

Catalogue

WÄRTSILÄ

D816

BA12M816

**Document****Catalogue****Engine type****BA12M816****Engine no.****Document file no.****Date March 2010**

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Introduction

The Spare Parts Catalogue provides the necessary information for ordering parts.

Arrangement of Catalogue

The Spare Parts Catalogue is composed of:

- Drawings (Bild-Tafel) with item numbers (Fig. No)
- Parts lists showing the item number (Fig. No), part number, denomination and quantity per (sub-) assembly of each part.

Ordering Parts

When ordering parts please include the following information:

Installation Data:

- Engine Number (see name plate of the engine)
- Engine Type
- Name of ship or Installation

Parts Data:

- Part Number and Description
- Number of Illustration (Bild-Tafel)
- Serial (unique) Number of the Part (if available)
- Quantity of required parts

Shipment Data:

- Invoicing Address
- Forwarding Address
- Type of Shipment

The supply of spares is subject to our General Terms and Conditions for the sales of Spare Parts.

Ordering Address

The parts required should be ordered direct from Wärtsilä Netherlands B.V. or from one of the service stations, workshops and ship repair centres that form our service network in 60 countries worldwide.

Wärtsilä Netherlands B.V.
P.O. Box 10608, 8000 GB Zwolle
Office: Hanzelaan 95, 8017 JE Zwolle
The Netherlands
Tel. +31 38 425 32 53 (24 hrs)
Fax +31 38 422 35 64
service.sales.nl@wartsila.com

Equipment:
Engine type

BA12M816

CG	ETL-No.	Designation (en)
1		Crankcase
1	05018406	Oil line
1	05018413	Rear end cover
1	05018418	Front cover
1	05018438	Oil filler
1	05018452	Suspension eye
1	05018641	Crankcase
1	05019315	Breather pipe
1	05019321	Breather
1	05019344	Wet air cleaner
1	05031987	Cover
2		Oil pan
2	05018511	Oil pan
2	05019347	Dipstick
5		Crankshaft
5	05018408	Damper
5	05018409	Fastenings
5	05018486	Crankshaft
5	05038851	Flywheel
6		Connecting rod
6	05018410	Connecting rod
7		Piston
7	05018940	Piston
8		Cylinder head
8	05018638	Fastenings
8	05038899	Cylinder head
10		Camshaft
10	05019341	Gear train
11		Timing gears
11	05018415	Valve drive
14		Lube oil pump
14	05018400	Lubricat. oil pump
14	05018457	Valve seat lubric.
14	05018530	Suction pipe
15		Lube oil/-cooler
15	05018447	Fastenings
15	05018605	Lubric. oil filter
15	05031339	Oil cooler

Equipment:
Engine type

BA12M816

CG	ETL-No.	Designation (en)
16		Oil pipes
16	05018494	Piston cooling
16	05018513	Suction pipe
16	05018528	Pressure oil line
16	05018529	Disch./drain pipe
16	05018650	Semi-rotary pump
16	05019371	Lubricat. oil line
17		Injection pump
17	05019397	Connection
17	05027066	Parts of fuel pump
17	05027067	Parts of governor
17	05029111	Parts of fuel pump
17	05029112	Parts inject.pump
17	05031548	Fuel inject. pump
17	05031669	Clutch/coupling
18		Injection pump drive
18	05018419	Inject. pump drive
19		Injector
19	05029151	Parts of injector
19	05031886	Fuel injector
20		Fuel filter
20	05018585	Fuel duplex filter
20	05018949	Hose assembly
20	05031620	Fuel duplex filter
21		Fuel pipes/fuel tank
21	05018488	Leak off line
21	05018492	Hose assembly
21	05018493	Accessories
21	05018583	High pressure pipe
21	05018592	Hose assembly
21	05019363	Drain line
21	05019364	Fastening clip
21	05031700	Fuel line
22		Suction pipe/air cleaner
22	05018574	Bypass line
22	05018575	Bypass line
22	05031533	Charge air elbow
22	05031537	Charge air pipe
22	05031538	Charge air pipe
22	05031582	Intake elbow

Equipment:
Engine type

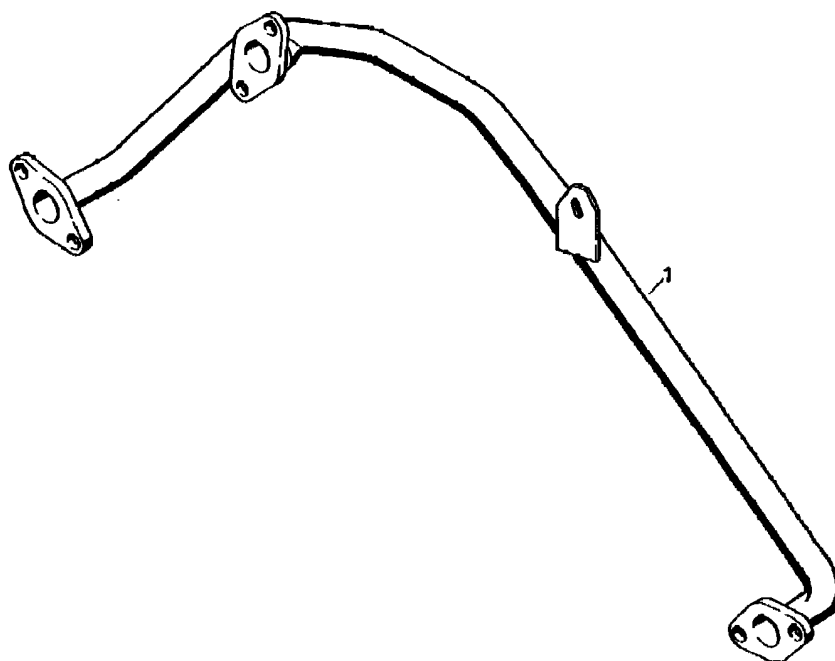
BA12M816

CG	ETL-No.	Designation (en)
26		Heater plug installation
26	05031989	Heater system
29		Control linkage
29	05018721	Control unit
29	05018725	Accessories
34		Vibration damper
34	05038978	Auxiliary drive
37		Cooling water pump
37	05018709	Fastenings
37	05018751	Cooling water pump
37	05018820	Drive
38		Water pipes
38	05018458	Cooling water line
38	05018631	Cooling water line
38	05018946	Cooling water line
38	05019385	Cooling water line
38	05031325	Breather line
38	05031368	Cooling water line
41		Exhaust manifold
41	05018416	Expansion joint
41	05018461	Support
41	05018590	Exhaust pipe
41	05018720	Exm manifold ins
41	05018846	Exhaust manifold
41	05031388	Hood
43		Turbocharger
43	05018640	Hood
43	05031383	Turbocharger
44		Alternator/starter motor
44	05018454	Starter
44	05018738	Generator
44	05028969	Parts of alternat.
44	05028971	Parts start.motor
44	05031310	Bracket
46		Engine mounting, rigid
46	05018749	Engine mounting

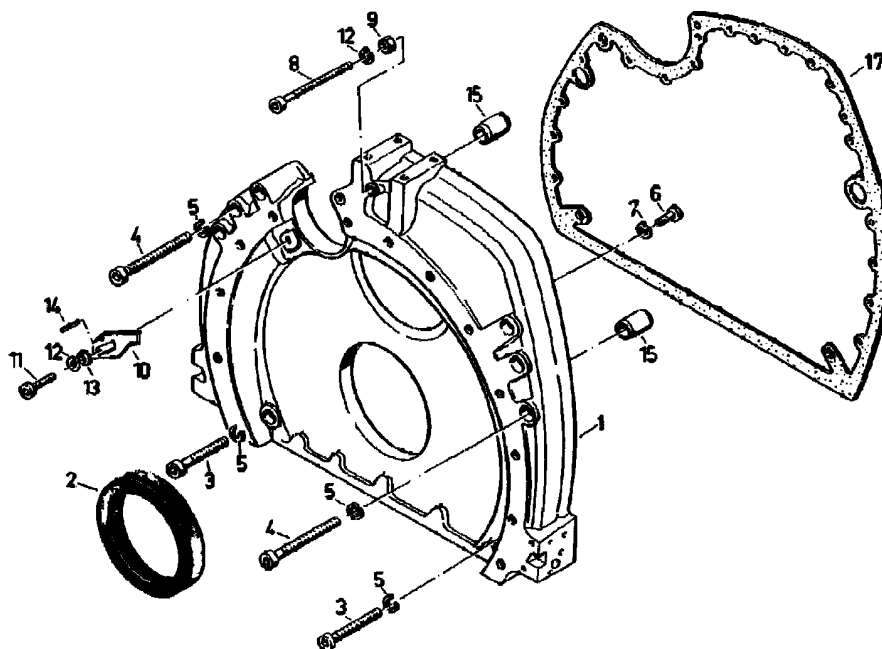
Equipment:
Engine type

BA12M816

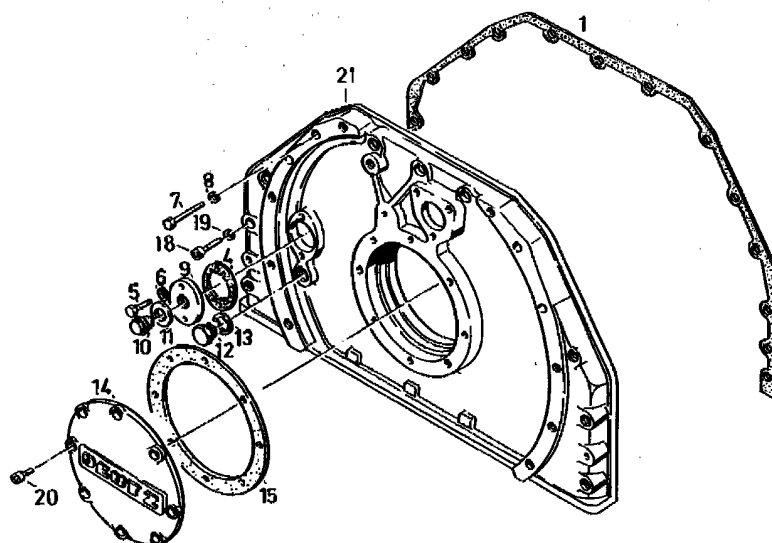
CG	ETL-No.	Designation (en)
48		Electrical accessories
48	05018741	Regulator cut-out
48	05018951	Pushbutton
48	05031676	Indicator light
48	05031677	Incandescent lamp
51		Measuring instruments
51	05018456	Tacho drive
56		Engine shutdown
56	05029149	Solenoid
56	05038859	Stopping equipment
57		V-belt guard
57	05018659	Protection hood
57	05019325	Cover
57	05031628	Protection hood
63		Starting aid
63	05018472	Preheater

ETL no.: 05018406 Oil line
Equipment:
Constr. Group: 1
Engine type: BA12M816

0501 8406

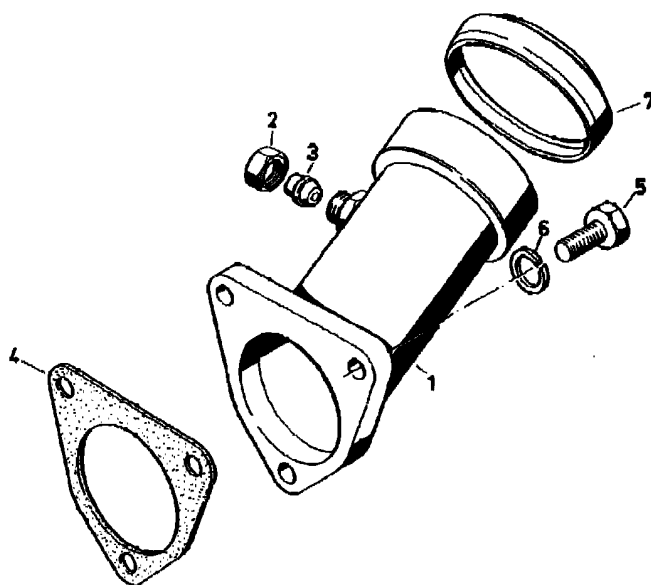
Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
01	02154353	1	ST	Oil line	

ETL no.: 05018413 Rear end cover
Constr. Group: 1
Equipment:
Engine type: BA12M816

0501 8413

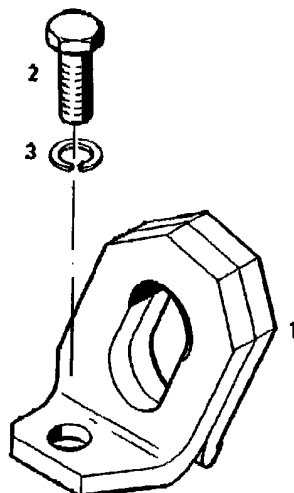
Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
01	02158175	1	ST	Cover	
02	12210682	1	ST	Rot.shaft lip seal	
03	01110789	2	ST	Cheese head screw	
04	01110794	6	ST	Cheese head screw	
05	01119614	8	ST	Lock washer	
06	01112333	10	ST	Hexagon bolt	
07	01102799	12	ST	Lock washer	
08	01110630	2	ST	Cheese head screw	
09	01112824	2	ST	Hexagon nut	
10	03374643	1	ST	Pointer	
11	01102193	1	ST	Cheese head screw	
12	01119610	3	ST	Lock washer	
13	01107101	1	ST	Plain washer	
14	01115312	1	ST	Notched nail	
15	03373094	2	ST	Dowel bush	
17	03374644	1	ST	Gasket	

ETL no.: 05018418 Front cover
Constr. Group: 1
Equipment:
Engine type: BA12M816
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0501 8418

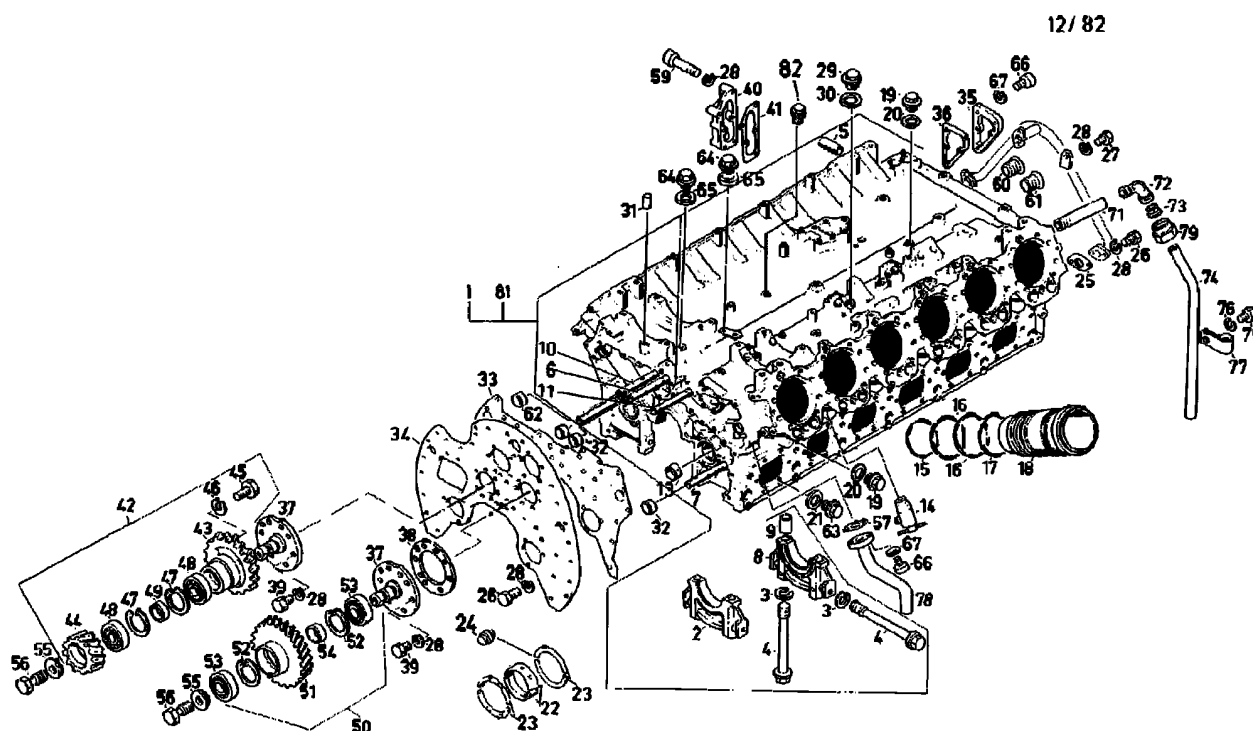
Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
01	03374587	1	ST	Gasket	
04	03373073	1	ST	Gasket	
05	01112326	2	ST	Hexagon bolt	
06	01102799	2	ST	Lock washer	
07	01111179	2	ST	Hexagon bolt	
08	01102799	2	ST	Lock washer	
09	03373155	1	ST	Cover	
10	01118980	1	ST	Screw plug	
11	01118737	1	ST	Sealing ring	
12	01118989	1	ST	Screw plug	
13	01118783	1	ST	Sealing ring	
14	03374615	1	ST	Cover	
15	03374612	1	ST	Gasket	
18	01101405	9	ST	Cheese head screw	
19	01119611	9	ST	Lock washer	
20	01102193	8	ST	Cheese head screw	
21	02151082	1	ST	Front cover	

ETL no.: 05018438 Oil filler
Equipment:
Constr. Group: 1
Engine type: BA12M816

0501 8438

Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
01	02152307	1	ST	Oil filler neck	
02	01119038	1	ST	Union nut	
03	01216515	1	ST	Blank cone	
04	03374613	1	ST	Gasket	
05	01112407	3	ST	Hexagon bolt	
06	01102800	3	ST	Lock washer	
07	03368914	1	ST	Cover	

ETL no.: 05018452 Suspension eye
Constr. Group: 1
Equipment:
Engine type: BA12M816

0501 8452

Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
01	02156749	1	ST	Suspension eye	
02	01114307	2	ST	Hexagon bolt	
03	01102804	2	ST	Lock washer	

ETL no.: 05018641 Crankcase
Constr. Group: 1
Equipment:
Engine type: BA12M816

0501 8641

Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
01	04001162	1	ST	Crankcase	BIS MOT.-NR.6445687 AB MOT.-NR.6445688 POS.81
02	02153496	6	ST	Bearing cap	
03	01216105	28	ST	Plain washer	
04	01215915	28	ST	Hexagon bolt	
05	02159339	1	ST	Oil pipe	
06	04000215	1	ST	Oil pipe	
07	03374606	2	ST	Oil pipe	
08	02153494	1	ST	Bearing cap	
09	03373086	14	ST	Dowel bush	
10	02158628	1	ST	Oil pipe	
11	02158627	1	ST	Oil pipe	
13	04001175	13	ST	Bearing bush	
14	01120690	2	ST	Drain valve	
15	01162684	12	ST	O-seal	
16	01212716	24	ST	O-seal	
17	01178454	12	ST	O-seal	
18	04001561	12	ST	Cylinder liner	NORMAL H.12,1MM(0,476379I N) REP.STUFE POS.959
19	01118997	14	ST	Screw plug	
20	01118659	14	ST	Sealing ring	
21	01118700	2	ST	Sealing ring	