

**Equipment information**

<b>Equipment:</b>	00006596833
<b>Type:</b>	BF12L 413F
<b>Output:</b>	0000302,0 kW
<b>Speed:</b>	2300 1/min
<b>Build date:</b>	01.06.1982
<b>KLU-Number:</b>	0242 8018/24
<b>ETL scope:</b>	EU102059
<b>MVS:</b>	111
<b>Customer:</b>	Atlas Copco Airpower Nv
<b>Location:</b>	Aartselaar/Antwerp
<b>Country:</b>	Belgium
<b>VKU date:</b>	01.06.1982
<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:** 00006596833  
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**Engine type:** BF12L 413F  
**Speed:** 2300 1/min

CG	ETL-No.	Designation (en)	Designation (en)
<b>1</b>		<b>Crankcase</b>	
1	0500 1808	Cover	Cover
1	0501 3174	Rear end cover	Rear end cover
1	0501 3347	Crankcase	Crankcase
1	0501 3352	Handling device	Handling device
1	0501 9009	Tappet bridge	Tappet bridge
1	0502 1425	Oil filler	Oil filler
1	0502 4940	Cooling air baffle	Cooling air baffle
1	0503 0032	Breather line	Breather line
1	0503 1024	Dipstick	Dipstick
1	0503 1116	Breather line	Breather line
1	0503 2081	Breather	Breather
1	0503 2083	Carrier	Carrier
1	0503 3498	Venting box	Venting box
<b>2</b>		<b>Oil pan</b>	
2	0503 1021	Oil pan	Oil pan
<b>4</b>		<b>Cylinder</b>	
4	0503 2607	Cylinder	Cylinder
<b>5</b>		<b>Crankshaft</b>	
5	0501 3262	Flywheel	Flywheel
5	0503 0079	Driving parts	Driving parts
5	0503 2625	Crankshaft	Crankshaft
<b>6</b>		<b>Connecting rod</b>	
6	0501 3355	Connecting rod	Connecting rod
<b>7</b>		<b>Piston</b>	
7	0503 1239	Piston	Piston
<b>8</b>		<b>Cylinder head</b>	
8	0502 4932	Fastenings	Fastenings
8	0502 4933	Cylinder head	Cylinder head
<b>10</b>		<b>Camshaft</b>	
10	0502 2603	Camshaft	Camshaft
<b>11</b>		<b>Timing gears</b>	
11	0502 1334	Valve drive	Valve drive
<b>14</b>		<b>Lube oil pump</b>	
14	0503 3199	Lubricat. oil pump	Lubricat. oil pump
<b>15</b>		<b>Lube oil/-cooler</b>	
15	0501 3044	Fuse/lock	Fuse/lock
15	0502 0772	Lubric. oil cooler	Lubric. oil cooler
15	0502 0775	Bracket	Bracket
15	0503 2122	Filter cartridge	Filter cartridge
<b>16</b>		<b>Oil pipes</b>	
16	0502 1262	Lubricat. oil line	Lubricat. oil line
16	0503 4129	Lubricat. oil line	Lubricat. oil line
16	0503 4130	Lubricat. oil line	Lubricat. oil line
16	0503 7081	Lubricat. oil line	Lubricat. oil line
<b>17</b>		<b>Injection pump</b>	
17	0501 9017	Accessories	Accessories
17	0502 2498	Electr.accessories	Electr.accessories
17	0503 2171	Fuel inject. pump	Fuel inject. pump

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CG	ETL-No.	Designation (en)	Designation (en)
17	0503 3122	Wiring	Wiring
<b>18</b>		<b>Injection pump drive</b>	
18	0502 3459	Timing device	Timing device
18	0503 3017	Accessories	Accessories
<b>19</b>		<b>Injector</b>	
19	0502 1481	Fuel injector	Fuel injector
<b>20</b>		<b>Fuel filter</b>	
20	0502 2398	Fuel line	Fuel line
20	0502 2403	Fuel line	Fuel line
20	0503 0048	Two-st.fuel filter	Two-st.fuel filter
20	0503 0049	Fuel prefilter	Fuel prefilter
<b>21</b>		<b>Fuel pipes/fuel tank</b>	
21	0500 2068	Accessories	Accessories
21	0500 4139	Fastenings	Fastenings
21	0501 3368	High pressure pipe	High pressure pipe
21	0501 9204	Leak off line	Leak off line
21	0503 1212	Leak off line	Leak off line
<b>22</b>		<b>Suction pipe/air cleaner</b>	
22	0501 9013	Pipeline	Pipeline
22	0503 1066	Elbow connector	Elbow connector
22	0503 7038	Suction pipe	Suction pipe
22	0503 7039	Suction pipe	Suction pipe
<b>26</b>		<b>Heater plug installation</b>	
26	0500 2152	Spark ignition	Spark ignition
26	0500 2167	Wiring	Wiring
26	0500 4731	Accessories	Accessories
26	0502 1463	Accessories	Accessories
<b>29</b>		<b>Control linkage</b>	
29	0500 4850	Linkage	Linkage
29	0503 0167	Linkage	Linkage
<b>33</b>		<b>Air compressor</b>	
33	0500 2208	Blanking parts	Blanking parts
<b>39</b>		<b>Cooling air blower</b>	
39	0500 5097	Fastenings	Fastenings
39	0500 5781	Intermediate shaft	Intermediate shaft
39	0503 2087	Accessories	Accessories
39	0503 2138	Bypass line	Bypass line
39	0503 2193	Gear transmission	Gear transmission
39	0503 2639	Cooling fan	Cooling fan
39	0503 3048	Blower drive	Blower drive
39	0503 3088	Blower drive	Blower drive
39	0503 7024	Support	Support
<b>40</b>		<b>Cooling air ducting</b>	
40	0501 3382	Cool. air cowling	Cool. air cowling
40	0501 9271	Cool. air cowling	Cool. air cowling
40	0502 0709	Cool. air cowling	Cool. air cowling
40	0502 1439	Cool. air cowling	Cool. air cowling
40	0502 2572	Cool. air cowling	Cool. air cowling
40	0502 3543	Air guide hood	Air guide hood
40	0502 3544	Air guide hood	Air guide hood

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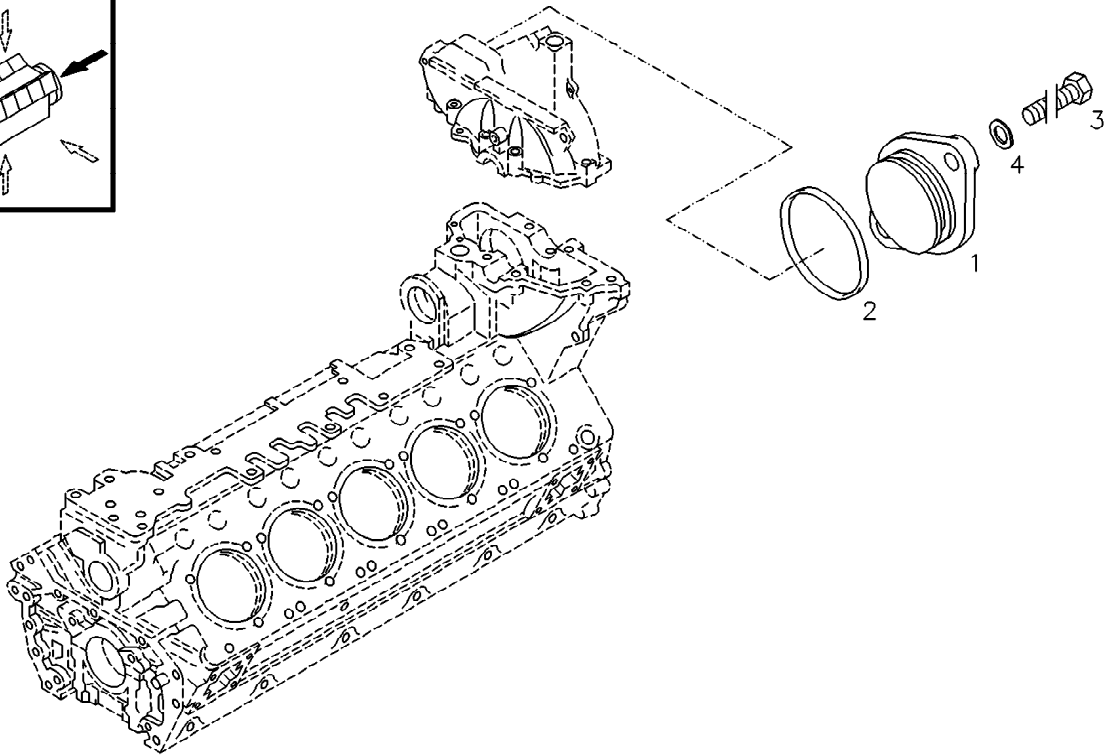
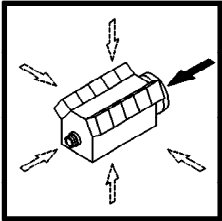
CG	ETL-No.	Designation (en)	Designation (en)
40	0502 3545	Air guide hood	Air guide hood
40	0503 2089	Cool. air cowling	Cool. air cowling
<b>41</b>		<b>Exhaust manifold</b>	
41	0500 4890	Exhaust manifold	Exhaust manifold
41	0501 3488	Exhaust pipe	Exhaust pipe
41	0502 3485	Cooling air baffle	Cooling air baffle
41	0503 4165	Fastenings	Fastenings
<b>43</b>		<b>Turbocharger</b>	
43	0503 4131	Turbocharger	Turbocharger
43	0503 7155	Panelling	Panelling
<b>44</b>		<b>Alternator/starter motor</b>	
44	0500 2357	Starter	Starter
44	0502 1426	Accessories	Accessories
44	0502 1437	Generator cooling	Generator cooling
44	0502 3525	Generator	Generator
44	0502 7050	Parts of alternat.	Parts of alternat.
44	0502 8927	Parts start.motor	Parts start.motor
<b>49</b>		<b>Tools</b>	
49	0500 2422	Toolkit	Toolkit
49	0500 2423	Toolkit	Toolkit
<b>51</b>		<b>Measuring instruments</b>	
51	0500 2427	Drive	Drive
51	0500 2429	Angle drive	Angle drive
51	0500 5816	Accessories	Accessories
51	0501 9153	Electric line	Electric line
51	0503 1282	Temper.measurement	Temper.measurement
51	0503 2133	Wiring	Wiring
<b>52</b>		<b>Clutch</b>	
52	0502 1381	Connection housing	Connection housing
<b>56</b>		<b>Engine shutdown</b>	
56	0502 3446	Shutdown device	Shutdown device

ETL no.: 0500 1808    Cover

Constr. Group: 01

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001

0500 1808

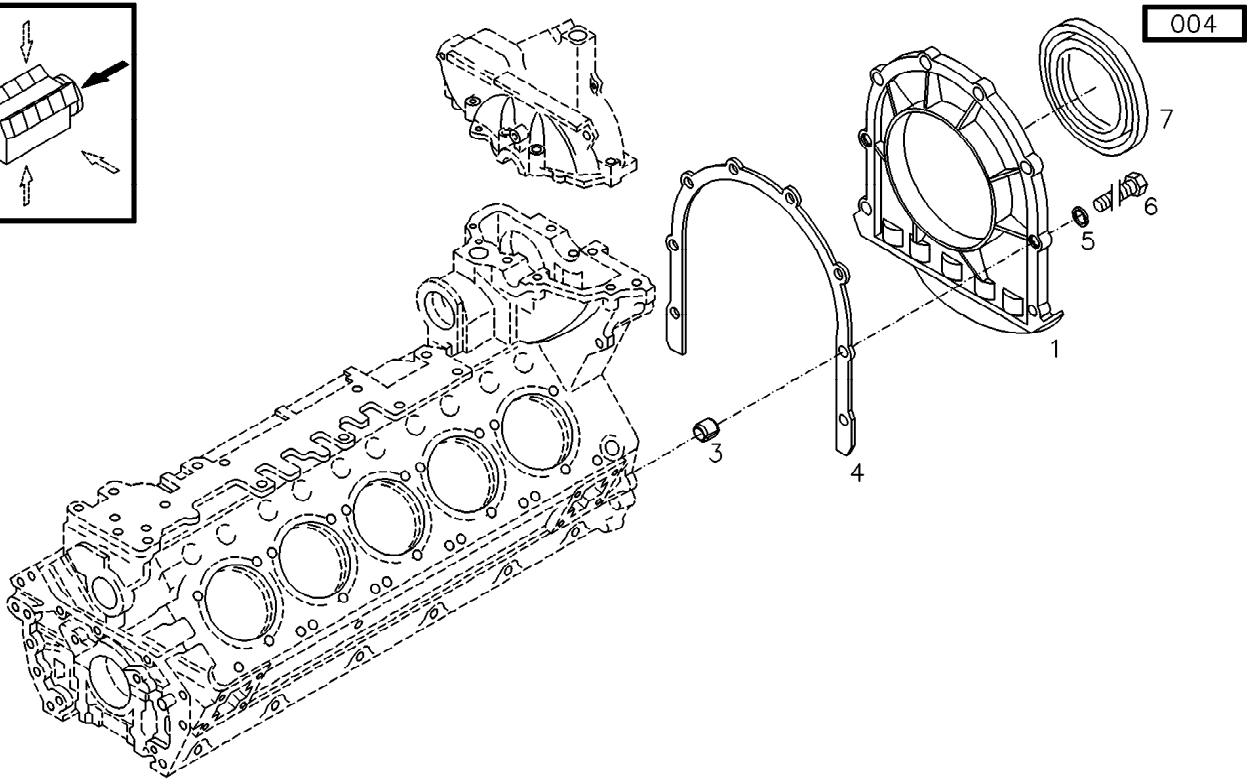
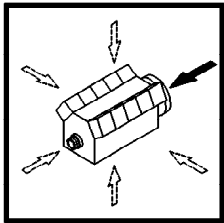
Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	02421351				1	ST		Cover	Cover	
2	01163618				1	ST		O-seal	O-seal	
3	01112335	20	20		2	ST		Hexagon bolt	Hexagon bolt	
4	01107283				2	ST		Spring washer	Spring washer	

ETL no.: 0501 3174    Rear end cover

Constr. Group: 01

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0501 3174

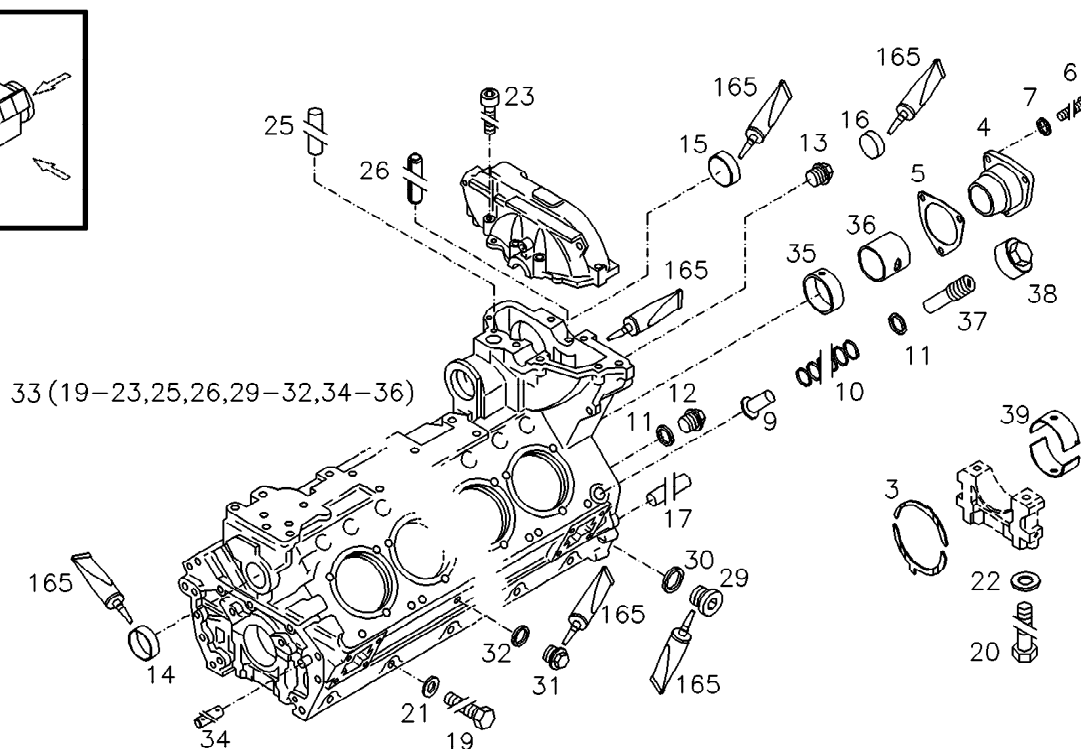
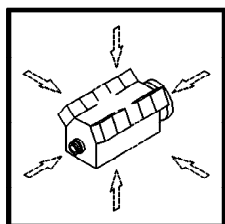
Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	02413922				1	ST		Rear end cover	Rear end cover	
3	03361375				2	ST		Centering sleeve	Centering sleeve	
4	04182569				1	ST		Gasket	Gasket	
5	01118654				8	ST		Sealing ring	Sealing ring	
6	01112335	20	20		8	ST		Hexagon bolt	Hexagon bolt	
7	02421820				1	ST		Rot.shaft lip seal	Rot.shaft lip seal	
951	02424866	90	90		1	ST		Rot.shaft lip seal	Rot.shaft lip seal	SEE TECHNICAL CIRCULAR 0148-01-0414
952	02424864	90	90		1	ST		Race/ring	Race/ring	SEE TECHNICAL CIRCULAR 0148-01-0414

ETL no.: 0501 3347 Crankcase

Constr. Group: 01

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0501 3347

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
3	02422297				2	ST		Thrust washer	Thrust washer	STANDARD (A)MM RD, FOR UNDERSIZE SEE ITEM (B) (A) 95,00 MM RD (B) 956-961
4	02192079				1	ST		Cover	Cover	
5	02192080				1	ST		Gasket	Gasket	
6	01137083	20	20		3	ST		Hexagon bolt	Hexagon bolt	
7	01118654				3	ST		Sealing ring	Sealing ring	
9	02403032				1	ST		Valve plunger	Valve plunger	
10	02403033				1	ST		Compression spring	Compression spring	
11	01118784				2	ST		Sealing ring	Sealing ring	
12	01216200				1	ST		Screw plug	Screw plug	
13	03361343				1	ST		Screw plug	Screw plug	
14	02403129				1	ST		Cover	Cover	
15	03361334	50	50		1	ST		Core hole plug	Core hole plug	
16	01165832		90		1	ST		Core hole plug	Core hole plug	
17	01102854				2	ST		Parallel pin	Parallel pin	
19	01112633				14	ST		Hexagon bolt	Hexagon bolt	
20	01102166				14	ST		Hexagon bolt	Hexagon bolt	
21	02403108				14	ST		Plain washer	Plain washer	
22	02408062				14	ST		Plain washer	Plain washer	
23	01152828				6	ST		Cheese head screw	Cheese head screw	
25	01105127				1	ST		Parallel pin	Parallel pin	