

Equipment information

Equipment: 00007546570
Type: BA 8M 816
Output: 0000385,0 kW
Speed: 1500 1/min
Build date: 01.07.1991
KLU-Number:
ETL scope: EU201769
MVS: 212

VKU date: 01.07.1991

VKU' date:

Commissioning date:

Begin of guarantee period:

Man. begin of guar. period: no

End of guarantee period:

ID maintenance contract:

ID insurance contract:

Guarantee package:

Assembly group directory

Equipment:	00007546570	Engine type:	BA 8M 816
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ETL scope:	EU201769		

CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0501 8858	Cover	Cover
1	0501 8859	Front cover	Front cover
1	0501 9317	Oil filler neck	Oil filler neck
1	0501 9320	Breather line	Breather line
1	0506 1128	Crankcase	Crankcase
1	0506 1165	Wet air cleaner	Wet air cleaner
1	0506 5080	Rear end cover	Rear end cover
2		Oil pan	
2	0501 8531	Oil pan	Oil pan
2	0501 8876	Additional tank	Additional tank
2	0506 5081	Dipstick	Dipstick
5		Crankshaft	
5	0503 1952	Flywheel	Flywheel
5	0506 0131	Crankshaft	Crankshaft
5	0506 1105	Vibration damper	Vibration damper
6		Connecting rod	
6	0501 8856	Connecting rod	Connecting rod
7		Piston	
7	0503 1951	Piston	Piston
8		Cylinder head	
8	0501 8883	Fastenings	Fastenings
8	0506 1016	Cylinder head	Cylinder head
10		Camshaft	
10	0503 1876	Tachometer	Tachometer
10	0506 0044	Camshaft	Camshaft
11		Timing gears	
11	0501 8415	Valve drive	Valve drive
14		Lube oil pump	
14	0506 1127	Lubricat. oil pump	Lubricat. oil pump
14	0506 5097	Valve seat lubric.	Valve seat lubric.
15		Lube oil/-cooler	
15	0501 8539	Oil cooler	Oil cooler
15	0501 8855	Centrifug.mounting	Centrifug.mounting
15	0501 8887	Lubric. oil filter	Lubric. oil filter
16		Oil pipes	
16	0501 8526	Lubricat. oil line	Lubricat. oil line
16	0501 8535	Lubricat. oil line	Lubricat. oil line
16	0501 8850	Pump assy	Pump assy
16	0501 8889	Lubricat. oil line	Lubricat. oil line
16	0501 9324	Piston cooling	Piston cooling
17		Injection pump	
17	0501 8525	Clutch/coupling	Clutch/coupling
17	0502 7066	Parts of fuel pump	Parts of fuel pump
17	0502 9356	Parts inject.pump	Parts inject.pump
17	0502 9448	Parts of governor	Parts of governor
17	0506 1029	Fuel inject. pump	Fuel inject. pump
18		Injection pump drive	
18	0503 8997	Inject. pump drive	Inject. pump drive

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19		Injector	
19	0502 9151	Parts of injector	Parts of injector
19	0503 1886	Fuel injector	Fuel injector
20		Fuel filter	
20	0501 3045	Solder.nipple	Solder.nipple
20	0502 2383	Fuel duplex filter	Fuel duplex filter
20	0503 1947	Fuel filter assy	Fuel filter assy
21		Fuel pipes/fuel tank	
21	0501 8492	Hose assembly	Hose assembly
21	0501 8493	Accessories	Accessories
21	0501 8586	Hose assembly	Hose assembly
21	0501 8926	Leak off line	Leak off line
21	0503 1680	Fuel line	Fuel line
21	0506 0061	High pressure pipe	High pressure pipe
22		Suction pipe/air cleaner	
22	0503 8854	Wet air cleaner	Wet air cleaner
22	0506 1126	Charge air pipe	Charge air pipe
26		Heater plug installation	
26	0501 8841	Heater system	Heater system
29		Control linkage	
29	0501 8726	Control unit	Control unit
29	0503 1358	Accessories	Accessories
29	0503 1360	Accessories	Accessories
30		Airstarting control	
30	0501 8500	Fastenings	Fastenings
30	0506 1074	Air distributor	Air distributor
32		Starting system	
32	0503 8847	Pneumatic line	Pneumatic line
34		Vibration damper	
34	0503 1361	Cover	Cover
36		Water cooler	
36	0506 1198	Filler cap	Filler cap
37		Cooling water pump	
37	0501 8861	V-grooved pulley	V-grooved pulley
37	0501 8867	Fastenings	Fastenings
37	0501 9408	Cooling water pump	Cooling water pump
37	0503 1322	Drain line	Drain line
37	0503 1344	Belt tensioner	Belt tensioner
37	0506 1122	Fastenings	Fastenings
38		Water pipes	
38	0501 8711	Cooling water line	Cooling water line
38	0503 1695	Cooling water line	Cooling water line
38	0506 0127	Cooling water line	Cooling water line
38	0506 2549	Breather	Breather
38	0506 5085	Water thermostat	Water thermostat
38	0506 5433	Cooling water line	Cooling water line
38	0506 6055	Thermostat	Thermostat
39		Cooling air blower	
39	0506 1125	Set narrow v-belts	Set narrow v-belts

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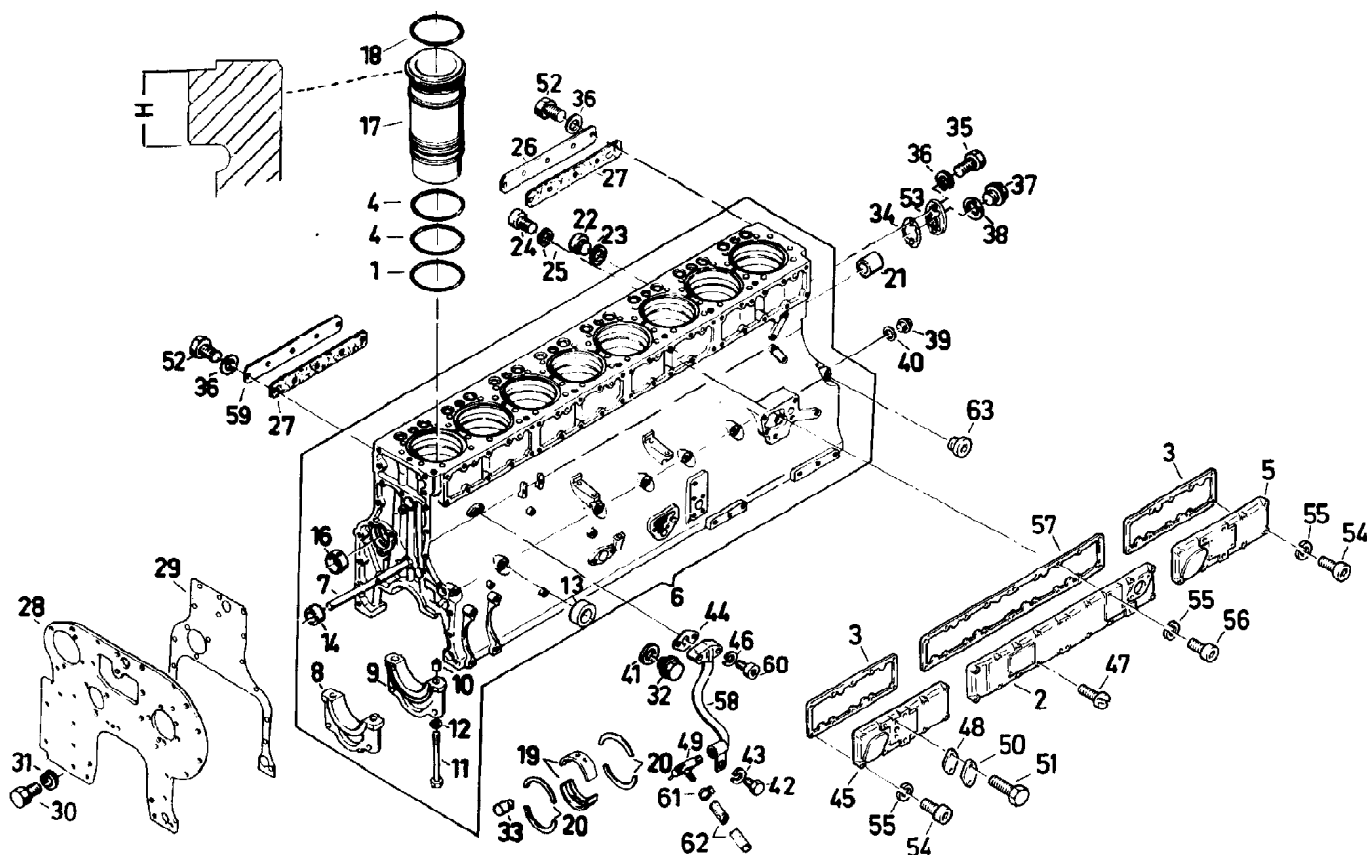
CG	ETL-No.	Designation (en)	Designation (en)
41		Exhaust manifold	
41	0501 8568	Exhaust pipe	Exhaust pipe
41	0501 8785	Corrugated tube	Corrugated tube
41	0501 8845	Expansion joint	Expansion joint
41	0501 8847	Exhaust manifold	Exhaust manifold
41	0501 9348	Insulation	Insulation
41	0503 1388	Hood	Hood
41	0506 5223	Accessories	Accessories
43		Turbocharger	
43	0501 8643	Insulation	Insulation
43	0503 8924	Accessories	Accessories
43	0506 5946	Turbocharger	Turbocharger
46		Engine mounting, rigid	
46	0501 9388	Eyelet bolt	Eyelet bolt
46	0503 1956	Engine mounting	Engine mounting
48		Electrical accessories	
48	0506 1186	Cabling	Cabling
49		Tools	
49	0501 8702	Turn-over gear	Turn-over gear
51		Measuring instruments	
51	0501 8477	Thermometer	Thermometer
51	0506 1173	Pushbutton	Pushbutton
52		Clutch	
52	0503 1689	Driving parts	Driving parts
52	0503 1958	Spacer ring	Spacer ring
56		Engine shutdown	
56	0502 9149	Solenoid	Solenoid
56	0503 1616	Stopping equipment	Stopping equipment
57		V-belt guard	
57	0506 5372	Protection hood	Protection hood
57	0506 5377	Protection hood	Protection hood
58		Intercooler	
58	0501 9391	Cooler assembly	Cooler assembly
58	0506 1034	Charge air pipe	Charge air pipe
58	0506 1188	Drain valve	Drain valve
58	0506 5209	Charge air cooler	Charge air cooler

ETL no.: 0506 1128 Crankcase

Constr. Group: 01

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ETL scope: EU201769

Engine type: BA 8M 816
Speed: 1500 1/min



0506 1128

Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	01162684	Kit ?		8	ST		O-seal	O-seal	
2	04053826	Kit ?		1	ST		Cover	Cover	
3	02157801	Kit ?		2	ST		Gasket	Gasket	
4	01212716	Kit ?		16	ST		O-seal	O-seal	
5	04006233	Kit ?		1	ST		Cover	Cover	
6	04050462	Kit ?		1	ST		Crankcase	Crankcase	
7	02156642	Kit ?		1	ST		Oil pipe	Oil pipe	
10	03373086	Kit ?		18	ST		Dowel bush	Dowel bush	
11	01166940	Kit ?		18	ST		Hexagon bolt	Hexagon bolt	
12	01216105	Kit ?		18	ST		Plain washer	Plain washer	
13	03371220	Kit ?		8	ST		Proportioning plug	Proportioning plug	
14	01165831	Kit ?		1	ST		Core hole plug	Core hole plug	
16	04016171	Kit ?		8	ST		Bearing bush	Bearing bush	
17	04001561	Kit ?		8	ST		Cylinder liner	Cylinder liner	NORMAL H = 12,10 MM (0.4764 IN) REPARATURSTUFE POS.959
18	01178454	Kit ?		8	ST		O-seal	O-seal	
19	04001142	Kit ?		9	ST		Main bearing	Main bearing	NORMAL 119,00 MM RD. (4.6850 I N.) REPARATURSTUFEN POS. 95 0-955

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Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
20	04002998	Kit ?			2	ST		Stop ring	Stop ring	NORMAL 2,985 MM (0.1175 IN.) REPARATURSTUFEN 956-958
21	01115464	Kit ?			2	ST		Straight pin	Straight pin	
22	01215083	Kit ?			1	ST		Screw plug	Screw plug	
23	01118688	Kit ?			1	ST		Sealing ring	Sealing ring	
24	01102193	Kit ?			1	ST		Cheese head screw	Cheese head screw	
25	01118647	Kit ?			1	ST		Sealing ring	Sealing ring	
26	02156517	Kit ?			3	ST		Cover	Cover	
27	02156518	Kit ?			4	ST		Gasket	Gasket	
28	02154085	Kit ?			1	ST		Plate	Plate	
29	03373075	Kit ?			1	ST		Gasket	Gasket	
30	01112412	Kit ?	20	20	5	ST		Hexagon bolt	Hexagon bolt	
31	01102800	Kit ?			5	ST		Lock washer	Lock washer	
32	01118965	Kit ?			6	ST		Screw plug	Screw plug	
33	03362280	Kit ?			2	ST		Locating pin	Locating pin	
34	04006119	Kit ?			1	ST		Gasket	Gasket	
35	01112326	Kit ?	20	20	2	ST		Hexagon bolt	Hexagon bolt	
36	01102799	Kit ?			22	ST		Lock washer	Lock washer	
37	01118980	Kit ?	20	20	1	ST		Screw plug	Screw plug	
38	01118737	Kit ?			1	ST		Sealing ring	Sealing ring	
39	01118989	Kit ?			1	ST		Screw plug	Screw plug	
40	01118784	Kit ?			1	ST		Sealing ring	Sealing ring	
41	01118707	Kit ?			7	ST		Sealing ring	Sealing ring	
42	01112299	Kit ?	20	20	1	ST		Hexagon bolt	Hexagon bolt	
43	01102799	Kit ?			1	ST		Lock washer	Lock washer	
44	03308287	Kit ?			1	ST		Gasket	Gasket	
45	04053574	Kit ?		AW	1	ST		Cover	Cover	
46	01119611	Kit ?			2	ST		Lock washer	Lock washer	
47	01104244	Kit ?		70	1	ST		Cheese head screw	Cheese head screw	
48	01178418	Kit ?		90	1	ST		Gasket	Gasket	
49	01120689	Kit ?		20	1	ST		Drain valve	Drain valve	
50	01211342	Kit ?			1	ST		Oval flange	Oval flange	
51	01112322	Kit ?		20	2	ST		Hexagon bolt	Hexagon bolt	
52	01112307	Kit ?			20	ST		Hexagon bolt	Hexagon bolt	
53	04002352	Kit ?			1	ST		Cover	Cover	
54	01110561	Kit ?		20	24	ST		Cheese head screw	Cheese head screw	
55	01119611	Kit ?			40	ST		Lock washer	Lock washer	
56	01110579	Kit ?			16	ST		Cheese head screw	Cheese head screw	
57	04004217	Kit ?			1	ST		Gasket	Gasket	
58	02150427	Kit ?			1	ST		Drain line	Drain line	
59	04006522	Kit ?			1	ST		Cover	Cover	
60	01126918	Kit ?		20	2	ST		Cheese head screw	Cheese head screw	
61	01166356	Kit ?			1	ST		Hose clip	Hose clip	
62	01170849	Kit ?			1	ST		Hose	Hose	
63	01138667	Kit ?			1	ST		Screw plug	Screw plug	
950	04002982	Kit ?			9	SA		Main bearing	Main bearing	1. REPARATURSTUFE 118,75 MM RD.(4.6752 IN.)
951	04002983	Kit ?			9	SA		Main bearing	Main bearing	2. REPARATURSTUFE 118,50 MM RD. (4.6653 I N.)
952	04002984	Kit ?			9	SA		Main bearing	Main bearing	3. REPARATURSTUFE 118,25 MM RD. (4.6555 I N.)
953	04002986	Kit ?			9	SA		Main bearing	Main bearing	4. REPARATURSTUFE 118,00 MM RD. (4.6457 I

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Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
954	04002987	Kit ?		9	SA		Main bearing	Main bearing	N.) 5. REPARATURSTUFE 117,75 MM RD. (4.6358 I
955	04002988	Kit ?		9	SA		Main bearing	Main bearing	N.) 6. REPARATURSTUFE 117,50 MM RD. (4.6259 I
956	04002999	Kit ?	50	2	SA		Stop ring	Stop ring	N.) 1. REPARATURSTUFE 3,135 MM (0.1234 IN.)
957	04003000	Kit ?		2	SA		Stop ring	Stop ring	2. REPARATURSTUFE 3,285 MM (0.1293 IN.)
958	04003001	Kit ?		2	ST		Stop ring	Stop ring	3. REPARATURSTUFE 3,435 MM (0.1352 IN.)
959	04009718	Kit ?		1	ST		Cylinder liner	Cylinder liner	H = 13,10 MM (0.5157 IN .)