



# Spare Parts Catalog

BV 6M 540 s/n 05967950

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**Equipment information**

**Equipment:** 00005967950  
**Type:** BV 6M 540  
**Output:** 0000000,0 kW  
**Speed:** 0000 1/min  
**Build date:** 01.03.1981  
**KLU-Number:**  
**ETL scope:** EU070429  
**MVS:** 951

**VKU date:** 01.03.1981

**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:**

**Equipment:** 05967950 **Engine type** BV6M540

<b>CG</b>	<b>ETL-No.</b>	<b>Designation</b>
<b>1</b>		<b>Crankcase</b>
1	05017730	Relief valve
1	05022041	Crankcase parts
1	05030726	Crankcase
<b>2</b>		<b>Oil pan</b>
2	05021993	Oil pan
<b>4</b>		<b>Cylinder</b>
4	05024462	Cylinder liner
<b>5</b>		<b>Crankshaft</b>
5	05024806	Flywheel
5	05026440	Tdc-pointer
5	05030740	Crankshaft
<b>6</b>		<b>Connecting rod</b>
6	05025774	Connecting rod
<b>7</b>		<b>Piston</b>
7	05021845	Piston
7	05030610	Set of pist. rings
<b>8</b>		<b>Cylinder head</b>
8	05021938	Cylinder head
8	05021939	Stop slide valve
8	05024830	Valve mechan. cas.
8	05030535	Turning gear
8	05030540	Exhaust valve
8	05030541	Inlet valve
8	05038174	Valve mechan. cas.
<b>9</b>		<b>Timing chest</b>
9	05017957	Breather
9	05017960	Implement carrier
9	05020475	Gear train
9	05026566	Breather
9	05062841	Gear train
<b>10</b>		<b>Camshaft</b>
10	05017980	Camshaft
10	05020618	Camshaft locator
10	05023850	Camshaft assy
<b>11</b>		<b>Timing gears</b>
11	05021944	Valve drive

**Equipment:** 05967950 **Engine type** BV6M540

<b>CG</b>	<b>ETL-No.</b>	<b>Designation</b>
<b>14</b>		<b>Lube oil pump</b>
14	05018001	Oil pump assy
14	05018004	Lubricat. oil pump
14	05018012	Lubricat. oil pump
14	05026446	Safety valve
<b>15</b>		<b>Lube oil/-cooler</b>
15	05022070	Oil filter assy
15	05033855	Lubric. oil filter
<b>16</b>		<b>Oil pipes</b>
16	05018031	Lubricat. oil line
16	05020683	Lubricat. oil line
16	05022069	Lubricat. oil line
16	05023147	Lubricat. oil line
16	05023168	Lubricat. oil line
16	05023286	Lubricat. oil line
16	05024496	Shuttle valve
16	05024562	Lubricat. oil line
16	05030506	Pressurestat
16	05032786	Disch./drain pipe
16	05065474	Lubricat. oil line
<b>17</b>		<b>Injection pump</b>
17	05018049	Retainer
17	05023098	Fastenings
17	05025844	Fuel inject. pump
17	05025849	Var.gear
17	05025850	Pump drive
17	05061950	Fuel inject. pump
17	05061958	Inject. pump drive
<b>19</b>		<b>Injector</b>
19	05023094	Fuel injector
<b>20</b>		<b>Fuel filter</b>
20	05021932	Fuel filter assy
20	05026359	Fuel duplex filter
<b>21</b>		<b>Fuel pipes/fuel tank</b>
21	05013774	Overflow valve
21	05017484	Leak off line
21	05018080	Fastenings
21	05020679	Fuel line
21	05021978	Bracket
21	05022064	Fuel line
21	05023136	High pressure pipe
21	05023699	Leak off line
21	05030747	Fastenings

**Equipment:** 05967950 **Engine type** BV6M540

<b>CG</b>	<b>ETL-No.</b>	<b>Designation</b>
<b>22</b>		<b>Exhaust pipe/air cleaner</b>
22	05023767	Silencer
22	05025912	Silencer
<b>27</b>		<b>Speed control</b>
27	05018085	Booster/servo unit
27	05018088	Booster/servo unit
27	05023171	Pipeline
27	05025776	Accessories
27	05030549	Speed governor
<b>29</b>		<b>Control linkage</b>
29	05018099	Linkage
29	05023179	Control rod
29	05023189	Shutdown lever
29	05023191	Flanged bearing
29	05026011	Adjusting rod
<b>30</b>		<b>Airstarting control</b>
30	05024812	Start air distrib.
<b>31</b>		<b>Starting valve</b>
31	05021957	Starting air valve
31	05025781	Indicator valve
31	05060221	Socket wrench
<b>32</b>		<b>Starting system</b>
32	05017397	Start master valve
32	05021786	Air filter
32	05023109	Safety system/dev.
32	05023280	Start master valve
32	05023753	Pilot line
32	05024550	Start air pipe
32	05024614	Valve plate
32	05024656	Panel
32	05026292	Quick-exhaust valv
32	05026538	Air-operated contr
32	05028574	Press.reducer assy
32	05029550	Non-return valve
32	05034701	Comp.air reservoir
32	05062881	Air-operated contr
32	05062951	Panel
32	05062952	Valve plate
<b>34</b>		<b>Vibration damper</b>
34	05017860	Vibration damper

Equipment: 05967950 Engine type BV6M540

CG	ETL-No.	Designation
<b>35</b>		<b>Control console</b>
35	05021826	Valve
35	05022112	Control unit
35	05022115	Control unit
35	05022118	Shift/trip valve
35	05022119	Direct.contr.valve
35	05022121	Indicator
35	05023789	Shift unit
35	05023791	Shuttle valve
35	05023792	Connector
35	05023793	Connector
35	05023794	Direct.contr.valve
35	05023795	Non-return valve
35	05023797	Direct.contr.valve
35	05023799	Direct.contr.valve
35	05023800	Direct.contr.valve
35	05023801	Pressure switch
35	05023802	Pressure switch
35	05023805	Distributor
35	05023806	Connector
35	05023807	Connector
35	05023811	Connector
35	05024428	Desk/console
35	05024610	Three-way valve
35	05026174	Non-return valve
35	05026184	Pushbutton
35	05026228	Air cleaner
35	05026291	Quick-exhaust valv
35	05061806	Pushbutton
<b>37</b>		<b>Cooling water pump</b>
37	05030758	Blanking parts
<b>38</b>		<b>Water pipes</b>
38	05020547	Cooling water line
38	05023107	Cooling water line
38	05025883	Cooling water line
38	05025887	Blanking parts
38	05025892	Cooling water line
38	05026016	Accessories
38	05061705	Cooling water line
<b>41</b>		<b>Exhaust manifold</b>
41	05017791	Safety plate
41	05024767	Cover
41	05025816	Exhaust pipe
41	05025914	Exhaust manifold
41	05038296	Cover plate

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<b>CG</b>	<b>ETL-No.</b>	<b>Designation</b>
<b>43</b>		<b>(Turbo)bocharger</b>
43	05017924	Turbocharger assy
43	05023840	Cleaning device
43	05028624	Cleaning device
43	05095555	Turbocharger
<b>46</b>		<b>Engine mounting, rigid</b>
46	05026518	Aligning device

**Equipment:** 05967950 **Engine type** BV6M540

<b>CG</b>	<b>ETL-No.</b>	<b>Designation</b>
<b>48</b>		<b>Electrical accessories</b>
48	05020506	Fastener
48	05020507	Fastener
48	05021920	Cable terminal box
48	05022006	Instrument panel
48	05022007	Pressure switch
48	05022015	Pressure switch
48	05022016	Pressure switch
48	05022019	Pressure switch
48	05024397	Pressure switch
48	05024402	Pressure switch
48	05024404	Pressure switch
48	05024405	Pressure switch
48	05024406	Pressure switch
48	05024407	Pressure switch
48	05024411	Pressure switch
48	05024440	Blanking parts
48	05024727	Electr.installat.
48	05024741	Cable terminal box
48	05024743	Cable terminal box
48	05024752	Electr.installat.
48	05024866	Cable terminal box
48	05024868	Cable terminal box
48	05024876	Cable raceway
48	05025822	Shuttle control
48	05026321	Pressure switch
48	05026326	Pressure switch
48	05026329	Pressure switch
48	05026333	Pressure switch
48	05026334	Pressure switch
48	05026338	Pressure switch
48	05026341	Pressure switch
48	05026342	Pressure switch
48	05026343	Pressure switch
48	05026345	Pressure switch
48	05026346	Pressure switch
48	05026348	Pressure switch
48	05033560	Temper.transmitter
48	05033561	Switching device
48	05061638	Cable terminal box
48	05062246	Pressure switch
48	05062292	Cable terminal box
48	05062892	Temper.transmitter
48	05062894	Temper.transmitter
48	05065571	Switching device
48	05065775	Electr.installat.
48	05065776	Electr.installat.



**Equipment:** 05967950                      **Engine type**    BV6M540

CG	ETL-No.	Designation
48	05065777	Electr. installat. (Ele)

**Equipment:** 05967950 **Engine type** BV6M540

CG	ETL-No.	Designation
<b>49</b>		<b>Tools</b>
49	05015500	Key
49	05015504	Tension/clamp dev.
49	05018139	Toolkit
49	05018140	Tool
49	05018145	Dismantling device
49	05018148	Device
49	05018151	Assembly device
49	05018152	Device
49	05018153	Assembly device
49	05018159	Piston ring pliers
49	05018164	Cover
49	05018168	Removing device
49	05018169	Toolkit
49	05018171	Cyl. measuring pin
49	05018175	Handling device
49	05020446	Tension/clamp dev.
49	05020452	Expanding device
49	05021796	Turning gear
49	05021803	Turning gear
49	05021804	Drive
49	05021805	Drive
49	05021806	Lock/stop
49	05021988	Tool
49	05022075	Pipe/line/lead
49	05023203	Removing device
49	05023205	Removing device
49	05023206	Suspension device
49	05024461	Handling device
49	05024584	Tension/clamp dev.
49	05024586	Tension/clamp dev.
49	05024632	Lowering device
49	05024658	Spanner
49	05024659	Spanner
49	05025801	Tension/clamp dev.
49	05025901	Ring compressor
49	05025902	Assembly device
49	05026008	Socket wrench
49	05026438	Toolkit
49	05028451	Hose assembly
49	05028568	Pump
49	05028598	High-pressure pump
49	05028599	High-pressure pump
49	05028709	Dismantling device
49	05038083	Tension/clamp dev.
49	05038339	Suspension device
49	05038601	Toolkit

**Equipment:** 05967950 **Engine type** BV6M540

<b>CG</b>	<b>ETL-No.</b>	<b>Designation</b>
49	05038691	Setting gauge
49	05038692	Toolkit
49	05038693	Toolkit
49	05060737	Toolkit
49	05060838	Toolkit
49	05060848	Toolkit
49	05061305	Pipe/line/lead
49	05061306	Toolkit
49	05061581	Toolkit
49	05062374	Tension/clamp dev.
49	05062504	Suspension device
<b>51</b>		<b>Measuring instruments</b>
51	05020303	Thermometer assy
51	05023196	Connection
51	05023243	Thermometer assy
51	05023374	Elapsed-hour meter
51	05023686	Elapsed-hour meter
51	05028847	Blanking parts
51	05031892	Elapsed-hour meter
51	05032941	Stop valve
51	05062197	Elapsed-hour meter
<b>56</b>		<b>Engine shutdown</b>
56	05021996	Cylinder
56	05022047	Stopping equipment
56	05022049	Stopping equipment
56	05022062	Rod end
<b>58</b>		<b>Intercooler</b>
58	05020496	Cooler assembly
58	05023112	Charge air cooler
58	05028558	Charge air cooler
58	05032035	Charge air cooler
58	05061689	Cooler assembly
<b>86</b>		<b>Cylinder lubrication</b>
86	05020338	Oil block pipe
86	05020343	Oil block pipe
86	05020344	Lubric. oil filter
86	05020345	Pressurestat
86	05023282	Blanking parts
<b>87</b>		<b>Charge air pipe</b>
87	05023133	Charge air pipe
87	05060470	Charge air pipe

Equipment: 05967950 Engine type BV6M540

CG ETL-No. Designation

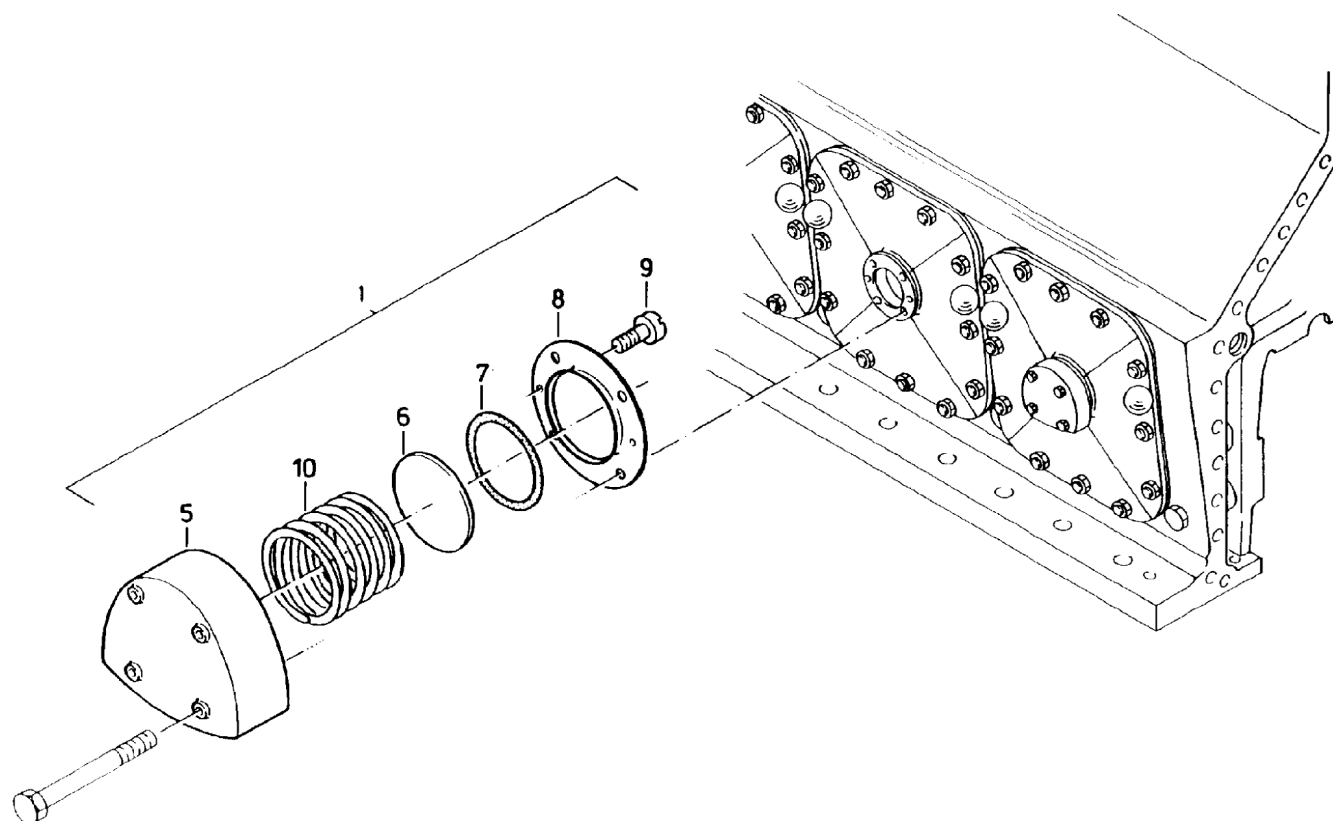
(en)

ETL no.: 05017730 Relief valve

Equipment: 05967950

Constr. Group: 1

Engine type: BV6M540



0501 7730

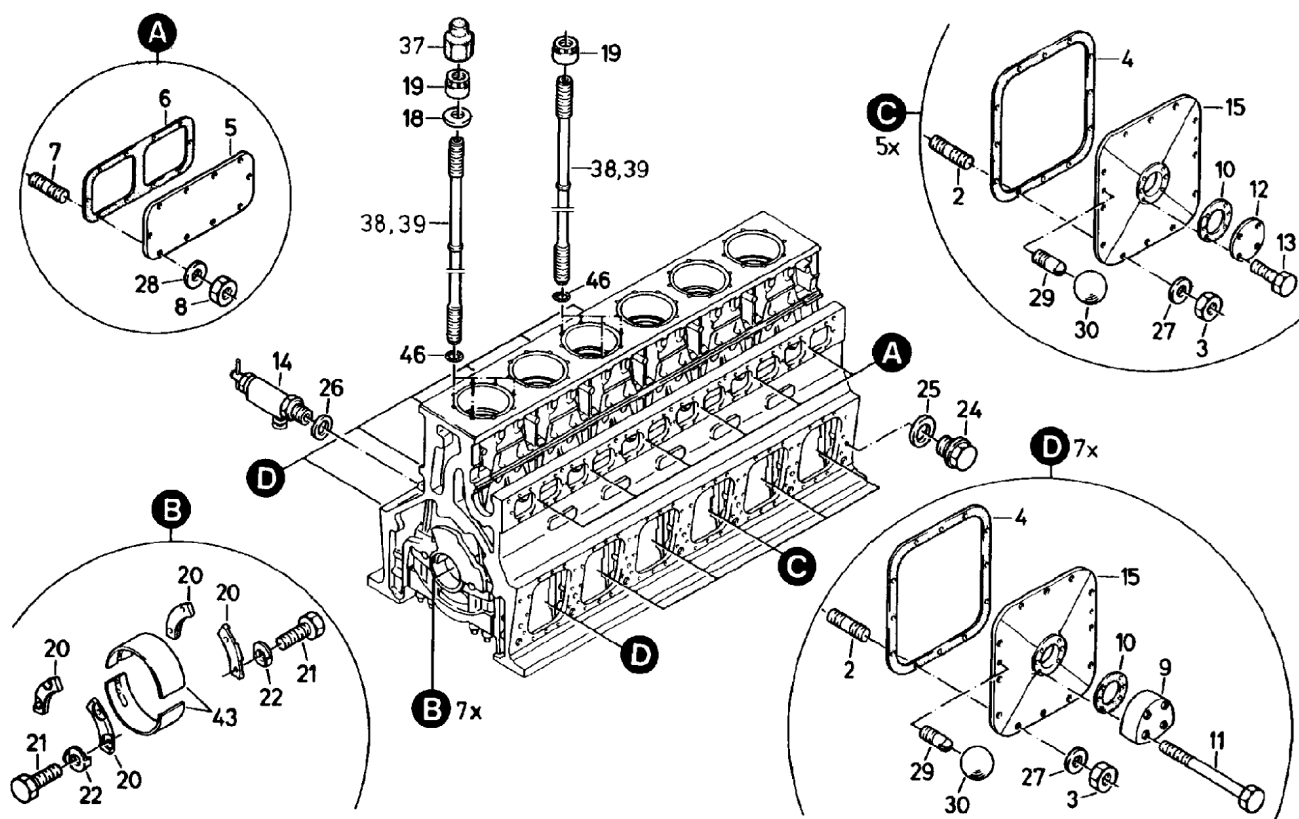
Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
1	03324682	1	ST	Relief valve	KOMPLETT OEFNUNGSDRUCK 0,1 BAR 950 002 (2-6)
5	03324681	1	ST	Housing/case	
6	03321400	1	ST	Plain washer	
7	01166140	1	ST	O-seal	
8	03324683	1	ST	Support/carrier	
9	01105522	2	ST	Cheese head screw	
10	01210345	1	ST	Helical spring	

## ETL no.: 05022041 Crankcase parts

Equipment: 05967950

Constr. Group: 1

Engine type: BV6M540



0502 2041

Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
2	01113553	144	ST	Stud	
3	01112858	144	ST	Hexagon nut	
4	02000409	12	ST	Gasket	
5	02002907	6	ST	Cover	
6	02000412	6	ST	Gasket	
7	01125608	60	ST	Stud	
8	01102659	60	ST	Hexagon nut	
9	03324682	7	ST	Relief valve	EINZELTEILE 0189-01-501 7 730
10	01216387	12	ST	Round flang.gasket	
11	01101142	38	ST	Hexagon bolt	
12	03321865	5	ST	Cover	
13	01112418	20	ST	Hexagon bolt	
14	01162841	6	ST	Drain valve	
15	02002878	12	ST	Cover	ALTE POS.1
18	02000415	24	ST	Plain washer	
19	02000416	48	ST	Annular nut	
20	02000417	28	ST	Guide plate	
21	01112307	56	ST	Hexagon bolt	
22	01106348	56	ST	Plain washer	
24	01101486	7	ST	Screw plug	
25	01118727	7	ST	Sealing ring	
26	01118713	6	ST	Sealing ring	
27	01107110	144	ST	Plain washer	

**ETL no.: 05022041 Crankcase parts****Equipment:** 05967950**Constr. Group: 1****Engine type:** BV6M540

Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
28	01107105	60	ST	Plain washer	
29	02002802	24	ST	Headless screw	
30	01168286	24	ST	Ball knob	
37	04041957	24	ST	Protecting cap	
38	02046142	48	ST	Waisted stud	BIS MOTOR NR. AB MOTOR NR.POS.39
39	02048691	48	ST	Waisted stud	
43	04045770	7	ST	Main bearing	UP TO ENGINE SERIAL NO., STANDARD ..(A). MM RD, FOR UNDERSIZE SEE ITEM..(B) A=352/340 B=950-978
46	01167374	48	ST	O-seal	
950	04045771	1	ST	Main bearing	UP TO ENGINE SERIAL NO., 1ST UNDERSIZE .....MM 352/339
951	04045772	1	ST	Main bearing	2ND UNDERSIZE RD352/338
952	04045773	1	ST	Main bearing	3RD UNDERSIZE RD352/337
953	04045774	1	ST	Main bearing	4TH UNDERSIZE RD352/336
954	04045775	1	ST	Main bearing	5TH UNDERSIZE RD352/335
955	04045776	1	ST	Main bearing	UP TO ENGINE SERIAL NO., 1ST UNDERSIZE .....MM 353/340
956	04045777	1	ST	Main bearing	2ND UNDERSIZE RD353/339
957	04045778	1	ST	Main bearing	3RD UNDERSIZE RD353/338
958	04045779	1	ST	Main bearing	4TH UNDERSIZE RD353/337
959	04045780	1	ST	Main bearing	5TH UNDERSIZE RD353/336
960	04045781	1	ST	Main bearing	6TH UNDERSIZE RD353/335
961	04045782	1	ST	Main bearing	UP TO ENGINE SERIAL NO., 1ST UNDERSIZE .....MM 354/340
962	04045783	1	ST	Main bearing	2ND UNDERSIZE RD354/339
963	04045784	1	ST	Main bearing	3RD UNDERSIZE RD354/338
964	04045785	1	ST	Main bearing	4TH UNDERSIZE RD354/337
965	04045786	1	ST	Main bearing	5TH UNDERSIZE RD354/336
966	04045787	1	ST	Main bearing	6TH UNDERSIZE RD354/335
967	04045788	1	ST	Main bearing	UP TO ENGINE SERIAL NO., 1ST UNDERSIZE .....MM 355/340

**ETL no.: 05022041 Crankcase parts****Equipment:** 05967950**Constr. Group: 1****Engine type:** BV6M540

Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
968	04045789	1	ST	Main bearing	2ND UNDERSIZE RD355/339
969	04045790	1	ST	Main bearing	3RD UNDERSIZE RD355/338
970	04045791	1	ST	Main bearing	4TH UNDERSIZE RD355/337
971	04045792	1	ST	Main bearing	5TH UNDERSIZE RD355/336
972	04045793	1	ST	Main bearing	6TH UNDERSIZE RD355/335
973	04045794	1	ST	Main bearing	UP TO ENGINE SERIAL NO., 1ST UNDERSIZE .....MM 356/340
974	04045795	1	ST	Main bearing	2ND UNDERSIZE RD356/339
975	04045796	1	ST	Main bearing	3RD UNDERSIZE RD356/338
976	04045797	1	ST	Main bearing	4TH UNDERSIZE RD356/337
977	04045798	1	ST	Main bearing	5TH UNDERSIZE RD356/336
978	04045799	1	ST	Main bearing	6TH UNDERSIZE RD356/335

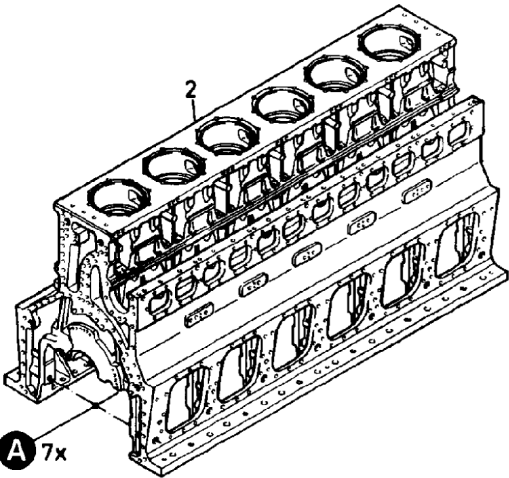
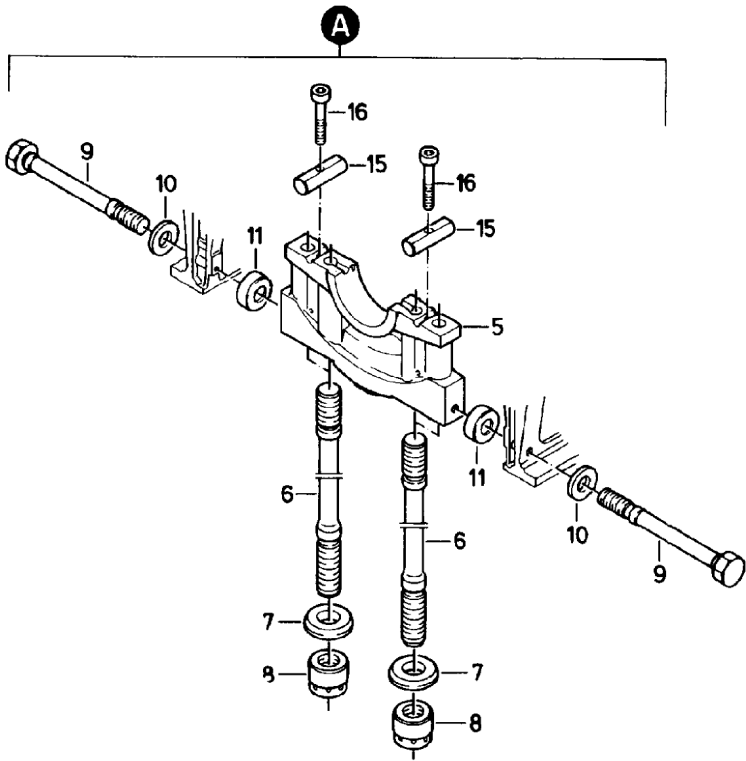


ETL no.: 05030726 Crankcase

Equipment: 05967950

Constr. Group: 1

Engine type: BV6M540



0503 0726

Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
2	02049961	1	ST	Crankcase	
5	02047245	7	ST	Main bearing cap	
6	02038478	28	ST	Waisted stud	
7	02000385	28	ST	Plain washer	
8	02000386	28	ST	Annular nut	
9	02000388	14	ST	Hexagon bolt	
10	01167063	14	ST	Plain washer	
11	02000389	14	ST	Plain washer	
15	02048526	14	ST	Dowel pin	
16	01126929	14	ST	Cheese head screw	

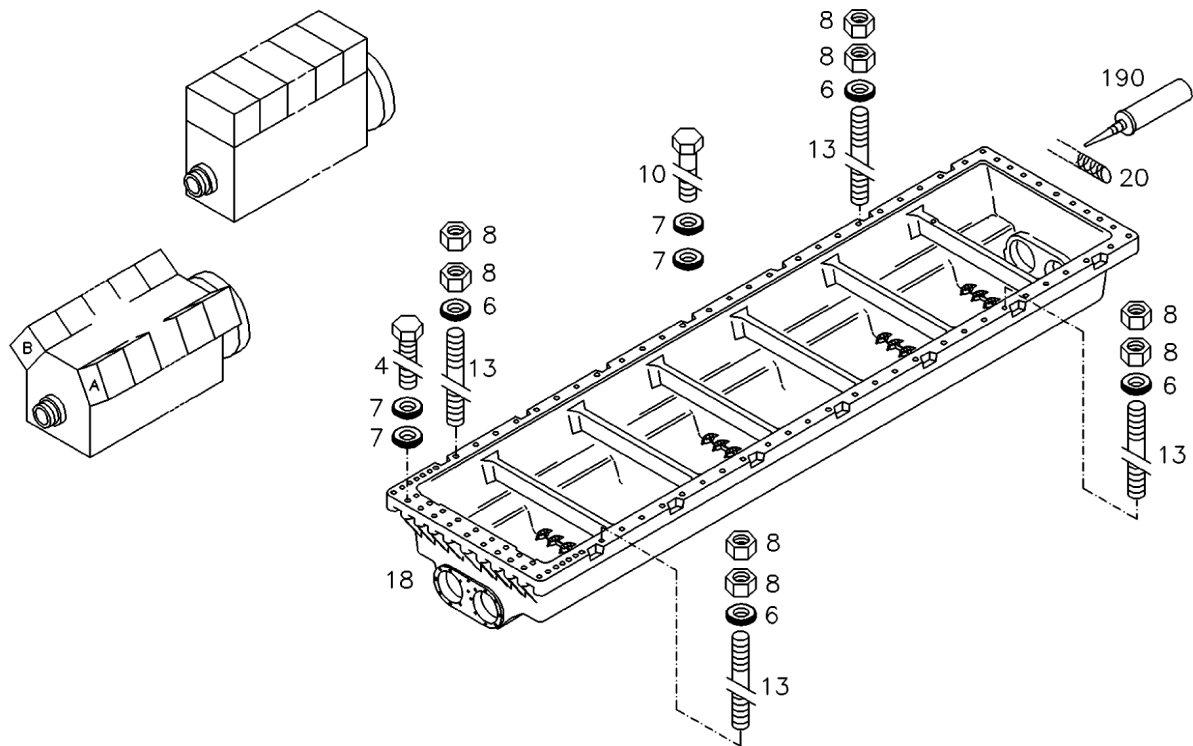


ETL no.: 05021993 Oil pan

Equipment: 05967950

Constr. Group: 2

Engine type: BV6M540



0502 1993

Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
4	01112636	32	ST	Hexagon bolt	
6	01167055	4	ST	Plain washer	
7	01169672	80	ST	Plain washer	
8	01154963	8	ST	Hexagon nut	
10	01151529	48	ST	Hexagon head bolt	
13	04046334	4	ST	Threaded rod	
18	02093600	1	ST	Oil pan	
20	01396832	1	M	Wick wool	YARD WARE, IN CASE OF ORDER PLEASE SPECIFY LENGTH. LENGTH HERE: 11,2 MTR
190	12151052	1	ST	Packing compound	

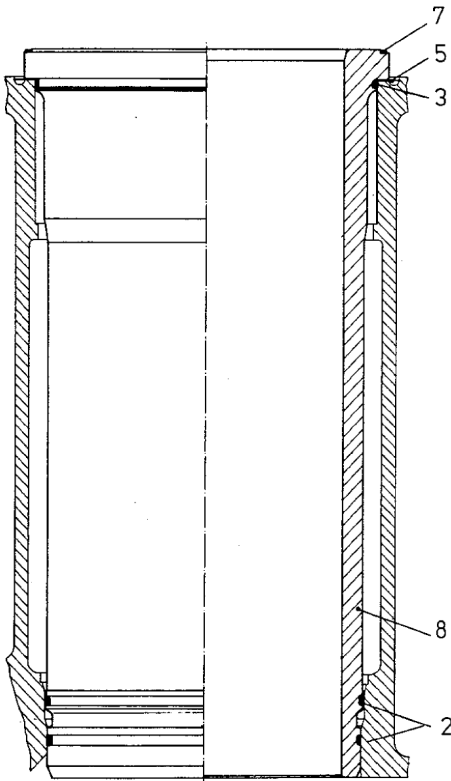


ETL no.: 05024462 Cylinder liner

Equipment: 05967950

Constr. Group: 4

Engine type: BV6M540



0502 4462					
Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
2	01176587	2	ST	O-seal	
3	01212719	1	ST	O-seal	
5	02038346	1	ST	Sealing ring	
7	02001062	1	ST	Sealing ring	
8	02043903	1	ST	Cylinder liner	5 FACH TEST BV,LR,NV,ABS,GL.

Technical Library

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