



Spare Parts Catalog

TBD16 604BV s/n 00007538168

Equipment information

Equipment: 00007538168
Type: TBD16 604BV
Output: 0001596,0 kW
Speed: 1500 1/min
Build date: 01.12.1987
KLU-Number:
ETL scope: EU203876
MVS: 213

VKU date: 01.12.1987

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

Equipment:	00007538168	Engine type:	TBD16 604BV
Output:	0001596,0 kW	Speed:	1500 1/min
ETL scope:	EU203876		

CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0508 1095	Disch./drain pipe	Disch./drain pipe
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 1427	Bracket	Bracket
1	0508 2939	Crankcase	Crankcase
2		Oil pan	
2	0508 1413	Dipstick	Dipstick
2	0508 2972	Oil pan	Oil pan
5		Crankshaft	
5	0508 0935	Flywheel	Flywheel
5	0508 2140	Stop ring	Stop ring
5	0508 2142	Main bearing	Main bearing
5	0508 2143	Crankshaft access.	Crankshaft access.
5	0508 2182	Flywheel flange	Flywheel flange
5	0508 2183	Flywheel	Flywheel
5	0508 2680	Crankshaft	Crankshaft
6		Connecting rod	
6	0508 1166	Connecting rod	Connecting rod
6	0508 1278	Big end bearing	Big end bearing
7		Piston	
7	0508 1279	Piston	Piston
8		Cylinder head	
8	0508 1177	Valve mechan.cover	Valve mechan.cover
8	0508 1406	Cylinder head	Cylinder head
8	0508 2179	Installation parts	Installation parts
8	0508 2181	Cool.water passage	Cool.water passage
8	0508 2243	Control	Control
8	0508 2914	Linkage	Linkage
9		Timing chest	
9	0508 1329	Blanking parts	Blanking parts
9	0508 1402	Axle	Axle
9	0508 1444	Idler gear	Idler gear
9	0508 1778	Drive shaft	Drive shaft
9	0508 1875	Idler gear	Idler gear
9	0508 3402	Idler gear	Idler gear
10		Camshaft	
10	0508 2131	Camshaft drive	Camshaft drive
10	0508 2138	Camshaft	Camshaft
11		Timing gears	
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 2397	Valve bridge	Valve bridge
14		Lube oil pump	
14	0506 1786	Semi-rotary pump	Semi-rotary pump
14	0508 2121	Installation parts	Installation parts
14	0508 2353	Lube pump	Lube pump
14	0508 2880	Lube pump	Lube pump

Equipment:	00007538168	Engine type:	TBD16 604BV
Output:	0001596,0 kW	Speed:	1500 1/min
ETL scope:	EU203876		

CG	ETL-No.	Designation (en)	Designation (en)
14	0508 3245	Lubricat. oil pump	Lubricat. oil pump
15		Lube oil/-cooler	
15	0508 1417	Lubric. oil filter	Lubric. oil filter
16		Oil pipes	
16	0508 1105	Oil press.reg.valv	Oil press.reg.valv
16	0508 1412	Lubricat. oil line	Lubricat. oil line
16	0508 1416	Piston cooling	Piston cooling
16	0508 1418	Lubricat. oil line	Lubricat. oil line
16	0508 2547	Oil line	Oil line
16	0508 2915	Oil suction line	Oil suction line
16	0508 3264	Oil line	Oil line
16	0508 3324	Oil line	Oil line
17		Injection pump	
17	0508 2218	Fastenings	Fastenings
17	0508 2554	Fuel inject. pump	Fuel inject. pump
17	0508 2555	Fuel inject. pump	Fuel inject. pump
17	0508 2715	Indicator	Indicator
18		Injection pump drive	
18	0508 1126	Multidisc clutch	Multidisc clutch
18	0508 1315	Bearing housing	Bearing housing
18	0508 1586	Drive gear	Drive gear
19		Injector	
19	0508 1860	Fuel injector	Fuel injector
19	0508 2165	Clamping yoke	Clamping yoke
19	0508 2166	Installation parts	Installation parts
20		Fuel filter	
20	0506 1608	Fuel duplex filter	Fuel duplex filter
20	0508 1866	Bracket	Bracket
20	0508 1867	Fuel duplex filter	Fuel duplex filter
20	0508 3246	Fuel pump	Fuel pump
21		Fuel pipes/fuel tank	
21	0503 8405	Fuel tank	Fuel tank
21	0508 2104	Hose assembly	Hose assembly
21	0508 2952	High pressure pipe	High pressure pipe
21	0508 3266	Fuel line	Fuel line
22		Suction pipe/air cleaner	
22	0508 0513	Filter	Filter
29		Control linkage	
29	0508 1441	Control linkage	Control linkage
29	0508 2258	Speed adjustment	Speed adjustment
29	0508 2259	Adjuster	Adjuster
29	0508 2260	Microswitch	Microswitch
29	0508 2261	Slipping clutch	Slipping clutch
29	0508 2262	Electric motor	Electric motor
29	0508 2263	Bracket	Bracket
29	0508 2283	Cover	Cover
30		Airstarting control	
30	0508 1358	Air distributor	Air distributor
30	0508 2365	Solenoid valve	Solenoid valve
30	0508 3025	Accessories	Accessories

Equipment:	00007538168	Engine type:	TBD16 604BV
Output:	0001596,0 kW	Speed:	1500 1/min
ETL scope:	EU203876		

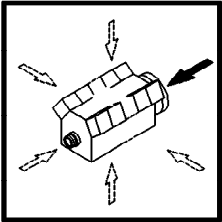
CG	ETL-No.	Designation (en)	Designation (en)
32		Starting system	
32	0508 1359	Pneumatic line	Pneumatic line
34		Vibration damper	
34	0508 2923	Vibration damper	Vibration damper
34	0508 2934	Fastenings	Fastenings
36		Water cooler	
36	0508 1896	Thermostat	Thermostat
36	0508 2249	Bracket	Bracket
37		Cooling water pump	
37	0508 1443	Centrifugal pump	Centrifugal pump
37	0508 1461	Elbow connector	Elbow connector
38		Water pipes	
38	0508 0789	Cooling water line	Cooling water line
38	0508 2420	Bracket	Bracket
38	0508 2544	Cooling water line	Cooling water line
38	0508 3340	Cover	Cover
41		Exhaust manifold	
41	0508 3082	Exhaust pipe	Exhaust pipe
41	0508 3083	Exhaust pipe	Exhaust pipe
41	0508 3244	Exhaust manifold	Exhaust manifold
43		Turbocharger	
43	0508 1922	Compensator	Compensator
43	0508 3311	Turbocharger	Turbocharger
46		Engine mounting, rigid	
46	0508 2116	Claw	Claw
48		Electrical accessories	
48	0508 2103	Thermal release	Thermal release
48	0508 2204	Thermal release	Thermal release
48	0508 2247	Rectifier	Rectifier
48	0508 2248	Reversing relay	Reversing relay
48	0508 2545	Bracket	Bracket
48	0508 3032	Connector	Connector
48	0508 3315	Bracket	Bracket
48	0508 3392	Autom.top-up devic	Autom.top-up devic
48	0508 3555	Cable plug socket	Cable plug socket
49		Tools	
49	0508 2770	Toolkit	Toolkit
49	0508 2774	Toolkit	Toolkit
49	0508 2776	Toolkit	Toolkit
51		Measuring instruments	
51	0508 1939		
51	0508 1961	Tachoconnector	Tachoconnector
51	0508 1970	Thermometer	Thermometer
51	0508 1972	Pressure gauge	Pressure gauge
51	0508 1973	Pressure gauge	Pressure gauge
51	0508 2267	Sensor	Sensor
51	0508 2546	Terminal box	Terminal box
51	0508 3249	Thermometer	Thermometer
56		Engine shutdown	
56	0508 1248	Limit stop	Limit stop

Equipment:	00007538168	Engine type:	TBD16 604BV
Output:	0001596,0 kW	Speed:	1500 1/min
ETL scope:	EU203876		

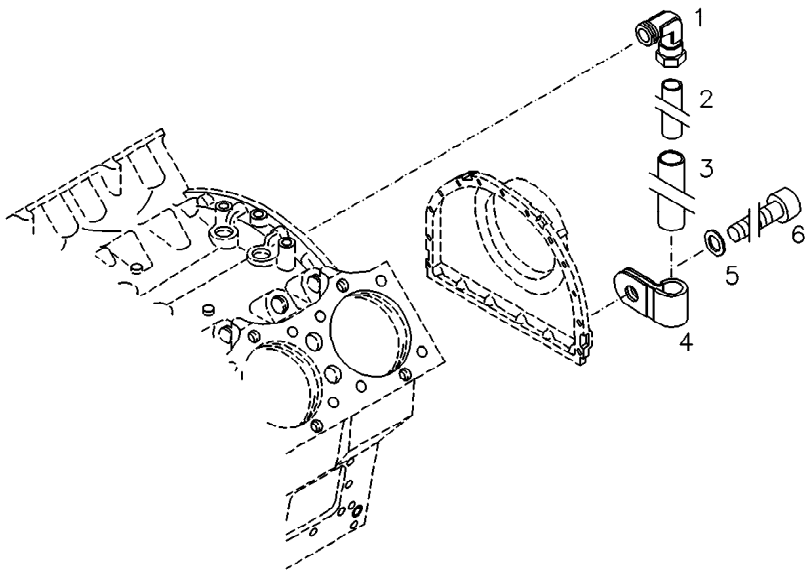
CG	ETL-No.	Designation (en)	Designation (en)
56	0508 1249	Magnet/solenoid	Magnet/solenoid
57		V-belt guard	
57	0508 3007	Fastenings	Fastenings
57	0508 3081	Flywheel guard	Flywheel guard
58		Intercooler	
58	0508 2324	Radiator bracket	Radiator bracket
58	0508 2325	Radiator bracket	Radiator bracket
58	0508 2921	Charge air cooler	Charge air cooler
58	0508 2924	Bracket	Bracket
58	0508 3247	Cover	Cover
58	0508 3248	Cover	Cover
63		Starting aid	
63	0508 2516	Heater connection	Heater connection
63	0508 2517	Heater connection	Heater connection
87		Charge air pipe	
87	0508 1354	Intake manifold	Intake manifold
87	0508 2251	Bush	Bush
87	0508 2252	Cover	Cover
87	0508 2281	Bracket	Bracket
87	0508 2282	Bush	Bush
87	0508 2418	Air guidance	Air guidance
87	0508 2948	Air guidance	Air guidance
87	0508 2949	Air guidance	Air guidance
87	0508 2950	Air guidance	Air guidance
87	0508 2951	Air guidance	Air guidance
87	0508 3302	Cover	Cover
87	0508 3305	Air guidance	Air guidance
90		Set of parts	
90	0507 0283	Cool.syst.protect.	Cool.syst.protect.

ETL no.: 0508 1095 Disch./drain pipe Constr. Group: 01

Equipment:	00007538168	Engine type:	TBD16 604BV
Output:	0001596,0 kW	Speed:	1500 1/min
ETL scope:	EU203876		



002 ©

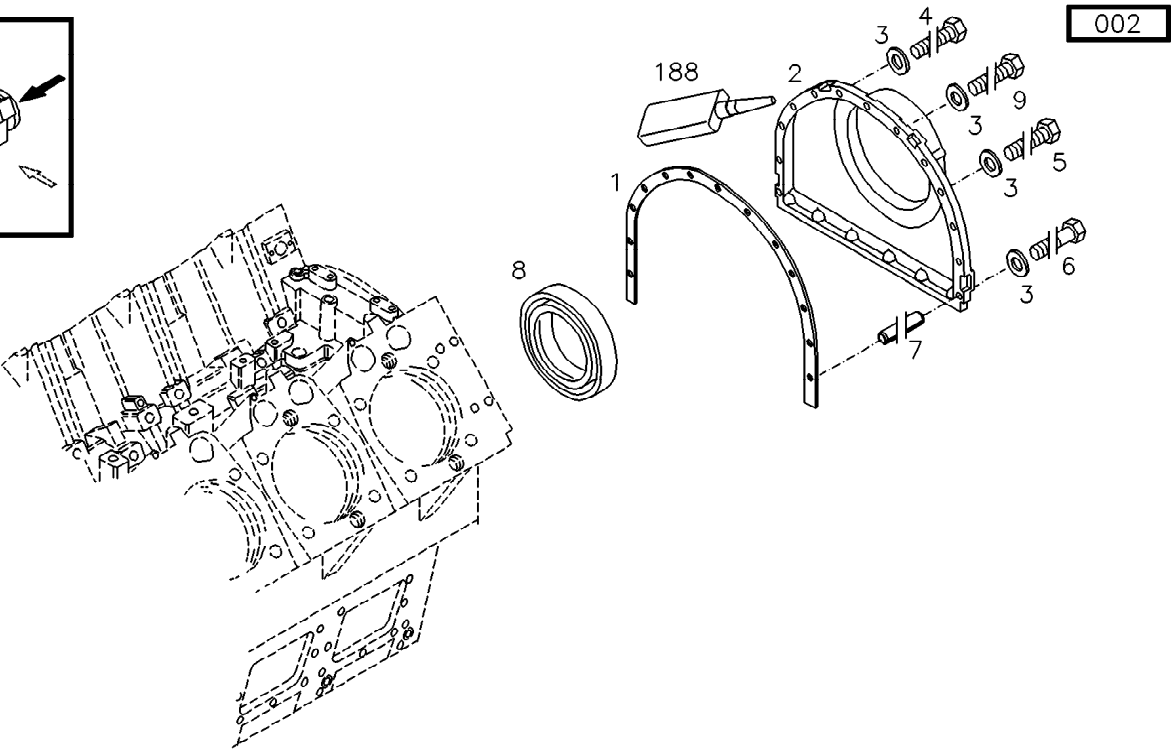
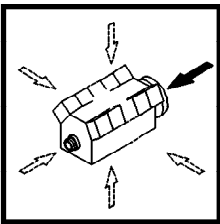


0508 1095

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	01116177				1	ST		Threaded joint	Threaded joint	
2	12031502				1	ST		Tube	Tube	
3	12028133				1	ST		Hose	Hose	
4	01174437				2	ST		Pipe clamp	Pipe clamp	
5	01172303	20	20		2	ST		Plain washer	Plain washer	
6	01110578				2	ST		Cheese head screw	Cheese head screw	

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

Equipment:	00007538168	Engine type:	TBD16 604BV
Output:	0001596,0 kW	Speed:	1500 1/min
ETL scope:	EU203876		



0508 1393

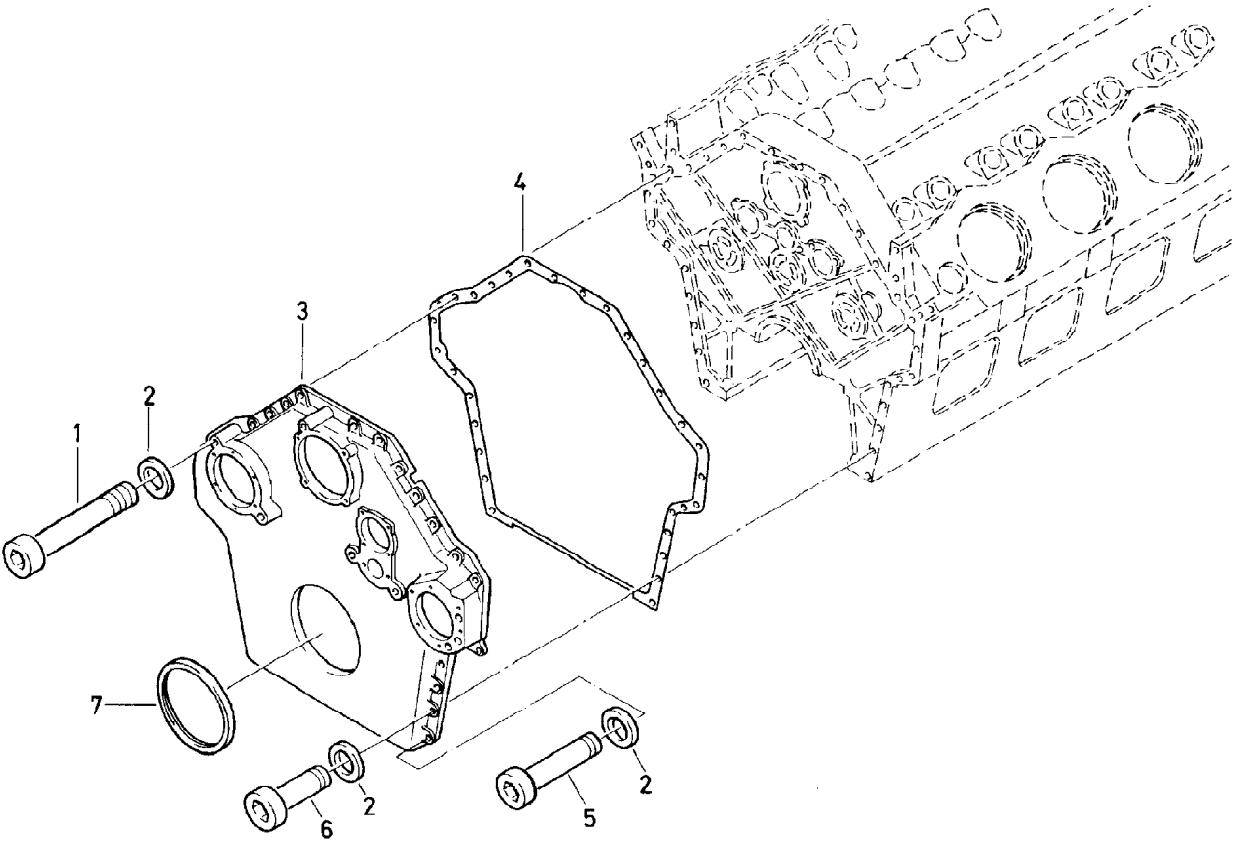
Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	12028085				1	ST		Gasket	Gasket	
2	12027708				1	ST		Crankc. end cover	Crankc. end cover	
3	01151019	90	90	12		ST		Plain washer	Plain washer	
4	01137083	20	20	3		ST		Hexagon bolt	Hexagon bolt	
5	01112333	20	20	6		ST		Hexagon 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	

ETL no.: 0508 1394 Gear-box cover

Constr. Group: 01

Equipment: 00007538168
Output: 0001596,0 kW
ETL scope: EU203876

Engine type: TBD16 604BV
Speed: 1500 1/min



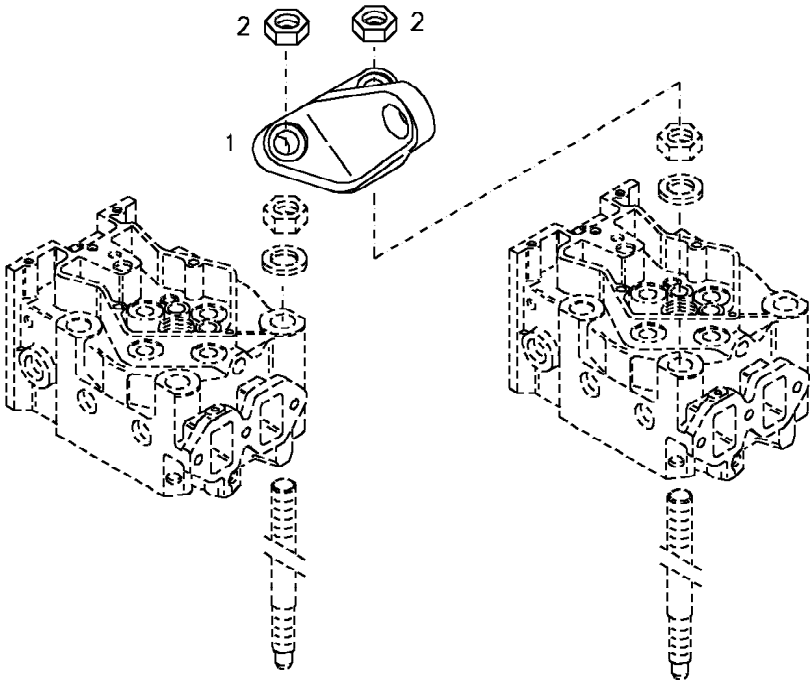
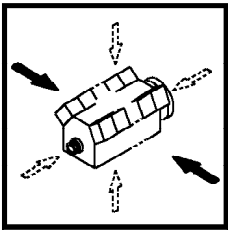
0508 1394

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	01151508				5	ST		Cheese head screw	Cheese head screw	
2	01151187	20	20	30	ST			Plain washer	Plain washer	
3	12031065				1	ST		Crankc. end cover	Crankc. end cover	
4	12031069				1	ST		Gasket	Gasket	
5	01110590	20	20	2	ST			Cheese head screw	Cheese head screw	
6	01110571	20	20	23	ST			Cheese head screw	Cheese head screw	
7	12031068				1	ST		Rot.shaft lip seal	Rot.shaft lip seal	

ETL no.: 0508 1398 Engine mounting Constr. Group: 01

Equipment:	00007538168	Engine type:	TBD16 604BV
Output:	0001596,0 kW	Speed:	1500 1/min
ETL scope:	EU203876		

003 ©



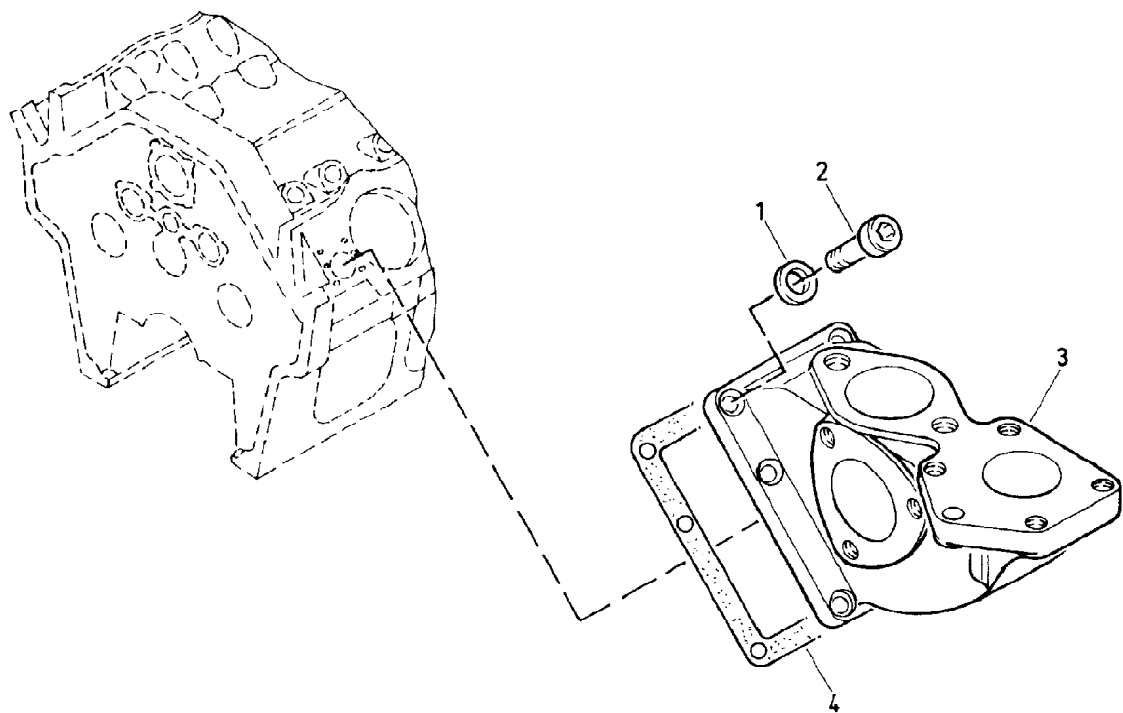
Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	12047245			1	ST		Engine mounting	Engine mounting	
2	01113200			2	ST		Hexagon nut	Hexagon nut	

ETL no.: 0508 1427 Bracket

Constr. Group: 01

Equipment: 00007538168
Output: 0001596,0 kW
ETL scope: EU203876

Engine type: TBD16 604BV
Speed: 1500 1/min



0508 1427

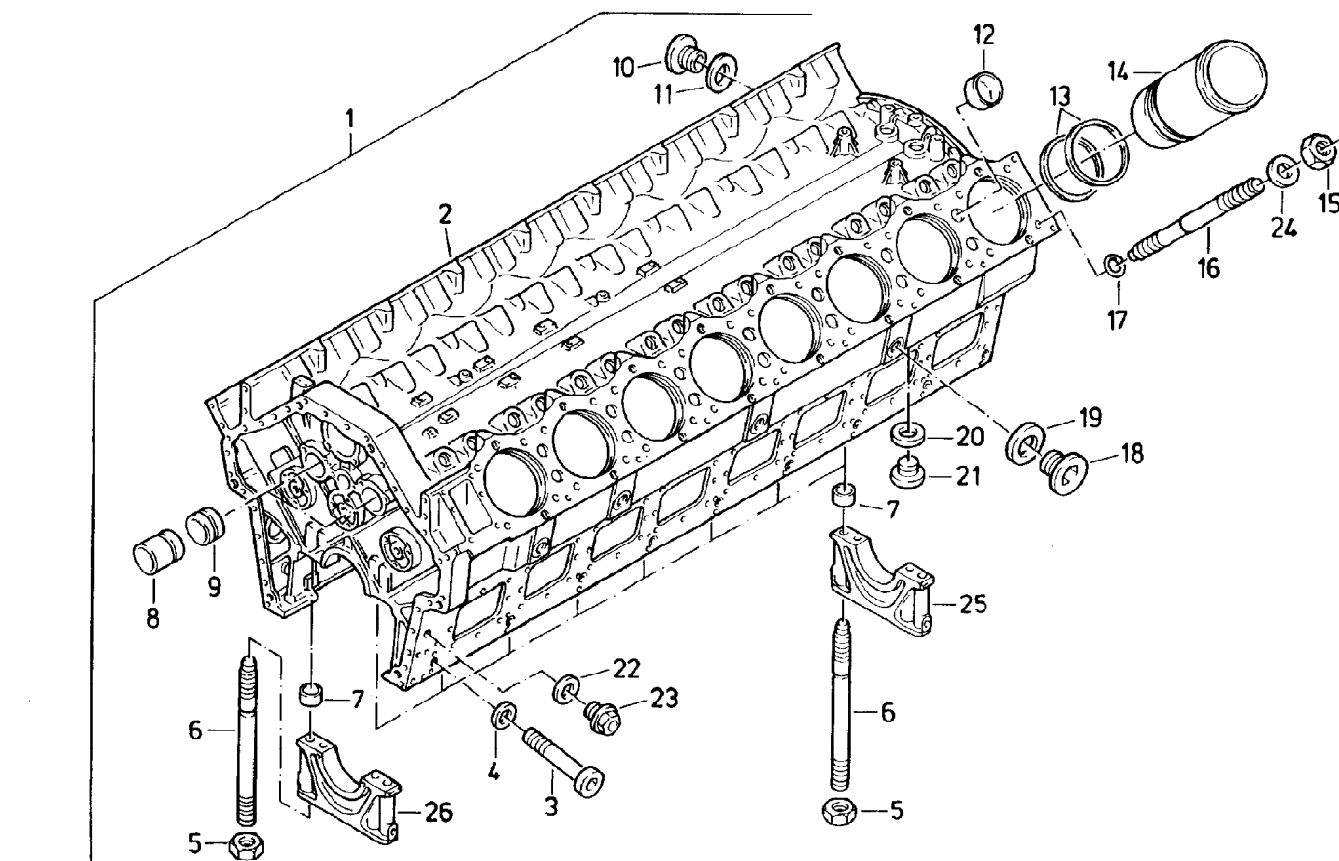
Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	01151019		90	90	6	ST		Plain washer	Plain washer	
2	01110571		20	20	6	ST		Cheese head screw	Cheese head screw	
3	12031049				1	ST		Bracket	Bracket	
4	12031051				2	ST		Gasket	Gasket	
5	12135015				1	ST		Oil deflector	Oil deflector	

ETL no.: 0508 2939 Crankcase

Constr. Group: 01

Equipment: 00007538168
Output: 0001596,0 kW
ETL scope: EU203876

Engine type: TBD16 604BV
Speed: 1500 1/min



0508 2939

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	12087550		90	90	1	ST		Engine block	Engine block	
2	12087548				1	ST		Engine block	Engine block	
3	01151474				18	ST		Cheese head screw	Cheese head screw	
4	01176707				18	ST		Plain washer	Plain washer	
5	01176614				36	ST		Hexagon nut	Hexagon nut	
6	12027039				36	ST		Stud	Stud	
7	01176666				18	ST		Straight pin	Straight pin	
8	12136236		90	90	2	ST		Bearing bush	Bearing bush	
9	12027574				16	ST		Bearing bush	Bearing bush	
10	01110423				4	ST		Screw plug	Screw plug	
11	01118693				6	ST		Sealing ring	Sealing ring	
12	01151199				28	ST		Cover	Cover	
13	12027235		10	10	32	ST		O-ring	O-ring	
14	12027236		90	90	16	ST		Cylinder liner	Cylinder liner	
15	01176614				4	ST		Hexagon nut	Hexagon nut	
16	12133505		90	90	4	ST		Waisted stud	Waisted stud	
17	12027225				4	ST		O-ring	O-ring	
18	01176771				7	ST		Screw plug	Screw plug	
19	01151322				7	ST		Sealing ring	Sealing ring	
20	01118718				2	ST		Sealing ring	Sealing ring	
21	01151441				2	ST		Screw plug	Screw plug	
22	01118760				1	ST		Sealing ring	Sealing ring	
23	01110442				1	ST		Screw plug	Screw plug	