

Equipment information

Equipment: 00005862253
Type: BA 8M 816
Output: 0000000,0 kW
Speed: 0000 1/min
Build date: 01.12.1980
KLU-Number:
ETL scope: EU171994
MVS: 161

VKU date: 01.12.1980

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:	00005862253	Engine type:	BA 8M 816
Output:	0000000,0 kW	Speed:	0000 1/min
ETL scope:	EU171994		

CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0501 8857	Crankcase	Crankcase
1	0501 8858	Cover	Cover
1	0501 8859	Front cover	Front cover
1	0501 8860	Rear end cover	Rear end cover
1	0501 9317	Oil filler neck	Oil filler neck
1	0506 5080	Rear end cover	Rear end cover
1	0506 6038	Breather	Breather
2		Oil pan	
2	0501 8531	Oil pan	Oil pan
2	0501 8876	Additional tank	Additional tank
2	0506 5081	Dipstick	Dipstick
5		Crankshaft	
5	0501 8684	Flywheel	Flywheel
5	0501 8869	Vibration damper	Vibration damper
5	0506 0131	Crankshaft	Crankshaft
6		Connecting rod	
6	0501 8856	Connecting rod	Connecting rod
7		Piston	
7	0501 8940	Piston	Piston
8		Cylinder head	
8	0501 8423	Cylinder head	Cylinder head
8	0501 8883	Fastenings	Fastenings
10		Camshaft	
10	0501 8703	Tacho drive	Tacho drive
10	0503 1326	Gear train	Gear train
11		Timing gears	
11	0501 8415	Valve drive	Valve drive
14		Lube oil pump	
14	0501 8457	Valve seat lubric.	Valve seat lubric.
14	0501 8613	Lubricat. oil pump	Lubricat. oil pump
14	0506 5097	Valve seat lubric.	Valve seat lubric.
15		Lube oil/-cooler	
15	0501 8539	Oil cooler	Oil cooler
15	0501 8855	Centrifug.mounting	Centrifug.mounting
15	0501 8887	Lubric. oil filter	Lubric. oil filter
16		Oil pipes	
16	0501 8526	Lubricat. oil line	Lubricat. oil line
16	0501 8535	Lubricat. oil line	Lubricat. oil line
16	0501 8850	Pump assy	Pump assy
16	0501 8889	Lubricat. oil line	Lubricat. oil line
16	0501 9324	Piston cooling	Piston cooling
17		Injection pump	
17	0501 8523	Clutch/coupling	Clutch/coupling
17	0501 8927	Fuel inject. pump	Fuel inject. pump
17	0502 7066	Parts of fuel pump	Parts of fuel pump
17	0502 9071	Parts inject.pump	Parts inject.pump
17	0502 9418	Parts of governor	Parts of governor
18		Injection pump drive	

Equipment:	00005862253	Engine type:	BA 8M 816
Output:	0000000,0 kW	Speed:	0000 1/min
ETL scope:	EU171994		

CG	ETL-No.	Designation (en)	Designation (en)
18	0503 1872	Inject. pump drive	Inject. pump drive
19		Injector	
19	0501 9356	Fuel injector	Fuel injector
19	0502 9151	Parts of injector	Parts of injector
20		Fuel filter	
20	0501 3045	Solder.nipple	Solder.nipple
20	0503 1947	Fuel filter assy	Fuel filter assy
21		Fuel pipes/fuel tank	
21	0501 8492	Hose assembly	Hose assembly
21	0501 8493	Accessories	Accessories
21	0501 8586	Hose assembly	Hose assembly
21	0501 8812	High pressure pipe	High pressure pipe
21	0501 8926	Leak off line	Leak off line
21	0503 1680	Fuel line	Fuel line
22		Suction pipe/air cleaner	
22	0501 8897	Charge air pipe	Charge air pipe
22	0501 8899	Wet air cleaner	Wet air cleaner
26		Heater plug installation	
26	0501 8841	Heater system	Heater system
29		Control linkage	
29	0501 8721	Control unit	Control unit
29	0503 1359	Accessories	Accessories
29	0503 1360	Accessories	Accessories
30		Airstarting control	
30	0501 8500	Fastenings	Fastenings
30	0501 8811	Blow off valve	Blow off valve
30	0503 8845	Air distributor	Air distributor
30	0503 8848	Fastenings	Fastenings
32		Starting system	
32	0503 8847	Pneumatic line	Pneumatic line
34		Vibration damper	
34	0503 1361	Cover	Cover
36		Water cooler	
36	0506 1198	Filler cap	Filler cap
37		Cooling water pump	
37	0501 8861	V-grooved pulley	V-grooved pulley
37	0501 8867	Fastenings	Fastenings
37	0501 9408	Cooling water pump	Cooling water pump
37	0503 1322	Drain line	Drain line
37	0503 1344	Belt tensioner	Belt tensioner
38		Water pipes	
38	0501 8916	Cooling water line	Cooling water line
38	0501 8921	Water thermostat	Water thermostat
38	0503 1684	Cooling water line	Cooling water line
38	0503 1980	Cooling water line	Cooling water line
38	0506 2549	Breather	Breather
38	0506 5085	Water thermostat	Water thermostat
38	0506 5433	Cooling water line	Cooling water line
39		Cooling air blower	

Equipment:	00005862253	Engine type:	BA 8M 816
Output:	0000000,0 kW	Speed:	0000 1/min
ETL scope:	EU171994		

CG	ETL-No.	Designation (en)	Designation (en)
39	0503 1675	Set narrow v-belts	Set narrow v-belts
39	0506 1125	Set narrow v-belts	Set narrow v-belts
41		Exhaust manifold	
41	0501 8717	Exhaust pipe	Exhaust pipe
41	0501 8731	Exhaust pipe	Exhaust pipe
41	0501 8743	Accessories	Accessories
41	0501 8785	Corrugated tube	Corrugated tube
41	0503 1389	Exhaust manifold	Exhaust manifold
41	0503 1604	Cooling air baffle	Cooling air baffle
41	0506 5223	Accessories	Accessories
43		Turbocharger	
43	0503 1518	Turbocharger	Turbocharger
43	0503 8926	Accessories	Accessories
46		Engine mounting, rigid	
46	0501 8907	Engine mounting	Engine mounting
46	0501 9388	Eyelet bolt	Eyelet bolt
48		Electrical accessories	
48	0501 8758	Incandescent lamp	Incandescent lamp
48	0501 8771	Tacho switch	Tacho switch
48	0501 8772	Tacho switch	Tacho switch
48	0501 8809	Heater system	Heater system
48	0501 8822	Mating part	Mating part
48	0501 8950	Pushbutton	Pushbutton
48	0501 8951	Pushbutton	Pushbutton
48	0501 9300	Cable gland	Cable gland
48	0503 1677	Incandescent lamp	Incandescent lamp
48	0503 1877	Hose assembly	Hose assembly
48	0503 1887	Flow switch	Flow switch
48	0503 1890	Relay	Relay
48	0503 1894	Incandescent lamp	Incandescent lamp
48	0506 1186	Cabling	Cabling
48	0506 5430	Cabling	Cabling
48	0506 6082	Cabling	Cabling
48	0506 6117	Cabling	Cabling
49		Tools	
49	0501 8702	Turn-over gear	Turn-over gear
51		Measuring instruments	
51	0501 8477	Thermometer	Thermometer
51	0501 8478	Thermometer	Thermometer
51	0501 8491	Accessories	Accessories
51	0501 8773	Pressure gauge	Pressure gauge
51	0501 8779	Pressure gauge	Pressure gauge
51	0501 8924	Tacho generat.assy	Tacho generat.assy
51	0501 8925	Tacho generat.assy	Tacho generat.assy
51	0501 9379	Pressure gauge	Pressure gauge
51	0506 1173	Pushbutton	Pushbutton
52		Clutch	
52	0503 1689	Driving parts	Driving parts
52	0503 1937	Rubber bead coupl.	Rubber bead coupl.
52	0503 1958	Spacer ring	Spacer ring
52	0503 8830	Clutch assembly	Clutch assembly

Equipment: 00005862253
Output: 0000000,0 kW
ETL scope: EU171994

Engine type: BA 8M 816
Speed: 0000 1/min

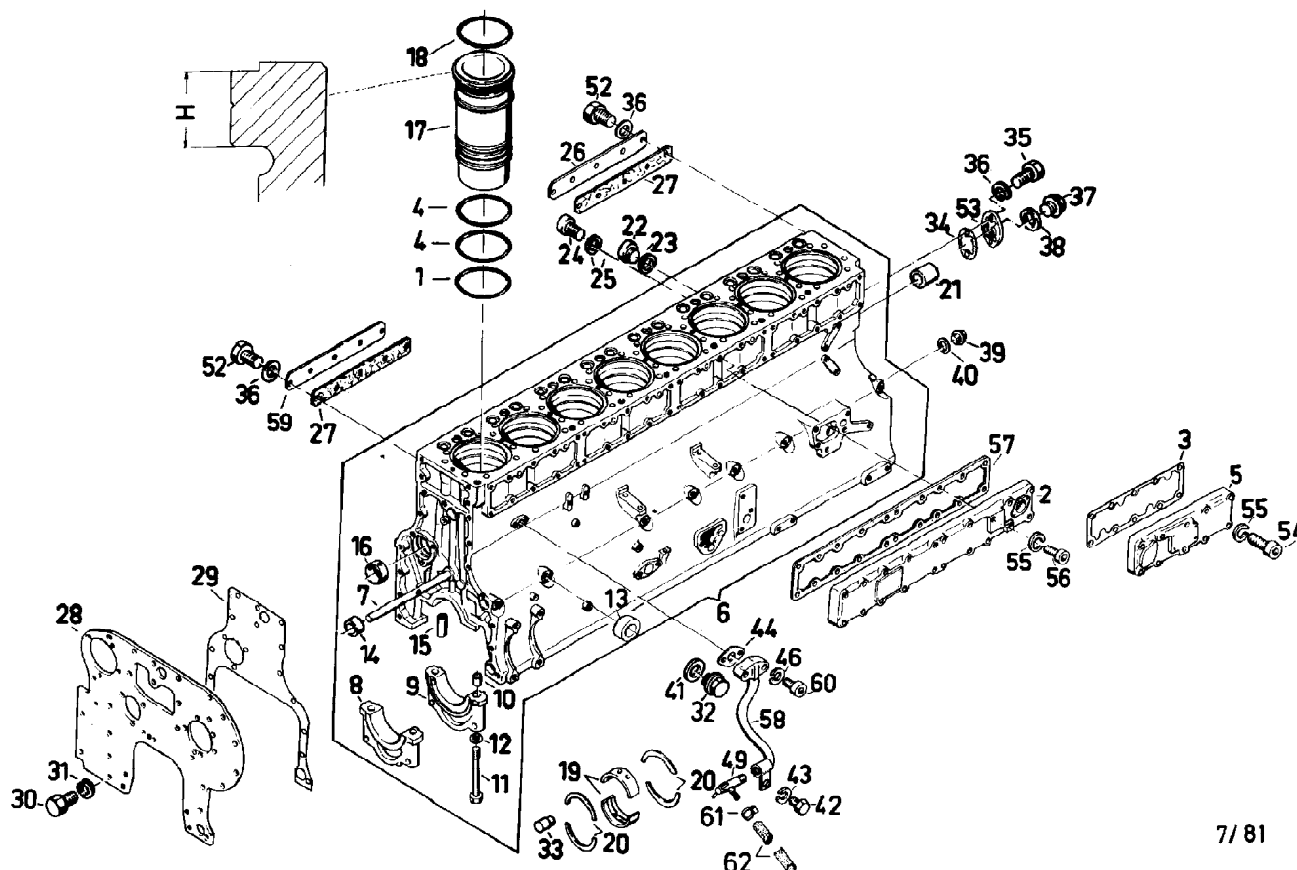
CG	ETL-No.	Designation (en)	Designation (en)
56		Engine shutdown	
56	0501 8810	Solenoid valv	Solenoid valv
56	0502 9131	Parts soleno.valve	Parts soleno.valve
56	0502 9149	Solenoid	Solenoid
56	0503 1616	Stopping equipment	Stopping equipment
57		V-belt guard	
57	0503 1940	V-belt guard	V-belt guard
57	0506 5377	Protection hood	Protection hood
58		Intercooler	
58	0501 8615	Charge air cooler	Charge air cooler
58	0501 9391	Cooler assembly	Cooler assembly
58	0506 0065	Charge air cooler	Charge air cooler
58	0506 1025	Charge air cooler	Charge air cooler
58	0506 1188	Drain valve	Drain valve
58	0506 5209	Charge air cooler	Charge air cooler
63		Starting aid	
63	0503 1544	Cool.water preheat	Cool.water preheat
90		Set of parts	
90	0502 9852	Gasket set	Gasket set
90	0502 9854	Gasket set	Gasket set
90	0502 9863	Gasket set	Gasket set
90	0502 9867	Gasket set	Gasket set

ETL no.: 0501 8857 Crankcase

Constr. Group: 01

Equipment: 00005862253
Output: 0000000,0 kW
ETL scope: EU171994

Engine type: BA 8M 816
Speed: 0000 1/min



7/ 81

0501 8857

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	01162684				8	ST		O-seal	O-seal	
2	04007547		20	20	1	ST		Cover	Cover	
3	02157801				4	ST		Gasket	Gasket	
4	01212716				16	ST		O-seal	O-seal	
5	04006233				2	ST		Cover	Cover	
6	04009714		10		1	ST		Crankcase	Crankcase	
7	02156642				1	ST		Oil pipe	Oil pipe	
8	03373126				8	ST		Bearing cap	Bearing cap	
9	03373128				1	ST		Bearing cap	Bearing cap	F.PASSLAGER
10	03373086				18	ST		Dowel bush	Dowel bush	
11	01166940				18	ST		Hexagon bolt	Hexagon bolt	
12	01216105				18	ST		Plain washer	Plain washer	
13	03371220				8	ST		Proportioning plug	Proportioning plug	
14	01165831				1	ST		Core hole plug	Core hole plug	
15	04005025				16	ST		Bush	Bush	
16	04016171				8	ST		Bearing bush	Bearing bush	
17	04001561				8	ST		Cylinder liner	Cylinder liner	NORMAL H=12,1MM (0,4763 79IN) REP.STUFE POS.961
18	01178454				8	ST		O-seal	O-seal	
19	04001142				9	ST		Main bearing	Main bearing	NORMAL 119,00MMRD.(4.68 50IN.) REP.STUFEN(POS.950-955)

ETL no.: 0501 8857 Crankcase

Constr. Group: 01

Equipment: 00005862253
Output: 0000000,0 kW
ETL scope: EU171994

Engine type: BA 8M 816
Speed: 0000 1/min

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
20	04002998				2	ST		Stop ring	Stop ring	NORMAL 2,985MM(0,1175IN.) REP.STUFEN(POS.956-958)
21	01115464				2	ST		Straight pin	Straight pin	
22	01215083				1	ST		Screw plug	Screw plug	
23	01118688				1	ST		Sealing ring	Sealing ring	
24	01102193				1	ST		Cheese head screw	Cheese head screw	
25	01118647				1	ST		Sealing ring	Sealing ring	
26	02156517				3	ST		Cover	Cover	
27	02156518				4	ST		Gasket	Gasket	
28	02154085				1	ST		Plate	Plate	
29	03373075				1	ST		Gasket	Gasket	
30	01112412	20	20		5	ST		Hexagon bolt	Hexagon bolt	
31	01102800				5	ST		Lock washer	Lock washer	
32	01118965				7	ST		Screw plug	Screw plug	
33	03362280				2	ST		Locating pin	Locating pin	
34	04006119				1	ST		Gasket	Gasket	
35	01112326	20	20		2	ST		Hexagon bolt	Hexagon bolt	
36	01102799				22	ST		Lock washer	Lock washer	
37	01118980	20	20		1	ST		Screw plug	Screw plug	
38	01118737				1	ST		Sealing ring	Sealing ring	
39	01118989				1	ST		Screw plug	Screw plug	
40	01118784				1	ST		Sealing ring	Sealing ring	
41	01118707				7	ST		Sealing ring	Sealing ring	
42	01112299	20	20		1	ST		Hexagon bolt	Hexagon bolt	
43	01102799				1	ST		Lock washer	Lock washer	
44	03308287				1	ST		Gasket	Gasket	
46	01119611				2	ST		Lock washer	Lock washer	
49	01120689	20	20		1	ST		Drain valve	Drain valve	
52	01112307				20	ST		Hexagon bolt	Hexagon bolt	
53	04002352				1	ST		Cover	Cover	
54	01110561	20	20		24	ST		Cheese head screw	Cheese head screw	
55	01119611				40	ST		Lock washer	Lock washer	
56	01110579				16	ST		Cheese head screw	Cheese head screw	
57	04004217				1	ST		Gasket	Gasket	
58	02150427				1	ST		Drain line	Drain line	
59	04006522				1	ST		Cover	Cover	
60	01126918	20	20		2	ST		Cheese head screw	Cheese head screw	
61	01166356				1	ST		Hose clip	Hose clip	
62	01170849				1	ST		Hose	Hose	
950	04002982				9	SA		Main bearing	Main bearing	1.REPARATURSTUFE 118,75MMRD.(4.6752IN.)
951	04002983				9	SA		Main bearing	Main bearing	2.REPARATURSTUFE 118,50MMRD.(4.6653IN.)
952	04002984				9	SA		Main bearing	Main bearing	3.REPARATURSTUFE 118,25MMRD.(4.6555IN.)
953	04002986				9	SA		Main bearing	Main bearing	4.REPARATURSTUFE 118,00MMRD.(4.6457IN.)
954	04002987				9	SA		Main bearing	Main bearing	5.REPARATURSTUFE 117,75MMRD.(4.6358IN.)
955	04002988				9	SA		Main bearing	Main bearing	6.REPARATURSTUFE 117,50MMRD.(4.6259IN.)
956	04002999		50		2	SA		Stop ring	Stop ring	1.REPARATURSTUFE 3,135MM(0,1234IN.)
957	04003000				2	SA		Stop ring	Stop ring	2.REPARATURSTUFE 3,285MM(0,1293IN.)
958	04003001				2	ST		Stop ring	Stop ring	3.REPARATURSTUFE

ETL no.: 0501 8857 Crankcase

Constr. Group: 01

Equipment:	00005862253	Engine type:	BA 8M 816
Output:	0000000,0 kW	Speed:	0000 1/min
ETL scope:	EU171994		

Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
961	04009718			1	ST		Cylinder liner	Cylinder liner	3,435MM(0,1352IN.) REPARATURSTUFE H=13,1 MM (3.515749 IN)