

TBD620V16

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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 (ETL. No) with item numbers (Fig. No)
- Parts lists showing the item number (Fig. No), spare part number, designation and quantity per (sub-) assembly of each part.

Ordering Parts

When ordering parts please include the following information; in order to supply the correct material numbers for the installation.

Installation Data:

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

Parts Data:

- Number of Illustration (ETL. No)
- Spare part Number and Description
- 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: Deutz **Engine type** TBD620V16

CG	ETL-No.	Designation (en)
1		Crankcase
1	05081393A	Crankc. end cover
1	05081398	Engine mounting
1	05085033	Cover
1	05085099A	Cover
1	05085158	Disch./drain pipe
1	05085161	Piston cooling
1	05085813	Coke scraper ring
1	05085857	Crankcase
1	ETL20026	Crankcase breather
1	ETL20091	Relief valve
1	ETL20102	Oil separator
2		Oil pan
2	05085329	Oil pan
2	05085344A	Dipstick
5		Crankshaft
5	05080852	Starter ring gear
5	05085004	Crankshaft access.
5	05085005	Crankshaft access.
5	05085889	Flywheel flange
5	05085892	Accessories
5	05085896	Flywheel
5	05089694	Main bearing
5	ETL20027	Crankshaft
6		Connecting rod
6	05085939A	Connecting rod
6	05089740	Big end bearing
7		Piston
7	05085868	Piston
8		Cylinder head
8	05084310	Cool.water passage
8	05085062A	Installation parts
8	05085446	Valve mechan.cover
8	05085751	Cylinder head
8	05085820	Sealing ring
8	ETL01041	Extra parts for CG 8
8	ETL20105	Control device
8	ETL20106	Air valve

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CG	ETL-No.	Designation (en)
9		Timing chest
9	05085022A	Crankc. end cover
9	05085050A	Idler gear
9	05085056	Idler bearing
9	05085058A	Idler gear
9	05085086	Toothed gear
9	05085091	Toothed gear
10		Camshaft
10	05085013	Camshaft
10	05085057A	Support
10	05085087	Toothed gear
10	05085088	Fastenings
11		Timing gears
11	05085092A	Valve drive
14		Lube oil pump
14	05082121A	Installation parts
14	05085625	Lubricat. oil pump
15		Lube oil/-cooler
15	05085036A	Oil filter
15	05085038	Oil cooler
15	05085039	Oil cooler
15	05085045	Bracket
15	05085046A	Bracket
15	05085053	Blank flange
15	05085067A	Oil centrifuge
15	ETL20028	Oil centrifuge
16		Oil pipes
16	05085015	Pressure oil line
16	05085026	Oil suction line
16	05085042	Manifold
16	05085051A	Oil line
16	05085077	Oil line
16	05085078	Oil line
16	05085174	Oil drain pipe
16	05085324	Oil line
16	05085325	Press.relief valve
16	05085370A	Blanking parts
16	05085372	Priming set assy
16	05085520	Oil line
16	05085640	Oil drain pipe
16	05085641	Lubricat. oil line
16	05085687	Lubricat. oil line

Equipment: Deutz **Engine type** TBD620V16

CG	ETL-No.	Designation (en)
17		Injection pump
17	05081246	Indicator
17	05082586	Cover
17	05085571	Control rod
17	05085730A	Fuel inject. Pump
17	05085731A	Fuel inject. Pump
17	05085790	Fastenings
18		Injection pump drive
18	05085578	Inject. pump drive
18	05085643	Clutch/coupling
19		Injector
19	05082165	Clamping yoke
19	05082166	Installation parts
19	05085874	Fuel injector
20		Fuel filter
20	05085136	Fuel pump
20	05085512	Fastenings
20	05085554	Fuel filter
21		Fuel pipes/fuel tank
21	05085066	Fuel line
21	05085517	Manifold
21	05085518	Distributor panel
21	05085523	Fuel line
21	05085524	Fuel line
21	05085528	Fuel pump
21	05085619A	Fuel line
21	05085648	High pressure pipe
27		Speed control
27	ETL20107	Speed governor
27	ETL20116A	Control devic
29		Control linkage
29	05082283	Cover
34		Vibration damper
34	05085043	Fastenings
34	05085283	Vibration damper
36		Water cooler
36	05085345	Bracket
36	05085739	Stack.plate cooler
36	ETL20113	Preheating unit

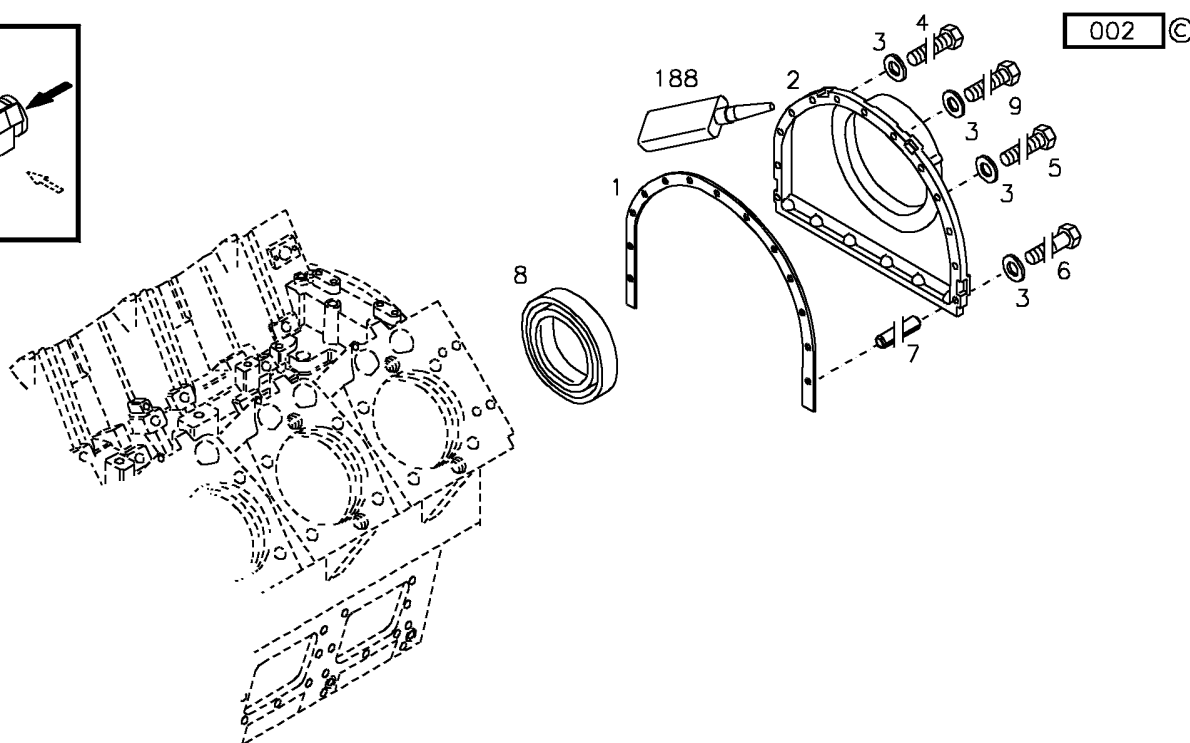
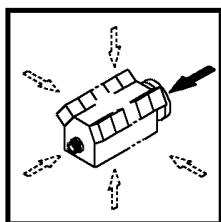
Equipment: Deutz **Engine type** TBD620V16

CG	ETL-No.	Designation (en)
37		Cooling water pump
37	05085412A	Cooling water pump
37	05085617	Raw water pump
38		Water pipes
38	05085047	Cooling water line
38	05085095B	Cooling water line
38	05085096	Cooling water line
38	05085105A	Bracket
38	05085149	Cooling water line
38	05085392	Cooling water line
38	05085454	Raw water line
38	05085455	Raw water line
38	05085456	Raw water line
38	05085457	Raw water line
38	05085670	Cooling water line
38	05085733	Cover
38	ETL20071	Water connection
41		Exhaust manifold
41	05085394	Exhaust gas band
41	05085655	Exhaust pipe
41	05085672	Waste gate
41	05085732	Exhaust pipe
41	ETL20103	Sheeting/panelling
41	ETL20104	Turbocharger cover
43		Turbocharger
43	05085397	Accessories
43	05085724	Turbocharger
43	05085758	Turbocharger assy
44		Alternator/starter motor
44	05080861	Starter motor
44	05085761	Bracket
44	ETL01136	Extra parts for cg 44
47		Engine mounting, flexibl
47	05083207	Silentbloc

Equipment: Deutz **Engine type** TBD620V16

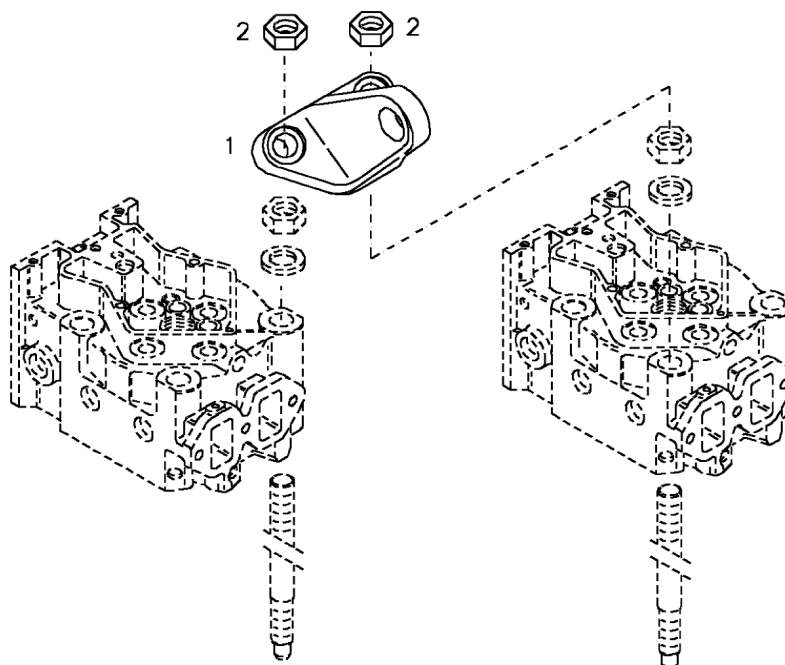
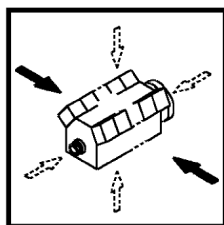
CG	ETL-No.	Designation (en)
48		Electrical accessories
48	05032942	Diff press monitor
48	05038150	Pressure switch
48	05084437	Switch mounting
48	05085117A	Monitoring
48	05085179	Switch mounting
48	05085237	Switch mounting
48	05085929	Electromagnet
48	ETL20111	Connecting box
48	ETL20112	Sensors
48	ETL20114	Local control unit
48	ETL20115	Speed pickup
48	ETL20117	Pressure transmitter
52		Clutch
52	05085451	Flywheel housing
57		V-belt guard
57	05085782	Protection
58		Intercooler
58	05085458	Cover
58	05085497	Cooler assembly
87		Charge air pipe
87	05081354	Intake manifold
87	05082252	Cover
87	05082282	Bush
87	05082748	Quick flap
87	05085071	Intake manifold
87	05085461	Balancing line
87	05085492	Air guidance
87	05085499	Air guidance
87	05085689	Change-over pipe
90		Set of parts
90	05070283	Cool.syst.protect.
90	05085908	Gasket set
90	ETL01133	Extra parts for CG 90
90	ETL20051	Upgrade package
90	ETL20094	Overhaul set cylinder head

ETL no.: 05081393A Crankc. end cover
Equipment: Deutz

Constr. Group: 1
Engine type: TBD620V16


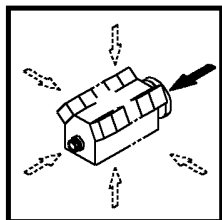
Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
1	12028085	1	ST	Gasket	
2	12027708	1	ST	Crankc. end cover	
3	01148124	12	ST	Plain washer	
4	01148233	3	ST	Hexagon bolt	
5	01148235	6	ST	Hexagonal bolt	
6	01111156	2	ST	Hexagon bolt	
7	01176661	2	ST	Straight pin	
8	12029427	1	ST	Rot.shaft lip seal	
9	01112339	2	ST	Hexagon bolt	
188	01016122	1	KG	Packing compound	

ETL no.: 05081398 Engine mounting
Equipment: Deutz

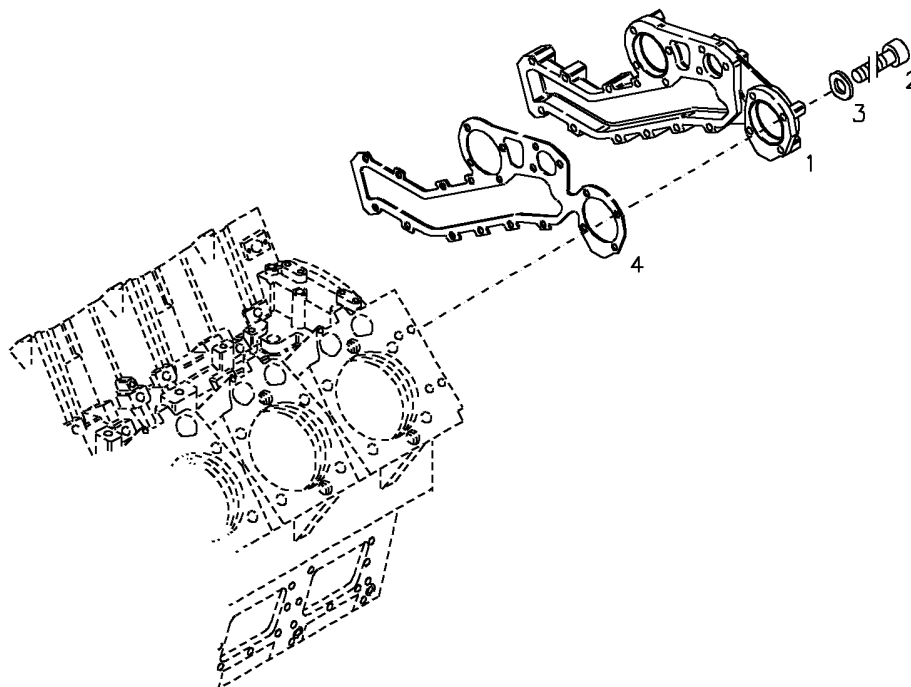
Constr. Group: 1
Engine type: TBD620V16


Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
1	12047245	1	ST	Engine mounting	
2	01113200	2	ST	Hexagon nut	

ETL no.: 05085033 Cover
Constr. Group: 1
Equipment: Deutz

Engine type: TBD620V16


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Item	Partno	Quantity	UnitOrd	Designation (en)	Remark
1	12304134	1	ST	Cover	
2	01144736	22	ST	Cheese head screw	
3	01107548	22	ST	Plain washer	
4	12304077	1	ST	Gasket	