

## Assembly group directory

Equipment:

Output:

ETL scope:

Engine type:

TBG16 620V

Speed:

CG	ETL-No.	Designation (en)	Designation (en)
<b>1</b>		<b>Crankcase</b>	
1	0508 1393	Crankc. end cover	Crankc. end cover
1	0508 1398	Engine mounting	Engine mounting
1	0508 5021	Tdc-pointer	Tdc-pointer
1	0508 5032	Cover	Cover
1	0508 5033	Cover	Cover
1	0508 5099	Cover	Cover
1	0508 5158	Disch./drain pipe	Disch./drain pipe
1	0508 5161	Piston cooling	Piston cooling
1	0508 9563	Crankcase breather	Crankcase breather
1	0508 9589	Crankcase	Crankcase
1	0508 9629	Cover	Cover
1	0508 9818	Blanking parts	Blanking parts
<b>2</b>		<b>Oil pan</b>	
2	0508 5221	Oil pan	Oil pan
2	0508 9623	Dipstick	Dipstick
<b>5</b>		<b>Crankshaft</b>	
5	0508 4062	Accessories	Accessories
5	0508 5000	Flywheel flange	Flywheel flange
5	0508 5003	Crankshaft	Crankshaft
5	0508 5005	Crankshaft access.	Crankshaft access.
5	0508 5006	Main bearing	Main bearing
5	0508 9158	Flywheel	Flywheel
5	0508 9609	Crankshaft access.	Crankshaft access.
<b>6</b>		<b>Connecting rod</b>	
6	0508 5083	Big end bearing	Big end bearing
6	0508 5135	Connecting rod	Connecting rod
<b>7</b>		<b>Piston</b>	
7	0508 9371	Piston	Piston
<b>8</b>		<b>Cylinder head</b>	
8	0508 5062	Installation parts	Installation parts
8	0508 9104	Valve mechan.cover	Valve mechan.cover
8	0508 9592	Cylinder head	Cylinder head
<b>9</b>		<b>Timing chest</b>	
9	0508 5056	Idler bearing	Idler bearing
9	0508 5086	Toothed gear	Toothed gear
9	0508 9603	Crankc. end cover	Crankc. end cover
9	0508 9618	Cover	Cover
9	0508 9622	Crankc. end cover	Crankc. end cover
<b>10</b>		<b>Camshaft</b>	
10	0508 5057	Support	Support
10	0508 5087	Toothed gear	Toothed gear
10	0508 5088	Fastenings	Fastenings
10	0508 9604	Camshaft	Camshaft
10	0508 9614	Toothed gear	Toothed gear
<b>11</b>		<b>Timing gears</b>	
11	0508 5092	Valve drive	Valve drive
<b>14</b>		<b>Lube oil pump</b>	
14	0508 2121	Installation parts	Installation parts
14	0508 5002	Lubricat. oil pump	Lubricat. oil pump

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<b>15</b>		<b>Lube oil/-cooler</b>	
15	0508 5038	Oil cooler	Oil cooler
15	0508 5039	Oil cooler	Oil cooler
15	0508 5045	Bracket	Bracket
15	0508 5046	Bracket	Bracket
15	0508 5141	Lubric. oil filter	Lubric. oil filter
15	0509 0096	Spin-on filter	Spin-on filter
<b>16</b>		<b>Oil pipes</b>	
16	0508 5077	Oil line	Oil line
16	0508 5129	Oil suction line	Oil suction line
16	0508 5142	Oil line	Oil line
16	0508 5186	Oil line	Oil line
16	0508 5187	Oil line	Oil line
16	0508 5324	Oil line	Oil line
16	0508 5325	Press.relief valve	Press.relief valve
16	0508 9330	Lubric. oil supply	Lubric. oil supply
16	0508 9538	Oil return pipe	Oil return pipe
16	0508 9602	Priming set assy	Priming set assy
16	0508 9615	Lubricat. oil line	Lubricat. oil line
16	0508 9624	Pressure oil line	Pressure oil line
<b>22</b>		<b>Suction pipe/air cleaner</b>	
22	0508 9170	Service gauge	Service gauge
22	0508 9554	Air filter fitment	Air filter fitment
<b>26</b>		<b>Heater plug installation</b>	
26	0508 9387	Ignition system	Ignition system
26	0508 9411	Spark plug	Spark plug
26	0508 9607	Ignition system	Ignition system
<b>27</b>		<b>Speed control</b>	
27	0508 9597	Contr. device assy	Contr. device assy
<b>38</b>		<b>Water pipes</b>	
38	0508 9601	Cooling water line	Cooling water line
38	0508 9616	Cooling water line	Cooling water line
38	0508 9619	Cool.water passage	Cool.water passage
38	0508 9620	Cooling water line	Cooling water line
38	0508 9621	Accessories	Accessories
38	0508 9628	Accessories	Accessories
38	0508 9632	Cool.water preheat	Cool.water preheat
<b>41</b>		<b>Exhaust manifold</b>	
41	0508 9567	Exhaust pipe	Exhaust pipe
41	0508 9596	Compensator	Compensator
41	0508 9661	Exhaust gas bend	Exhaust gas bend
<b>43</b>		<b>Turbocharger</b>	
43	0508 9610	Turbocharger	Turbocharger
43	0508 9611	Accessories	Accessories
<b>44</b>		<b>Alternator/starter motor</b>	
44	0508 0848	Starter motor	Starter motor
44	0508 5028	Bracket	Bracket
<b>46</b>		<b>Engine mounting, rigid</b>	
46	0508 5189	Claw	Claw
<b>48</b>		<b>Electrical accessories</b>	

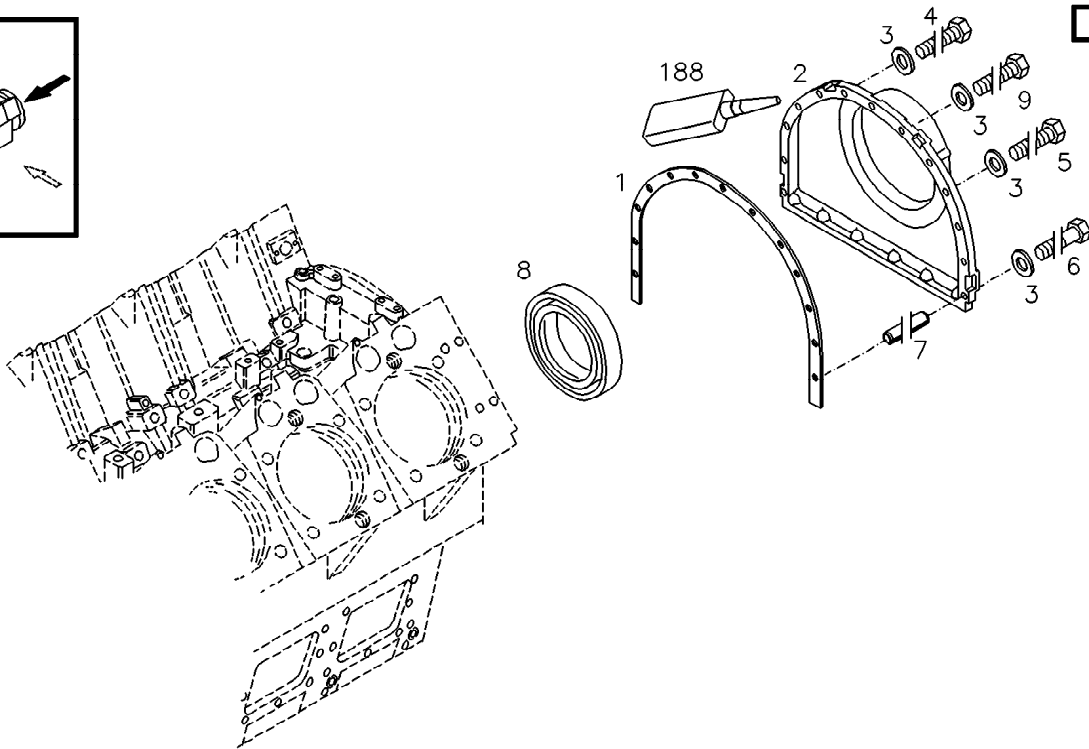
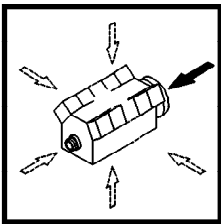
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**Output:**  
**ETL scope:**

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<b>CG</b>	<b>ETL-No.</b>	<b>Designation (en)</b>	<b>Designation (en)</b>
48	0508 9565	Monitoring	Monitoring
48	0508 9626	Fastenings	Fastenings
48	0508 9630	Cabling	Cabling
48	0508 9640	Switch mounting	Switch mounting
48	0508 9645	Set of wiring	Set of wiring
48	0508 9649	Sensor	Sensor
48	0508 9650	Monitoring	Monitoring
48	0508 9666	Oil level control	Oil level control
48	0509 5120	Installation parts	Installation parts
48	0509 5857	Relay	Relay
<b>52</b>		<b>Clutch</b>	
52	0508 9657	Flange coupling	Flange coupling
<b>58</b>		<b>Intercooler</b>	
58	0508 9605	Cooler assembly	Cooler assembly
58	0508 9606	Cooler assembly	Cooler assembly
<b>64</b>		<b>Gas system</b>	
64	0508 9004	Intake manifold	Intake manifold
64	0508 9577	Accessories	Accessories
64	0508 9578	Accessories	Accessories
64	0508 9608	Gas carburettor	Gas carburettor
64	0508 9656	Gas line	Gas line
64	0509 5210	Hose assembly	Hose assembly
64	0509 5723	Accessories	Accessories
<b>87</b>		<b>Charge air pipe</b>	
87	0508 1354	Intake manifold	Intake manifold
87	0508 9188	Bush	Bush
87	0508 9525	Mixture pipe	Mixture pipe
87	0508 9569	Mixture pipe	Mixture pipe
87	0508 9659	Mixture pipe	Mixture pipe
<b>90</b>		<b>Set of parts</b>	
90	0508 9904	Gasket set	Gasket set
90	0508 9905	Gasket set	Gasket set

ETL no.: 0508 1393 Crankc. end cover      Constr. Group: 01

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0508 1393

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	12028085	Kit ?			1	ST		Gasket	Gasket	
2	12027708	Kit ?			1	ST		Crankc. end cover	Crankc. end cover	
3	01151019	Kit ?	90	90	12	ST		Plain washer	Plain washer	
4	01137083	Kit ?	20	20	3	ST		Hexagon bolt	Hexagon bolt	
5	01112333	Kit ?	20	20	6	ST		Hexagon bolt	Hexagon bolt	
6	01111156	Kit ?			2	ST		Hexagon bolt	Hexagon bolt	
7	01176661	Kit ?			2	ST		Straight pin	Straight pin	
8	12029427	Kit ?			1	ST		Rot.shaft lip seal	Rot.shaft lip seal	
9	01112339	Kit ?	20	20	2	ST		Hexagon bolt	Hexagon bolt	
188	01016122	Kit ?	20	20	1	KG		Packing compound	Packing compound	