

**Equipment information**

**Equipment:** 00006536367  
**Type:** BA16M 816  
**Output:** 0000000,0 kW  
**Speed:** 0000 1/min  
**Build date:** 01.09.1981  
**KLU-Number:**  
**ETL scope:** EU052378  
**MVS:** 212

**VKU date:** 01.09.1981

**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: 00006536367  
 Output: 0000000,0 kW  
 ETL scope: EU116749

Engine type: BA16M 816  
 Speed: 0000 1/min

CG	ETL-No.	Designation (en)	Designation (en)
<b>1</b>		<b>Crankcase</b>	
1	0501 8406	Oil line	Oil line
1	0501 8413	Rear end cover	Rear end cover
1	0501 8418	Front cover	Front cover
1	0501 8436	Wet air cleaner	Wet air cleaner
1	0501 8438	Oil filler	Oil filler
1	0501 8450	Crankcase	Crankcase
1	0501 8452	Suspension eye	Suspension eye
1	0501 9314	Breather pipe	Breather pipe
1	0501 9321	Breather	Breather
1	0501 9344	Wet air cleaner	Wet air cleaner
1	0503 1987	Cover	Cover
<b>2</b>		<b>Oil pan</b>	
2	0501 8440	Oil pan	Oil pan
2	0501 9347	Dipstick	Dipstick
<b>5</b>		<b>Crankshaft</b>	
5	0501 8408	Damper	Damper
5	0501 8409	Fastenings	Fastenings
5	0501 8429	Crankshaft	Crankshaft
5	0501 8781	Flywheel	Flywheel
<b>6</b>		<b>Connecting rod</b>	
6	0501 8410	Connecting rod	Connecting rod
<b>7</b>		<b>Piston</b>	
7	0503 1951	Piston	Piston
<b>8</b>		<b>Cylinder head</b>	
8	0501 8637	Fastenings	Fastenings
8	0501 8784	Cylinder head	Cylinder head
<b>10</b>		<b>Camshaft</b>	
10	0501 8699	Tacho drive	Tacho drive
10	0503 1327	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 8401	Lubricat. oil pump	Lubricat. oil pump
14	0501 8457	Valve seat lubric.	Valve seat lubric.
14	0501 8506	Valve seat lubric.	Valve seat lubric.
14	0501 8530	Suction pipe	Suction pipe
<b>15</b>		<b>Lube oil/-cooler</b>	
15	0501 8447	Fastenings	Fastenings
15	0501 8603	Lubric. oil filter	Lubric. oil filter
15	0501 8610	Centrifug.mounting	Centrifug.mounting
15	0503 1339	Oil cooler	Oil cooler
<b>16</b>		<b>Oil pipes</b>	
16	0501 8402	Suction pipe	Suction pipe
16	0501 8442	Semi-rotary pump	Semi-rotary pump
16	0501 8453	Piston cooling	Piston cooling
16	0501 8528	Pressure oil line	Pressure oil line
16	0501 8529	Disch./drain pipe	Disch./drain pipe
16	0501 9371	Lubricat. oil line	Lubricat. oil line

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<b>ETL scope:</b>	EU116749		

CG	ETL-No.	Designation (en)	Designation (en)
<b>17</b>		<b>Injection pump</b>	
17	0501 8549	Fastenings	Fastenings
17	0501 9397	Connection	Connection
17	0502 7064	Parts inject.pump	Parts inject.pump
17	0502 7065	Parts inject.pump	Parts inject.pump
17	0502 7066	Parts of fuel pump	Parts of fuel pump
17	0503 1975	Fuel inject. pump	Fuel inject. pump
<b>18</b>		<b>Injection pump drive</b>	
18	0501 8432	Timing device	Timing device
18	0501 8522	Drive	Drive
<b>19</b>		<b>Injector</b>	
19	0503 1886	Fuel injector	Fuel injector
<b>20</b>		<b>Fuel filter</b>	
20	0501 8520	Fuel duplex filter	Fuel duplex filter
20	0501 8948	Hose assembly	Hose assembly
20	0502 2383	Fuel duplex filter	Fuel duplex filter
<b>21</b>		<b>Fuel pipes/fuel tank</b>	
21	0501 8487	Leak off line	Leak off line
21	0501 8492	Hose assembly	Hose assembly
21	0501 8493	Accessories	Accessories
21	0501 8521	High pressure pipe	High pressure pipe
21	0501 8588	Fuel line	Fuel line
21	0501 8592	Hose assembly	Hose assembly
21	0501 9364	Fastening clip	Fastening clip
<b>22</b>		<b>Suction pipe/air cleaner</b>	
22	0501 8404	Charge air elbow	Charge air elbow
22	0501 8425	Charge air pipe	Charge air pipe
22	0501 8426	Charge air pipe	Charge air pipe
22	0501 8903	Bath air cleaner	Bath air cleaner
22	0503 1578	Protecting cap	Protecting cap
22	0503 1600	Intake pipe/manif.	Intake pipe/manif.
<b>26</b>		<b>Heater plug installation</b>	
26	0501 8816	Heater system	Heater system
<b>34</b>		<b>Vibration damper</b>	
34	0501 8756	Auxiliary drive	Auxiliary drive
<b>37</b>		<b>Cooling water pump</b>	
37	0501 8709	Fastenings	Fastenings
37	0501 8753	Cooling water pump	Cooling water pump
37	0501 8928	Drive	Drive
<b>38</b>		<b>Water pipes</b>	
38	0501 8458	Cooling water line	Cooling water line
38	0501 8631	Cooling water line	Cooling water line
38	0501 8946	Cooling water line	Cooling water line
38	0501 9322	Bracket	Bracket
38	0501 9355	Cooling water line	Cooling water line
38	0501 9357	Cooling water line	Cooling water line
38	0503 1325	Breather line	Breather line
38	0503 1882	Cooling water line	Cooling water line
<b>41</b>		<b>Exhaust manifold</b>	
41	0501 8416	Expansion joint	Expansion joint
41	0501 8461	Support	Support

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CG	ETL-No.	Designation (en)	Designation (en)
41	0501 8462	Exhaust manifold	Exhaust manifold
41	0501 8564	Insulation	Insulation
41	0501 8591	Exhaust pipe	Exhaust pipe
41	0501 8644	Hood	Hood
41	0501 8743	Accessories	Accessories
41	0501 8785	Corrugated tube	Corrugated tube
<b>42</b>		<b>Cranking device</b>	
42	0501 9381	Turn-over gear	Turn-over gear
<b>43</b>		<b>Turbocharger</b>	
43	0501 8640	Hood	Hood
43	0503 1408	Turbocharger	Turbocharger
<b>44</b>		<b>Alternator/starter motor</b>	
44	0501 8454	Starter	Starter
44	0501 8738	Generator	Generator
44	0502 8969	Parts of alternat.	Parts of alternat.
44	0502 8971	Parts start.motor	Parts start.motor
44	0503 1310	Bracket	Bracket
<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 8758	Incandescent lamp	Incandescent lamp
48	0501 8798	Heat.plug tell-tal	Heat.plug tell-tal
48	0501 9378	Hose assembly	Hose assembly
48	0503 1676	Indicator light	Indicator light
48	0503 1677	Incandescent lamp	Incandescent lamp
48	0503 1894	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
<b>51</b>		<b>Measuring instruments</b>	
51	0501 8456	Tacho drive	Tacho drive
51	0501 8477	Thermometer	Thermometer
51	0501 8478	Thermometer	Thermometer
51	0501 8480	Thermometer	Thermometer
51	0501 8491	Accessories	Accessories
51	0501 8773	Pressure gauge	Pressure gauge
51	0501 8779	Pressure gauge	Pressure gauge
51	0501 8799	Tacho indicator	Tacho indicator
51	0501 8833	Tacho generat.assy	Tacho generat.assy
51	0501 8944	Pressure gauge	Pressure gauge
51	0501 9379	Pressure gauge	Pressure gauge
51	0503 1903	Accessories	Accessories
<b>56</b>		<b>Engine shutdown</b>	
56	0501 8794	Shutdown device	Shutdown device
<b>57</b>		<b>V-belt guard</b>	
57	0501 8659	Protection hood	Protection hood
57	0501 9328	Protection hood	Protection hood
57	0501 9335	Protection hood	Protection hood
57	0501 9361	Cover	Cover
57	0503 1630	Protection hood	Protection hood

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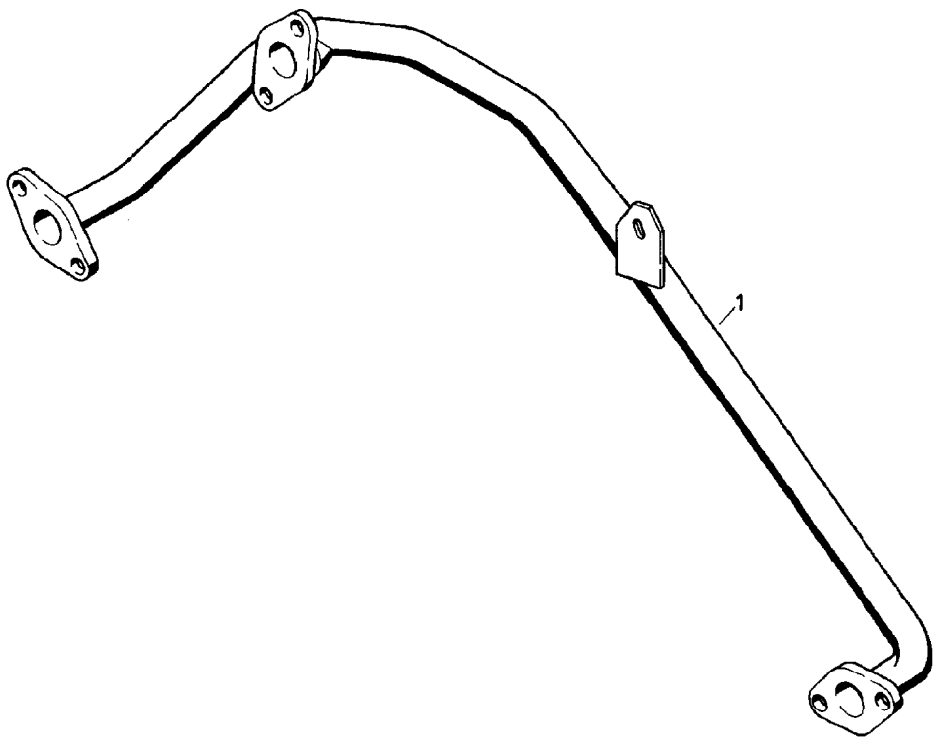
CG	ETL-No.	Designation (en)	Designation (en)
58		Intercooler	
58	0501 8411	Cooler assembly	Cooler assembly
58	0501 8615	Charge air cooler	Charge air cooler
58	0501 8616	Charge air cooler	Charge air cooler

ETL no.: 0501 8406 Oil line

Constr. Group: 01

Equipment: 00006536367  
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ETL scope: EU116749

Engine type: BA16M 816  
Speed: 0000 1/min



0501 8406

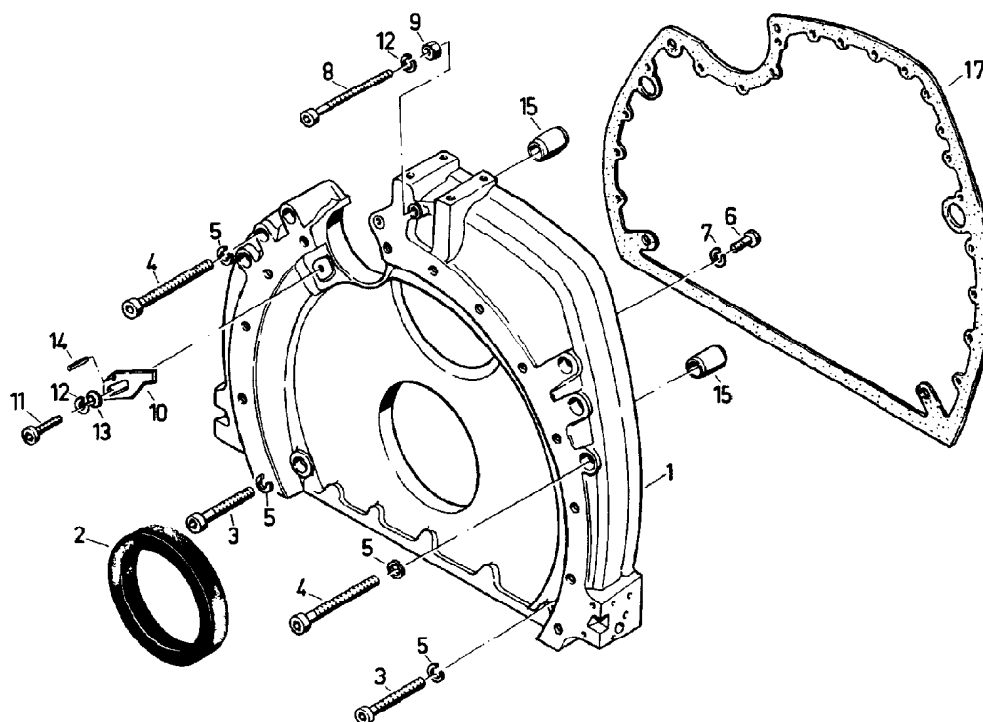
Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	02154353	Kit ?		1	ST		Oil line	Oil line	

ETL no.: 0501 8413 Rear end cover

Constr. Group: 01

Equipment: 00006536367  
 Output: 0000000,0 kW  
 ETL scope: EU116749

Engine type: BA16M 816  
 Speed: 0000 1/min



0501 8413

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	02158175	Kit ?			1	ST		Cover	Cover	
2	12210682	Kit ?			1	ST		Rot.shaft lip seal	Rot.shaft lip seal	
3	01110789	Kit ?			2	ST		Cheese head screw	Cheese head screw	
4	01110794	Kit ? 90	90		6	ST		Cheese head screw	Cheese head screw	
5	01119614	Kit ? 10			8	ST		Lock washer	Lock washer	
6	01112333	Kit ? 20	20		10	ST		Hexagon bolt	Hexagon bolt	
7	01102799	Kit ?			12	ST		Lock washer	Lock washer	
8	01110630	Kit ? 20	20		2	ST		Cheese head screw	Cheese head screw	
9	01112824	Kit ?			2	ST		Hexagon nut	Hexagon nut	
10	03374643	Kit ?			1	ST		Pointer	Pointer	
11	01102193	Kit ?			1	ST		Cheese head screw	Cheese head screw	
12	01119610	Kit ? 10	10		3	ST		Lock washer	Lock washer	
13	01107101	Kit ? 20	20		1	ST		Plain washer	Plain washer	
14	01115312	Kit ?			1	ST		Notched nail	Notched nail	
15	03373094	Kit ?			2	ST		Dowel bush	Dowel bush	
17	03374644	Kit ?			1	ST		Gasket	Gasket	

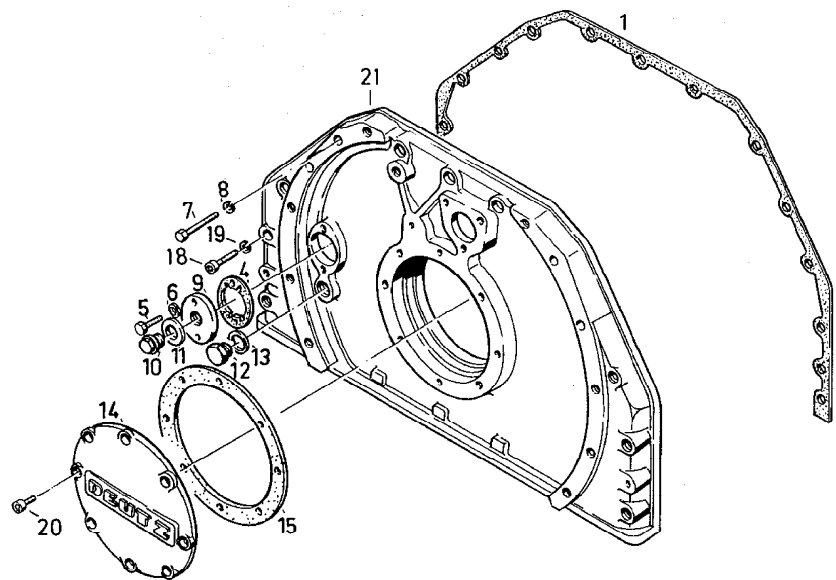
ETL no.: 0501 8418 Front cover

Constr. Group: 01

Equipment: 00006536367  
Output: 0000000,0 kW  
ETL scope: EU116749

Engine type: BA16M 816  
Speed: 0000 1/min

2/80



0501 8418

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	03374587	Kit ?			1	ST		Gasket	Gasket	
4	03373073	Kit ?			1	ST		Gasket	Gasket	
5	01112326	Kit ?	20	20	2	ST		Hexagon bolt	Hexagon bolt	
6	01102799	Kit ?			2	ST		Lock washer	Lock washer	
7	01111179	Kit ?	20	20	2	ST		Hexagon bolt	Hexagon bolt	
8	01102799	Kit ?			2	ST		Lock washer	Lock washer	
9	03373155	Kit ?			1	ST		Cover	Cover	
10	01118980	Kit ?	20	20	1	ST		Screw plug	Screw plug	
11	01118737	Kit ?			1	ST		Sealing ring	Sealing ring	
12	01118989	Kit ?			1	ST		Screw plug	Screw plug	
13	01118783	Kit ?			1	ST		Sealing ring	Sealing ring	
14	03374615	Kit ?			1	ST		Cover	Cover	
15	03374612	Kit ?			1	ST		Gasket	Gasket	
18	01101405	Kit ?	20	20	9	ST		Cheese head screw	Cheese head screw	
19	01119611	Kit ?			9	ST		Lock washer	Lock washer	
20	01102193	Kit ?			8	ST		Cheese head screw	Cheese head screw	
21	02151082	Kit ?			1	ST		Front cover	Front cover	

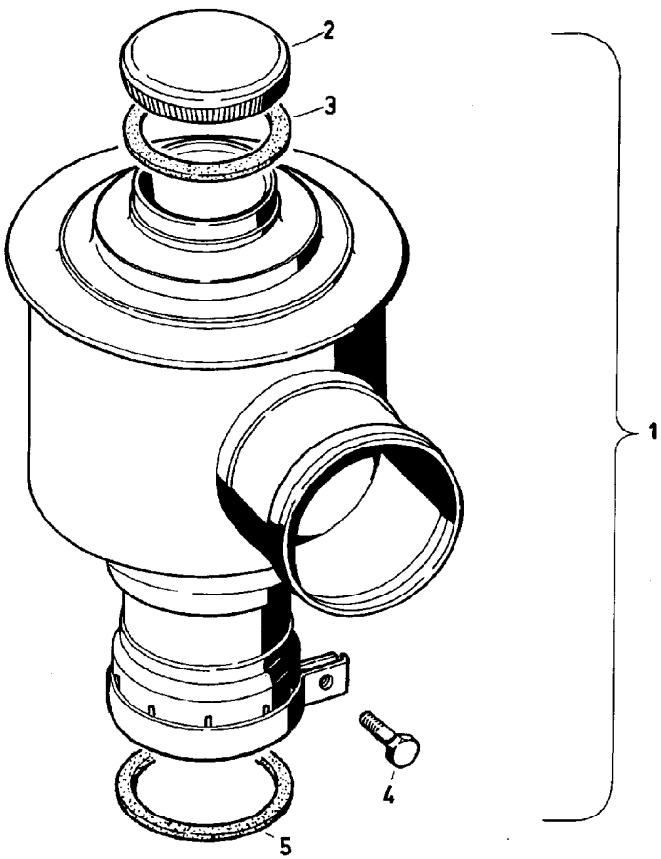


ETL no.: 0501 8436    Wet air cleaner

Constr. Group: 01

Equipment: 00006536367  
Output: 0000000,0 kW  
ETL scope: EU116749

Engine type: BA16M 816  
Speed: 0000 1/min



0501 8436

Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04002238	Kit ? 10	1	ST			Wet air cleaner	Wet air cleaner	
2	04002241	Kit ?	1	ST			Cover	Cover	
3	04002242	Kit ?	1	ST			Rubber ring	Rubber ring	
4	04002243	Kit ? 20	20	1	ST		Hexagon bolt	Hexagon bolt	
5	04002245	Kit ?	1	ST			Rubber ring	Rubber ring	