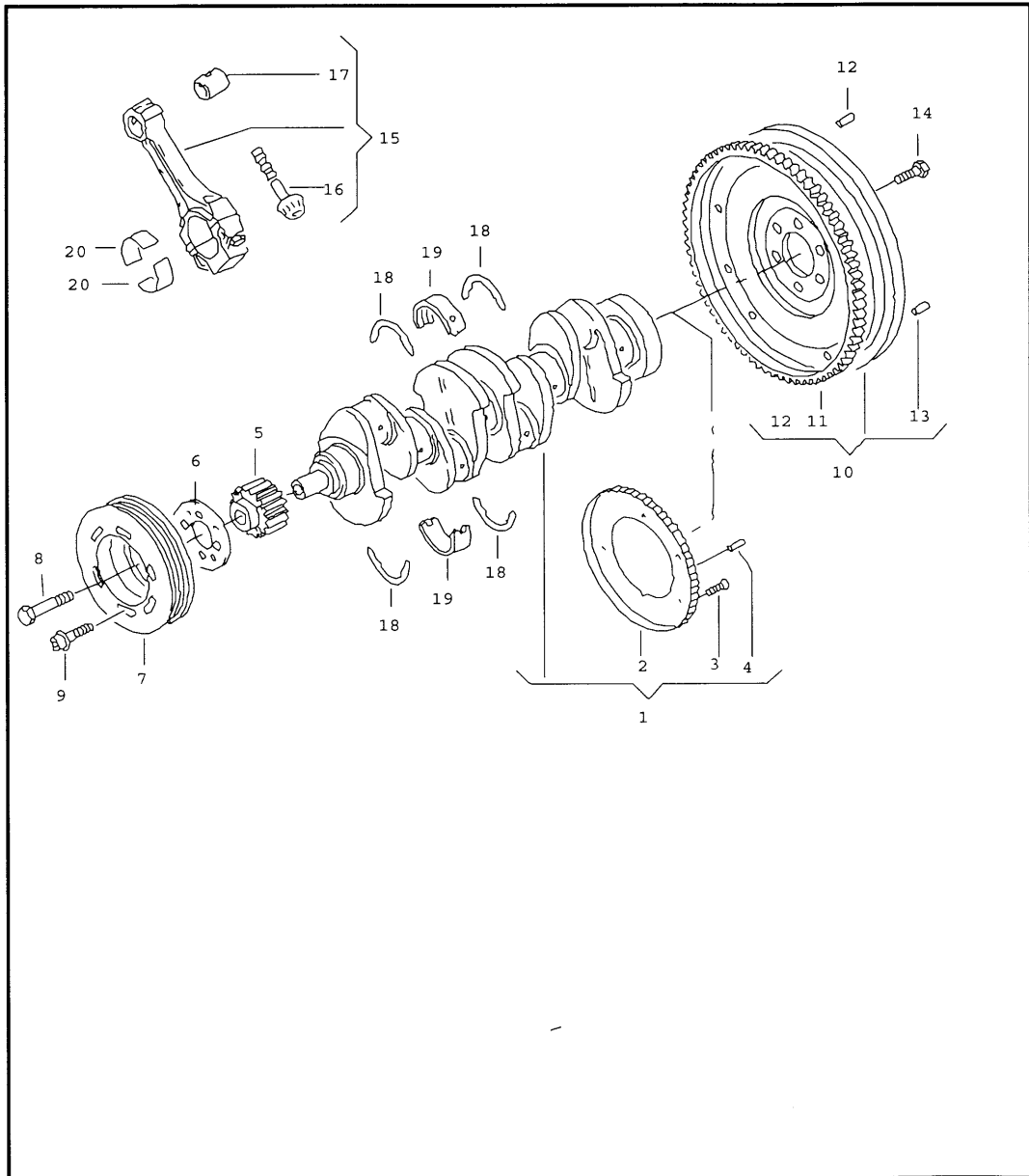
Pos	Part Number	Name	Remarks	Qty	Model
		cover for intake manifold	1.9ltr.		ARD,AVM,BEQ, BEU,BJC
11	036 103 940 L	vw emblem M	blue/white	1	AVM
		>> BEQ 004 330*		1	
(11)	06A 103 940 G	vw emblem M	blue/white	1	
		>> BEU 003 100*			
12	038 103 937	cap M		3	AVM
		>> BEQ 004 330*		3	
		>> BEU 003 100*		3	
13	N 907 143 01	hex. nut with washer	M6	3	AVM
14		see illustration:	129-05		AVM, BEU, BJC
		see illustration:	129-10		ARD, BEQ
		- - - E N D - - -			

Model	Year	MG	SG	Illustration	Restrictions	Update	10:07	14.09.2005		ETKA	
IMD	05	1	05	105-10	Diesel-Ind.-Motor 1,9>2,0	559					





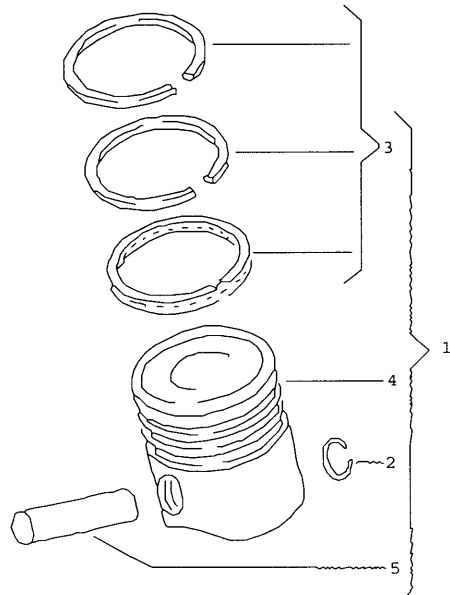
Pos	Part Number	Name	Remarks	Qty	Model
		crankshaft conrod bearings	1.9ltr.		AVM, ARD, BEQ BEU, BJC
1	038 105 021 E	crankshaft		1	
2	028 105 189 B	speed sender ring		1	
3	053 105 229	countersunk bolt	M6X16	3	
4	N 013 199 1	parallel dowel pin	6M6X12	1	
5	038 105 263 E	toothed belt pulley		1	
6	028 105 246 A	thrust washer	only for: 038 105 243	1	
7	038 105 243	vibration damper		1	
8	038 105 229	12-point head bolt	M16X55	1	
9	+ N 903 396 03	cheese head bolt	M8X37	4	
(10)	038 105 266 AN	flywheel	228MM	1	AVM
(10)	>026 105 269 L	flywheel		1	ARD
(10)	#026 105 269 LX	flywheel		1	ARD
11	026 105 275	starter ring	Z=135	1	ARD
12	N 013 210 2	parallel dowel pin	6M6X16	3	ARD
13	N 101 168 01	parallel dowel pin	5H8X36	2	ARD
(14)	+ N 902 061 03	hexagonal head bolt	M10X1X19,5	6	ARD
14	+ N 907 059 01	hexagonal head bolt	M10X1X43	6	AVM
15	028 198 401 F	1 set: connecting rods		1	
16	028 105 425 C	bolt - connecting rod	M8X1X45	8	
17	028 105 431 C	bush - connecting rod		4	

Model	Year	MG	SG	Illustration	Restrictions	Update	10:07	14.09.2005		ETKA	
IMD	05	1	05	105-10	Diesel-Ind.-Motor 1,9>2,0	559					

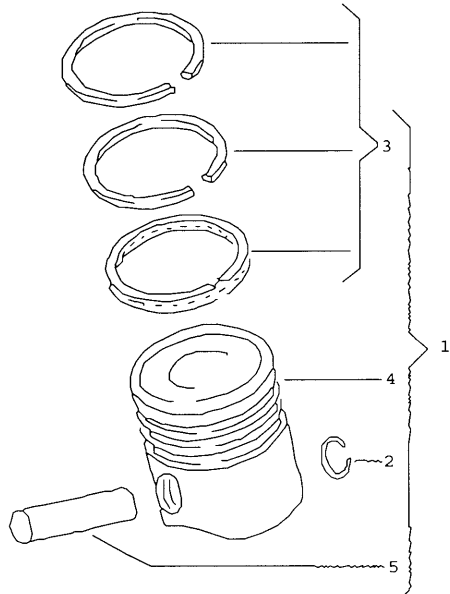


Pos	Part Number	Name	Remarks	Qty	Model
		crankshaft conrod bearings	1.9ltr.		AVM, ARD, BEQ BEU, BJC
18	026 198 421	1 set: thrust washers	bearing 3	1	
19	026 198 491	1 set: crankshaft bearings	LAGER 1-5	5	
20	028 105 701 J	connecting rod bearing shell		8	
(20)	028 105 707	connecting rod bearing shell	0.25 u.s.	8	
(20)	028 105 713	connecting rod bearing shell	0.5 u.s.	8	
(20)	028 105 719	connecting rod bearing shell	0.75 u.s.	8	
		- - - E N D - - -			



Model	Year	MG	SG	Illustration	Restrictions	Update	10:07	14.09.2005		ETKA	
IMD	05	1	07	107-05	Diesel-Ind.-Motor 1,9>2,0	559					

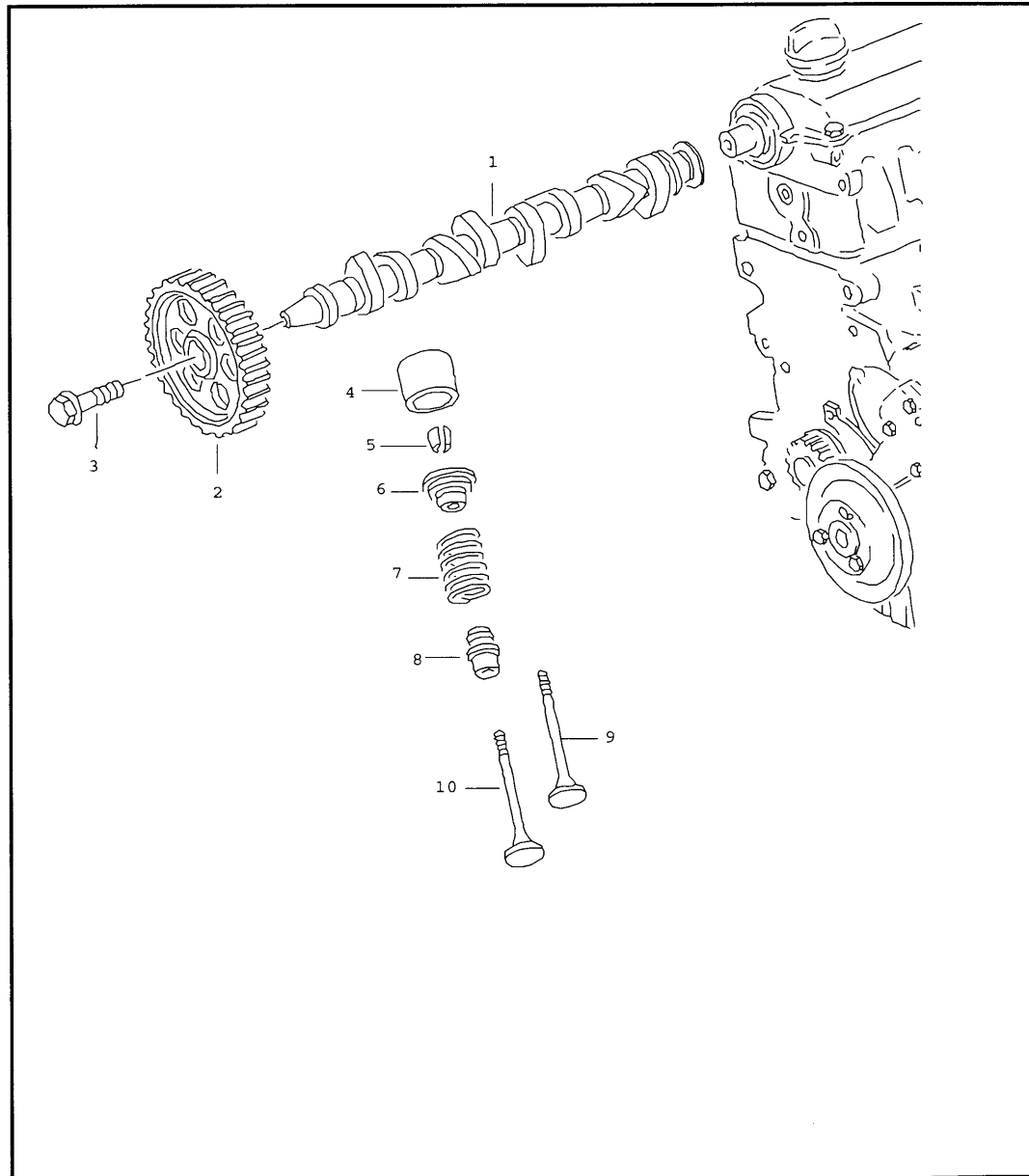


Pos	Part Number	Name	Remarks	Qty	Model
		piston piston ring	1.9ltr.		ADG,ARD,AVM, BEQ,BEU,BJC
(1)	028 107 065 CF	piston complete		4	ADG
	4/94 001	blue	79,48		
	4/94 003	pink	79,5		
(1)	028 107 065 BS	piston complete M >> AFD 000 499	cylinders 1,2 ALCAN	2	
	4/94 9/96 001	blue	79,47		
	4/94 9/96 003	pink	79,49		
(1)	038 107 065 H	piston complete	cylinders 1,2 MAHLE	2	BEU
	11/02 001	size group 1	79,44		
	11/02 003	size group 3	79,46		
(1)	038 107 065 J	piston complete	cylinders 3,4 MAHLE	2	BEU
	11/02 001	size group 1	79,44		
	11/02 003	size group 3	79,46		
(1)	038 107 065 AA	piston complete M AFD 000 500>>	cylinders 1,2 MAHLE	2	
	10/96 001	blue	79,44		
	10/96 003	pink	79,46		
(1)	038 107 065 AA	piston complete	cylinders 1,2 MAHLE	2	AVM,ARD,BEQ, BJC
	11/00 001	blue	79,44		
	11/00 003	pink	79,46		





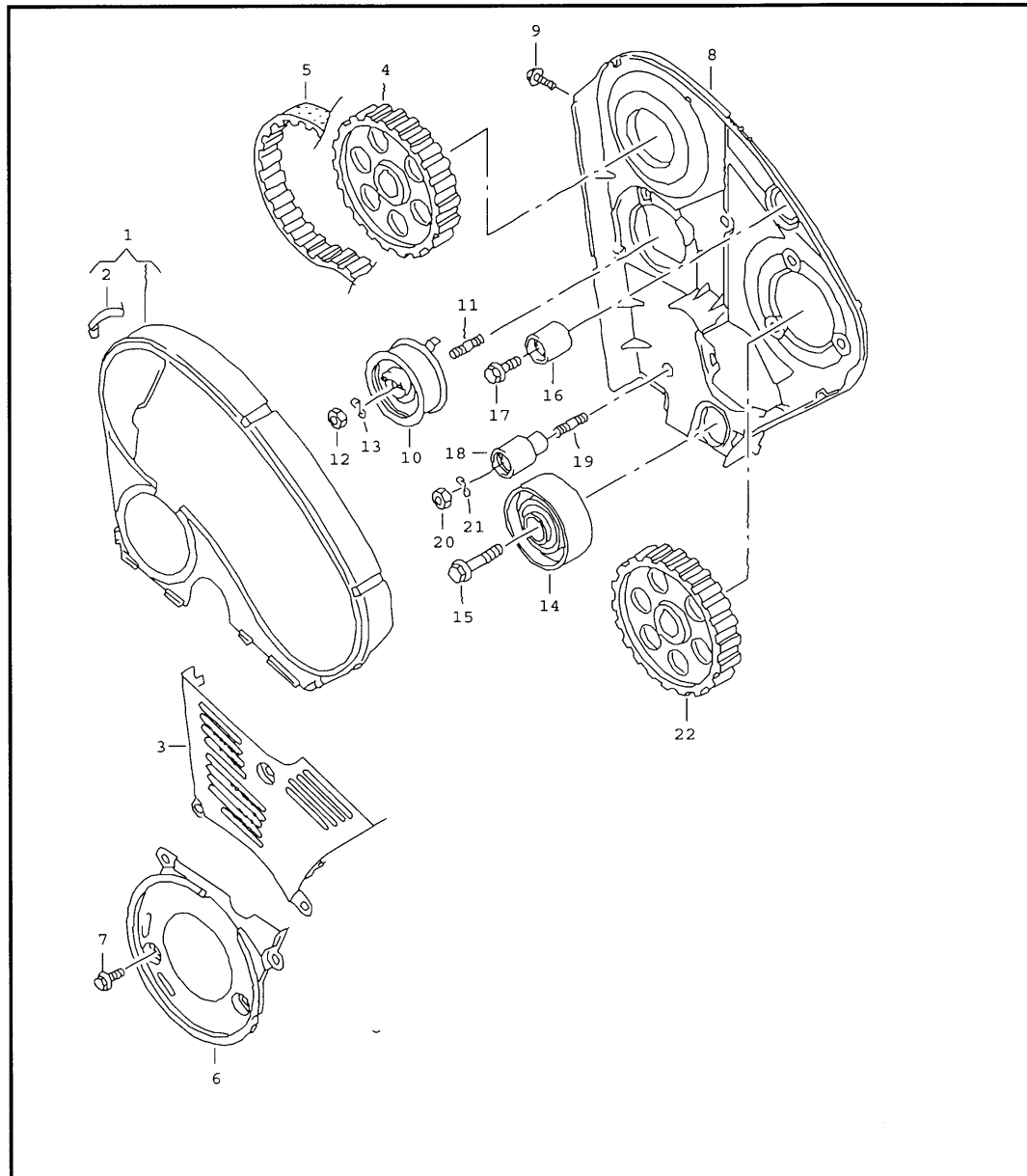
Pos	Part Number	Name	Remarks	Qty	Model
		piston piston ring	1.9ltr.		ADG,ARD,AVM, BEQ,BEU,BJC
(1)	028 107 065 CA	piston complete M >> AFD 000 499	cylinders 3,4 ALCAN	2	
	4/94 9/96 001	blue	79,47		
	4/94 9/96 003	pink	79,49		
(1)	038 107 065 AB	piston complete M AFD 000 500>>	cylinders 3,4 MAHLE	2	
	10/96 001	blue	79,44		
	10/96 003	pink	79,46		
(1)	038 107 065 AB	piston complete	cylinders 3,4 MAHLE	2	AVM,ARD,BEQ, BJC
	11/00 001	blue	79,44		
	11/00 003	pink	79,46		
(1)	028 107 081	piston complete (oversize)	80	X	ADG
(2)	N 101 333 01	snap ring	C26X1,5	8	AVM,ARD,BEQ BEU,BJC
2	N 012 277 1	securing ring	C24X1,5	8	ADG
3	038 198 151	1 set: piston rings	79,5	4	ADG,AVM,ARD, BEQ,BEU,BJC
(3)	028 198 153 A	1 set: piston rings (oversize)	79,75	X	ADG
(3)	028 198 155 A	1 set: piston rings (oversize)	80	X	ADG
- - - E N D - - -					

Model	Year	MG	SG	Illustration	Restrictions	Update	10:08	14.09.2005		ETKA	
IMD	05	1	09	109-10	Diesel-Ind.-Motor 1,9>2,0	559					





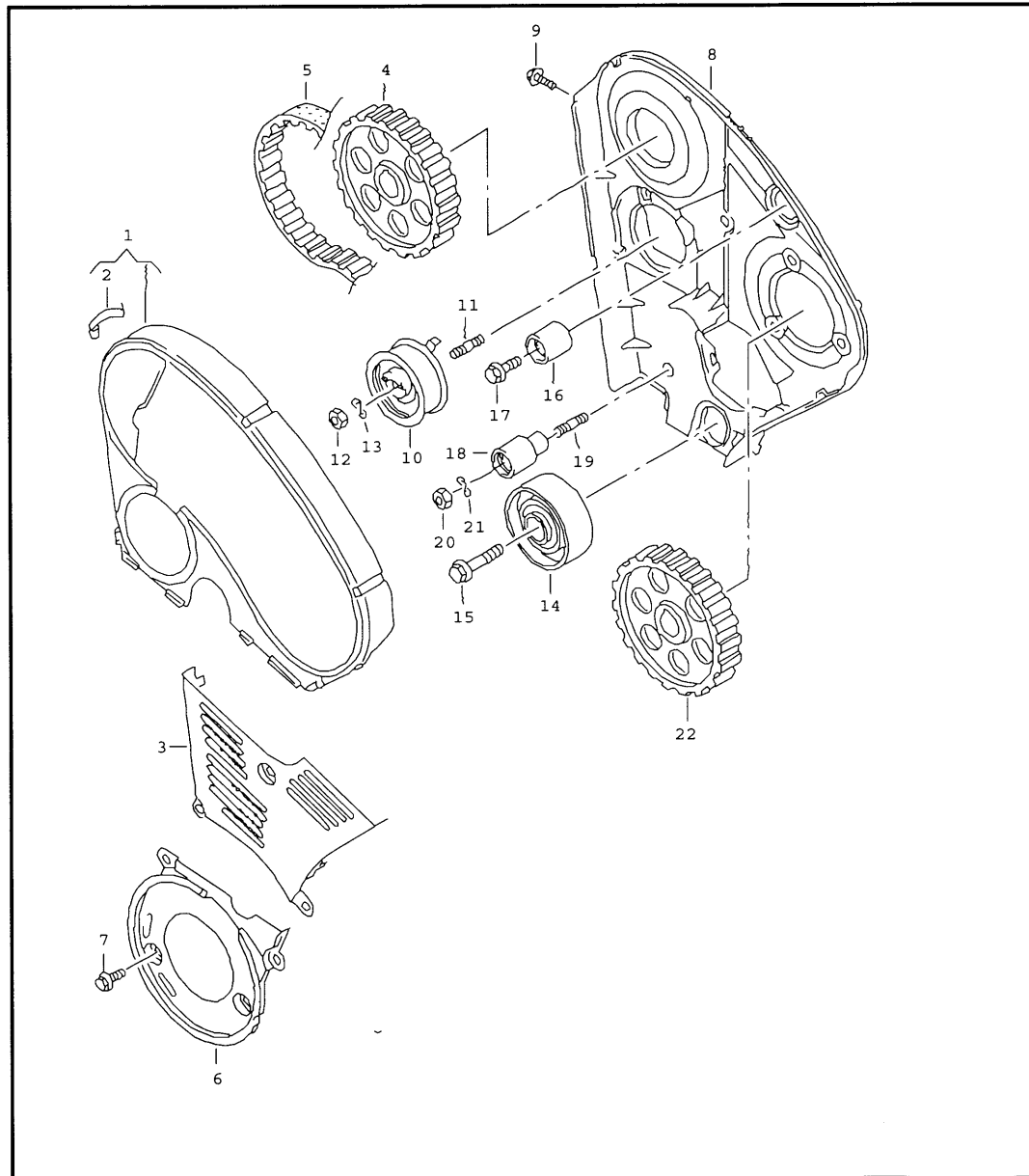
Pos	Part Number	Name	Remarks	Qty	Model
		camshaft, valves	1.9ltr.		ARD,AVM,BEQ, BEU,BJC
1	038 109 101 K	camshaft		1	AVM, BEU, BJC
(1)	038 109 101 E	camshaft		1	ARD, BEQ
2	038 109 111 A	toothed belt pulley		1	
3	N 905 021 02	hexagon head bolt (combi)	M12X1,5X35SW18	1	
4	050 109 309 J	cam follower		8	
5	021 109 651	cotter, split		16	
6	021 109 641 C	spring disc	upper	8	
7	028 109 623 B	spring - valve		8	ARD, BEQ
(7)	038 109 623 D	spring - valve		8	AVM, BEU, BJC
8	027 109 675	seal - valve stem	7MM	8	
9	028 109 601 D	intake valve	96,85	4	AVM, BEU, BJC
(9)	028 109 601 J	intake valve	96,55	4	ARD, BEQ
10	028 109 611 G	exhaust valve	96,85	4	AVM, BEQ, BJC
(10)	028 109 611 K	exhaust valve	96,35	4	ARD, BEQ
		- - - E N D - - -			

Model	Year	MG	SG	Illustration	Restrictions	Update	10:08	14.09.2005		ETKA	
IMD	05	1	09	109-40	Diesel-Ind.-Motor 1,9>2,0	559					





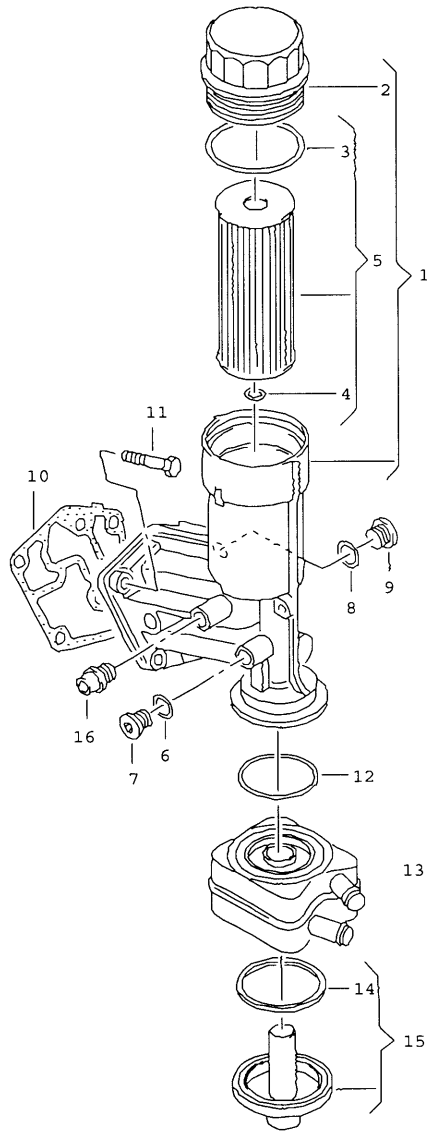
Pos	Part Number	Name	Remarks	Qty	Model
		toothed belt	1.9ltr.		AVM,ARD,BEQ, BEU,BJC
1	038 109 107 C	toothed belt cover	upper	1	PR-LN1:ARD, AVM
(1)	038 109 107 F	toothed belt cover	upper	1	PR-LN0:BEQ, BJC;BEU
2	078 109 150 A	spring clamp		3	
3	038 109 147	toothed belt cover	center	1	
4		toothed belt pulley	see illustration: 109-10		
5 b	038 109 119 M	toothed belt	Z=141	1	
-	038 010 241	sticker	'attention:' 'change the toothed belt' 'every ... km/m' 'changed/date/odom.reading' with lettering in:	X	60.000/40.000 "D "
6	06A 109 175 B	toothed belt cover	lower	1	
7	N 100 829 07	hexagon head bolt (combi)	M6X16-Z1	3	
8	038 109 145 D	cover panel		1	PR-LN1:ARD, AVM
(8)	038 109 145 F	cover panel		1	PR-LN0:BEQ, BJC;BEU
9	N 100 829 07	hexagon head bolt (combi)	M6X16-Z1	2	
10 b	038 109 243 N	tensioning roller		1	
11	N 014 634 1	stud	M10AXM8X68-C	1	
12 +	N 900 744 01	hexagon nut, self-locking	M8	1	
13 +	N 011 558 11	washer	8,4X15X1,6	1	
14 b	038 109 244 M	relay roller		1	

Model	Year	MG	SG	Illustration	Restrictions	Update	10:08	14.09.2005		ETKA	
IMD	05	1	09	109-40	Diesel-Ind.-Motor 1,9>2,0	559					





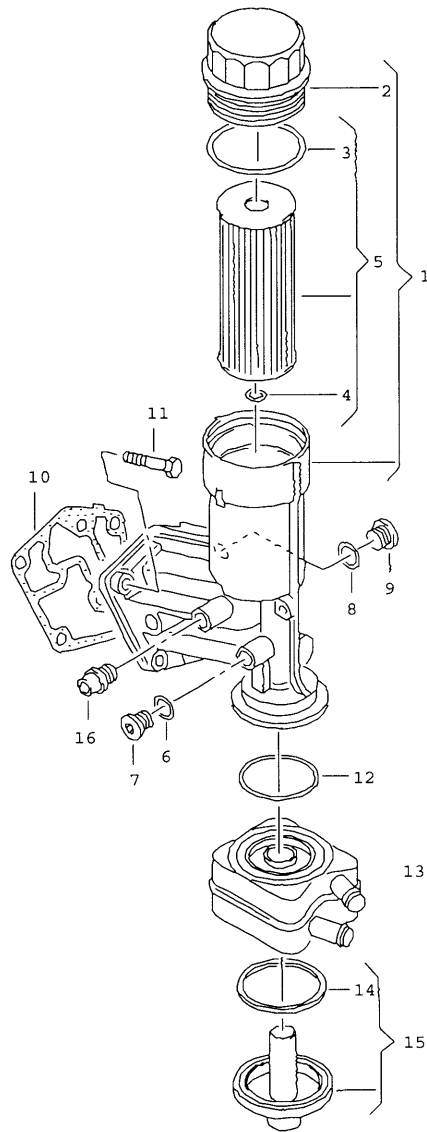
Pos	Part Number	Name	Remarks	Qty	Model
		toothed belt	1.9ltr.		AVM,ARD,BEQ, BEU,BJC
		toothed belt cover			
14	b 038 109 244 M	relay roller		1	
15	+ N 905 969 02	bolt, hex. hd. with shoulder, self-locking	M10X55-SW16KL	1	
16	b 058 109 244	relay roller		1	
17	+ N 019 531 3	hexagon head bolt c/w shoulder	M8X40	1	
18	b 038 109 244 E	relay roller		1	
19	N 101 693 03	stud	M8X50	1	
20	+ N 900 744 01	hexagon nut, self-locking	M8	1	
21	+ N 011 558 11	washer	8,4X15X1,6	X	
-	b 038 198 119 E	repair kit for toothed belt with tensioning roller		1	
		- - - E N D - - -			

Model	Year	MG	SG	Illustration	Restrictions	Update	10:08	14.09.2005		ETKA	
IMD	05	1	15	115-10	Diesel-Ind.-Motor 1,9>2,0	559					





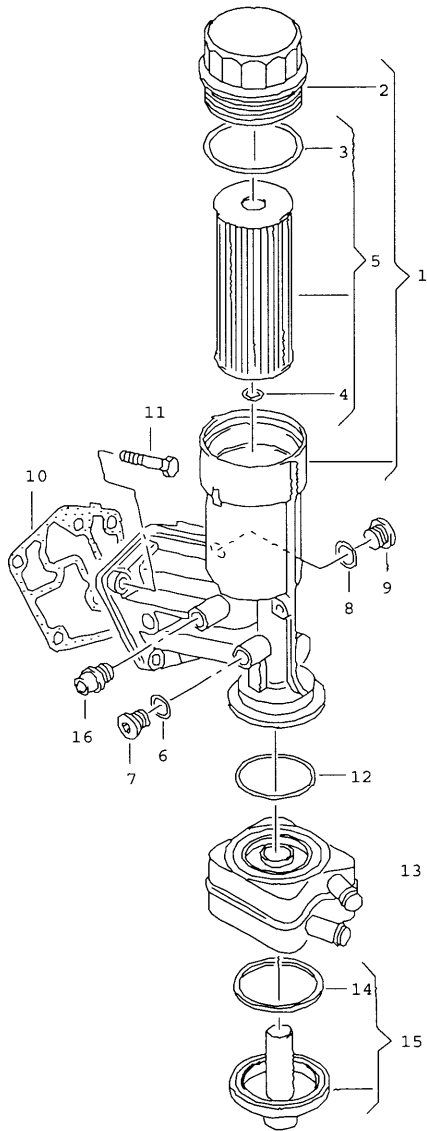
Pos	Part Number	Name	Remarks	Qty	Model
		oil filter	1.9ltr.		AVM,ARD,BEQ, BEU,BJC
		oil filter bracket			
1	038 115 389 B	oil filter bracket		1	
2	038 115 433	cover		1	
3	N 907 823 01	round seal	71X3,50	1	
4	N 900 432 01	round seal	10X2-N	1	
5	b 074 115 562	filter element with gasket		1	
6	+ N 013 811 5	seal	A10X13,5	1	
7	N 016 024 1	sealing plug	M10X1	1	
8	+ N 013 818 2	seal	A12X16	1	ARD,BEQ
9	N 016 025 2	sealing plug	AM12X1,5	1	ARD,BEQ
10	b 038 115 441 A	gasket		1	
11	N 908 152 01	12-point head bolt	M7X42	4	
12	+ 038 117 070 A	seal	59X5	1	
13	068 117 021 B	oil cooler		1	ARD,BEQ, BEU, BJC
(13)	#068 117 021 BX	oil cooler		1	ARD,BEQ, BEU, BJC
(13)	068 117 021 B	oil cooler M	>> AVM 001 249	1	AVM
(13)	#068 117 021 BX	oil cooler M	>> AVM 001 249	1	AVM
(13)	028 117 021 K	oil cooler M AVM 001 250>>		1	AVM
14	038 117 070	gasket	62,8	1	

Model	Year	MG	SG	Illustration	Restrictions	Update	10:09	14.09.2005		ETKA	
IMD	05	1	15	115-10	Diesel-Ind.-Motor 1,9>2,0	559					





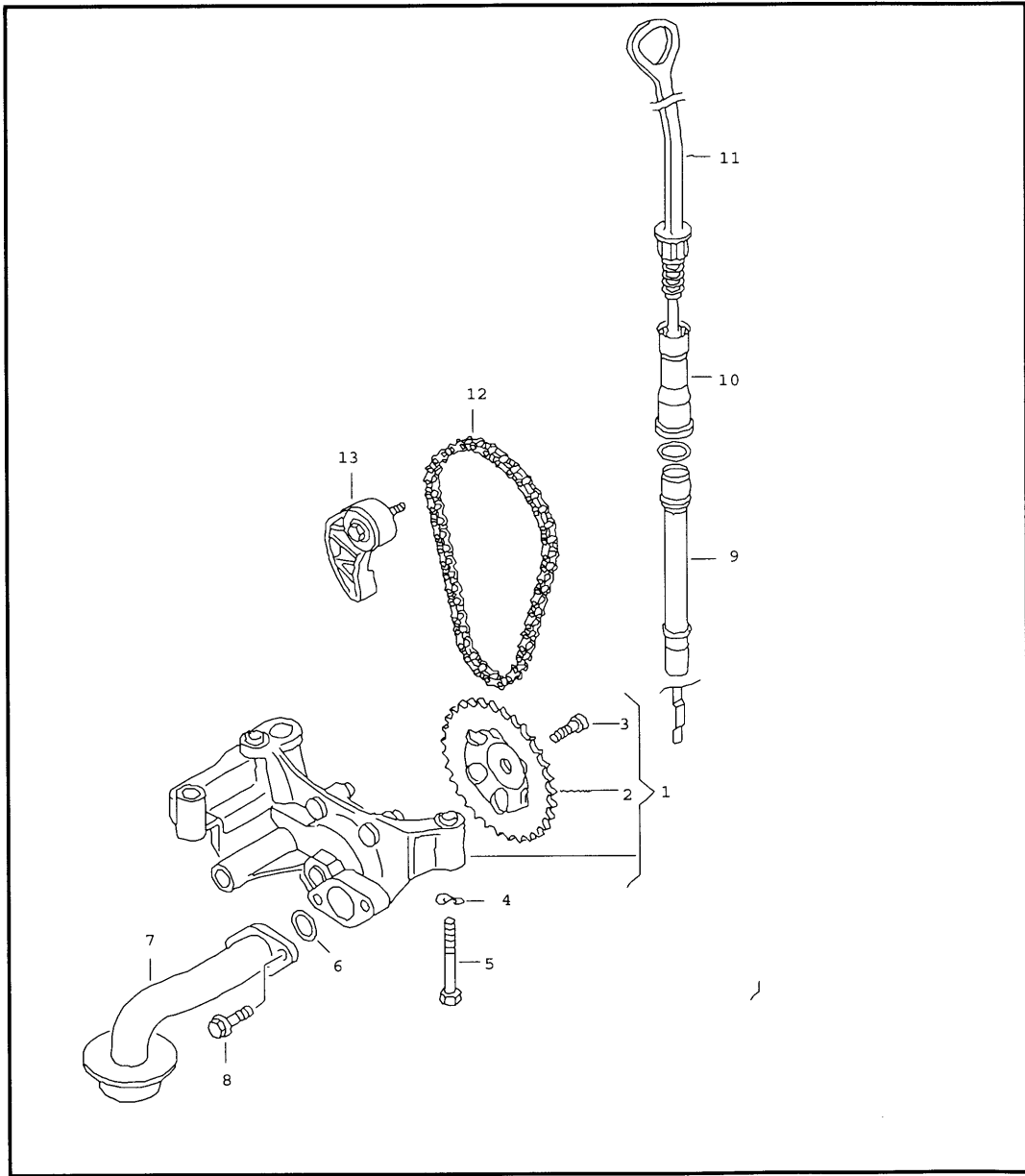
Pos	Part Number	Name	Remarks	Qty	Model
		oil filter oil filter bracket	1.9ltr.		AVM,ARD,BEQ, BEU,BJC
15	021 117 061 B	cover		1	ARD,BEQ,BEU, BJC
(15)	021 117 061 B	cover M	>> AVM 001 553*	1	AVM
(15)	045 117 061 D	cover M AVM 001 554>>*		1	AVM
16	038 919 081 C	oil pressure switch	0,55-0,85BAR 1 pin brown M10X1	1	
-	038 971 858	retainer		1	BEQ,BJC
-	N 100 841 02	allen key head bolt (combi)	M6X16-S4-N	1	BEQ,BJC
-	1H0 971 615 AB	cable holder		1	BEQ,BJC
		- - - E N D - - -			

Model	Year	MG	SG	Illustration	Restrictions	Update	10:11	14.09.2005		ETKA	
IMD	05	1	15	115-10	Diesel-Ind.-Motor 1,9>2,0	559					





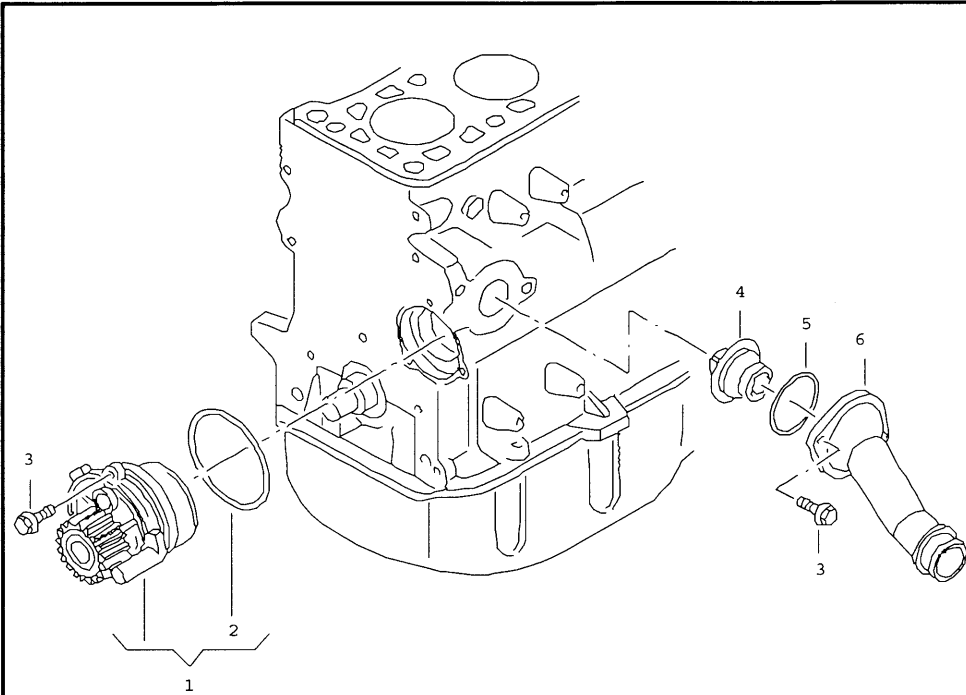
Pos	Part Number	Name	Remarks	Qty	Model
		oil filter oil filter bracket	1.9ltr.		AVM, ARD, BEQ, BEU, BJC
15	021 117 061 B	cover		1	ARD, BEQ, BEU, BJC
(15)	021 117 061 B	cover M >> AVM 001 553*		1	AVM
(15)	045 117 061 D	cover M AVM 001 554>>*		1	AVM
16	038 919 081 C	oil pressure switch	0,55-0,85BAR 1 pin brown M10X1	1	
-	038 971 858	retainer		1	BEQ, BJC
-	N 100 841 02	allen key head bolt (combi)	M6X16-S4-N	1	BEQ, BJC
-	1H0 971 615 AB	cable holder		1	BEQ, BJC
		- - - E N D - - -			

Model	Year	MG	SG	Illustration	Restrictions	Update	10:12	14.09.2005		ETKA	
IMD	05	1	15	115-40	Diesel-Ind.-Motor 1,9>2,0	559					





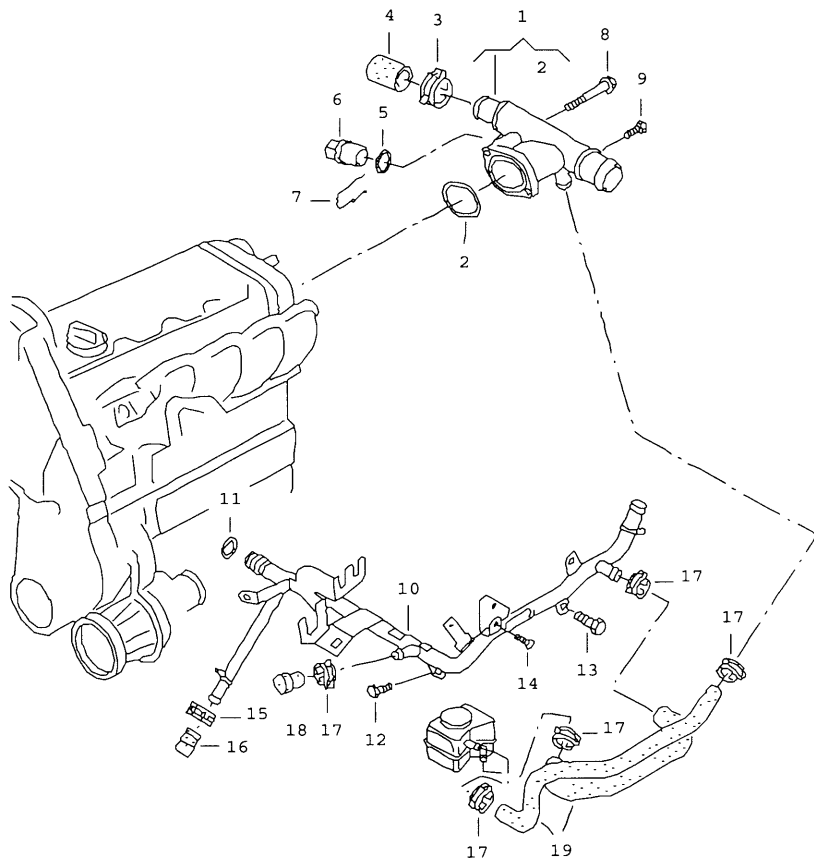
Pos	Part Number	Name	Remarks	Qty	Model
		oil pump oil dipstick	1.9ltr.		AVM,ARD,BEQ, BEU,BJC
1	06A 115 105 B	oil pump		1	
2	06A 115 121	sprocket		1	
3	+ N 903 663 03	cheese head bolt, self-locking	M8X22	1	
(3)	N 903 659 01	torx socket fillister hd. bolt	M8X22-E-W	1	BEU
4	N 012 234 5	spring washer	B7X14X0,8	2	
5	N 907 040 01	hexagon socket head bolt with shoulder	AM7X55-PC	2	
6	N 028 222 2	seal	20X3,15	1	
7	06A 115 251	suction line		1	
8	+ N 909 450 01	hexagon socket head bolt with shoulder	M7X21,5-SP	2	
9	06D 103 634	tube for oil dipstick		1	
10	038 103 663	guide funnel		1	
11	038 115 611 B	oil dipstick		1	
12	038 115 230	chain		1	
13	06A 115 130 B	chain tensioner		1	
- - - E N D - - -					

Model	Year	MG	SG	Illustration	Restrictions	Update	10:12	14.09.2005		ETKA	
IMD	05	1	21	121-10	Diesel-Ind.-Motor 1,9>2,0	559					





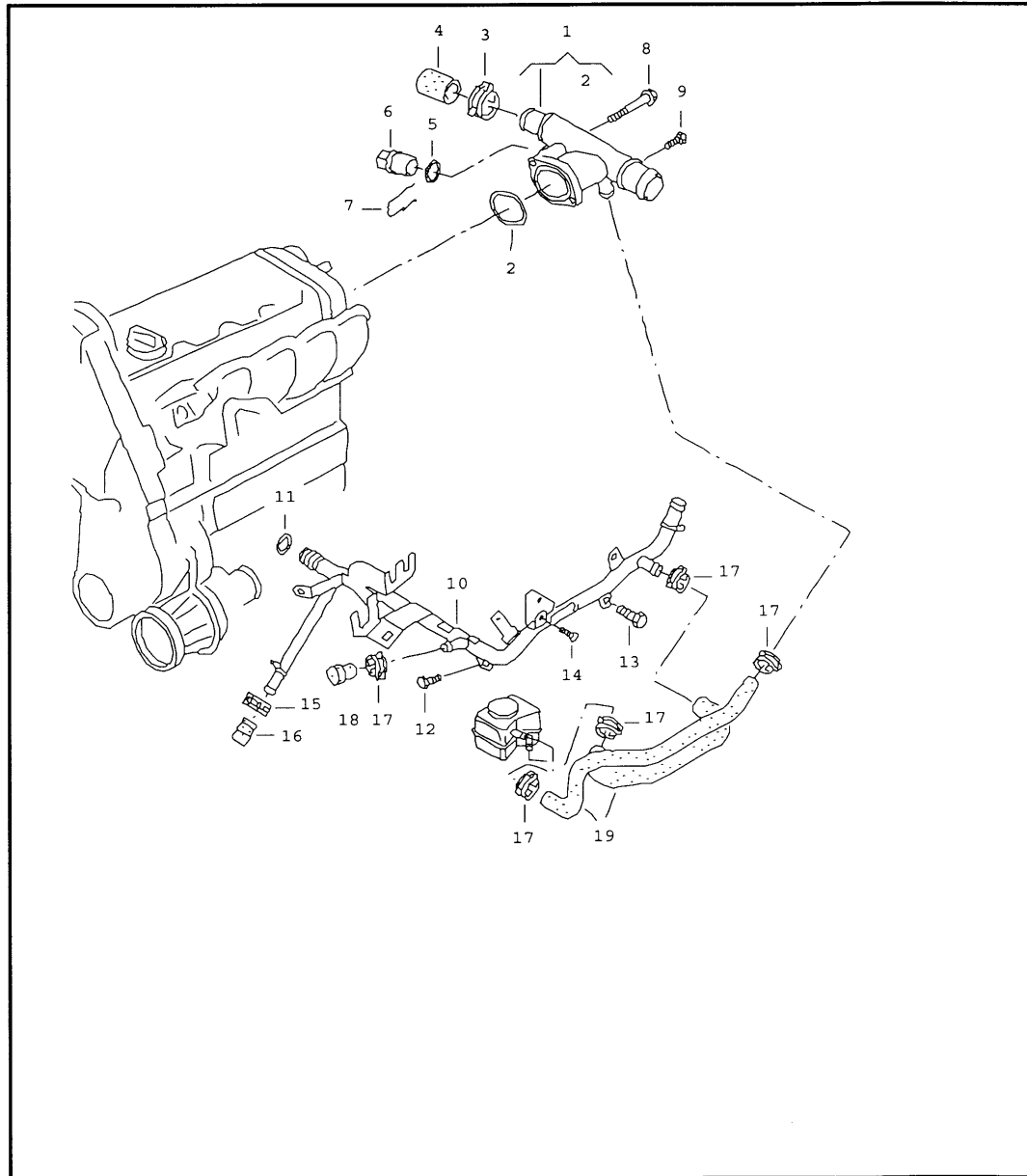
Pos	Part Number	Name	Remarks	Qty	Model
		water pump	1.9ltr.		AVM, ARD, BEQ, BEU, BJC
1	b>038 121 011 A	water pump with sealing washer		1	
(1)	b#038 121 011 AX	water pump with sealing washer		1	
2	038 121 119	seal	57X4MM	1	
3	+ N 909 450 01	hexagon socket head bolt with shoulder	M7X21,5-SP	3	
4	b 044 121 113	coolant thermostat	87C-102C	1	
5	+ 038 121 119 B	seal	50X4	1	
6	038 121 121	connecting socket		1	
- - - E N D - - -					

Model	Year	MG	SG	Illustration	Restrictions	Update	10:13	14.09.2005		ETKA	
IMD	05	1	21	121-40	Diesel-Ind.-Motor 1,9>2,0	559					





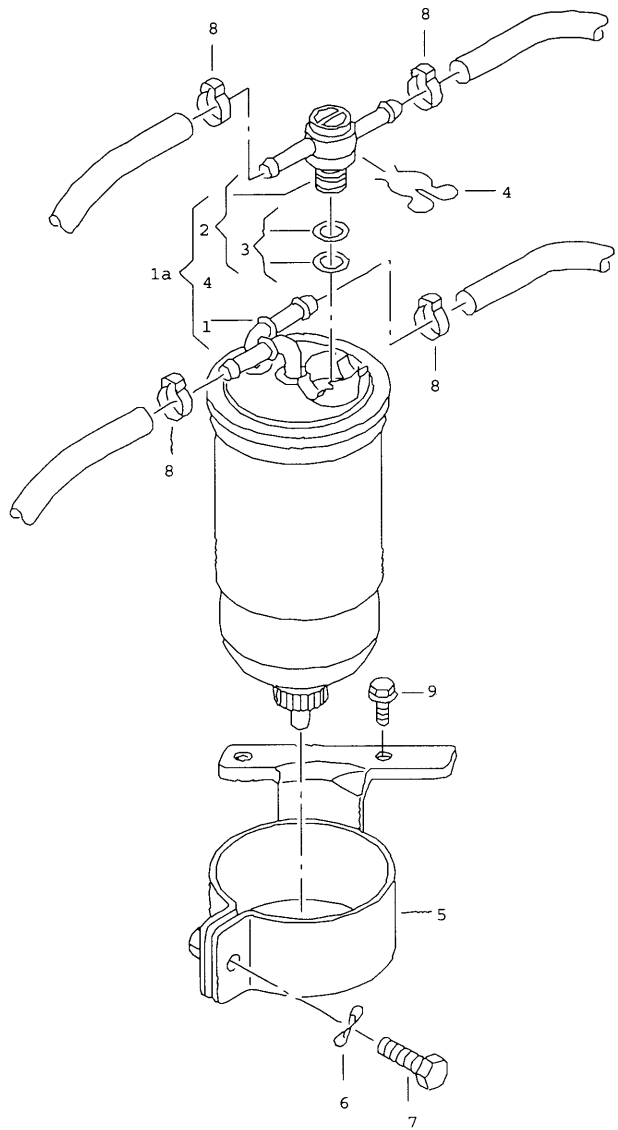
Pos	Part Number	Name	Remarks	Qty	Model
		flange	1.9ltr.		ARD,AVM,BEQ, BEU,BJC
1	038 121 132 C	flange with sealing ring		1	
2	+ 037 121 688	seal	50X3,15	1	
3	06B 145 917	spring-type clip	35X12	1	PR-JR8:BEQ, BJC;BEU
4	036 121 324 B	cap		1	PR-JR8:BEQ, BJC;BEU
5	+ N 903 168 02	round seal	19,6X3,6	1	
6	059 919 501 A	dual temperature sender	4 pin green	1	
7	032 121 142	retaining spring		1	
8	N 104 145 01	hexagon head bolt (combi)	M6X75X37	1	
9	N 902 809 01	hexagon head bolt (combi)	M6X22	1	
(10)	038 121 065 Q	water pipe		1	
-	+ N 906 661 01	cable tie	4,5X200	1	
		hole/sheet metal thickness:	6,5/0,3-3		
-	1H0 971 847 A	clip	23X46	1	
11	06B 121 687	seal	20,5X5,5	1	
12	N 010 227 6	bolt, hexagon head self-locking	M7X12	1	
13	N 905 882 01	allen key head bolt (combi)	M10X25	1	
15	N 906 870 01	spring-type clip	B27X12	1	PR-JR8:BEQ, BJC;BEU
16	4D0 121 324	cap		1	PR-JR8:BEQ, BJC;BEU

Model	Year	MG	SG	Illustration	Restrictions	Update	10:13	14.09.2005		ETKA	
IMD	05	1	21	121-40	Diesel-Ind.-Motor 1,9>2,0	559					





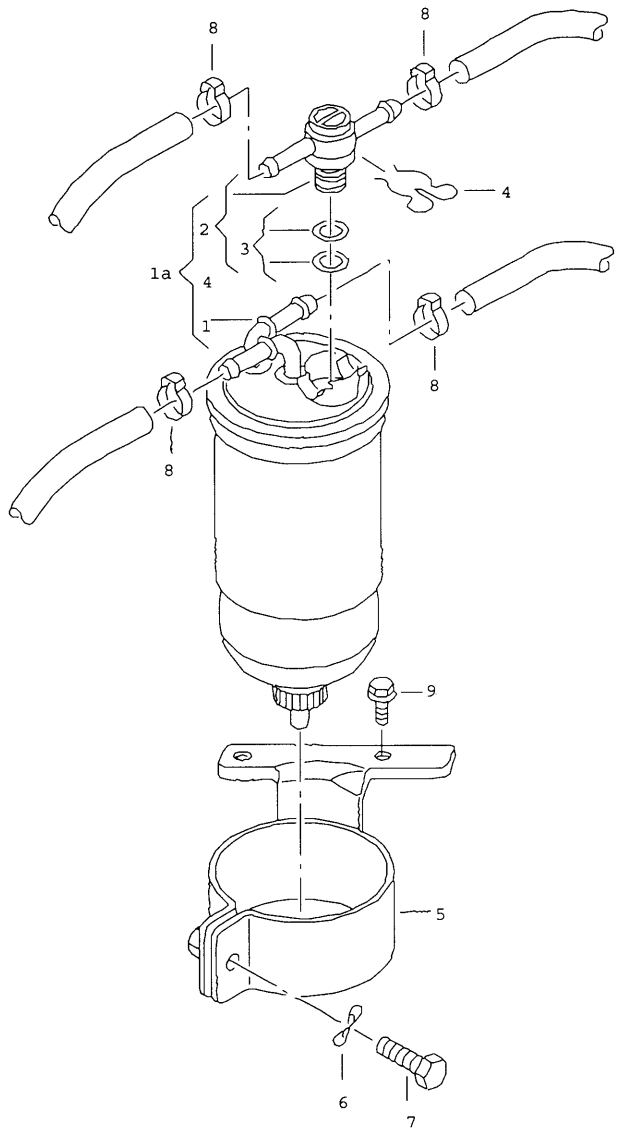
Pos	Part Number	Name	Remarks	Qty	Model
		flange	1.9ltr.		ARD,AVM,BEQ, BEU,BJC
17	N 906 869 01	spring-type clip	23X12	X	PR-JR8:BEQ, BJC;BEU
18	1J0 121 324	cap		1	PR-JR8:BEQ, BJC;BEU
19	1J0 121 086 B	water hose		1	PR-LNO:BEQ, BJC;BEU
- - - E N D - - -					

Model	Year	MG	SG	Illustration	Restrictions	Update	10:13	14.09.2005		ETKA	
IMD	05	1	27	127-05	Diesel-Ind.-Motor 1,9>2,0	559					





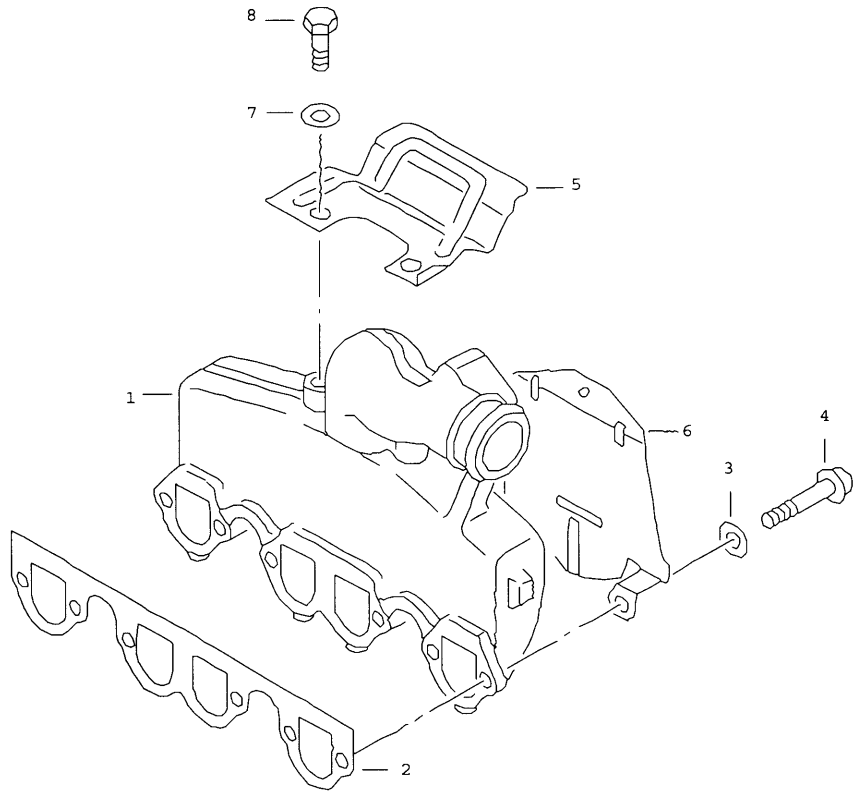
Pos	Part Number	Name	Remarks	Qty	Model
		fuel filter	1.9ltr.		AVM,ARD,BEQ
1	b 1J0 127 401 A	fuel filter		1	
2	1J0 127 247 A	valve		1	
3	1J0 198 247	1 set: round seals		1	
4	1J0 127 250	spring clamp		1	
(5)	1J0 127 225 B	bracket for fuel filter		1	
7	N 044 180 1	fillister hd. bolt	M6X55	1	
8	b N 906 867 01	spring-type clip	B14X12	4	
9	N 100 095 03	hexagon head bolt (combi)	M6X18	2	
- - - E N D - - -					

Model	Year	MG	SG	Illustration	Restrictions	Update	10:13	14.09.2005		ETKA	
IMD	05	1	27	127-05	Diesel-Ind.-Motor 1,9>2,0	559					





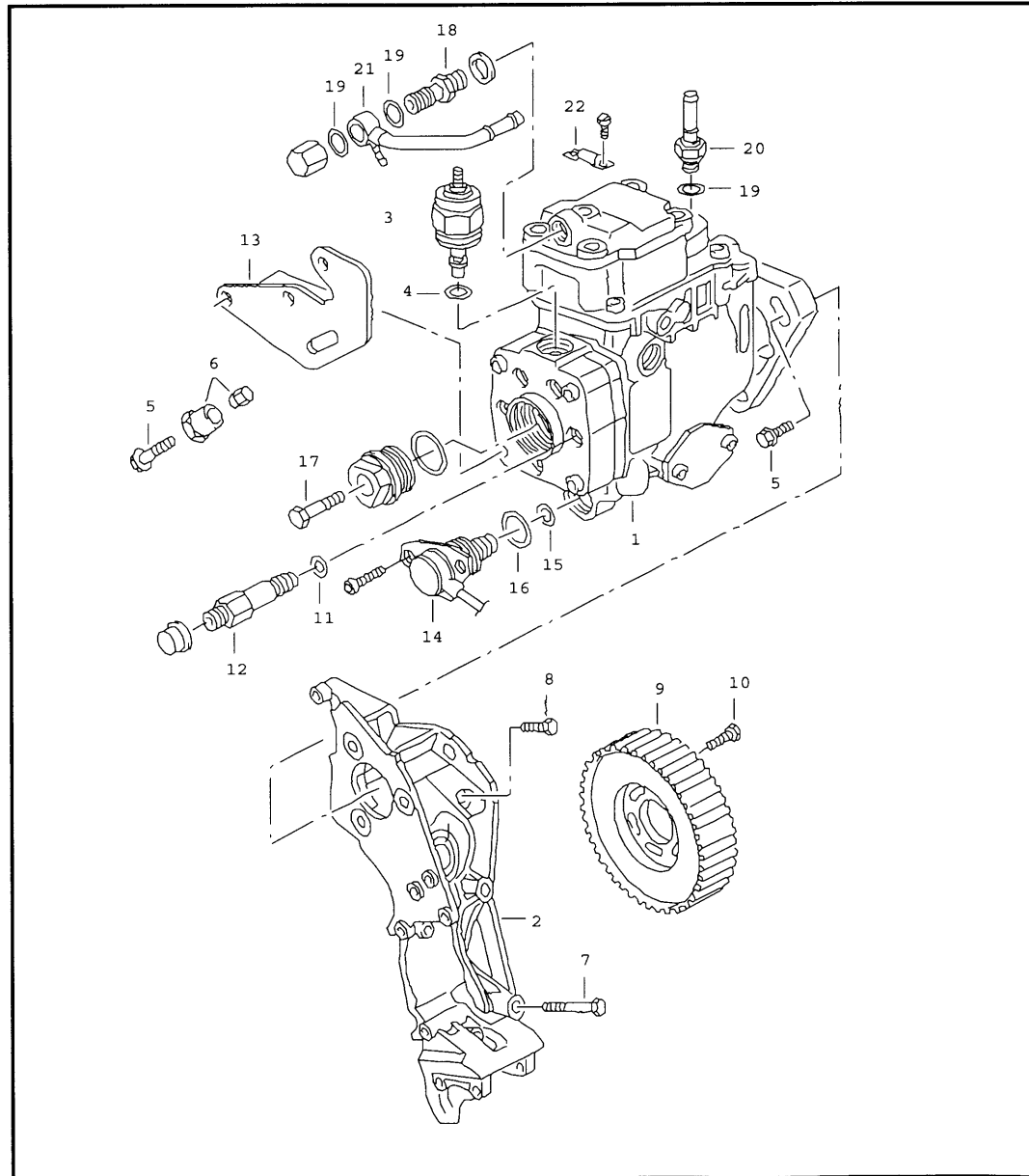
Pos	Part Number	Name	Remarks	Qty	Model
		fuel filter	1.9ltr.		AVM, ARD, BEQ
1	b 1J0 127 401 A	fuel filter		1	
2	1J0 127 247 A	valve		1	
3	1J0 198 247	1 set: round seals		1	
4	1J0 127 250	spring clamp		1	
(5)	1J0 127 225 B	bracket for fuel filter		1	
7	N 044 180 1	fillister hd. bolt	M6X55	1	
8	b N 906 867 01	spring-type clip	B14X12	4	
9	N 100 095 03	hexagon head bolt (combi)	M6X18	2	
- - - E N D - - -					

Model	Year	MG	SG	Illustration	Restrictions	Update	10:16	14.09.2005		ETKA	
IMD	05	1	29	129-05	Diesel-Ind.-Motor 1,9>2,0	559					





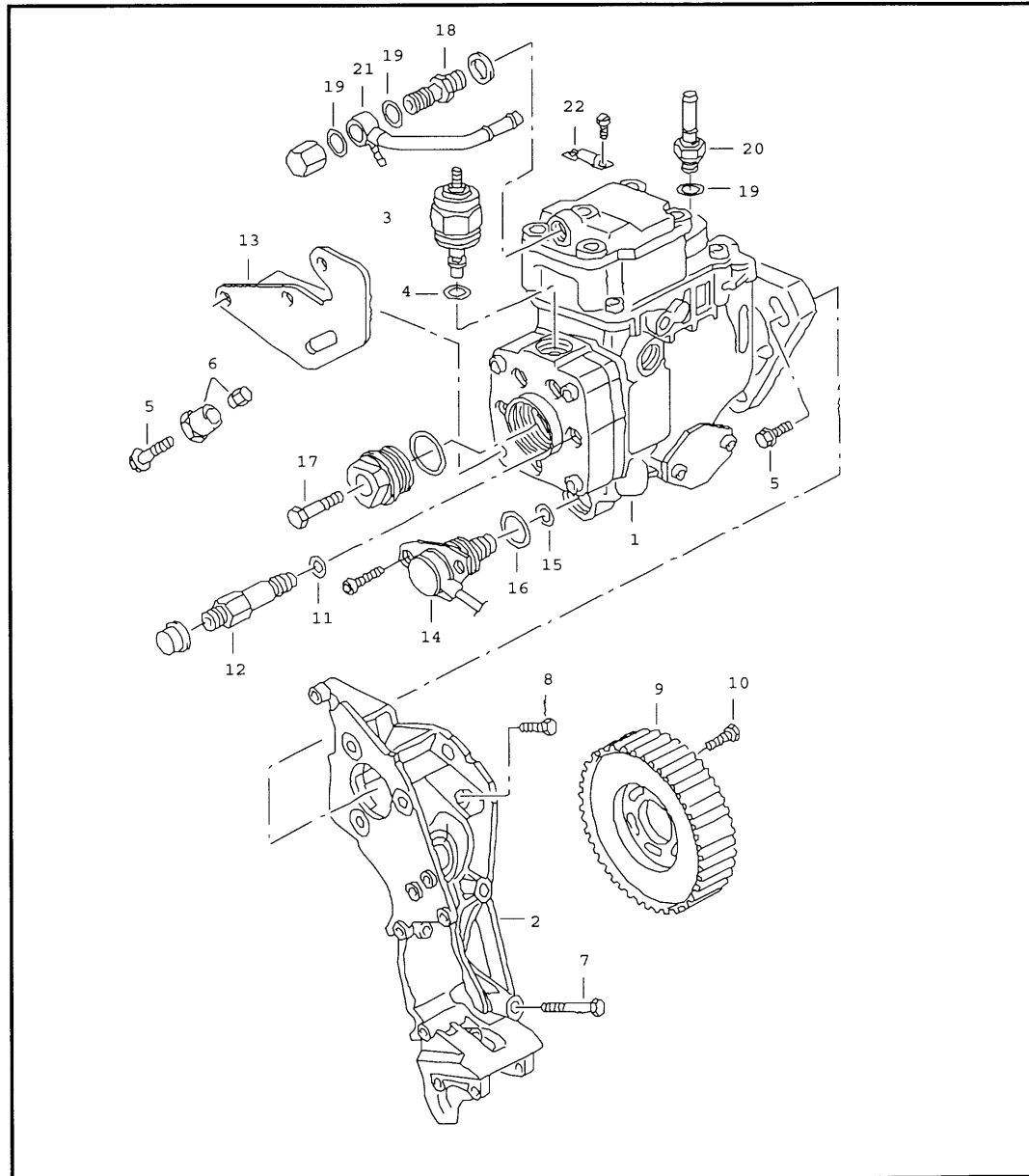
Pos	Part Number	Name	Remarks	Qty	Model
		intake connection	1.9ltr.		AFD,AVM,BEU, BJC
1	028 129 713 T	intake connection		1	AFD
(1)	038 129 713 J	intake connection		1	BEU
(1)	038 129 713 K	intake connection		1	AVM
(1)	038 129 713 AP	intake connection		1	BJC
2	* 028 129 717 D	gasket		1	
3	+ N 011 525 20	washer	A8,4X16X1,6	6	
4	N 014 715 4	allen key head bolt	M8X45	6	
5	028 145 811 B	shield		1	AFD
6	028 145 809 B	shield		1	AFD
7	N 901 791 02	washer	8,2X18X3	2	AFD
8	+ N 010 240 22	bolt, hexagon head self-locking	M8X20MK	2	AFD
- - - E N D - - -					

Model	Year	MG	SG	Illustration	Restrictions	Update	10:16	14.09.2005		ETKA	
IMD	05	1	30	130-15	Diesel-Ind.-Motor 1,9>2,0	559					





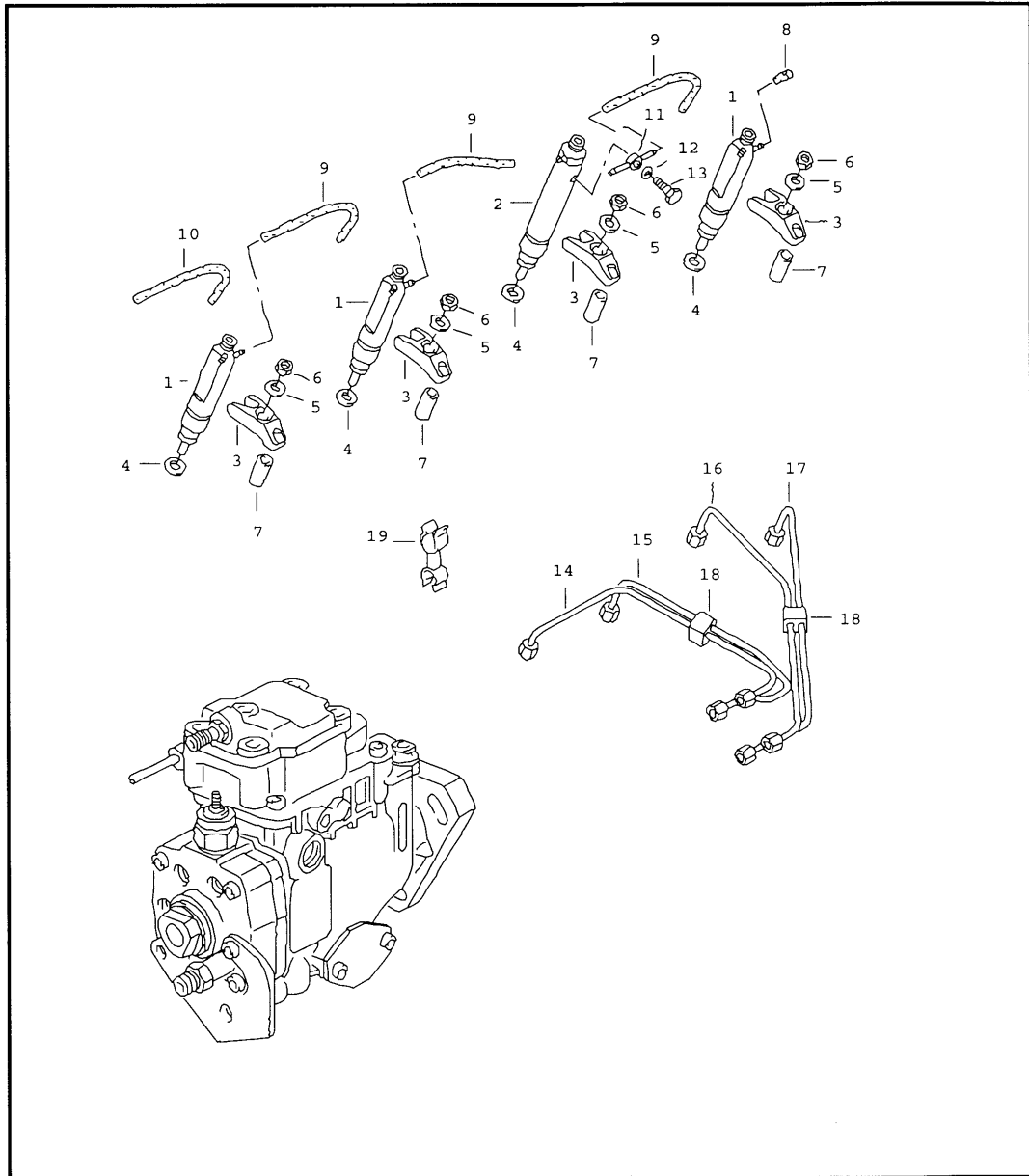
Pos	Part Number	Name	Remarks	Qty	Model
		injection pump	1.9ltr.		AVM, ARD, BEQ, BEU, BJC
(1)	b>038 130 107 J	injection pump		1	AVM
(1)	b#038 130 107 JX	injection pump		1	AVM
(1)	b>038 130 107 B	injection pump		1	ARD, BEQ
(1)	b#038 130 107 BX	injection pump		1	ARD, BEQ
(1)	b 038 130 107 K	injection pump		1	BEU, BJC
(1)	b#038 130 107 KX	injection pump		1	BEU, BJC
2		see illustration:	903-45		
3	028 130 135 F	fuel cut-off solenoid		1	
4	068 130 139	seal for fuel cut-off solenoid		1	
5	N 019 503 5	hexagonal head bolt	M8X35	3	
6	038 130 095	bush		1	
7	N 101 973 01	hexagon head bolt c/w shoulder	BM10X65	4	
8	+ N 102 416 03	hexagon head bolt c/w shoulder	AM10X45-SW16	1	
(9)	038 130 111 B	toothed belt pulley	also use: N 903 285 04	1	
(10)	N 104 032 01	hexagonal head bolt	M8X16	3	
11	* 068 130 787 A	seal		4	
(12)	038 130 795	union	only for: 038 130 107 J	4	AVM

Model	Year	MG	SG	Illustration	Restrictions	Update	10:16	14.09.2005		ETKA	
IMD	05	1	30	130-15	Diesel-Ind.-Motor 1,9>2,0	559					





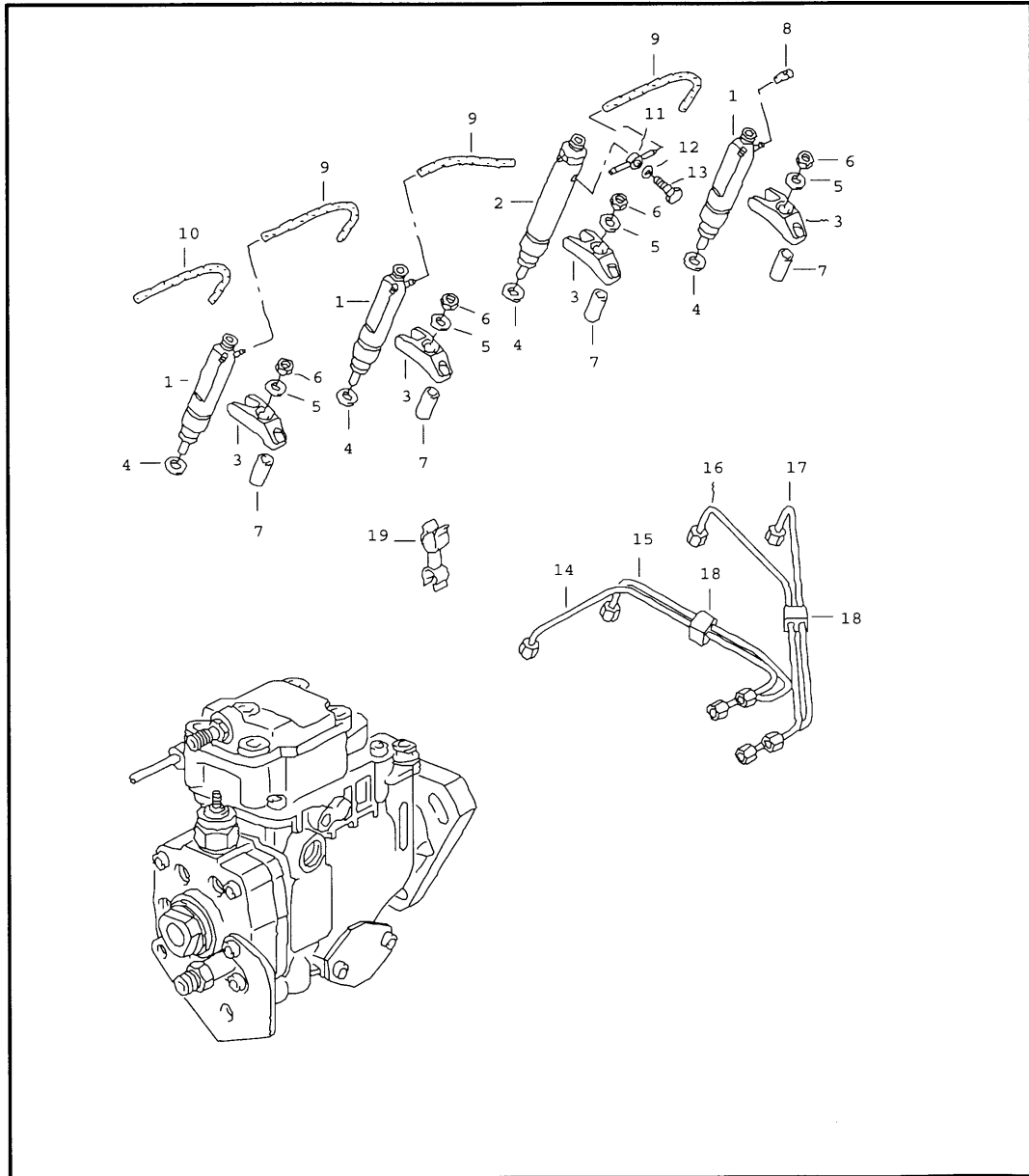
Pos	Part Number	Name	Remarks	Qty	Model
		injection pump	1.9ltr.		AVM, ARD, BEQ, BEU, BJC
(12)	028 130 795 J	union		4	ARD, BEQ, BEU, BJC
			only for:		038 130 107 B 038 130 107 D 038 130 107 K
13	028 130 149 B	support		1	
(14)	038 906 283	solenoid valve for injection pump:	038 130 107 J	1	AVM
(14)	038 906 283 A	solenoid valve for injection pump:	038 130 107 K	1	BEU, BJC
(14)	028 906 283 M	solenoid valve for injection pump:	038 130 107 B 180MM	1	ARD, BEQ
(14)	028 906 283 P	solenoid valve for injection pump:	038 130 107 B 038 130 107 D 300 MM	1	ARD, BEQ, BEU, BJC
15	028 130 684	round seal		1	
16	046 130 684 A	round seal		1	
17	028 130 231	sealing plug		1	
18	028 130 122 B	air supply valve		1	
19	+ N 013 813 1	seal	A12X17	3	
20	074 130 355 C	connecting part	feed	1	
21	038 130 465 A	connecting part	return	1	
22	028 906 040 C	temperature sensor		1	
		- - - E N D - - -			

Model	Year	MG	SG	Illustration	Restrictions	Update	10:17	14.09.2005		ETKA	
IMD	05	1	30	130-45	Diesel-Ind.-Motor 1,9>2,0	559					





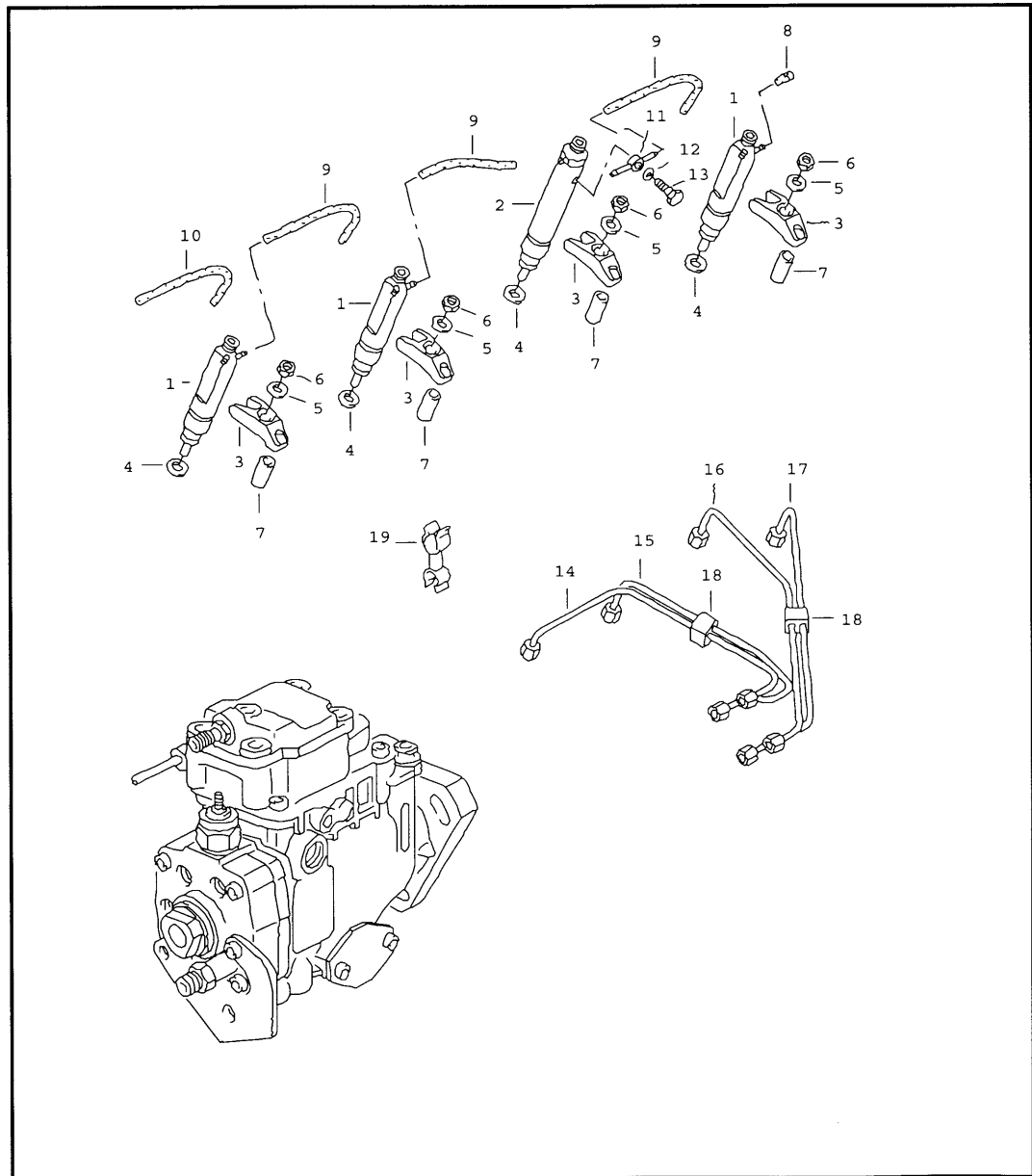
Pos	Part Number	Name	Remarks	Qty	Model
		injector pressure pipes	1.9ltr.		AFD,ARD,AVM, BEQ,BEU,BJC
(1)	#028 130 201 GX	injector complete	cyllinders 1,2 cylinder 4	3	AFD
		M >> AFD 000 499			
(1)	028 130 201 Q	injector complete	cyllinders 1,2 cylinder 4	3	AFD
		M AFD 000 500>> AFD 001 518			
(1)	028 130 203 C	injector complete	cyllinders 1,2 cylinder 4	3	AFD
		M AFD 001 519>>			
(1)	#028 130 202 JX	injector complete	cyllinders 1,2 cylinder 4	3	AVM,BEU,BJC
(1)	028 130 203 F	injector complete	cyllinders 1,2 cylinder 4	3	PR-JY7:ARD
(1)	>028 130 202 R	injector complete	cyllinders 1,2 cylinder 4	3	PR-JY8:BEQ
(1)	#028 130 202 RX	injector complete	cyllinders 1,2 cylinder 4	3	PR-JY8:BEQ
2	028 130 201 J	injector complete	cylinder 3	1	AFD
		M >> AFD 000 499			
(2)	#028 130 201 JX	injector complete	cylinder 3	1	AFD
		M >> AFD 000 499			
(2)	028 130 201 R	injector complete	cylinder 3	1	AFD
		M AFD 000 500>> AFD 001 518			
(2)	028 130 203 D	injector complete	cylinder 3	1	AFD
		M AFD 001 519>>			
(2)	#028 130 202 HX	injector complete	cylinder 3	1	AVM
		M >> AVM 001 800*			
(2)	038 130 201 R	injector complete	cylinder 3	1	AVM
		M AVM 001 801>>*			

Model	Year	MG	SG	Illustration	Restrictions	Update	10:17	14.09.2005		ETKA	
IMD	05	1	30	130-45	Diesel-Ind.-Motor 1,9>2,0	559					





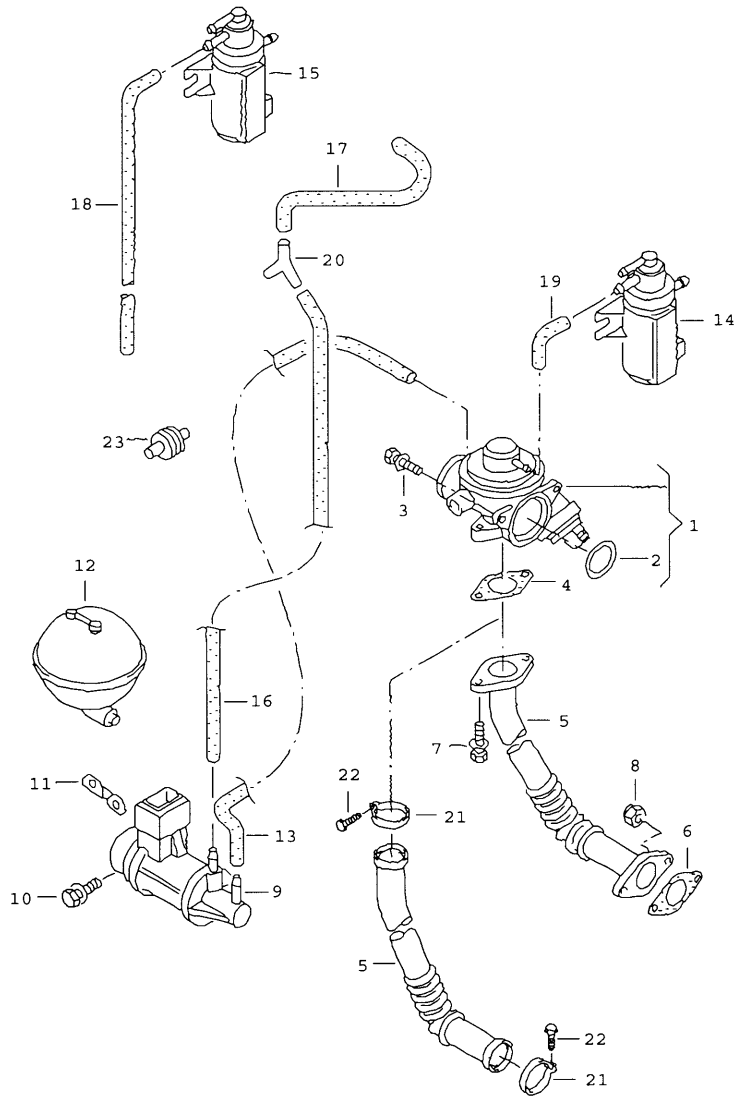
Pos	Part Number	Name	Remarks	Qty	Model
		injector pressure pipes	1.9ltr.		AFD,ARD,AVM, BEQ,BEU,BJC
(2)	038 130 201 R	injector complete	cylinder 3	1	BEU,BJC
(2)	028 130 203 E	injector complete M >> ARD 001 500*	cylinder 3	1	PR-JY7:ARD
(2)	038 130 202 C	injector complete M ARD 001 501>>*	cylinder 3	1	PR-JY7:ARD
(2)	>028 130 202 S	injector complete M >> BEQ 001 500*	cylinder 3	1	PR-JY8:BEQ
(2)	#028 130 202 SX	injector complete M >> BEQ 001 500*	cylinder 3	1	PR-JY8:BEQ
(2)	038 130 202 K	injector complete M BEQ 001 501>>*	cylinder 3	1	PR-JY8:BEQ
3	028 130 206	angled bracket		4	
4	+ 046 130 219 A	seal		4	
5	N 023 731 2	retaining washer	C8,4	4	
6	+ N 010 350 6	hexagonal head bolt	M8X50	4	
7	028 103 316 A	bearing bracket		4	
8	028 130 229 A	cap	3,8MM	1	
-	059 130 329	hose in coils of 5m 'order unit 5'	3,5X1,9 -RME-	*	
		use if required:	N 900 455 01	X	
9		shorten to:	130MM	3	
10		shorten to:	270MM	1	
-	+ N 900 455 01	pipe clip	5X8	1	
11	046 130 121 A	banjo union		1	
12	+ N 013 804 2	seal	A6X10	1	

Model	Year	MG	SG	Illustration	Restrictions	Update	10:17	14.09.2005		ETKA	
IMD	05	1	30	130-45	Diesel-Ind.-Motor 1,9>2,0	559					





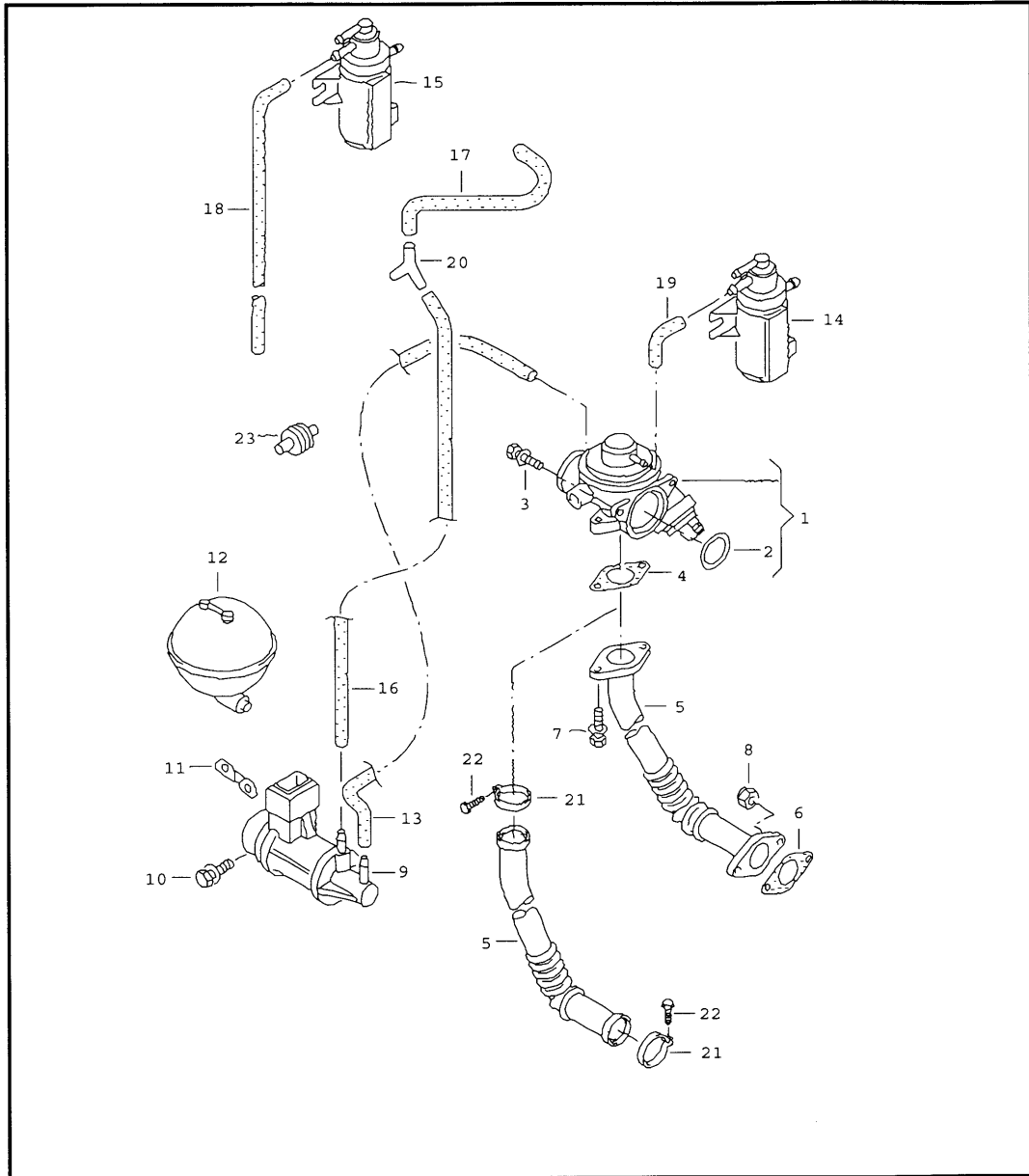
Pos	Part Number	Name	Remarks	Qty	Model
		injector pressure pipes	1.9ltr.		AFD, ARD, AVM, BEQ, BEU, BJC
(18)	068 130 431 C	pipe clip		4	ARD, AVM, BEQ, BEU, BJC
19	N 102 553 01	retainer	A2-7, 2XC2-6	1	
- - - E N D - - -					

Model	Year	MG	SG	Illustration	Restrictions	Update	10:17	14.09.2005		ETKA	
IMD	05	1	31	131-05	Diesel-Ind.-Motor 1,9>2,0	559					



Pos	Part Number	Name	Remarks	Qty	Model
		vacuum system exhaust recirculation	1.9ltr.		AVM, BEU
1	038 131 501 M	exhaust recirculation valve		1	AVM
(1)	045 131 501 C	exhaust recirculation valve M >> BEU 003 100*		1	BEU
(1)	038 131 501 M	exhaust recirculation valve M BEU 003 101>>*		1	BEU
2	N 905 216 01	round seal	55X3-N	1	AVM, BEU
3	N 102 278 03	allen key head bolt (combi)	M6X20	3	AVM, BEU
4	069 131 547 D	gasket	32MM	1	AVM, BEU
5	038 131 521 J	connecting pipe		1	AVM
(5)	038 131 521	connecting pipe		1	BEU
6	038 131 547 A	gasket		1	AVM, BEU
7	N 904 154 03	allen key head bolt (combi)	M8X22-Z1	2	AVM
(7)	N 902 929 02	allen key head bolt (combi)	M8X25	2	BEU
8	+ N 902 002 01	shouldered hex. nut, self-locking	AM8	2	AVM, BEU
9	1J0 906 283 C	solenoid change-over valve		1	AVM, BEU
10	N 101 148 02	allen key head bolt (combi)	M6X15Z1	2	
11	038 131 529	retaining panel		1	AVM, BEU
12	038 129 807	damper		1	
13	038 129 494	connecting hose		1	AVM, BEU

Model	Year	MG	SG	Illustration	Restrictions	Update	10:17	14.09.2005		ETKA	
IMD	05	1	31	131-05	Diesel-Ind.-Motor 1,9>2,0	559					



Pos	Part Number	Name	Remarks	Qty	Model
		vacuum system exhaust recirculation	1.9ltr.		AVM, BEU
14	1J0 906 627	pressure converter (for exhaust gas recirculation valve)		1	AVM, BEU
15	1J0 906 627 A	pressure converter (for turbocharger)		1	
-	N 020 353 5	hose in coils of 5m 'order unit 5'	3,5X2	*	AVM, BEU
16		shorten to:	180MM	1	
17		shorten to:	60MM	1	
18		shorten to:	1000MM	1	
-	N 020 282 1	hose in coils of 5m 'order unit 5'	5X3	*	AVM, BEU
19		shorten to:	360MM	1	
20	056 129 971	y-piece	4/4/4	1	AVM, BEU
23	046 905 291 A	non-return valve		1	
		- - - E N D - - -			





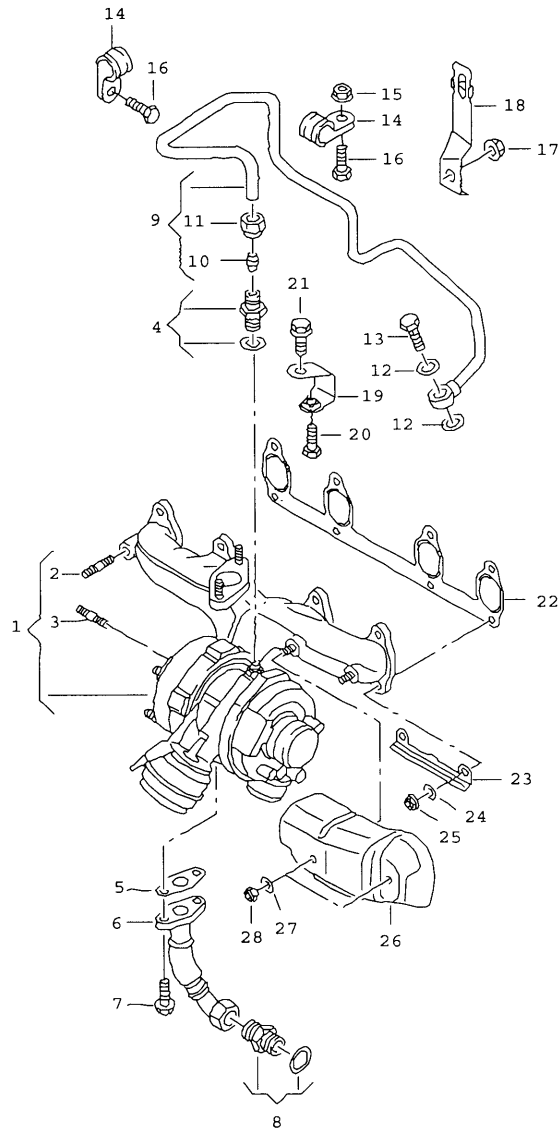
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Model IMD	Year 05	MG 1	SG 45	Illustration 145-05	Restrictions Diesel-Ind.-Motor 1,9>2	Update 559	10:18	14.09.2005
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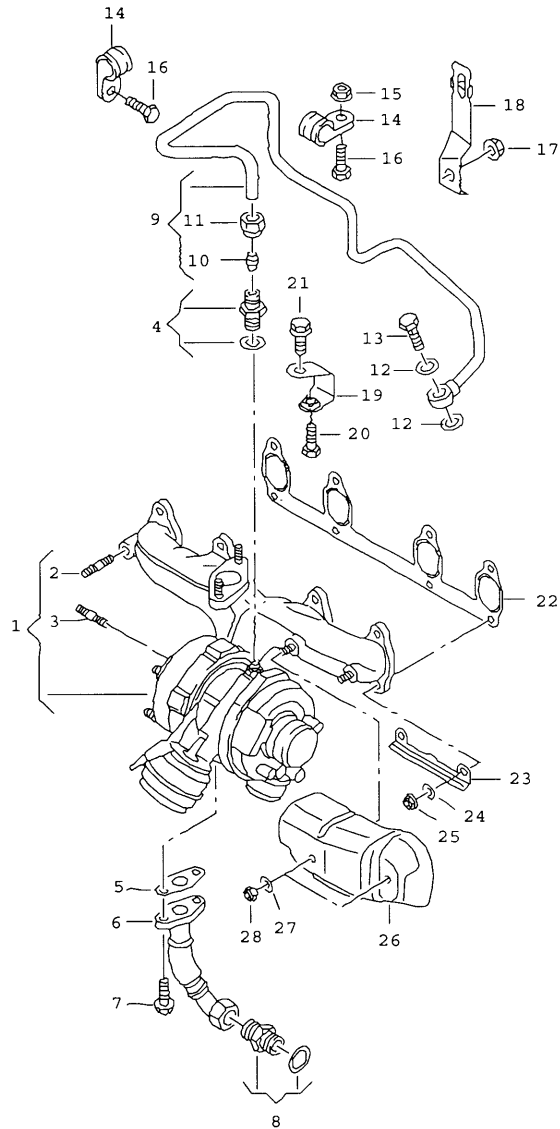
Pos	Part Number	Name	Remarks	Qty	Model
		vacuum pump	1.9ltr.		AVM, ARD, BEU, BEQ, BJC
1	038 145 101 B	vacuum pump		1	
(1)	038 145 101 B	vacuum pump M >> BEQ 004 800*		1	
-	064 145 420	locking cover f. engines without vacuum pump M BEQ 004 801>>*		1	
2	+ 038 145 345	seal		1	
3	N 019 503 5	hexagonal head bolt	M8X35	3	
(3)	N 019 503 5	hexagonal head bolt	M8X35	1	AVM, BJC
(3)	N 908 048 01	double stud with hexagon drive	M8X35	2	AVM, BJC
		- - - E N D - - -			

Model	Year	MG	SG	Illustration	Restrictions	Update	10:18	14.09.2005		ETKA	
IMD	05	1	45	145-30	Diesel-Ind.-Motor 1,9>2,0	559					



Pos	Part Number	Name	Remarks	Qty	Model
1	>038 253 019 C	turbocharger exhaust manifold	1.9ltr. GARRETT		AVM, BJC
		exhaust manifold with turbo-charger	also use: 038 145 535 E	1	
(1)	#038 253 019 CX	exhaust manifold with turbo-charger	GARRETT	1	
			also use: 038 145 535 E	1	
2	N 044 511 3	stud	M8X18	2	
3	N 044 514 5	stud	M8X25	X	
-	3A0 253 115	gasket		1	BJC
-	038 131 925 A	locking cover		1	BJC
-	038 131 547 A	gasket		1	BJC
-	+ N 902 002 01	shouldered hex. nut, self-locking	AM8	2	BJC
4	028 145 786	threaded union with seal	M10X1/M14X1,5	1	
5	028 145 757	gasket		1	
6	038 145 736 C	oil return line		1	
7	+ N 905 927 03	bolt, hex. hd. with shoulder, self-locking	M6X16	2	
8	N 908 371 01	threaded union	A12XM18X1,5	1	
9	038 145 771 D	oil pipe		1	
10	N 020 829 2	die ring	S8	1	
11	N 021 022 2	union nut	AL8	1	
12	+ N 013 812 3	seal	A12X15,5X2,5	2	
13	N 021 071 5	banto bolt	LL8	1	

Model	Year	MG	SG	Illustration	Restrictions	Update	10:18	14.09.2005		ETKA	
IMD	05	1	45	145-30	Diesel-Ind.-Motor 1,9>2,0	559					



Pos	Part Number	Name	Remarks	Qty	Model
		turbocharger exhaust manifold	1.9ltr.		AVM,BJC
14	N 020 609 3	pipe clip	D1-8X15	2	
15	+ N 901 752 03	hexagon nut, shouldered	M6	1	
16	N 100 829 07	hexagon head bolt (combi)	M6X16-Z1	2	
17	038 145 859 C	retainer		1	
18	+ N 902 002 01	shouldered hex. nut, self-locking	AM8	1	
19	038 145 535 E	support		1	
20	+ N 010 247 8	hexagonal head bolt support exhaust manifold with turbo- charger	M8X35	1	
21	N 102 168 02	hexagon head bolt (combi) support crankcase	M10X16	1	
22	037 253 039 F	gasket		1	
23	037 253 047	retainer		1	
24	+ N 900 955 01	washer	8,4X15X4	8	
25	+ N 902 002 01	shouldered hex. nut, self-locking	AM8	8	
26	038 129 969 B	covering		1	
27	+ N 011 558 11	washer	8,4X15X1,6	2	
28	+ N 902 002 01	shouldered hex. nut, self-locking	AM8	2	
		- - - E N D - - -			



ETKA



Model	Year	MG	SG	Illustration	Restrictions	Update	10:18	14.09.2005
IMD	05	1	99	199-00	Diesel-Ind.-Motor 1,9>2	559		

Pos	Part Number	Name	Remarks	Qty	Model
		securing parts for engine	1.9ltr.		AFD,ARD,AVM
1	028 199 351	support		1	AFD
2	+ N 903 086 05	hexagon socket head bolt with collar	M8X14	1	AFD
3	038 199 207 H	support	right	1	AVM
(3)	038 199 207 J	support	right	1	ARD
4	+ N 907 124 01	hexagon head bolt c/w shoulder	M10X85	2	AVM,ARD
5	+ N 102 098 01	hexagonal head bolt	BM10X112	1	AVM,ARD
		- - - E N D - - -			



ETKA



Model	Year	MG	SG	Illustration	Restrictions	Update	10:18	14.09.2005
IMD	05	2	60	260-00	Diesel-Ind.-Motor 1,9>2	559		

Pos	Part Number	Name	Remarks	Qty	Model
		refrigerant compressor connecting and mounting parts for compressor	1.9ltr.		BEQ, BEU, BJC
1	1J0 820 803 K	refrigerant compressor	SD-7-V16	1	
2	1J0 820 811 L	electro-magnetic coupling		1	
3	357 972 741	single wiring seal for wire cross section:	5,6X7,8 blue 1,0	X	
4	8D0 973 822	flat contact housing for single wiring:	2 pin 000 979 133 000 979 134 000 979 134 A 000 979 226	1 X X X X	
5	037 260 921	threaded bush		2	
6	+ N 102 098 01	hexagonal head bolt	BM10X112	2	
7	1J0 298 012	attachment parts for electro- magnetic coupling	SD 7V16	1	
8		see illustration: - - - E N D - - -	903-45		





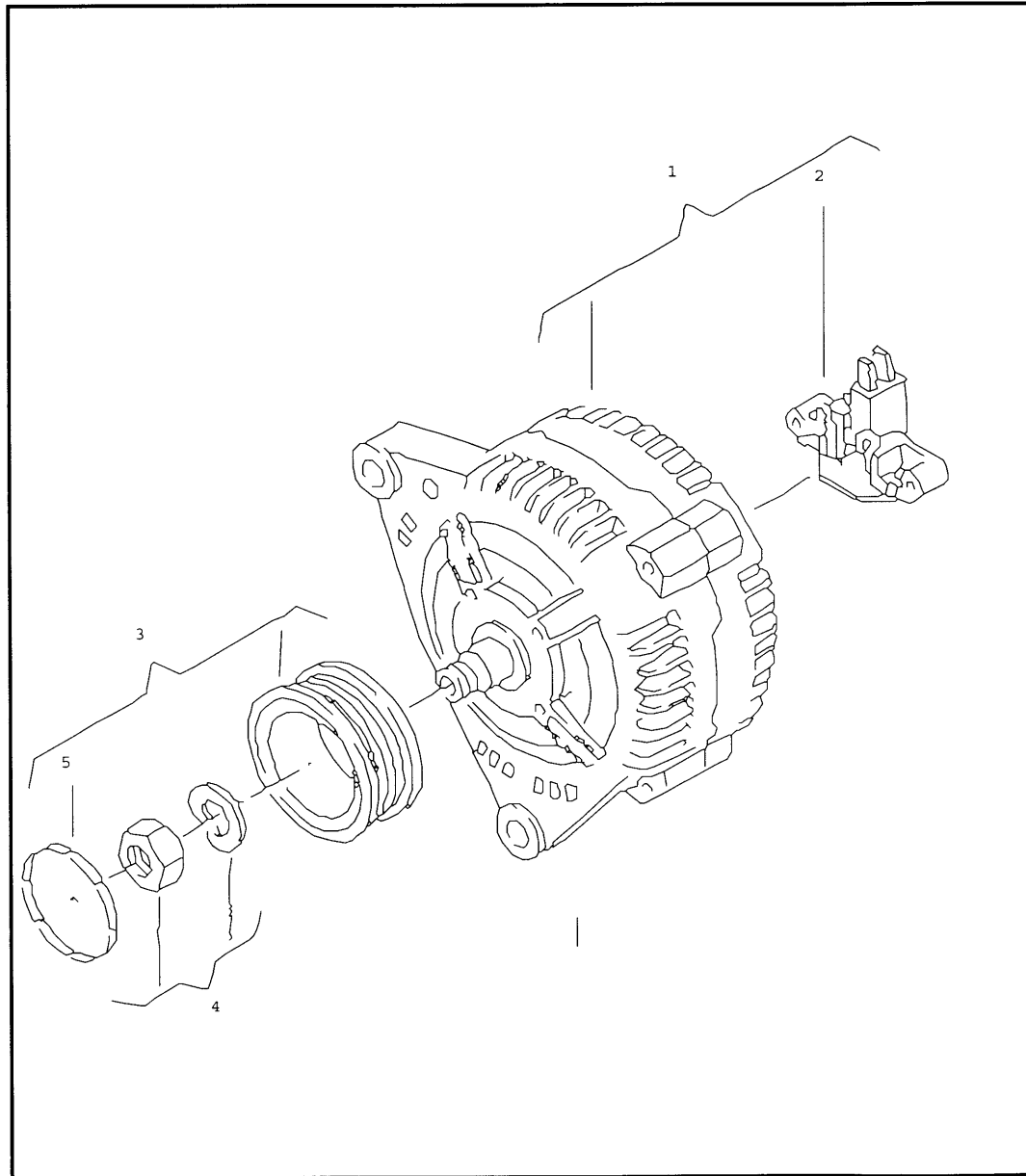
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Model	Year	MG	SG	Illustration	Restrictions	Update	10:19	14.09.2005
IMD	05	9	03	UEB	Diesel-Ind.-Motor 1,9>2	559		

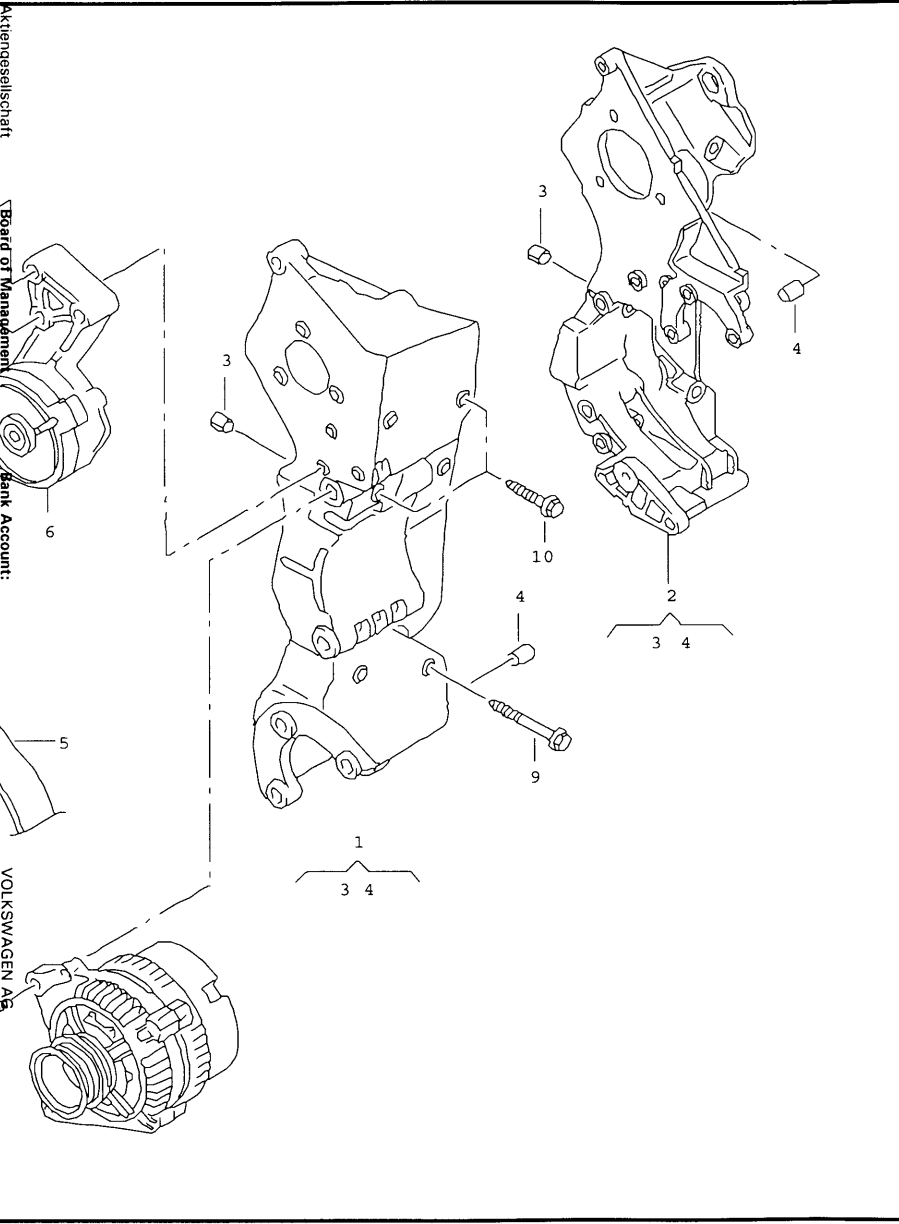
Pos	Part Number	Remarks	Name / Model	Part number
			alternator versions	
1	038 903 023 K	70A BOSCH	AVM, BEQ, BEU; PR-8GM: BJC	038 903 018 P +038 903 119 T #06B 903 018 RX
2	038 903 023 L	90A BOSCH	PR-8GD:BJC	038 903 018 P +038 903 119 T #038 903 018 LX
			- - - E N D - - -	

Model	Year	MG	SG	Illustration	Restrictions	Update	10:19	14.09.2005		ETKA	
IMD	05	9	03	903-10	Diesel-Ind.-Motor 1,9>2,0	559					





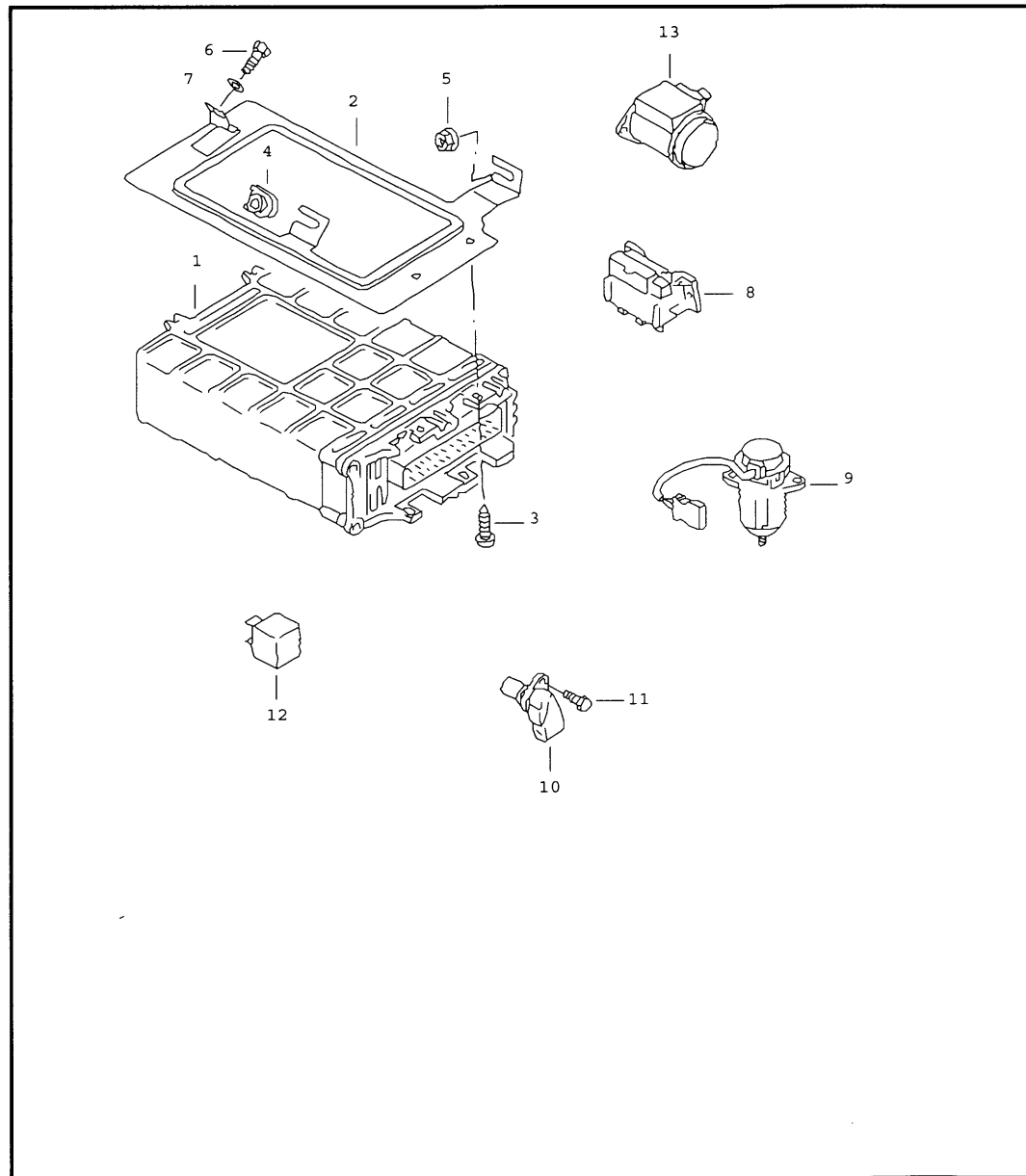
Pos	Part Number	Name	Remarks	Qty	Model
		alternator and single parts	70A/90A		AVM, BEQ, BEU, BJC
1	b 038 903 018 P	alternator	BOSCH	1	
(1)	b#06B 903 018 RX	alternator	BOSCH	1	
(1)	b#038 903 018 LX	alternator	90A BOSCH	1	PR-8GD:BJC
(2)	078 903 803 E	voltage regulator		1	
3	038 903 119 T	poly v-belt pulley with freewheel and cover cap for alternator:	1,2	1	
4	028 903 320 C	repair kit for alternator	M16X1,5	1	
5	037 145 291	protective cap		1	
- - - E N D - - -					

Chairman of the Supervisory Board
 Ferdinand Piëch
 Board of Management
 Bernd Pischetsrieder - Chairman
 Herbert Diener / Pötsch
 Francisco J. Garcia Sainza
 Peter Hartz
 Jens Neumann
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 VOLKSWAGEN AG





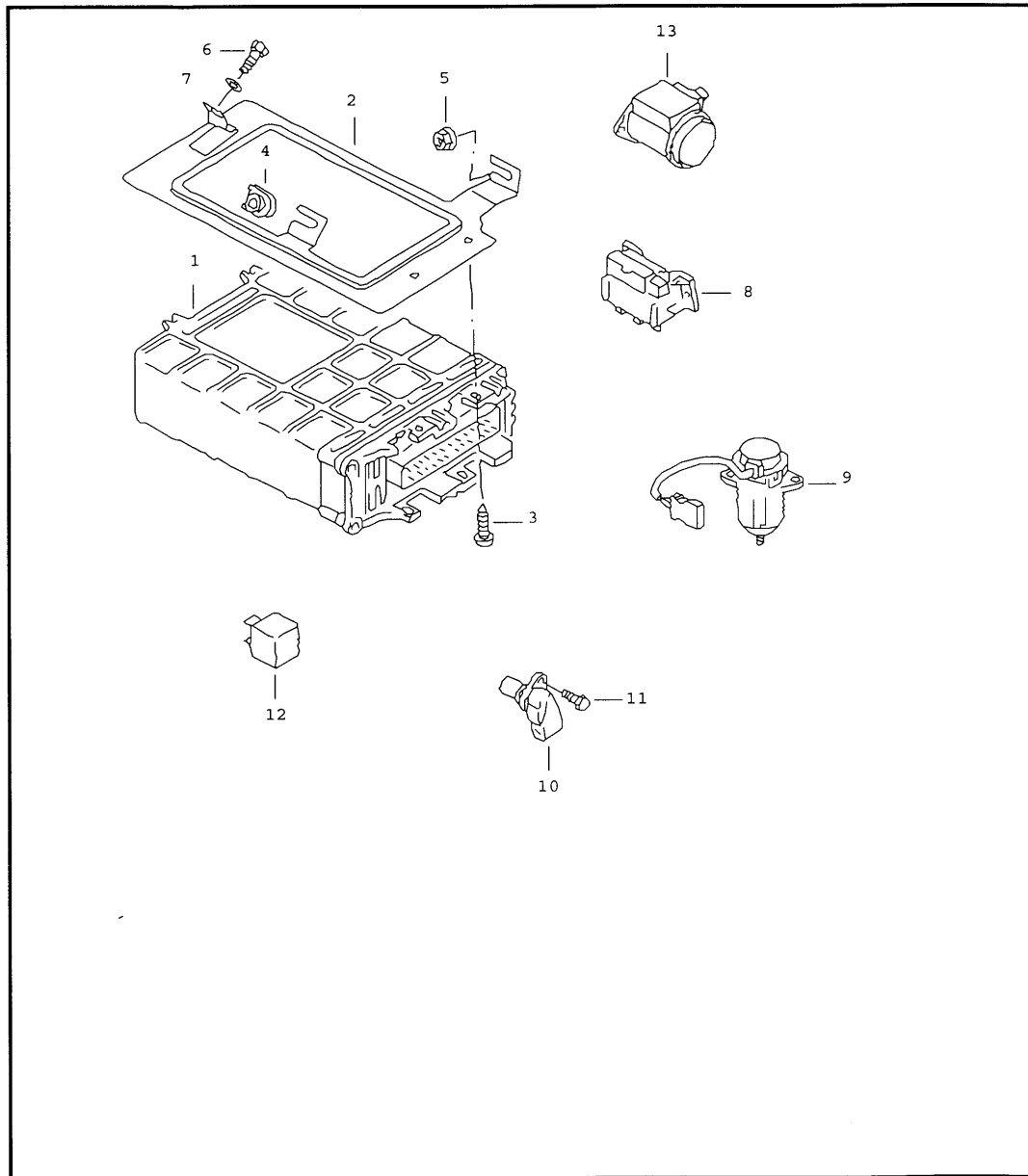
Pos	Part Number	Name	Remarks	Qty	Model
		connecting and mounting parts for alternator ribbed v-belt	1.9ltr.		1.9ltr., BEQ, BJC
1	038 903 139 A	bracket for alternator		1	
2	038 903 139 K	bracket for alternator and refrigerant compressor		1	
3	038 103 139 A	dowel sleeve	13,5X12,5	1	
4	068 903 147 H	bush	8,4X18X19,5	1	
5	b 036 145 933 M	ribbed v-belt	21,18X745MM	1	
6	038 903 315 K	tensioner		1	
8	+ N 102 683 02	hexagon head bolt c/w shoulder	AM8X45	3	
9	N 101 973 01	hexagon head bolt c/w shoulder	BM10X65	4	
10	+ N 102 416 03	hexagon head bolt c/w shoulder	AM10X45-SW16	2	
11	N 106 100 01	hexagon head bolt c/w shoulder	AM8X90-TC	2	
- - - E N D - - -					

Model	Year	MG	SG	Illustration	Restrictions	Update	10:20	14.09.2005		ETKA	
IMD	05	9	06	906-00	Diesel-Ind.-Motor 1,9>2,0	559					





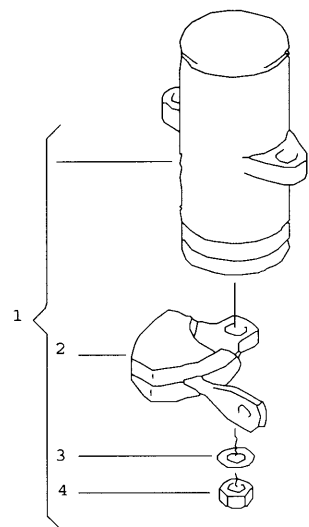
Pos	Part Number	Name	Remarks	Qty	Model
		control unit for glow plug switches and senders on engine air volume meter	1.9ltr.		AFD,AVM,ARD, BEQ,BEU,BJC
(1)	028 906 021 GG	electronic control unit M >> AFD 000 499	'TDI'	1	PR-LK0+AFD
(1)	028 906 021 CS	electronic control unit M AFD 000 500>> AFD 001 518		1	PR-LK0+AFD
(1)	028 906 021 JQ	electronic control unit M AFD 001 519>>		1	PR-LK0+AFD
(1)	038 906 012 GL	control unit for diesel engine	'SDI'	1	BEQ
(1)	038 906 012 GS	control unit for diesel engine	'TDI'	1	AVM
(1)	038 906 012 JG	control unit for diesel engine	'TDI'	1	BEU
(1)	038 906 012 JH	control unit for diesel engine	'TDI'	1	BJC
(2)	1H1 906 329 B	holder for electr. contr. unit		1	AFD
3	+ N 013 970 5	oval head panel screw	B4,8X9,5	2	AFD
4	1H0 906 276	clip		1	AFD
5	+ N 902 867 03	hex. nut, self-locking with washer	M6	1	AFD
6	+ N 014 344 1	bolt, hex. hd. with shoulder, self-locking	M6X18	1	AFD
7	+ N 011 524 23	washer	A6,4X12,5X1,6	1	AFD
(8)	#6X0 953 257 AX	control unit for anti-theft device		1	ARD,AVM,BEQ, BEU,BJC
(9)	028 907 475 A	accelerator pedal sender M >> AFD 000 250*		1	PR-LK0+AFD
(9)	028 907 475 B	accelerator pedal sender M AFD 000 251>>*		1	PR-LK0+AFD
10	028 907 319 B	impulse sender	black	1	AFD

Model	Year	MG	SG	Illustration	Restrictions	Update	10:20	14.09.2005		ETKA	
IMD	05	9	06	906-00	Diesel-Ind.-Motor 1,9>2,0	559					



Pos	Part Number	Name	Remarks	Qty	Model
		control unit for glow plug switches and senders on engine air volume meter	1.9ltr.		AFD,AVM,ARD, BEQ,BEU,BJC
10	028 907 319 B	impulse sender	black	1	AFD
(10)	038 907 319 F	impulse sender	black	1	ARD,AVM,BEQ, BEU,BJC
(10)	038 906 051	thrust sensor		1	AVM
(10)	038 906 051 B	thrust sensor		1	BJC
11	+ N 101 045 01	12-point head bolt	M7X18	1	ARD,AVM,BEQ, BEU,BJC
(11)	+ N 010 215 27	hexagonal head bolt	M6X15	1	AFD
(11)	N 105 695 01	hexagon fillister socket head bolt	M5X16-H	2	BJC
12	1J0 906 381 A	relay		1	PR-LL0+ARD, PR-LK0+AFD, PR-LK4+AVM
13	>028 906 461	air volume meter		1	PR-LK0+AFD
13	#028 906 461 X	air volume meter		1	PR-LK0+AFD
(13)	>038 906 461 B	air volume meter		1	BJC
(13)	#038 906 461 BX	air volume meter		1	BJC
(13)	>06A 906 461	air volume meter		1	AVM
(13)	#06A 906 461 X	air volume meter		1	AVM
-	1J0 907 660 B	oil level sensor		1	BJC
-	N 104 720 01	hexagon socket head bolt with collar	M6X28	3	BJC
		- - - E N D - - -			

Model	Year	MG	SG	Illustration	Restrictions	Update	10:20	14.09.2005		ETKA	
IMD	05	9	06	906-05	Diesel-Ind.-Motor 1,9>2,0	559					



Pos	Part Number	Name	Remarks	Qty	Model
		accelerator pedal sender			AFD,AVM,BEU
1	1J1 721 727 D	accelerator pedal sender		1	
2	4A0 721 757 A	cable plate sector		1	
3	+ N 011 524 23	washer	A6,4X12,5X1,6	1	
4	+ N 011 006 24	hexagonal nut	M6	1	
		- - - E N D - - -			





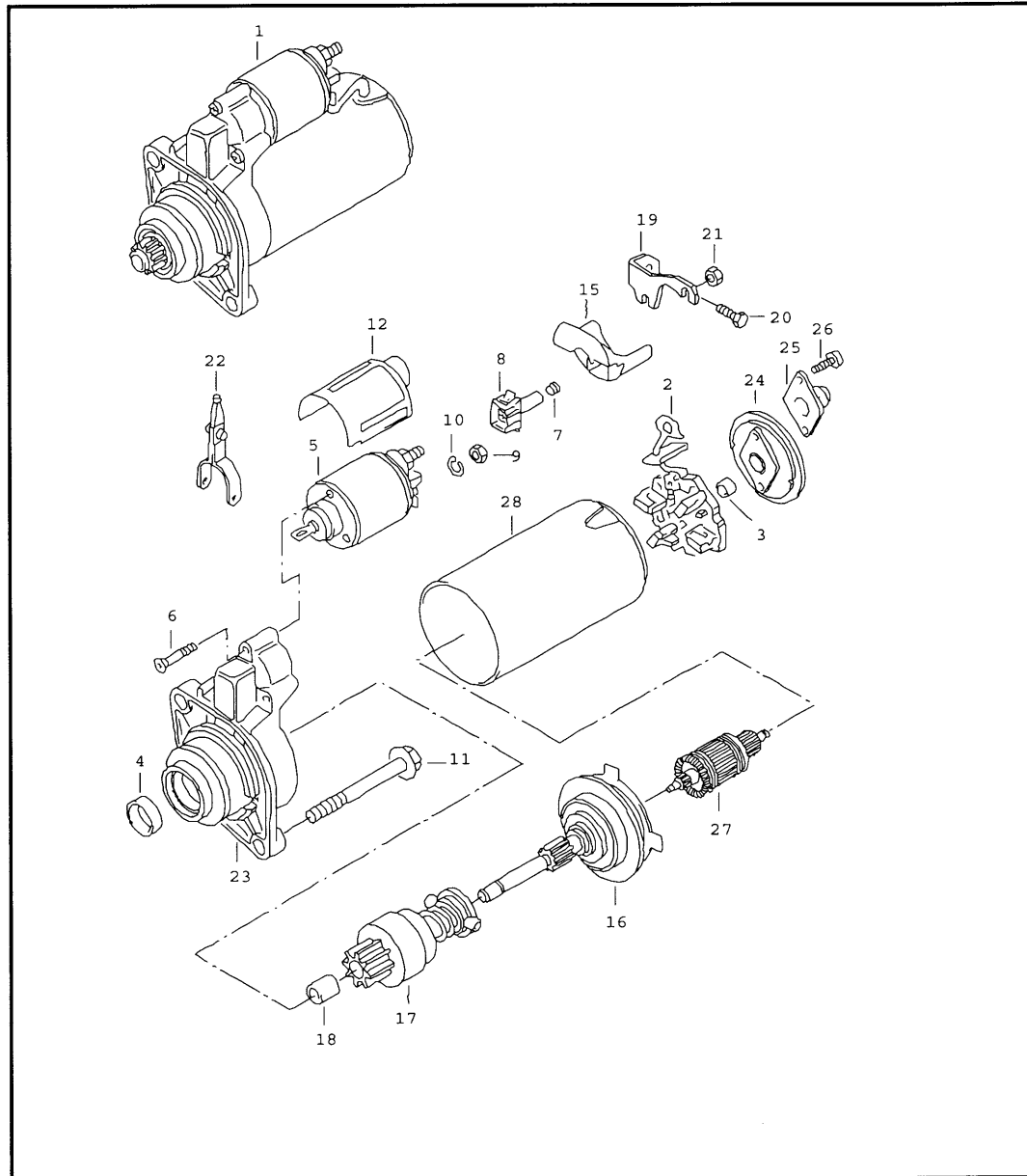
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Model IMD	Year 05	MG 9	SG 11	Illustration UEB	Restrictions Diesel-Ind.-Motor 1,9>2	Update 559	10:21	14.09.2005
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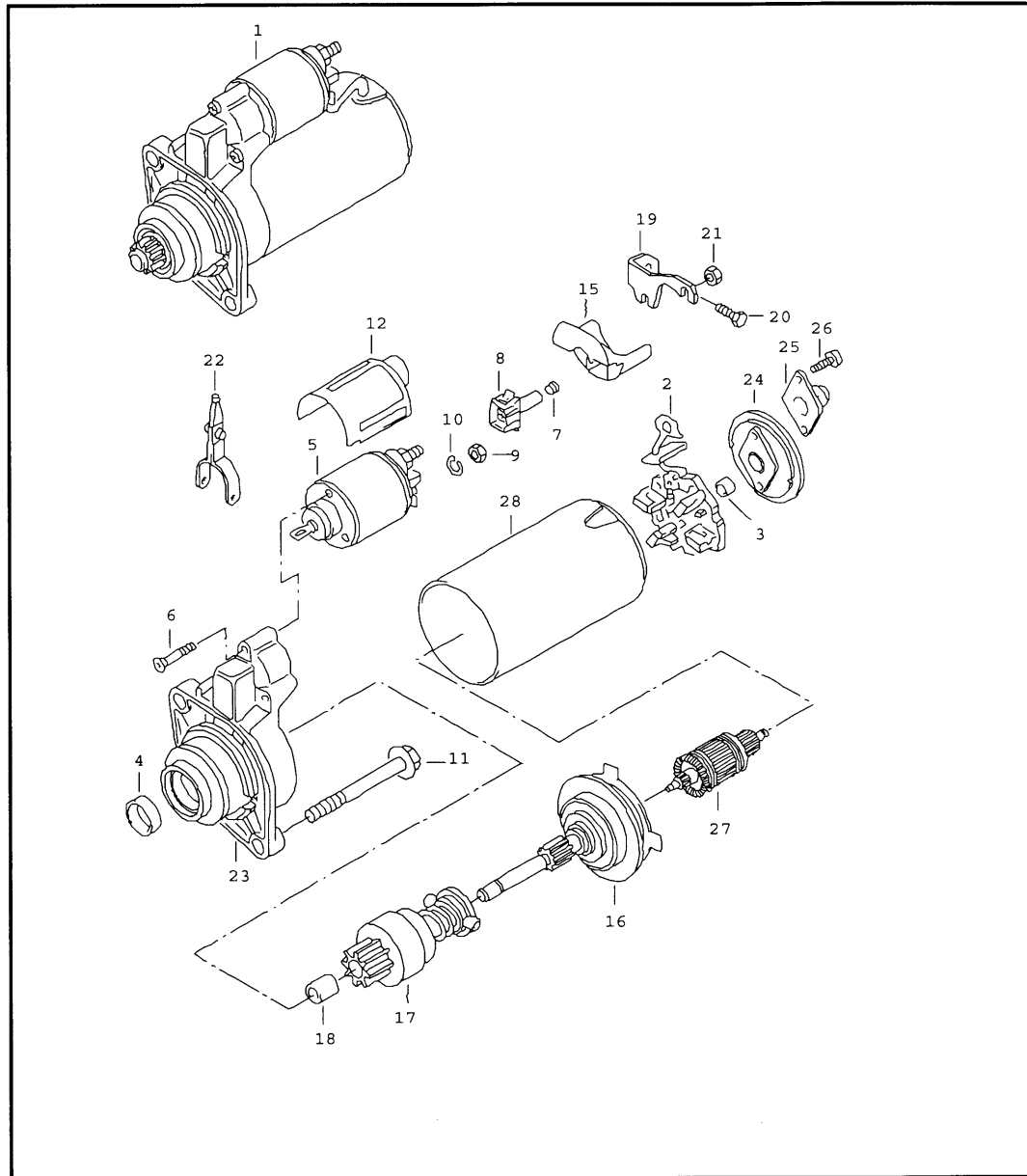
Pos	Part Number	Remarks	Name / Model	Part number
			starter versions	
2	068 911 024 F	BOSCH	M >> AFD 00 PR-LKO:AFD	068 911 024 F #068 911 024 GX
1	068 911 024 G	BOSCH	M AFD 001 601>>*	068 911 024 F #068 911 024 GX
3	02A 911 024 G	VALEO	PR-LK6:BJC	
			- - - E N D - - -	

Model	Year	MG	SG	Illustration	Restrictions	Update	10:21	14.09.2005		ETKA	
IMD	05	9	11	911-15	Diesel-Ind.-Motor 1,9>2,0	559					



Pos	Part Number	Name	Remarks	Qty	Model
		starter	BOSCH		AFD, AVM, BEQ, BEU, BJC
1	b 068 911 024 F	starter	BOSCH 1,8KW	1	
(1)	b#068 911 024 GX	starter	BOSCH 2,0KW	1	
		single parts	BOSCH		
2	059 911 209 A	brush holder plate for starter:	2	1	
(2)	068 911 209 J	brush holder plate for starter:	1	1	
3	035 911 213 B	bearing bush		1	
4	059 911 257 B	bearing bush		1	
5	068 911 287 H	solenoid switch		1	
6	035 911 299 B	torx socket head bolt	M5X33	3	
7	357 972 742 C	single wiring seal for wire cross section:	9,0X7,8 green 4,0	X	
8	357 972 771	flat contact housing	1 pin	1	
9	N 011 118 16	hexagonal nut	BM8	1	
10	N 012 038 7	spring ring	8	1	
11	+ N 010 361 12	hexagonal head bolt	M8X65	2	
(11)	N 907 660 02	double stud with hexagon drive for starter:	BM12X150/M8X16 3	2	
15	8D0 911 483 A	anti-twist retainer		1	
16	068 911 303 F	planetary gear		1	

Model	Year	MG	SG	Illustration	Restrictions	Update	10:21	14.09.2005		ETKA	
IMD	05	9	11	911-15	Diesel-Ind.-Motor 1,9>2,0	559					



Pos	Part Number	Name	Remarks	Qty	Model
		single parts	BOSCH		
16	068 911 303 F	planetary gear		1	
17	068 911 335 H	freewheel unit	for starter: 1	1	
(17)	068 911 335 J	freewheel unit	for starter: 2	1	
18	02B 911 213	bearing bush		1	
21	N 905 126 01	hex. nut with washer	M5	2	
22	02B 911 365	engaging lever		1	
23	068 911 255 S	starter drive housing		1	
26	+ N 014 123 3	fillister hd. bolt	M4X10	2	
		- - - E N D - - -			

Postel, Gerwin (K-FV/4)

Von: Stefanie Sachse [stefanie.sachse@iav.de]
Gesendet: Dienstag, 13. September 2005 14:37
An: Postel, Gerwin (K-FV/4)
Cc: Iris Graham; Jens Nibbe; Klaus Niemann; Herberg, Alexander (K-FV); Loewe, Christian (K-FV/4)
Betreff: Bitte um Mabon-Freigaben

Hallo Gerwin,

für die Darstellung des CTC habe ich trotz deiner Dienstreise folgende Mabonbestellungen ausgelöst:

Pos.	VW-Teile-Nr.	Benennung	St.	Vorgang
01	038 103 153 Q	Dichtflansch	2	115108318
02	038 105 263 H	Zahnrad KW	2	115108321
03	03G 109 239 C	Einlassnockew.	2	115108325

Würdest Du bitte diese Bestellungen freigeben? Vielen Dank!

Schöne Grüße aus dem spätsommerlichen Berlin sendet



Stef.

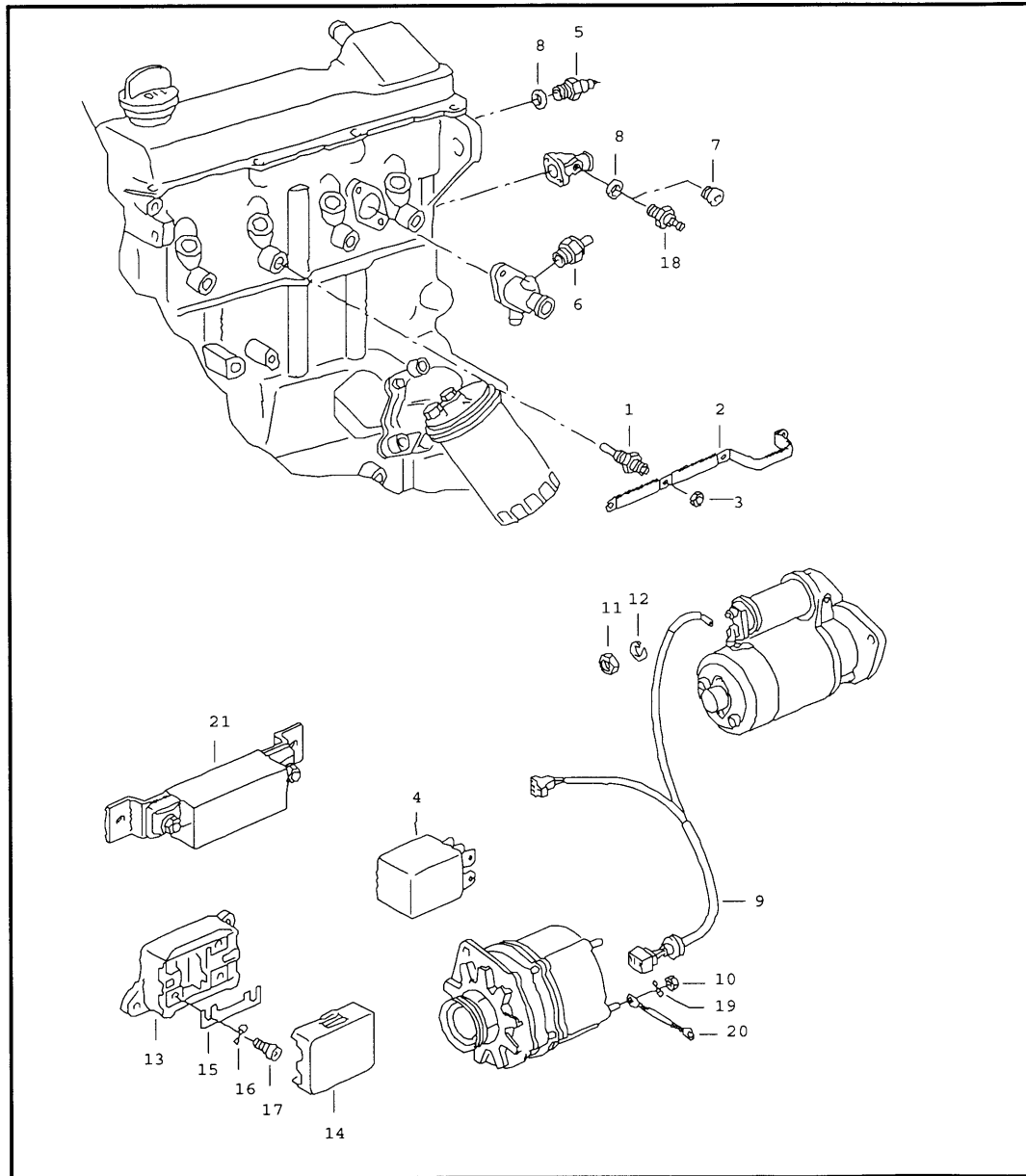
Beschaffung / Transporte Aggregateeinbau DA-A32
Procurement / Transports Driveline Installation, DA-A32

IAV GmbH
Carnotstraße 1
10587 BERLIN
GERMANY



Tel.: +49 30 3 99 78-95 99
Fax: +49 30 3 99 78-98 90

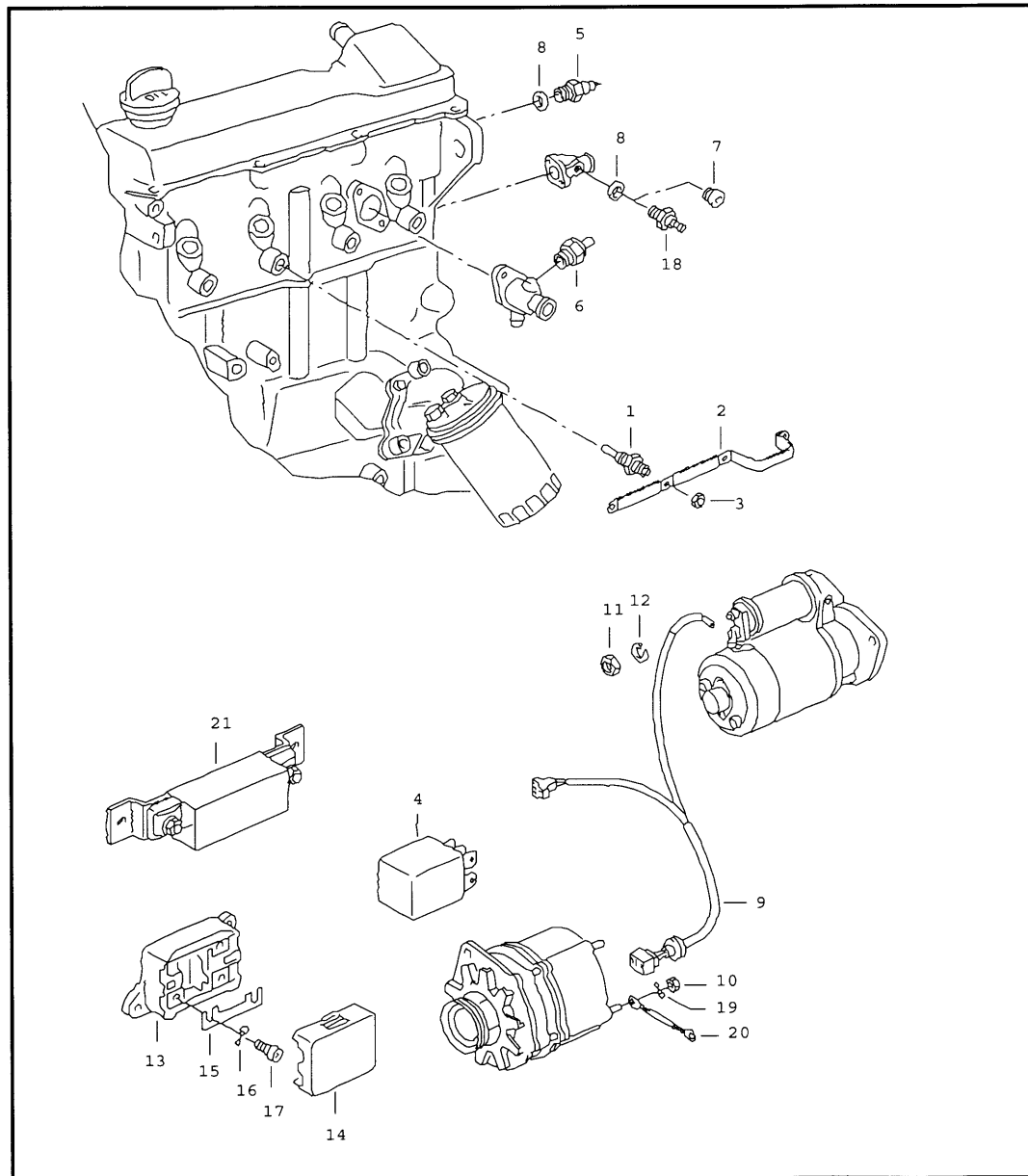
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Model	Year	MG	SG	Illustration	Restrictions	Update	10:22	14.09.2005		ETKA	
IMD	05	9	71	972-00	Diesel-Ind.-Motor 1,9>2,0	559					



Pos	Part Number	Name	Remarks	Qty	Model
		glow plug wiring harness for alternator			028:B, ADE, ADG, AFD, ARD, AVM, BEQ, BEU, BJC
(4)	357 911 253	control unit for glow plug relay location/code no.:	/103	1	028:B; PR-LK0:AFD; PR-LK4:AVM; PR-LC0:BEQ
5	028 919 081 D	oil pressure switch	0,25BAR M10X1 1 pin blue	1	028:B; PR-JF2, JF5: AFD
6	068 919 369	thermal switch for coolant temperature gauge	110C	1	028:B, ADE, ADG, AFD
(6)	251 919 501 D	temperature sender for glow plug relay	2 pin green/black 20MM	1	028:B, ADE, ADG
(6)	6U0 919 501 B	temperature sender for coolant temperature gauge and electronic control unit	20MM 4 pin black/yellow 'DIGIFANT' 'MONOMOTRONIC'	1	AFD
-	+ N 903 168 02	round seal	19,6X3,6	2	028:B
7	N 016 024 1	sealing plug	M10X1	1	M845/028:B
8	+ N 013 811 5	seal	A10X13,5	X	028:B
9	323 971 349 D	wiring harness for alternator		1	028:B, PR-LF1, LF4, LF5, LF6: ADE, PR-LB1, LB4, LB5, LB6: ADG
-	803 971 892	grommet	3X25	1	028:B
-	111 971 921 B	flat terminal pin housing	1 pin	1	028:B

Model	Year	MG	SG	Illustration	Restrictions	Update	10:22	14.09.2005		ETKA	
IMD	05	9	71	972-00	Diesel-Ind.-Motor 1,9>2,0	559					



Pos	Part Number	Name	Remarks	Qty	Model
		glow plug wiring harness for alternator			028:B, ADE, ADG, AFD, ARD, AVM, BEQ, BEU, BJC
-	443 955 665	connecting hose	4X30	1	028:B
- + N	020 902 2	cable tie	6X246	1	028:B
10 + N	011 005 17	hexagonal nut	M5	1	028:B
11 N	011 151 3	hexagonal nut	M8	1	028:B
12 N	012 038 7	spring ring	8	1	028:B
13	281 937 505 A	fuse box without fuses		1	M808/028:B, PR-LF2:ADE, PR-LB2:ADG
14	171 937 555 A	cover		1	M808/028:B, PR-LF2:ADE, PR-LB2:ADG
15 + N	017 125 1	fuse	B50	1	M808/028:B, PR-LF2:ADE, PR-LB2:ADG
16 N	012 225 3	spring washer	B5X11X0,5	2	M808/028:B, PR-LF2:ADE, PR-LB2:ADG
17 + N	014 128 11	fillister hd. bolt	M5X8	2	M808/028:B, PR-LF2:ADE, PR-LB2:ADG
-	251 937 501 B	relay plate	9 pin	1	M808/028:B
- - - E N D - - -					