

**Equipment information**

**Equipment:** 00000458202  
**Type:** F 4M1011F  
**Output:** 0000048,1 kW  
**Speed:** 3000 1/min  
**Build date:** 10.12.1999  
**KLU-Number:** 2500 1458/07  
**ETL scope:** EU116216  
**MVS:** 414

**VKU date:** 20.12.1999

**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:** 30

## Assembly group directory

<b>Equipment:</b>	00000458202	<b>Engine type:</b>	F 4M1011F
<b>Output:</b>	0000048,1 kW	<b>Speed:</b>	3000 1/min
<b>ETL scope:</b>	EU116216		

<b>CG</b>	<b>ETL-No.</b>	<b>Designation (en)</b>	<b>Designation (en)</b>
<b>1</b>		<b>Crankcase</b>	
1	0505 1009	Rear end cover	Rear end cover
1	0506 4420	Limit stop	Limit stop
1	0506 7706	Cap	Cap
1	0506 8040	Crankcase	Crankcase
1	0506 9169	Dipstick guide	Dipstick guide
1	0506 9170	Dipstick	Dipstick
<b>2</b>		<b>Oil pan</b>	
2	0506 9057	Oil pan	Oil pan
<b>5</b>		<b>Crankshaft</b>	
5	0505 1752	Power take-off	Power take-off
5	0506 3382	Crankshaft access.	Crankshaft access.
5	0506 7768	V-grooved pulley	V-grooved pulley
5	0506 8074	Flywheel	Flywheel
5	0506 8138	Crankshaft	Crankshaft
<b>6</b>		<b>Connecting rod</b>	
6	0506 8010	Connecting rod	Connecting rod
<b>7</b>		<b>Piston</b>	
7	0506 9192	Piston	Piston
<b>8</b>		<b>Cylinder head</b>	
8	0506 7612	Filler cap	Filler cap
8	0506 7614	Fastenings	Fastenings
8	0506 8030	Cylinder head	Cylinder head
8	0506 9005	Valve mechan.cover	Valve mechan.cover
<b>10</b>		<b>Camshaft</b>	
10	0506 7701	Camshaft drive	Camshaft drive
10	0506 7704	Fastenings	Fastenings
10	0506 8149	Protection hood	Protection hood
10	0506 8173	Camshaft	Camshaft
<b>11</b>		<b>Timing gears</b>	
11	0505 1930	Rocker arm bracket	Rocker arm bracket
11	0506 7617	Valve drive	Valve drive
<b>14</b>		<b>Lube oil pump</b>	
14	0506 7615	Lubricat. oil pump	Lubricat. oil pump
<b>15</b>		<b>Lube oil/-cooler</b>	
15	0506 4400	Lubric. oil filter	Lubric. oil filter
15	0506 7661	Bracket	Bracket
<b>16</b>		<b>Oil pipes</b>	
16	0506 7624	Press.relief valve	Press.relief valve
16	0506 7625	Oil suction line	Oil suction line
16	0506 8145	Radiator connect.	Radiator connect.
<b>17</b>		<b>Injection pump</b>	
17	0506 7639	Screw plug	Screw plug
17	0506 8098	Fastenings	Fastenings
17	0506 8179	Fuel inject. pump	Fuel inject. pump
<b>19</b>		<b>Injector</b>	
19	0506 8181	Fuel injector	Fuel injector
<b>20</b>		<b>Fuel filter</b>	

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CG	ETL-No.	Designation (en)	Designation (en)
20	0506 7542	Filter cartridge	Filter cartridge
20	0506 7638	Fuel supply pump	Fuel supply pump
20	0506 8026	Bracket	Bracket
<b>21</b>		<b>Fuel pipes/fuel tank</b>	
21	0506 7649	Overflow line	Overflow line
21	0506 7702	Fuel line	Fuel line
21	0506 8027	Fuel line	Fuel line
21	0506 8105	Fuel line	Fuel line
21	0507 4040	High pressure pipe	High pressure pipe
<b>22</b>		<b>Suction pipe/air cleaner</b>	
22	0505 1624	Flange	Flange
22	0506 3419	Blanking parts	Blanking parts
22	0507 4094	Suction pipe	Suction pipe
<b>27</b>		<b>Speed control</b>	
27	0506 3347	Blanking parts	Blanking parts
27	0506 7616	Control rod	Control rod
27	0506 8034	Front cover/govern	Front cover/govern
<b>33</b>		<b>Air compressor</b>	
33	0505 1611	Blanking parts	Blanking parts
<b>39</b>		<b>Cooling air blower</b>	
39	0506 7771	Fastenings	Fastenings
39	0506 7772	Fastenings	Fastenings
39	0506 8286	Fan support	Fan support
39	0506 9101	Fastenings	Fastenings
39	0506 9139	Narrow v-belt	Narrow v-belt
<b>41</b>		<b>Exhaust manifold</b>	
41	0505 1794	Blanking parts	Blanking parts
<b>44</b>		<b>Alternator/starter motor</b>	
44	0506 8234	Generator	Generator
44	0506 8293	Bracket	Bracket
44	0506 9036	Fastenings	Fastenings
44	0506 9189	Cooling air baffle	Cooling air baffle
44	0507 4011	Starter	Starter
<b>51</b>		<b>Measuring instruments</b>	
51	0506 7636	Oil pressur.switch	Oil pressur.switch
51	0506 7637	Temper.transmitter	Temper.transmitter
<b>52</b>		<b>Clutch</b>	
52	0505 1310	Spacer ring	Spacer ring
52	0505 1339	Connection housing	Connection housing
52	0505 1756	Cover plate	Cover plate
<b>56</b>		<b>Engine shutdown</b>	
56	0505 1617	Shutdown device	Shutdown device
<b>90</b>		<b>Set of parts</b>	
90	0506 8246	Supplem.gasket set	Supplem.gasket set
90	0506 8248	Gasket set	Gasket set
90	0511 9030	Engine oil	Engine oil

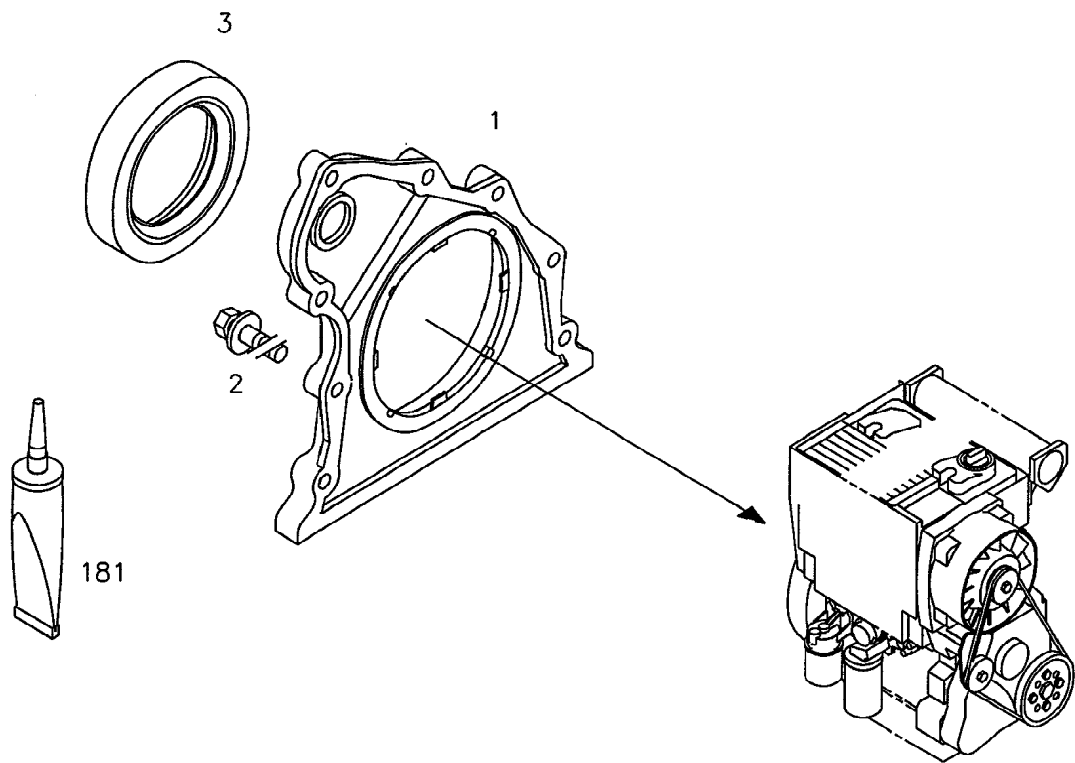
ETL no.: 0505 1009    Rear end cover

Constr. Group: 01

Equipment: 00000458202  
Output: 0000048,1 kW  
ETL scope: EU116216

Engine type: F 4M1011F  
Speed: 3000 1/min

003



0505 1009

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04286436	Kit ?	90	90	1	ST		Rear end cover	Rear end cover	
2	01176558	Kit ?			8	ST		Hexagon bolt	Hexagon bolt	
3	04175433	Kit ?	90	90	1	ST		Rot.shaft lip seal	Rot.shaft lip seal	
181	01009647	Kit ?	20	20	1	ST		Packing compound	Packing compound	