

# Spare Parts Catalogue

Document ID

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Date of issue

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Installation **QUICKCAT**

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Engine type **TBD604BV12**

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Engine number **12010234**

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Project

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**Equipment information**

**Equipment:** 60412010234  
**Type:** TBD12 604BV  
**Output:** 0001095,0 kW  
**Speed:** 1650 1/min  
**Build date:** 01.11.1992  
**KLU-Number:**  
**ETL scope:** EU107246  
**MVS:** 212

**VKU date:** 01.11.1992

**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:**

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**Equipment:** D60412010234      **Engine type** TBD604BV12

<b>CG</b>	<b>ETL-No.</b>	<b>Designation (en)</b>
<b>1</b>		<b>Crankcase</b>
1	05080788	Flange
1	05081391A	Crankcase
1	05081393	Crankc. end cover
1	05081394	Gear-box cover
1	05081398	Engine mounting
1	05081428	Oil filler neck
1	05081429	Crankcase breather
1	05081978	Tdc-pointer
1	05081986	Hole cover
1	05082123	Bracket
1	05083714	Disch./drain pipe
<b>2</b>		<b>Oil pan</b>
2	05082462	Oil pan
2	05083390	Dipstick
<b>5</b>		<b>Crankshaft</b>
5	05080852	Starter ring gear
5	05082140	Stop ring
5	05082142	Main bearing
5	05082182	Flywheel flange
5	05082529	Flywheel
5	05083399	Crankshaft
5	05083924	Crankshaft access.
<b>6</b>		<b>Connecting rod</b>
6	05082320	Big end bearing
6	05083321	Connecting rod
<b>7</b>		<b>Piston</b>
7	05081279	Piston
<b>8</b>		<b>Cylinder head</b>
8	05081177	Valve mechan.cover
8	05082115	Regulator
8	05082179	Installation parts
8	05083095	Cylinder head
8	05083718	Control
8	05084023	Cool.water passage
<b>9</b>		<b>Timing chest</b>
9	05081329	Blanking parts
9	05081402	Axle
9	05081444	Idler gear
9	05083925	Idler gear

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<b>CG</b>	<b>ETL-No.</b>	<b>Designation (en)</b>
<b>10</b>		<b>Camshaft</b>
10	05082130	Cover
10	05083380	Camshaft drive
10	05084012	Camshaft
<b>11</b>		<b>Timing gears</b>
11	05081173	Protecting tube
11	05081176	Rocker arm bracket
11	05083669	Valve bridge
11	05084050	Valve drive
<b>14</b>		<b>Lube oil pump</b>
14	05082121	Installation parts
14	05083701	Geared pump
<b>15</b>		<b>Lube oil/-cooler</b>
15	05081396	Radiator bracket
15	05081417	Lubric. oil filter
15	05081851	Oil centrifuge
<b>16</b>		<b>Oil pipes</b>
16	05081412	Lubricat. oil line
16	05081416	Piston cooling
16	05081421	Pressure oil line
16	05081422	Oil drain
16	05081425	Pressure oil line
16	05081512	Three-way cock
16	05081517	Drain line
16	05081726	Lubricat. oil line
16	05081834	Oil suction line
16	05081842	Lubricat. oil line
16	05082176	Lubricat. oil line
16	05082547	Oil line
16	05082714	Oil drain pipe
16	05082888	Blanking parts
16	05082973	Oil line
16	05083264	Oil line
16	05083323	Oil line
16	05083811	Lubricat. oil pump
16	05083879	Oil press.reg.valv
16	05084033	Oil drain pipe
16	05084035	Feed line

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<b>CG</b>	<b>ETL-No.</b>	<b>Designation (en)</b>
<b>17</b>		<b>Injection pump</b>
17	05081246	Indicator
17	05082211	Limit stop
17	05082218	Fastenings
17	05082502	Lp pipe
17	05083914	Fuel inject. pump
17	ETL20072	Limit stop
<b>18</b>		<b>Injection pump drive</b>
18	05084038	Inject. pump drive
<b>19</b>		<b>Injector</b>
19	05081860	Fuel injector
19	05082165	Clamping yoke
19	05082166	Installation parts
<b>20</b>		<b>Fuel filter</b>
20	05081866	Bracket
20	05082350	Fuel duplex filter
20	05083907	Fuel pump
<b>21</b>		<b>Fuel pipes/fuel tank</b>
21	05081440	Manifold
21	05082104	Hose assembly
21	05082323	Leak off line
21	05082326	Fuel line
21	05082327	Connector
21	05083801	Accessories
<b>22</b>		<b>Suction pipe/air cleaner</b>
22	05082390	Air feed
<b>27</b>		<b>Speed control</b>
27	05082410	Speed governor
<b>29</b>		<b>Control linkage</b>
29	05081441	Control linkage
29	05082259	Adjuster
29	05082283	Cover
<b>32</b>		<b>Starting system</b>
32	05034713	Auxiliaries/acc.
32	05038190	Comp.air reservoir
32	05038653	Flanged bush
<b>34</b>		<b>Vibration damper</b>
34	05082192	Vibration damper
34	05083869	Fastenings

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<b>CG</b>	<b>ETL-No.</b>	<b>Designation (en)</b>
<b>36</b>		<b>Water cooler</b>
36	05082249	Bracket
36	05083808	Thermostat
<b>37</b>		<b>Cooling water pump</b>
37	05081445	Cover
37	05081461	Elbow connector
37	05084008	Centrifugal pump
<b>38</b>		<b>Water pipes</b>
38	05061410	Temper. controller
38	05080789	Cooling water line
38	05081450	Pipe elbow
38	05082400	Cooling water line
38	05082413	Welding flange
38	05082416	Compensator
38	05082417	Breather line
38	05082460	Cooling water line
38	05083322	Cooling water line
38	05083349	Cooling water line
38	05083858	Accessories
38	05083886	Cooling water line
38	05083892	Breather line
<b>41</b>		<b>Exhaust manifold</b>
41	05080878	Compensator
41	05083244	Exhaust manifold
41	05084036	Exhaust pipe
41	05084037	Exhaust pipe
<b>43</b>		<b>Turbocharger</b>
43	05083286	Accessories
43	05095555	Turbocharger
<b>44</b>		<b>Alternator/starter motor</b>
44	05082935	Air starter
44	05082936	Bracket
44	05082937	Bracket
44	05083813	Accessories
<b>46</b>		<b>Engine mounting, rigid</b>
46	05081397	Claw
<b>47</b>		<b>Engine mounting, flexibl</b>
47	05084041	Silentbloc

**Equipment:** D60412010234      **Engine type** TBD604BV12

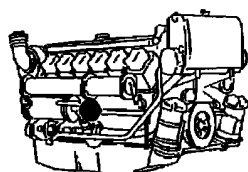
<b>CG</b>	<b>ETL-No.</b>	<b>Designation (en)</b>
<b>48</b>		<b>Electrical accessories</b>
48	05033560	Temper.transmitter
48	05033561	Switching device
48	05066228	Pulse generator
48	05080534	Solenoid valve
48	05082234	Flow switch
48	05082693	Temper.transmitter
48	05083238	Temper.transmitter
48	05083479	Cabling
48	05083487	Cabling
48	05083540	Assembly
48	05083541	Assembly
48	05083572	Switching device
48	05083659	Accessories
48	05083687	Mating part
48	05083710	Cable terminal box
48	05083733	Pressure switch
48	05083735	Blanking parts
48	05083745	Pressure switch
48	05083748	Pressure switch
48	05083752	Switch mounting
48	05083776	Accessories
48	05083795	Fastenings
48	05083822	Temper.transmitter
48	05083823	Temper.transmitter
48	05083824	Temper.transmitter
48	05083842	Monitoring
48	05083896	Accessories
<b>49</b>		<b>Tools</b>
49	05018702	Turn-over gear
49	05082770	Toolkit
49	05083232	Testing device
49	05083665	Toolkit
<b>51</b>		<b>Measuring instruments</b>
51	05082101	Pick-up
51	05082958	Pressure gauge
51	05082963	Thermometer
51	05083405	Sensor
51	05083524	Temper.transmitter
51	05083557	Protecting cap
51	05083806	Thermocouple
<b>56</b>		<b>Engine shutdown</b>
56	05081249	Magnet/solenoid
<b>57</b>		<b>V-belt guard</b>
57	05083619	Protection



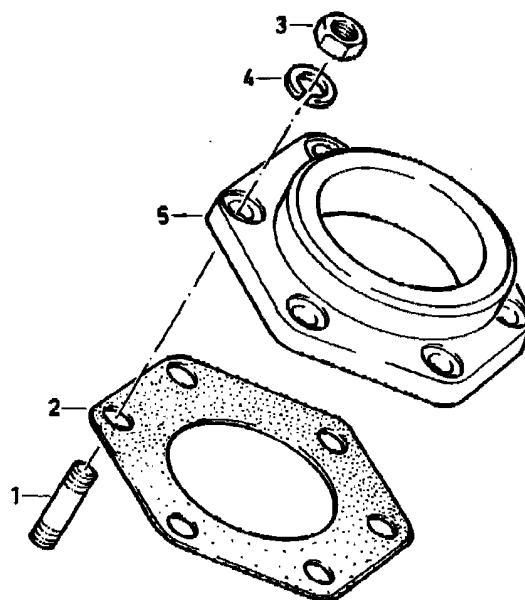
**Equipment:** D60412010234      **Engine type** TBD604BV12

<b>CG</b>	<b>ETL-No.</b>	<b>Designation (en)</b>
<b>58</b>		<b>Intercooler</b>
58	05082324	Radiator bracket
58	05082325	Radiator bracket
58	05082921	Charge air cooler
58	05083008	Fastenings
58	05084042	Cover
58	05084043	Cover
<b>63</b>		<b>Starting aid</b>
63	05082301	Cool.water preheat
63	05083674	Reservoir
<b>87</b>		<b>Charge air pipe</b>
87	05081948	Intake manifold
87	05082251	Bush
87	05082252	Cover
87	05082282	Bush
87	05082485	Cover
87	05082950	Air guidance
87	05082951	Air guidance
87	05083028	Charge air pipe
<b>96</b>		<b>Flexible tubing, various</b>
<b>98</b>		<b>Optional extras</b>

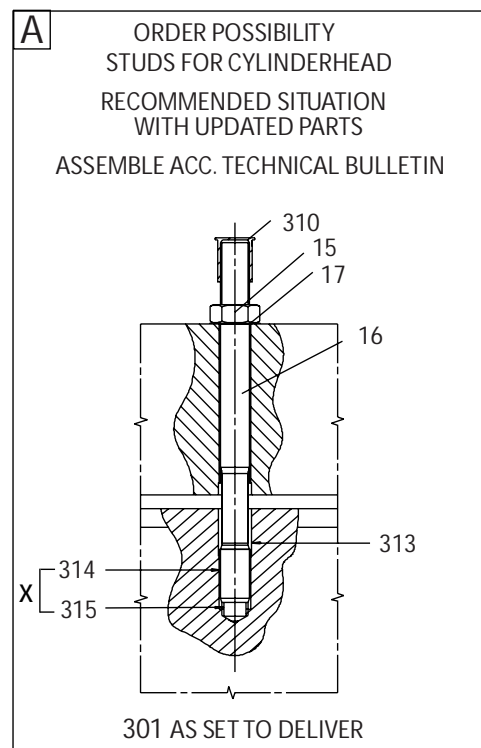
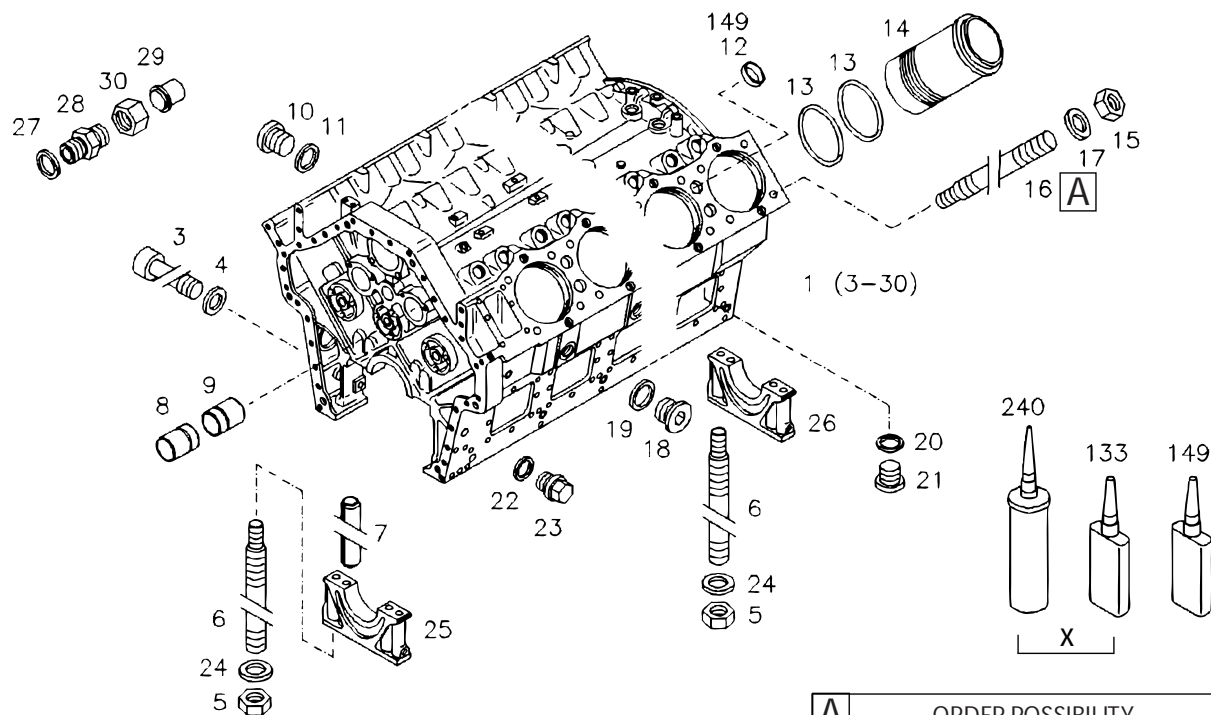
**ETL no.: 05080788 Flange**
**Equipment:** D60412010234

**Constr. Group: 1**
**Engine type:** TBD604BV12


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**0508 0788**

Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
1	01151604	6	ST	Stud	
2	12028137	1	ST	Gasket	
3	01112824	6	ST	Hexagon nut	
4	01102799	6	ST	Lock washer	
5	12031536	1	ST	Flange	

**ETL no.: 05081391A Crankcase**
**Constr. Group: 1**
**Equipment: D60412010234**
**Engine type: TBD604BV12**


Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
1	12047301	1	ST	Engine block	WITH ITEM.... (3-30)
3	01154900	14	ST	Cheese head screw	
4	01176707	14	ST	Plain washer	
5	01176614	28	ST	Hexagon nut	
6	12027039	28	ST	Stud	