



Part list

Genset 115 GT/GTC & 120 GTA/GTAC Parallel



PARTS LIST CATALOGUE

NORMS TO PLACE AN ORDER

For fast and more efficient service, please specify the following information on spare parts orders 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 addressed to :

orders@soleadvance.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-

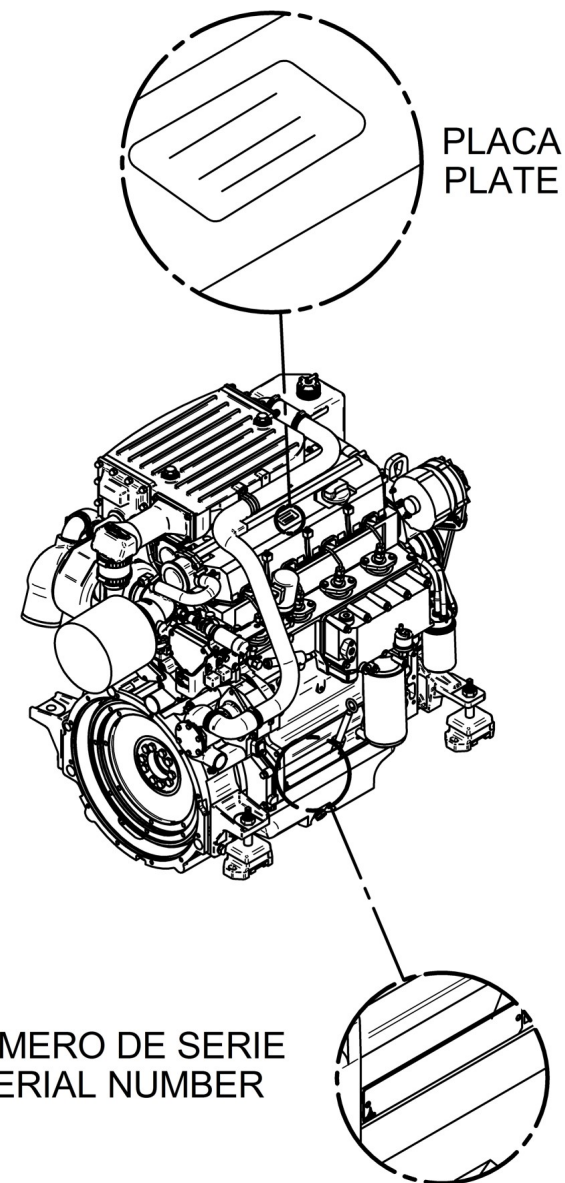
Quantity: Total number of parts used in the assembly of the part represented (may differ from the total minimum)

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 Advance, or your authorized dealer. The

SOLÉ, S.A.

C-243b, km, 2

08760 Martorell (Barcelona) Spain



Index

Engine Body

- Cylinder Head
- Rocker Cover & Breather
- Valve Drive
- Timing Parts
- Case, Gear
- Crankcase
- Flywheel Housing
- Piston & Connecting Rod
- Crankshaft & Flywheel
- Oil System
- Oil Pan
- Engine Brackets
- Cooler Assy, oil

Inlet & Exhaust

- Inlet
- Turbocharger
- Spare Parts, Turbocharger
- Exhaust Manifold
- Breather Line

Cooling System

- Water Pump
- Cooler Pipes
- Water Cooler Assy SDZ-109/165/175E
- Wet Exhaust
- Expansion Tank
- Key Pump SDZ-165/205/280 Gr-109/165

Fuel System

- Fuel Pipe
- Injection Nozzle
- Fuel Injection Pump
- Regulator

- Fuel Filter
- Feed Pump

Electrical System

- 24V Electrical System
- Control Cabinets
- Deutz Parallel Group Lengths

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

Genset Alternator Kit

- Alternator Kit Without Canopy
- Alternator Kit with Canopy

Chassis Spare Parts

- Genset Chassis
- Chassis

Canopy Spare Parts

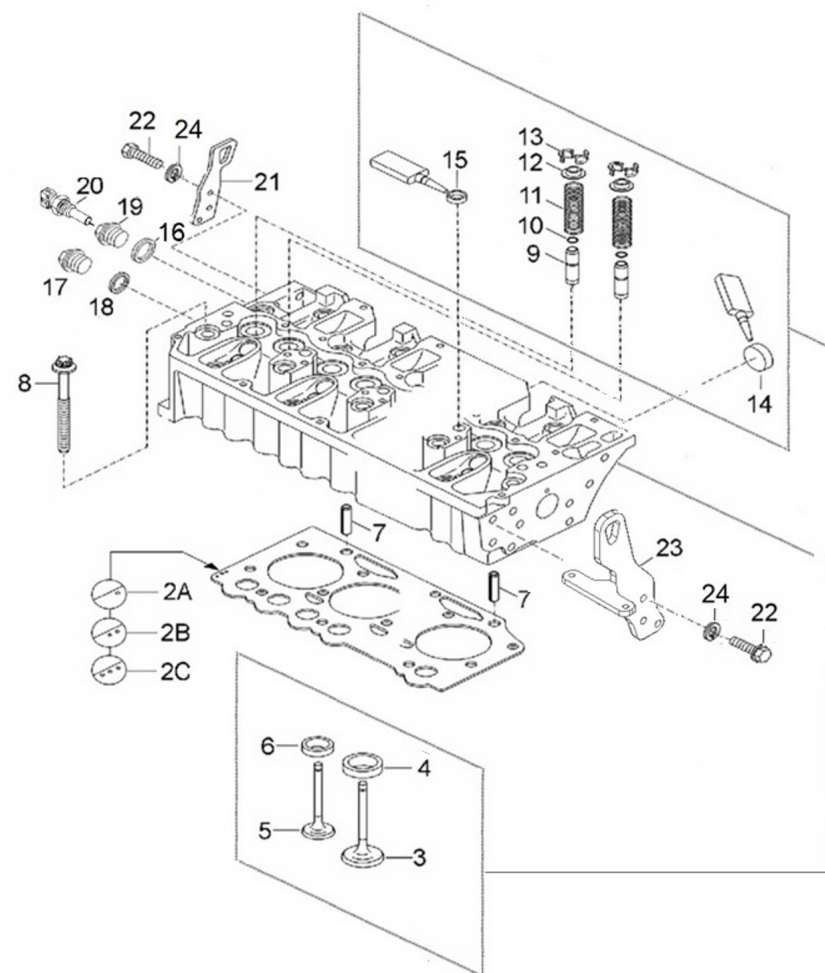
- Cabin
- Canopy Kit

Maintenance Kit

- Gasket Kit
- Fuel Filter
- Hand Pump
- Pipe Rubber Set SDZ-165 Genset V.S.
- Repair Kit Water Pump
- Special Tools 1/4
- Special Tools 2/4
- Special Tools 3/4
- Special Tools 4/4

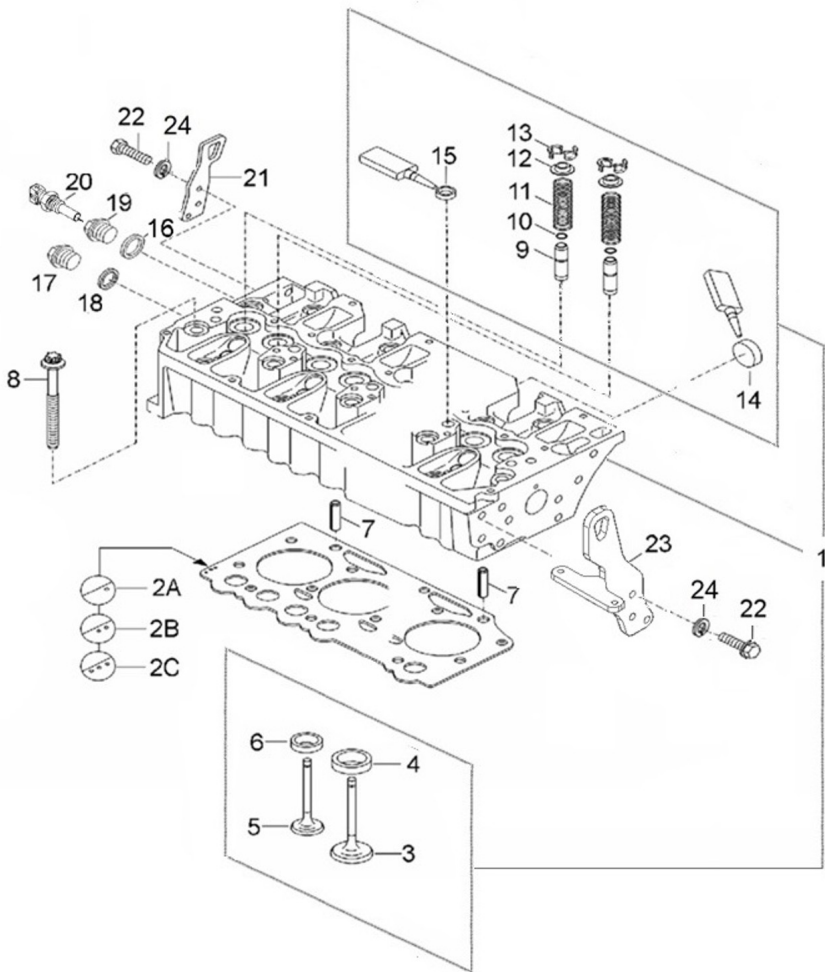
D SDZ109EGTDN 01 1 Cylinder Head

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			



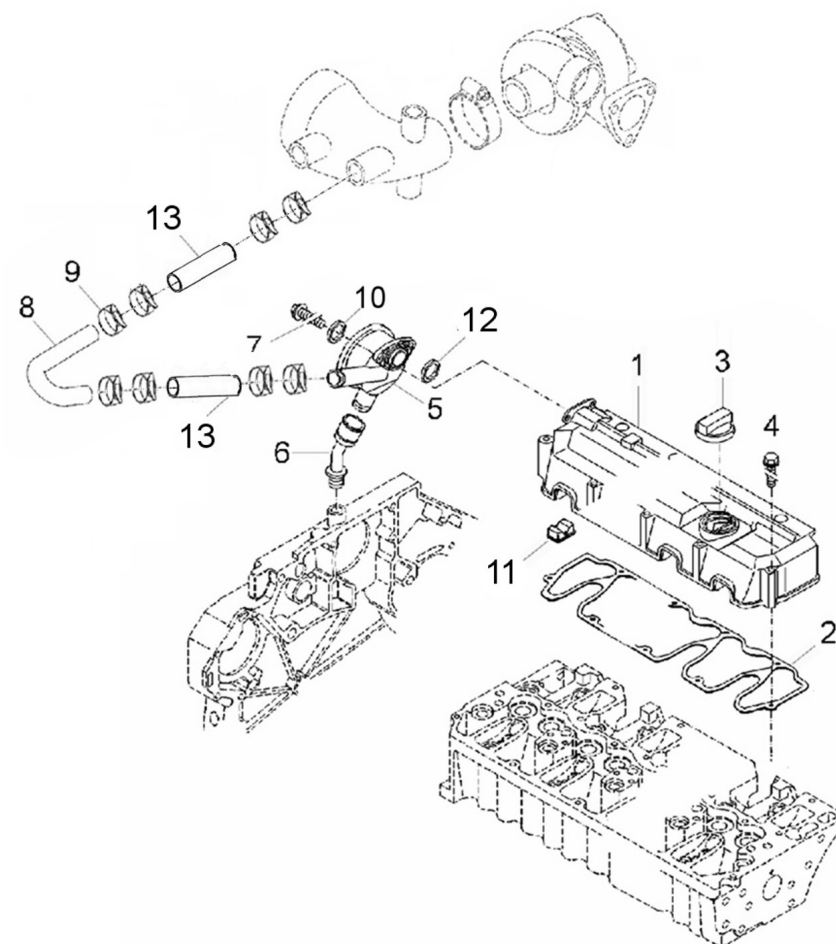
D SDZ109EGTDN 01 1 Cylinder Head

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



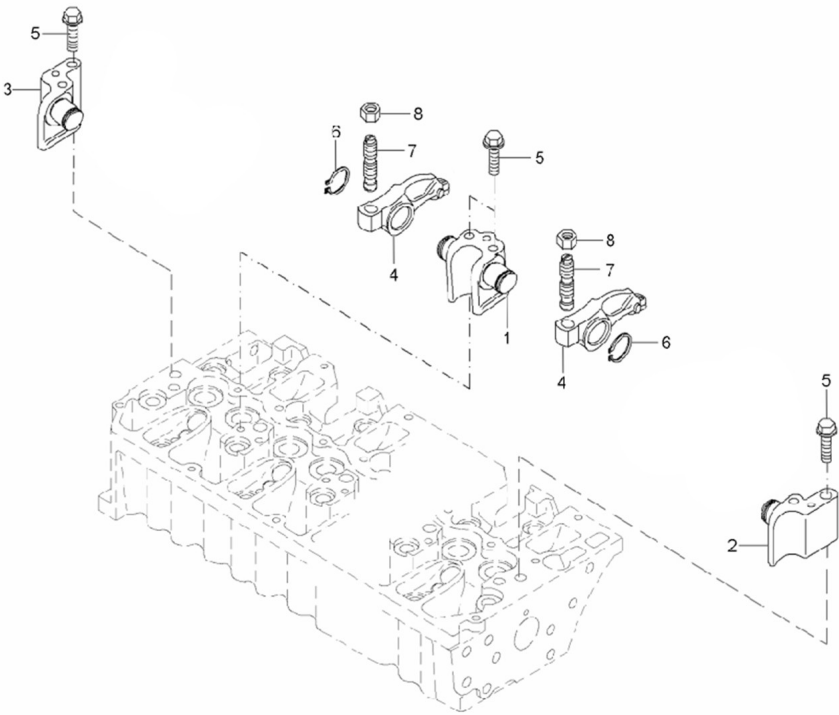
D SDZ109EGTDN 01 2 Rocker Cover & Breather

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	19411077	1	Brass 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			



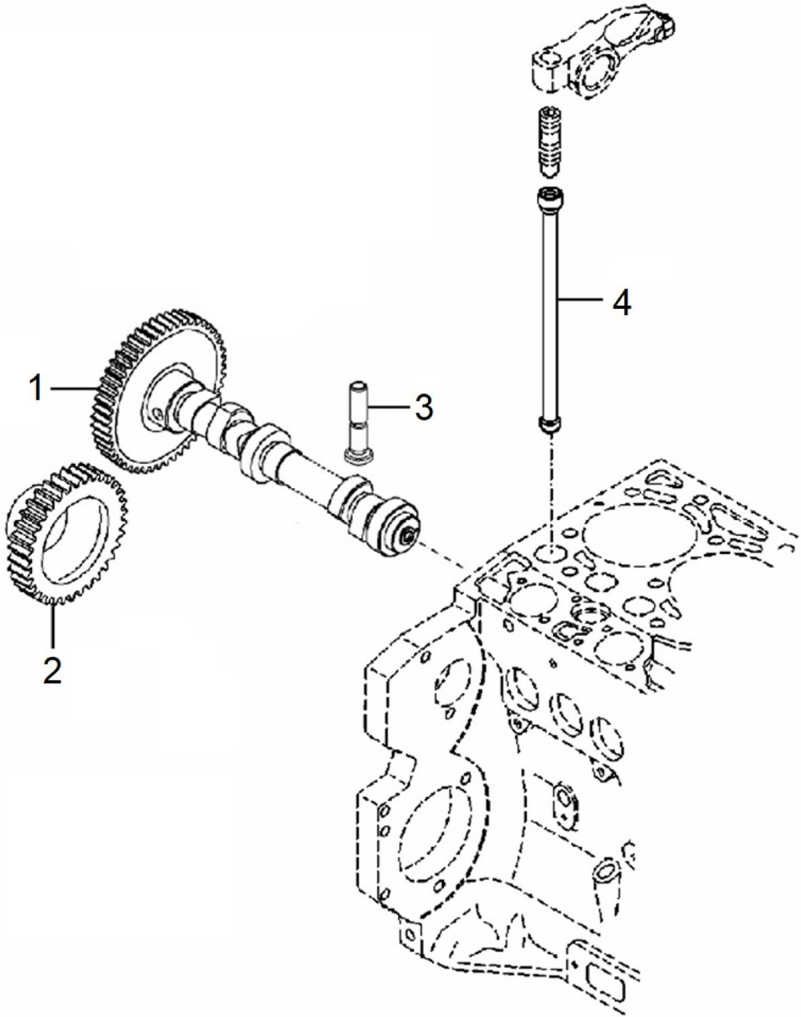
D GJ01 1 3 Valve Drive

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			
DUE DATE BANK TRANSFER						
4	19422042	8	Rocker ARM			
5	19422053	10	HEXAGON Bolt			
6	19422047	8	CIRClip			
7	19622044	8	Screw Adjusting			
8	19422052	8	Nut			



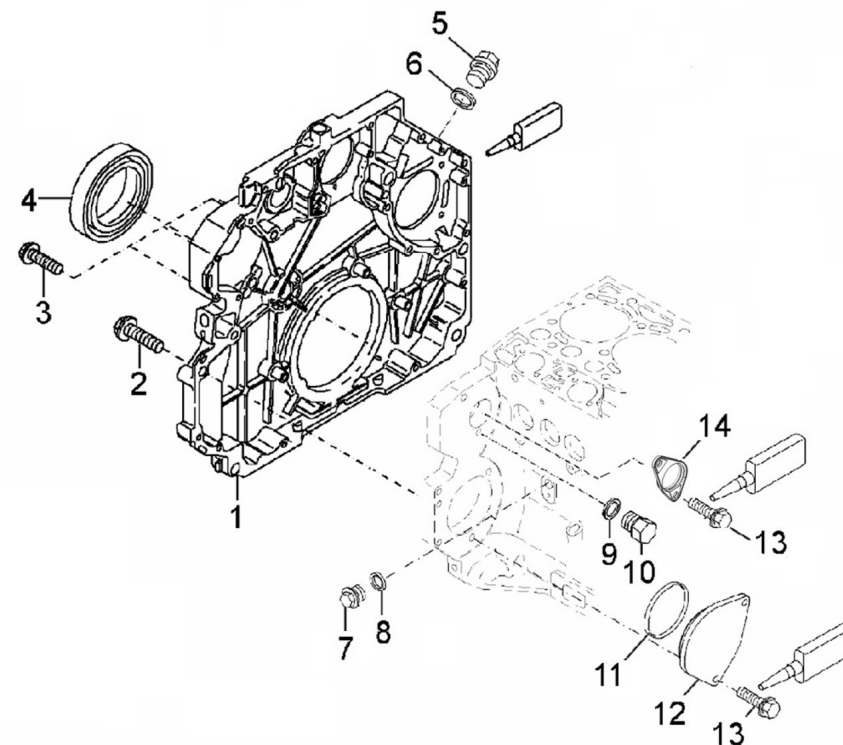
D SDZ165EGTDN 01 4 Timing Parts

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			



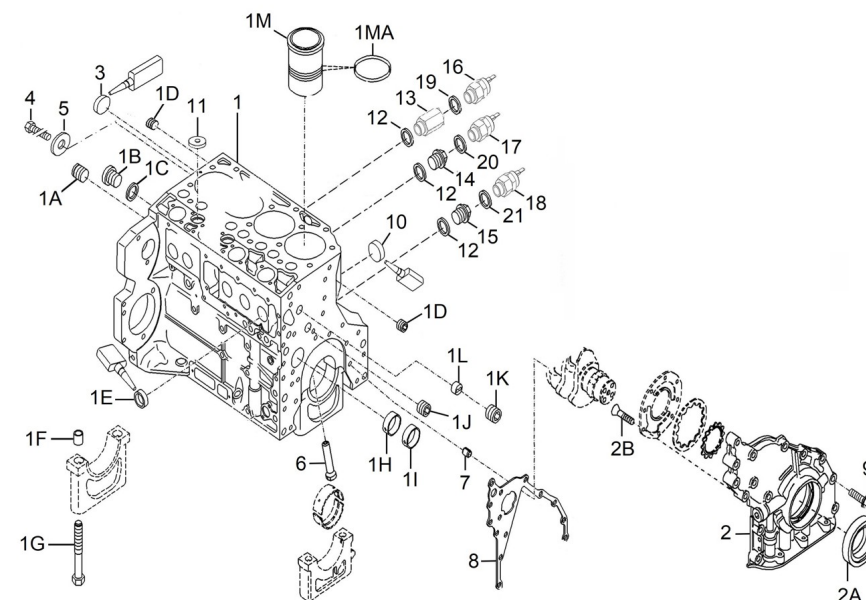
D SDZ109EGTDN 01 5 Case,Gear

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			



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			

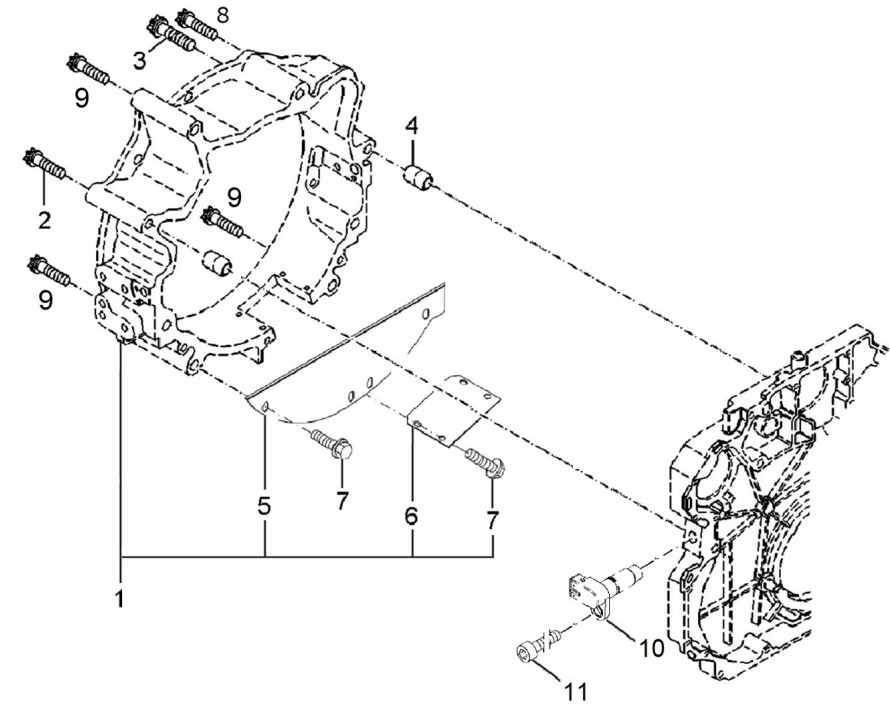


This exploded view diagram illustrates the assembly of a 4-cylinder engine. The main components shown are the engine block (1) and the cylinder head (2). The diagram includes the following numbered parts and sub-assemblies:

- 1**: Engine block
- 2**: Cylinder head
- 1A**, **1B**, **1C**, **1D**, **1E**, **1F**, **1G**: Various bolts and fasteners for the block and head.
- 1H**, **1I**: Washers or spacers.
- 1J**, **1K**, **1L**: Additional fasteners.
- 2A**, **2B**: Components of the valve train assembly, including the camshaft and timing belt.
- 3**: A small bracket or support.
- 4**, **5**: Small pins or clips.
- 6**: A timing belt component.
- 7**: A timing belt guide.
- 8**: A timing belt cover or bracket.
- 9**: A timing belt component.
- 10**: A small bracket or support.
- 11**: A small pin or clip.
- 12**: A small pin or clip.
- 13**, **14**, **15**, **16**, **17**, **18**, **19**, **20**, **21**: Various bolts and fasteners for the head and valve train.
- 1M**, **1MA**: A timing belt and its associated pulley.

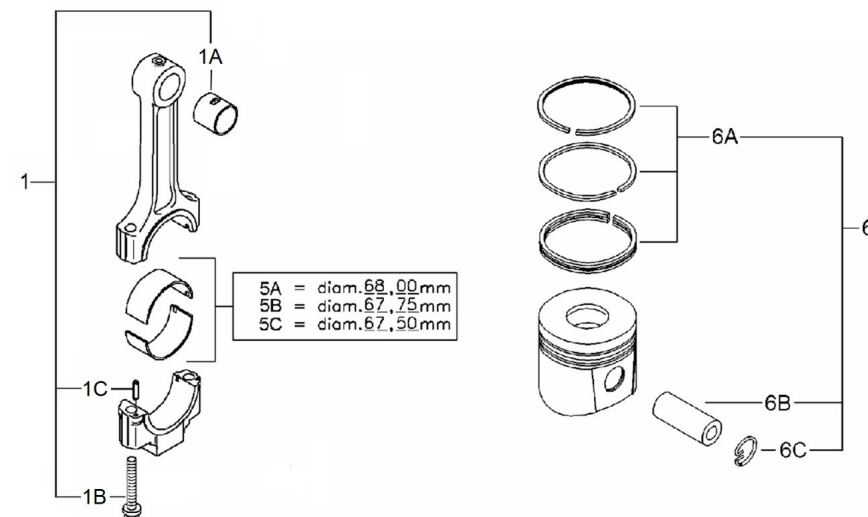
D SDZ109EGTST 01 7 Flywheel Housing

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19420211G.1	1	Connection Housing			
	DUE DATE BANK TRANSFER					
2	19420204G	1	Bolt			
	DUE DATE BANK TRANSFER					
3	19420203	1	Bolt			
	DUE DATE BANK TRANSFER					
4	19420083	2	Bush			
	DUE DATE BANK TRANSFER					
5	19420213	1	Cover			
	DUE DATE BANK TRANSFER					
6	19420205	1	Cover			
	DUE DATE BANK TRANSFER					
7	19428054	7	Screw			
	DUE DATE BANK TRANSFER					
8	19420204	1	Bolt			
	DUE DATE BANK TRANSFER					
9	19420203G	3	Bolt			
	DUE DATE BANK TRANSFER					
10	19427188	1	Impulsetransmitter			
	DUE DATE BANK TRANSFER					
11	19427038	1	HEXAGON Bolt			
	DUE DATE BANK TRANSFER					



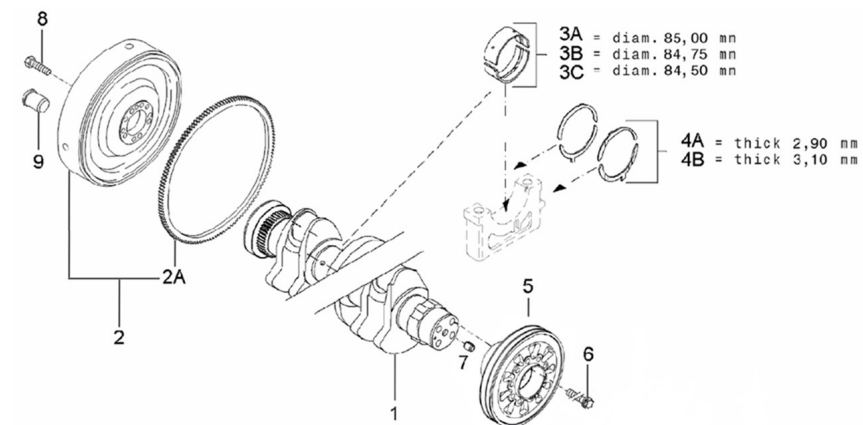
D SDZ165EGTDN 01 8 Piston & Connecting Rod

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			



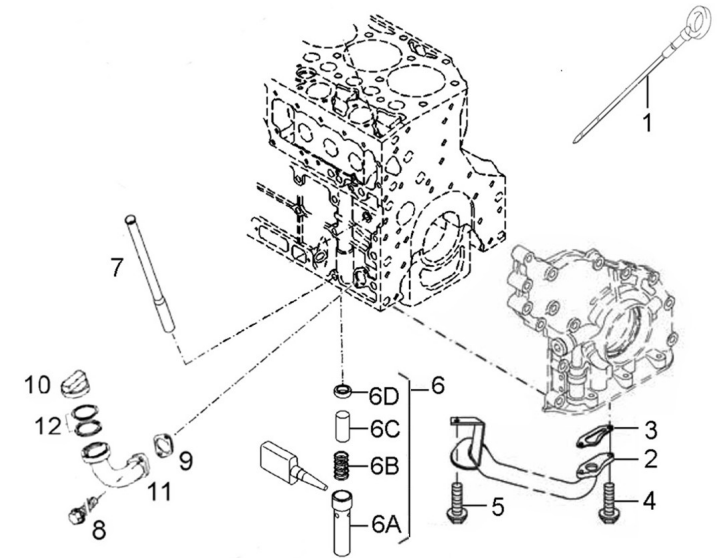
D GJ01 1 9 **Crankshaft & Flywheel**

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			



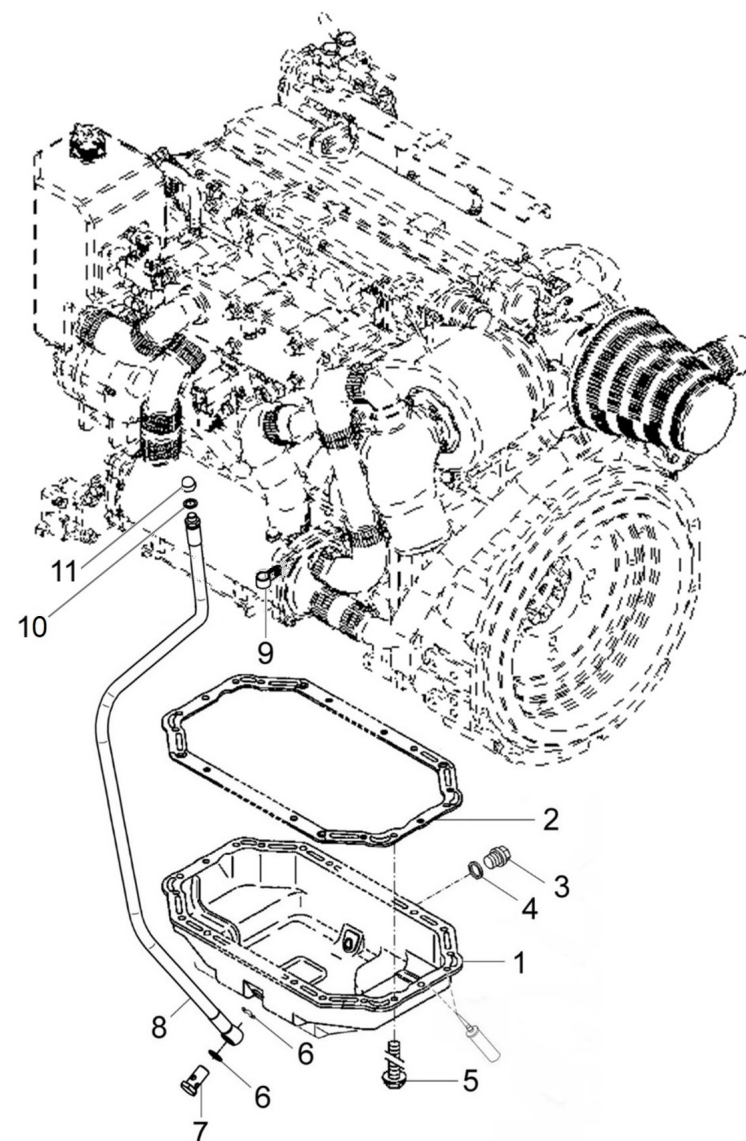
D_GJ01_1_10 Oil Sysem

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			



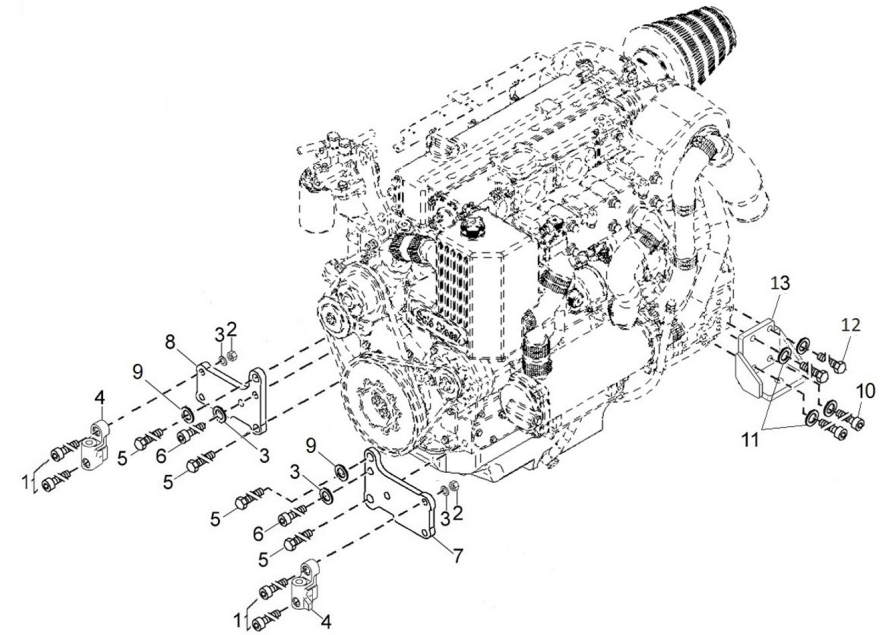
D GJ01 1 11 Oil Pan

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19420030	1	Oil PAN			
2	19420033	1	Gasket			
3	19420031	1	Plug			
DUE DATE BANK TRANSFER						
4	19420032.1	1	Gasket			
DUE DATE BANK TRANSFER						
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			



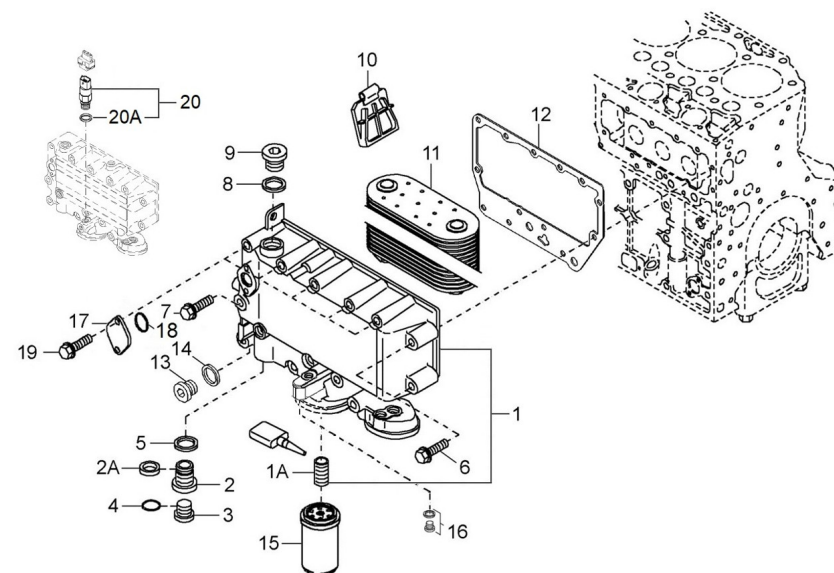
D GJ01 1 12 Engine Brackets

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



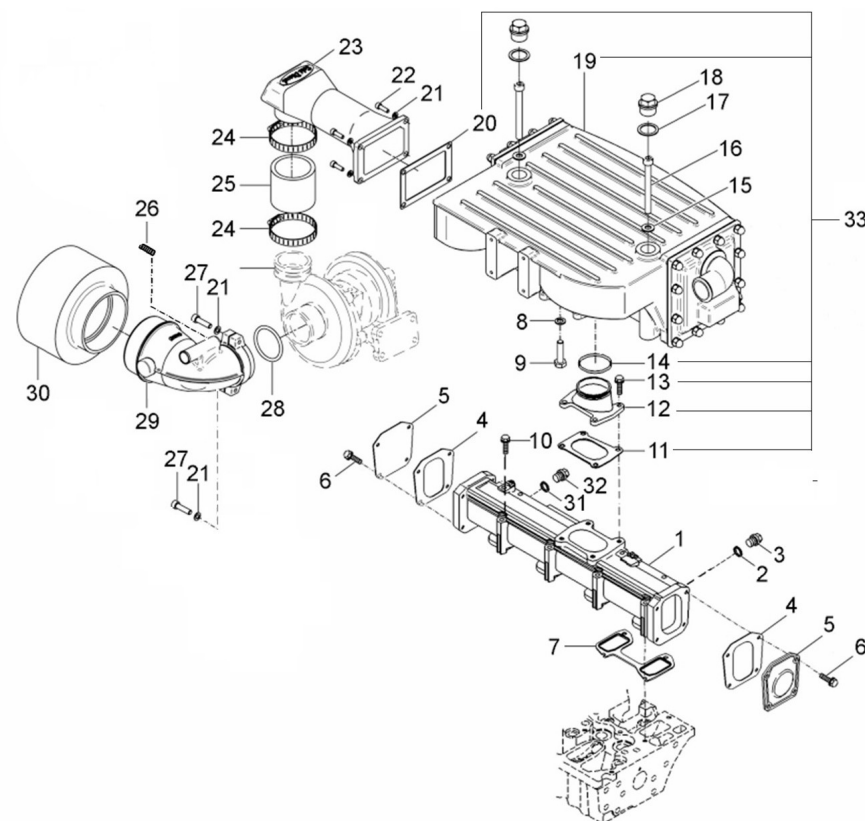
D SDZ109EGTDN 01 13 Cooler Assy,oil

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			



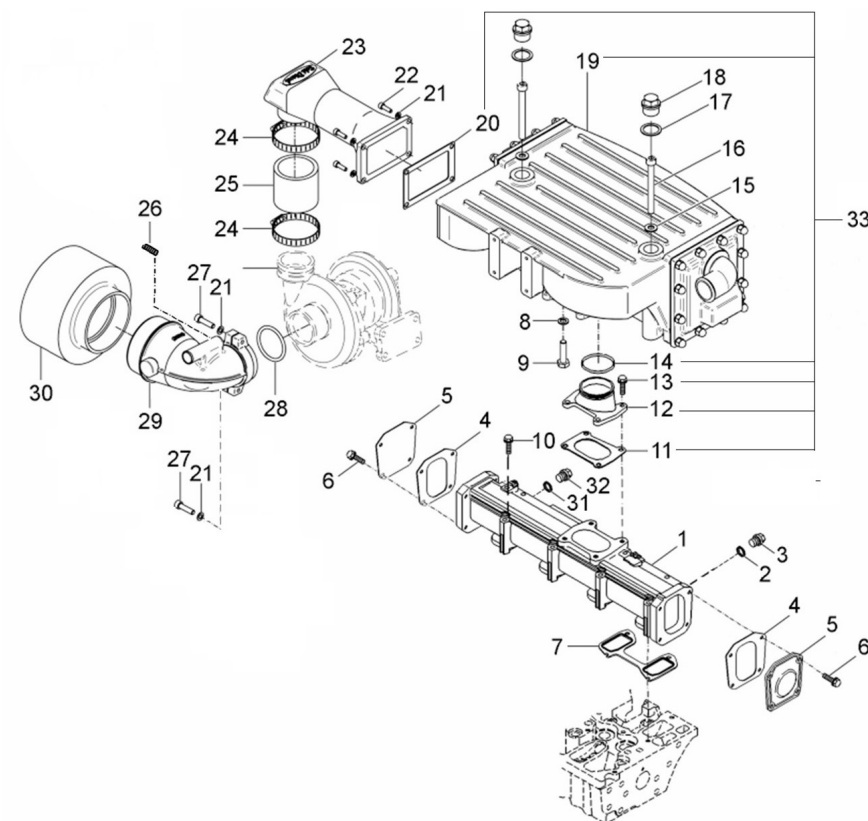
D_GI01_2_1 **Inlet**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19421080	1	CHARGE Air Pipe			
2	19420059G	1	SealING Ring			
	DUE DATE BANK TRANSFER					
3	19420063	1	Screw Plug			
4	19421047	1	Gasket			
5	19421045	1	Cover			
6	19420036	8	Screw			
	DUE DATE BANK TRANSFER					
7	19421063	2	Gasket			
8	53033008	2	Washer GROWER DIN 127-8			
	DUE DATE BANK TRANSFER					
9	52101311	2	Bolt DIN 931 M10-40 8.8			
	DUE DATE BANK TRANSFER					
10	19421012	8	HEXAGON Bolt			
11	19421034	1	Gasket			
	DUE DATE BANK TRANSFER					
12	19410014	1	Adaptor			
13A	52102158	4	Bolt DIN 933 M6-25 8.8			
13B	51030006	4	Washer DIN 125-6			
	DUE DATE BANK TRANSFER					
13C	53033006	4	Washer GROWER DIN 127-6			
14	19421033	1	O-Ring D. 70X5 VITON			
15	56000061	2	Washer 10-16-1,5			
	DUE DATE BANK TRANSFER					
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			
	DUE DATE BANK TRANSFER					
20	LOCT5900.50	1	LOCTITE 5900 50ml			
	DUE DATE BANK TRANSFER					

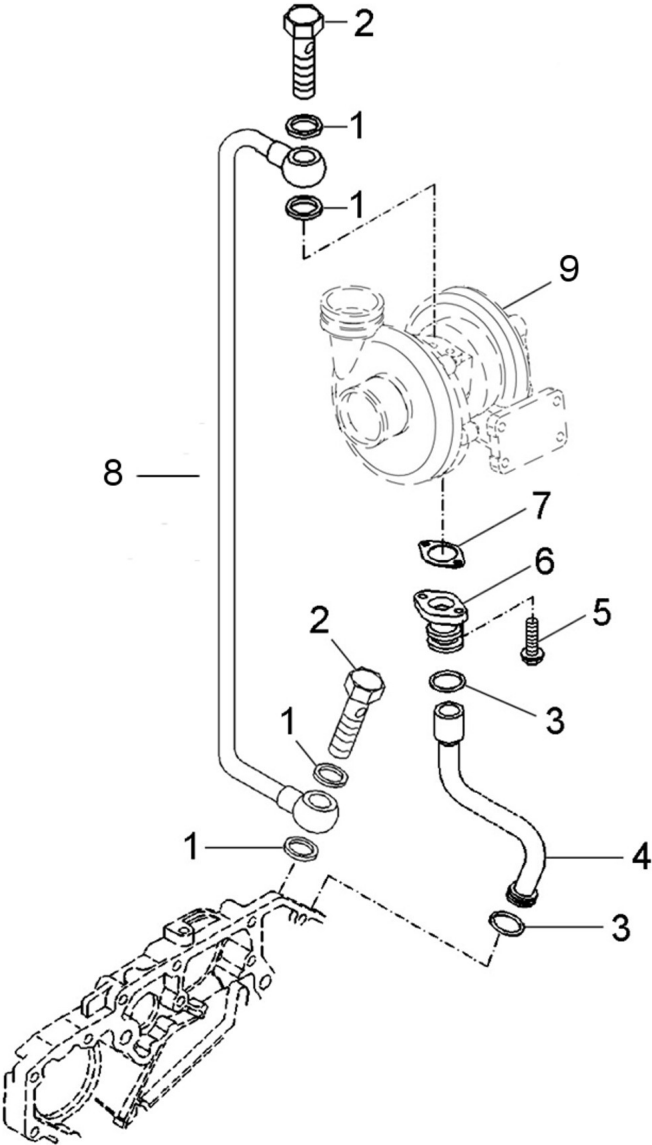


D_GI01_2_1 Inlet

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
21	53038008	6	Washer DIN 6798-A 8			
	DUE DATE BANK TRANSFER					
22	52103257	4	Bolt DIN 912 M8-20 8.8			
23	19410017	1	Turbocharger, Adaptor			
24	54083079	2	GP Clamp 68-73 W4 STC			
	DUE DATE BANK TRANSFER					
25	19410030	1	Hose			
26	52111157	1	ROD DIN 913 M6-20 8.8			29/07/2019
	DUE DATE BANK TRANSFER					
26	52111257	1	ROD DIN 913 M8-20 8.8		30/07/2019	
	DUE DATE BANK TRANSFER					
27	52103259	2	Bolt DIN 912 M8-30 8.8			
28	19410023G	1	O-Ring D. 78X4 VITON			
29	19410015G	1	Air Filter Nozzle Support			
30	19410032	1	Air Filter			
	DUE DATE BANK TRANSFER					
31	19424087	1	SealING Ring			
	DUE DATE BANK TRANSFER					
32	19421020G	1	Screw Plug			
	DUE DATE BANK TRANSFER					
33	19410016REC	1	Spare Intercooler Kit			
	DUE DATE BANK TRANSFER					
NS	17111060	1	Plate "SOLE Diesel"	✗		
NS	17111063	2	Bolt	✗		
NS	17111067	1	Plate "SOLE ADVANCE"	✗		

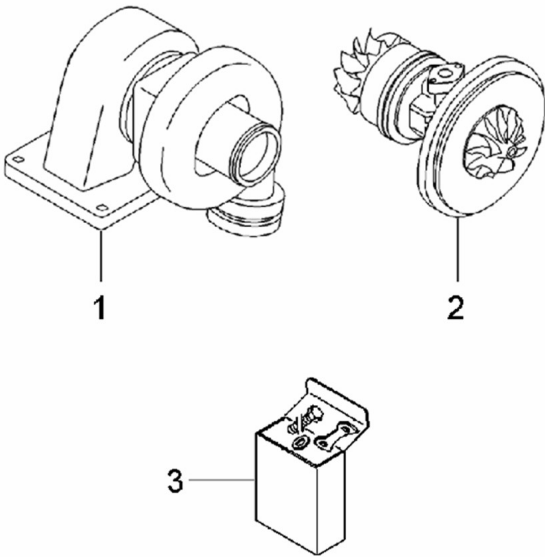


D_GI01_2_2		Turbocharger				
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19421016	4	SealING Ring			
2	19424066	2	Screw			
3	19428063	2	SealING Ring			
4	19428010	1	Retur Line			
5	19420163	2	Screw			
6	19428011	1	Plug-in Flange			
7	19428062	1	Gasket			
8	19424090G.1	1	Lubrication Oil Line			



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			

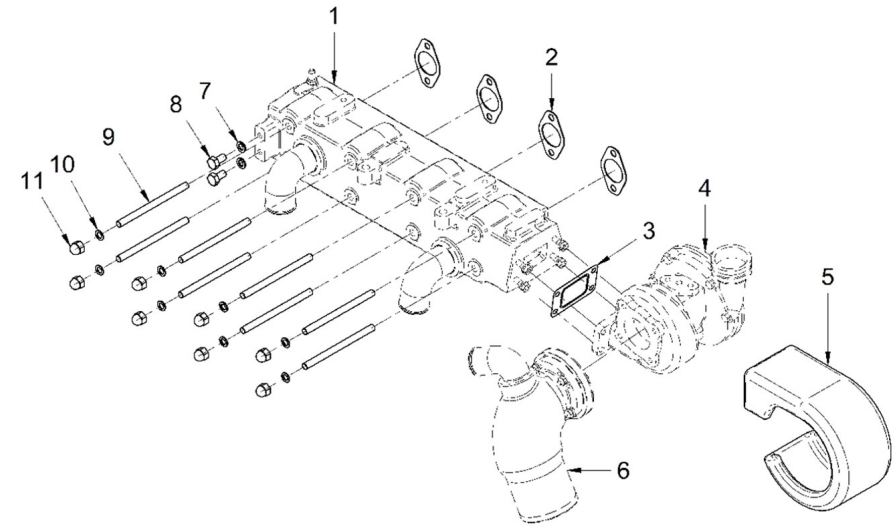


Genset 115 GT/GTC & 120 GTA/GTAC Parallel

Inlet & Exhaust

D GI01 2 4 Exhaust Manifold

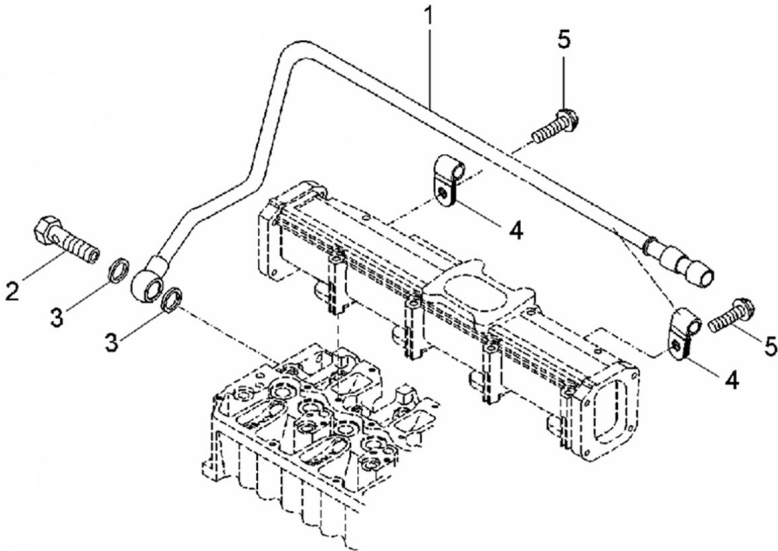
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19413000	1	MANIFOLD, Assy			
2	19421181.2	4	Gasket			
3	19421183.2	1	Gasket			
4	19428012G.1	1	Turbocharger, Assy		20/11/2019	
DUE DATE BANK TRANSFER						
5	19118010	1	Termic, bucklers			
6	19413016	1	Elbow, WET Exhaust		20/11/2019	
DUE DATE BANK TRANSFER						
7	53033010	2	Washer GROWER DIN 127-10			
8	52102307	2	Bolt DIN 933 M10-20 8.8			
9	19413002	8	Stud			
10	56000061	12	Washer 10-16-1,5			
11	13511013	12	Nut DIN 1587 M10			



Genset 115 GT/GTC & 120 GTA/GTAC Parallel

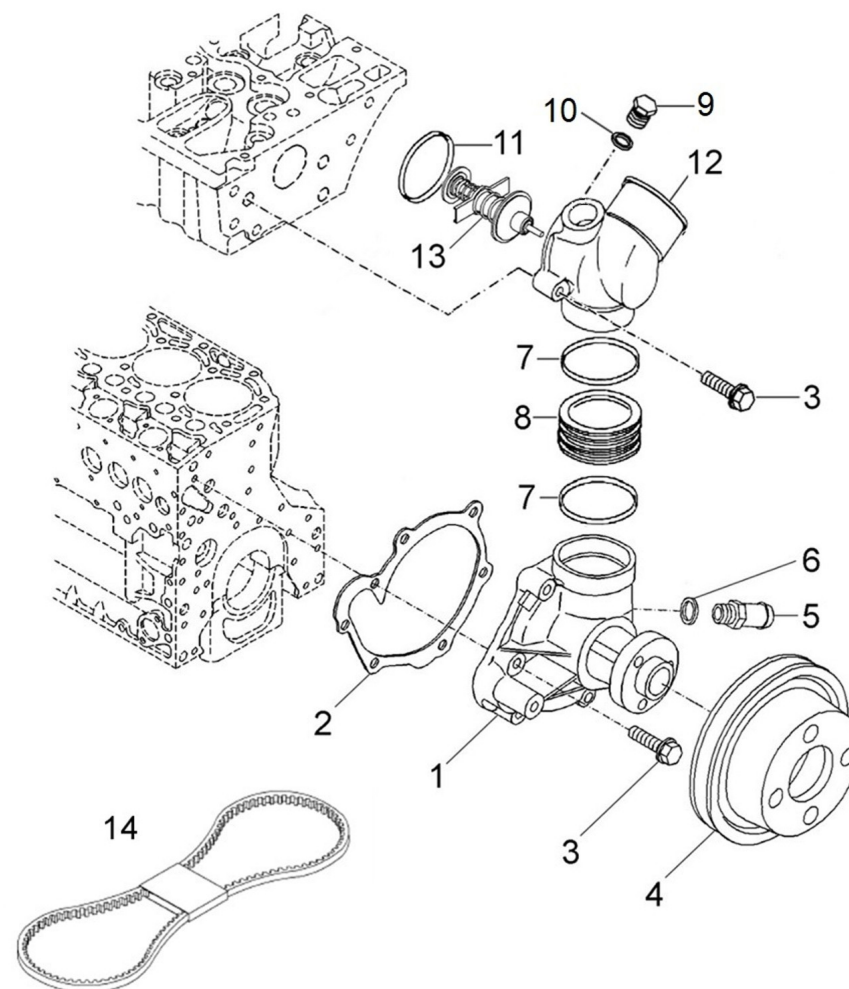
Inlet & Exhaust

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			



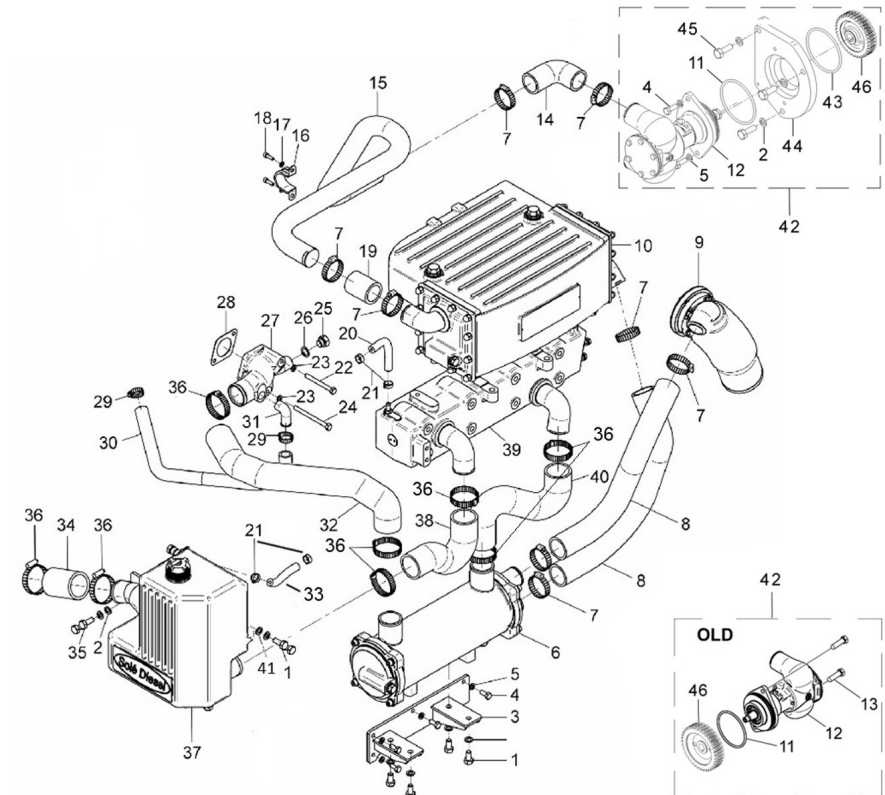
D SDZ109EGTDN 03 1 Water Pump

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			



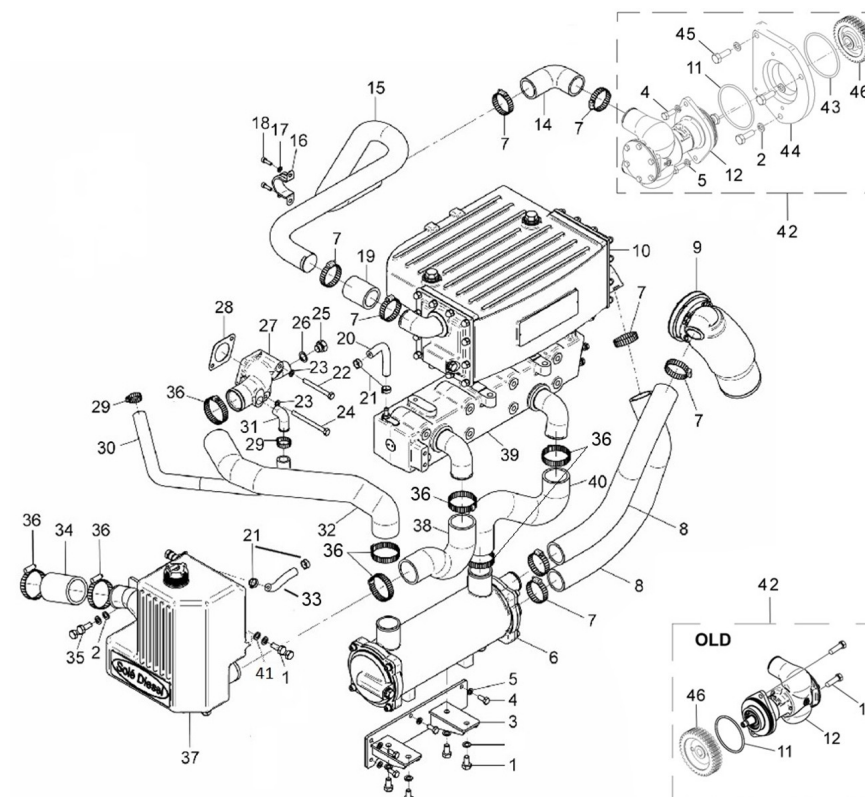
D GI01 3 2 **Cooler Pipes**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	52102307	6	Bolt DIN 933 M10-20 8.8			
2	53033010	9	Washer GROWER DIN 127-10			
	DUE DATE BANK TRANSFER					
3	19411014	1	Bracket			
4	52102257	6	Bolt DIN 933 M8-20 8.8			
	DUE DATE BANK TRANSFER					
5	53033008	6	Washer GROWER DIN 127-8			
	DUE DATE BANK TRANSFER					
6	19411000	1	Water Cooler Assy SDZ-109/165/175E			
6	19411000R	1	Water Cooler Assy SDZ-109/165/175E/205/280(R)			
7	54082032	8	Clamp DIN 3017 32-50/12 W4			
8	19411037	2	Pipe 42-52-580			
9	19413016	1	Elbow, WET Exhaust			
10	19410016B	1	Air Cooler, Assy			
11	19420221	1	O-Ring D. 82X4 VITON			
12	39411000	1	Key Pump SDZ-165/205/280 Gr-109/165			
13	54102154	2	Bolt DIN 933 M6-10 INOX			
14	19411015	1	Elbow			
15	19411016	1	Pipe			31/12/2022
	DUE DATE BANK TRANSFER					
15	19411094	1	Pump Pipe D.42		01/01/2023	
	DUE DATE BANK TRANSFER					
16	59071452	1	Clamp 1 42/15 W1			
17	51030006	2	Washer DIN 125-6			
18	52103157	2	Bolt DIN 912 M6-20 8.8			
19	19411045	1	Pipe 42-54-90			
20	19528050	1	Breather Line			
21	54081008	4	Clamp DIN 3017 8-16 W4			
22	52101269	1	Bolt DIN 931 M8-80 8.8			
23	53038008	2	Washer DIN 6798-A 8			
24	52101273	1	Bolt DIN 931 M8-100 8.8			



D GI01 3 2 **Cooler Pipes**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
25	12111076	1	Plug			
26	56000073	1	Copper Washer 16-23-1,5			
27	19411011	1	Cooler Water Inlet BEND			
28	19411010	1	Gasket			
29	54081020	2	Clamp DIN 3017 20-32/9 W4			
30	M81560022	1.0	Cooling Hose SDZ Group Earth Isolated D. 22		05/07/2022	
	DUE DATE BANK TRANSFER					
30	M87501927	1	Water Intake Hose (HQ) D. 19-27			05/07/2022
	DUE DATE BANK TRANSFER					
31	13211027	1	Water Inlet Bend			
32	19411020	1	Hose			
33	19411041	1	Purge Hose			
34	19411043	1	Pipe 48-60-85			
35	52102308	2	Bolt DIN 933 M10-25 8.8			
36	54082040	8	Clamp DIN 3017 40-60/12 W4			
37	19411009	1	Expansion Tank			
38	19411019	1	Hose			
39	19413000	1	MANIFold,Assy			
40	19611020G	1	Hose			
41	53038010	2	Washer DIN 6798-A 10			
42	39411000A19	1	Key Pump SDZ-165/205/280 GR-109/165, KIT			31/12/2022
	DUE DATE BANK TRANSFER					
42	39411000A22	1	KEY PUMP SDZ-165/205/280 GR-109/165 (2022), Kit		01/01/2023	
	DUE DATE BANK TRANSFER					
43	19610021	1	O-Ring D. 90X4 VITON			
	DUE DATE BANK TRANSFER					
44	19610060	1	Pump Adaptor			
	DUE DATE BANK TRANSFER					
45	52102309	3	Bolt DIN 933 M10-30 8.8			
	DUE DATE BANK TRANSFER					
46	19421124	1	Toothed Gear			
	DUE DATE BANK TRANSFER					

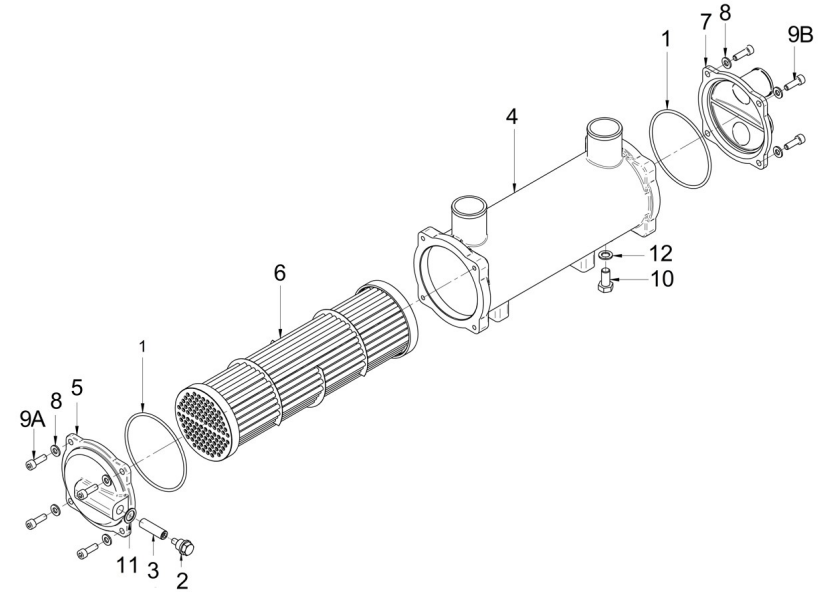


Genset 115 GT/GTC & 120 GTA/GTAC Parallel

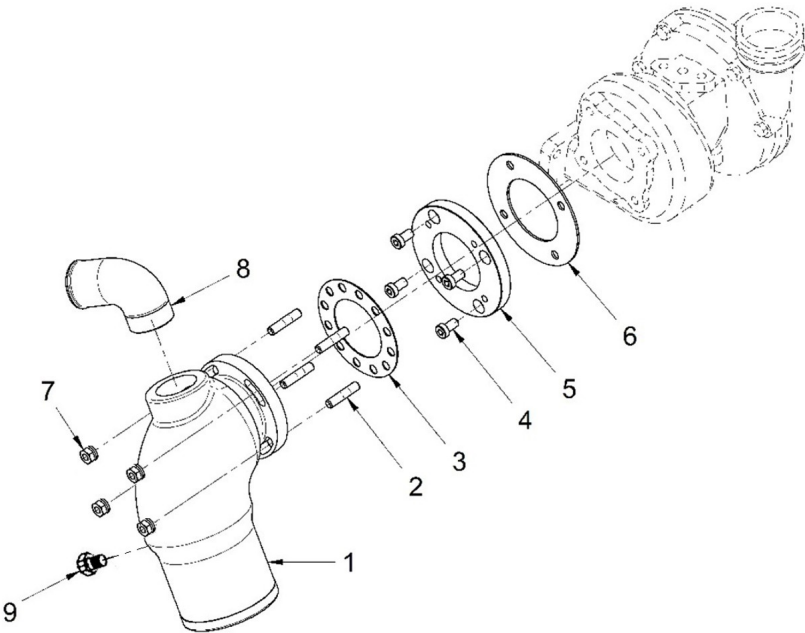
Cooling System

19411000 Water Cooler Assy SDZ-109/165/175E

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			

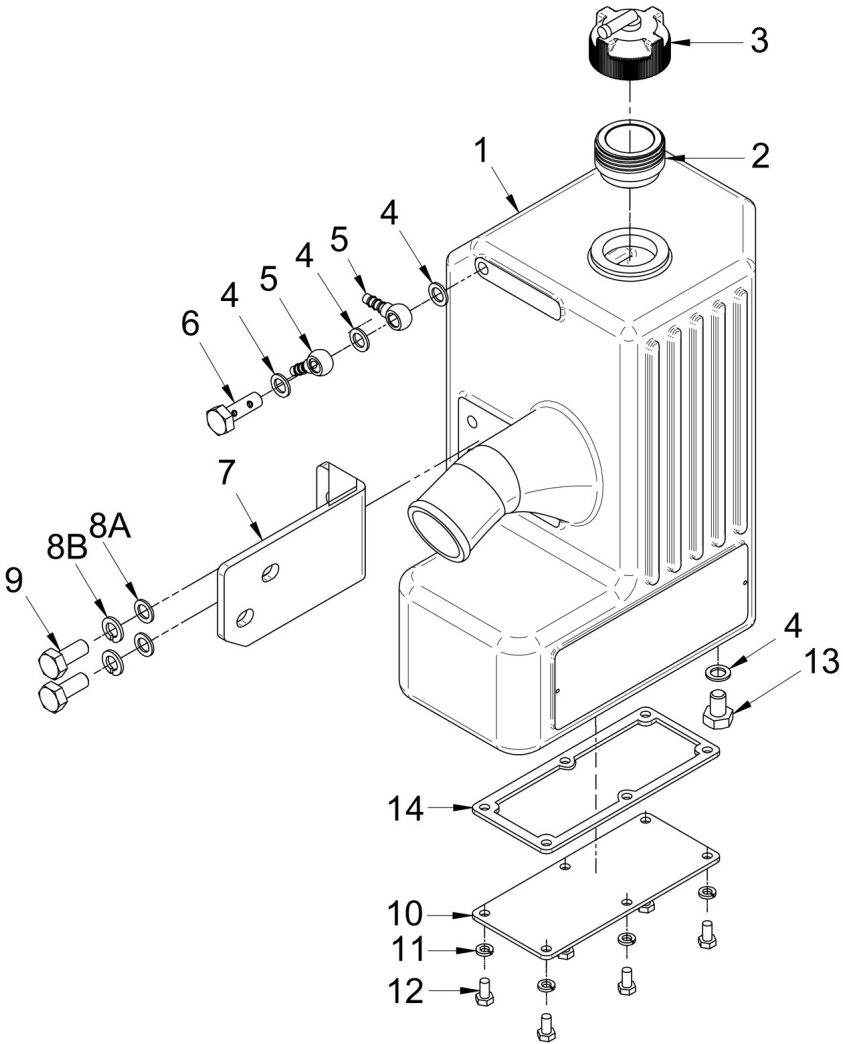


D GJ01 3 3			Wet Exhaust			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19413016	1	Elbow, WET Exhaust			
2	19411028	4	Stud			
3	16513016	1	Exhaust Elbow Gasket			
4	52103256	4	Bolt DIN 912 M8-16 8.8			
5	19413014	1	Adaptor			
6	19413013	1	Gasket			
7	51125008	4	Nut Exhaust			
DUE DATE BANK TRANSFER						
8	16511009	1	Elbow			
DUE DATE BANK TRANSFER						
9	55102405	1	Bolt DIN 933 M14-1,50-12 Brass		01/03/2025	
DUE DATE BANK TRANSFER						



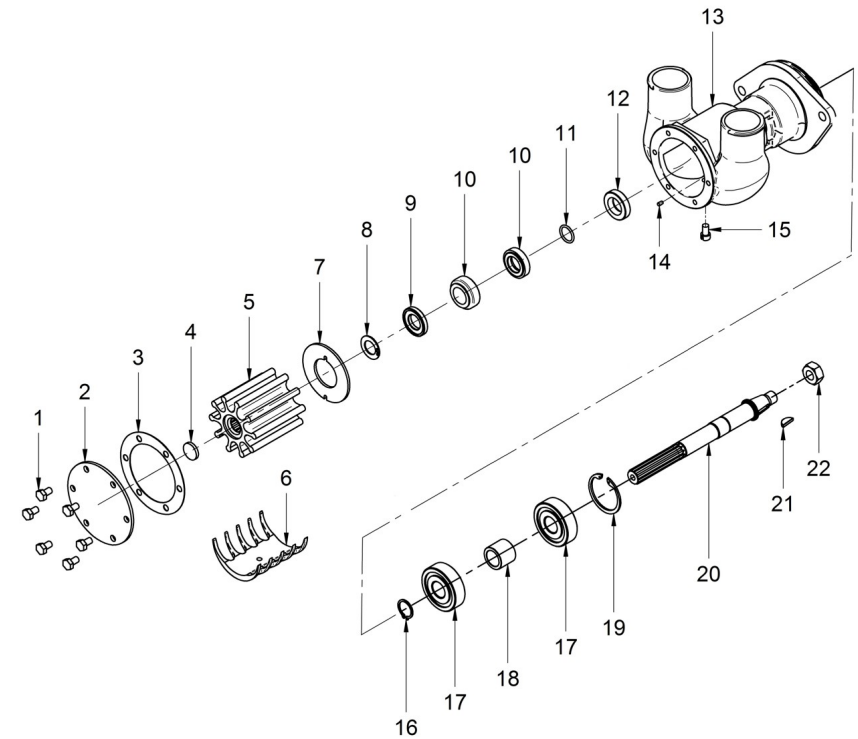
19411009 Expansion Tank

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19411009.1	1	Expansion Tank, Body			
	DUE DATE BANK TRANSFER					
2	17411004	1	Adapter, MTA Cap			
	DUE DATE BANK TRANSFER					
3	13811010	1	Cap			
	DUE DATE BANK TRANSFER					
4	56000061	4	Washer 10-16-1,5			
	DUE DATE BANK TRANSFER					
5	17614016	2	COLLAR,Union			
	DUE DATE BANK TRANSFER					
6	19411040	1	1/8" GAS HOLLOW Screw			
	DUE DATE BANK TRANSFER					
7	19411009.2	1	Bracket			
	DUE DATE BANK TRANSFER					
8A	51030010	2	Washer DIN 125-10			
	DUE DATE BANK TRANSFER					
8B	53033010	2	Washer GROWER DIN 127-10			
	DUE DATE BANK TRANSFER					
9	52102307	2	Bolt DIN 933 M10-20 8.8			
	DUE DATE BANK TRANSFER					
10	18211002	1	Cover			
	DUE DATE BANK TRANSFER					
11	53033006	6	Washer GROWER DIN 127-6			
	DUE DATE BANK TRANSFER					
12	52102155	6	Bolt DIN 933 M6-12 8.8			
	DUE DATE BANK TRANSFER					
13	52102306	1	Bolt DIN 933 M10-15 8.8			
	DUE DATE BANK TRANSFER					
14	19411060	1	Expansion Tank Cover Gasket		13/09/2024	
	DUE DATE BANK TRANSFER					



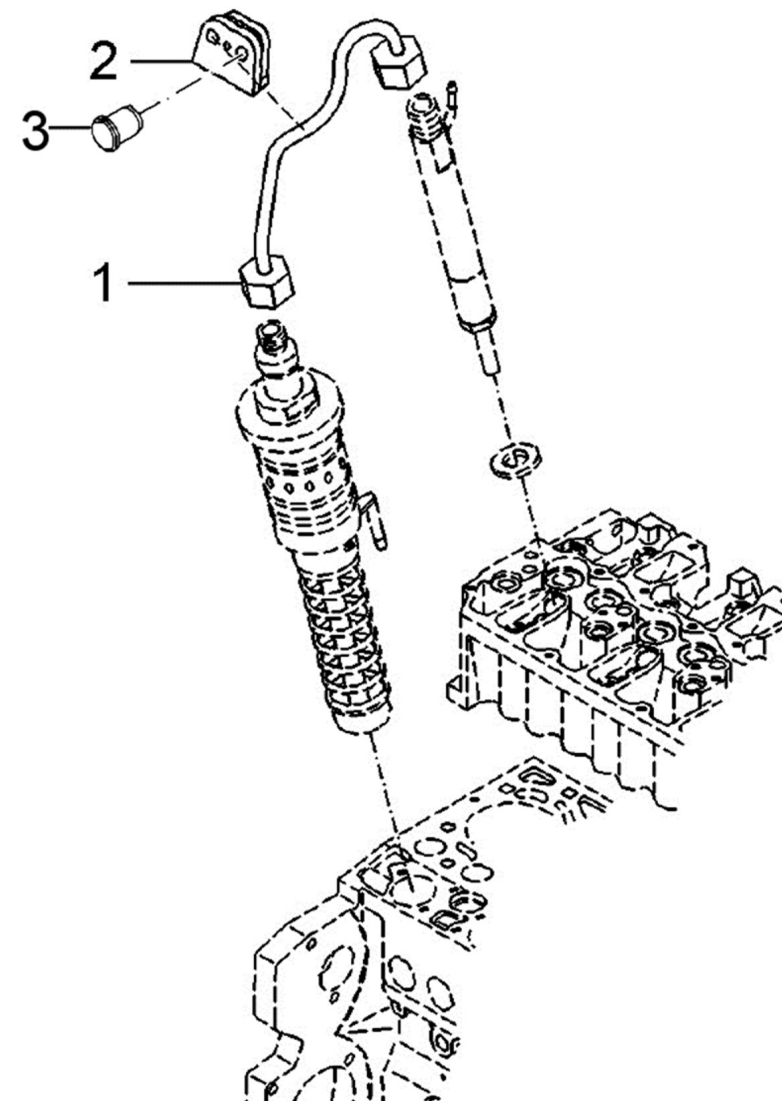
39411000 Key Pump SDZ-165/205/280 Gr-109/165

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			
DUE DATE BANK TRANSFER						
5	39411008.1	1	1" L.68 Impeller Nitrile			
DUE DATE BANK TRANSFER						
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			



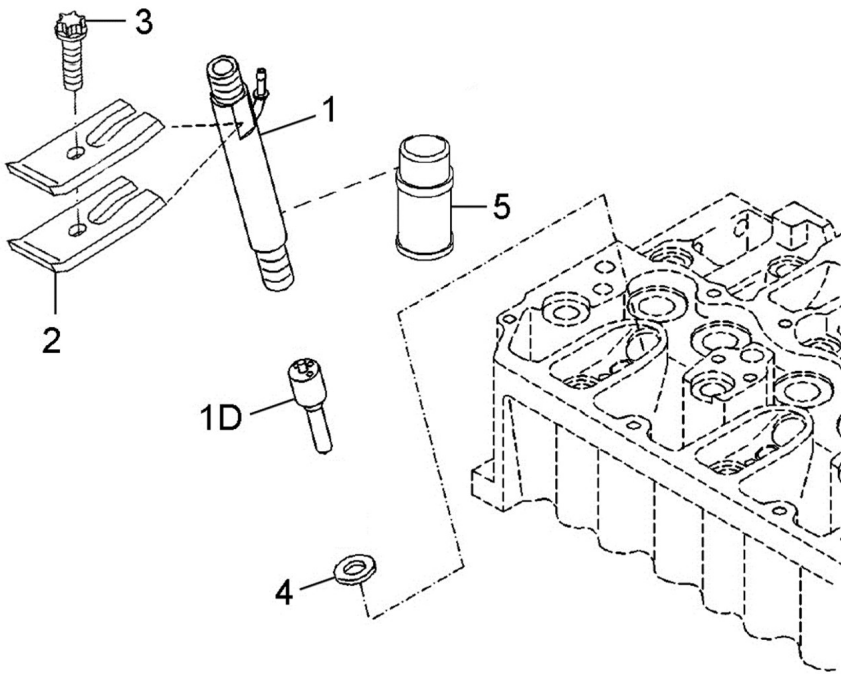
D_GI01_4_1 **Fuel Pipe**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19424052	4	Pipe Injection			
2	19421018	4	Rubber Seal			
3	19424068	4	Plug			



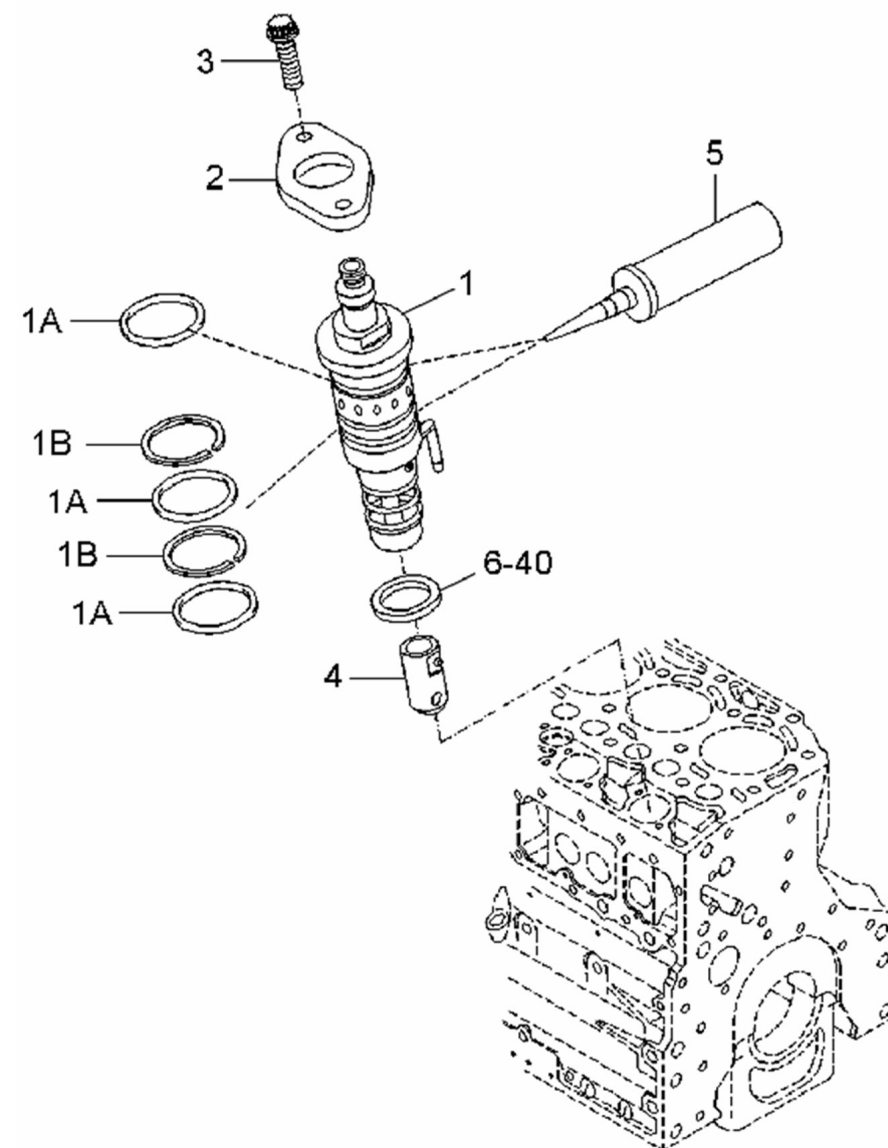
D_GI01_4_2Injection Nozzle

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			



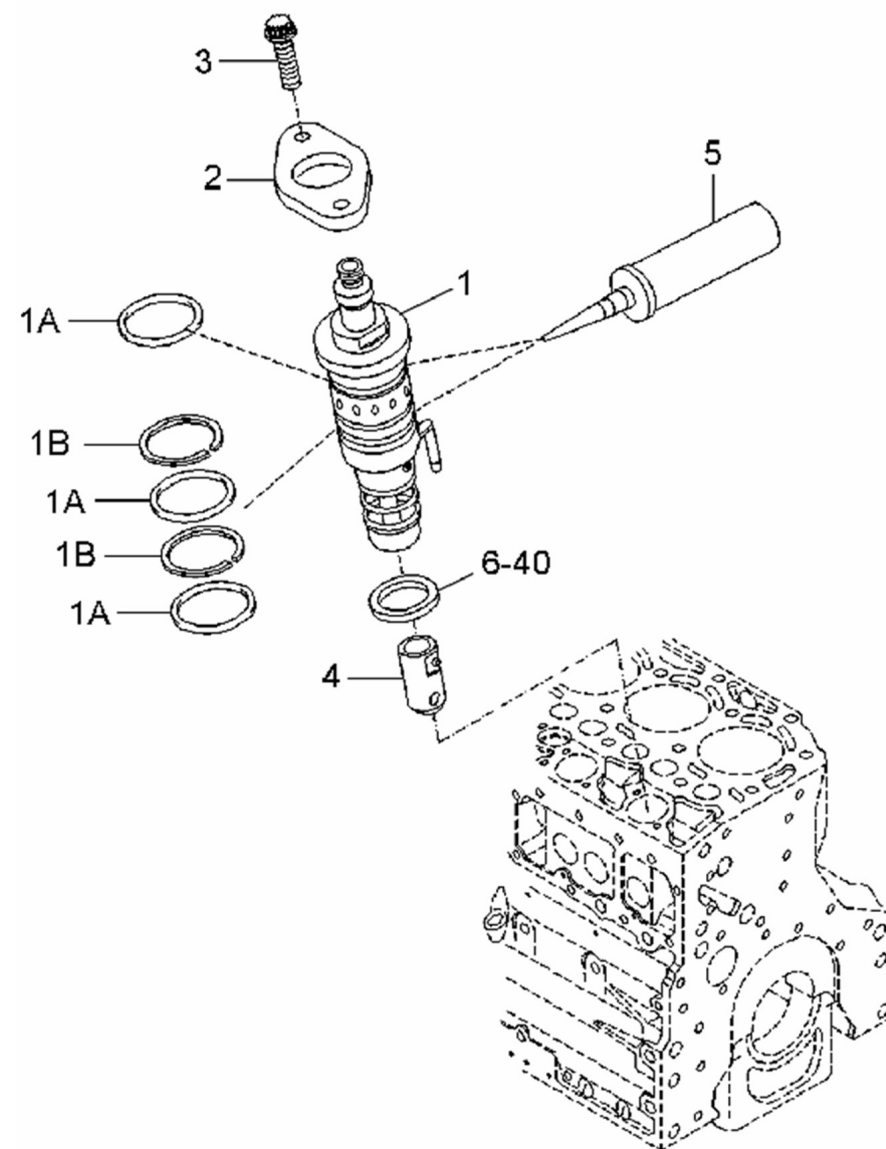
D GI01 4 3 Fuel Injection Pump

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	#		



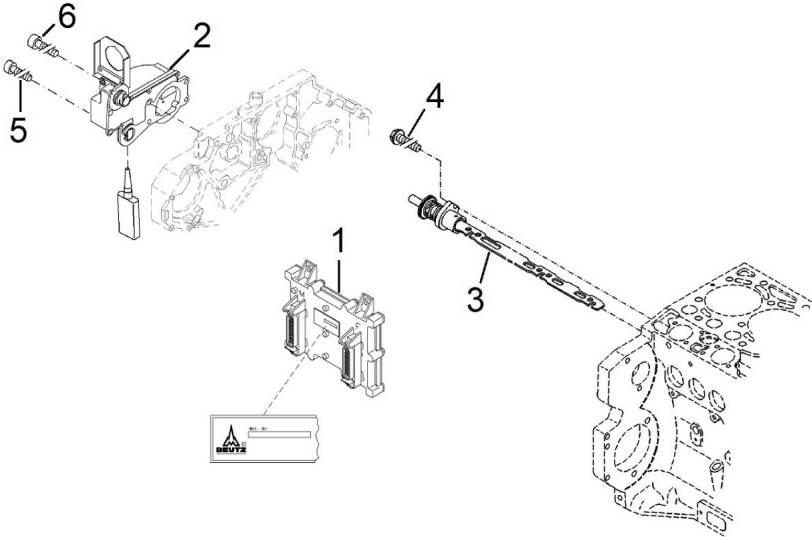
D GI01 4 3 **Fuel Injection Pump**

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	#		



D SDZ109EGTDN 04 4 Regulator

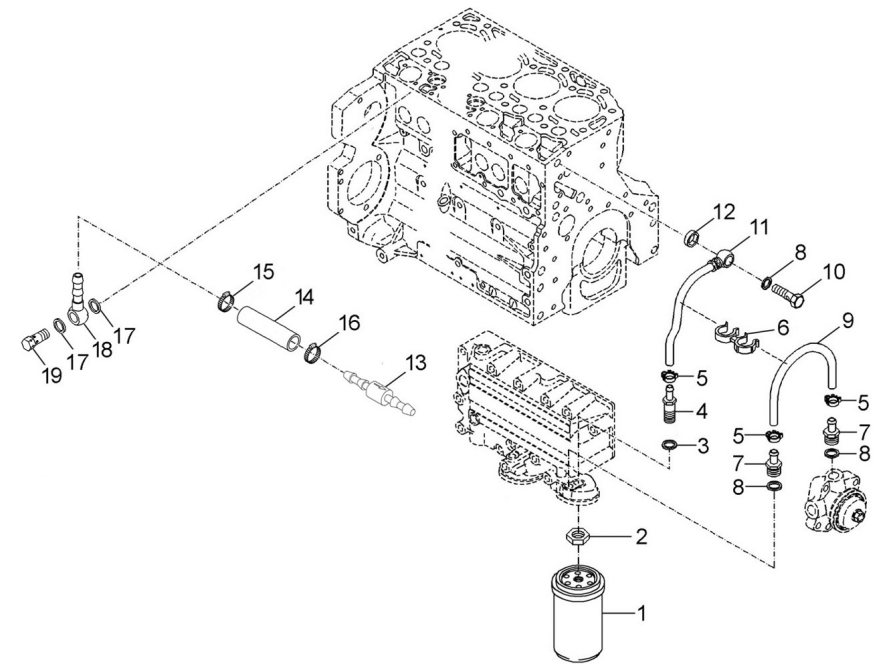
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19423019	1	ECU Group SDZ-109E EMR			
2	19427190	1	Actuator			
3	19423025	1	Control ROD			
4	19423026	1	HEXAGON Bolt			
5	19427154.1	3	Cheese head screw			
6	19427153.1	2	Cheese head screw			



Genset 115 GT/GTC & 120 GTA/GTAC Parallel

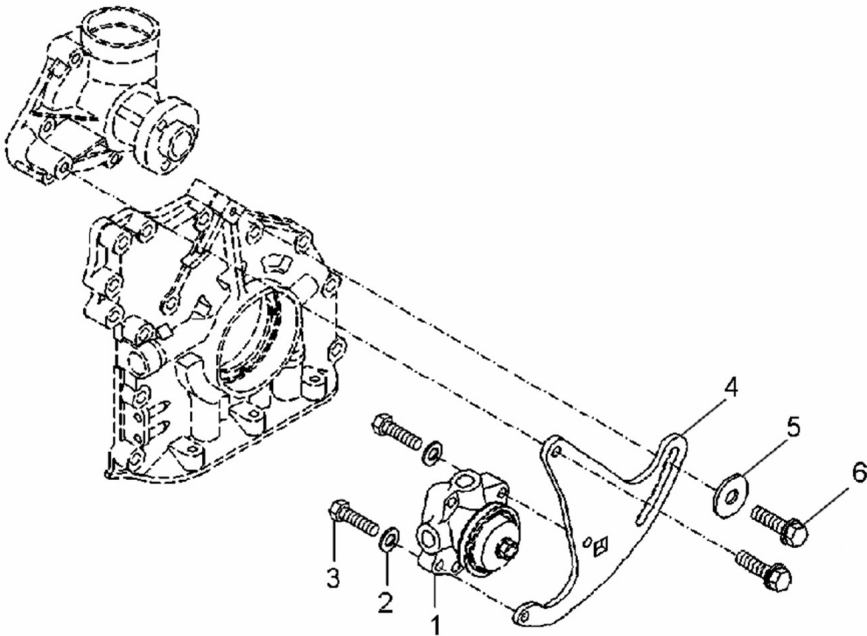
Fuel System

D_GI01_4_5					Fuel Filter
Fig.	Ref.	Qty.	Descr.	Obs	From UpTo
1	19424022.1	1	Fuel Filter Element Deutz		
2	19424065	1	HEXAGON Nut		
3	19420060G	1	Sealing Ring		
4	19424057.1	1	Hose Sleeve		
5	19424058.1	3	Clamp		
6	19424059.1	1	Hose Retanier		
7	19424049.1	2	Nipple		
8	19420059G	3	SealING Ring		
9	19424061.2	1	Fuel Pipe		
10	12814051	1	Screw,eye		
11	19424060.2	1	Fuel Line		04/12/2019
12	19424062	1	SealING Ring		
13	19424001	1	Valve Assy		
14	19414003.1	1	Rubber Pipe		
15	51086017	1	ONE EAR Clamp With INTERIOR Ring 15-17,3		
16	51086018	1	ONE EAR Clamp With INTERIOR Ring 16-18,3		
17	19421116	2	SealING Ring		
18	19424097	1	Hose Fitting		
19	19424053	1	Valve Assy		
NS	19424067.1	1	Corrugated Tube		



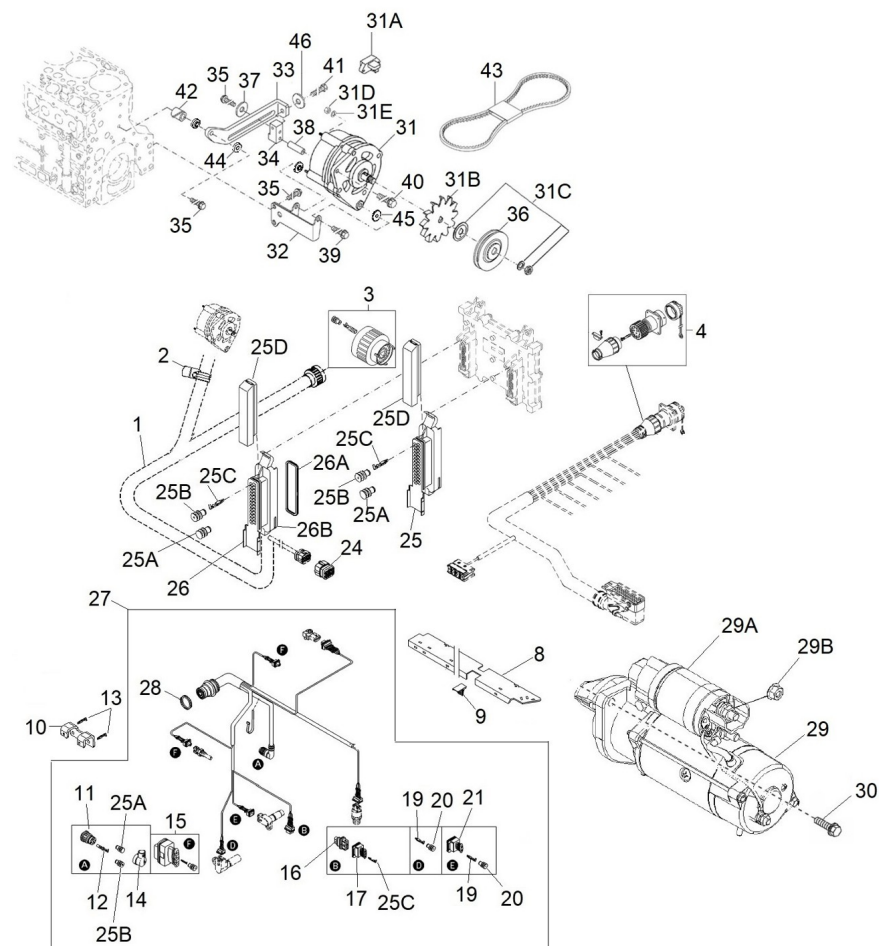
D GJ01 4 6 Feed Pump

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19424040G	1	Fuel Pump			
	DUE DATE BANK TRANSFER					
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			



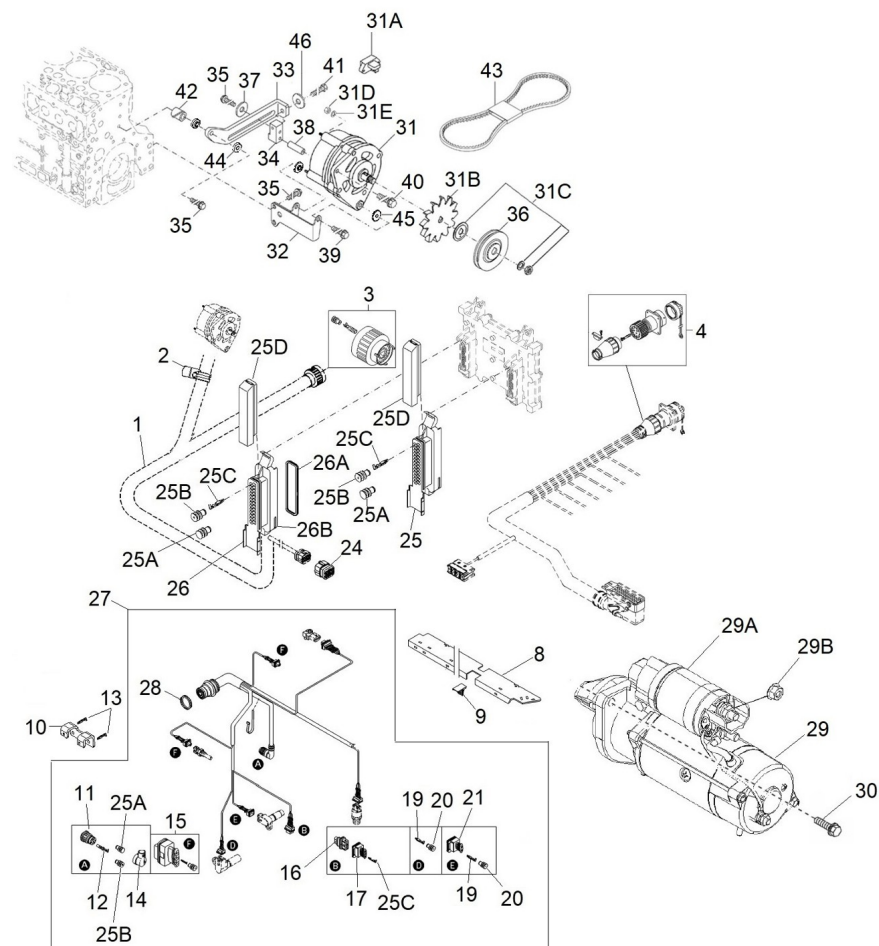
D SDZ109EGTDN 05 1 24V Electrical System

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	60994214	1	SDZ-109/165 DNV marine genset aux. elect. inst.			
	DUE DATE BANK TRANSFER					
2	13817011	1	Bracket			
	DUE DATE BANK TRANSFER					
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			
13	52102156	2	Bolt DIN 933 M6-16 8.8			
	DUE DATE BANK TRANSFER					
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	39	Plug			
	25B	47	Gasket			
	25C	45	Jack			
	25D	2	Housing Cover			
26	19427197	1	Plug-in Connector			
	26A	1	Rubber Gasket			
	26B	1	Bearing Housing			
27	19427174	1	Cable Harness			
28	19427177	1	Circlip			



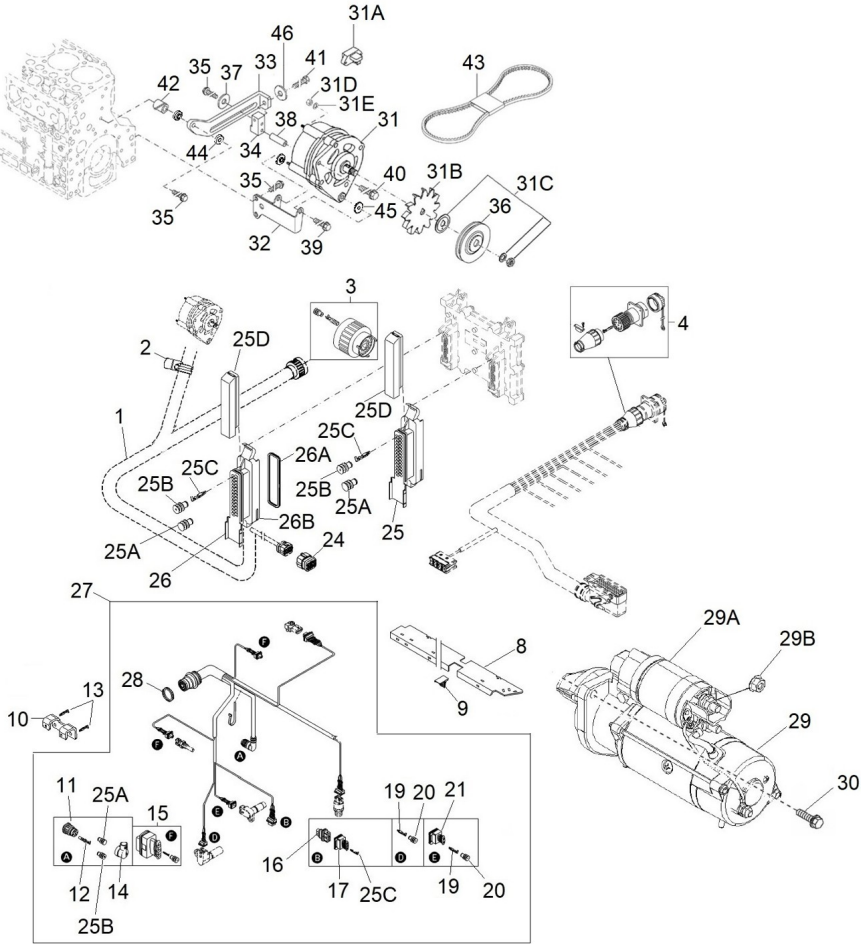
D SDZ109EGTDN 05 1 24V Electrical System

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
29	19427045	1	Starter			
29A	19427106G	1	SWITCH Assy			
29B	19620046	1	Hexagon Nut			
30	19427020.1	3	Bolt			
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			
	DUE DATE BANK TRANSFER					
NS	60900152	1	Wire			
	DUE DATE BANK TRANSFER					
NS	60900155	1	Wire			
	DUE DATE BANK TRANSFER					



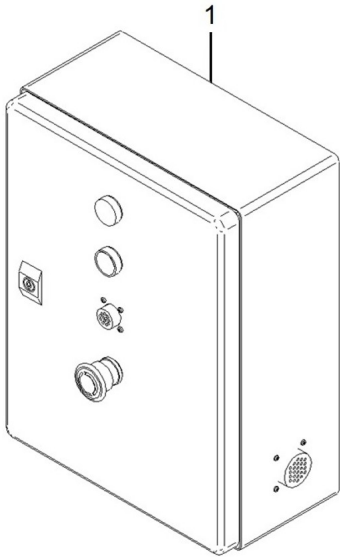
D SDZ109EGTDN 05 1 24V Electrical System

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
NS	60900289	1	Wire			
	DUE DATE BANK TRANSFER					
NS	60900956	2	10k ohm Resistor			
	DUE DATE BANK TRANSFER					



D SDZ165EGTST 05 2 Control Cabinets

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	60994505	1	Parallel prep. ECU SDZ-109/165 box ETR			29/02/2024
	DUE DATE BANK TRANSFER					
1	60994509	1	Parallel prep. ECU SDZ-109/165 box ETR		1/03/2024	
	DUE DATE BANK TRANSFER					
2A	60994561	1	Kit Paral. 115 GT 400/230V Cont/Pow 24V			
	DUE DATE BANK TRANSFER					
2B	60994563	1	Kit Paral. 115 GT 230V Cont/Pow 24V			
	DUE DATE BANK TRANSFER					



Genset 115 GT/GTC & 120 GTA/GTAC Parallel

Electrical System

D W1C1 1 3 Deutz Parallel Group Lengths

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1A	60994254	1	Wiring extensions Electronic Gov. Genset with SCO Pa			
	DUE DATE BANK TRANSFER					
1B	60994255	1	Wiring extensions Electronic Gov. Genset with SCO Pa			
	DUE DATE BANK TRANSFER					
1C	60994210P.2	1	Wiring Extension Parallel Genset Power and monitorin			
	DUE DATE BANK TRANSFER					
1D	60994212P.2	1	Wiring Extension Parallel Genset Power and monitorin			
	DUE DATE BANK TRANSFER					
1E	60974552	1	3-way Wiring Wxtension for Auxiliary Kits 4 m			
	DUE DATE BANK TRANSFER					
1F	60900165	1	3-way Wiring Extension for Auxiliary Kits 6 m			
	DUE DATE BANK TRANSFER					
1G	60900166	1	3-way Wiring Extension for Auxiliary Kits 12 m			
	DUE DATE BANK TRANSFER					
1H	60900167	1	3-way Wiring Extension for Auxiliary Kits 24 m			
	DUE DATE BANK TRANSFER					
1I	60972104	1	Double Panel SCO 12 M. Harness			
	DUE DATE BANK TRANSFER					
1J	60972105	1	Double Panel SCO 24 M. Harness			
	DUE DATE BANK TRANSFER					
1K	60972110	1	Double Panel SCO 36 M. Harness			
	DUE DATE BANK TRANSFER					
1L	60972145	1	Double Panel SCO 45 M. Harness			
	DUE DATE BANK TRANSFER					



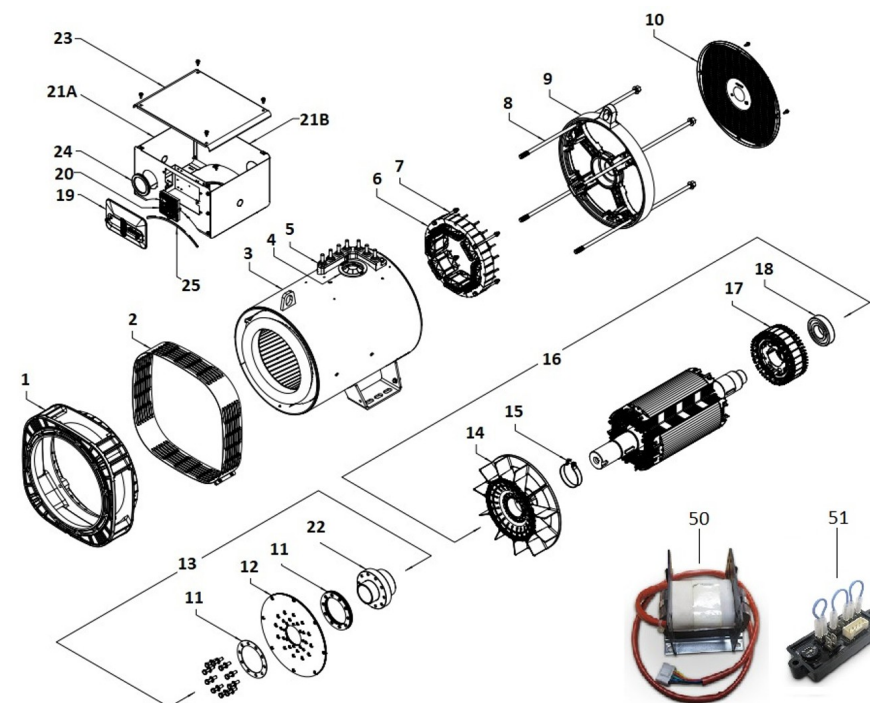
D SDZ165EGTST 06 1**Alternator 115 GT/GTC & 120 GTA/GTAC Parallel**

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



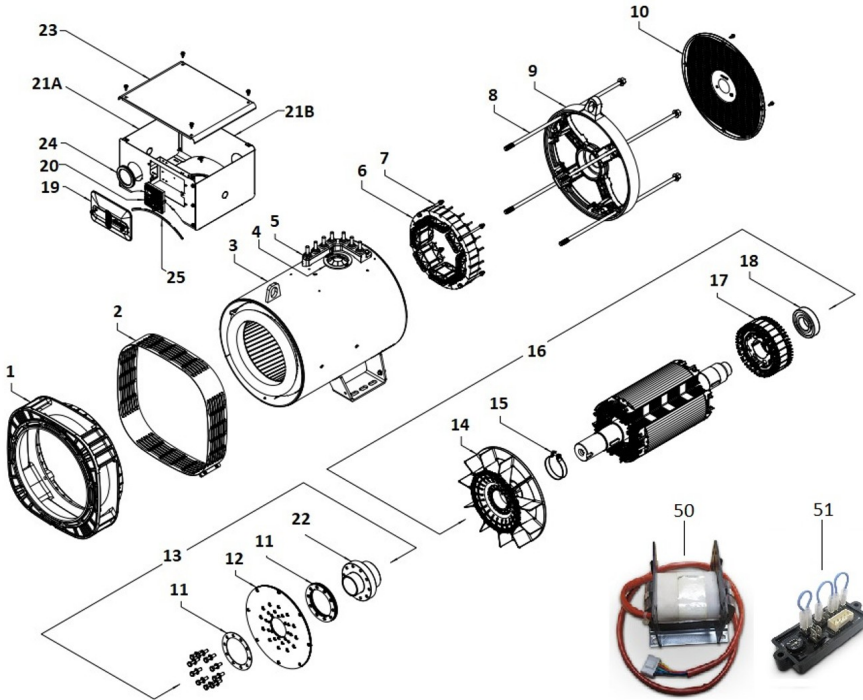
D 605113125ZI0**Spare Part List Alternator Type C 115GT Y 120 GTA**

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			



D 605113125ZIO Spare Part List Alternator Type C 115GT Y 120 GTA

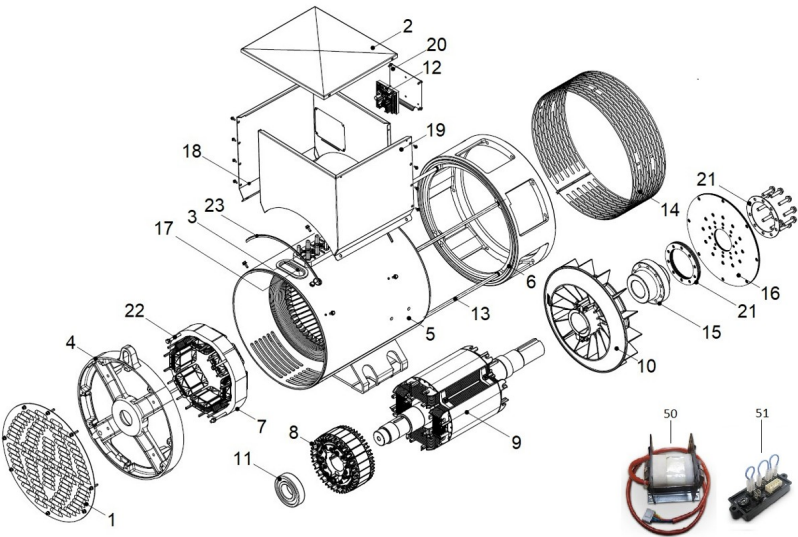
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
50	60511386P	1	PD500 Parallel Device			
	DUE DATE BANK TRANSFER					
51	60511387P	1	PD-I Parallel Device			
	DUE DATE BANK TRANSFER					
NS	605113050Z4.25	1	Kit USB2DxR			
NS	605113125ZIO.22	1	Kit terminal box (19+21+22+23+24+25)			
NS	605113125ZIO.23	1	Cable assembly + varistor + capacitor for rotating b		02/2020	
NS	605113125ZIO.24	1	Cable Assembly + Varistor + Capacitor for Rotating B			02/2020



Genset 115 GT/GTC & 120 GTA/GTAC Parallel

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		
DUE DATE BANK TRANSFER					
51	60511387P	1	PD-I Parallel Device		
DUE DATE BANK TRANSFER					
NS	605113130Z3.2	1	Kit Terminal Box Painted(2+96+97+98+178)		
NS	605113130Z3.3	1	Kit USB2DxR		
NS	60511315.1.11	1	Diode Bridge T30		

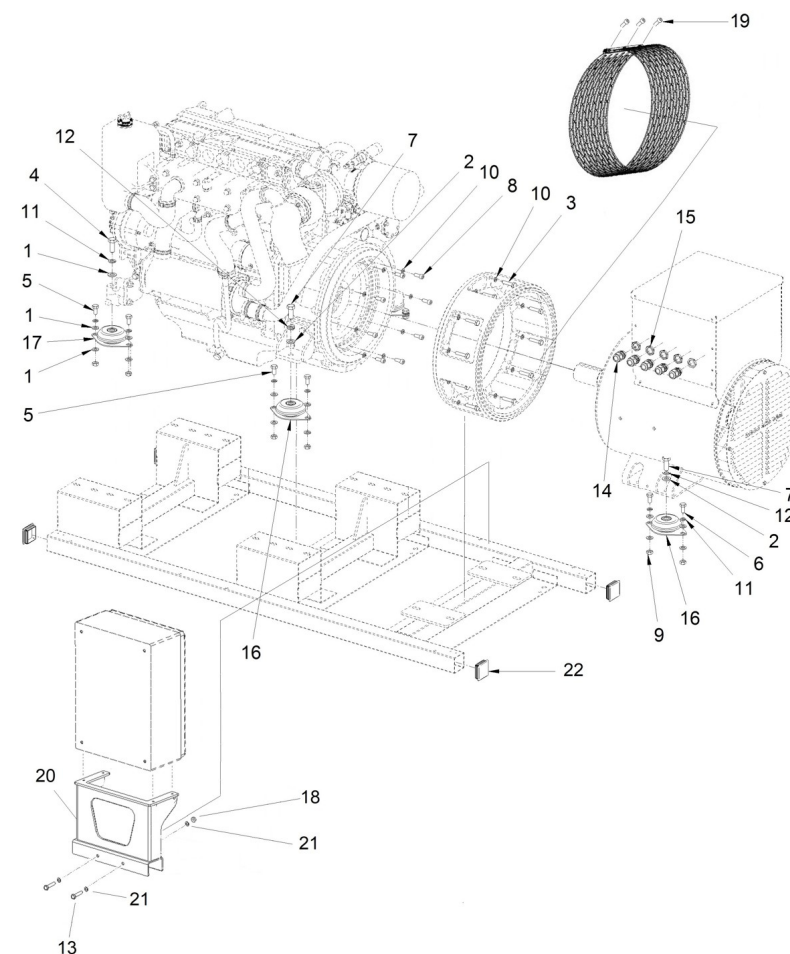


Genset 115 GT/GTC & 120 GTA/GTAC Parallel

Genset Alternator Kit

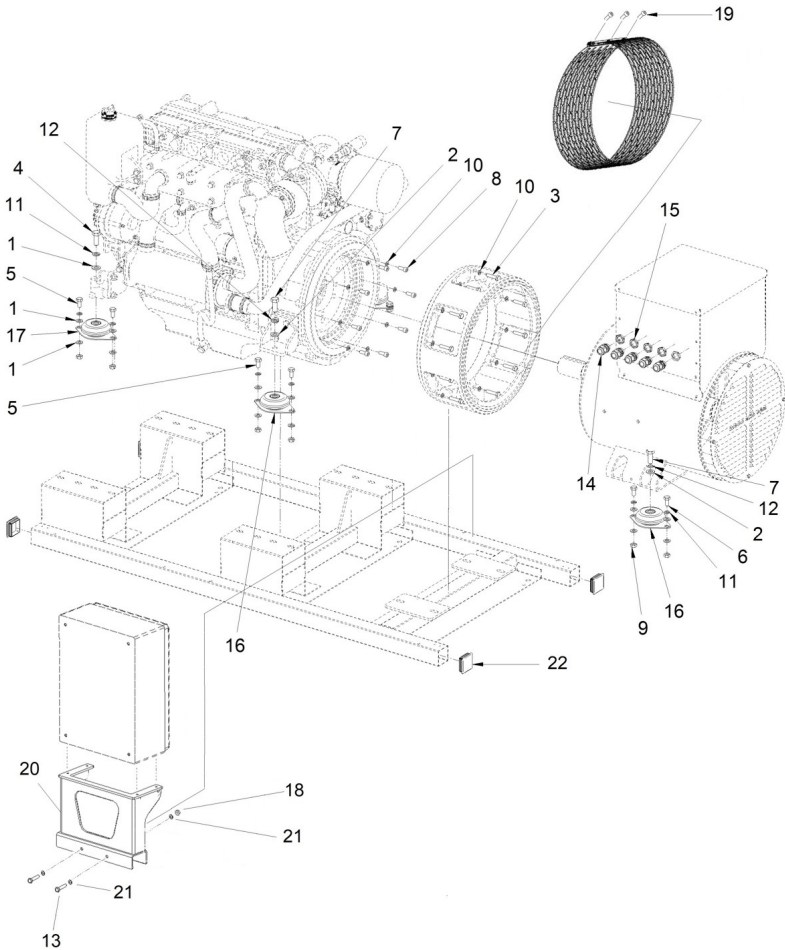
D 60594063.3 Alternator Kit Without Canopy

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
DUE DATE BANK TRANSFER						
20	19417053	1	Parallel box Bracket (S)		06/09/2023	08/10/2024
DUE DATE BANK TRANSFER						
20	19417054	1	Parallel box Bracket (S)		09/10/2024	
DUE DATE BANK TRANSFER						
21	53033008	8	Washer GROWER DIN 127-8			
22	60539019	4	LID (60 Tube)			
NS	51030008	4	Washer DIN 125-8			
NS	51031012	2	Washer DIN 9021 12			



D 60594063.3 Alternator Kit Without Canopy

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
NS	52103256	4	Bolt DIN 912 M8-16 8.8			
NS	TP.4.L.18.2	2	Sec.4 Doble Long. 18 double cord end terminal			

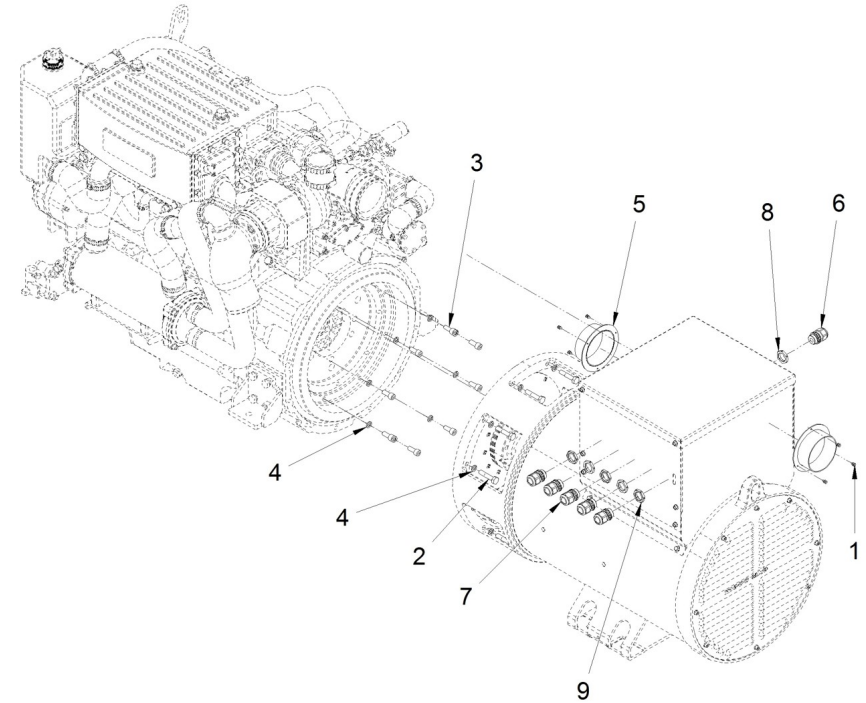


Genset 115 GT/GTC & 120 GTA/GTAC Parallel

Genset Alternator Kit

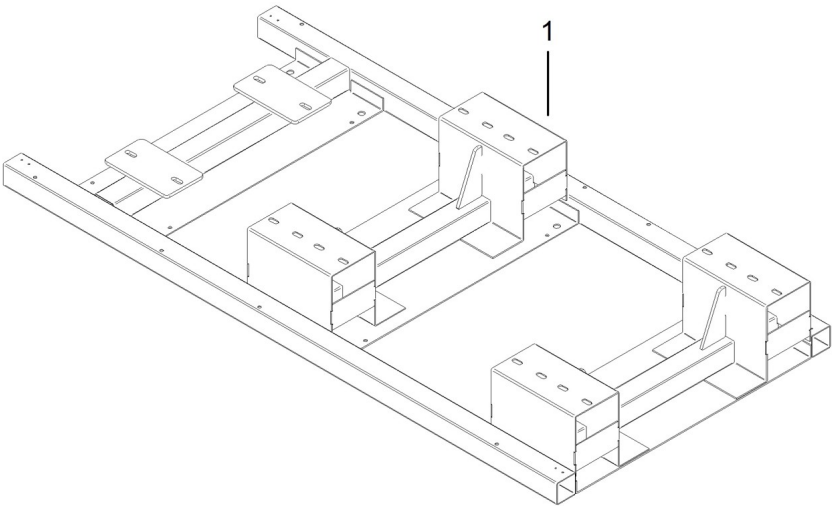
D 60594063.2 Alternator Kit with Canopy

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			

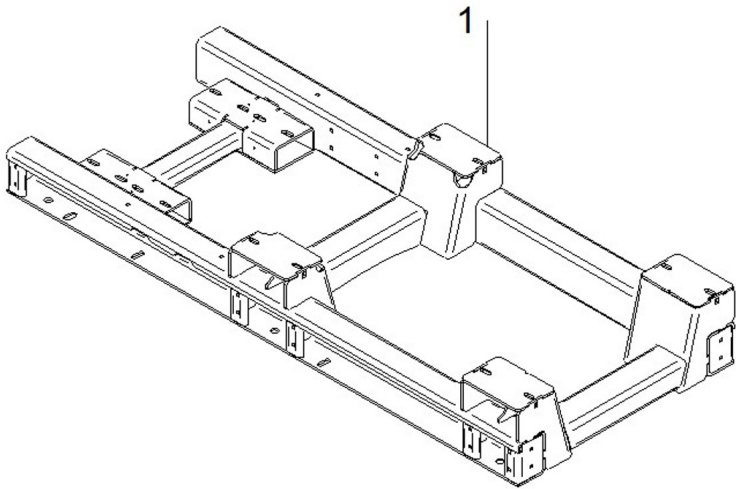


D 60594042.1 Genset Chassis

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	60594042.1	1	Genset CHASSIS		05/04/2017	06/09/2023
DUE DATE BANK TRANSFER						



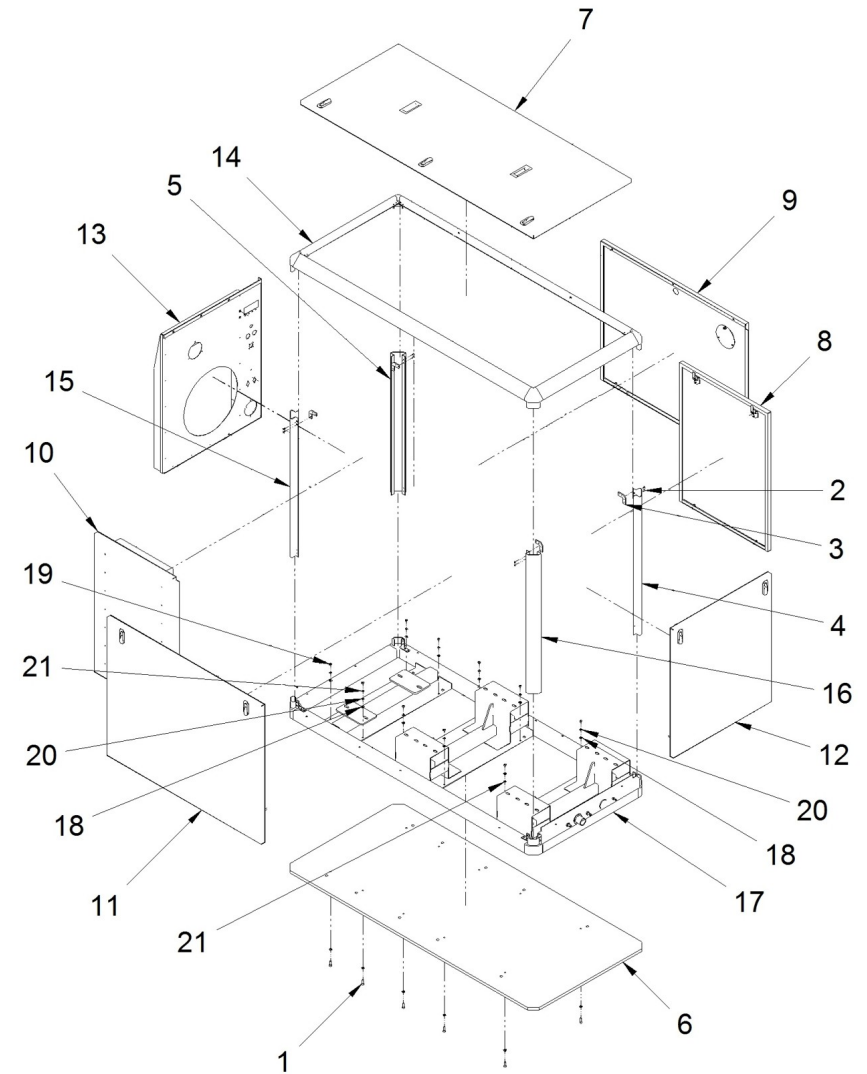
D 60594035		Chassis				
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	60594035	1	Engine Bed		06/09/2023	
DUE DATE BANK TRANSFER						



Genset 115 GT/GTC & 120 GTA/GTAC Parallel

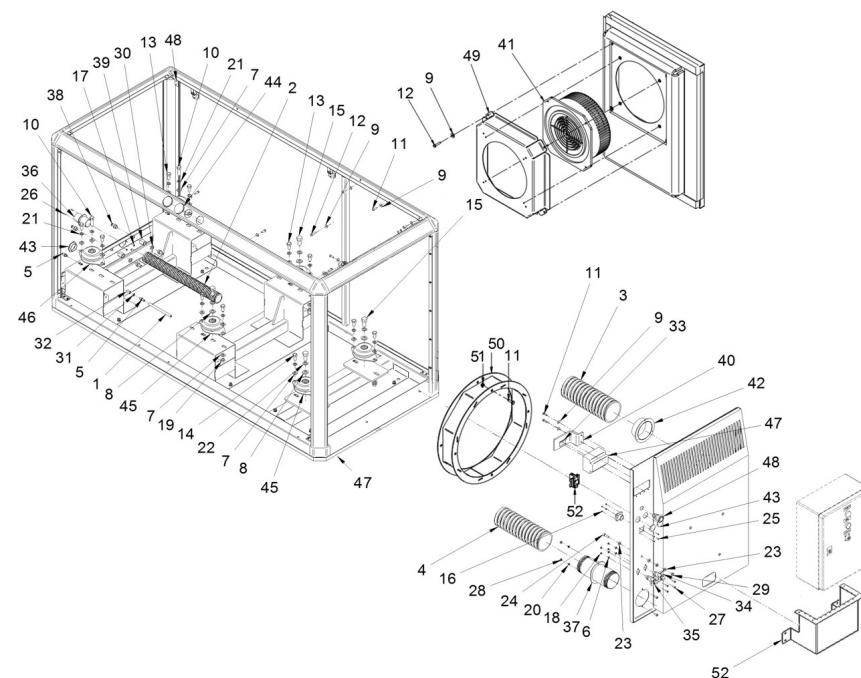
Canopy Spare Parts

D BGGI 4 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			
2	53105105	8	Bolt DIN 965 M5-10 7n			
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	60594042.25	1	Back Panel			
14	60594042.30	1	Upper FRAME			
15	60594042.31	1	VERTICAL BAR			
16	60594042.32	1	VERTICAL BAR			
17	60594042.61	0	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			

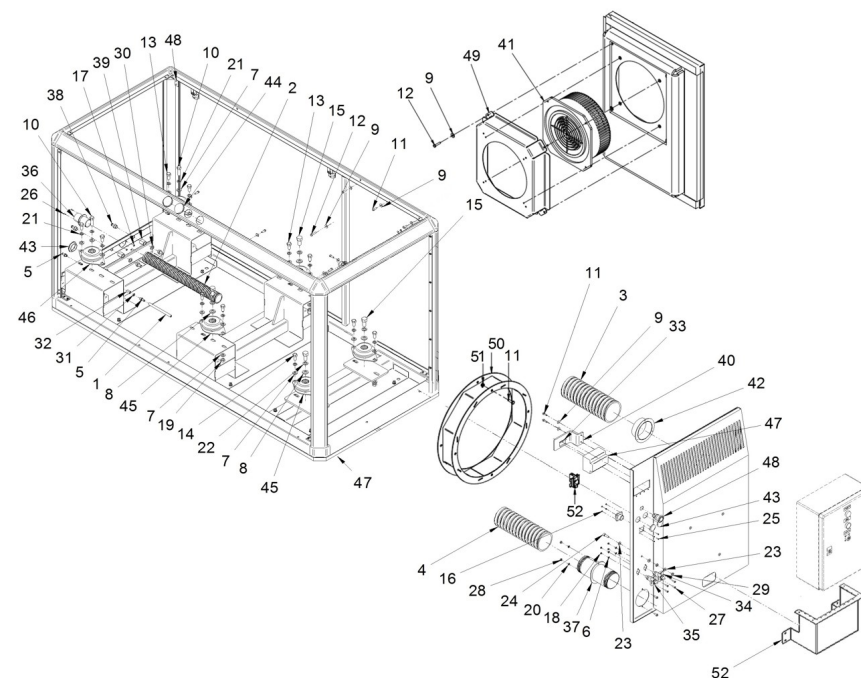


D SDZ165EGTST 09 2 Canopy Kit

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	M80501006	1.0	Hose D.10-6			
2	M87504252	2.0	Water Intake Hose (HQ) D. 42-52			
3	M8850102114	1.0	Exhaust Hose D. 102			04/03/2024
	DUE DATE BANK TRANSFER					
3	M885710200	1.0	Air Aspiration Hose D. 102		04/03/2024	
	DUE DATE BANK TRANSFER					
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	27	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	9	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	52120003	4	Nut DIN 934 M3 8.8			
17	52120004	4	Nut DIN 934 M4 8.8			
18	52120005	4	Nut DIN 934 M5 8.8			
19	52120012	12	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	6	Washer DIN 125-8 INOX.			
24	54103258	1	Bolt DIN 912 M8-25 INOX.			
25	54118004	4	Bolt DIN 7985 M3-10 INOX			
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			

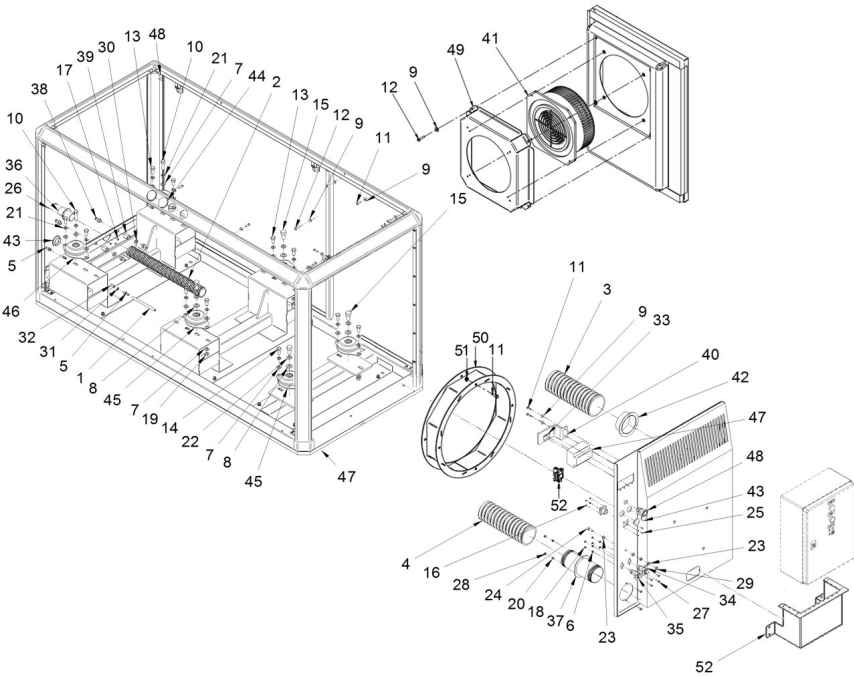


D SDZ165EGTST 09 2		Canopy Kit				
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
29	54120008	4	Nut DIN 934 M8			
30	56000073	2	Copper Washer 16-23-1,5			
31	57000361	2	Washer 10-14-1,5			
32	60573041.39	1	ROD Coupling 1/8 BSP			
33	60573041.64	1	Switch Disconnecter Omega Bracket			
34	60573047	1	Battery Plug IN			
35	60573048	1	Battery Plug IN			
36	60594026	1	Water Wall Bushing D.42			
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 Disconnecter Bracket			
41	60594042.44	1	Fan HJEM 25 M4 (CASALS)			
42	60594042.64	1	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	61674007	4	Engine Mount Type F BRB 110 A40 SHA M16 H 41		14/04/2023	
46	61674002	2	Engine Mount Type F 35 SHA M12 H 41			
46	61674006	2	Engine Mount Type F BRB 110 A40 SHA M12 H 41		14/04/2023	
47	60594042.10	1	BASEBOARD			
48	60573041.43	4	L Fastening Bracket			
49	6057A041.23B	1	Air Outlet Aluminium Sheet Box			
50	60594042.25G	1	Spacer Ring			
51	51123006	4	Nut DIN 985 M6 5.6			
52	19417007	1	Parallel box support (C)			
52	60900511	1	Stop PUSH BOTTOM Body			
NS	60594042.62	1	Dry Exhaust Cover			
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			



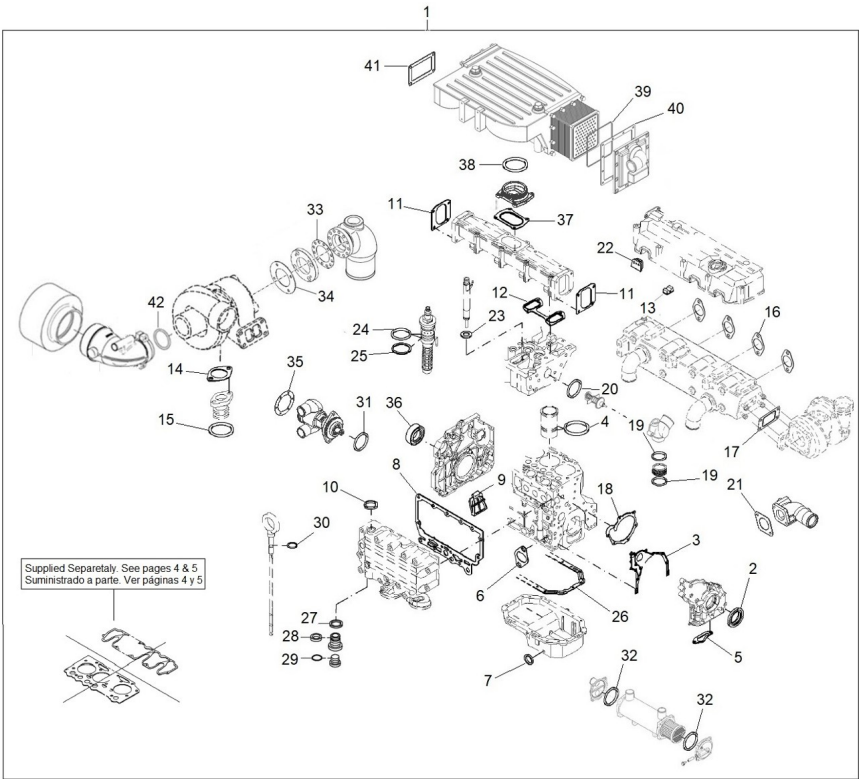
D SDZ165EGTST 09 2 Canopy Kit

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
NS	60972093	1	TER. PROTECTIVE 28 BLACK			
NS	60974049	1	RED Battery POSITIVE Wiring			
NS	60974051	1	Sec. 35 Black 1,4 m Ter. 10/10 cable			
NS	60975074	1	Panel Back 0,66 M. Wiring GROUND ALT.			
NS	M81511222	2.0	Fuel Hose D. 12-21			



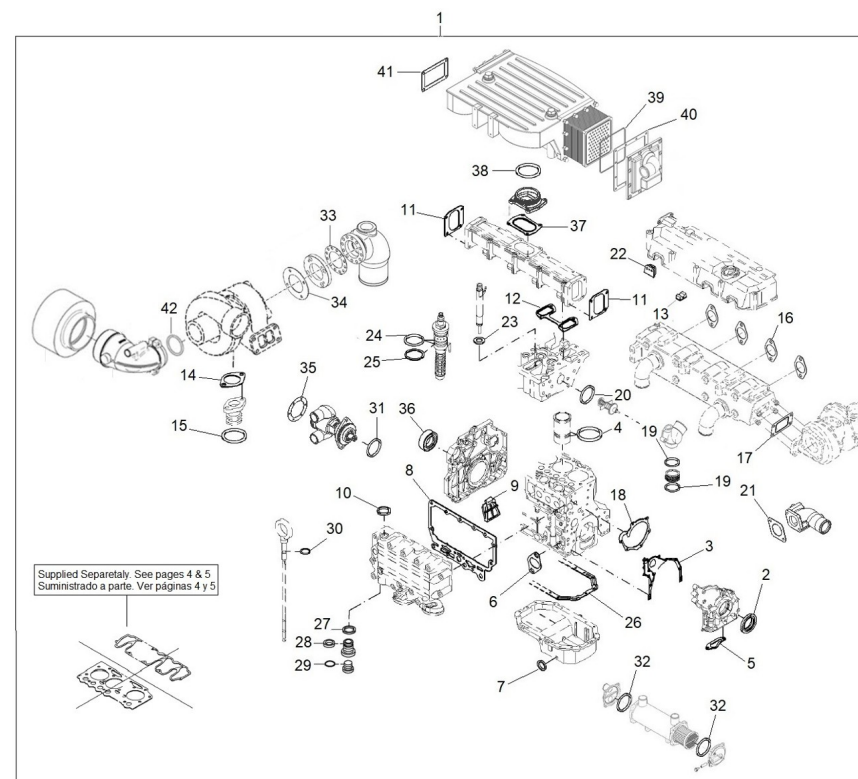
D_GIO1_6_1 Gasket Kit

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19420101	1	Gasket Set SDZ-165 Genset			
	DUE DATE BANK TRANSFER					
2	19420008	1	ROT.Shaft LIP Seal			
	DUE DATE BANK TRANSFER					
3	19420026.2	1	Gasket			
	DUE DATE BANK TRANSFER					
4	19420074	8	O-Ring D. 115X3			
	DUE DATE BANK TRANSFER					
5	19424056.1	1	Gasket			
	DUE DATE BANK TRANSFER					
6	19421076	1	Gasket			
	DUE DATE BANK TRANSFER					
7	19420032.1	2	Gasket			
	DUE DATE BANK TRANSFER					
8	19424084	1	Gasket			
	DUE DATE BANK TRANSFER					
9	19422116	1	CORE Hole Plug			
	DUE DATE BANK TRANSFER					
10	19421019	1	SealING Ring			
	DUE DATE BANK TRANSFER					
11	19421047	2	Gasket			
	DUE DATE BANK TRANSFER					
12	19421063	2	Gasket			
	DUE DATE BANK TRANSFER					
13	19610019	1	O-Ring D. 62X5 VITON			
14	19428062	1	Gasket			
	DUE DATE BANK TRANSFER					
15	19428063	2	SealING Ring			
	DUE DATE BANK TRANSFER					
16	19421181.2	4	Gasket			
	DUE DATE BANK TRANSFER					



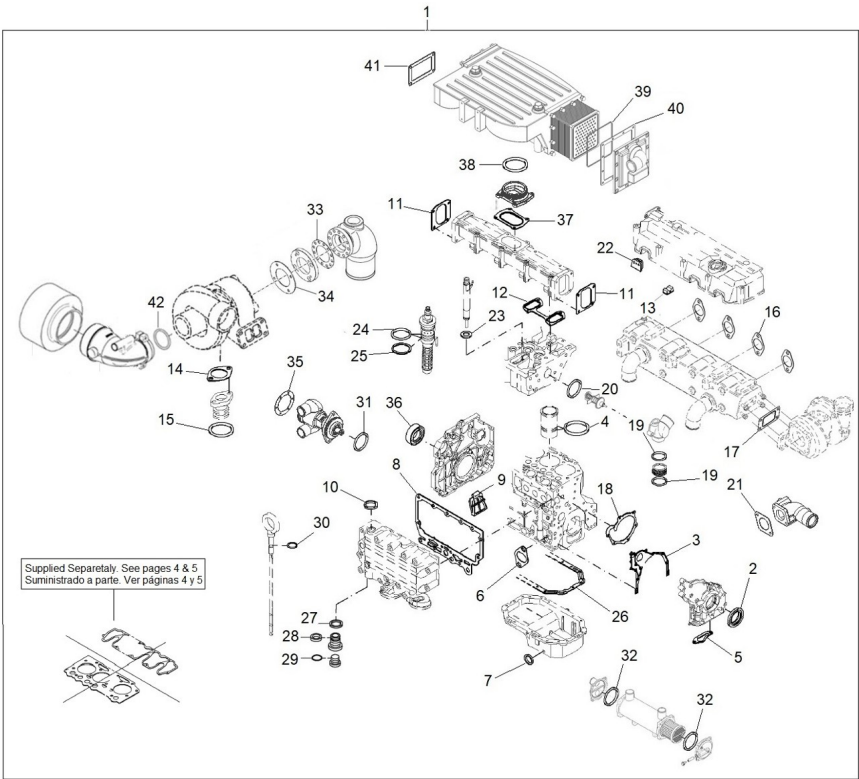
D_GIO1_6_1 Gasket Kit

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
17	19421183.3	1	Gasket			
	DUE DATE BANK TRANSFER					
18	19421040	1	Flat Gasket			
	DUE DATE BANK TRANSFER					
19	19421044	2	O-Ring			
	DUE DATE BANK TRANSFER					
20	19421041	1	O-Ring			
	DUE DATE BANK TRANSFER					
21	19411010	1	Gasket			
	DUE DATE BANK TRANSFER					
22	19421018	4	Rubber Seal			
	DUE DATE BANK TRANSFER					
23	19426012	1	SealING Ring			
	DUE DATE BANK TRANSFER					
24	19425002	3	O-Ring D. 40X3,5			
	DUE DATE BANK TRANSFER					
25	19425003	2	Shim			
	DUE DATE BANK TRANSFER					
26	19420033	1	Gasket			
	DUE DATE BANK TRANSFER					
27	19422118	2	SealING Ring			
	DUE DATE BANK TRANSFER					
28	19422115	2	SealING Ring			
	DUE DATE BANK TRANSFER					
29	19422113	2	O-Ring			
	DUE DATE BANK TRANSFER					
30	19620029.2	1	O-Ring			
	DUE DATE BANK TRANSFER					
31	19420221	1	O-Ring D. 82X4 VITON			
	DUE DATE BANK TRANSFER					
32	16711007	2	O-Ring D. 116X4			
	DUE DATE BANK TRANSFER					



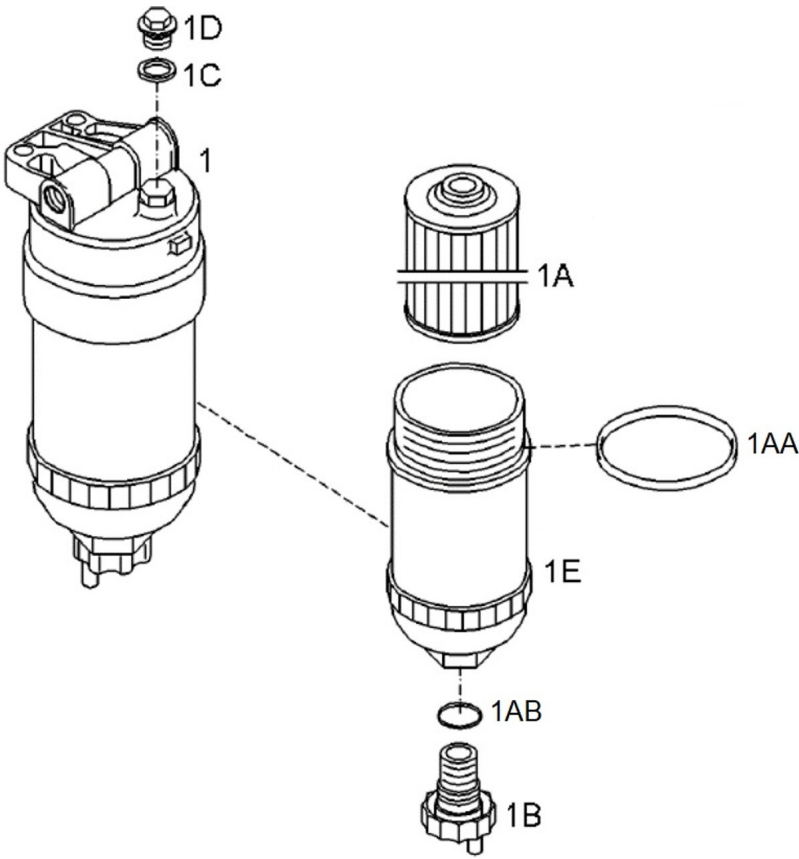
D_GI01_6_1 Gasket Kit

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



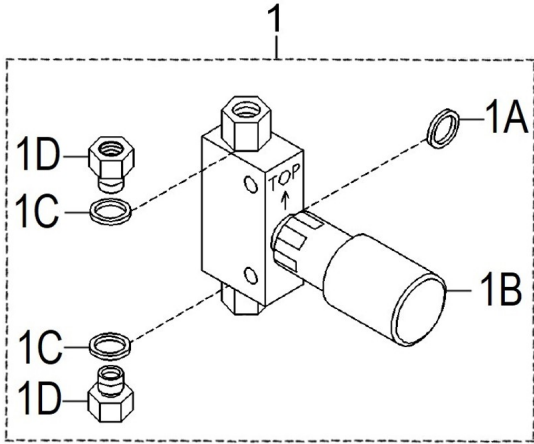
D 19424020 Fuel Filter

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			



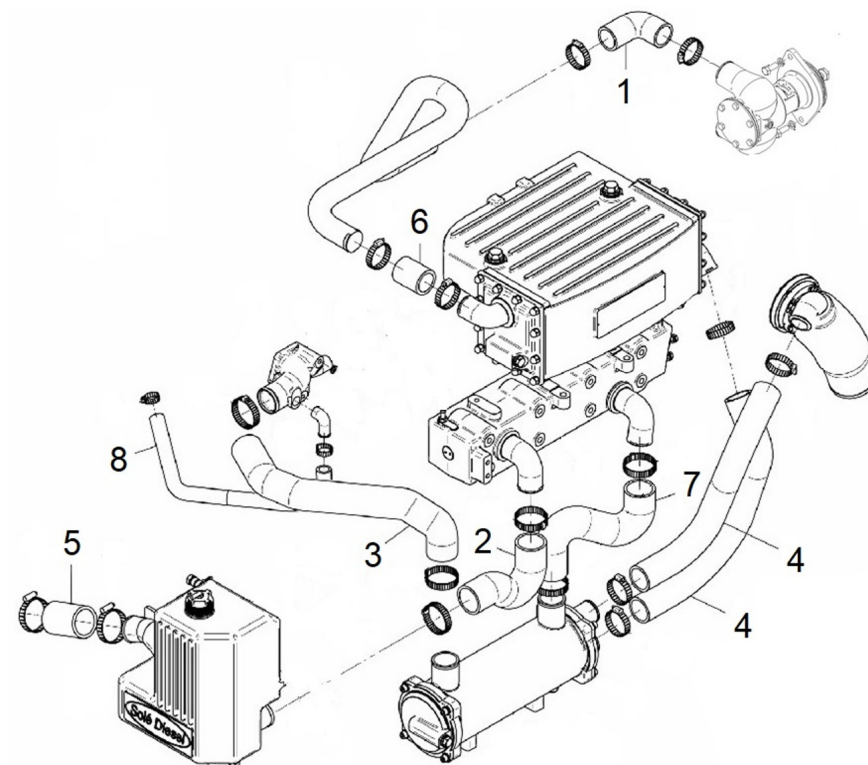
D 19424050 Hand Pump

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



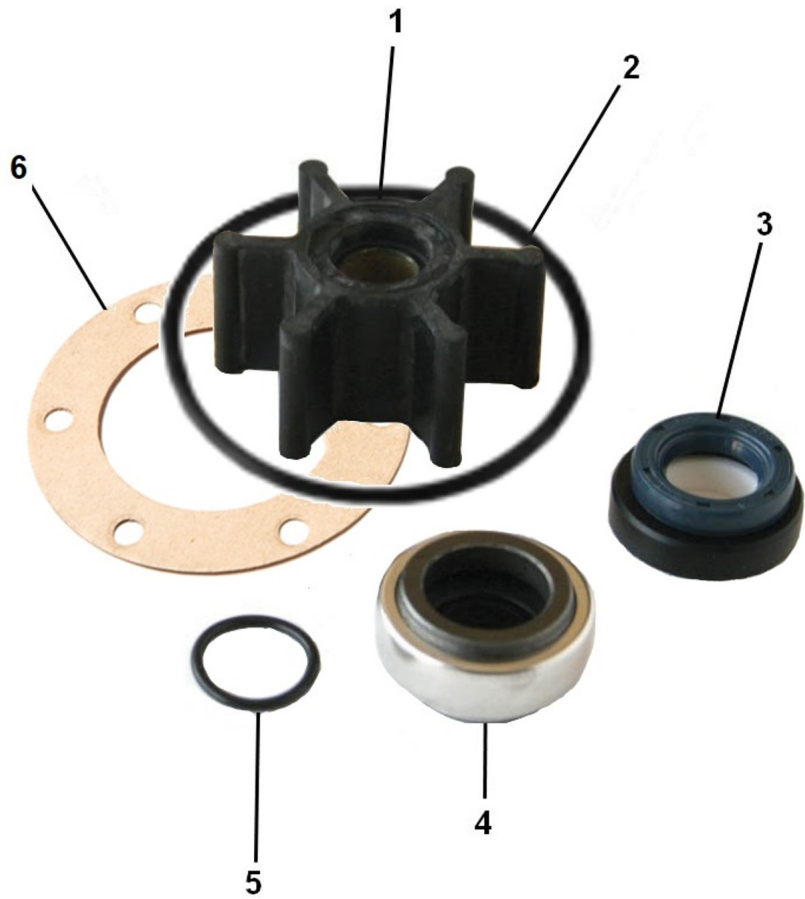
19411103G**Pipe Rubber Set SDZ-165 Genset V.S.**

<i>Fig.</i>	<i>Ref.</i>	<i>Qty.</i>	<i>Descr.</i>	<i>Obs</i>	<i>From</i>	<i>UpTo</i>
1	19411015	1	Elbow			
	DUE DATE BANK TRANSFER					
2	19411019	1	Hose			
	DUE DATE BANK TRANSFER					
3	19411020	1	Hose			
	DUE DATE BANK TRANSFER					
4	19411037	2	Pipe 42-52-580			
	DUE DATE BANK TRANSFER					
5	19411043	1	Pipe 48-60-85			
	DUE DATE BANK TRANSFER					
6	19411045	1	Pipe 42-54-90			
	DUE DATE BANK TRANSFER					
7	19611020G	1	Hose			
	DUE DATE BANK TRANSFER					
8	M81560022	1.0	Cooling Hose SDZ Group Earth Isolated D. 22			
	DUE DATE BANK TRANSFER					



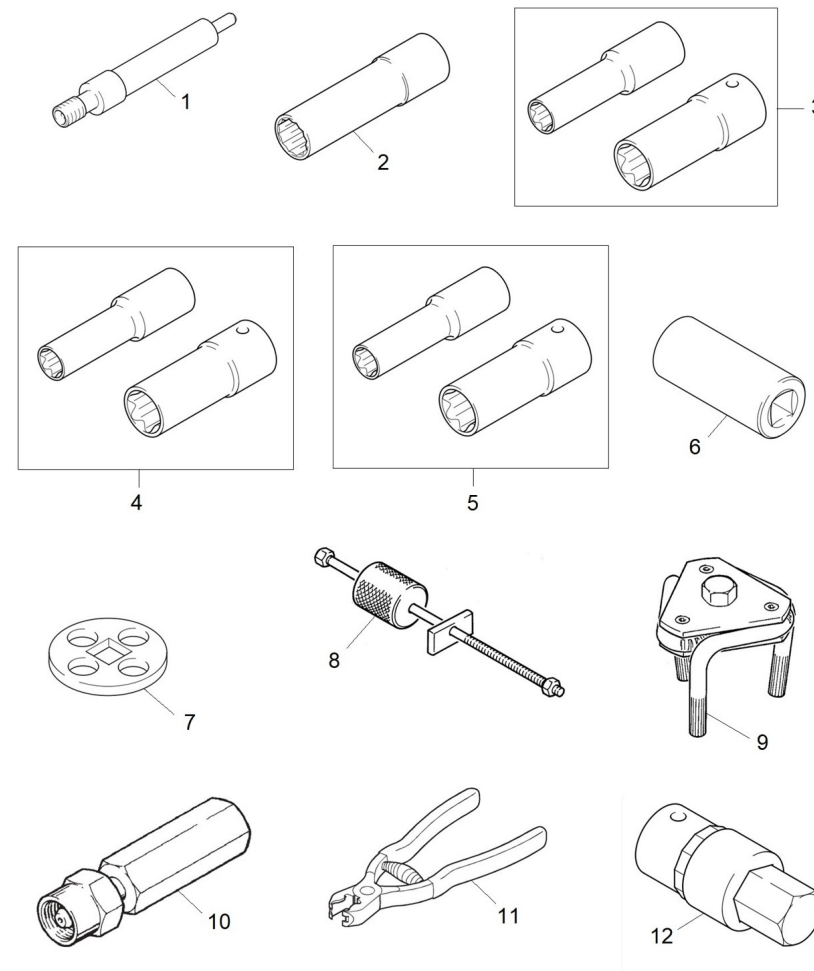
D SDZ109EGTDN 10 3 Repair Kit Water Pump

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			



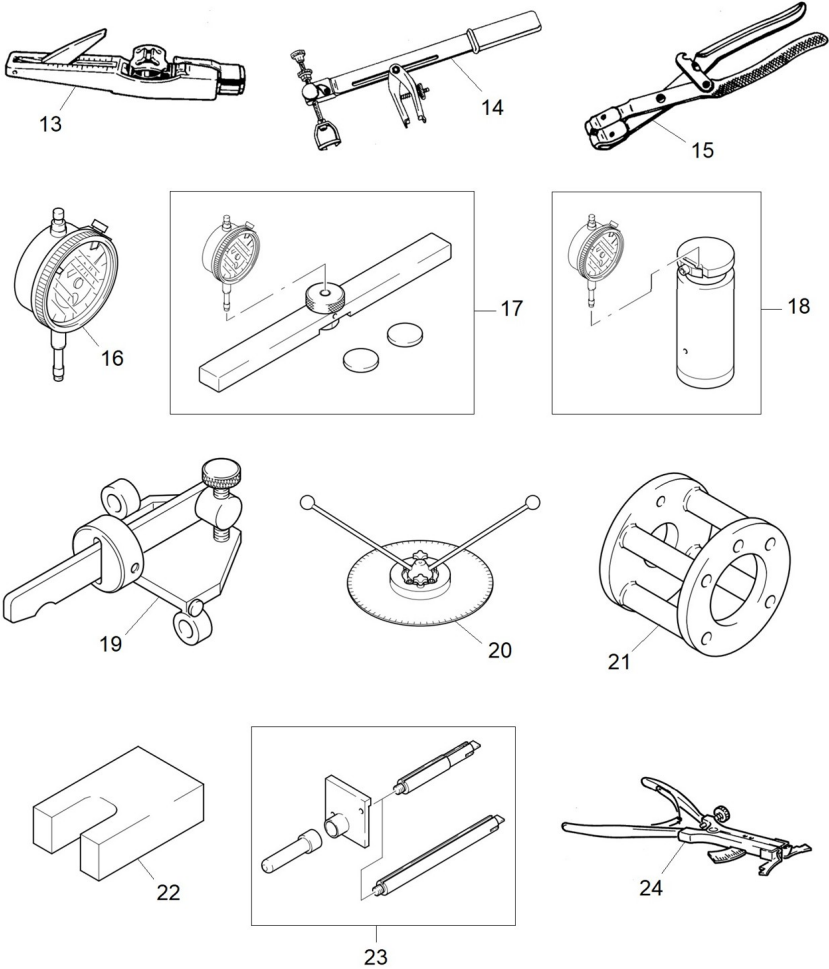
D UTILSDZPRO 1**Special Tools 1/4**

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			



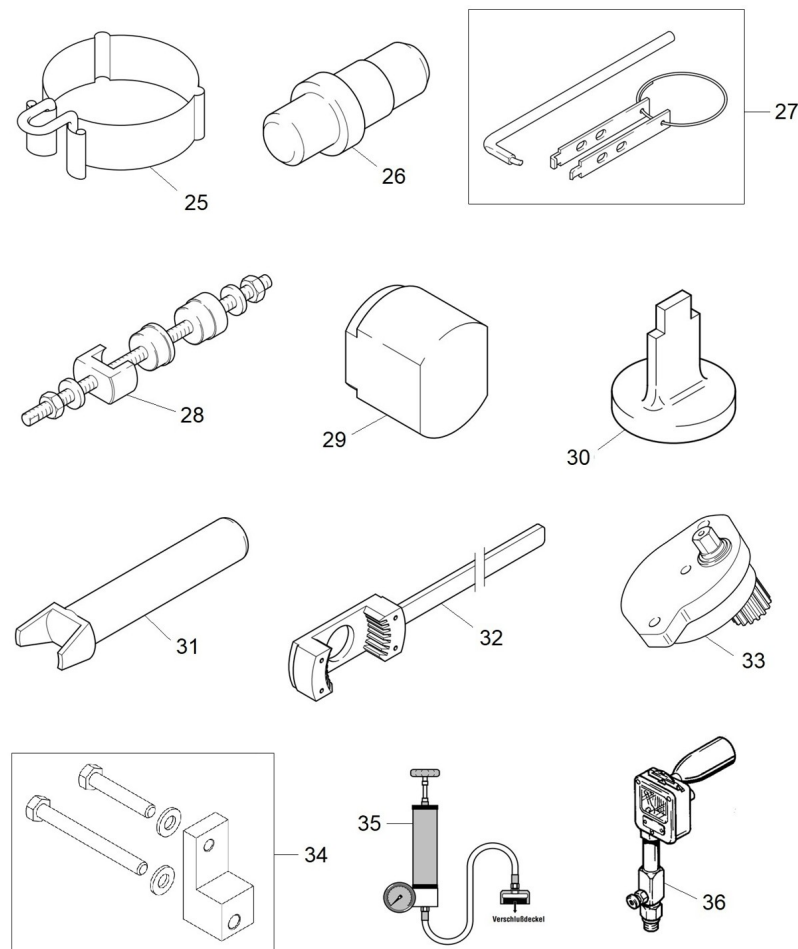
D UTILSDZPRO 2 Special Tools 2/4

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			

