



# Spare Parts Catalog

Engine type: TBD12 616V  
Serial number: 00002203476  
Output: 0000924,0 kW  
Speed: 2235 1/min





## **CONTENT.**

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## Assembly group directory

**Equipment:** 00002203476  
**Output:** 0000924,0 kW  
**ETL scope:** EU084459

**Engine type:** TBD12 616V  
**Speed:** 2235 1/min

CG	ETL-No.	Designation (en)	Designation (en)
<b>1</b>		<b>Crankcase</b>	
1	0509 4815	Locating bearing	Locating bearing
1	0509 5358	Main bearing	Main bearing
1	0509 6218	Crankcase	Crankcase
<b>2</b>		<b>Oil pan</b>	
2	0509 5007	Oil filler neck	Oil filler neck
2	0509 5185	Oil pan	Oil pan
<b>5</b>		<b>Crankshaft</b>	
5	0509 4865	Flywheel	Flywheel
5	0509 6316	Crankshaft	Crankshaft
<b>6</b>		<b>Connecting rod</b>	
6	0509 6323	Connecting rod	Connecting rod
6	0509 6410	Big end bearing	Big end bearing
<b>7</b>		<b>Piston</b>	
7	0509 4763	Piston	Piston
<b>8</b>		<b>Cylinder head</b>	
8	0509 5122	Valve mechan.cover	Valve mechan.cover
8	0509 6082	Cylinder head	Cylinder head
<b>9</b>		<b>Timing chest</b>	
9	0509 4780	Idler gear	Idler gear
9	0509 4844	Cover	Cover
9	0509 4847	Gearcase	Gearcase
9	0509 6328	Crankc. end cover	Crankc. end cover
<b>10</b>		<b>Camshaft</b>	
10	0509 4778	Camshaft	Camshaft
<b>11</b>		<b>Timing gears</b>	
11	0509 4979	Valve drive	Valve drive
11	0509 6458	Actuat. mechanism	Actuat. mechanism
<b>14</b>		<b>Lube oil pump</b>	
14	0509 5284	Gear.oil feed pump	Gear.oil feed pump
<b>15</b>		<b>Lube oil/-cooler</b>	
15	0509 4792	Lubric. oil filter	Lubric. oil filter
15	0509 6117	Oil cooler	Oil cooler
<b>16</b>		<b>Oil pipes</b>	
16	0509 4863	Lubricat. oil line	Lubricat. oil line
16	0509 5888	Oil suction line	Oil suction line
<b>17</b>		<b>Injection pump</b>	
17	0509 6270	Actuator	Actuator
17	0509 6358	Fastenings	Fastenings
17	0509 6400	Lubricat. oil line	Lubricat. oil line
17	0509 6401	Fuel inject. pump	Fuel inject. pump
<b>18</b>		<b>Injection pump drive</b>	
18	0509 4817	Inject. pump drive	Inject. pump drive
18	0509 6247	Shaft coupling	Shaft coupling
<b>19</b>		<b>Injector</b>	
19	0509 6412	Fuel injector	Fuel injector
<b>20</b>		<b>Fuel filter</b>	
20	0509 0635	Fuel duplex filter	Fuel duplex filter

<b>Equipment:</b>	00002203476	<b>Engine type:</b>	TBD12 616V
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<b>ETL scope:</b>	EU084459		

CG	ETL-No.	Designation (en)	Designation (en)
20	0509 5176	Bracket	Bracket
20	0509 6126	Accessories	Accessories
20	0509 6655	Fuel pump	Fuel pump
<b>21</b>		<b>Fuel pipes/fuel tank</b>	
21	0509 4891	High pressure pipe	High pressure pipe
21	0509 5064	Pipe/line/lead	Pipe/line/lead
21	0509 5293	Fuel line	Fuel line
<b>22</b>		<b>Suction pipe/air cleaner</b>	
22	0509 4448	Intake manifold	Intake manifold
22	0509 5061	Air filter	Air filter
22	0509 5231	Bracket	Bracket
<b>34</b>		<b>Vibration damper</b>	
34	0509 5054	Vibration damper	Vibration damper
<b>37</b>		<b>Cooling water pump</b>	
37	0509 4949	Housing/case	Housing/case
37	0509 4984	Cooling water pump	Cooling water pump
37	0509 5004	Accessories	Accessories
37	0509 5005	Accessories	Accessories
37	0509 5053	Idler gear	Idler gear
37	0509 6096	Centrifugal pump	Centrifugal pump
<b>38</b>		<b>Water pipes</b>	
38	0508 2416	Compensator	Compensator
38	0508 2505	Compensator	Compensator
38	0509 4943	Coolant pipe	Coolant pipe
38	0509 5050	Coolant pipe	Coolant pipe
38	0509 5117	Coolant pipe	Coolant pipe
38	0509 5179	Coolant pipe	Coolant pipe
38	0509 5380	Singl.circ.cooling	Singl.circ.cooling
38	0509 5381	Expansion tank	Expansion tank
38	0509 5695	Compensator	Compensator
38	0509 5711	Compensator	Compensator
38	0509 6245	Breather line	Breather line
<b>41</b>		<b>Exhaust manifold</b>	
41	0509 5112	Bracket	Bracket
41	0509 5599	Exhaust pipe	Exhaust pipe
41	0509 5600	Exhaust pipe	Exhaust pipe
41	0509 5831	Exhaust pipe	Exhaust pipe
<b>43</b>		<b>Turbocharger</b>	
43	0509 5830	Turbocharger	Turbocharger
43	0509 5987	Accessories	Accessories
<b>44</b>		<b>Alternator/starter motor</b>	
44	0500 3725	Protecting cap	Protecting cap
44	0502 9457	Parts of alternat.	Parts of alternat.
44	0505 0426	Generator	Generator
44	0509 4210	Starter	Starter
44	0509 4942	Generator	Generator
44	0509 5073	Generator mounting	Generator mounting
44	0509 5562	Parts start.motor	Parts start.motor
<b>46</b>		<b>Engine mounting, rigid</b>	
46	0509 5110	Bracket	Bracket
<b>47</b>		<b>Engine mounting, flexible</b>	

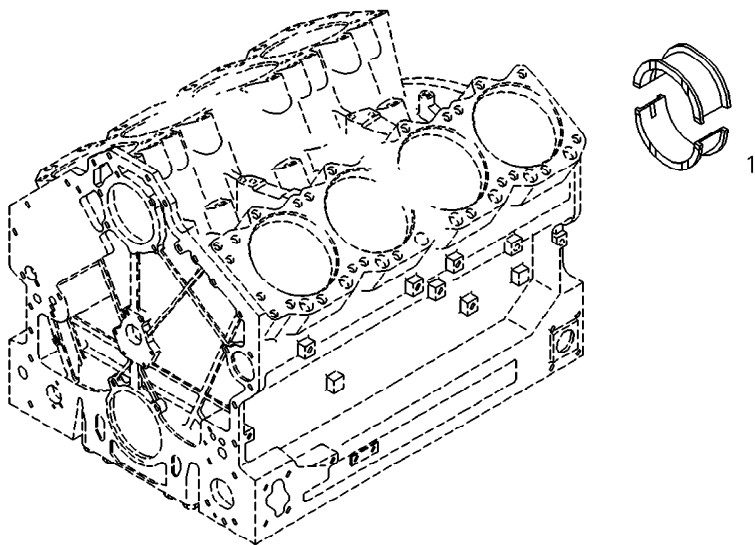
<b>Equipment:</b>	00002203476	<b>Engine type:</b>	TBD12 616V
<b>Output:</b>	0000924,0 kW	<b>Speed:</b>	2235 1/min
<b>ETL scope:</b>	EU084459		

CG	ETL-No.	Designation (en)	Designation (en)
47	0509 2483	Silentbloc	Silentbloc
47	0509 5521	Silentbloc	Silentbloc
<b>48</b>		<b>Electrical accessories</b>	
48	0508 4126	Switching device	Switching device
48	0508 4128	Switching device	Switching device
48	0508 5237	Switch mounting	Switch mounting
48	0509 2484	Connecting cable	Connecting cable
48	0509 5430	Cabling	Cabling
48	0509 5440	Level switch	Level switch
<b>52</b>		<b>Clutch</b>	
52	0509 4810	Flywheel housing	Flywheel housing
<b>56</b>		<b>Engine shutdown</b>	
56	0509 5580	Solenoid valv	Solenoid valv
<b>58</b>		<b>Intercooler</b>	
58	0509 4823	Cooler assembly	Cooler assembly
<b>90</b>		<b>Set of parts</b>	
90	0507 0283	Cool.syst.protect.	Cool.syst.protect.
90	0509 5370	Gasket set	Gasket set
90	0509 5371	Gasket set	Gasket set
90	0509 5587	Gasket set	Gasket set
90	0509 5591	Gasket set	Gasket set
<b>98</b>		<b>Optional extras</b>	
98	0560 5613	List of extras	List of extras

ETL no.: 0509 4815    Locating bearing    Constr. Group: 01

Equipment:	00002203476	Engine type:	TBD12 616V
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002



0509 4815

Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	12276203	Kit ?		1	ST		Locating bearing	Locating bearing	

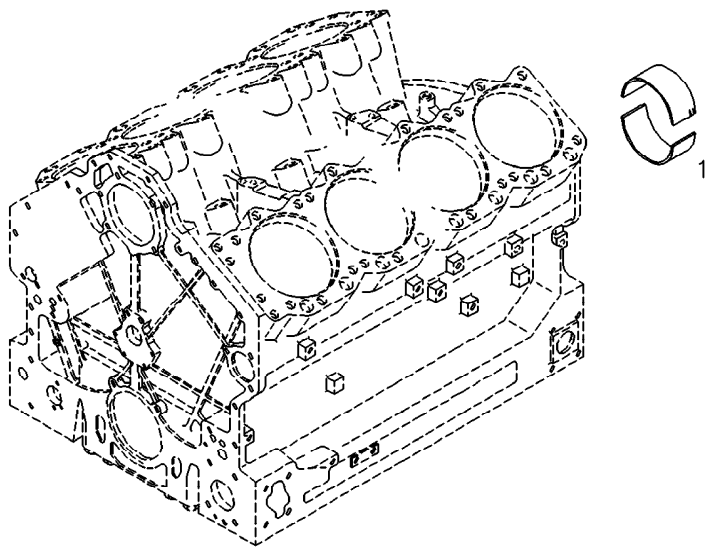
ETL no.: 0509 5358    Main bearing

Constr. Group: 01

Equipment: 00002203476  
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001



0509 5358

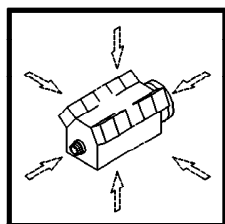
Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	12312137	Kit ?		1	ST		Main bearing	Main bearing	

ETL no.: 0509 6218 Crankcase

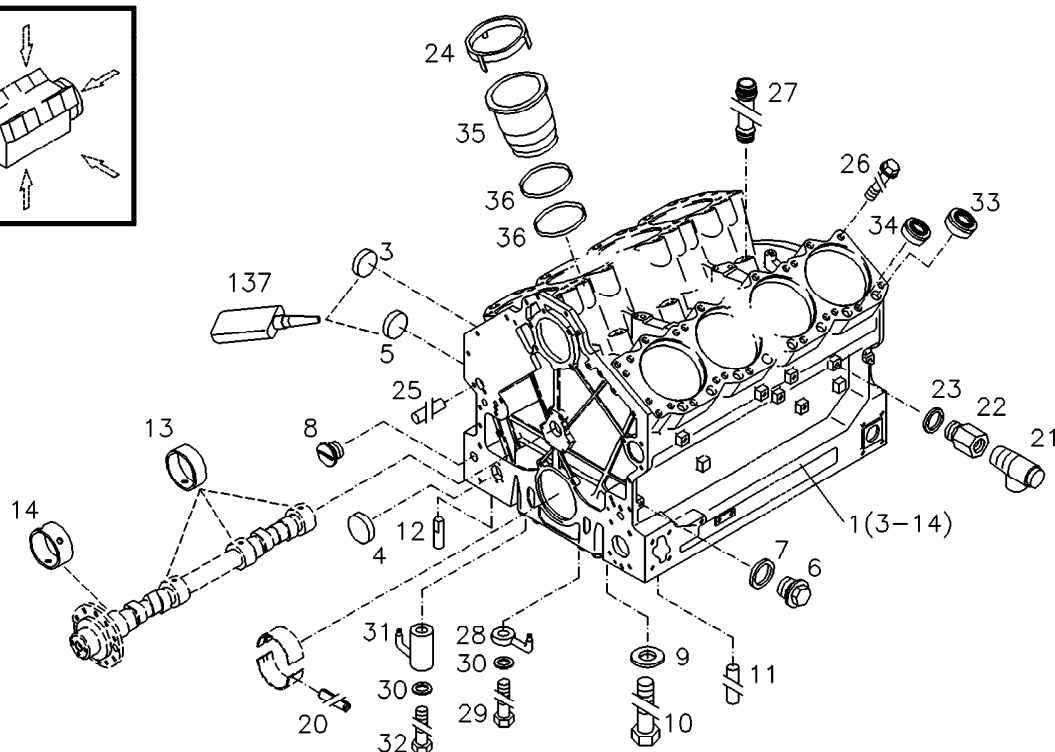
Constr. Group: 01

Equipment: 00002203476  
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0509 6218

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	12312232	Kit ?		AW	1	ST		Engine block	Engine block	WITH ITEM.... (3-14)
3	01144676	Kit ?			15	ST		Cover	Cover	
4	01152717	Kit ?			1	ST		Cover	Cover	
5	01152710	Kit ?			3	ST		Cover	Cover	
6	01152105	Kit ?	20	20	2	ST		Screw plug	Screw plug	
7	01118681	Kit ?			2	ST		Sealing ring	Sealing ring	
8	01165794	Kit ?			1	ST		Slotted plug	Slotted plug	
9	01154443	Kit ?		70	28	ST		Plain washer	Plain washer	
10	01153796	Kit ?			28	ST		Hexagon bolt	Hexagon bolt	
11	12160932	Kit ?			7	ST		Pin	Pin	
12	12160931	Kit ?			7	ST		Pin	Pin	
13	12200055	Kit ?			6	ST		Bearing bush	Bearing bush	
14	12190961	Kit ?			1	ST		Bearing bush	Bearing bush	
20	01115413	Kit ?			7	ST		Straight pin	Straight pin	
21	12188643	Kit ?			2	ST		Drain valve	Drain valve	
22	12161138	Kit ?			1	ST		Screw connector	Screw connector	
23	01118688	Kit ?			1	ST		Sealing ring	Sealing ring	
24	12275302	Kit ?			12	ST		Sealing ring	Sealing ring	
25	01105181	Kit ?			4	ST		Parallel pin	Parallel pin	
26	12163212	Kit ?			48	ST		Hexagon bolt	Hexagon bolt	
27	12276145	Kit ?			24	ST		Protecting tube	Protecting tube	
28	12277184	Kit ?			6	ST		Nozzle	Nozzle	
29	01111151	Kit ?	20	20	6	ST		Hexagon bolt	Hexagon bolt	



ETL no.: 0509 6218 Crankcase

Constr. Group: 01

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Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
30	01107281	Kit ?	10	10	12	ST		Spring washer	Spring washer	
31	12312130	Kit ?			6	ST		Nozzle	Nozzle	
32	01111216	Kit ?			6	ST		Hexagon bolt	Hexagon bolt	
33	12313400	Kit ?			24	ST		Gasket	Gasket	
34	12313401	Kit ?			24	ST		Gasket	Gasket	
35	12275301	Kit ?			12	ST		Cylinder liner	Cylinder liner	
36	01153816	Kit ?	10	10	24	ST		O-seal	O-seal	
137	01016112	Kit ?	20	20	1	KG		Safety/lock.agent	Safety/lock.agent	