



# Spare Parts Catalog

Engine type: BA 8M 816

Serial number: 06075221



## Assembly group directory

<b>Equipment:</b>	00006075221	<b>Engine type:</b>	BA 8M 816
<b>Output:</b>	0000000,0 kW	<b>Speed:</b>	0000 1/min
<b>ETL scope:</b>	EU196965		

CG	ETL-No.	Designation (en)	Designation (en)
<b>1</b>		<b>Crankcase</b>	
1	0501 8857	Crankcase	Crankcase
1	0501 8858	Cover	Cover
1	0501 8859	Front cover	Front cover
1	0501 8860	Rear end cover	Rear end cover
1	0501 9317	Oil filler neck	Oil filler neck
<b>2</b>		<b>Oil pan</b>	
2	0501 8531	Oil pan	Oil pan
2	0501 8876	Additional tank	Additional tank
2	0503 1370	Dipstick	Dipstick
<b>5</b>		<b>Crankshaft</b>	
5	0501 8869	Vibration damper	Vibration damper
5	0503 1385	Crankshaft	Crankshaft
<b>6</b>		<b>Connecting rod</b>	
6	0501 8856	Connecting rod	Connecting rod
<b>7</b>		<b>Piston</b>	
7	0501 8940	Piston	Piston
<b>8</b>		<b>Cylinder head</b>	
8	0501 8784	Cylinder head	Cylinder head
8	0501 8883	Fastenings	Fastenings
<b>10</b>		<b>Camshaft</b>	
10	0503 1326	Gear train	Gear train
<b>11</b>		<b>Timing gears</b>	
11	0501 8415	Valve drive	Valve drive
<b>14</b>		<b>Lube oil pump</b>	
14	0501 8613	Lubricat. oil pump	Lubricat. oil pump
14	0503 1330	Valve seat lubric.	Valve seat lubric.
<b>15</b>		<b>Lube oil/-cooler</b>	
15	0501 8539	Oil cooler	Oil cooler
15	0501 8855	Centrifug.mounting	Centrifug.mounting
15	0501 8887	Lubric. oil filter	Lubric. oil filter
<b>16</b>		<b>Oil pipes</b>	
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
<b>17</b>		<b>Injection pump</b>	
17	0501 8485	Fuel inject. pump	Fuel inject. pump
17	0501 8525	Clutch/coupling	Clutch/coupling
<b>19</b>		<b>Injector</b>	
19	0501 9356	Fuel injector	Fuel injector
<b>21</b>		<b>Fuel pipes/fuel tank</b>	
21	0501 8492	Hose assembly	Hose assembly
21	0501 8592	Hose assembly	Hose assembly
21	0501 8629	High pressure pipe	High pressure pipe
21	0501 8926	Leak off line	Leak off line
<b>26</b>		<b>Heater plug installation</b>	
26	0501 8841	Heater system	Heater system

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<b>ETL scope:</b>	EU196965		

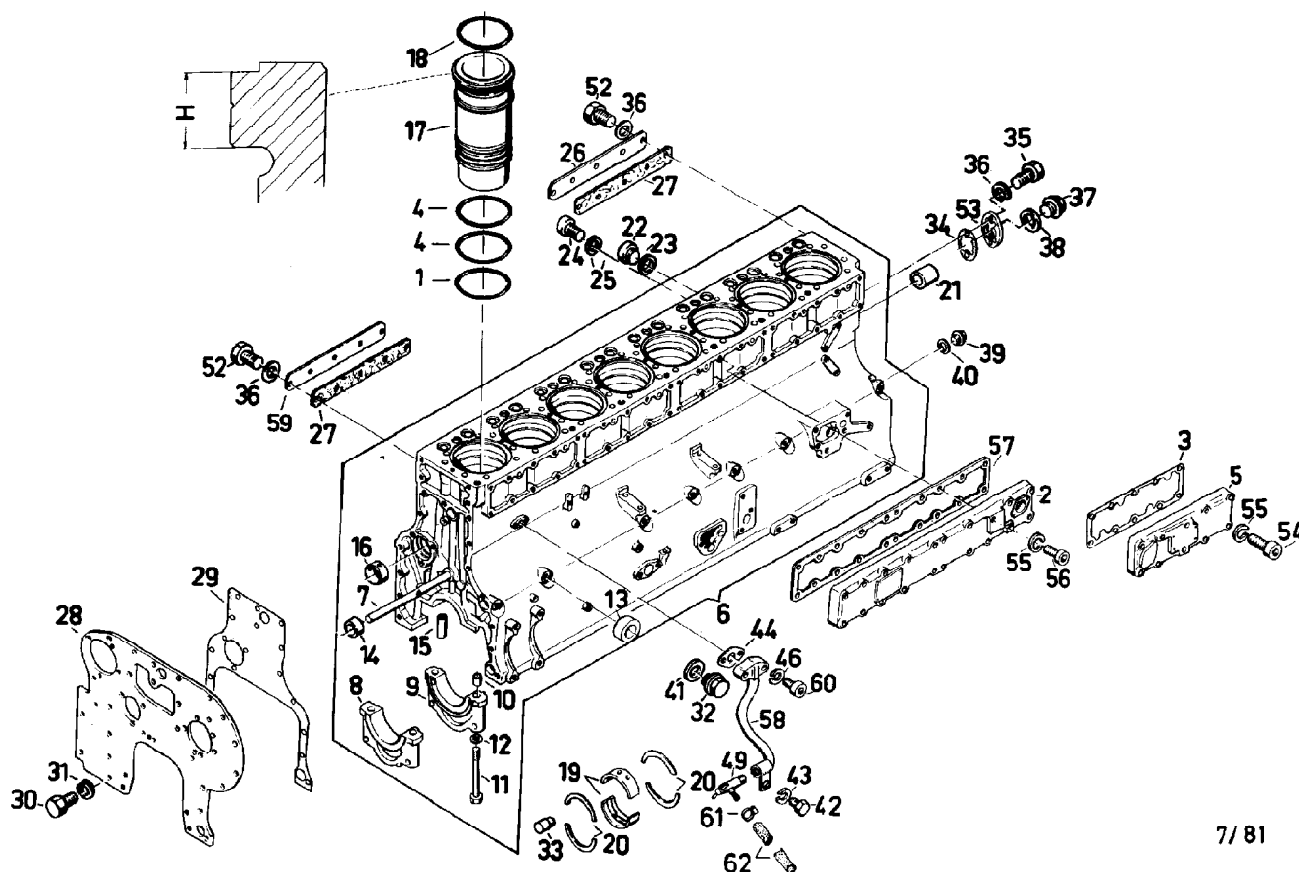
CG	ETL-No.	Designation (en)	Designation (en)
<b>29</b>		<b>Control linkage</b>	
29	0501 8915	Speed setting	Speed setting
<b>34</b>		<b>Vibration damper</b>	
34	0501 8764	Auxiliary drive	Auxiliary drive
<b>37</b>		<b>Cooling water pump</b>	
37	0501 8863	V-grooved pulley	V-grooved pulley
37	0501 8867	Fastenings	Fastenings
37	0501 9408	Cooling water pump	Cooling water pump
37	0503 1322	Drain line	Drain line
37	0503 1344	Belt tensioner	Belt tensioner
<b>38</b>		<b>Water pipes</b>	
38	0501 8711	Cooling water line	Cooling water line
38	0501 9406	Water thermostat	Water thermostat
38	0503 1684	Cooling water line	Cooling water line
<b>39</b>		<b>Cooling air blower</b>	
39	0501 8681	Fan support	Fan support
39	0503 1861	V-grooved pulley	V-grooved pulley
<b>41</b>		<b>Exhaust manifold</b>	
41	0501 8743	Accessories	Accessories
41	0501 8785	Corrugated tube	Corrugated tube
<b>44</b>		<b>Alternator/starter motor</b>	
44	0501 8843	Starter	Starter
44	0503 1363	Generator	Generator
<b>46</b>		<b>Engine mounting, rigid</b>	
46	0501 8907	Engine mounting	Engine mounting
46	0501 9388	Eyelet bolt	Eyelet bolt
<b>48</b>		<b>Electrical accessories</b>	
48	0501 8741	Regulator cut-out	Regulator cut-out
48	0501 8757	Electr.accessories	Electr.accessories
48	0501 8801	Electrical parts	Electrical parts
48	0501 8809	Heater system	Heater system
48	0501 9311	Protecting cap	Protecting cap
48	0503 1676	Indicator light	Indicator light
48	0503 1677	Incandescent lamp	Incandescent lamp
<b>49</b>		<b>Tools</b>	
49	0501 8676	Fitting ring	Fitting ring
49	0501 8677	Toolkit	Toolkit
49	0501 8680	Articul spanner	Articul spanner
49	0503 1619	Toolkit	Toolkit
<b>52</b>		<b>Clutch</b>	
52	0500 4911	Fastenings	Fastenings
52	0501 8697	Connection housing	Connection housing
52	0503 1688	Drive shaft	Drive shaft
<b>57</b>		<b>V-belt guard</b>	
57	0503 1317	Cover	Cover
<b>58</b>		<b>Intercooler</b>	
58	0501 9391	Cooler assembly	Cooler assembly
<b>63</b>		<b>Starting aid</b>	
63	0503 1544	Cool.water preheat	Cool.water preheat

ETL no.: 0501 8857 Crankcase

Constr. Group: 01

Equipment: 00006075221  
Output: 0000000,0 kW  
ETL scope: EU196965

Engine type: BA 8M 816  
Speed: 0000 1/min



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0501 8857

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	01162684	Kit ?			8	ST		O-seal	O-seal	
2	04007547	Kit ?	20	20	1	ST		Cover	Cover	
3	02157801	Kit ?			4	ST		Gasket	Gasket	
4	01212716	Kit ?			16	ST		O-seal	O-seal	
5	04006233	Kit ?			2	ST		Cover	Cover	
6	04009714	Kit ?	10		1	ST		Crankcase	Crankcase	
7	02156642	Kit ?			1	ST		Oil pipe	Oil pipe	
8	03373126	Kit ?			8	ST		Bearing cap	Bearing cap	
9	03373128	Kit ?			1	ST		Bearing cap	Bearing cap	F.PASSLAGER
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	
15	04005025	Kit ?			16	ST		Bush	Bush	
16	04016171	Kit ?			8	ST		Bearing bush	Bearing bush	
17	04001561	Kit ?			8	ST		Cylinder liner	Cylinder liner	NORMAL H=12,1MM (0,4763 79IN) REP.STUFE POS.961
18	01178454	Kit ?			8	ST		O-seal	O-seal	
19	04001142	Kit ?			9	ST		Main bearing	Main bearing	NORMAL 119,00MMRD.(4.68 50IN.) REP.STUFEN(POS.950-955)
20	04002998	Kit ?			2	ST		Stop ring	Stop ring	NORMAL 2,985MM(0,1175IN)

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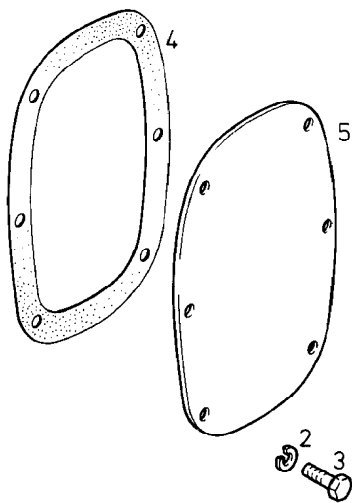
Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
.) REP.STUFEN(POS.956-958)										
21	01115464	Kit ?			2	ST		Straight pin	Straight pin	
22	01215083	Kit ?			1	ST		Screw plug	Screw plug	
23	01118688	Kit ?			1	ST		Sealing ring	Sealing ring	
24	01102193	Kit ?			1	ST		Cheese 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 ?			7	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	
46	01119611	Kit ?			2	ST		Lock washer	Lock washer	
49	01120689	Kit ? 20	20		1	ST		Drain valve	Drain valve	
52	01112307	Kit ?			20	ST		Hexagon bolt	Hexagon bolt	
53	04002352	Kit ?			1	ST		Cover	Cover	
54	01110561	Kit ? 20	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	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	
950	04002982	Kit ?			9	SA		Main bearing	Main bearing	1.REPARATURSTUFE 118,75MMRD.(4.6752IN.)
951	04002983	Kit ?			9	SA		Main bearing	Main bearing	2.REPARATURSTUFE 118,50MMRD.(4.6653IN.)
952	04002984	Kit ?			9	SA		Main bearing	Main bearing	3.REPARATURSTUFE 118,25MMRD.(4.6555IN.)
953	04002986	Kit ?			9	SA		Main bearing	Main bearing	4.REPARATURSTUFE 118,00MMRD.(4.6457IN.)
954	04002987	Kit ?			9	SA		Main bearing	Main bearing	5.REPARATURSTUFE 117,75MMRD.(4.6358IN.)
955	04002988	Kit ?			9	SA		Main bearing	Main bearing	6.REPARATURSTUFE 117,50MMRD.(4.6259IN.)
956	04002999	Kit ?	50		2	SA		Stop ring	Stop ring	1.REPARATURSTUFE 3,135MM(0,1234IN.)
957	04003000	Kit ?			2	SA		Stop ring	Stop ring	2.REPARATURSTUFE 3,285MM(0,1293IN.)
958	04003001	Kit ?			2	ST		Stop ring	Stop ring	3.REPARATURSTUFE 3,435MM(0,1352IN.)
961	04009718	Kit ?			1	ST		Cylinder liner	Cylinder liner	REPARATURSTUFE

ETL no.: 0501 8858    Cover

Constr. Group: 01

Equipment: 00006075221  
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ETL scope: EU196965

Engine type: BA 8M 816  
Speed: 0000 1/min



0501 8858

Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
2	01102799	Kit ?		6	ST		Lock washer	Lock washer	
3	01112307	Kit ?		6	ST		Hexagon bolt	Hexagon bolt	
4	04009980	Kit ?		1	ST		Gasket	Gasket	
5	02150919	Kit ?		1	ST		Cover	Cover	