

**Equipment information**

**Equipment:** 62012000104  
**Type:** TBG12 620V  
**Output:** 0000825,0 kW  
**Speed:** 1500 1/min  
**Build date:** 01.08.1994  
**KLU-Number:**  
**ETL scope:** EU254626  
**MVS:** 212

**VKU date:** 01.08.1994

**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:**

## Assembly group directory

<b>Equipment:</b>	62012000104	<b>Engine type:</b>	TBG12 620V
<b>Output:</b>	0000825,0 kW	<b>Speed:</b>	1500 1/min
<b>ETL scope:</b>	EU254626		

<b>CG</b>	<b>ETL-No.</b>	<b>Designation (en)</b>	<b>Designation (en)</b>
<b>1</b>		<b>Crankcase</b>	
1	0508 1393	Crankc. end cover	Crankc. end cover
1	0508 1394	Gear-box cover	Gear-box cover
1	0508 1398	Engine mounting	Engine mounting
1	0508 1986	Hole cover	Hole cover
1	0508 3709	Tdc-pointer	Tdc-pointer
1	0508 9126	Crankc. end cover	Crankc. end cover
1	0508 9270	Cover	Cover
1	0508 9277	Cover	Cover
1	0508 9384	Crankcase breather	Crankcase breather
1	0508 9386	Crankcase breather	Crankcase breather
1	0508 9564	Crankcase	Crankcase
<b>2</b>		<b>Oil pan</b>	
2	0508 2462	Oil pan	Oil pan
2	0508 9235	Dipstick	Dipstick
<b>5</b>		<b>Crankshaft</b>	
5	0508 2140	Stop ring	Stop ring
5	0508 3360	Crankshaft access.	Crankshaft access.
5	0508 3382	Main bearing	Main bearing
5	0508 3399	Crankshaft	Crankshaft
5	0508 3871	Flywheel flange	Flywheel flange
5	0508 9105	Flywheel	Flywheel
5	0508 9275	Fastenings	Fastenings
<b>6</b>		<b>Connecting rod</b>	
6	0508 2320	Big end bearing	Big end bearing
6	0508 3321	Connecting rod	Connecting rod
<b>7</b>		<b>Piston</b>	
7	0508 9371	Piston	Piston
<b>8</b>		<b>Cylinder head</b>	
8	0508 2179	Installation parts	Installation parts
8	0508 2253	Plug	Plug
8	0508 9104	Valve mechan.cover	Valve mechan.cover
8	0508 9315	Cylinder head	Cylinder head
<b>9</b>		<b>Timing chest</b>	
9	0508 1402	Axle	Axle
9	0508 3404	Idler gear	Idler gear
9	0508 9116	Axle	Axle
<b>10</b>		<b>Camshaft</b>	
10	0508 2130	Cover	Cover
10	0508 3918	Camshaft	Camshaft
10	0508 9370	Camshaft drive	Camshaft drive
<b>11</b>		<b>Timing gears</b>	
11	0508 1173	Protecting tube	Protecting tube
11	0508 1176	Rocker arm bracket	Rocker arm bracket
11	0508 2124	Valve drive	Valve drive
11	0508 3669	Valve bridge	Valve bridge
<b>14</b>		<b>Lube oil pump</b>	
14	0508 1411	Lubricat. oil pump	Lubricat. oil pump
14	0508 2121	Installation parts	Installation parts

<b>Equipment:</b>	62012000104	<b>Engine type:</b>	TBG12 620V
<b>Output:</b>	0000825,0 kW	<b>Speed:</b>	1500 1/min
<b>ETL scope:</b>	EU254626		

CG	ETL-No.	Designation (en)	Designation (en)
<b>15</b>		<b>Lube oil/-cooler</b>	
15	0508 2884	Oil cooler	Oil cooler
15	0508 9100	Lubric. oil filter	Lubric. oil filter
<b>16</b>		<b>Oil pipes</b>	
16	0508 1412	Lubricat. oil line	Lubricat. oil line
16	0508 1416	Piston cooling	Piston cooling
16	0508 1421	Pressure oil line	Pressure oil line
16	0508 1422	Oil drain	Oil drain
16	0508 1834	Oil suction line	Oil suction line
16	0508 2888	Blanking parts	Blanking parts
16	0508 3879	Oil press.reg.valv	Oil press.reg.valv
16	0508 9107	Pressure oil line	Pressure oil line
16	0508 9110	Oil return pipe	Oil return pipe
16	0508 9121	Pressure oil line	Pressure oil line
16	0508 9124	Oil line	Oil line
16	0508 9330	Lubric. oil supply	Lubric. oil supply
16	0508 9385	Electr.prelubricat	Electr.prelubricat
16	0508 9528	Oil level control	Oil level control
16	0508 9534	Oil level control	Oil level control
<b>22</b>		<b>Suction pipe/air cleaner</b>	
22	0508 9120	Air filter	Air filter
22	0508 9136	Intake air cleaner	Intake air cleaner
22	0508 9170	Service gauge	Service gauge
<b>26</b>		<b>Heater plug installation</b>	
26	0508 9358	Ignition system	Ignition system
26	0508 9362	Ignition system	Ignition system
26	0508 9428	Ignition system	Ignition system
<b>27</b>		<b>Speed control</b>	
27	0508 9142	Contr. device assy	Contr. device assy
27	0508 9147	Speed adjustment	Speed adjustment
<b>37</b>		<b>Cooling water pump</b>	
37	0508 1445	Cover	Cover
37	0508 2465	Flanged socket	Flanged socket
37	0508 9127	Cover	Cover
<b>38</b>		<b>Water pipes</b>	
38	0508 9388	Cooling water line	Cooling water line
38	0508 9389	Cooling water line	Cooling water line
<b>41</b>		<b>Exhaust manifold</b>	
41	0508 9119	Exhaust pipe	Exhaust pipe
41	0508 9128	Exhaust pipe	Exhaust pipe
41	0508 9529	Installation parts	Installation parts
<b>43</b>		<b>Turbocharger</b>	
43	0508 9383	Turbocharger	Turbocharger
<b>44</b>		<b>Alternator/starter motor</b>	
44	0502 9977	Parts start.motor	Parts start.motor
44	0508 0525	Starter motor	Starter motor
44	0508 2109	Starter support	Starter support
<b>46</b>		<b>Engine mounting, rigid</b>	
46	0508 1397	Claw	Claw
<b>48</b>		<b>Electrical accessories</b>	

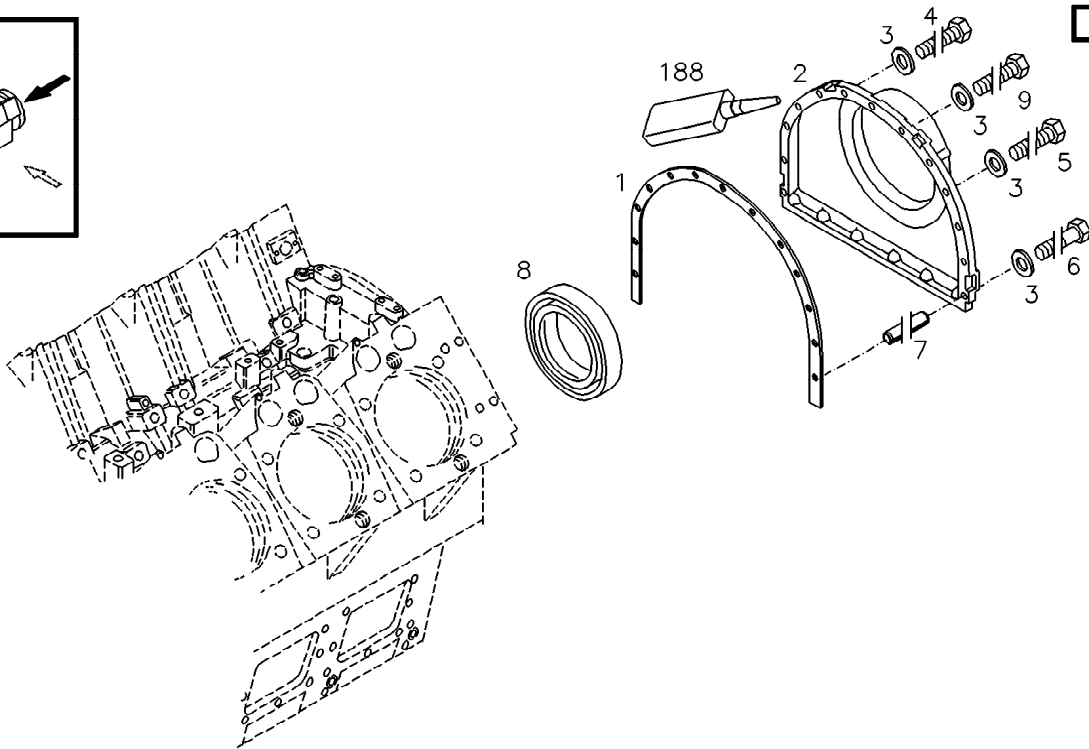
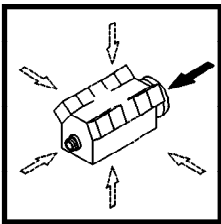
**Equipment:** 62012000104  
**Output:** 0000825,0 kW  
**ETL scope:** EU254626

**Engine type:** TBG12 620V  
**Speed:** 1500 1/min

<b>CG</b>	<b>ETL-No.</b>	<b>Designation (en)</b>	<b>Designation (en)</b>
48	0508 3752	Switch mounting	Switch mounting
48	0508 9420	Cable	Cable
48	0508 9423	Cabling	Cabling
48	0508 9505	Bracket	Bracket
48	0509 4764	Monitoring	Monitoring
<b>58</b>		<b>Intercooler</b>	
58	0508 2256	Charge air cooler	Charge air cooler
58	0508 2324	Radiator bracket	Radiator bracket
58	0508 2325	Radiator bracket	Radiator bracket
58	0508 9138	Cover	Cover
<b>64</b>		<b>Gas system</b>	
64	0508 9214	Gas line	Gas line
64	0508 9381	Gas carburettor	Gas carburettor
64	0508 9532	Hose assembly	Hose assembly
<b>87</b>		<b>Charge air pipe</b>	
87	0508 1948	Intake manifold	Intake manifold
87	0508 9122	Mixture pipe	Mixture pipe
87	0508 9188	Bush	Bush

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

Equipment:	62012000104	Engine type:	TBG12 620V
Output:	0000825,0 kW	Speed:	1500 1/min
ETL scope:	EU254626		



0508 1393

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

## Materials order list

Order:

User:

Date of maintenance measure:

Customer:

Reference:

Equipment: 62012000104

Date/Time: 2021.03.22 15:46:03

EL-ID: \_620G; EL-No.: 09999996

Equipment: 62012000104

Engine type: TBG12 620V

Materials for maintenance measure:

E10 -- Initial maintenance

E30 -- inspection

E40 -- 1st extended inspection

E50 -- 2nd extended inspection

E60 -- intermediate overhaul

E70 -- major overhaul

RS Zyl.K -- repair kit cylinder head

No	Qty	Material	MS	VS	Weight	Total ..	Unit Price	Total Price	Designation	from ETL	AG	Item	Service	EL-ID	ID-No.	Quantity used
0001000	12	1203 2892			0,038	0,456			Gasket	0508 9104	8	2	E10	_620G	0080016	12
0002000	12	0118 0993			0,005	0,060			O-seal	0508 9104	8	8	E10	_620G	0080017	12
0003000	3	1212 8936			2,020	6,060			Lubric. oil filter	0508 9100	15	19	E10	_620G	0150004	3
0004000	1	1215 3176	90	90	0,528	0,528			Lubric. oil filter	0508 9385	16	42	E10	_620G	0160001	1
0005000	12	1203 2892			0,038	0,456			Gasket	0508 9104	8	2	E30	_620G	0080016	12
0006000	12	0118 0993			0,005	0,060			O-seal	0508 9104	8	8	E30	_620G	0080017	12
0007000	12	1203 2892			0,038	0,456			Gasket	0508 9104	8	2	E40	_620G	0080016	12
0008000	12	0118 0993			0,005	0,060			O-seal	0508 9104	8	8	E40	_620G	0080017	12
0009000	3	1212 8936			2,020	6,060			Lubric. oil filter	0508 9100	15	19	E40	_620G	0150004	3
0010000	1	1215 3176	90	90	0,528	0,528			Lubric. oil filter	0508 9385	16	42	E40	_620G	0160001	1
0011000	12	0118 0987	90	90	0,001	0,012			Spark plug	0508 9362	26	11	E40	_620G	0260001	12
0012000	2	0117 7725			0,004	0,008			O-seal	0508 9384	1	27	E50	_620G	0010007	2
0013000	2	1203 7168			0,043	0,086			Tubing connection	0508 9386	1	9	E50	_620G	0010008	2
0014000	2	1203 7536			0,715	1,430			Oil separator	0508 9384	1	24	E50	_620G	0010009	2
0015000	12	1214 1768	10	10	44,780	537,360			Cylinder head	0508 9315	8	1	E50	_620G	0080001	12
0016000	3	1212 8936			2,020	6,060			Lubric. oil filter	0508 9100	15	19	E50	_620G	0150004	3
0017000	1	1215 3176	90	90	0,528	0,528			Lubric. oil filter	0508 9385	16	42	E50	_620G	0160001	1
0018000	12	0118 0987	90	90	0,001	0,012			Spark plug	0508 9362	26	11	E50	_620G	0260001	12
0019000	1	0117 6724			0,015	0,015			Gasket	0508 9388	38	4	E50	_620G	0380019	1
0020000	1	0117 9498			0,074	0,074			Gasket	0508 9388	38	44	E50	_620G	0380020	1
0021000	2	0116 3400			0,009	0,018			O-seal	0508 9388	38	59	E50	_620G	0380021	2
0022000	1	0117 6724			0,015	0,015			Gasket	0508 9388	38	34	E50	_620G	0380022	1
0023000	1	0122 2933			0,015	0,015			Flange gasket	0508 9389	38	71	E50	_620G	0380023	1