



Spare Parts Catalog

BF12L 513 s/n 7785503

Equipment information

Equipment: 00007785503
Type: BF12L 513
Output: 0000334,0 kW
Speed: 2300 1/min
Build date: 01.05.1990
KLU-Number:
ETL scope: EU207281
MVS: 611

Customer: IML Motori Spa
Location: Milano
Country: Italy

VKU date: 01.05.1990

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: 00007785503
Output: 0000334,0 kW
ETL scope: EU207281

Engine type: BF12L 513
Speed: 2300 1/min

CG	ETL-No.	Designation (en)	Designation (en)
1		Crankcase	
1	0500 1808	Cover	Cover
1	0501 3174	Rear end cover	Rear end cover
1	0501 3352	Handling device	Handling device
1	0502 1425	Oil filler	Oil filler
1	0502 4940	Cooling air baffle	Cooling air baffle
1	0503 2086	Carrier	Carrier
1	0503 3423	Dipstick	Dipstick
1	0503 7027	Crankcase	Crankcase
1	0503 7135	Venting box	Venting box
1	0506 4396	Breather line	Breather line
1	0506 4670	Tappet bridge	Tappet bridge
2		Oil pan	
2	0503 3254	Oil pan	Oil pan
4		Cylinder	
4	0505 0610	Cylinder	Cylinder
5		Crankshaft	
5	0503 0020	Flywheel	Flywheel
5	0503 0077	Driving parts	Driving parts
5	0503 7554	Crankshaft	Crankshaft
5	0505 0953	Vibration damper	Vibration damper
6		Connecting rod	
6	0505 0818	Connecting rod	Connecting rod
7		Piston	
7	0505 1241	Piston	Piston
8		Cylinder head	
8	0504 2633	Fastenings	Fastenings
8	0505 0978	Cylinder head	Cylinder head
10		Camshaft	
10	0502 2603	Camshaft	Camshaft
11		Timing gears	
11	0502 1334	Valve drive	Valve drive
14		Lube oil pump	
14	0503 3199	Lubricat. oil pump	Lubricat. oil pump
15		Lube oil/-cooler	
15	0501 3044	Fuse/lock	Fuse/lock
15	0503 2122	Filter cartridge	Filter cartridge
15	0503 7578	Connector	Connector
15	0505 0665	Lubric. oil cooler	Lubric. oil cooler
16		Oil pipes	
16	0503 4129	Lubricat. oil line	Lubricat. oil line
16	0503 4130	Lubricat. oil line	Lubricat. oil line
16	0503 7276	Lubricat. oil line	Lubricat. oil line
17		Injection pump	
17	0502 2498	Electr.accessories	Electr.accessories
17	0502 9255	Parts of fuel pump	Parts of fuel pump
17	0502 9429	Parts inject.pump	Parts inject.pump
17	0503 3243	Accessories	Accessories
17	0503 7380	Fuel inject. pump	Fuel inject. pump

Equipment:	00007785503	Engine type:	BF12L 513
Output:	0000334,0 kW	Speed:	2300 1/min
ETL scope:	EU207281		

CG	ETL-No.	Designation (en)	Designation (en)
17	0505 0612	Hand pump	Hand pump
17	0506 4096	Clutch/coupling	Clutch/coupling
17	0506 4107	Limit stop	Limit stop
17	0507 8560	Parts of governor	Parts of governor
17	0507 8561	Parts of governor	Parts of governor
18		Injection pump drive	
18	0503 7437	Accessories	Accessories
18	0506 4348	Timing device	Timing device
19		Injector	
19	0502 9150	Parts of injector	Parts of injector
19	0503 3335	Fuel injector	Fuel injector
20		Fuel filter	
20	0500 2550	Fuel prefilter	Fuel prefilter
20	0500 3942	Fuel duplex filter	Fuel duplex filter
20	0501 3128	Hose assembly	Hose assembly
20	0503 3289	Fuel line	Fuel line
21		Fuel pipes/fuel tank	
21	0500 2068	Accessories	Accessories
21	0503 1212	Leak off line	Leak off line
21	0503 4126	Fastenings	Fastenings
21	0505 0683	High pressure pipe	High pressure pipe
21	0506 4707	Fastenings	Fastenings
22		Suction pipe/air cleaner	
22	0500 2115	Protecting cap	Protecting cap
22	0500 4827	Bracket	Bracket
22	0500 4833	Elbow connector	Elbow connector
22	0502 1021	Transfer pipe	Transfer pipe
22	0502 1048	Rubber dust exclud	Rubber dust exclud
22	0502 3349	Air cleaner	Air cleaner
22	0503 7039	Suction pipe	Suction pipe
22	0505 0617	Maint indicator	Maint indicator
22	0505 1124	Pipeline	Pipeline
26		Heater plug installation	
26	0500 4731	Accessories	Accessories
26	0503 1285	Spark ignition	Spark ignition
26	0503 7118	Accessories	Accessories
29		Control linkage	
29	0505 0676	Speed adjustment	Speed adjustment
33		Air compressor	
33	0500 2208	Blanking parts	Blanking parts
39		Cooling air blower	
39	0500 5781	Intermediate shaft	Intermediate shaft
39	0503 2087	Accessories	Accessories
39	0503 2138	Bypass line	Bypass line
39	0503 3048	Blower drive	Blower drive
39	0503 7438	Blower drive	Blower drive
39	0506 4540	Cooling blower	Cooling blower
39	0506 4852	Gear transmission	Gear transmission
40		Cooling air ducting	
40	0502 0709	Cool. air cowling	Cool. air cowling

Equipment:	00007785503	Engine type:	BF12L 513
Output:	0000334,0 kW	Speed:	2300 1/min
ETL scope:	EU207281		

CG	ETL-No.	Designation (en)	Designation (en)
40	0502 2572	Cool. air cowling	Cool. air cowling
40	0502 3543	Air guide hood	Air guide hood
40	0502 3544	Air guide hood	Air guide hood
40	0503 2089	Cool. air cowling	Cool. air cowling
40	0505 1127	Cover	Cover
40	0505 1856	Cool. air cowling	Cool. air cowling
40	0506 4573	Cool. air cowling	Cool. air cowling
41		Exhaust manifold	
41	0503 4165	Fastenings	Fastenings
41	0503 7453	Exhaust pipe	Exhaust pipe
41	0503 7589	Exhaust silencer	Exhaust silencer
41	0504 2567	Exhaust manifold	Exhaust manifold
41	0505 0619	Fastenings	Fastenings
41	0506 4005	Corrugated tube	Corrugated tube
43		Turbocharger	
43	0502 9241	Parts turbocharger	Parts turbocharger
43	0503 7155	Panelling	Panelling
43	0504 2543	Turbocharger	Turbocharger
44		Alternator/starter motor	
44	0502 9082	Parts of alternat.	Parts of alternat.
44	0502 9398	Parts start.motor	Parts start.motor
44	0503 1099	Cap	Cap
44	0503 1203	Accessories	Accessories
44	0505 0166	Generator	Generator
44	0505 0189	Starter	Starter
46		Engine mounting, rigid	
46	0500 2409	Engine mounting	Engine mounting
48		Electrical accessories	
48	0500 3834	Indicator light	Indicator light
48	0501 3434	Electr. equipment	Electr. equipment
48	0503 3041	Plug connection	Plug connection
48	0503 3181	Fastenings	Fastenings
48	0503 3185	Fastenings	Fastenings
48	0504 2630	Cable harness	Cable harness
48	0504 2652	Oil pressur.switch	Oil pressur.switch
48	0504 2855	Indicator light	Indicator light
48	0505 1116	Electr.accessories	Electr.accessories
49		Tools	
49	0500 2423	Toolkit	Toolkit
51		Measuring instruments	
51	0500 2431	Drive	Drive
51	0503 7836	Accessories	Accessories
51	0504 2413	Temper.indicator	Temper.indicator
51	0505 0090	Switching device	Switching device
51	0505 0734	Temper.transmitter	Temper.transmitter
52		Clutch	
52	0503 7491	Connection housing	Connection housing
56		Engine shutdown	
56	0503 7294	Shutdown device	Shutdown device
56	0505 1115	Solenoid	Solenoid

Equipment:	00007785503	Engine type:	BF12L 513
Output:	0000334,0 kW	Speed:	2300 1/min
ETL scope:	EU207281		

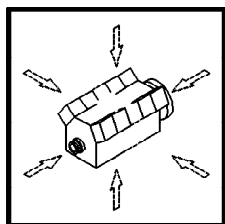
CG	ETL-No.	Designation (en)	Designation (en)
61		Air discharge frame	
61	0502 0833	Cool.air outl.duct	Cool.air outl.duct
61	0503 7096	Cool. air cowling	Cool. air cowling
61	0503 7097	Cool. air cowling	Cool. air cowling

ETL no.: 0503 7027 Crankcase

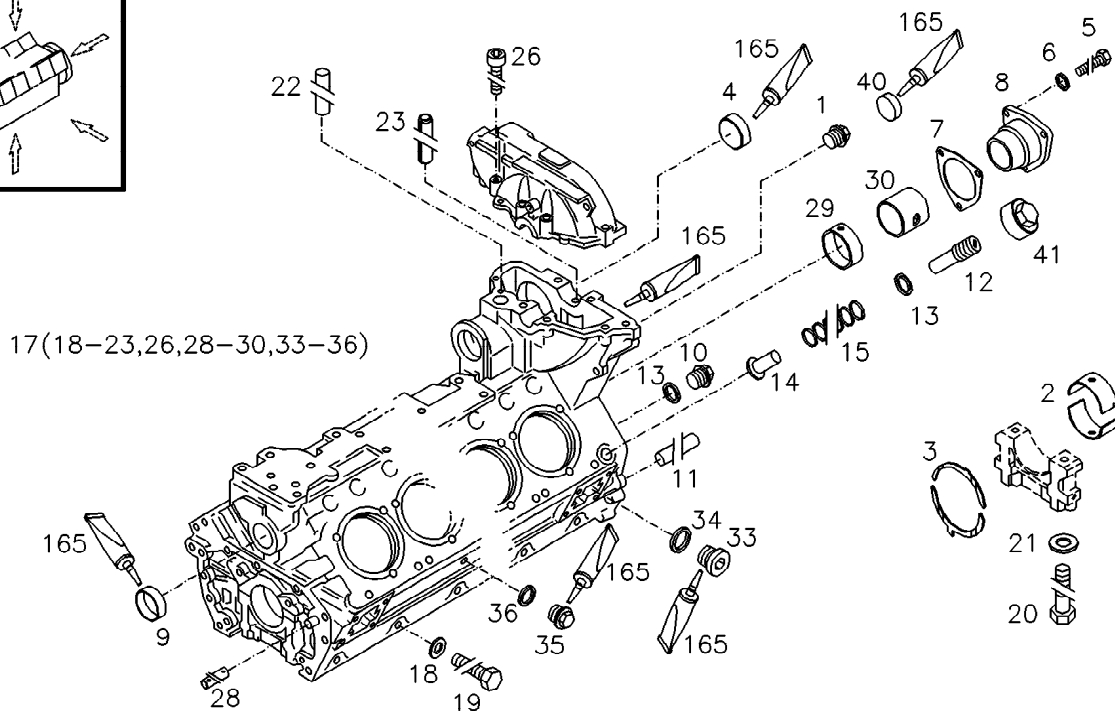
Constr. Group: 01

Equipment: 00007785503
Output: 0000334,0 kW
ETL scope: EU207281

Engine type: BF12L 513
Speed: 2300 1/min



003 ©



0503 7027

Item	Material	Kit	MS	VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
1	03361343				1	ST		Screw plug	Screw plug	
2	04180681	Kit !			7	SA		Main bearing	Main bearing	STANDARD (A)MM RD, FOR UNDERSIZE SEE ITEM (B) (A) 95,00 MM RD (B) 950-955 AUSSENDURCHMESSER 101 M M
3	02422297	Kit !			2	ST		Thrust washer	Thrust washer	STANDARD (A)MM RD, FOR UNDERSIZE SEE ITEM (B) (A) 95,00 MM RD (B) 956-961
4	03361334		50	50	1	ST		Core hole plug	Core hole plug	
5	01137083		20	20	3	ST		Hexagon bolt	Hexagon bolt	
6	01118654				3	ST		Sealing ring	Sealing ring	
7	02192080				1	ST		Gasket	Gasket	
8	02192079				1	ST		Cover	Cover	
9	02403129				1	ST		Cover	Cover	
10	01216200				1	ST		Screw plug	Screw plug	2 801 A4
11	01102854				2	ST		Parallel pin	Parallel pin	
12	02425190				1	ST		Adjusting screw	Adjusting screw	
13	01118784	Kit !			1	ST		Sealing ring	Sealing ring	
14	02403032				1	ST		Valve plunger	Valve plunger	
15	02403033				1	ST		Compression spring	Compression spring	

ETL no.: 0503 7027 Crankcase

Constr. Group: 01

Equipment: 00007785503
 Output: 0000334,0 kW
 ETL scope: EU207281

Engine type: BF12L 513
 Speed: 2300 1/min

Item	Material	Kit	MS VS	Quant	Unit	Ord	Designation (en)	Designation (en)	Remark
17	02422175		10	1	ST		Crankcase	Crankcase	WITH ITEM.... (18-23,26,28-30,33-36)
18	02403108			14	ST		Plain washer	Plain washer	
19	01112633			14	ST		Hexagon bolt	Hexagon bolt	
20	01102166	Kit !		14	ST		Hexagon bolt	Hexagon bolt	
21	02408062			14	ST		Plain washer	Plain washer	
22	01105127	Kit !		1	ST		Parallel pin	Parallel pin	
23	01115463	Kit !		1	ST		Straight pin	Straight pin	
26	01152828			6	ST		Cheese head screw	Cheese head screw	
28	02404726			1	ST		Oil pipe	Oil pipe	
29	02192071			6	ST		Bush	Bush	
30	02192072			1	ST		Bush	Bush	
33	01110423			1	ST		Screw plug	Screw plug	
34	01118693			1	ST		Sealing ring	Sealing ring	
35	01118971			1	ST		Screw plug	Screw plug	
36	01118718			1	ST		Sealing ring	Sealing ring	
40	01165832		90	1	ST		Core hole plug	Core hole plug	
41	02416414			1	ST		Cap nut	Cap nut	
165	01091503			1	ST		Packing compound	Packing compound	
950	04180682			7	ST		Main bearing	Main bearing	1ST UNDERSIZE 94,75 MM RD AUSSENDURCHMESSER 101 M M
951	04180683			7	ST		Main bearing	Main bearing	2ND UNDERSIZE 94,50 MM RD AUSSENDURCHMESSER 101 M M
952	04180684			7	ST		Main bearing	Main bearing	3RD UNDERSIZE 94,25 MM RD AUSSENDURCHMESSER 101 M M
953	04180685			7	ST		Main bearing	Main bearing	4TH UNDERSIZE 94,00 MM RD AUSSENDURCHMESSER 101 M M
954	04180686			7	ST		Main bearing	Main bearing	5TH UNDERSIZE 93,75 MM RD AUSSENDURCHMESSER 101 M M
955	04180687			7	ST		Main bearing	Main bearing	6TH UNDERSIZE 93,50 MM RD AUSSENDURCHMESSER 101 M M
956	02422298			2	SA		Thrust washer	Thrust washer	1ST UNDERSIZE 94,75 MM RD
957	02422299			2	ST		Thrust washer	Thrust washer	2ND UNDERSIZE 94,50 MM RD
958	02422300			2	ST		Thrust washer	Thrust washer	3RD UNDERSIZE 94,25 MM RD
959	02422301			2	ST		Thrust washer	Thrust washer	4TH UNDERSIZE 94,00 MM RD
960	02422302			2	ST		Thrust washer	Thrust washer	5TH UNDERSIZE 93,75 MM RD
961	02422303			2	ST		Thrust washer	Thrust washer	6TH UNDERSIZE 93,50 MM RD