

Equipment information

Equipment: 00006840756
Type: BA 6M 816
Output: 0000000,0 kW
Speed: 0000 1/min
Build date: 01.11.1982
KLU-Number:
ETL scope: EU217225
MVS: 211

VKU date: 01.11.1982

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:	00006840756	Engine type:	BA 6M 816
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ETL scope:	EU217225		

CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0501 8858	Cover	Cover
1	0501 8859	Front cover	Front cover
1	0501 8860	Rear end cover	Rear end cover
1	0501 8918	Crankcase	Crankcase
1	0501 9317	Oil filler neck	Oil filler neck
1	0501 9320	Breather line	Breather line
1	0503 1546	Cover	Cover
2		Oil pan	
2	0501 8420	Oil pan	Oil pan
2	0503 1372	Dipstick	Dipstick
5		Crankshaft	
5	0503 1386	Crankshaft	Crankshaft
5	0503 1387	Spacer ring	Spacer ring
5	0503 1952	Flywheel	Flywheel
6		Connecting rod	
6	0501 8856	Connecting rod	Connecting rod
7		Piston	
7	0503 1951	Piston	Piston
8		Cylinder head	
8	0501 8884	Fastenings	Fastenings
8	0503 8899	Cylinder head	Cylinder head
10		Camshaft	
10	0501 9329	Camshaft	Camshaft
10	0503 1876	Tachometer	Tachometer
11		Timing gears	
11	0501 8415	Valve drive	Valve drive
14		Lube oil pump	
14	0501 8457	Valve seat lubric.	Valve seat lubric.
14	0503 1332	Valve seat lubric.	Valve seat lubric.
14	0503 8974	Lubricat. oil pump	Lubricat. oil pump
15		Lube oil/-cooler	
15	0501 8539	Oil cooler	Oil cooler
15	0501 8854	Centrifug.mounting	Centrifug.mounting
15	0501 8887	Lubric. oil filter	Lubric. oil filter
16		Oil pipes	
16	0501 8533	Lubricat. oil line	Lubricat. oil line
16	0501 8853	Pump assy	Pump assy
16	0501 8889	Lubricat. oil line	Lubricat. oil line
16	0501 9323	Piston cooling	Piston cooling
16	0501 9343	Lubricat. oil line	Lubricat. oil line
17		Injection pump	
17	0501 8498	Clutch/coupling	Clutch/coupling
17	0502 7073	Parts of governor	Parts of governor
17	0502 9079	Parts inject.pump	Parts inject.pump
17	0503 1993	Fuel inject. pump	Fuel inject. pump
18		Injection pump drive	
18	0501 8695	Inject. pump drive	Inject. pump drive
19		Injector	

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19	0503 1886	Fuel injector	Fuel injector
20		Fuel filter	
20	0503 1620	Fuel duplex filter	Fuel duplex filter
20	0503 1679	Fuel duplex filter	Fuel duplex filter
21		Fuel pipes/fuel tank	
21	0501 8492	Hose assembly	Hose assembly
21	0501 8493	Accessories	Accessories
21	0501 8626	High pressure pipe	High pressure pipe
21	0501 8919	Leak off line	Leak off line
21	0503 1680	Fuel line	Fuel line
21	0503 1681	Fuel line	Fuel line
22		Suction pipe/air cleaner	
22	0501 8903	Bath air cleaner	Bath air cleaner
22	0501 8905	Charge air pipe	Charge air pipe
22	0503 1582	Intake elbow	Intake elbow
26		Heater plug installation	
26	0501 8840	Heater system	Heater system
29		Control linkage	
29	0501 8721	Control unit	Control unit
29	0503 1354	Accessories	Accessories
29	0503 1360	Accessories	Accessories
34		Vibration damper	
34	0501 8764	Auxiliary drive	Auxiliary drive
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 8711	Cooling water line	Cooling water line
38	0501 9406	Water thermostat	Water thermostat
38	0503 1684	Cooling water line	Cooling water line
38	0503 1685	Cooling water line	Cooling water line
38	0503 1694	Cooling water line	Cooling water line
39		Cooling air blower	
39	0503 1675	Set narrow v-belts	Set narrow v-belts
39	0503 1982	Fan support	Fan support
41		Exhaust manifold	
41	0501 8562	Exhaust pipe	Exhaust pipe
41	0501 8718	Exm manifold ins	Exm manifold ins
41	0501 8743	Accessories	Accessories
41	0501 8785	Corrugated tube	Corrugated tube
41	0501 8845	Expansion joint	Expansion joint
41	0501 8846	Exhaust manifold	Exhaust manifold
41	0503 1388	Hood	Hood
43		Turbocharger	
43	0501 8643	Insulation	Insulation
43	0503 1382	Turbocharger	Turbocharger
43	0503 1399	Accessories	Accessories

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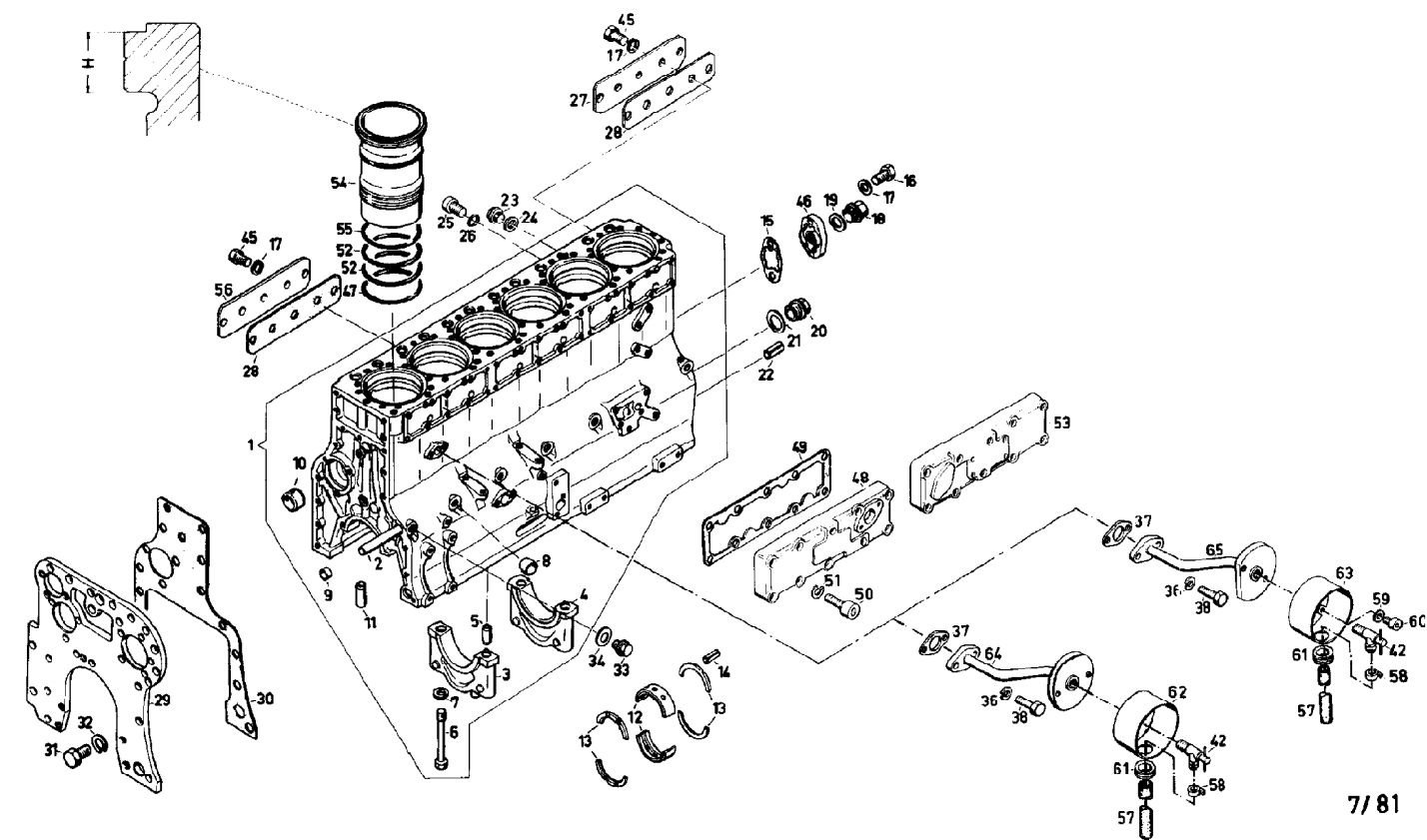
CG	ETL-No.	Designation (en)	Designation (en)
44		Alternator/starter motor	
44	0501 8843	Starter	Starter
44	0502 7074	Parts start.motor	Parts start.motor
44	0502 7075	Parts of alternat.	Parts of alternat.
44	0503 1316	Generator	Generator
46		Engine mounting, rigid	
46	0501 9388	Eyelet bolt	Eyelet bolt
46	0503 1956	Engine mounting	Engine mounting
48		Electrical accessories	
48	0501 8757	Electr.accessories	Electr.accessories
48	0501 8758	Incandescent lamp	Incandescent lamp
48	0501 8765	Temper.transmitter	Temper.transmitter
48	0501 8766	Switching device	Switching device
48	0501 8828	Heat.plug tell-tal	Heat.plug tell-tal
48	0501 8951	Pushbutton	Pushbutton
48	0501 9311	Protecting cap	Protecting cap
48	0503 1676	Indicator light	Indicator light
48	0503 1677	Incandescent lamp	Incandescent lamp
48	0503 1877	Hose assembly	Hose assembly
48	0503 1894	Incandescent lamp	Incandescent lamp
49		Tools	
49	0501 8676	Fitting ring	Fitting ring
49	0501 8677	Toolkit	Toolkit
49	0501 8678	Tool	Tool
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 8780	Instrumentation	Instrumentation
51	0501 9379	Pressure gauge	Pressure gauge
52		Clutch	
52	0500 4911	Fastenings	Fastenings
52	0501 8697	Connection housing	Connection housing
52	0503 1687	Drive shaft	Drive shaft
52	0503 1960	Clutch assembly	Clutch assembly
52	0503 8837	Claw coupling	Claw coupling
56		Engine shutdown	
56	0501 8687	Shutdown device	Shutdown device
57		V-belt guard	
57	0501 9334	Protection hood	Protection hood
57	0503 1317	Cover	Cover
57	0503 1319	Cap	Cap
58		Intercooler	
58	0501 9391	Cooler assembly	Cooler assembly

ETL no.: 0501 8918 Crankcase

Constr. Group: 01

Equipment: 00006840756
Output: 0000000,0 kW
ETL scope: EU217225

Engine type: BA 6M 816
Speed: 0000 1/min



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0501 8918

Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	04009713	Kit ? 10	1	ST			Crankcase	Crankcase	BEI ERSTMALIGEM ERSATZ BIS MOTOR-NR.5 861 926 MUSS BEI ANGEBAUTER KOLBENKUEHLU NG NEUE KOLBENKUEHLUNG TEI LE-NR. 400 6298 MITGELIEFERT W ERDEN. BEI ERSTMALIGEM ERSATZ MUSS AUSSERDEM BIS MOTOR-NR. 6 445 908 12X VENTILSTO ESSEL TEILE-NR.400 7541 MIT- GELIEFERT WERDEN. ==> NOTES: ENGLISH IN THE CASE OF FIRST REPLACEMENT ON ENGINES UP TO S/N 5 861 926, WITH MOU

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Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
									NTED PISTON COOLING, A NEW P ISTON COOLING P/N 400 6298 NE EDS TO BE SUPPLIED. . IN THE CASE OF FIRST REPLACEMENT UP TO ENGIN E S/N 6 445 908, ==> 12 X VALVE TAPPET P/N 400 7541 NEED TO BE SUP PLIED. . REMRQUE: FRANZOESISCH DANS LE CAS DU PREMIER REPLACEMENT SUR MOTEUR S JUSQU'AU NO.5 861 926 A VEC SYSTEME DE REFROIDISSEM ENT DU PISTON MONTE', UN NOUVE AU SYSTEME DE REFROIDISSEM ENT DU PISTON, TN 400 6298, ==> DOIT ETRE FOURNI EGALEM ENT. . DANS LE CAS DU PREMIER REPLACEMENT SUR MOTEUR S JUSQU'AU NO.6 445 908, 12 POUSSOIRS DE SOUPAPE , TN 400 7541, DOIVENT ET RE FOURNIS EGALEMENT. . NOTAS: SPANISCH EN CASO DE PRIMERA = => SUSTITUCION EN MOTORES HASTA EL NO. 5 861 926 CON SISTEMA DE REFRIGERACIO N DE PISTON MONTADO, HAY QUE SUMINISTRAR TAMBIEN UN NUEVO SISTEMA DE REFRIGERACIO N DE PISTON, NO.DE PIEZA 400 6298.

ETL no.: 0501 8918 Crankcase

Constr. Group: 01

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Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
										EN CASO DE PRIMERA SUSTITUCION HAY QUE SUMINISTRAR ADEMAS, HAS TA ==> EL MOTOR NO. 6 445 908, 12 EMPUJADORES DE VALVULA, NO. 400 7541.
2	02156641	Kit ?			1	ST		Oil pipe	Oil pipe	
3	03373126	Kit ?			6	ST		Bearing cap	Bearing cap	
4	03373128	Kit ?			1	ST		Bearing cap	Bearing cap	
5	03373086	Kit ?			14	ST		Dowel bush	Dowel bush	
6	01166940	Kit ?			14	ST		Hexagon bolt	Hexagon bolt	
7	01216105	Kit ?			14	ST		Plain washer	Plain washer	
8	03371220	Kit ?			6	ST		Proportioning plug	Proportioning plug	
9	01165831	Kit ?			1	ST		Core hole plug	Core hole plug	
10	04016171	Kit ?			6	ST		Bearing bush	Bearing bush	
11	04005025	Kit ?			12	ST		Bush	Bush	
12	04001142	Kit ?			7	ST		Main bearing	Main bearing	NORMAL 119,00MMRD.(4.685 0IN.) REP.STUFEN(POS.950-955) NORMAL 2,985MM(0.1175IN) REP.STUFEN (POS.956-958)
13	04002998	Kit ?			2	ST		Stop ring	Stop ring	
14	03362280	Kit ?			2	ST		Locating pin	Locating pin	
15	04006119	Kit ?			1	ST		Gasket	Gasket	
16	01112326	Kit ? 20	20		2	ST		Hexagon bolt	Hexagon bolt	
17	01102799	Kit ?			17	ST		Lock washer	Lock washer	
18	01118980	Kit ? 20	20		1	ST		Screw plug	Screw plug	
19	01118737	Kit ?			1	ST		Sealing ring	Sealing ring	
20	01118989	Kit ?			1	ST		Screw plug	Screw plug	
21	01118784	Kit ?			1	ST		Sealing ring	Sealing ring	
22	01115464	Kit ?			2	ST		Straight pin	Straight pin	
23	01215083	Kit ?			1	ST		Screw plug	Screw plug	
24	01118688	Kit ?			1	ST		Sealing ring	Sealing ring	
25	01102193	Kit ?			1	ST		Cheese head screw	Cheese head screw	
26	01118647	Kit ?			1	ST		Sealing ring	Sealing ring	
27	02156517	Kit ?			2	ST		Cover	Cover	
28	02156518	Kit ?			3	ST		Gasket	Gasket	
29	02154085	Kit ?			1	ST		Plate	Plate	
30	03373075	Kit ?			1	ST		Gasket	Gasket	
31	01112412	Kit ? 20	20		5	ST		Hexagon bolt	Hexagon bolt	
32	01102800	Kit ?			5	ST		Lock washer	Lock washer	
33	01118965	Kit ?			5	ST		Screw plug	Screw plug	
34	01118707	Kit ?			5	ST		Sealing ring	Sealing ring	
36	01102799	Kit ?			1	ST		Lock washer	Lock washer	
37	03308287	Kit ?			1	ST		Gasket	Gasket	
38	01112322	Kit ? 20	20		2	ST		Hexagon bolt	Hexagon bolt	
42	01120689	Kit ? 20	20		1	ST		Drain valve	Drain valve	
45	01112307	Kit ?			15	ST		Hexagon bolt	Hexagon bolt	
46	04002352	Kit ?			1	ST		Cover	Cover	
47	01162684	Kit ?			6	ST		O-seal	O-seal	
48	04007545	Kit ?			1	ST		Cover	Cover	
49	02157801	Kit ?			3	ST		Gasket	Gasket	
50	01110561	Kit ? 20	20		30	ST		Cheese head screw	Cheese head screw	
51	01119611	Kit ?			30	ST		Lock washer	Lock washer	

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Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
52	01212716	Kit ?		16	ST		O-seal	O-seal	
53	04006233	Kit ?		2	ST		Cover	Cover	
54	04001561	Kit ?		6	ST		Cylinder liner	Cylinder liner	NORMAL H 12,1MM(0,47637 9IN) REP.STUFE POS.959
55	01178454	Kit ?		8	ST		O-seal	O-seal	
56	04006522	Kit ?		1	ST		Cover	Cover	
57	01170849	Kit ?		1	ST		Hose	Hose	
58	01166356	Kit ?		1	ST		Hose clip	Hose clip	
59	01124654	Kit ?		2	ST		Plain washer	Plain washer	
60	01126915	Kit ?		2	ST		Cheese head screw	Cheese head screw	
61	01167428	Kit ?		1	ST		Rubber grommet	Rubber grommet	
62	04005444	Kit ?		1	ST		Sheet/plate	Sheet/plate	BIS MOT.-NR AB MOT.-NR 5861819 POS. 63
63	04006861	Kit ?		1	ST		Sheet/plate	Sheet/plate	
64	04004896	Kit ?		1	ST		Disch./drain pipe	Disch./drain pipe	BIS MOT.-NR AB MOT.-NR 5861819 POS. 65
65	04006319	Kit ?		1	ST		Disch./drain pipe	Disch./drain pipe	
950	04002982	Kit ?		7	SA		Main bearing	Main bearing	1.REPARATURSTUFE 118,75MMRD.(4.6752IN.)
951	04002983	Kit ?		7	SA		Main bearing	Main bearing	2.REPARATURSTUFE 118,50MMRD.(4.6653IN.)
952	04002984	Kit ?		7	SA		Main bearing	Main bearing	3.REPARATURSTUFE 118,25MMRD.(4.6555IN.)
953	04002986	Kit ?		7	SA		Main bearing	Main bearing	4.REPARATURSTUFE 118,00MMRD.(4.6457IN.)
954	04002987	Kit ?		7	SA		Main bearing	Main bearing	5.REPARATURSTUFE 117,75MMRD.(4.6358IN.)
955	04002988	Kit ?		7	SA		Main bearing	Main bearing	6.REPARATURSTUFE 117,50MMRD.(4.6259IN.)
956	04002999	Kit ?	50	2	SA		Stop ring	Stop ring	1.REPARATURSTUFE 3,135MM(0.1234IN.)
957	04003000	Kit ?		2	SA		Stop ring	Stop ring	2.REPARATURSTUFE 3,285MM(0.1293IN.)
958	04003001	Kit ?		2	ST		Stop ring	Stop ring	3.REPARATURSTUFE 3.435MM(0.1352IN.)
959	04009718	Kit ?		1	ST		Cylinder liner	Cylinder liner	REPARATURSTUFE H 13,1 MM(0,515749IN)