

**Equipment information**

**Equipment:** 00000970778  
**Type:** F 3M2011  
**Output:** 0000032,5 kW  
**Speed:** 2400 1/min  
**Build date:** 22.06.2004  
**KLU-Number:** 2500 6190/70007758  
**ETL scope:** EU441827  
**MVS:** 111

**VKU date:** 23.06.2004

**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:** 1

## Assembly group directory

Equipment: 00000970778  
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Engine type: F 3M2011  
 Speed: 2400 1/min

CG	ETL-No.	Designation (en)	Designation (en)
<b>1</b>		<b>Crankcase</b>	
1	0507 4311	Engine block	Engine block
1	0507 7808	Dipstick	Dipstick
1	0507 9188	Rear end cover	Rear end cover
<b>2</b>		<b>Oil pan</b>	
2	0507 4194	Oil pan	Oil pan
<b>5</b>		<b>Crankshaft</b>	
5	0505 1754	Power take-off	Power take-off
5	0506 4131	Flange	Flange
5	0506 9697	Crankshaft	Crankshaft
5	0507 4230	Accessories	Accessories
5	0507 4326	Flywheel	Flywheel
<b>6</b>		<b>Connecting rod</b>	
6	0507 7881	Connecting rod	Connecting rod
<b>7</b>		<b>Piston</b>	
7	0507 9273	Piston	Piston
<b>8</b>		<b>Cylinder head</b>	
8	0506 7612	Filler cap	Filler cap
8	0506 9026	Valve mechan.cover	Valve mechan.cover
8	0507 4306	Cylinder head	Cylinder head
8	0507 4313	Fastenings	Fastenings
<b>10</b>		<b>Camshaft</b>	
10	0507 9021	Fastenings	Fastenings
10	0507 9049	Camshaft drive	Camshaft drive
10	0507 9106	Camshaft	Camshaft
10	0507 9183	Protection hood	Protection hood
<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	0507 4220	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 8022	Fastenings	Fastenings
<b>16</b>		<b>Oil pipes</b>	
16	0506 7624	Press.relief valve	Press.relief valve
16	0506 8061	Oil suction line	Oil suction line
<b>17</b>		<b>Injection pump</b>	
17	0506 7639	Screw plug	Screw plug
17	0507 7909	Fuel inject. pump	Fuel inject. pump
17	0507 7912	Fastenings	Fastenings
<b>19</b>		<b>Injector</b>	
19	0507 9013	Fuel injector	Fuel injector
<b>20</b>		<b>Fuel filter</b>	
20	0507 9014	Fuel supply pump	Fuel supply pump
<b>21</b>		<b>Fuel pipes/fuel tank</b>	
21	0507 9001	Fuel line	Fuel line
21	0507 9004	Fuel line	Fuel line

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<b>Output:</b>	0000032,5 kW	<b>Speed:</b>	2400 1/min
<b>ETL scope:</b>	EU441827		

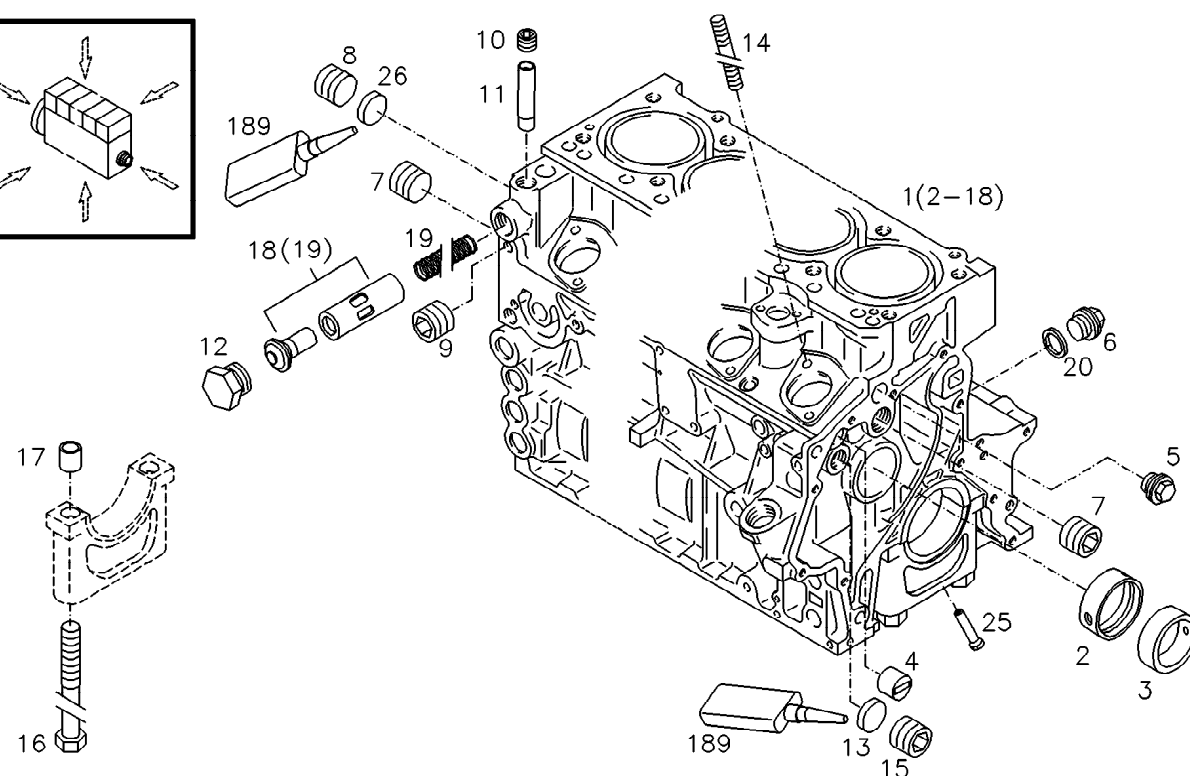
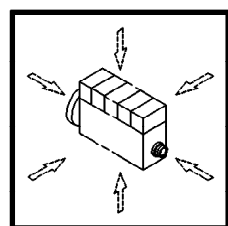
CG	ETL-No.	Designation (en)	Designation (en)
21	0507 9015	High pressure pipe	High pressure pipe
21	0507 9170	Fuel filter	Fuel filter
<b>22</b>		<b>Suction pipe/air cleaner</b>	
22	0505 1624	Flange	Flange
22	0506 3419	Blanking parts	Blanking parts
22	0507 4093	Suction pipe	Suction pipe
<b>27</b>		<b>Speed control</b>	
27	0506 8080	Control rod	Control rod
27	0507 9129	Front cover/govern	Front cover/govern
<b>33</b>		<b>Air compressor</b>	
33	0507 4236	Blanking parts	Blanking parts
<b>39</b>		<b>Cooling air blower</b>	
39	0506 3447	Narrow v-belt	Narrow v-belt
<b>41</b>		<b>Exhaust manifold</b>	
41	0506 9191	Exhaust manifold	Exhaust manifold
<b>44</b>		<b>Alternator/starter motor</b>	
44	0505 1704	Generator	Generator
44	0506 8114	Generator mounting	Generator mounting
44	0507 4199	Starter	Starter
<b>48</b>		<b>Electrical accessories</b>	
48	0506 8028	Blanking parts	Blanking parts
48	0507 9141	Connecting pipe	Connecting pipe
<b>51</b>		<b>Measuring instruments</b>	
51	0506 8020	Oil pressur.switch	Oil pressur.switch
<b>52</b>		<b>Clutch</b>	
52	0506 4150	Connecting plate	Connecting plate
<b>56</b>		<b>Engine shutdown</b>	
56	0507 9085	Shutdown device	Shutdown device
56	0507 9139	Fastenings	Fastenings
56	0507 9140	Blanking parts	Blanking parts
<b>90</b>		<b>Set of parts</b>	
90	0507 7822	Gasket set	Gasket set
90	0511 3674	Supplem.gasket set	Supplem.gasket set
90	0511 9030	Engine oil	Engine oil

ETL no.: 0507 4311 Engine block

Constr. Group: 01

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0507 4311

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04280413				1	ST		Engine block	Engine block	WITH ITEM.... (2-18)
2	04178155				2	ST		Wrapped bear. bush	Wrapped bear. bush	
3	04178154				2	ST		Wrapped bear. bush	Wrapped bear. bush	
4	04287999				2	ST		Guide sleeve	Guide sleeve	
5	04178741				1	ST		Screw plug	Screw plug	
6	01110422				1	ST		Screw plug	Screw plug	
7	04271453				2	ST		Screw plug	Screw plug	
8	01180891				1	ST		Screw plug	Screw plug	
9	01180889				1	ST		Screw plug	Screw plug	
10	01180887				1	ST		Screw plug	Screw plug	
11	04178218				1	ST		Tube	Tube	
12	04270312				1	ST		Screw plug	Screw plug	WITH ITEM.... (40)
13	01181259				1	ST		Core hole plug	Core hole plug	
14	01179646	90	90		6	ST		Stud	Stud	
15	01180888				2	ST		Screw plug	Screw plug	
16	02108134				8	ST		Hexagon bolt	Hexagon bolt	
17	03362279				8	ST		Bush	Bush	
18	04179928	90	90		1	ST		Thermostat	Thermostat	WITH ITEM.... (19)
19	04178238				1	ST		Compression spring	Compression spring	
20	01118673				1	ST		Sealing ring	Sealing ring	

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
25	04178452				6	ST		Piston cool.nozzle	Piston cool.nozzle	
26	01148153				1	ST		Cover	Cover	
40	01180446				1	ST		O-seal	O-seal	
189	01016125		20	20	1	KG		Safety/lock.agent	Safety/lock.agent	