



# Spare Parts Catalog

BA16M 816 s/n 6920762

**Equipment information**

<b>Equipment:</b>	00006920762
<b>Type:</b>	BA16M 816
<b>Output:</b>	0000000,0 kW
<b>Speed:</b>	0000 1/min
<b>Build date:</b>	01.10.1983
<b>KLU-Number:</b>	
<b>ETL scope:</b>	EU061026
<b>MVS:</b>	212
<b>Customer:</b>	MWM Asia Pacific
<b>Location:</b>	Singapore
<b>Country:</b>	Singapore
<b>VKU date:</b>	01.10.1983
<b>VKU' date:</b>	
<b>Commissioning date:</b>	
<b>Begin of guarantee period:</b>	
<b>Man. begin of guar. period:</b>	no
<b>End of guarantee period:</b>	
<b>ID maintenance contract:</b>	
<b>ID insurance contract:</b>	
<b>Guarantee package:</b>	

## Assembly group directory

Equipment: 00006920762  
 Output: 0000000,0 kW  
 ETL scope: EU061026

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 8417	Front cover	Front cover
1	0501 8436	Wet air cleaner	Wet air cleaner
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
1	0503 8977	Crankcase	Crankcase
<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
<b>17</b>		<b>Injection pump</b>	

<b>Equipment:</b>	00006920762	<b>Engine type:</b>	BA16M 816
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<b>ETL scope:</b>	EU061026		

CG	ETL-No.	Designation (en)	Designation (en)
17	0501 8544	Fuel inject. pump	Fuel inject. pump
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	0502 7067	Parts of governor	Parts of governor
<b>18</b>		<b>Injection pump drive</b>	
18	0501 8419	Inject. pump drive	Inject. pump drive
<b>19</b>		<b>Injector</b>	
19	0502 9151	Parts of injector	Parts of injector
19	0503 1886	Fuel injector	Fuel injector
<b>20</b>		<b>Fuel filter</b>	
20	0501 8585	Fuel duplex filter	Fuel duplex filter
20	0501 8948	Hose assembly	Hose assembly
20	0503 1620	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 9363	Drain line	Drain line
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	0501 9372	Intake elbow	Intake elbow
22	0503 1578	Protecting cap	Protecting cap
<b>29</b>		<b>Control linkage</b>	
29	0501 8721	Control unit	Control unit
29	0501 8723	Accessories	Accessories
<b>34</b>		<b>Vibration damper</b>	
34	0503 8978	Auxiliary drive	Auxiliary drive
<b>37</b>		<b>Cooling water pump</b>	
37	0501 8709	Fastenings	Fastenings
37	0501 8751	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 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	0501 9358	Cooling water line	Cooling water line
38	0501 9362	Cooling water line	Cooling water line
38	0503 1325	Breather line	Breather line

<b>Equipment:</b>	00006920762	<b>Engine type:</b>	BA16M 816
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<b>ETL scope:</b>	EU061026		

CG	ETL-No.	Designation (en)	Designation (en)
<b>39</b>		<b>Cooling air blower</b>	
39	0501 8710	Tensioning pulley	Tensioning pulley
39	0503 1666	V-grooved pulley	V-grooved pulley
39	0503 1673	Fan	Fan
39	0503 1981	Fan support	Fan support
39	0503 8795	Set narrow v-belts	Set narrow v-belts
<b>41</b>		<b>Exhaust manifold</b>	
41	0501 8416	Expansion joint	Expansion joint
41	0501 8461	Support	Support
41	0501 8564	Insulation	Insulation
41	0501 8591	Exhaust pipe	Exhaust pipe
41	0501 8743	Accessories	Accessories
41	0501 8785	Corrugated tube	Corrugated tube
41	0501 8847	Exhaust manifold	Exhaust manifold
41	0503 1388	Hood	Hood
<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 1963	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>46</b>		<b>Engine mounting, rigid</b>	
46	0501 8749	Engine mounting	Engine mounting
<b>48</b>		<b>Electrical accessories</b>	
48	0501 8645	Switching device	Switching device
48	0501 8646	Temper.transmitter	Temper.transmitter
48	0501 8741	Regulator cut-out	Regulator cut-out
48	0501 8747	Repeater relay	Repeater relay
48	0501 8765	Temper.transmitter	Temper.transmitter
48	0501 8766	Switching device	Switching device
48	0501 8771	Tacho switch	Tacho switch
48	0501 8809	Heater system	Heater system
48	0501 8950	Pushbutton	Pushbutton
48	0501 8951	Pushbutton	Pushbutton
48	0501 9376	Electrical parts	Electrical parts
48	0501 9378	Hose assembly	Hose assembly
48	0503 1676	Indicator light	Indicator light
48	0503 1677	Incandescent lamp	Incandescent lamp
48	0503 1890	Relay	Relay
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

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**ETL scope:** EU061026

**Engine type:** BA16M 816  
**Speed:** 0000 1/min

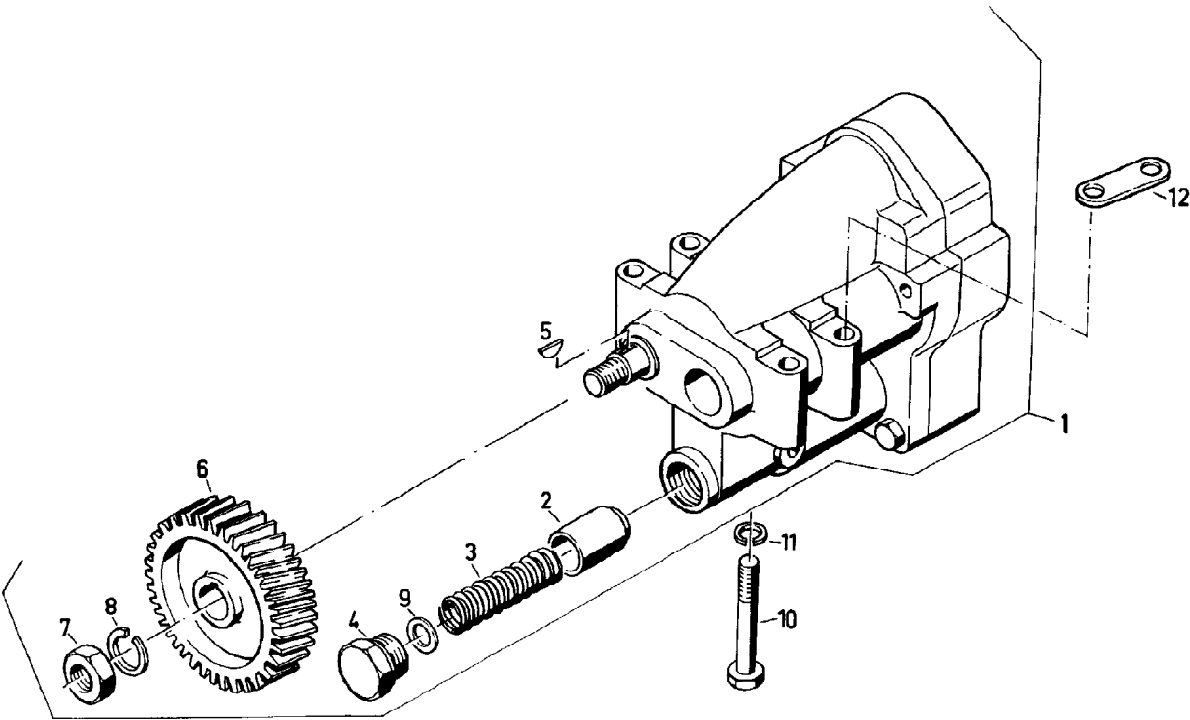
CG	ETL-No.	Designation (en)	Designation (en)
51	0501 8477	Thermometer	Thermometer
51	0501 8478	Thermometer	Thermometer
51	0501 8480	Thermometer	Thermometer
51	0501 8491	Accessories	Accessories
51	0501 8773	Pressure gauge	Pressure gauge
51	0501 8779	Pressure gauge	Pressure gauge
51	0501 8780	Instrumentation	Instrumentation
51	0501 8944	Pressure gauge	Pressure gauge
51	0501 9379	Pressure gauge	Pressure gauge
51	0501 9380	Tachometer	Tachometer
51	0503 1903	Accessories	Accessories
<b>52</b>		<b>Clutch</b>	
52	0501 8719	Driving parts	Driving parts
52	0501 8952	Connection housing	Connection housing
52	0503 8879	Flexible coupling	Flexible coupling
52	0503 8906	Clutch assembly	Clutch assembly
<b>56</b>		<b>Engine shutdown</b>	
56	0501 9377	Solenoid mounting	Solenoid mounting
56	0502 9149	Solenoid	Solenoid
<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
<b>58</b>		<b>Intercooler</b>	
58	0501 8411	Cooler assembly	Cooler assembly
58	0506 0065	Charge air cooler	Charge air cooler
58	0506 0066	Charge air cooler	Charge air cooler
<b>63</b>		<b>Starting aid</b>	
63	0501 8472	Preheater	Preheater

ETL no.: 0501 8401    Lubricat. oil pump

Constr. Group: 14

Equipment: 00006920762  
Output: 0000000,0 kW  
ETL scope: EU061026

Engine type: BA16M 816  
Speed: 0000 1/min



0501 8401

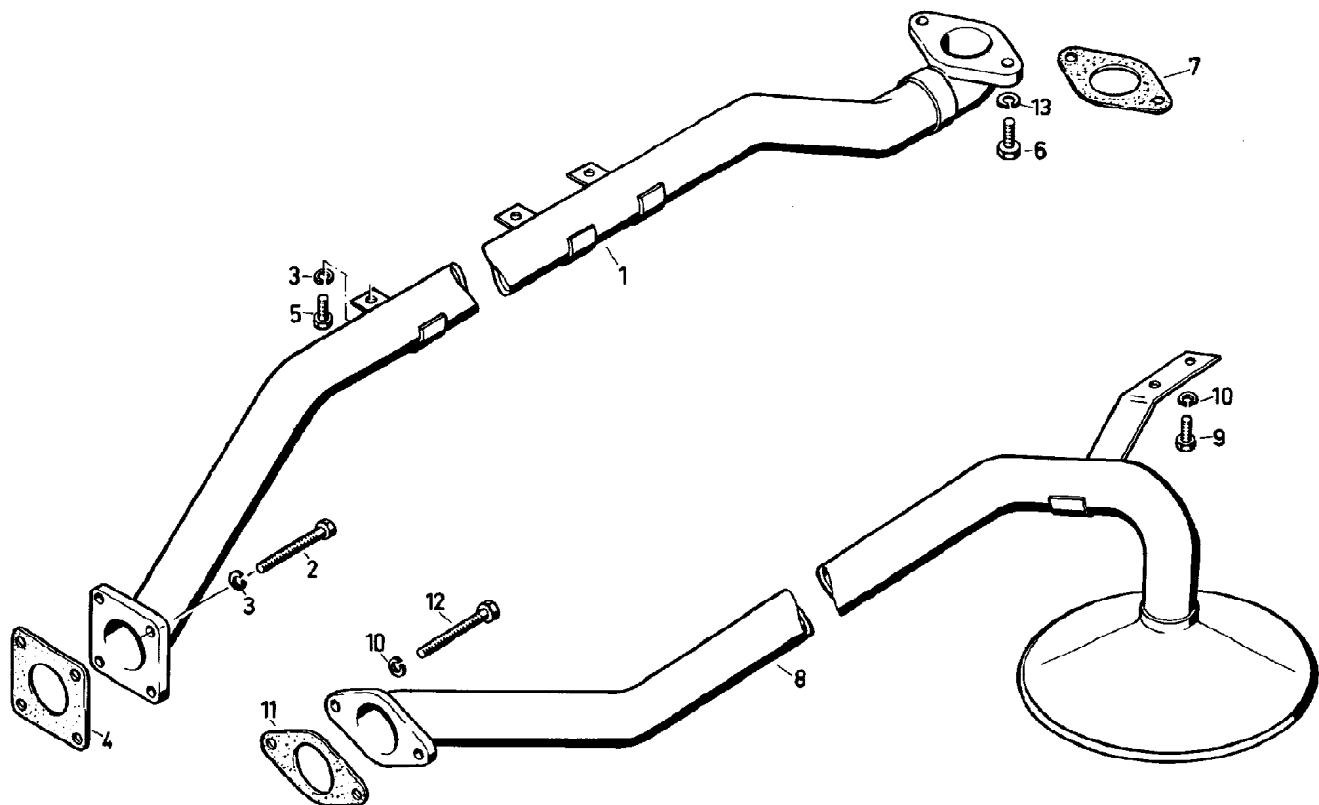
Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	02157150				1	ST		Lubricat. oil pump	Lubricat. oil pump	
2	03365901				1	ST		Valve plunger	Valve plunger	
3	03354063				1	ST		Helical spring	Helical spring	
4	01216206				1	ST		Screw plug	Screw plug	
5	01118333				1	ST		Woodruff key	Woodruff key	
6	02159711				1	ST		Drive gear	Drive gear	
7	01104589				1	ST		Hexagon nut	Hexagon nut	
8	01102837	10			1	ST		Lock washer	Lock washer	
9	01215748				5	ST		Plain washer	Plain washer	
10	01112466	20	20		4	ST		Hexagon bolt	Hexagon bolt	
11	01102800				4	ST		Lock washer	Lock washer	
12	03373575				6	ST		Shim	Shim	

ETL no.: 0501 8402 Suction pipe

Constr. Group: 16

Equipment: 00006920762  
Output: 0000000,0 kW  
ETL scope: EU061026

Engine type: BA16M 816  
Speed: 0000 1/min



0501 8402

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	02154056				1	ST		Pressure oil line	Pressure oil line	
2	01111166				2	ST		Hexagon bolt	Hexagon bolt	
3	01102799				6	ST		Lock washer	Lock washer	
4	01167535				1	ST		Flange gasket	Flange gasket	
5	01112303	10			2	ST		Hexagon bolt	Hexagon bolt	
6	01112407	20	20		2	ST		Hexagon bolt	Hexagon bolt	
7	01120823				1	ST		Gasket	Gasket	
8	02154012	10			1	ST		Inlet pipe	Inlet pipe	
9	01112324				2	ST		Hexagon bolt	Hexagon bolt	
10	01102799				4	ST		Lock washer	Lock washer	
11	02154635	10			1	ST		Gasket	Gasket	
12	01111162	10	10		2	ST		Hexagon bolt	Hexagon bolt	
13	01102800				2	ST		Lock washer	Lock washer	

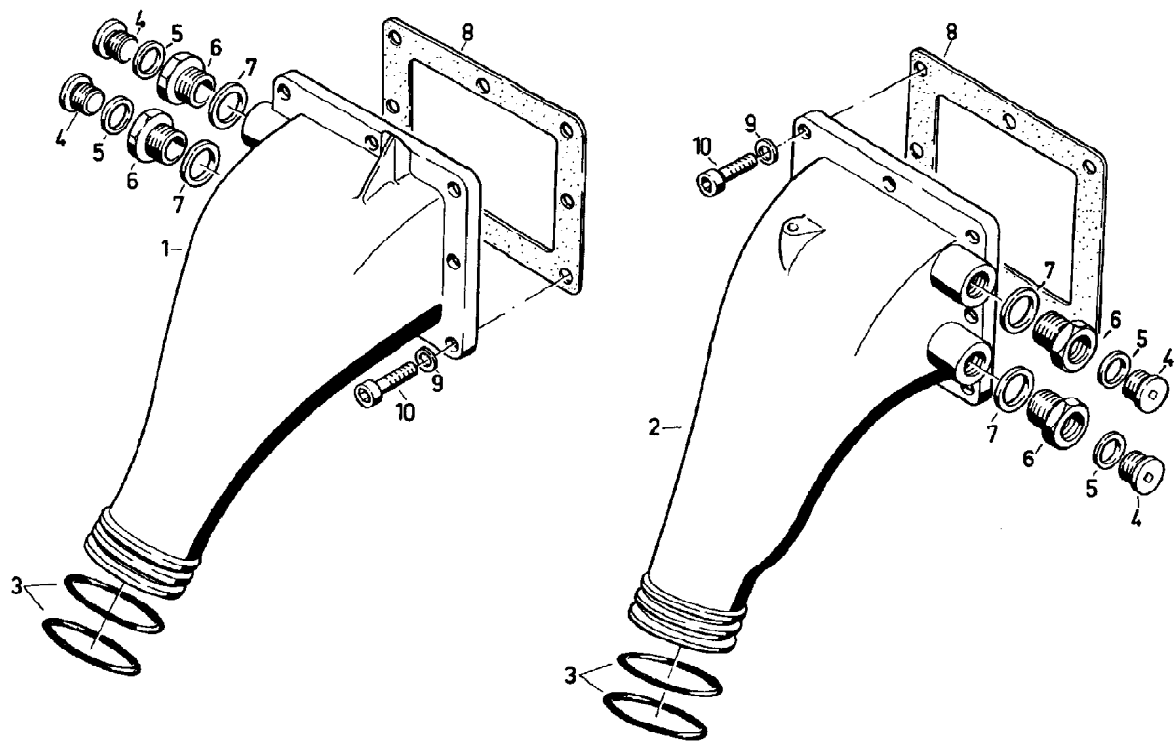


ETL no.: 0501 8404 Charge air elbow

Constr. Group: 22

Equipment: 00006920762  
Output: 0000000,0 kW  
ETL scope: EU061026

Engine type: BA16M 816  
Speed: 0000 1/min



0501 8404

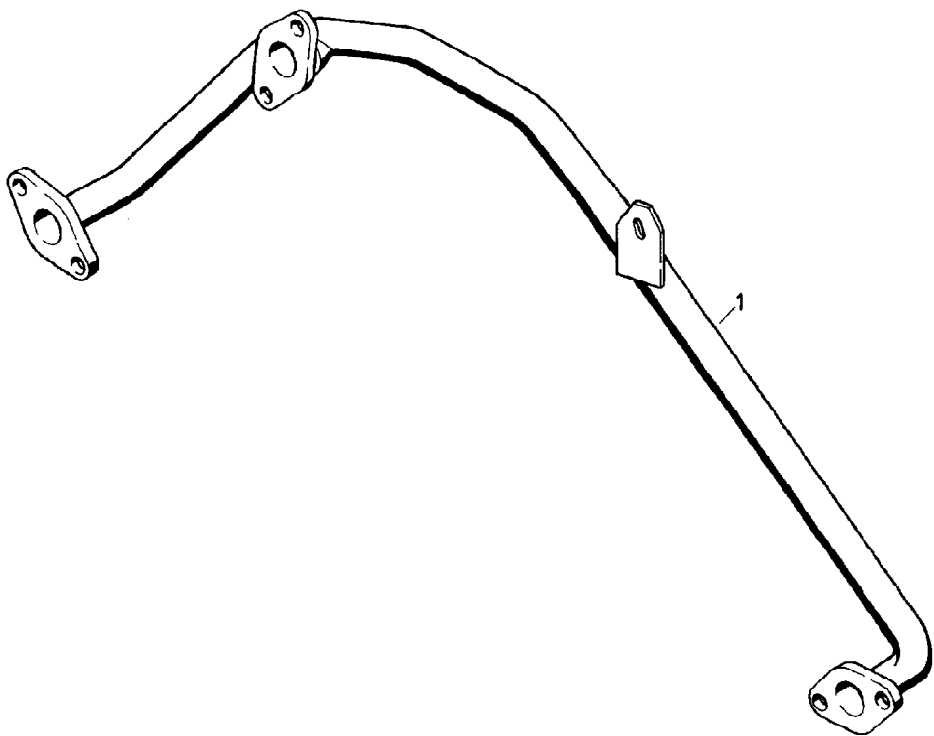
Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04000495				1	ST		Charge air elbow	Charge air elbow	
2	04000437				1	ST		Charge air elbow	Charge air elbow	
3	01212511				4	ST		O-seal	O-seal	
4	01235147				4	ST		Screw plug	Screw plug	
5	01118737				4	ST		Sealing ring	Sealing ring	
6	01165615				4	ST		Adapter nipple	Adapter nipple	
7	01118774				4	ST		Sealing ring	Sealing ring	
8	02155145				2	ST		Gasket	Gasket	
9	01107548				16	ST		Plain washer	Plain washer	
10	01110577				16	ST		Cheese head screw	Cheese head screw	

ETL no.: 0501 8406 Oil line

Constr. Group: 01

Equipment: 00006920762  
Output: 0000000,0 kW  
ETL scope: EU061026

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			1	ST		Oil line	Oil line	