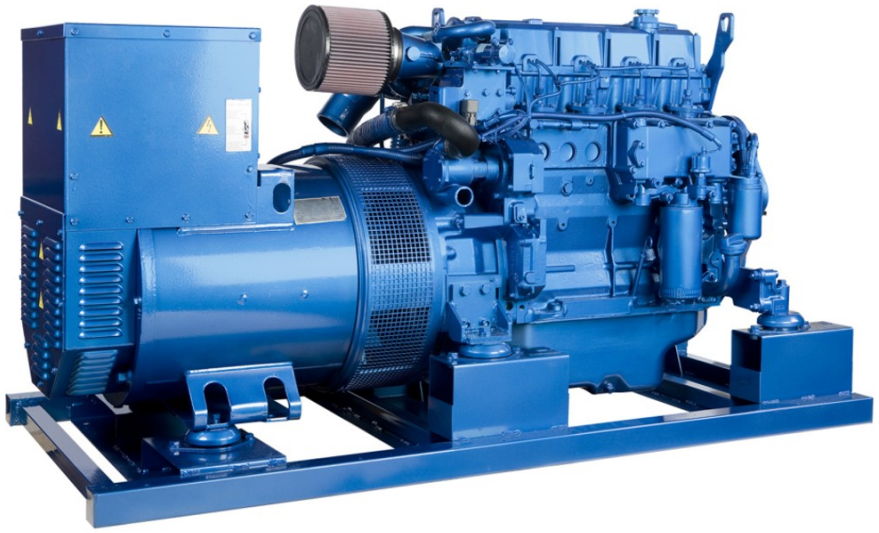
Genset 115 GT/GTC & 120 GTA/GTAC Type Approval Certificate

VERSION 2024-3

PART LIST



PARTS LIST CATALOGUE

NORMS TO PLACE AN ORDER

For fast and more efficient service, please specify the following information on spare parts or ders that must be preferably done by e-mail as specified below:

1- Engine model: As shown in identification plate

2- Engine serial number: As shown in identification plate and stamped on crankcase

3- Item description + part number + quantity required

Spare parts requests must be adressed to :

orders@solediesel.com

Telf.: +34 93 775 44 05

The components shown in the catalog have:

- Figure: Number by which they are represented in scheme
- Description: Trade name of the component
- Quantity: Total number of parts used in the assembly of the part represented (may differ from the total minimum quantities)

Hoses, indicates the total length in meters

The diagrams shown in this catalog of spare parts, have only the purpose to identify the piece in question, its representation is not meaningful and may differ from the actual piece.

In case of doubt, contact Solé Diesel, or your authorized dealer.

The parts i / or references in this catalog are subject to change without notice.

SOLÉ, S.A.

C-243b, km, 2 - P.O. BOX 25

08760 Martorell (Barcelona) Spain

Index

Engine Body
- Cylinder Head
- Rocker Cover & Breather
- Valve Drive
- Timing Parts
- Case,Gear
- Crankcase
- Flywheel Housing
- Piston & Connectiong Rod
- Crankshaft & Flywheel
- Oil Sysem
- Oil Pan
- Engine Brackets
- Cooler Assy,oil
- Drive Belt Guard for Genset without Canopy

Inlet & Exhaust
- Inlet
- Turbocharger
- Spare Parts, Turbocharger
- Manifold Assy,exhaust
- Breather Line

Cooling System
- Water Pump
- Cooler Pipes
- Water Cooler Assy SDZ-165/205/280
- Wet Exhaust
- Expansion Tank
- Key Pump SDZ-165/205/280 Gr-109/165

Fuel System
- Fuel Pipe And Fuel Leak Alarm
- Injection Nozzle
- Fuel Injection Pump
- Regulator
- Fuel Supply Parts
- Feed Pump

Electrical System
- 24V Electrical System
- Control Cabinets
- Genset Extension TAC

Genset Alternator Spare Parts
- Alternator 115 GT/GTC & 120 GTA/GTAC Parallel
- Spare Part List Alternator Type C 115GT Y 120 GTA
- Alternator Spare Parts TYPE B 115GT Y 100 GTA UP TO 29/12/2021
- Alternator Kit Without Canopy
- Alternator Kit with Canopy

Chassis Spare Parts
- Genset Chassis
- Chassis

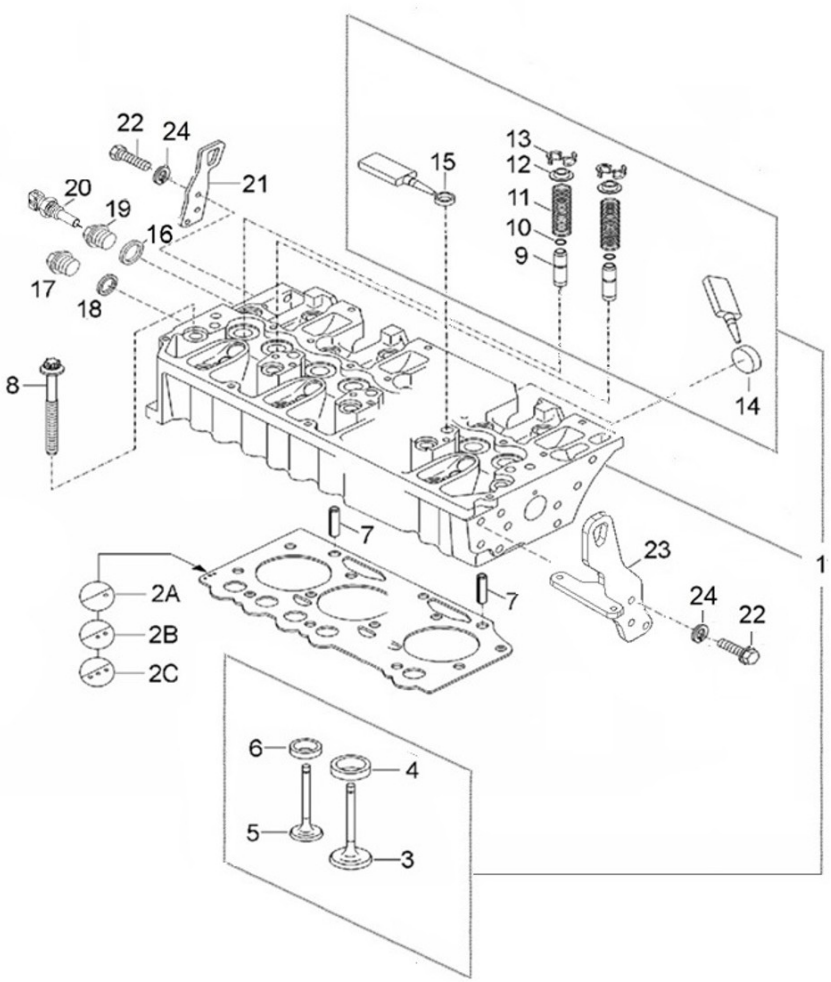
Canopy Spare Parts
- Cabin
- Kit Cabin

Maintenance Kit
- Gasket Kit
- Fuel Filter
- Hand Pump
- Pipe Rubber Set, Water Line
- Repair Kit Water Pump
- Special Tools 1/4
- Special Tools 2/4
- Special Tools 3/4
- Special Tools 4/4

Engine Body

D_SDZ109EGTDN_01_1 Cylinder Head

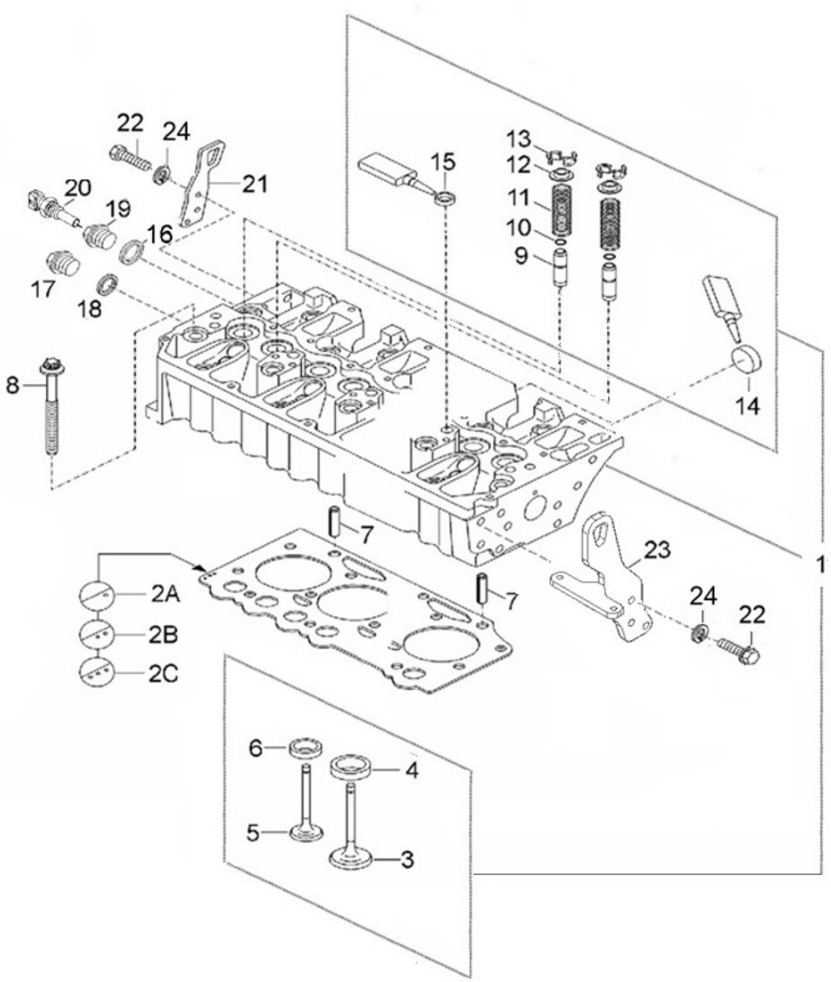
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19421001G	1	Cylinder Head			
2A	19421004.4	1	Cylind.head gasket			
2B	19421004.3	1	Cylind.Head Gasket 1,64 mm			
2C	19421004.5	1	Cylind.head gasket			
3	19522055	4	Intake Valve			
4A	19421061	4	Valve Seat INSERT			
4B	19421061.1	4	OverSIZE Valve Seat INSERT - 1ST			
4C	19421061.2	4	OverSIZE Valve Seat INSERT - 2nd			
5	19522056	4	Exhaust Valve			
6A	19421062	4	Valve Seat INSERT			
6B	19421062.3	4	Oversize Valve seat insert - 1A			
6C	19421062.4	4	Oversize Valve seat insert -2			
7	19421007	2	ClampING Bush			
8	19421005	18	Bolt,cylinder head			
9A	19421002A	8	Valve Guide			
9B	19421002.1	8	OverSIZE Valve Guide - 1ST			
9C	19421002.2	8	OverSIZE Valve Guide - 2nd			
10	19422054	8	O-Ring			
11	19422057	8	COMPRESSION Spring			
12	19422058	8	VALV.Spring RETAIN			
13	19422059	16	Valve COLLET			
14	19420011	2	Plug			
15	19421008	3	CORE Hole Plug			
16	19421019	1	SealING Ring			
17	19420071.1	1	Screw Plug			
18	19421016	1	SealING Ring			
19	19417003	1	Adapter Plug			
20	19427189.1	1	Temperature transmitter			
21	19410020	1	Bracket			
22	52102308	5	Bolt DIN 933 M10-25 8.8			
23	19414007	1	Bracket 2nd Filter			



Engine Body

D_SDZ109EGTDN_01_1 Cylinder Head

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
24	53033010	5	Washer GROWER DIN 127-10			
NS	19421017	1	SAFETY/LOCK.AGENT			

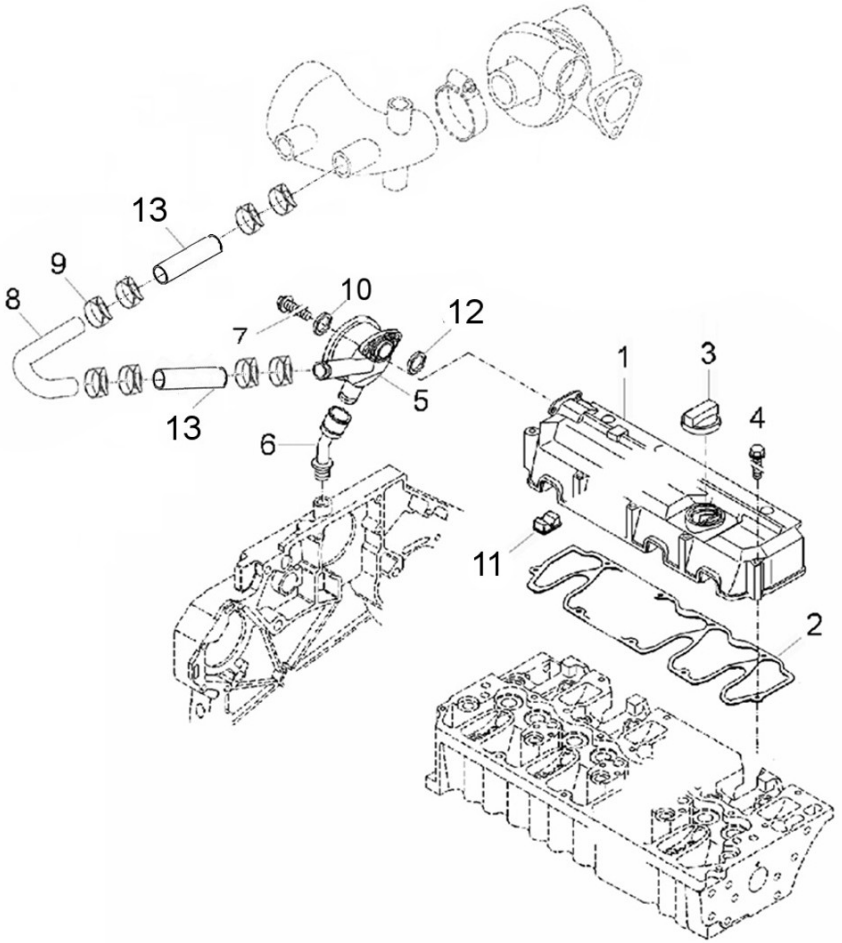


[NS] Not shown

Engine Body

D_SDZ165EGTDN_01_2 Rocker Cover & Breather

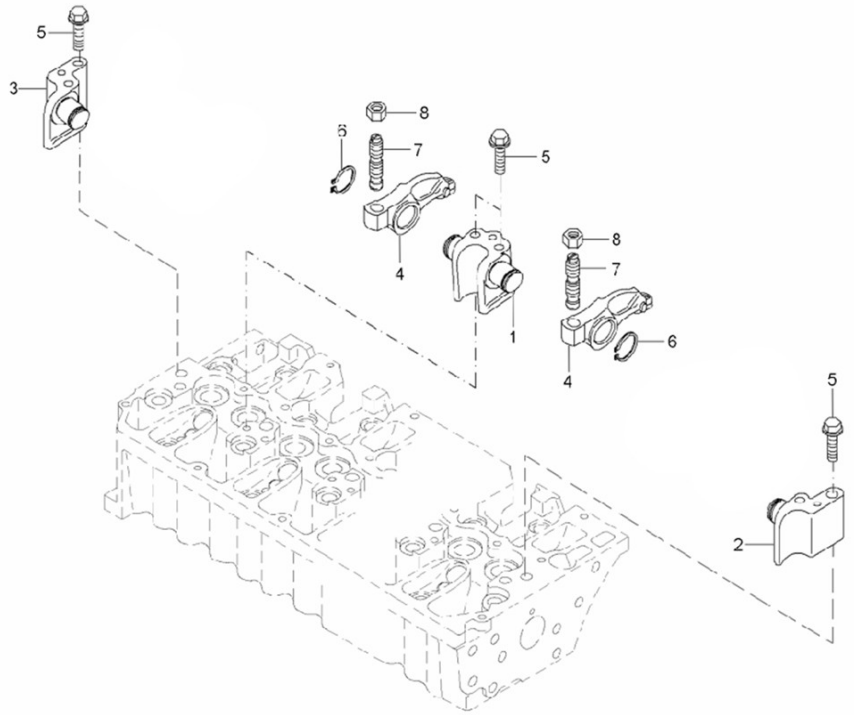
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19421009	1	Valve MECHAN.Cover			
2	19421010	1	Rocker Cover Gasket			
3	19421003	1	FILLER Cap			
4	19421012	4	HEXAGON Bolt			
5	19421051	1	Pressure REGULATO			
6	19421054	1	Rubber SLEEVE			
7	19621053	2	BOLT			
8	19411071	1	PIPE D.22			
9	54081020	8	Clamp DIN 3017 20-32/9 W4			
10	19621056	2	WASHER			
11	19421011	1	Cap			
12	19421052	1	Gasket			
13	19411063	2	Rubber Hose D.22-32-70			



Engine Body

D_GJ01_1_3 Valve Drive

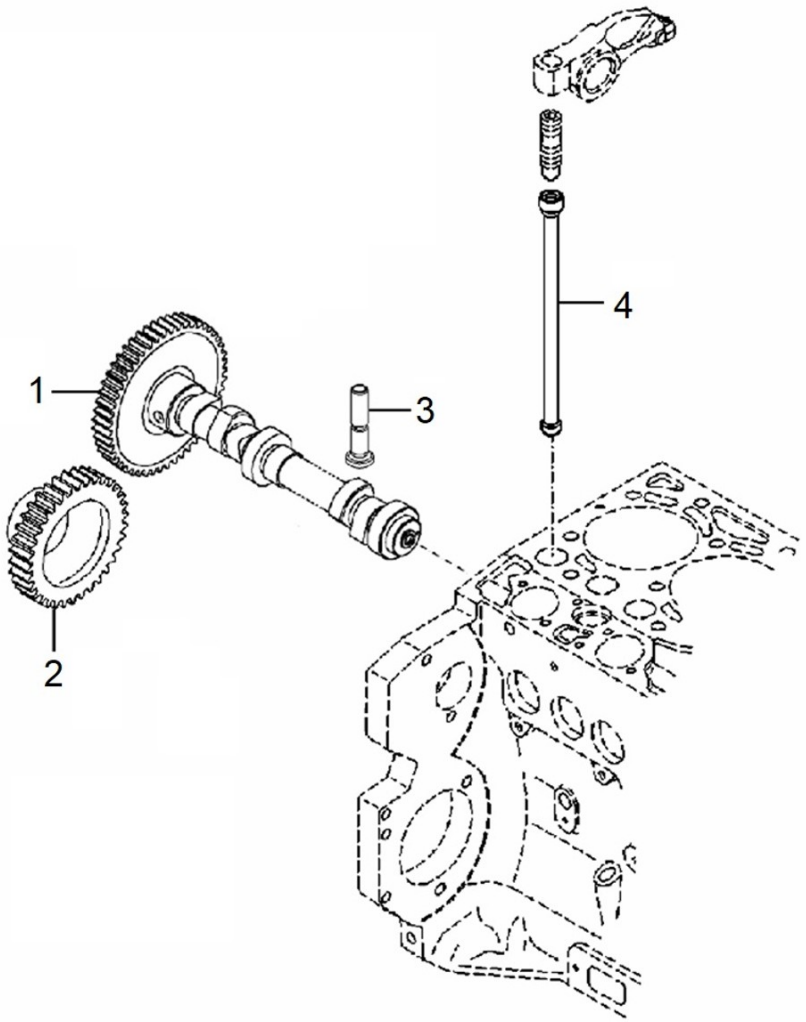
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19422045	3	Rocker ARM Bracket			
2	19422045.1	1	Rocker ARM Bracket			
3	19422045.5	1	Rocker arm bracket			
4	19422042	8	Rocker ARM			
5	19422053	10	HEXAGON Bolt			
6	19422047	8	CIRClip			
7	19622044	8	Screw Adjusting			
8	19422052	8	Nut			



Engine Body

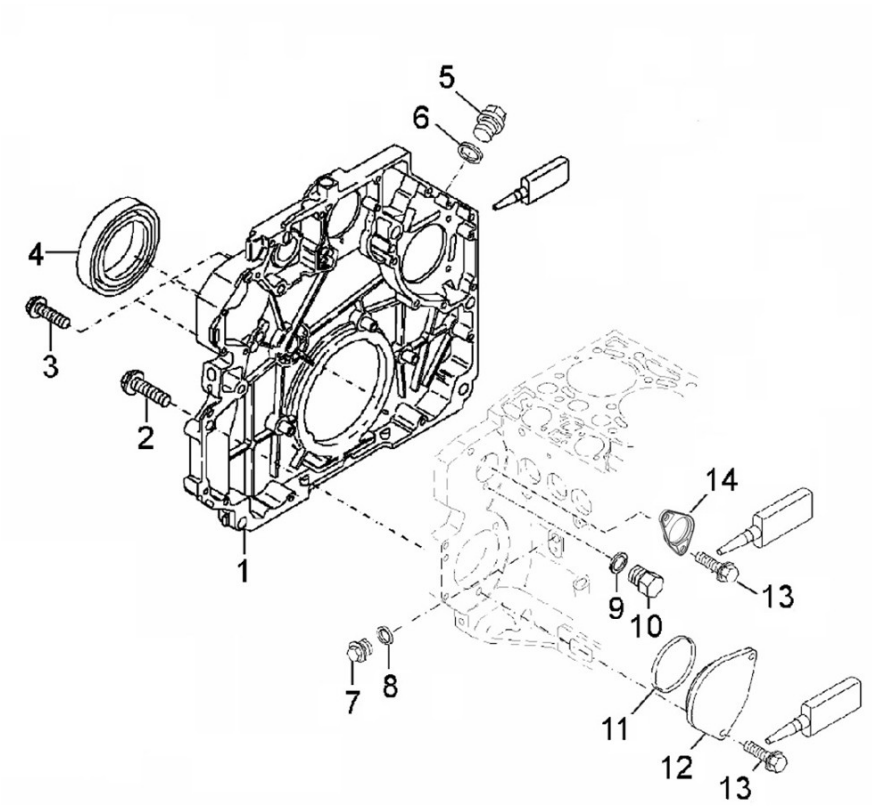
D_SDZ165EGTDN_01_4 Timing Parts

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19422035G.2	1	Camshaft			
2	19421124	1	Toothed Gear			
3	19422061	2	Tappet			
4	19422041	2	PUSHROD			



Engine Body

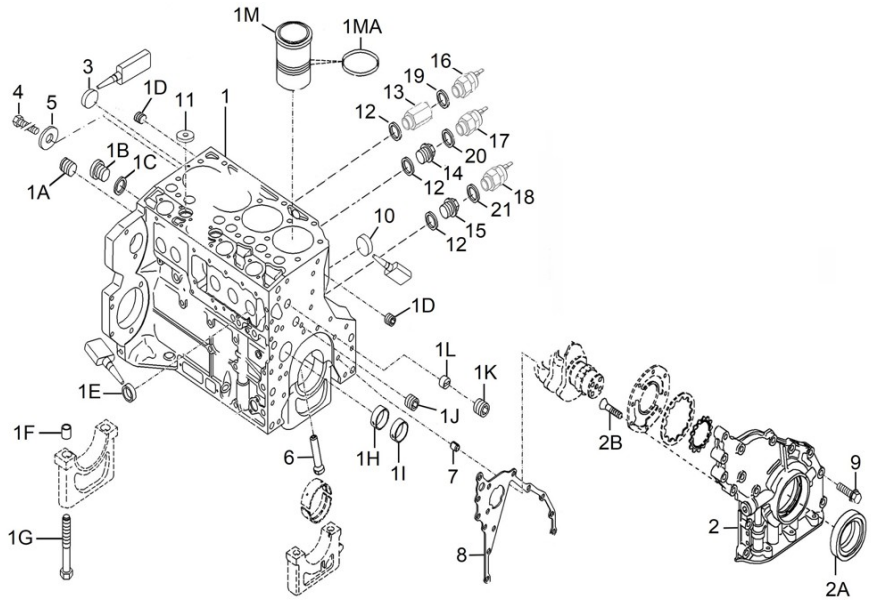
D_SDZ109EGTDN_01_5			Case,Gear			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19420055.2	1	Gearcase			
2	19420027	12	Screw			
3	19421144	6	Hexagon Bolt			
4	19420039.1	1	ROT.Shaft LIP Seal			
5	19421020	1	Screw Plug			
6	19421116	1	SealING Ring			
7	19420071.1	1	Screw Plug			
8	19420059G	1	SealING Ring			
9	19424087	1	SealING Ring			
10	19421023	1	Screw Plug			
11	19420226	1	O-Ring D. 100X4			
12	19420225.1	1	Cover			
13	19620010	4	Hexagon Bolt			
14	19620009	1	Cover			



Engine Body

D_SDZ165EGTDN_01_6 Crankcase

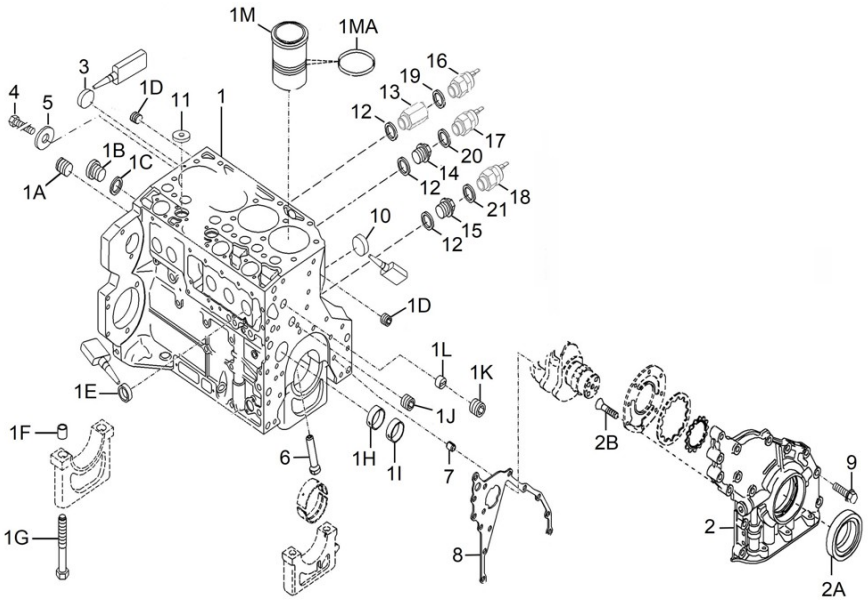
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19420001G	1	CRANKCase			
1A	19420073	1	Screw Plug			
1B	19420063.1	2	Screw plug			
1C	19420064	4	SealING Ring			
1D	19420067.3	2	Screw plug			
1E	19420070	6	CORE Hole Plug			
1F	19420062	10	Bush			
1G	19420061	10	Screw			
1H	19420069	1	Bearing Bush			
1I	19420068	4	Bearing Bush			
1J	19420082	1	Screw Plug			
1K	19420075	1	Screw Plug			
1L	19420072	1	Guide SLEEVE			
1M	19420050G	4	Cylinder Liner			
1MA	19420074	8	O-Ring D. 115X3			
2	19420025.2	1	Front cover			
2A	19420008	1	ROT.Shaft LIP Seal			
2B	19420009.2	8	C.sunk head screw			
3	19427163	1	Cover			
4	19427165.1	1	Hexagon bolt			
5	19427164	1	Plain Washer			
6	19420034.2	4	Piston cool.nozzle			
7	19420028	1	ClampING Bush			
8	19420026.2	1	Gasket			
9	19420027	14	Screw			
10	19420180	1	CORE Hole Plug			
11	19420215	1	Plug			
12	56000020	3	Washer 14,3-22-1			
13	19417030	1	Conversion Adapter G1/2 A M14X1.5			
14	19417028	1	Conversion Adapter			
15	19417029	1	Conversion Adapter			



Engine Body

D_SDZ165EGTDN_01_6 Crankcase

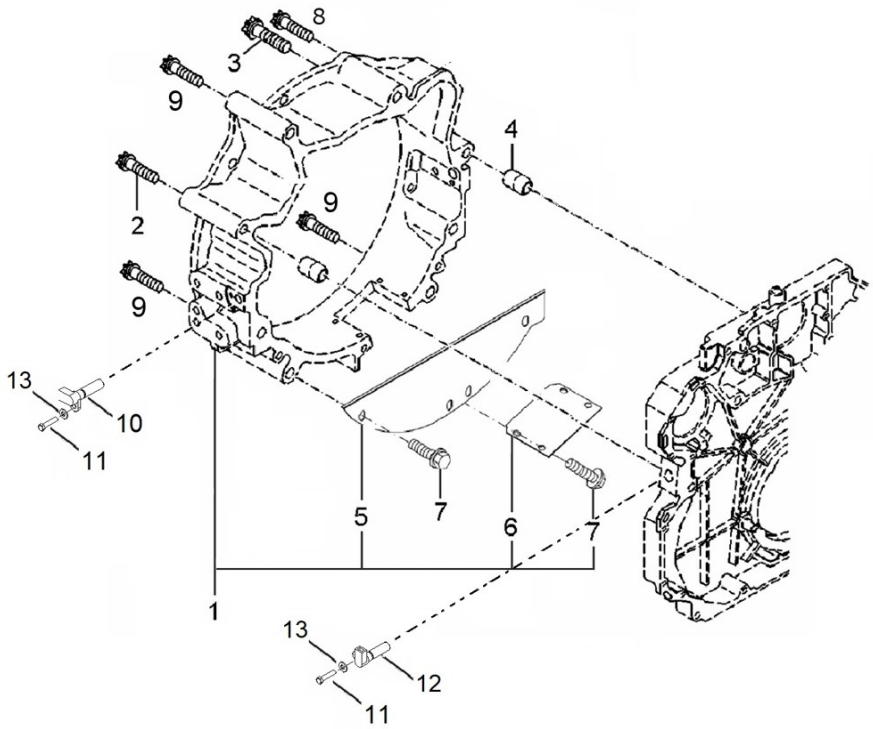
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
16	60994075	1	Temperature Sensor			
17	60994076	1	Marine Approved Pressure Transmitters			
18	60994073	1	Compact Pressure Switch			
19	56000083	1	Washer 21-26-1,5			
20	56000068	1	Washer 13,5-20-1,5			
21	56000069	1	Washer 14-20-1,5			



Engine Body

D_SDZ165EGTDN_01_7 Flywheel Housing

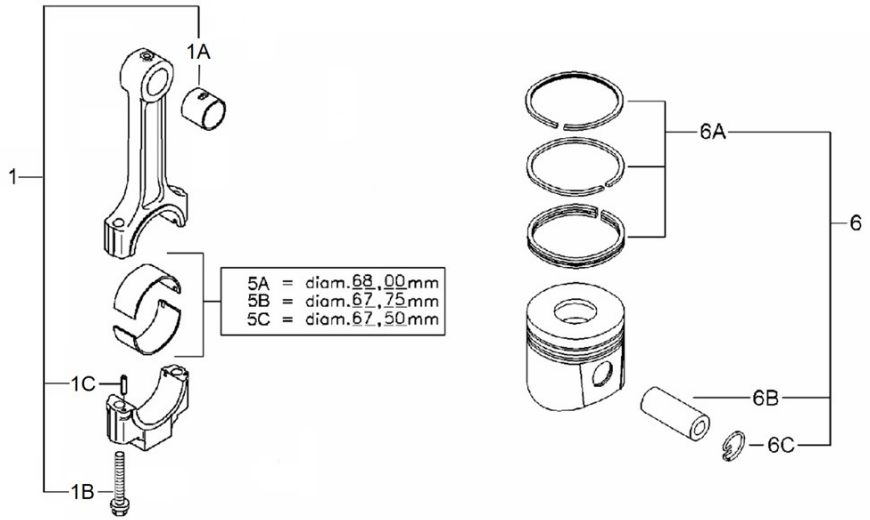
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19420211G.1	1	Connection Housing			
2	19420204G	1	Bolt			
3	19420203	1	Bolt			
4	19421007	2	ClampING Bush			
5	19420213	1	Cover			
6	19420205	1	Cover			
7	19428054	7	Screw			
8	19420204	1	Bolt			
9	19420203G	3	Bolt			
10	60994078	1	Magnetic Speed Sensor			
11	52102155	2	Bolt DIN 933 M6-12 8.8			
12	19427188	1	Impulsetransmitter			
13	51030006	2	Washer DIN 125-6			



Engine Body

D_SDZ165EGTDN_01_8 Piston & Connectiong Rod

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19422012	4	Connecting Rod			
1A	19422033	4	BIG END Bush			
1B	19422013	8	Bolt,connecting rod			
1C	19422009	8	ClampING Bush			
5A	19422014	4	BIG END Bearing Std.			
5B	19422015	0	BIG END Bearing -0,25	#		
5C	19422016	0	BIG END Bearing -0,50	#		
6	19422001G.1	4	Piston			
6A	19422006G.1	4	Set of Pist. Rings			
6B	19422011.1	4	Piston Pin			
6C	19422010	8	CIRClip			

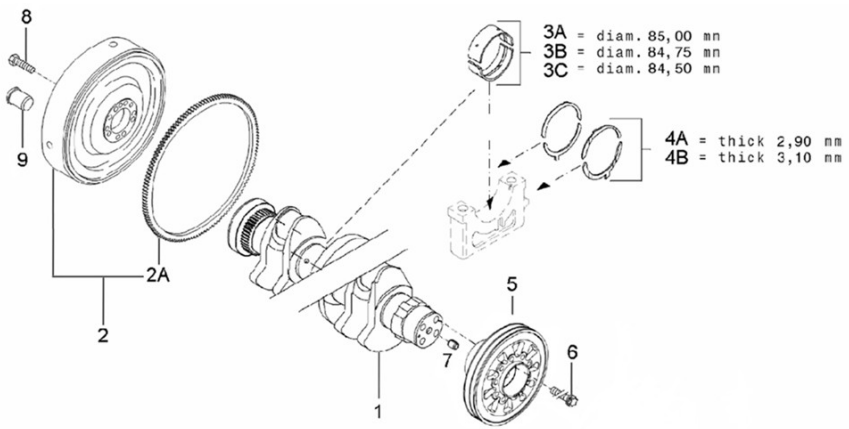


[VAR] - Variable according to repair

Engine Body

D_GJ01_1_9 Crankshaft & Flywheel

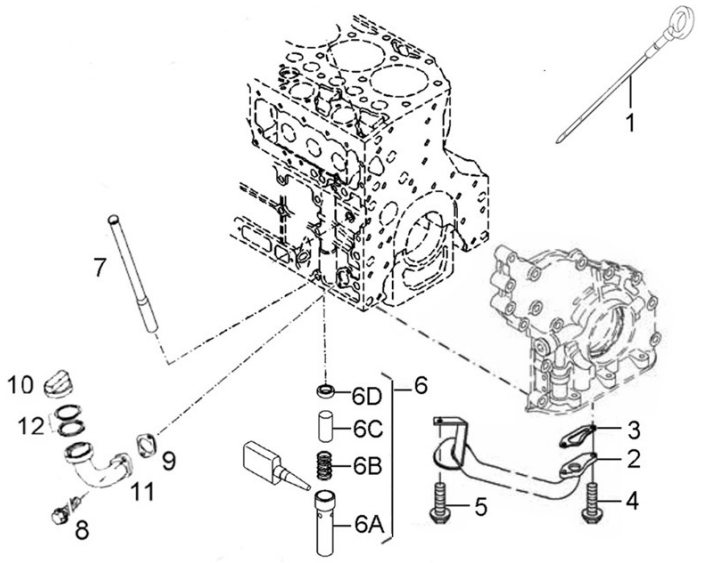
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1A	19422018.1	1	CrankShaft			
1B	19422018	1	CrankShaft			
2	19422027G.1	1	Flywheel			
2A	19422029	1	Gear RIM			
3A	19420003	5	Bearing Set STD.			
3B	19420004	0	Bearing Set -0,25	#		
3C	19420005	0	Bearing Set -0,50	#		
4A	19420109	10	THRUST Washer Std.			
4B	19420105	10	THRUST Washer			
5	19422024G	1	Pulley CrankShaft			
6	19422026.1	4	HEXAGON Bolt			
7	19422036	1	ClampING Bush			
8	19422031G	9	HEXAGON Bolt			
9	19422037	4	Plug			



[VAR] - Variable according to repair

Engine Body

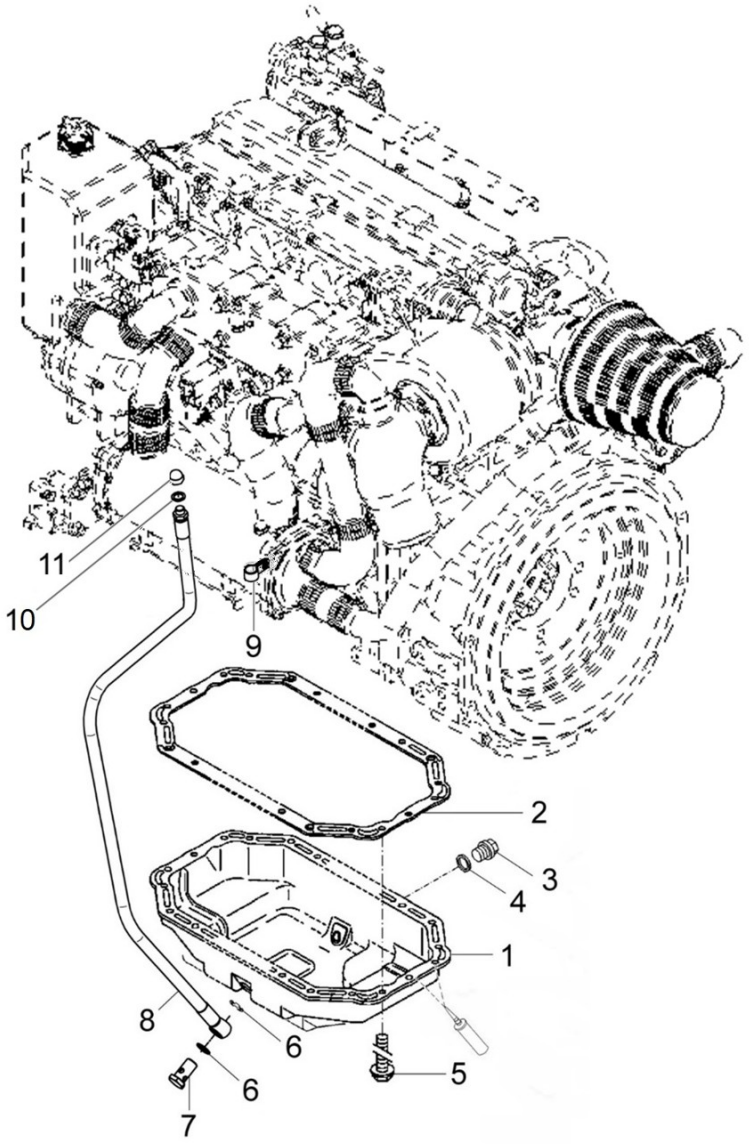
D_GJ01_1_10			Oil Sysem			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19420029G	1	Gauge Oil LEVEL			
2	19424052.1	1	Oil SUCTION Pipe			04/12/2019
3	19424056.1	1	Gasket			
4	19424006	2	HEXAGON Bolt			
5	19420036	1	Screw			
6	19420040	1	Valve Assy			
6A	19420043	1	SLEEVE			
6B	19420041	1	COMPRESSION Spring			
6C	19420042	1	Valve Plunger			
6D	19420044	1	Ring			
7	19620027	1	Guide Tube			
8	19420163	2	Screw			
9	19421076	1	Gasket			
10	19421003	1	FILLER Cap			
11	19424016	1	Oil Filler Neck			
12	19424017	1	Repair Kit			



Engine Body

D_GJ01_1_11 Oil Pan

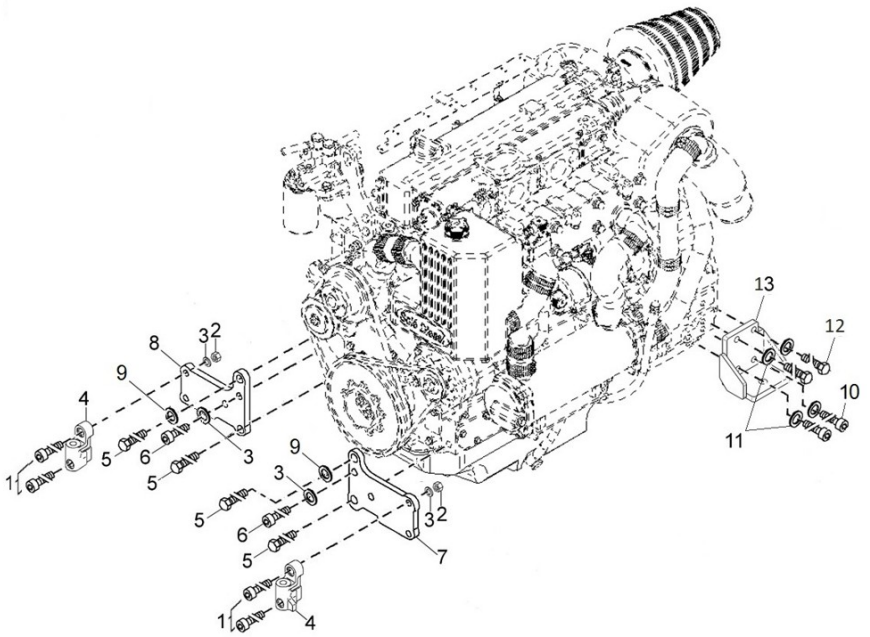
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19420030	1	Oil PAN			
2	19420033	1	Gasket			
3	19420031	1	Plug			
4	19420032.1	1	Gasket			
5	19420036	26	Screw			
6	56000077	2	Washer 18-23-1,5			
7	16514022	1	Coupling,screw 18x150			
8	19414021	1	Oil ExtraCTION Tube			
9	18014022	1	Bracket,pipe			
10	56000217	1	Washer 13-20-3			
11	16514020	1	Plug			



Engine Body

D_GJ01_1_12 Engine Brackets

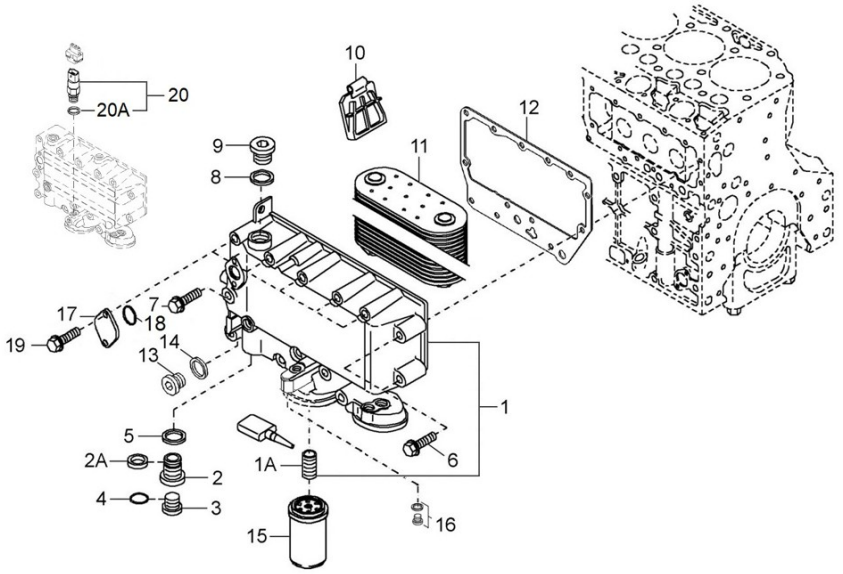
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	52101365	4	Bolt DIN 931 M12-60 8.8 CINCADO			
2	52120012	4	Nut DIN 934 M12 8.8			
3	51030012	4	Washer DIN 125-12			
4	19427023	2	MOUNTING FOOT			
5	19427024	4	Bolt			
6	52103361	2	Bolt DIN 912 M12-40 8.8			
7	19427019	1	Bracket			
8	19427022	1	Bracket			
9	19427041	4	Plain Whasher			
10	52103359	4	Bolt DIN 912 M12-30 8.8			
11	53033012	8	Washer Grower DIN 127-12			
12	52102359	6	Bolt DIN 933 M12-30 8.8			
13	60594020	2	REAR Bracket, Genset V.			



Engine Body

D_SDZ109EGTDN_01_13 Cooler Assy,oil

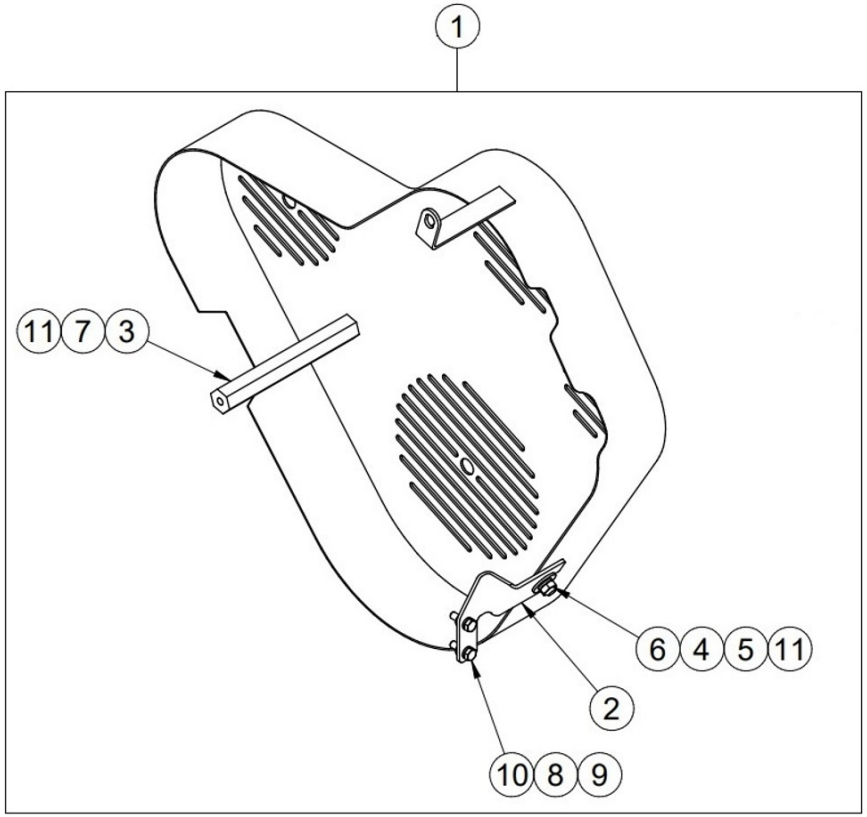
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19422110	1	Oil Cooler Box			
1A	19422114	1	Bush			
2	19422111	1	COLLAR Screw			
2A	19422115	1	SealING Ring			
3	19422112.1	1	Screw plug			
4	19422113	1	O-Ring			
5	19422118	1	SealING Ring			
6	19422120	3	HEXAGON Bolt			
7	19422124	10	HEXAGON Bolt			
8	19421019	1	SealING Ring			
9	19422125.1	1	Screw plug			
10	19422116	1	CORE Hole Plug			
11	19422117	1	Oil Cooler			
12	19424084	1	Gasket			
13	19424081.1	1	Screw plug			
14	19424082	1	SealING Ring			
15	19424051	1	Oil Filter Element SDZ 165/205/280			
16	19424088.1	1	Screw plug			
17	19422123G	1	BLANK Flange			
18	19422121	1	O-Ring			
19	19420036	2	Screw			
20	19427193	1	Pressure Sensor			
20A	19421016	1	SealING Ring			



Engine Body

D_SDZ109EGTDN_01_14 Drive Belt Guard for Genset without Canopy

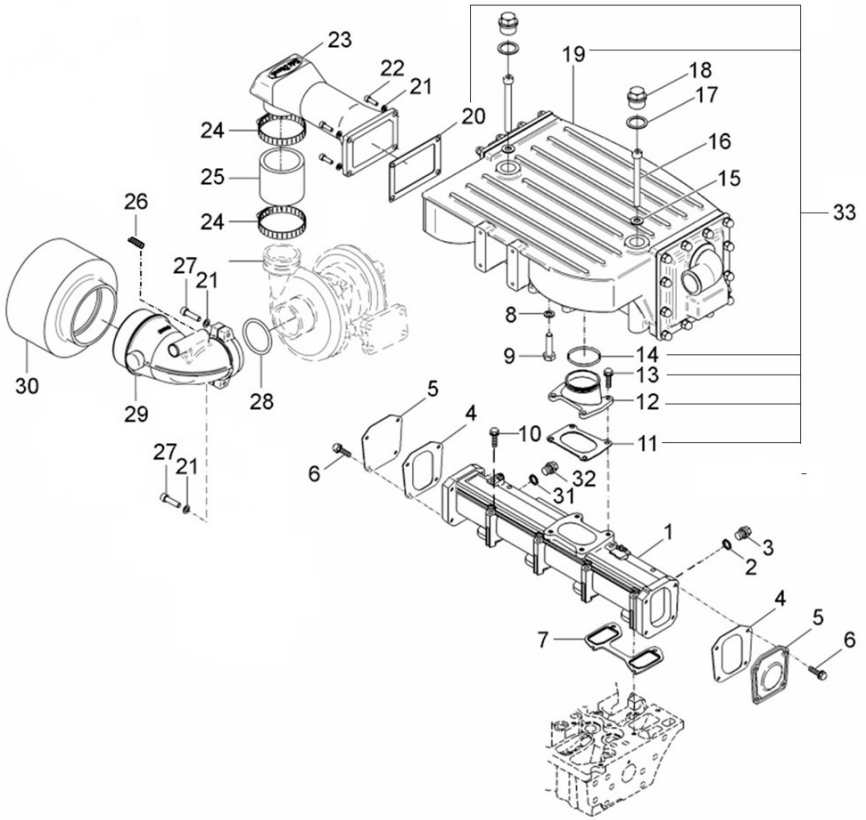
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19410029R	1	Belt Guard			
2	19410029.2P	1	Fixation Proteccion Painted			
3	19410029.3P	1	Spacer M8x155			
4	51031008	1	Washer DIN 9021 8			
5	51030008	2	Washer DIN 125-8			
6	52120008	1	Nut DIN 934 M8 8.8			
7	52102256	1	Bolt DIN 933 M8-16 8.8			
8	17617006	2	Spacer 6,5X12X5			
9	53033006	2	Washer GROWER DIN 127-6			
10	52102157	2	Bolt DIN 933 M6-20 8.8			
11	53033008	2	Washer GROWER DIN 127-8			



Inlet & Exhaust

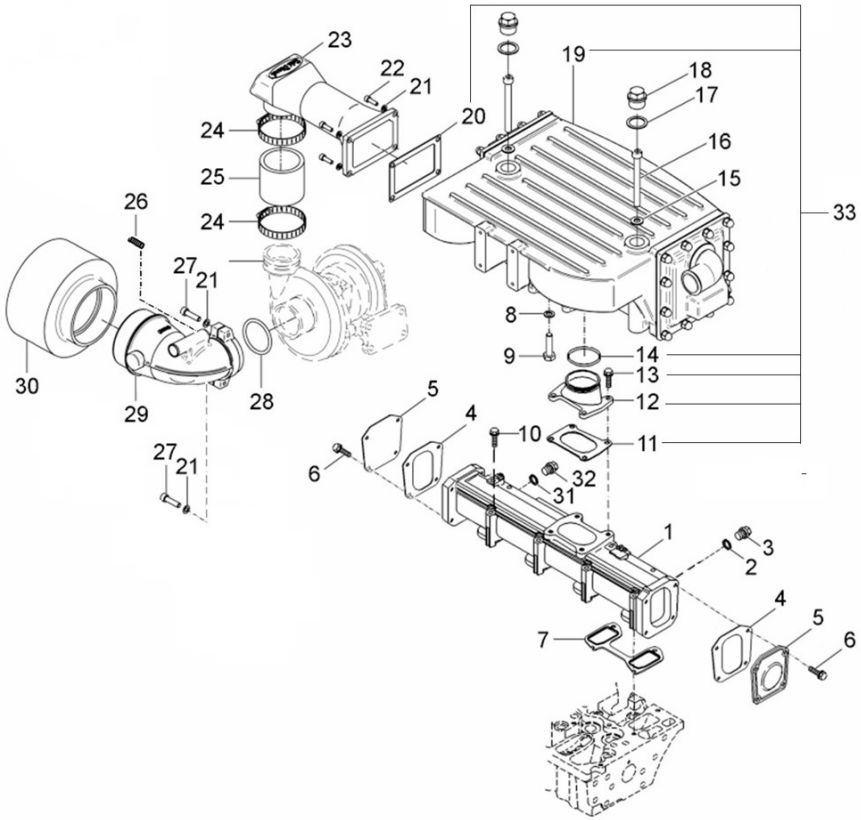
D_GI01_2_1 Inlet

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19421080	1	CHARGE Air Pipe			
2	19420059G	1	SealING Ring			
3	19420063	1	Screw Plug			
4	19421047	1	Gasket			
5	19421045	1	Cover			
6	19420036	8	Screw			
7	19421063	2	Gasket			
8	53033008	2	Washer GROWER DIN 127-8			
9	52101311	2	Bolt DIN 931 M10-40 8.8			
10	19421012	8	HEXAGON Bolt			
11	19421034	1	Gasket			
12	19410014	1	Adaptor			
13A	52102158	4	Bolt DIN 933 M6-25 8.8			
13B	51030006	4	Washer DIN 125-6			
13C	53033006	4	Washer GROWER DIN 127-6			
14	19421033	1	O-Ring D. 70X5 VITON			
15	56000061	2	Washer 10-16-1,5			
16	52103321.2	2	Bolt DIN 912 M10-92 8.8		07/09/2017	
16	52103322	2	Bolt DIN 912 M10-95 8.8			07/09/2017
17	56000093	2	Washer 26-34-1,5			
18	51218759	2	Bolt DIN 910 M26X1.5			
19	19410016PB	1	Intercooler Assy Paint			
20	LOCT5900.50	1	LOCTITE 5900 50ml			
21	53038008	6	Washer DIN 6798-A 8			
22	52103257	4	Bolt DIN 912 M8-20 8.8			
23	19410017	1	Turbocharger, Adaptor			
24	54083079	2	GP Clamp 68-73 W4 STC			
25	19410030	1	Hose			
26	52111157	1	ROD DIN 913 M6-20 8.8			29/07/2019
26	52111257	1	ROD DIN 913 M8-20 8.8		30/07/2019	
27	52103259	2	Bolt DIN 912 M8-30 8.8			



Inlet & Exhaust

D_GI01_2_1			Inlet			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
28	19410023G	1	O-Ring D. 78X4 VITON			
29	19410015G	1	Air Filter Nozzle Support			
30	19410032	1	Air Filter			
31	19424087	1	SealING Ring			
32	19421020G	1	Screw Plug			
33	19410016REC	1	Spare Intercooler Kit			
NS	17111060	1	Plate "SOLE Diesel"			
NS	17111063	2	Bolt			

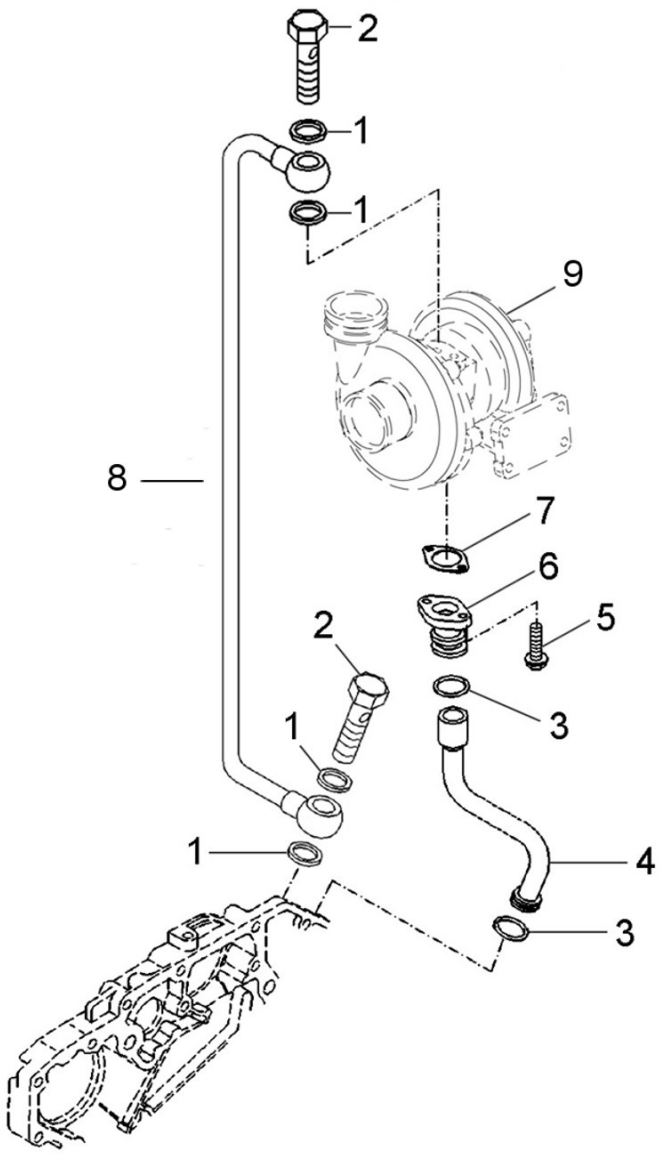


[NS] Not shown

Inlet & Exhaust

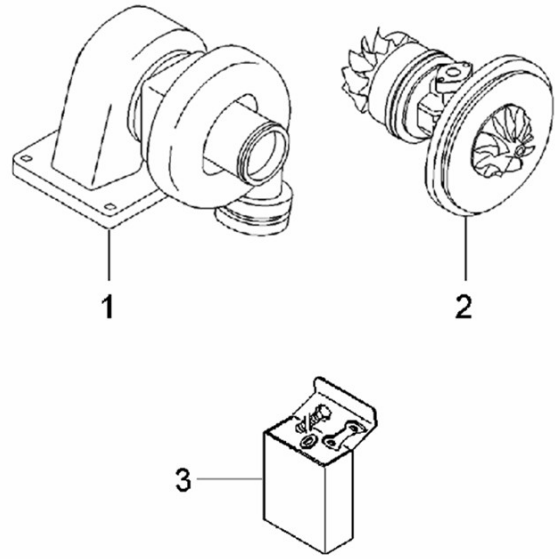
D_GI01_2_2 Turbocharger

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19421016	4	SealING Ring			
2	19424066	2	Screw			
3	19428063	2	SealING Ring			
4	19428010	1	Retur Line			
5	19420163	2	Screw			
6	19428011	1	Plug-in Flange			
7	19428062	1	Gasket			
8	19424090G.1	1	Lubrication Oil Line			



Inlet & Exhaust

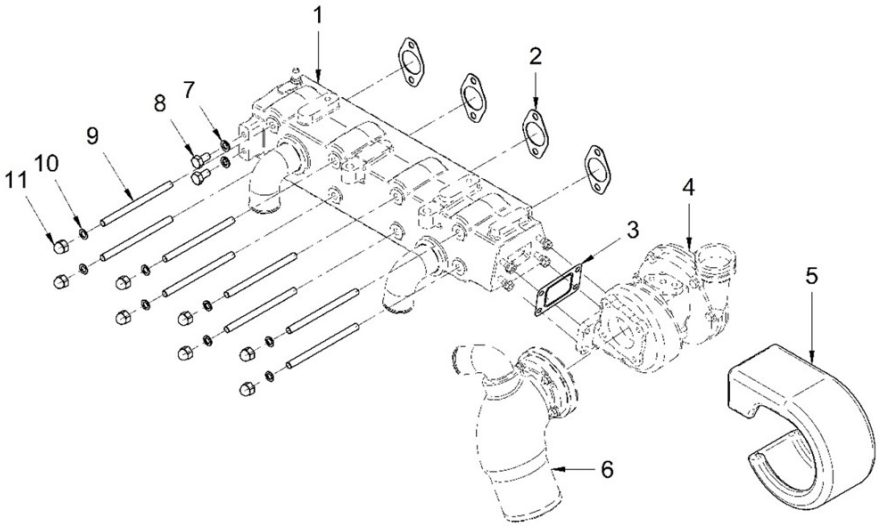
D_GI01_2_3			Spare Parts, Turbocharger			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19428012G.1	1	Turbocharger, Assy			
2	19428012.1A	1	CORE Assembly, TURBO			
3	19428012K	1	REPAir Kit, TURBO			



Inlet & Exhaust

D_SDZ165EGTDN_02_4 Manifold Assy,exhaust

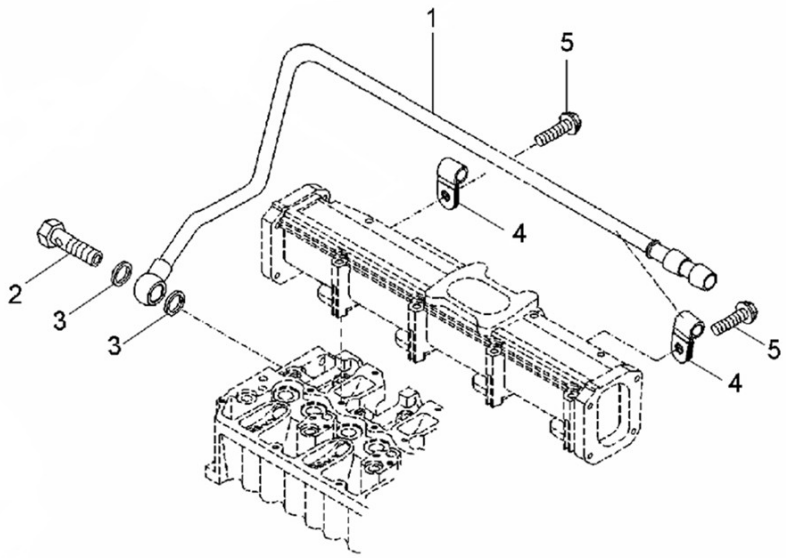
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19413000	1	MANIFOld,Assy			
2	19421181.2	4	Gasket			
3	19421183.3	1	Gasket			
4	19428012G.1	1	Turbocharger, Assy			
5	19418011	1	HEAT SHIELD TURBO DNV			
6	19413016	1	Elbow, WET Exhaust			
7	53033010	2	Washer GROWER DIN 127-10			
8	52102307	2	Bolt DIN 933 M10-20 8.8			
9	19413002	8	Stud			
10	56000061	8	Washer 10-16-1,5			
11	13511013	8	Nut DIN 1587 M10			



Inlet & Exhaust

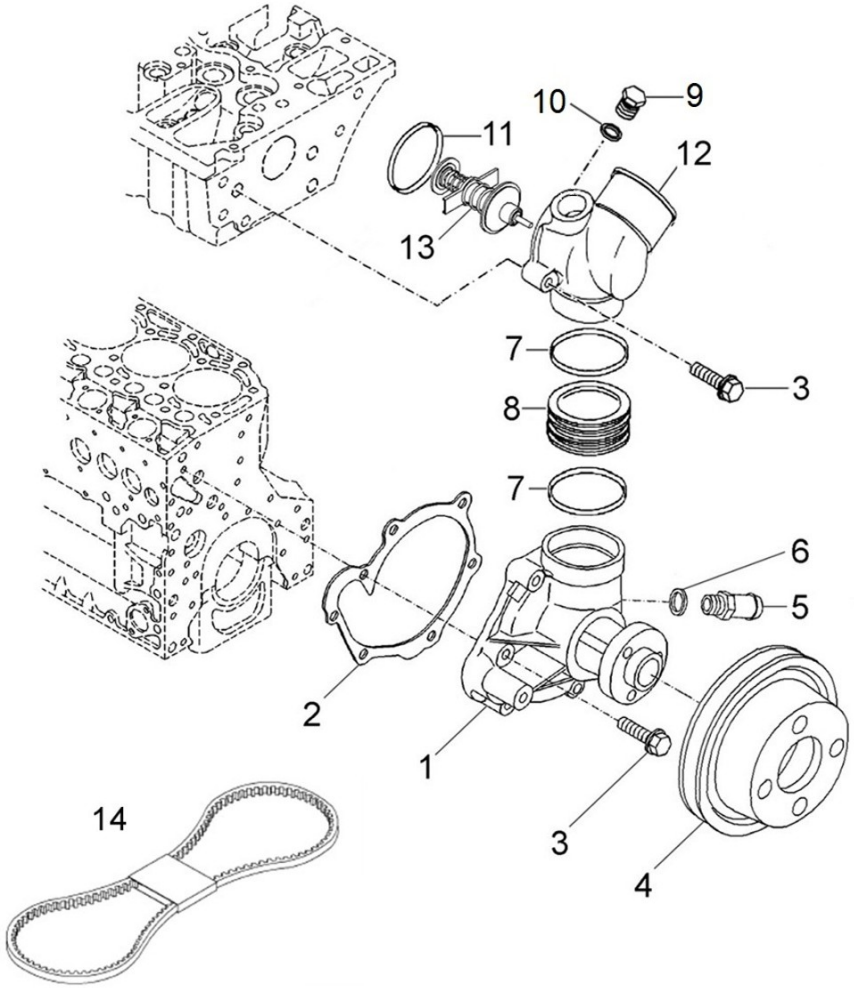
D_GJ01_2_5 Breather Line

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19421090.2	1	Breather Line			28/02/2020
2	19421091.1	2	Screw			
3	19424091	2	Retention Valve			
4	19428055	2	Pipe Clamp			
5	19428054	2	Screw			



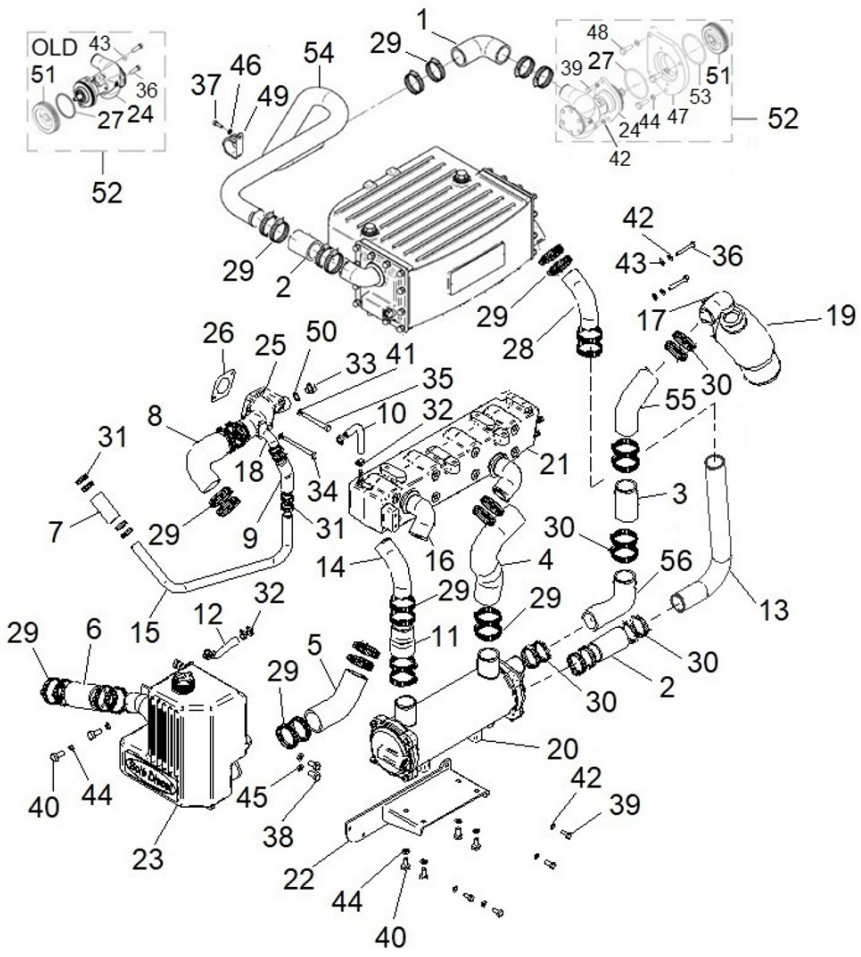
D_SDZ109EGTDN_03_1 Water Pump

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19421006	1	Fresh Water Pump			
2	19421040	1	Flat Gasket			
3	19420027	9	Screw			
4	19421094	1	Pulley			
5	19421089	1	Hose Connector			
6	19424064	1	SealING Ring			
7	19421044	2	O-Ring			
8	19421042	1	Plug			
9	19420165	1	VENT Plug			
10	57000361	1	Washer 10-14-1,5			
11	19421041	1	O-Ring			
12	19521093	1	Thermostat			
13	19521029	1	Thermostat			
14	17521028	1	Belt Type AX 45 1175			



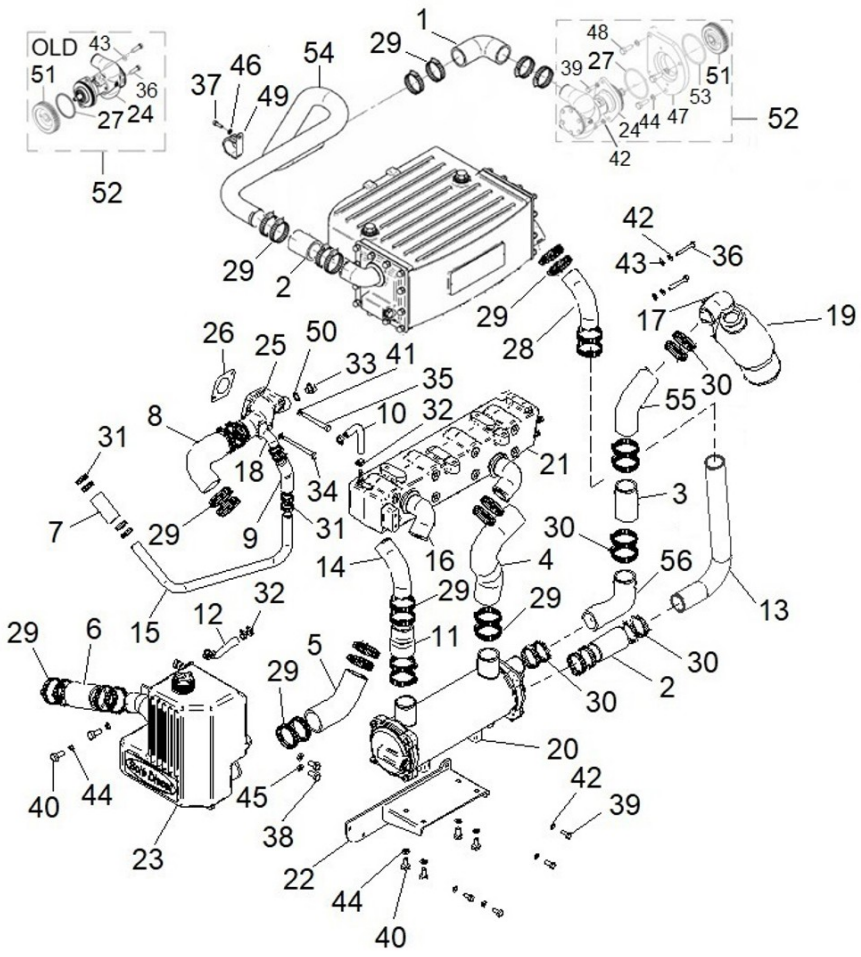
D_SDZ165EGTDN_03_2 Cooler Pipes

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19411015	1	Elbow			
2	19411061	2	Rubber Hose D.42-52-90			
3	19411069	1	Oulet/Exh. Branch			
4	19411058	1	Rubber Hose D.45-50			
5	19411055	1	RUBBER ELBOW D.45-48			
6	19411064	1	Rubber Hose D.48-55-90			
7	19411063	1	Rubber Hose D.22-32-70			
8	19411057	1	Rubber Elbow D.42-50			
9	19411056	1	RUBBER ELBOW D.20			
10	19411041	1	Purge Hose			
11	19411059	1	Rubber Hose D.42-50			
12	19411042	1	Hose			
13	19411073	1	PIPE D.42			
14	19411068	1	Tube			
15	19411072	1	PIPE D.22			
16	19111015	2	Elbow 90° 1 1/2"			
17	16511009	1	Elbow			
18	13211027	1	Water Inlet Bend			
19	19413016	1	Elbow, WET Exhaust			
20	19411000R	1	Water Cooler Assy SDZ-165/205/280			
21	19413000	1	MANIFOld,Assy			
22	19411014G	1	Refrigerator Support			
23	19411074	1	EXPANSIONTANK			
24	39411000	1	Key Pump SDZ-165/205/280 Gr-109/165			
25	19411011	1	Cooler Water Inlet BEND			
26	19411010	1	Gasket			
27	19420221	1	O-Ring D. 82X4 VITON			
28	19411066	1	RUBBER ELBOW D.42			
29	54082040	30	Clamp DIN 3017 40-60/12 W4			
30	54082032	14	Clamp DIN 3017 32-50/12 W4			
31	54081020	8	Clamp DIN 3017 20-32/9 W4			

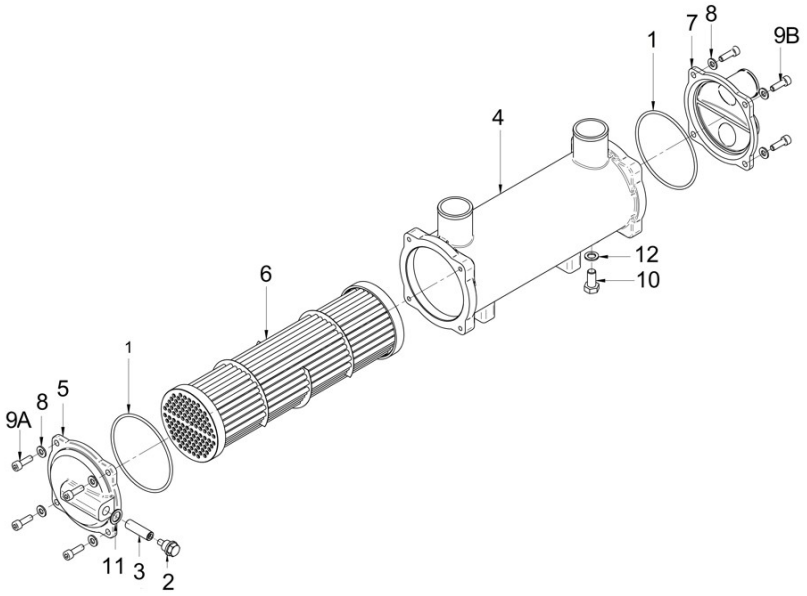


D_SDZ165EGTDN_03_2 Cooler Pipes

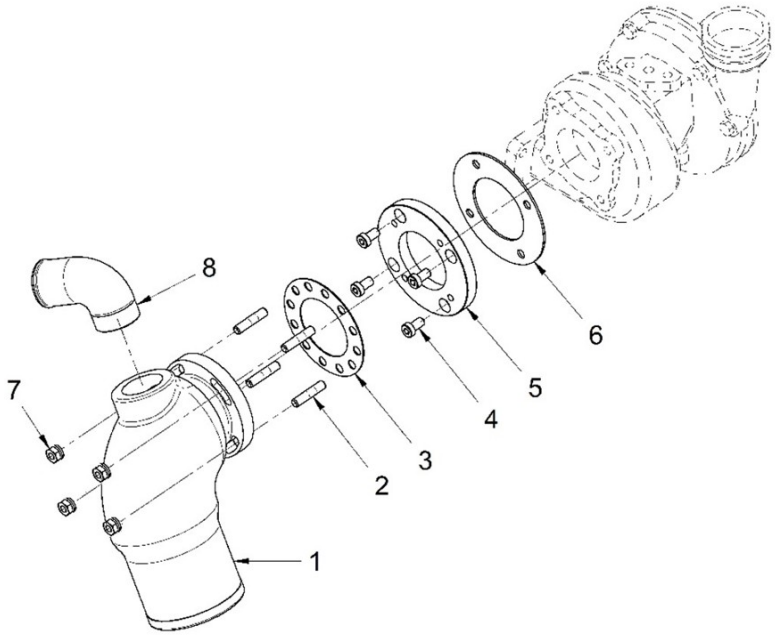
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
32	54081008	5	Clamp DIN 3017 8-16 W4			
33	12111076	1	Plug			
34	52101273	1	Bolt DIN 931 M8-100 8.8			
35	52101269	1	Bolt DIN 931 M8-80 8.8			
36	52101266	4	Bolt DIN 931 M8-65 8.8			
37	52102158	1	Bolt DIN 933 M6-25 8.8			
38	52102308	2	Bolt DIN 933 M10-25 8.8			
39	52102257	6	Bolt DIN 933 M8-20 8.8			
40	52102307	6	Bolt DIN 933 M10-20 8.8			
41	53038008	2	Washer DIN 6798-A 8			
42	53033008	8	Washer GROWER DIN 127-8			
43	51030008	4	Washer DIN 125-8			
44	53033010	9	Washer GROWER DIN 127-10			
45	53038010	2	Washer DIN 6798-A 10			
46	51030006	1	Washer DIN 125-6			
47	19610060	1	Pump Adaptor			
48	52102309	3	Bolt DIN 933 M10-30 8.8			
49	59071452	1	Clamp 1 42/15 W1			
50	56000073	1	Copper Washer 16-23-1,5			
51	19421124	1	Toothed Gear			
52	39411000A19	1	Key Pump SDZ-165/205/280 GR-109/165, KIT			31/12/2022
52	39411000A22	1	KEY PUMP SDZ-165/205/280 GR-109/165 (2022), Kit		01/01/2023	
53	19610021	1	O-Ring D. 90X4 VITON			
54	19411016	1	Pipe			16/02/2023
54	19411094	1	Pump Pipe D.42		17/02/2023	
55	19411062	1	RUBBER ELBOW D.42			
56	17411013	1	Thermostat Water Outlet Elbow			



19411000			Water Cooler Assy SDZ-165/205/280			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	16711007	2	O-Ring D. 116X4			
2	18011009	1	Anode Plug			
3	18011031	1	Engine Anode 45 mm M.8			
4	19411001	1	Body, Water Cooler			
5	19411003	1	Water Cooler Cover			
6	19411004	1	Tubular Bundle			
7	19411006	1	Water Cooler Cover			
8	51030008	8	Washer DIN 125-8			
9A	52103257	7	Bolt DIN 912 M8-20 8.8			
9B	52103258	1	Bolt DIN 912 M8-25 8.8			
10	54102356	1	Bolt DIN 933 M12-16 INOX.			
11	56000073	1	Copper Washer 16-23-1,5			
12	56000115	1	Washer 12-20-2			

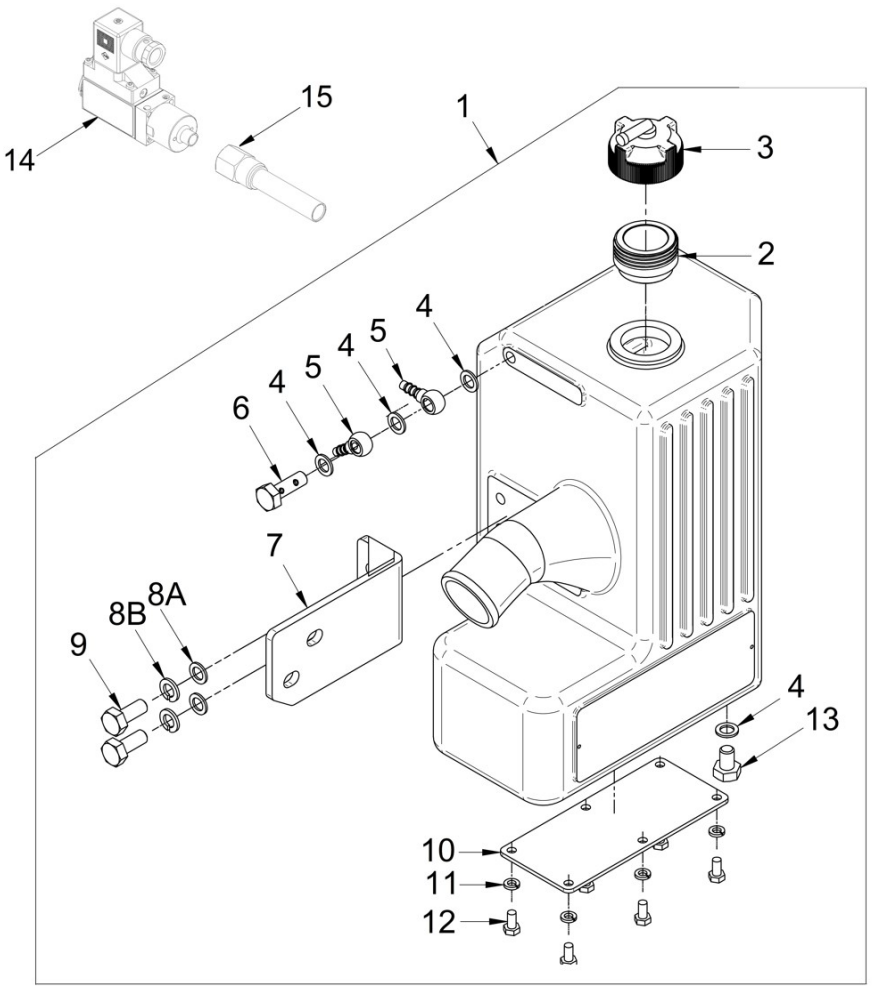


D_GJ01_3_3			Wet Exhaust			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19413016	1	Elbow, WET Exhaust			
2	19411028	4	Stud			
3	16513016	1	Exhaust Elbow Gasket			
4	52103256	4	Bolt DIN 912 M8-16 8.8			
5	19413014	1	Adaptor			
6	19413013	1	Gasket			
7	51125008	4	Nut Exhaust			
8	16511009	1	Elbow			

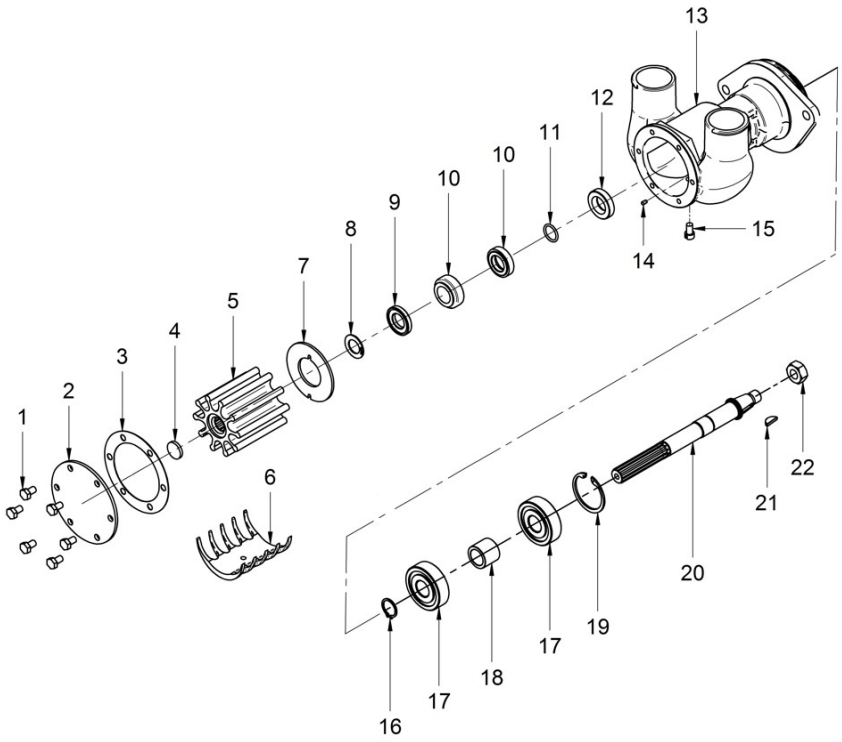


D_SDZ109EGTDN_03_5 Expansion Tank

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19411074	1	EXPANSIONTANK			
2	17411004	1	Adapter, MTA Cap			
3	13811010	1	Cap			
4	56000061	4	Washer 10-16-1,5			
5	17614016	2	COLLAR,Union			
6	19411040	1	1/8" GAS HOLLOW Screw			
7	19411009.2	1	Bracket			
8A	51030010	2	Washer DIN 125-10			
8B	53033010	2	Washer GROWER DIN 127-10			
9	52102307	2	Bolt DIN 933 M10-20 8.8			
10	18211002	1	Cover			
11	53033006	6	Washer GROWER DIN 127-6			
12	52102155	6	Bolt DIN 933 M6-12 8.8			
13	52102306	1	Bolt DIN 933 M10-15 8.8			
14	60994074	1	Thermostat			
15	60994077	1	Sensor Pocket for Temperature Switch			



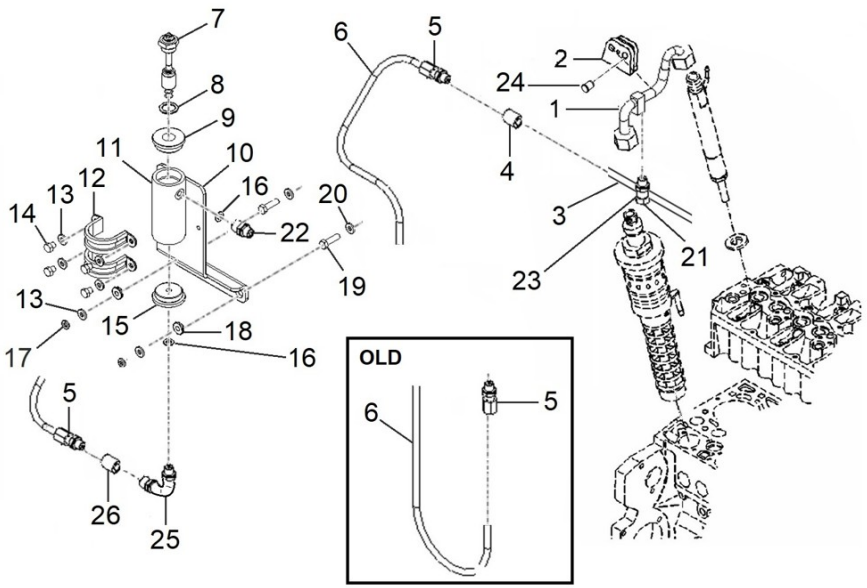
39411000			Key Pump SDZ-165/205/280 Gr-109/165			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	54102154	6	Bolt DIN 933 M6-10 INOX			
2	34711002	1	Cover Pump			
3	34711003	1	Gasket Cover			
4	34711041	1	Impeller Plug			
5	39411008	1	1" L.68 Impeller			
6	39411005	1	Cam			
7	34711026	1	Plate,Friction			
8	54040016	1	CIRClip E-16			
9	36511018	1	Washer,seal			
10	36511019	1	Seal			
11	33311013	1	O-Ring D. 15X2			
12	36511020	1	Seal 16-30-7			
13	39411001	1	Body,Water Pump			
14	36511017	1	Pin,Dowel			
15	54108154	1	Bolt DIN 84 M6-10			
16	53040017	1	Circlip DIN 471 E-17			
17	18017083	2	Ball Bearing 6303-RDD			
18	39411015	1	Separator Bearings			
19	53041047	1	CIRClip DIN 472 I-47			
20	39411010	1	Shaft			
21	35111035	1	KEY DIN 6888 3-6,5-16 INOX			
22	54121012	1	Nut DIN 439 M12			



Fuel System

D_SDZ109EGTDN_04_1 Fuel Pipe And Fuel Leak Alarm

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19524015RC	4	Double-sheathed Injection Tube			
2	19421018	4	Rubber Seal			
3	19424015R	1	Pipe			
4	19414029.1	1	Pipe 1/8-28 a 1/8NPT			
5	19414028	2	P-GEV 6LR 1/8			
6	19414038	1	Fuel Leak Pipe			
7	17517017.1	1	Fuel Leak Switch 24V			
8	56000086	1	Washer 22,3-29-1,5			
9	17517009.3	1	Cover, Upper			
10	19417009.5B	1	FUEL-LEAK BRACKET			
11	17517009.2	1	Tube			
12	59072482	2	Clamp 2 48/20 W1			
13	51030008	6	Washer DIN 125-8			
14	52102254	4	Bolt DIN 933 M8-10 8.8			
15	17517009.4	1	Lower cover			
16	56000061	2	Washer 10-16-1,5			
17	53033008	2	Washer GROWER DIN 127-8			
18	19417015	2	Bush			
19	52102257	2	Bolt DIN 933 M8-20 8.8			
20	19417039	2	Bakelite Bushing			
21	13114007	4	Banjo Short Bolt			
22	19414032	1	FITTING 1/8 - 3/8			
23	56000057	8	Washer 8-13-1,5			
24	19424068	4	Plug			
25	17712007	1	Elbow 1/8" GAS		02/08/2023	
26	17A14029	1	1/8-28 To M10 Threat Adaptator		02/08/2023	
NS	19424101	1	Spray stop kit			

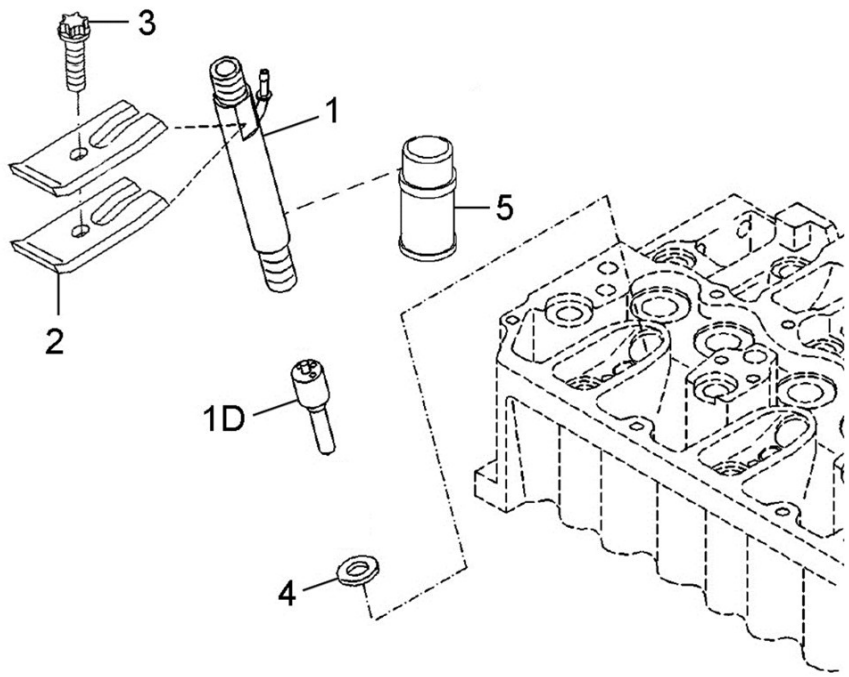


[NS] Not shown

Fuel System

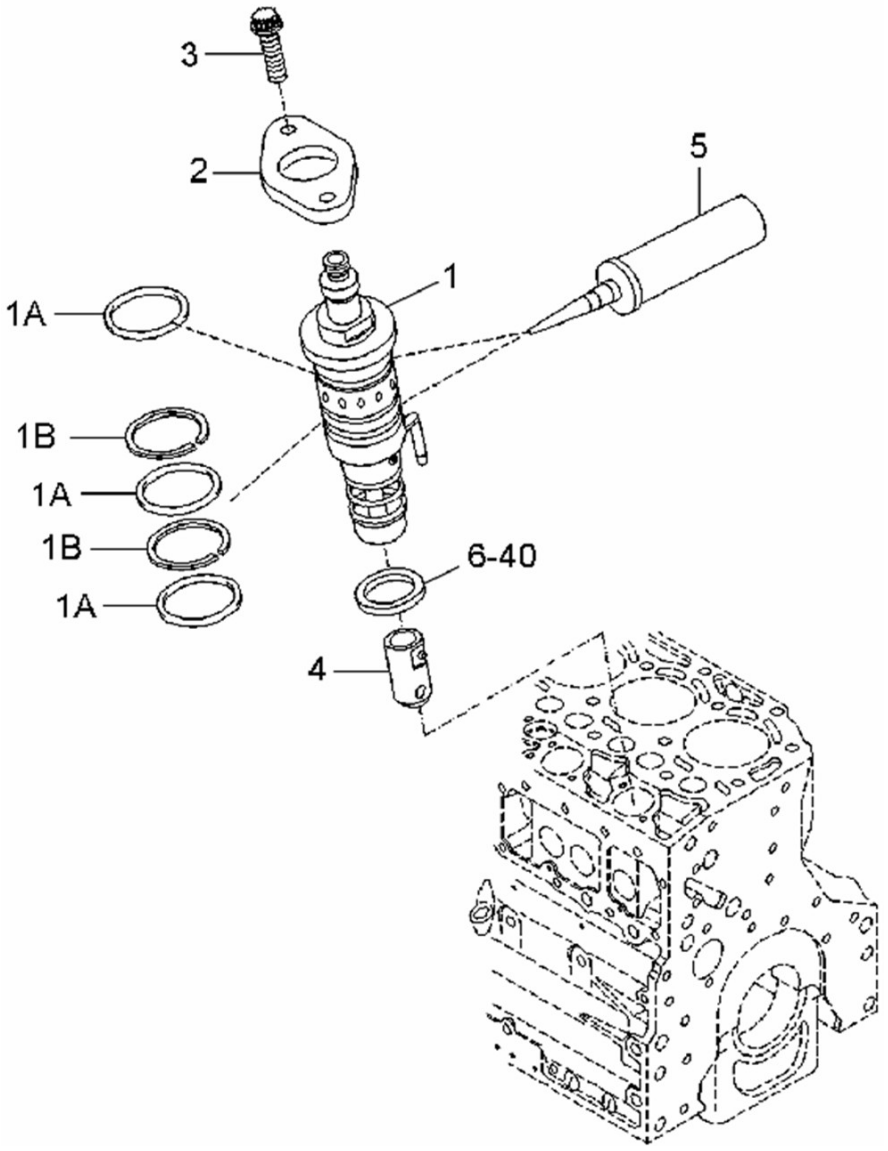
D_GI01_4_2 Injection Nozzle

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19626001	4	Fuel Injector			
1D	19426018G	4	Nozzle Element			
2	19426010	8	Flange			
3	19426011	4	Bolt			
4	19426012	4	SealING Ring			
5	19426013	4	ANTI-RUST AGENT			



D_GI01_4_3 Fuel Injection Pump

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19425001	4	Pump Assy,Fuel Injection			
1A	19425002	12	O-Ring D. 40X3,5			
1B	19425003	8	Shim			
2	19420110	4	Flange			
3	19420111	8	COLLAR Screw			
4	19420090	4	Roller Tappet			
5	19420113	1	Lubricant			
6	19420112	0	Washer 1,0mm	#		
7	19420114	0	Washer 1,1mm	#		
8	19420115	0	Washer 1,2mm	#		
9	19420116	0	Washer 1,3mm	#		
10	19420117	0	Washer 1,4mm	#		
11	19420118	0	Washer 1,5mm	#		
12	19420119	0	Washer 1,6mm	#		
13	19420120	0	Washer 1,7mm	#		
14	19420121	0	Washer 1,8mm	#		
15	19420122	0	Washer 1,9mm	#		
16	19420123	0	Washer 2,0mm	#		
17	19420124	0	Washer 2,1mm	#		
18	19420125	0	Washer 2,2mm	#		
19	19420126	0	Washer 2,3mm	#		
20	19420127	0	Washer 2,4mm	#		
21	19420128	0	Washer 2,5mm	#		
22	19420129	0	Washer 2,6mm	#		
23	19420130	0	Washer 2,7mm	#		
24	19420131	0	Washer 2,8mm	#		
25	19420132	0	Washer 2,9mm	#		
26	19420133	0	Washer 3,0mm	#		
27	19420134	0	Washer 3,1mm	#		
28	19420135	0	Washer 3,2mm	#		
29	19420136	0	Washer 3,3mm	#		

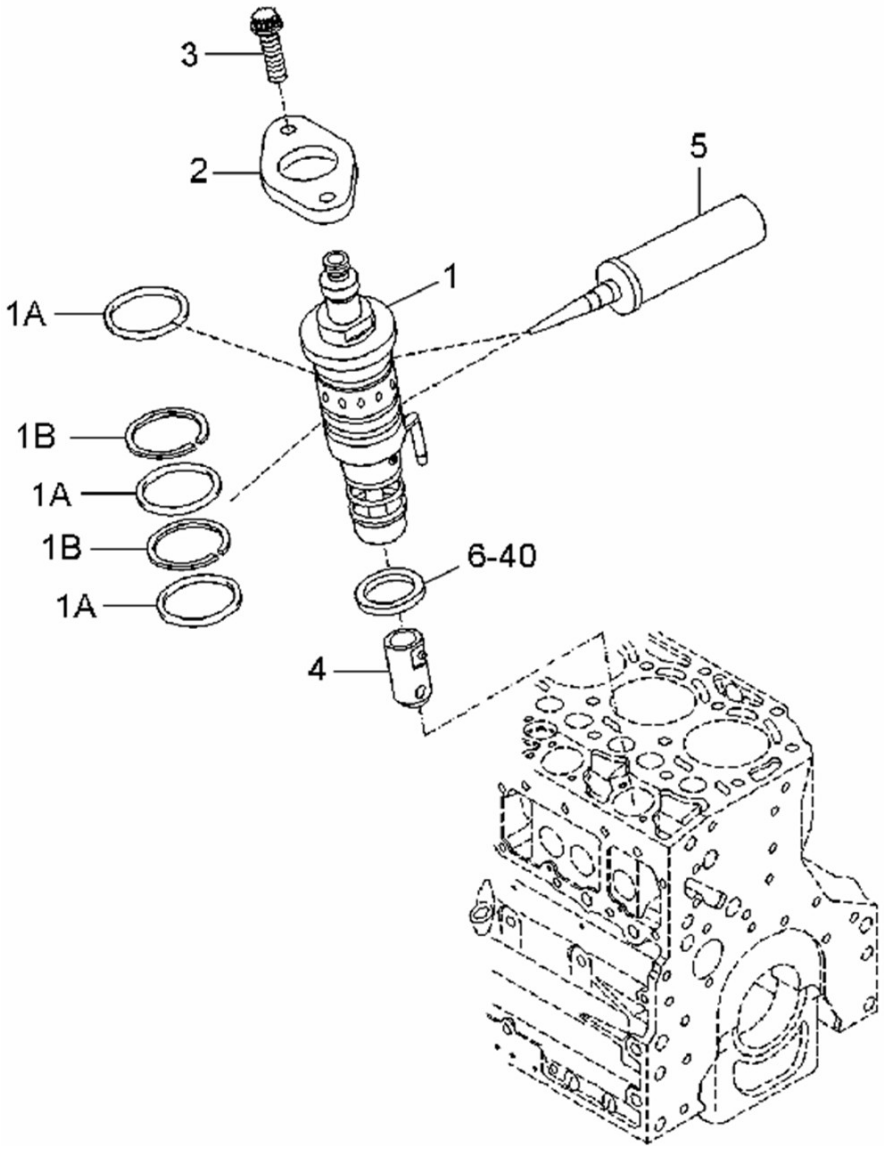


[VAR] - Variable according to repair

Fuel System

D_GI01_4_3 Fuel Injection Pump

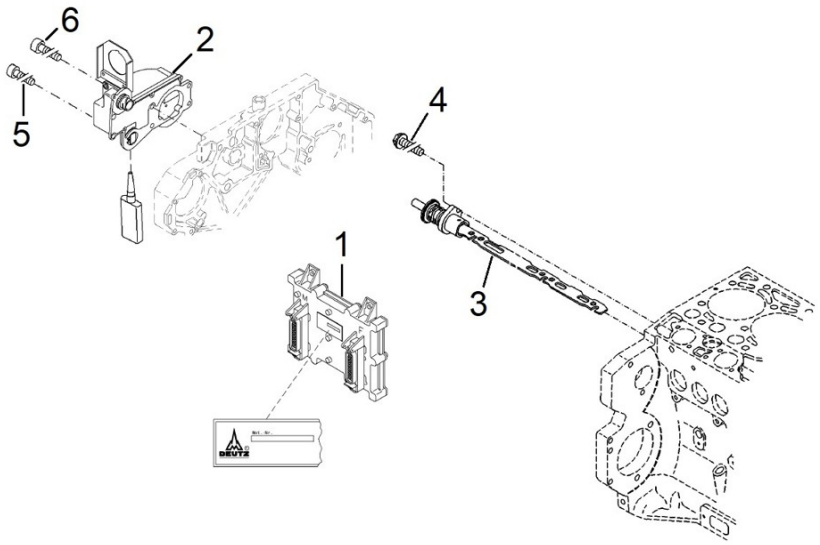
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
30	19420137	0	Washer 3,4mm	#		
31	19420138	0	Washer 3,5mm	#		
32	19420139	0	Washer 3,6mm	#		
33	19420140	0	Washer 3,7mm	#		
34	19420141	0	Washer 3,8mm	#		
35	19420142	0	Washer 3,9mm	#		
36	19420143	0	Washer 4,0mm	#		
37	19420144	0	Washer 4,1mm	#		
38	19420145	0	Washer 4,2mm	#		
39	19420146	0	Washer 4,3mm	#		
40	19420147	0	Washer 4,4mm	#		



[VAR] - Variable according to repair

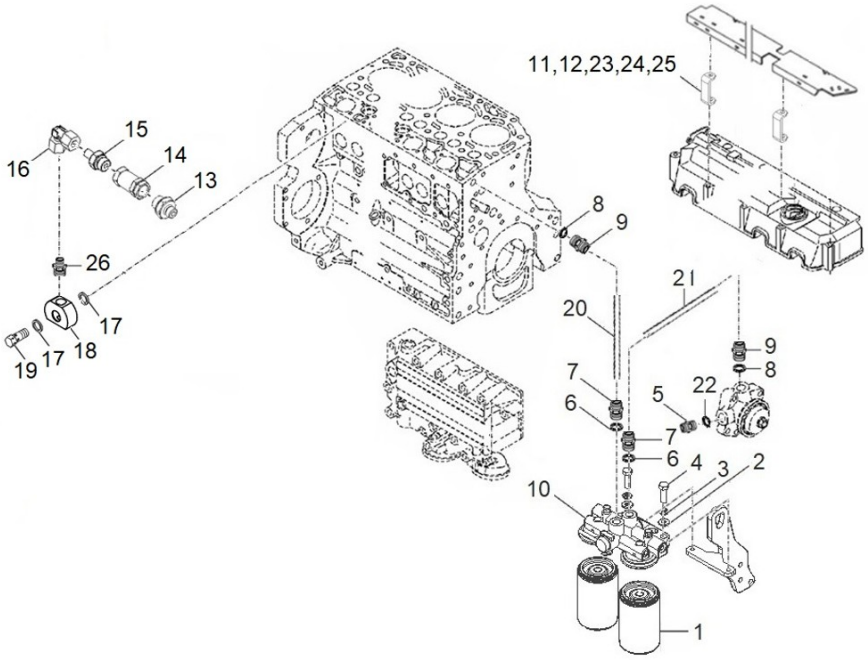
D_SDZ109EGTDN_04_4 Regulator

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19423019	1	ECU Group SDZ-109E EMR			
2	19427190	1	Actuator			
3	19423025	1	Control ROD			
4	19423026	1	HEXAGON Bolt			
5	19427154.1	3	Cheese head screw			
6	19427153.1	2	Cheese head screw			



D_SDZ165EGTDN_04_5 Fuel Supply Parts

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19424022	2	Fuel Filter Element SDZ-165/205/280			
2	51030010	2	Washer DIN 125-10			
3	53033010	2	Washer GROWER DIN 127-10			
4	52102310	2	Bolt DIN 933 M10-35 8.8			
5	19414023	1	Racord Fitting M-M 3/8"-M16x150			
6	57000378	2	Washer 18-24-1,5			
7	19414039	2	Racor Fitting Male M18x150-M20x150			
8	56000069	2	Washer 14-20-1,5			
9	19414024	2	Fitting Adapter Male 3/8" to M14x1.5			
10	17414002	1	Bracket			
11	19417033	2	SPACER			
12	52102156	2	Bolt DIN 933 M6-16 8.8			
13	19414035	1	Conversion Adapter 3/8 - 1/2			
14	19414034	1	VALVE WITH ONE-WAY FITTING 1/2 H-H			
15	19414033	1	ELM 12/8 L 250O			
16	19414027	1	P-EWV-12L			
17	19421116	2	SealING Ring			
18	19410006	1	Adapter			
19	19424053	1	Valve Assy			
20	19414008	1	Fuel hose			
21	19414009	1	Fuel hose			
22	56000073	1	Copper Washer 16-23-1,5			
23	52120006	2	Nut DIN 934 M6 8.8			
24	53033006	2	Washer GROWER DIN 127-6			
25	51030006	2	Washer DIN 125-6			
26	19414040	1	M14 T12 Adapter			
NS	19424101	1	Spray stop kit			

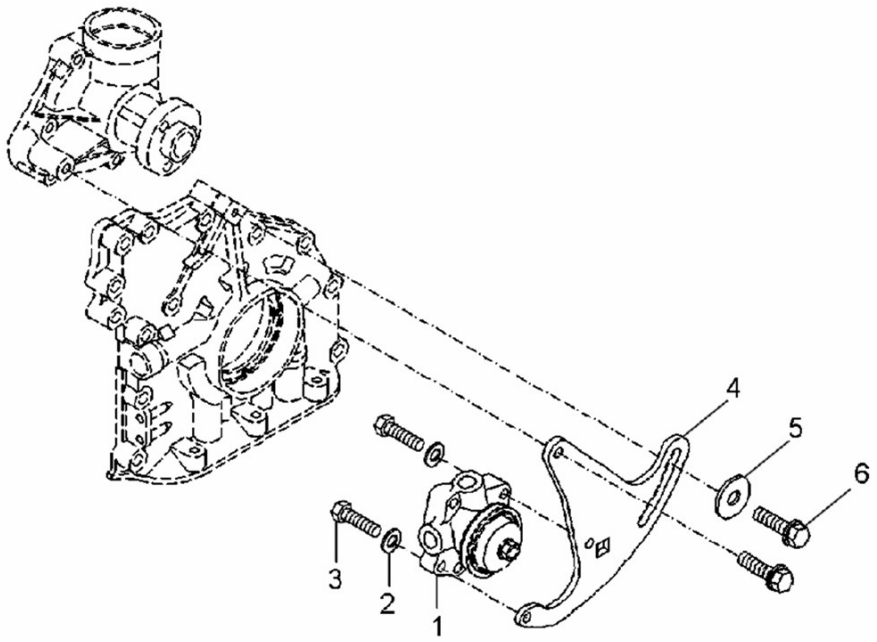


[NS] Not shown

Fuel System

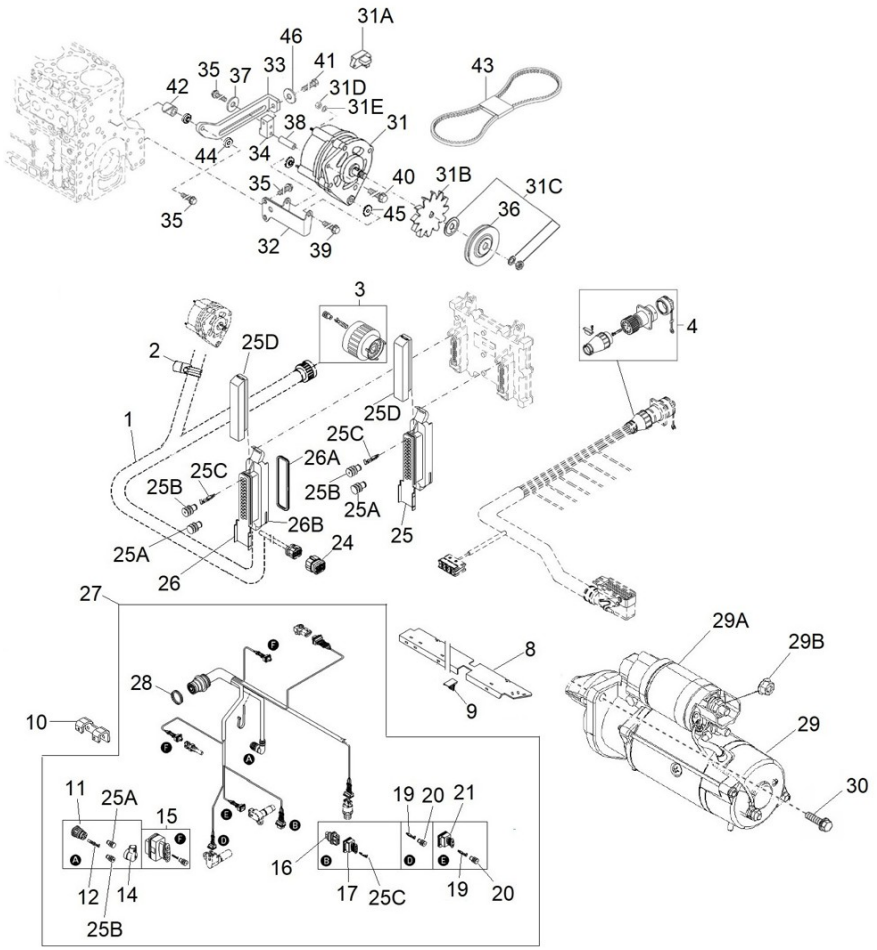
D_GJ01_4_6 Feed Pump

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19424040G	1	Fuel Pump			
2	19424043	2	Spring Washer			
3	52103258	2	Bolt DIN 912 M8-25 8.8			
4	19424041.1	1	Clamping Strap			
5	19424047.1	1	Plain Washer			
6	19424006	2	HEXAGON Bolt			



D_SDZ109EGTDN_05_1 24V Electrical System

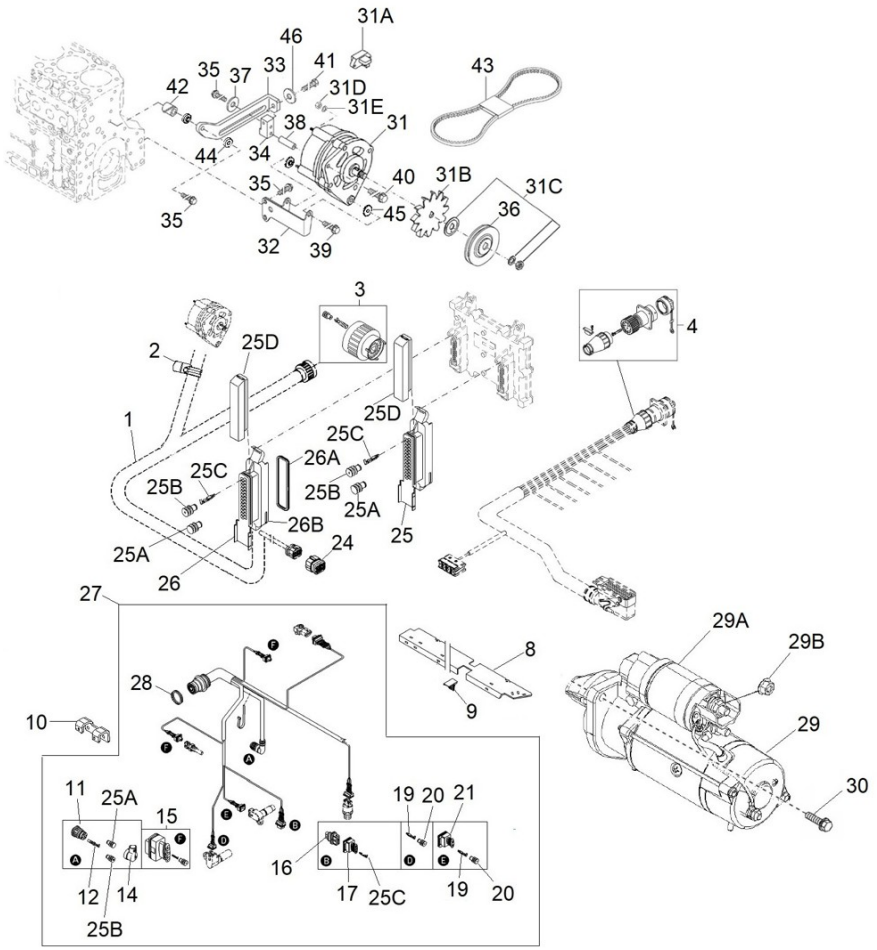
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	60994214	1	SDZ-109/165 DNV marine genset aux. elect. inst.			
2	13817011	1	Bracket			
3	19427195	1	Plug-in Connector			
4	19427152	1	Plug-in Connector			
8	19427185	1	Cover Plate			
9	19427186	1	Cable Clamp			
10	19417018	1	Electrical Wiring Bracket			
11	19427181	1	Receptacle Housing			
12	19427182	5	Jack			
14	19427183	1	Snood			
15	19427179	2	Plug-in Connector			
16	19427180	1	Plug Housing			
17	19427178	1	Housing			
19	19427175	4	Jack			
20	19427176	7	Gasket			
21	19427184	1	Housing			
24	19427194	1	Plug-in Connector			
25	19427151	1	Plug-in Connector			
25A	19427169	39	Plug			
25B	19427168	47	Gasket			
25C	19427170	45	Jack			
25D	19427167	2	Housing Cover			
26	19427197	1	Plug-in Connector			
26A	19427199	1	Rubber Gasket			
26B	19427198	1	Bearing Housing			
27	19427174	1	Cable Harness			
28	19427177	1	Circlip			
29	19427045	1	Starter			
29A	19427106G	1	SWITCH Assy			
29B	19620046	1	Hexagon Nut			
30	19427020.1	3	Bolt			



Electrical System

D_SDZ109EGTDN_05_1 24V Electrical System

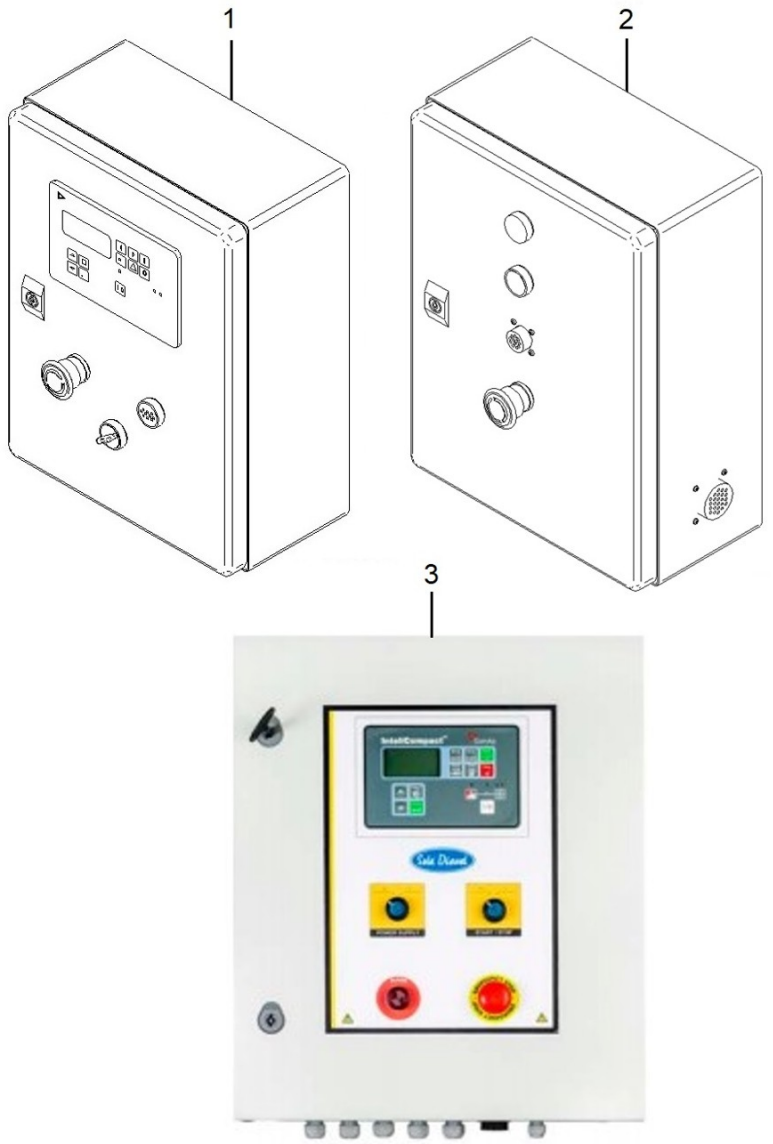
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
31	19427010GB	1	Alternator 24V/35A			
31A	19427016G.2	1	Volatge Regulator			
31B	19427015.2	1	Fan			
31C	19427018.1	1	Fastenings			
31D	51123006	1	Nut DIN 985 M6 5.6			
31E	53033006	1	Washer GROWER DIN 127-6			
32	19427002G.1	1	Bracket, Alternator			
33	19427007G.1	1	Plate			
34	19427008G.1	1	Threaded Piece			
35	19424006	4	HEXAGON Bolt			
36	19427052G.2	1	Pulley			
37	19424047.1	1	Plain Washer			
38	19427026	1	Bush			
39	19422053	1	HEXAGON Bolt			
40	19428006	1	Screw			
41	19427013.1	1	Hexagon bolt			
42	17217005	1	Spacer 8,5X25X8,5			
43	17017025	1	Belt Type SPZX 1012			
44	17117012	2	Tensor Bakelite Bushing			
45	19417011	2	Bracket Bakelite Bushing			
46	19428007.1	1	Plain washer			
NS	58018160	1	Screw			
NS	60900152	1	Wire			
NS	60900155	1	Wire			
NS	60900289	1	Wire			
NS	60900956	2	10k ohm Resistor			



[NS] Not shown

D_SDZ165EGTDN_05_2 Control Cabinets

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	60994215	1	CO 40 SDZ-109/165 DNV box			
2	60994223	1	Parallel prep. ECU SDZ-109/165 DNV box			
3	60994704	1	Parallel Kit 115 GT 230V TAC Control and Power 24V			



D_SDZ109EGTDN_05_3 Genset Extension TAC

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1A	60994217	1	Genset Wiring Ext. SDZ-109/165 TA 6 M.			
1B	60994218	1	Genset Wiring Ext. SDZ-109/165 TA 12 M.			
1C	60994219	1	Genset Wiring Ext. SDZ-109/165 TA 24 M.			
1D	60974552	1	3-way Wiring Wxtension for Auxiliary Kits 4 m			
1E	60900165	1	3-way Wiring Extension for Auxiliary Kits 6 m			
1F	60900166	1	3-way Wiring Extension for Auxiliary Kits 12 m			
1G	60900167	1	3-way Wiring Extension for Auxiliary Kits 24 m			
1H	60972104	1	Double Panel SCO 12 M. Harness			
1I	60972105	1	Double Panel SCO 24 M. Harness			
1J	60972110	1	Double Panel SCO 36 M. Harness			
1K	60972145	1	Double Panel SCO 45 M. Harness			
1L	60994503	1	Communication Cable			
1M	60994522	1	6 m boxes communication cable			
1N	60994521	1	12 M. Wire, Comm. Between Cabinets			

Genset Alternator Spare Parts

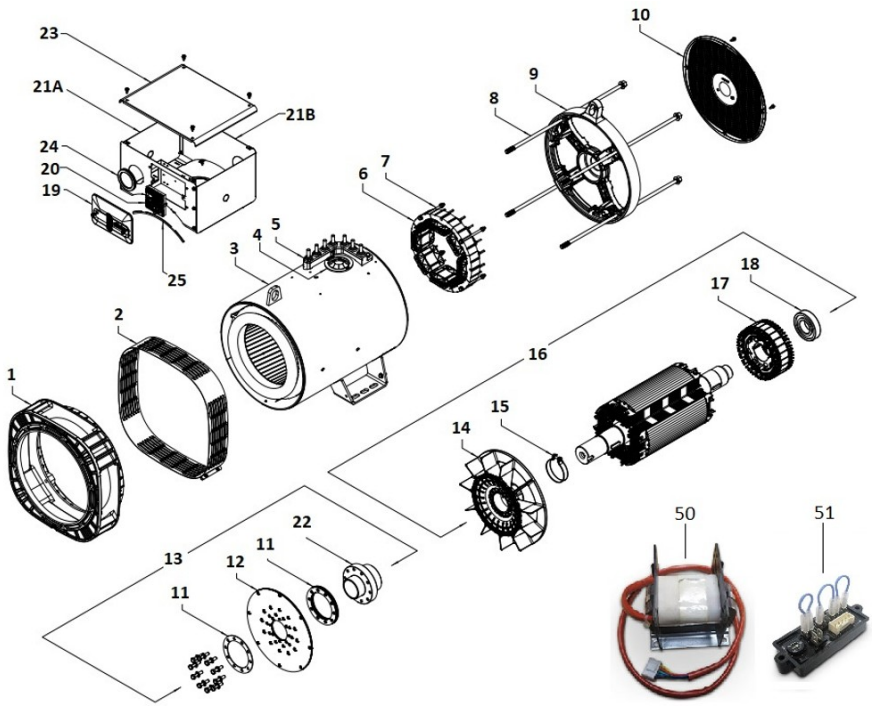
D_SDZ165EGTST_06_1 Alternator 115 GT/GTC & 120 GTA/GTAC Parallel

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1A	605113130ZPI3RC	1	Al.MECC.ALTE III 135 1500 400/230 P (RC)			
1B	605113130ZPI3RS	1	Al.MECC.ALTE III 135 1500 400/230 P (RS)			
1C	605113125PI0R	1	Alt.MECC.ALTE III 125 KVA 400/230V C-TYPE P (R)			
1D	605113130ZPI3RCTC	1	Subst. Alt. MECC. Type B For Type C III 135 1500400/			
1E	605113130ZPI3RSTC	1	Subst. Alt. MECC. Type B For C III 135 1500 400/230			
1F	605113125PI2R	1	Alt.MECC.ALTE III 125 KVA 230V C-TYPE P (R)			
1G	605113130ZPI4RCTC	1	Subst. Alt. MECC. Type B For Type C III 135 KVA 230V			
1H	605113130ZPI4RSTC	1	Subst. Alt. MECC. Type B For C III 135 KVA 1500 230V			
1I	605123156PI0RCTC	1	Subst. Alt. MECC. Type B For Type C III 162KVA 1800			
1J	605123156PI0RSTC	1	Subst. Alt. MECC. Type B For Type C III 162KVA 1800			
1K	605123150PI4R	1	Alt.MECC.ALTE III 150 KVA 480/277V C-TYPE P (R)			
1L	605123150PI1R	1	Alt.MECC.ALTE III 150 KVA 240V C-TYPE P (R)			

Genset Alternator Spare Parts

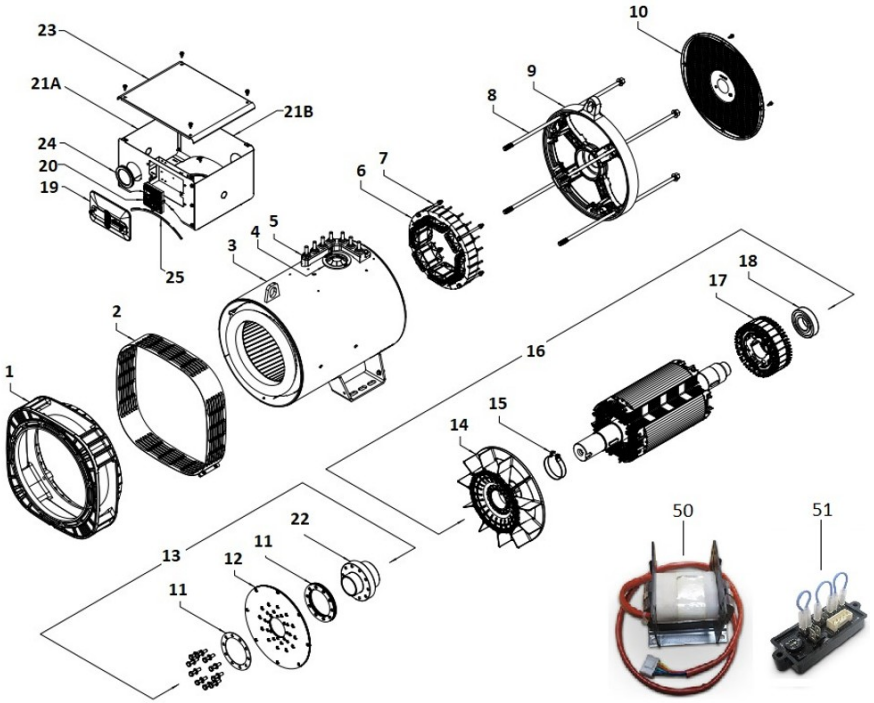
D_605113125ZI0 Spare Part List Alternator Type C 115GT Y 120 GTA

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	605113125ZI0.1	1	Drive end Bracket			
2	605113125ZI0.2	1	Protection Screen			
3	605113125ZI0.3	1	Frame and Stator			
4	605113130Z3.19	1	Cable Grommet, 90mm Hole			
5	605113125ZI0.4	1	Terminal Board 7 pin M12			
6	605113085Z5.5	1	Exciter Stator H-55 8P - S/L			02/2020
6	605113125ZI0.5	1	Exciter Stator H-45 8P		02/2020	
7	605113125ZI0.6	1	Exciter Stay Bolt			02/2020
7	605113130Z3.24	1	Exciter Stay Bolt		02/2020	
8	605113125ZI0.7	1	Cover Stay Bolt			
9	605113125ZI0.8	1	Aluminum non Drive end Bracket			
10	605113125ZI0.9	1	Rear Seal			
11	605113085Z5.16	1	Disc Locking Ring			
12	605113085Z5.13	1	Disc Plates SAE 11,5			
13	605113125ZI0.10	1	Kit Coupling Disc Plates SAE 11,5			05/2020
13	605113125ZI0.11	1	Kit Coupling Disc Plates SAE 11,5		05/2020	
14	605113125ZI0.12	1	Plastic Fan			
15	605113125ZI0.13	1	Clamp 95x22			
16	605113125ZI0.14	1	Rotor Assy			
17	605113125ZI0.15	1	Exciter Armature, H-55 (+ Diodes), 78.5mm Hole			02/2020
17	605113125ZI0.16	1	Exciter Armature, H-45 (+ diodes), 78.5mm Hole		02/2020	
18	605113085Z5.9	1	Rear Bearing 6311-2RS C3			
19	M9909505310	1	Regulator Cap			
20	60500023.1	1	Electronic Regulator DSR			
21A	605113125ZI0.17	1	Side Panel for AVR			
21B	605113125ZI0.18	1	Closed Side Panel			
22	605113085Z5.12	1	Coupling Hub SAE 10 - 11,5 - 14			05/2020
22	605113125ZI0.21	1	Coupling Hub		05/2020	
23	605113125ZI0.19	1	Terminal Box Lid			
24	605113125ZI0.20	1	Cable Grommet			
25	605113050Z4.8	1	PVC Rubber Profile			



Genset Alternator Spare Parts

D_605113125ZI0			Spare Part List Alternator Type C 115GT Y 120 GTA			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
50	60511386P	1	PD500 Parallel Device			
51	60511387P	1	PD-I Parallel Device			
NS	605113050Z4.25	1	Kit USB2DxR			
NS	605113125ZI0.22	1	Kit terminal box (19+21+22+23+24+25)			
NS	605113125ZI0.23	1	Cable assembly + varistor + capacitor for rotating b		02/2020	
NS	605113125ZI0.24	1	Cable Assembly + Varistor + Capacitor for Rotating B			02/2020

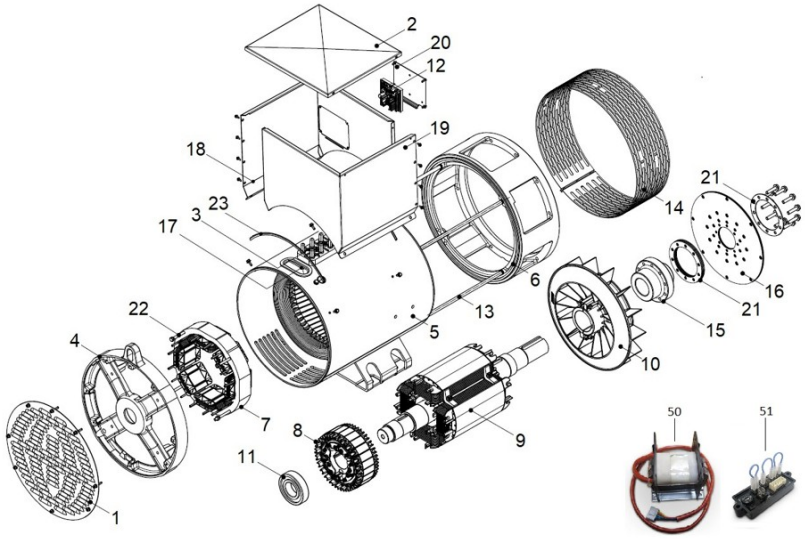


[NS] Not shown

Genset Alternator Spare Parts

D_605113130Z3 Alternator Spare Parts TYPE B 115GT Y 100 GTA UP TO 29/12/2021

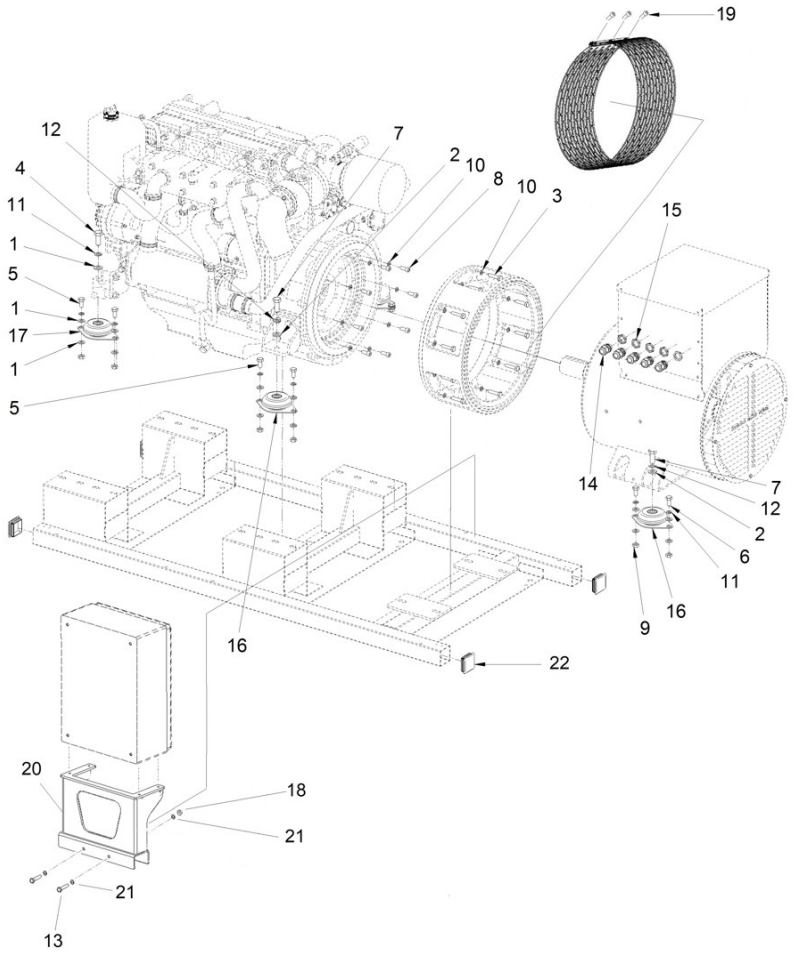
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	605113130Z3.4	1	Rear Seal			
2	605113130Z3.5	1	Terminal Box Lid			
3	605113085Z5.1	1	Terminal Board 8 Pin			
4	605113085Z5.2	1	Non Drive end Bracket			
5	605113130Z3.8	1	Frame and Stator 1L			
6	605113130Z3.9	1	Drive end Bracket MD 35/2			
7	605113085Z5.5	1	Exciter Stator H-55 8P - S/L			
8	605113085Z5.6	1	Excit. Armat. H-55 8P + Diodes T30 - S/L			
9	605113130Z3.12	1	Rotor Assy 1L MD35-B14			
10	605113085Z5.8	1	Fan			
11	605113085Z5.9	1	Rear Bearing 6311-2RS C3			
12	60500023.1	1	Electronic Regulator DSR			
13	605113130Z3.15	4	Cover Stay Bolt 34-L			
14	605113085Z5.11	1	Protection Screen MD35			
15	605113085Z5.12	1	Coupling Hub SAE 10 - 11,5 - 14			
16	605113085Z5.13	1	Disc Plates SAE 11,5			
17	605113130Z3.19	1	Cable Grommet, 90mm Hole			
18	605113130Z3.20	1	High Terminal Board, Front Panel			
19	605113130Z3.21	1	High Terminal Board, Rear Panel			
20	605113130Z3.22	1	Regulator Carrying Panel x Loophole			
21	605113085Z5.16	2	Disc Locking Ring			
22	605113130Z3.24	1	Exciter Stay Bolt			
23	605113130Z3.25	2	PVC Rubber Profile			
50	60511386P	1	PD500 Parallel Device			
51	60511387P	1	PD-I Parallel Device			
NS	605113130Z3.2	1	Kit Terminal Box Painted(2+96+97+98+178)	[NS]		
NS	605113130Z3.3	1	Kit USB2DxR	[NS]		
NS	60511315.1.11	1	Diode Bridge T30	[NS]		



[NS] Not shown

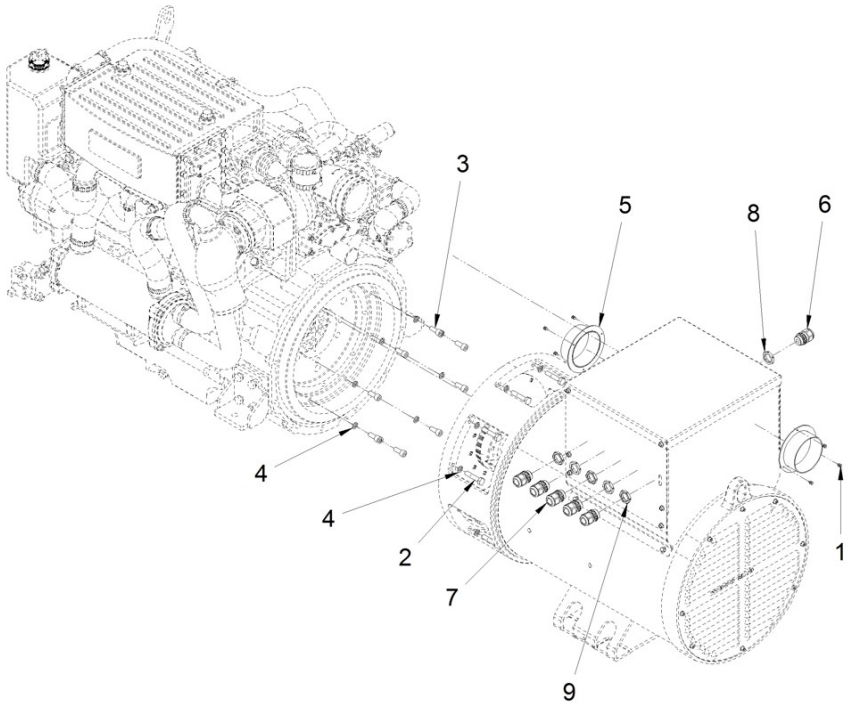
D_60594063.3 Alternator Kit Without Canopy

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	51030012	26	Washer DIN 125-12			
2	51030016	4	Washer DIN 125-16			
3	52101312	12	Bolt DIN 931 M10-45 8.8			
4	52101373	2	Bolt DIN 931 M12-100 8.8			
5	52102358	8	Bolt DIN 933 M12-25 8.8			
6	52102359	4	Bolt DIN 933 M12-30 8.8			
7	52102461	4	Bolt DIN 933 M16-40 8.8			
8	52103308	8	Bolt DIN 912 M10-25 8.8			
9	52120012	12	Nut DIN 934 M12 8.8			
10	53033010	20	Washer GROWER DIN 127-10			
11	53033012	14	Washer Grower DIN 127-12			
12	53033016C	4	Washer			
13	52101269	2	Bolt DIN 931 M8-80 8.8			
14	60900306	5	Connector Press CAPTOR-2000 M25 RAL7001			
15	60900309	5	Screw Connector Press Captor-2000 M25			
16	61674001	4	Engine Mount Type F 40 SHA M16 H 41			
16	61674004	4	Engine Mount Type F BRB 110 B50 SHA M16 H 41		14/04/2023	
17	61674002	2	Engine Mount Type F 35 SHA M12 H 41			
17	61674005	2	Engine Mount Type F BRB 110 B50 SHA M12 H 41		14/04/2023	
18	52120008	2	Nut DIN 934 M8 8.8			
19	52102110	3	Bolt DIN 933 M5-30 8.8 CINCADO			
20	19417008	1	Parallel box support (S)			06/09/2023
20	19417053	1	Parallel box Bracket (S)		06/09/2023	
21	53033008	8	Washer GROWER DIN 127-8			
22	60539019	4	LID (60 Tube)			
NS	51030008	4	Washer DIN 125-8	[NS]		
NS	51031012	2	Washer DIN 9021 12	[NS]		
NS	52103256	4	Bolt DIN 912 M8-16 8.8	[NS]		
NS	TP.4.L.18.2	2	Sec.4 Doble Long. 18 double cord end terminal	[NS]		

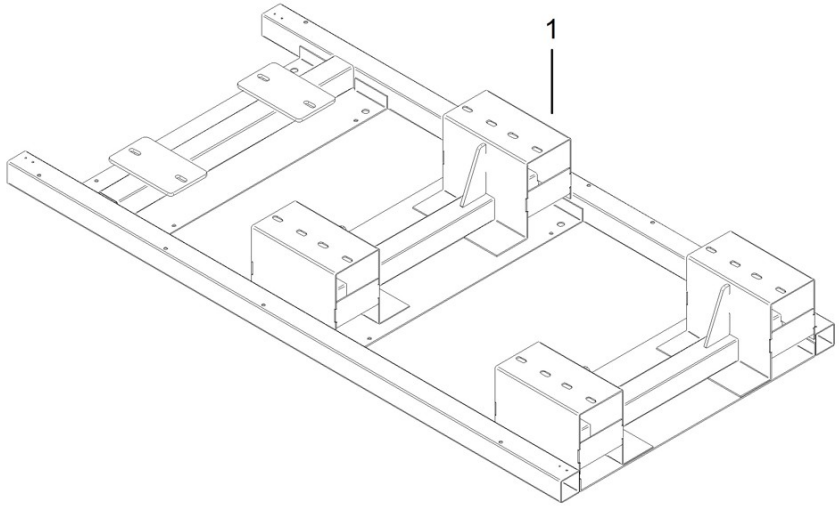


[NS] Not shown

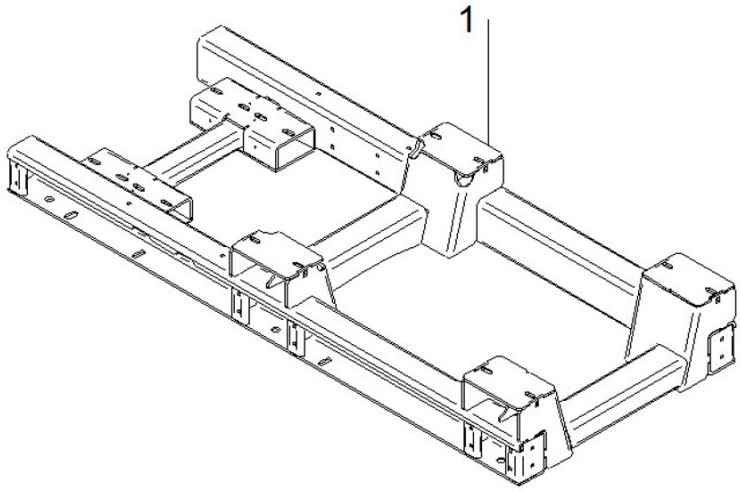
D_60594063.2			Alternator Kit with Canopy			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
2	52101313	12	Bolt DIN 931 M10-50 8.8			
3	52103308	8	Bolt DIN 912 M10-25 8.8			
4	53033010	20	Washer GROWER DIN 127-10			
5	60594042.64	2	Air TUBING D100			
6	60900304	1	Coneector Press PA Grey IP68 M16			
7	60900306	5	Connector Press CAPTOR-2000 M25 RAL7001			
8	60900307	1	Screw Connector Press PA Grey IP68 M16			
9	60900309	5	Screw Connector Press Captor-2000 M25			
NS	60900517	1	Cover,wiring			
NS	60974075.1	1	Fan Installation			
NS	60974077	1	Kit Fan Installation			
NS	60994072A.1	1	N BLUE Breaker TO ALT. SYStem			
NS	60994072G.1	1	W GRAY Breaker TO ALT. SYStem			
NS	60994072M.1	1	V BROWN Breaker TO ALT. SYStem			
NS	60994072N.1	1	U BLACK Breaker TO ALT. SYStem			



D_60594042.1			Genset Chassis			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	60594042.1	1	Genset CHASSIS		05/04/2017	06/09/2023



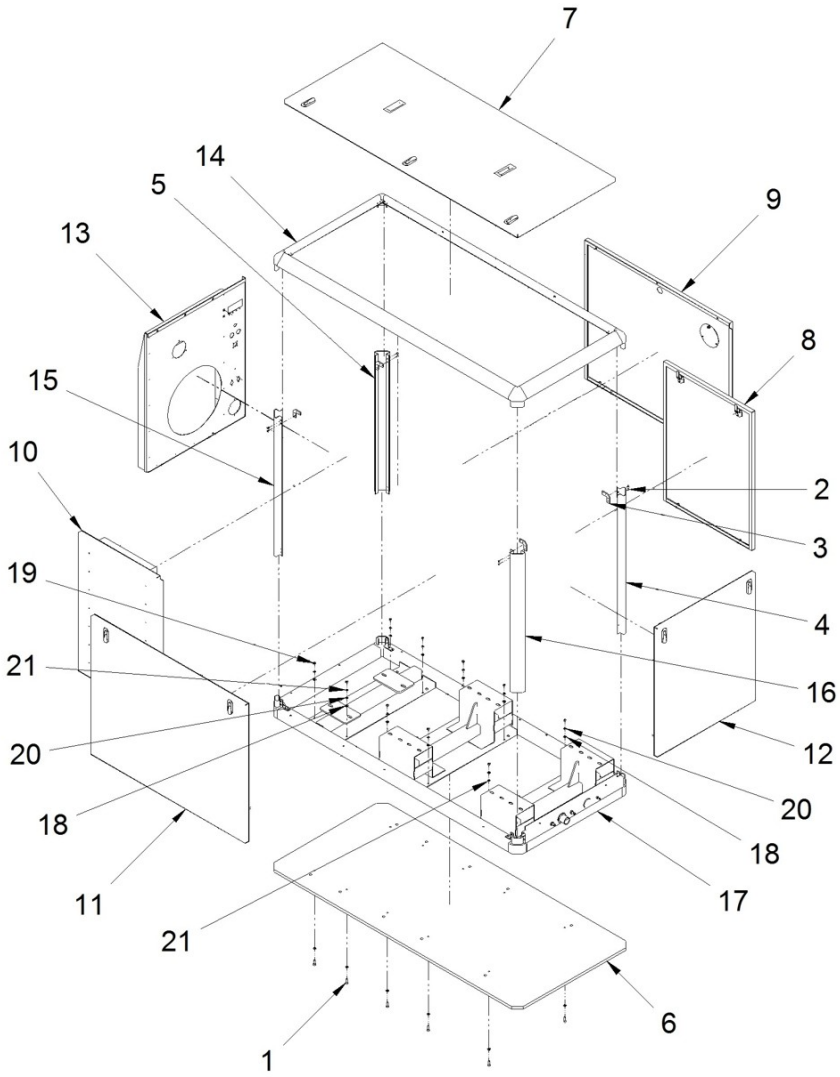
D_60594035			Chassis			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	60594035	1	Engine Bed		06/09/2023	



Canopy Spare Parts

D_SDZ165EGTDN_09_1 Cabin

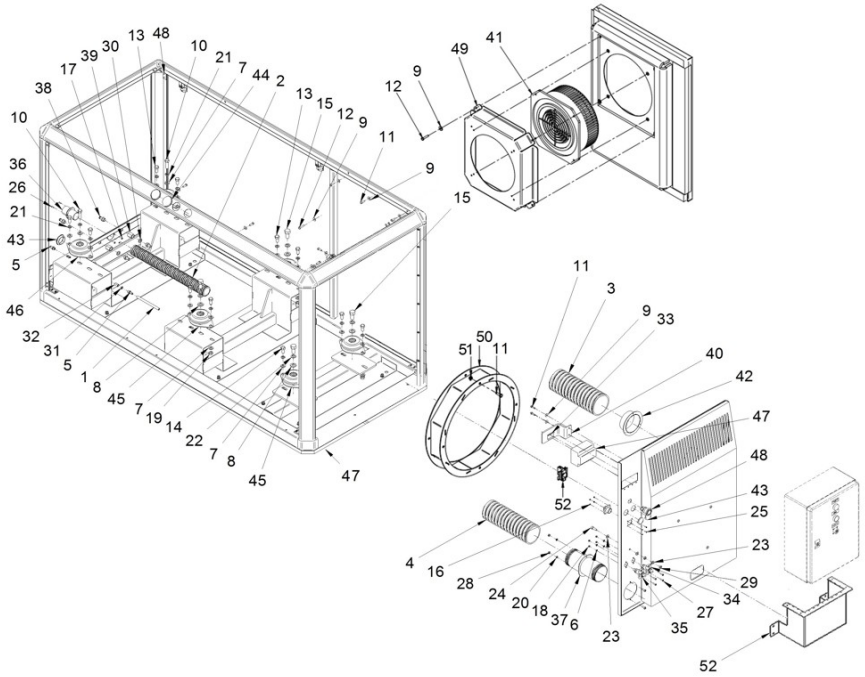
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	52103258	10	Bolt DIN 912 M8-25 8.8			
2	53105104	8	Bolt DIN 7991 M5-10 12.9			
3	60573041.43	4	L Fastening Bracket			
4	60594042.03	1	VERTICAL BAR			
5	60594042.04	1	VERTICAL BAR			
6	60594042.10	1	BASEBOARD			
7	60594042.20	1	Upper Panel			
8	60594042.21B	1	Side Panel			
9	60594042.21A	1	Side Panel			
10	60594042.22A	1	Output Panel			
11	60594042.22B	1	Output Panel			
12	60594042.24	1	FrontAL Panel			
13	60594042.26	1	Back Panel			
14	60594042.30	1	Upper FRAME			
15	60594042.31	1	VERTICAL BAR			
16	60594042.32	1	VERTICAL BAR			
17	60594042.61	1	Bottom Frame			
18	51030008	20	Washer DIN 125-8			
19	52120008	10	Nut DIN 934 M8 8.8			
20	53033008	9	Washer GROWER DIN 127-8			
21	53038008	2	Washer DIN 6798-A 8			



Canopy Spare Parts

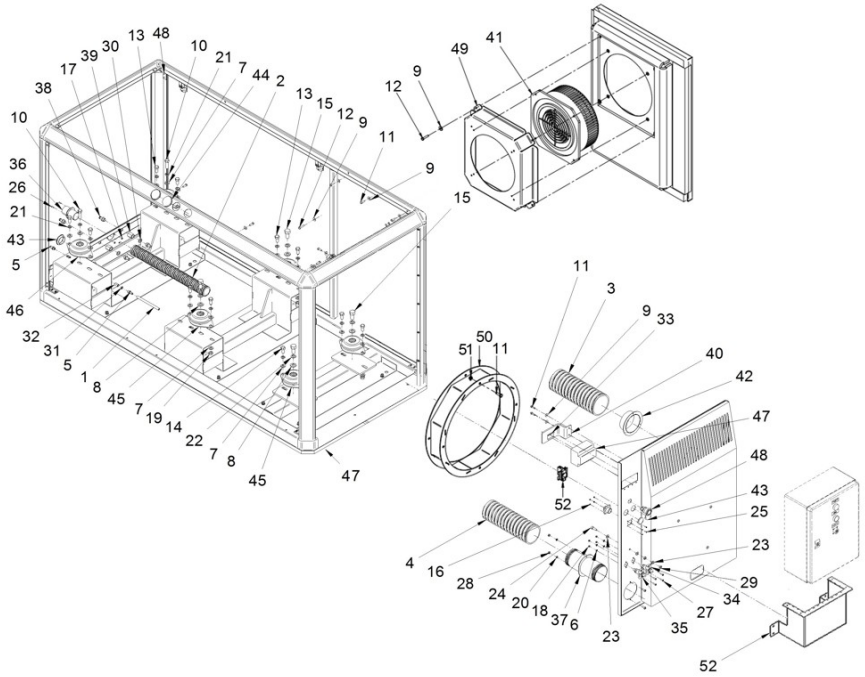
D_SDZ165EGTDN_09_2 Kit Cabin

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	M80501006	1.0	Hose D.10-6			
2	19411076	2.0	HOSE DNV D.40-51 2.6 M			
3	M8850102114	1.0	Exhaust Hose D. 102			04/03/2024
3	M885710200	1.0	Air Aspiration Hose D. 102		04/03/2024	
4	M885090102	1.0	Exhaust Hose D. 90			
5	13814072	2	Straight Hose Connector 1/8" NPTF			
6	51030005	4	Washer DIN 125-5			
7	51030012	24	Washer DIN 125-12			
8	51030016	4	Washer DIN 125-16			
9	51031006	11	Washer DIN 9021 6			
10	52101373	2	Bolt DIN 931 M12-100 8.8			
11	52102157	15	Bolt DIN 933 M6-20 8.8			
12	52102159	4	Bolt DIN 933 M6-30 8.8			
13	52102358	8	Bolt DIN 933 M12-25 8.8			
14	52102359	4	Bolt DIN 933 M12-30 8.8			
15	52102461	4	Bolt DIN 933 M16-40 8.8			
16	19417007	1	Parallel box support (C)			
17	52120004	2	Nut DIN 934 M4 8.8			
18	52120005	4	Nut DIN 934 M5 8.8			
19	52120012	8	Nut DIN 934 M12 8.8			
20	53033006	2	Washer GROWER DIN 127-6			
21	53033012	14	Washer Grower DIN 127-12			
22	53033016C	4	Washer			
23	54030008	3	Washer DIN 125-8 INOX.			
24	54103258	1	Bolt DIN 912 M8-25 INOX.			
25	19417111	1	Terminal block 100 GTC-115 GTAC			
26	54118054	2	Bolt DIN 7985 M4-10 INOX			
27	54118106	4	Bolt DIN 7985 M5-16 INOX			
28	54120006	2	Nut DIN 934 M6 INOX			
29	54120008	2	Nut DIN 934 M8			
30	56000073	2	Copper Washer 16-23-1,5			



D_SDZ165EGTDN_09_2 Kit Cabin

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
31	57000361	1	Washer 10-14-1,5			
32	60573041.39	1	ROD Coupling 1/8 BSP			
33	60573041.64	1	Switch Disconnector Omega Bracket			
34	60573047	1	Battery Plug IN			
35	60573048	1	Battery Plug IN			
36	60594032	2	Water Wall Bushing D.40			
37	60594028	1	Exhaust Wall PASS D90			
38	60594041.39	4	Gasoil Wall Bushing D12 MALE			
39	60594041.40	2	ROD Coupling 3/8 BSP			
40	60594042.42	1	Switch Disconnector Bracket			
41	6057A050	1	Centrifugal Fan PSB 230V		06/06/2023	
41	60594042.44	1	Fan HJEM 25 M4 (CASALS)			05/06/2023
42	60594042.64	2	Air TUBING D100			
43	60900508	2	Shutter 31			
44	60900514	2	Shutter 44			
45	61674001	4	Engine Mount Type F 40 SHA M16 H 41			
45	61674004	4	Engine Mount Type F BRB 110 B50 SHA M16 H 41		14/04/2023	
46	61674002	2	Engine Mount Type F 35 SHA M12 H 41			
46	61674005	2	Engine Mount Type F BRB 110 B50 SHA M12 H 41		14/04/2023	
47	60994085	1	FOUR PoleS 125 DISConnector			
49	6057A041.23B	1	Air Outlet Aluminium Sheet Box			
NS	19414010	1	Fuel Hose			
NS	19414011	1	Fuel Hose			
NS	19414012	1	Fuel Hose			
NS	19414030	1	STRAIGHT COUPLING 3/8			
NS	19414031	1	BOLT 3/8			
NS	51123006	4	Nut DIN 985 M6 5.6			
NS	54081012	4	Clamp DIN 3017 12-22/9 W4			
NS	54082090	4	Clamp DIN 3017 90-110/12 W4			
NS	54083112	2	GP Clamp 104-112 W4 STC			
NS	54086097	2	GP Clamp 97-104 W4 STC			

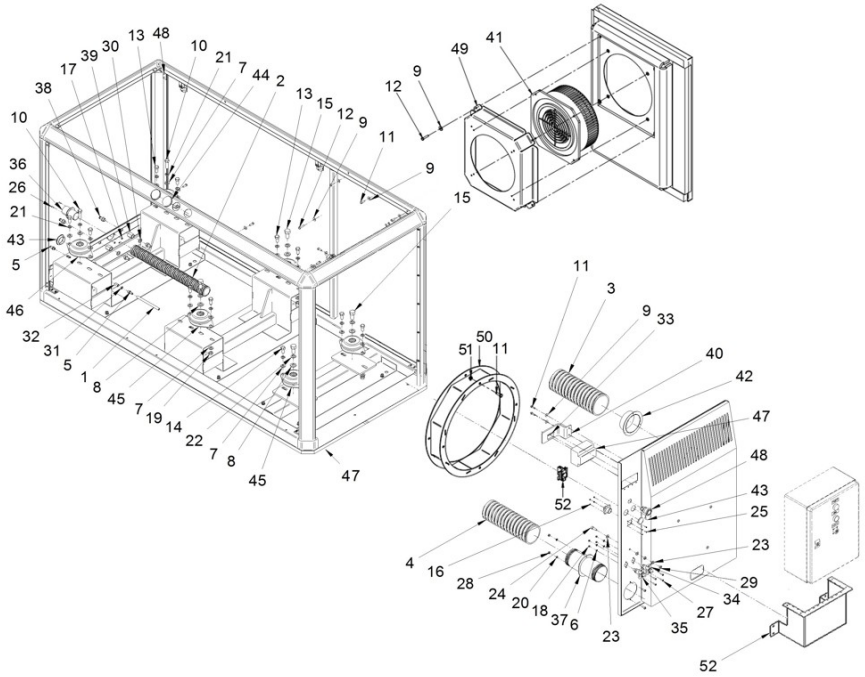


[NS] Not shown

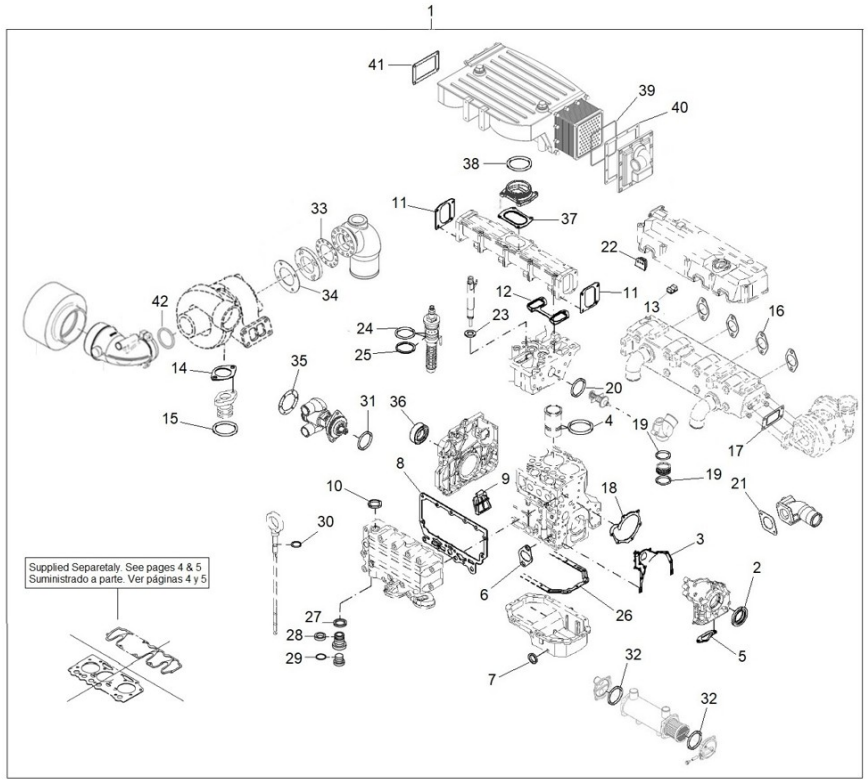
Canopy Spare Parts

D_SDZ165EGTDN_09_2 Kit Cabin

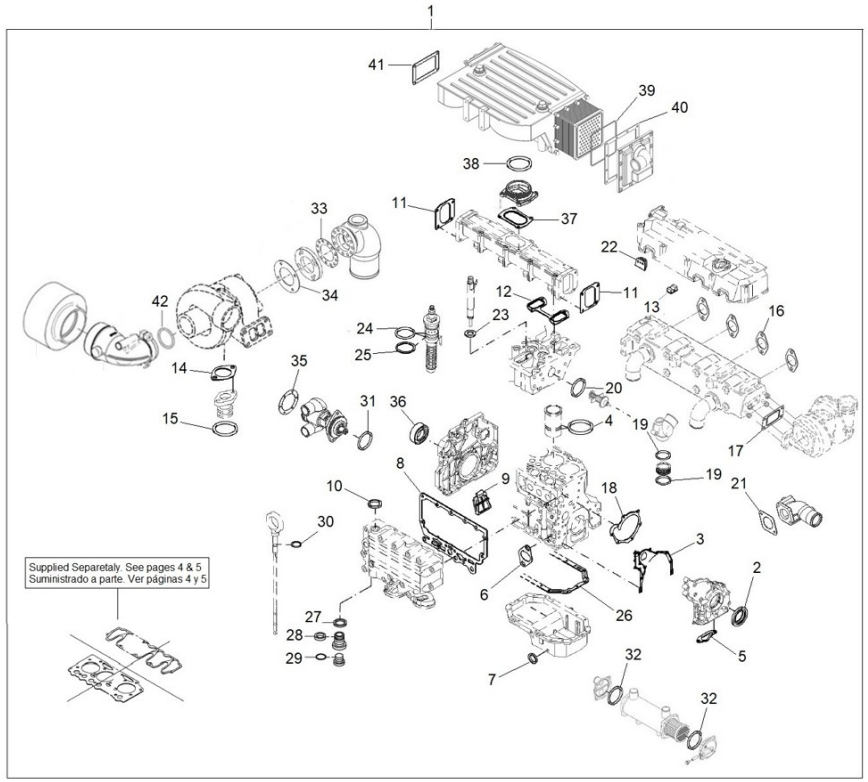
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
NS	60594042.25G	1	Spacer Ring			
NS	60594042.62	1	Dry Exhaust Cover			
NS	60900047	1	White Strip VDe 104 4			
NS	60972074	1	0,44 M. Back Panel To Alt. Wiring Ground			
NS	60972090	2	TER. PROTECTIVE 20 RED			
NS	60972091	3	TER. PROTECTIVE 20 BLACK			
NS	60974002	1	2 M. BLACK Battery NEGATIVE Wiring			
NS	60974048	1	0,73 M. BLACK Battery NEGATIVE Wiring			
NS	60974049	1	RED Battery POSITIVE Wiring			



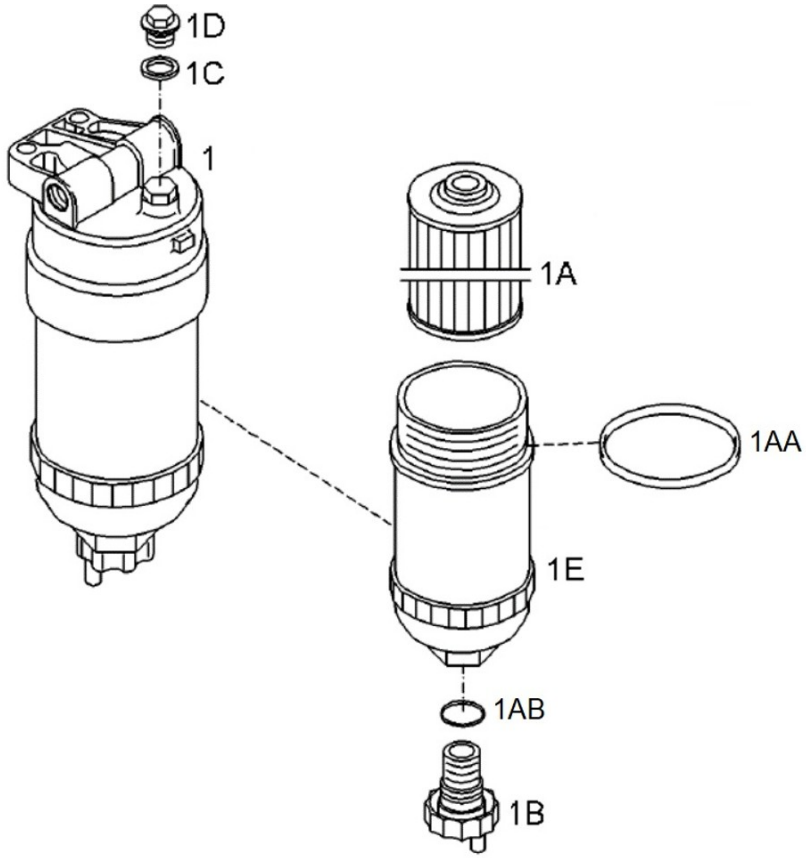
D_GI01_6_1			Gasket Kit			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19420101	1	Gasket Set			
2	19420008	1	ROT.Shaft LIP Seal			
3	19420026.2	1	Gasket			
4	19420074	8	O-Ring D. 115X3			
5	19424056.1	1	Gasket			
6	19421076	1	Gasket			
7	19420032.1	2	Gasket			
8	19424084	1	Gasket			
9	19422116	1	CORE Hole Plug			
10	19421019	1	SealING Ring			
11	19421047	2	Gasket			
12	19421063	2	Gasket			
13	19610019	1	O-Ring D. 62X5 VITON			
14	19428062	1	Gasket			
15	19428063	2	SealING Ring			
16	19421181.2	4	Gasket			
17	19421183.3	1	Gasket			
18	19421040	1	Flat Gasket			
19	19421044	2	O-Ring			
20	19421041	1	O-Ring			
21	19411010	1	Gasket			
22	19421018	4	Rubber Seal			
23	19426012	1	SealING Ring			
24	19425002	3	O-Ring D. 40X3,5			
25	19425003	2	Shim			
26	19420033	1	Gasket			
27	19422118	2	SealING Ring			
28	19422115	2	SealING Ring			
29	19422113	2	O-Ring			
30	19620029.2	1	O-Ring			
31	19420221	1	O-Ring D. 82X4 VITON			



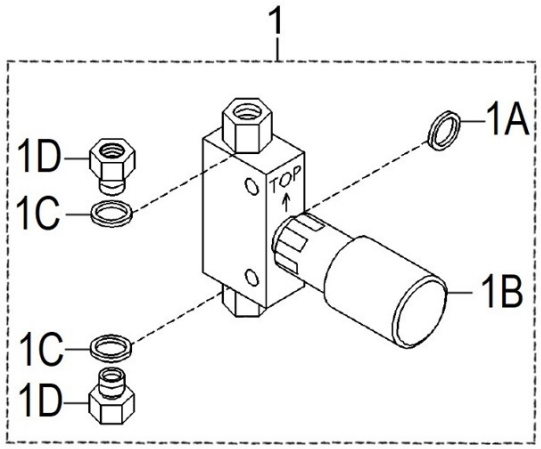
D_GI01_6_1			Gasket Kit			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
32	16711007	2	O-Ring D. 116X4			
33	16513016	1	Exhaust Elbow Gasket			
34	19413013	1	Gasket			
35	34711003	1	Gasket Cover			
36	19420039.1	1	ROT.Shaft LIP Seal			
37	19421034	1	Gasket			
38	19421033	1	O-Ring D. 70X5 VITON			
39	19410041	2	O-Ring Intercooler			
40	19410016.7B	2	Gasket			
41	LOCT5900.50	1	LOCTITE 5900 50ml			
42	19410023G	1	O-Ring D. 78X4 VITON			
43	19421011	1	Cap			



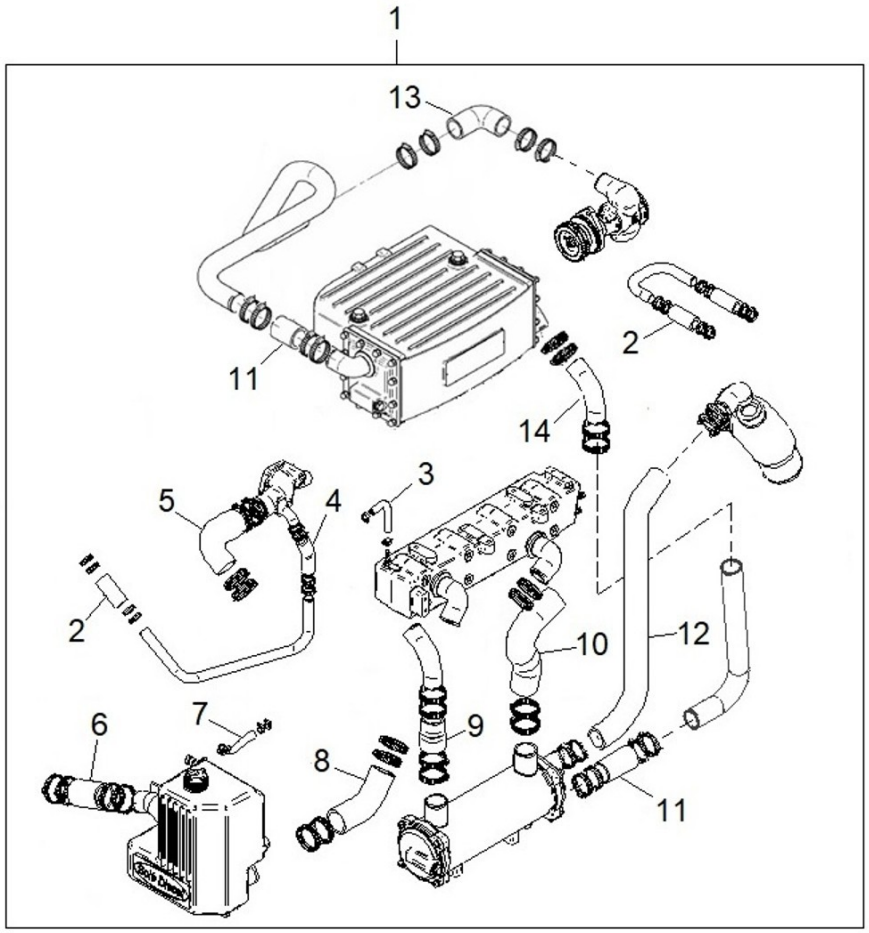
D_19424020			Fuel Filter			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19424020	1	SPin-ON Fuel FILT.			
1A	19424020.3	1	Pre Fuel Filter Element SDZ-165/205/280			
1AA	19424020.2	1	O-Ring D. 95X4			
1AB	19424020.4	1	O-Ring D. 12X2,5			
1B	19424020.5	1	DRAIN Valve			
1C	19421016	1	SealING Ring			
1D	19420071	1	Screw Plug			
1E	19424020.8	1	Filter Housing			



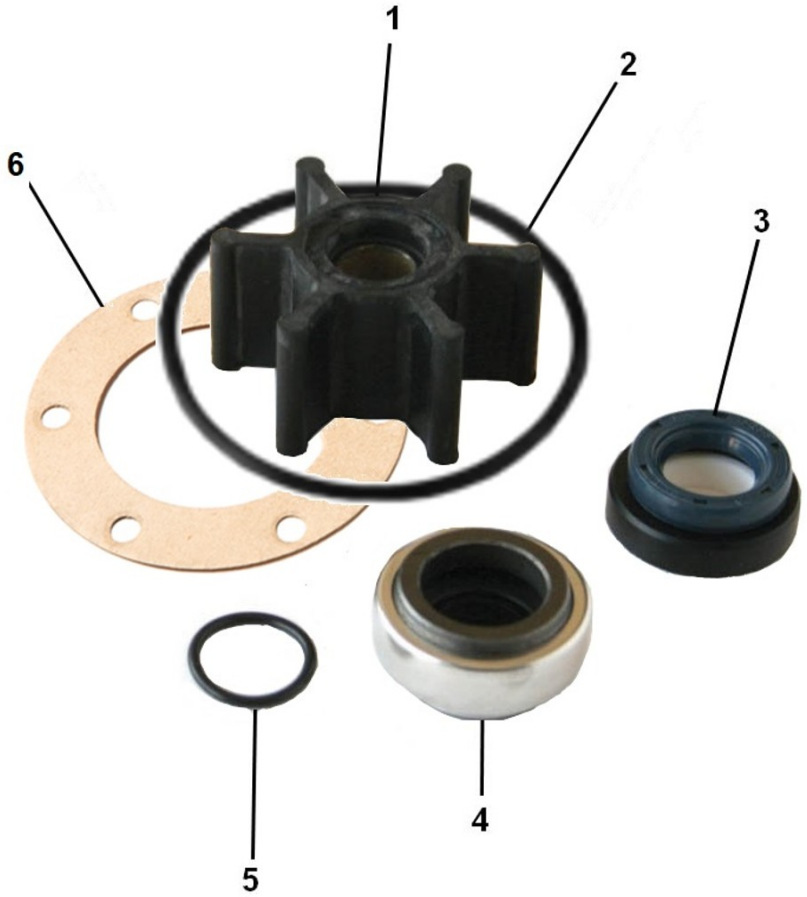
D_19424050			Hand Pump			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19424075	1	Kit Fuel Pump			
1A	19424050.1	1	SealING Ring			14/11/2019
1B	19424050.2	1	Hand Pump			14/11/2019
1C	19424078	2	Gasket			14/11/2019
1C	56000077	2	Washer 18-23-1,5		14/11/2019	
1D	19424050.3	2	Adapter NIPPLE			14/11/2019
1D	19424079	2	Manual Pump gasoil Fitting		14/11/2019	



D_19411105G			Pipe Rubber Set, Water Line			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19411105G	1	Pipe Rubber Set SDZ-165 Genset DNV			
2	19411063	3	Rubber Hose D.22-32-70			
3	19411041	1	Purge Hose			
4	19411056	1	RUBBER ELBOW D.20			
5	19411057	1	Rubber Elbow D.42-50			
6	19411064	1	Rubber Hose D.48-55-90			
7	19411042	1	Hose			
8	19411055	1	RUBBER ELBOW D.45-48			
9	19411059	1	Rubber Hose D.42-50			
10	19411058	1	Rubber Hose D.45-50			
11	19411061	2	Rubber Hose D.42-52-90			
12	19411075	1	HOSE DNV D.40-51 0.9 M			
13	19411015	1	Elbow			
14	19411066	1	RUBBER ELBOW D.42			

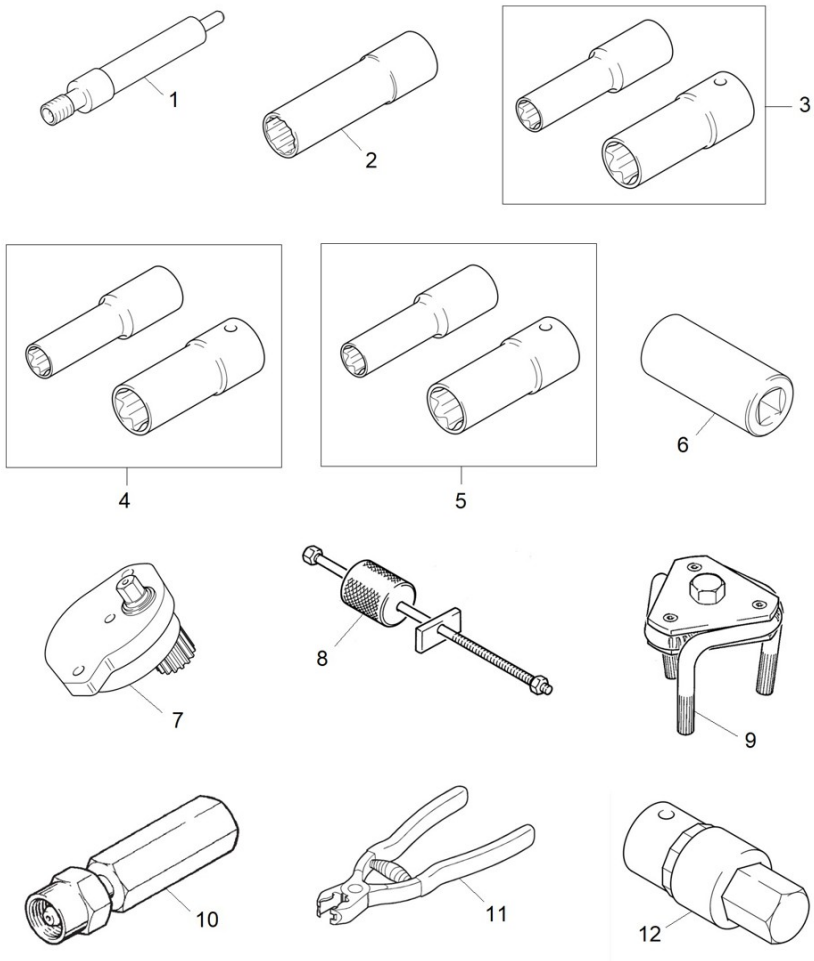


D_SDZ109EGTDN_10_3	Repair Kit Water Pump					
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	39411008	1	1" L.68 Impeller			
2	19420221	1	O-Ring D. 82X4 VITON			
3	36511020	1	Seal 16-30-7			
4	36511019	1	Seal			
5	33311013	1	O-Ring D. 15X2			
6	34711003	1	Gasket Cover			



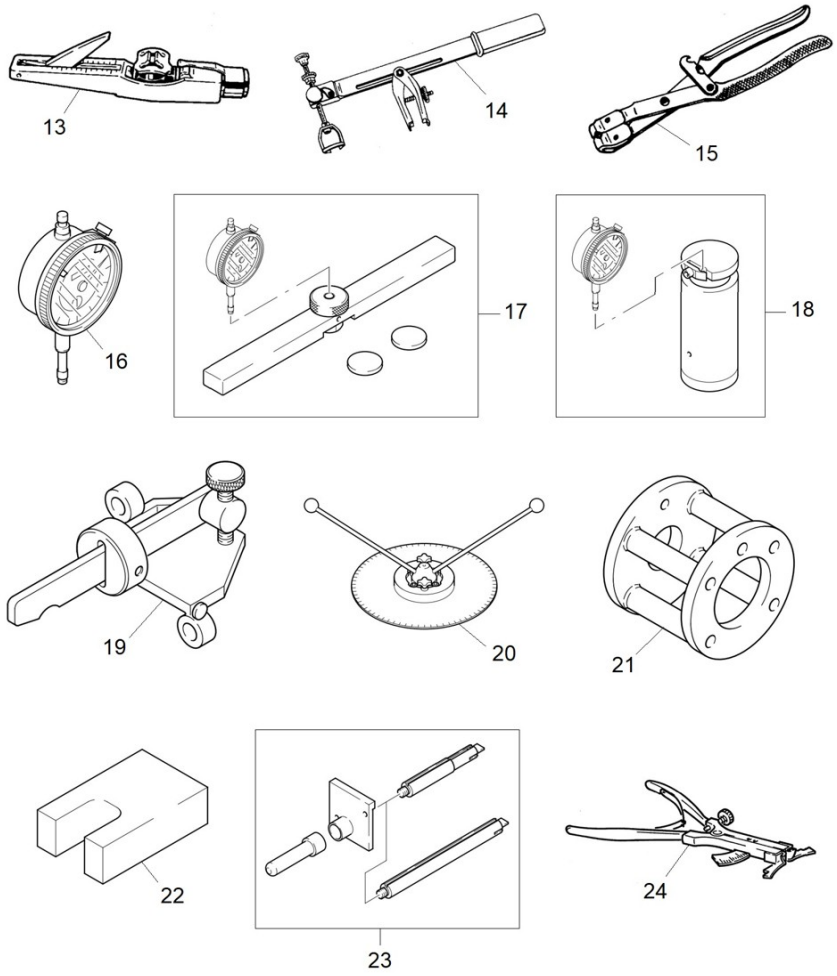
D_UTILSDZPRO_1 Special Tools 1/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	UBP00006	1	Connector For Compression Tester			
2	UMSDZ001	1	Socket A/Flats 15 Long For Injector			
3	UMSDZ002	1	Torx Sockets Long Version			
4	UMSDZ003	1	Torx Sockets Long Version			
5	UMSDZ004	1	Torx Sockets Long Version			
6	UMSDZ005	1	Serrated Wrench Turning Injection Pump			
7	UMSDZ008	1	Assembly Tool For Front Crankshaft Seal			
8	UMSDZ010	1	Extractor			
9	UMSDZ011	1	Special Device Off Filter Cartridge			
10	UMSDZ012	1	Extractor Injector			
11	UMSDZ016	1	Cobra Clamp Pliers			
12	UMSDZ017	1	Screw Driver Socket			



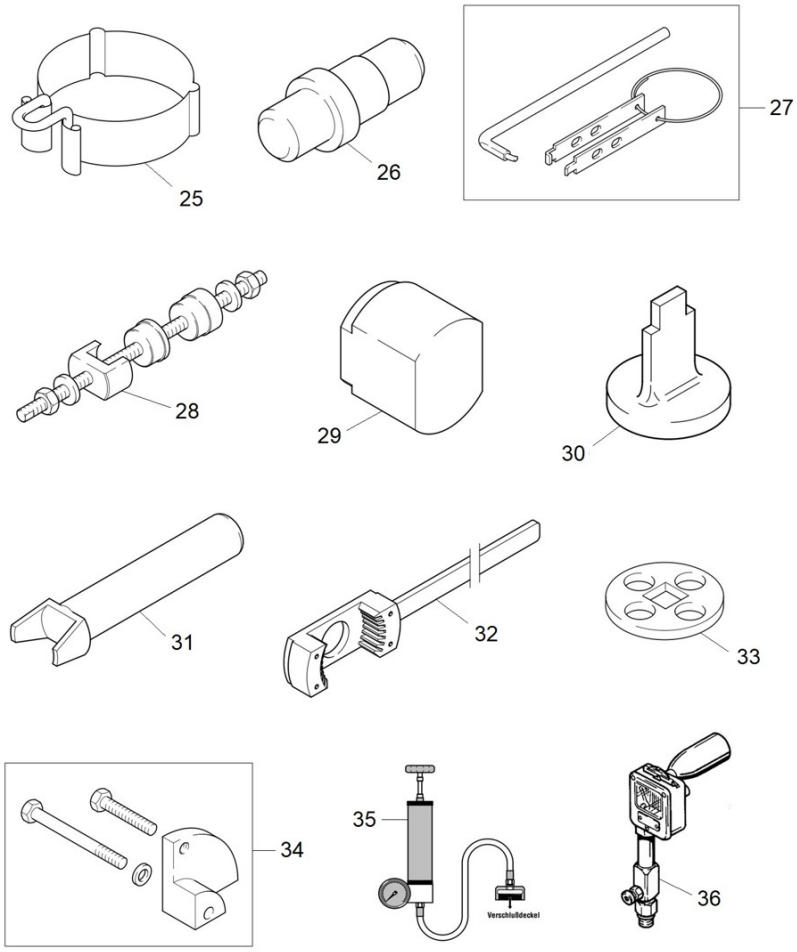
D_UTILSDZPRO_2 Special Tools 2/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
13	UMSDZ018	1	V-Belt Tension Gauge			
14	UMSDZ019	1	Valve Spring Assembly Lever			
15	UMSDZ020	1	Spring Clamp Pliers			
16	UMSDZ024	1	Dial Gauge M2T With Locking Ring			
17	UMSDZ025	1	Measuring Bar With Spacers For Gauging			
18	UMSDZ026	1	Measuring Device Base Circle Injection			
19	UMSDZ027	1	Press-on Device For Control Rod			
20	UMSDZ028	1	GRADUATED DISC 360° For TDC and COD			
21	UMSDZ029	1	Adapter For Graduated Disc			
22	UMSDZ030	1	Dolly For Injector a/flats 11			
23	UMSDZ031	1	Assembly Tool For Control Rod Sleeves			
24	UMSDZ034	1	Piston Ring Pliers			



D_UTILSDZPRO_3 Special Tools 3/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
25	UMSDZ035	1	Piston Ring Compressor			
26	UMSDZ036	1	Assembly Tool For Small End Bush			
27	UMSDZ037	1	Puller For Front And Rear Crakshaft Seal			
28	UMSDZ040	1	Assembly Tool For Camshaft Sleeves			
29	UMSDZ041	1	Assembly Tool For Cylinder Liner			
30	UMSDZ042	1	Assembly Tool For Pressure Control Valve			
31	UMSDZ043	1	Assembly Tool For Thermostat			
32	UMSDZ044	1	Dolly For Air Compressor Gear			
33	UMSDZ069	1	Turning Device			
34	UMSDZ070	1	Measuring Device For Control Rod			
35	UMSDZ058	1	Pressure Pump for Tightness Testing Coolant System			
36	UMSDZ059	1	Compression Tester			



D_UTILSDZPRO_4 Special Tools 4/4

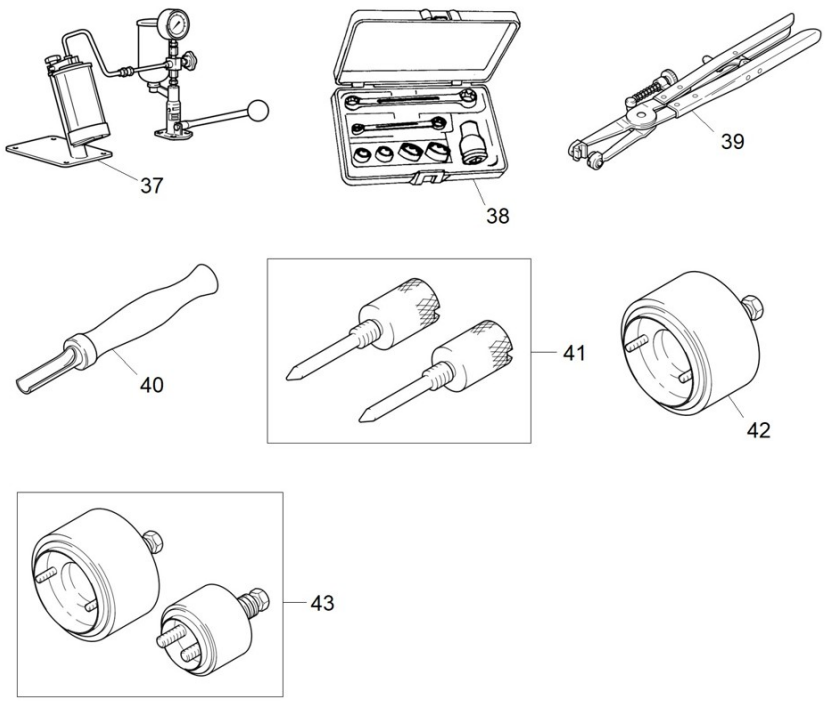



Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
37	UMSDZ060	1	Injector Tester			
38	UMSDZ061	1	Torx Torx-Werkzeugsatz Tool Kit			
39	UMSDZ062	1	Spring Clamp Pliers			
40	UMSDZ063	1	Auxiliary Tool Glow Plug Cable Coupler			
41	UMSDZ064	1	Adjusting Bolts for Mass Compensating Shafts "MAG"			
42	UMSDZ066	1	Assembly Tool For Rear Crankshaft Seal			
43	UMSDZ067	1	Turning Gear			
NS	61800001	1	Injector Tester			
NS	UBP00002	1	Test Bench Engine Test Bench SDZ-280 Pressure			
NS	UMSDZ021	1	Spring Clamp Pliers			
NS	UV19410016B	1	Turbo pressure test tool SDZ-280			
NS	UV19424040.1	1	Fuel pressure test tool SDZ-280