



Part list

Genset 10 GS/GSC & 12 GSA/GSAC TAC



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:

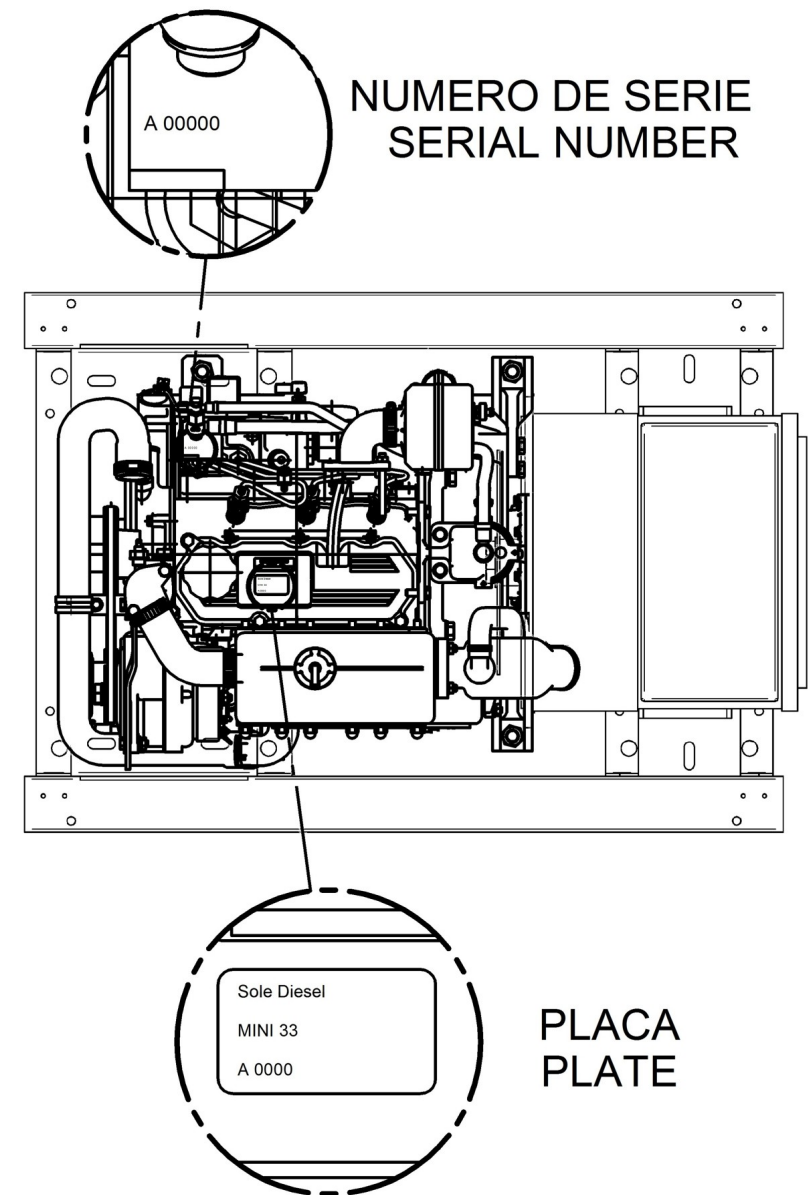
- Figure: Number by which they are represented in scheme
 - Description: Trade name of the component
 - Quantity: Total number of parts used in the assembly of the part represented (may differ from the total minimum quantities)
- Hoses, indicates the total length in meters
-

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 Advance, 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
08760 Martorell (Barcelona) Spain



Index

Engine Body

- Cylinder Head
- Rocker Cover & Breather
- Valve Drive
- Timing Parts
- Gear Case
- Crankcase
- Rear Plate
- Piston & Connecting Rod
- Crankshaft & Flywheel
- Oil System
- Oil Pan
- Engine Brackets
- Drive Belt Guard For Genset Without Canopy

Inlet & Exhaust

- Inlet

Cooling System

- Water Pump
- Cooler Pipes
- Water Cooler Assy MINI-33 TAC
- Body, Water Cooler And Cap
- Wet Exhaust
- 1/2" Pump Water, Set
- Splined Pump 1/2" MINI-11/17/29/33/44

Fuel System

- Fuel Pipe And Fuel Leak Alarm
- Injection Nozzle
- Fuel Injection Pump
- Governor Parts
- Fuel Supply Parts

- Electrical System 12V
- Electrical System 24V
- Electronic Gov. control system 12V
- Control Cabinets
- Genset Extension TAC

Genset Alternator Spare Parts

- Alternator 11 GT/GTC and 14 GTA/GTAC
- Alternator Spare Parts

Genset Alternator Kit

- Alternator Kit Without Canopy
- Alternator Kit Without Canopy

Chassis Spare Parts

- Genset Chassis

Canopy Spare Parts

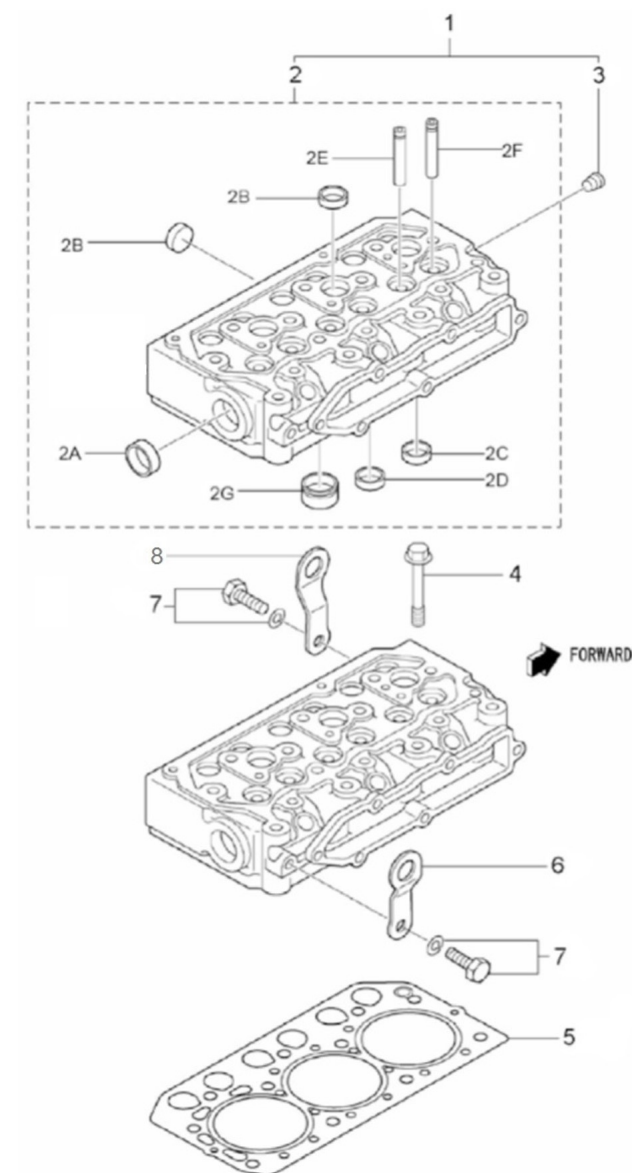
- Cabin
- Alternator Kit With Canopy

Maintenance Kit

- Gasket Kit
- Pipe Rubber Set, Water Line TAC
- Repair Kit Water Pump 1/2"
- Repair Kit Water Pump 1/2"
- Special Tools

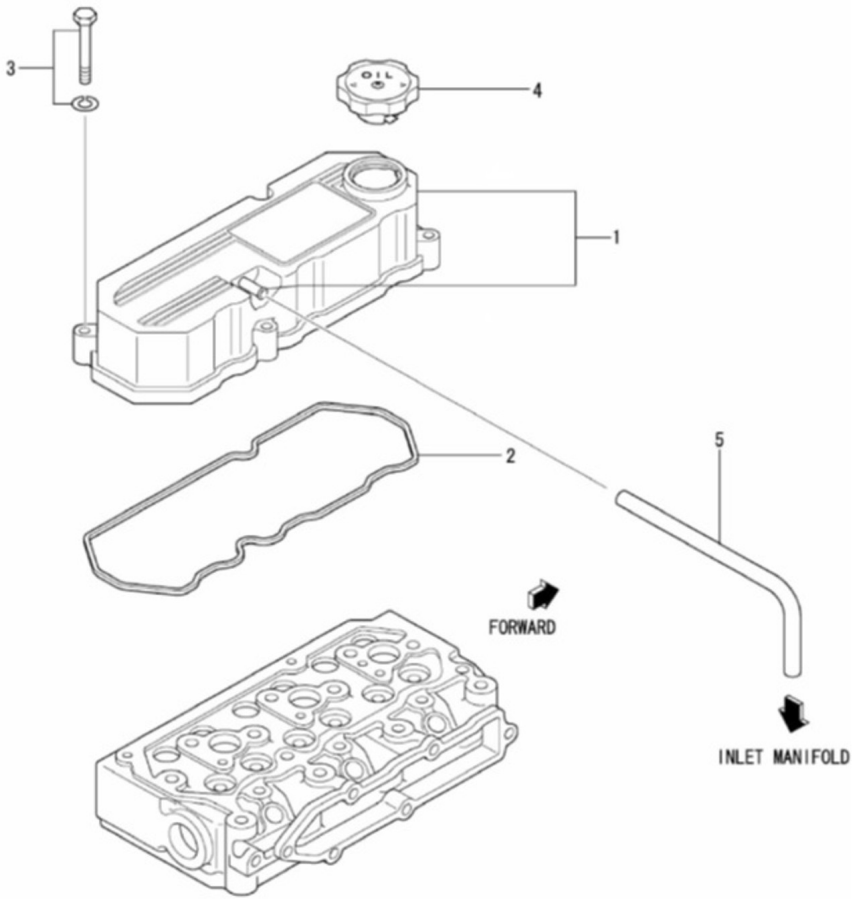
D GC01 1 1 **Cylinder Head**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17221001G	1	Head Assy, Cylinder Generator			
2	(*)	7	Not available			
2A	17020012	1	Cap			
2B	13220012	5	Cap Sealing			
2E	17221002	3	Guide, Valve Exhaust			
2F	17221003	3	Guide, Valve, Inlet			
2G	17221015G	3	Jet, Combustion (Generator)			
3	17820011	1	Plug, Tapered			
4	17221005	11	Bolt,cylinder head			
5	17221004	1	Gasket, Cylinder Head			
6	13221011	1	HANGER Engine			
7	17720010	2	Bolt,W/Washer			
8	17210008	1	HANGER, Engine			



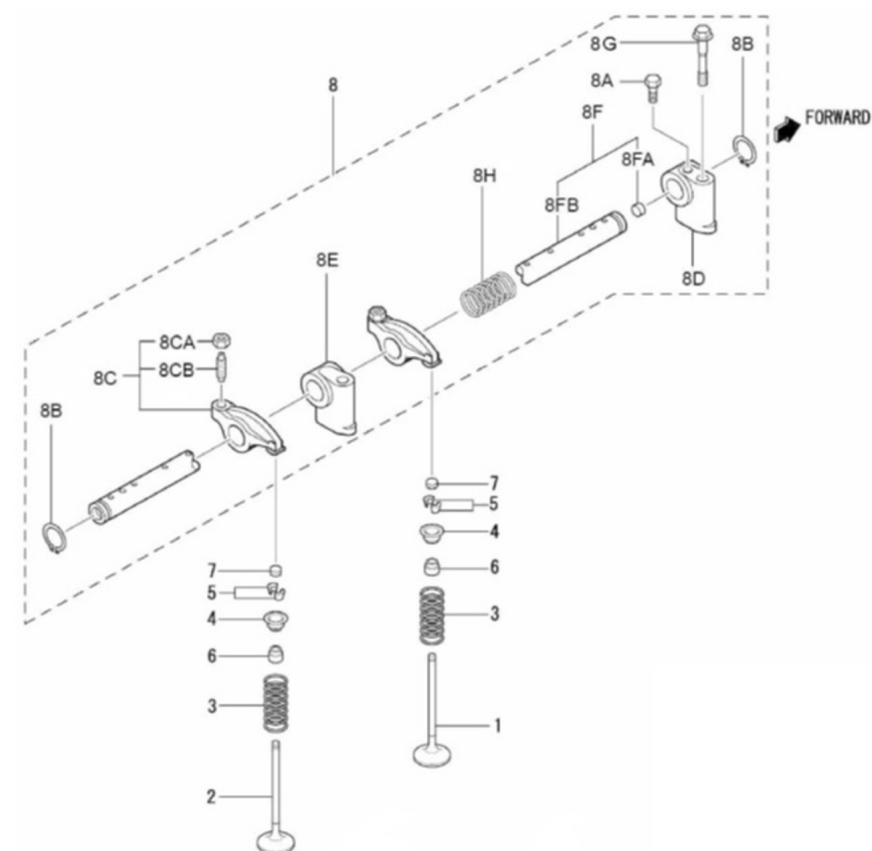
D GC01 1 2 **Rocker Cover & Breather**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17221009	1	Cover Assy, Rocker			
2	17221010	1	Gasket, Rocker Cover			
3	17421014G.1	4	Bolt W/Washer (Generator)			
4	17221003G	1	Cap Oil Filler			
5	17321006.4	1	Hose Breather			



D GC01 1 3 **Valve Drive**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17222055	3	Intake Valve			
2	17222056	3	Exhaust Valve			
3	17222057	6	Spring, Valve, INNER			
4	13822058	6	Retainer Valve SP			
5	13222059	12	Lock Valve			
6	13222054	6	Seal Valve Stem			
7	13822069	6	Cap Stem			
8	17222146	1	Rocker & Shaft Assy			
8A	17222053	1	Bolt			
8B	17222050	2	Ring, SNAP			
8C	17222142G	6	Rocker Assy			
8CA	17122060	6	Nut			
8CB	17122044	6	Screw Adjusting			
8D	17222048	1	Bracket, Rocker Shaft			
8F	17222049	2	Bracket, Rocker Shaft			
8FA	17222025	2	Cap, Sealing			
8G	17222053.4G	3	Bolt			
8H	17122047	2	Spring			



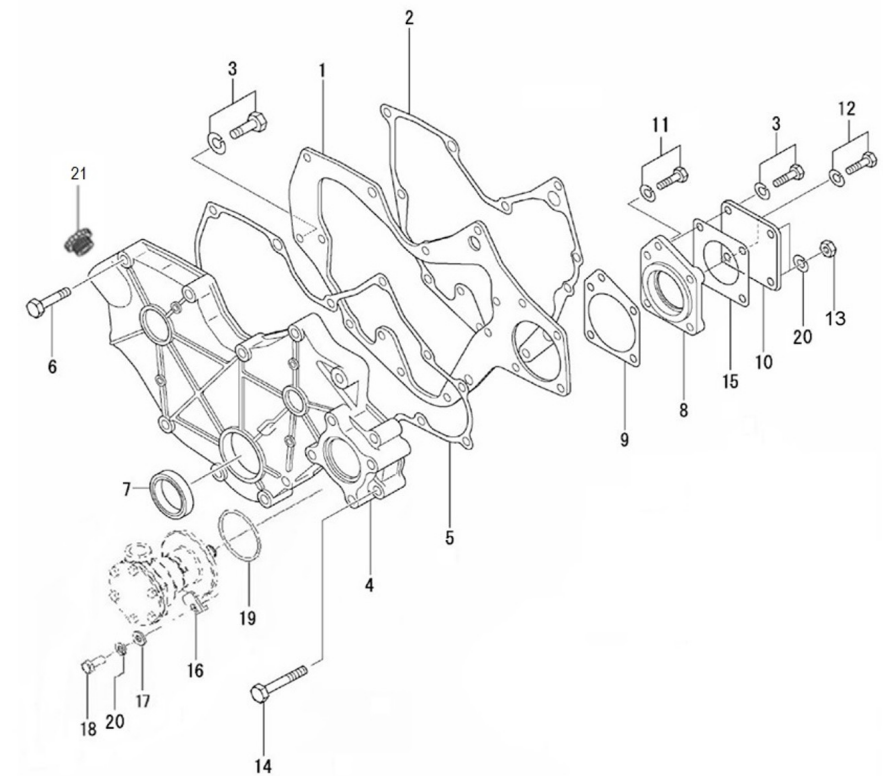
Timing Parts

Diagram illustrating the assembly of a mechanical component, showing various parts numbered 1 through 17. The assembly includes a central shaft (1) with a pin (3) and a nut (8). A gear (5) is mounted on the shaft. Other components include a housing (4), a pin (7), a washer (6), a pin (14), a nut (16), a pin (15), a pin (17), a pin (13), a pin (12), a pin (11), a pin (10), a pin (9), and a pin (2). The diagram also shows a 'FORWARD' arrow indicating the direction of assembly.

D GC01 1 5

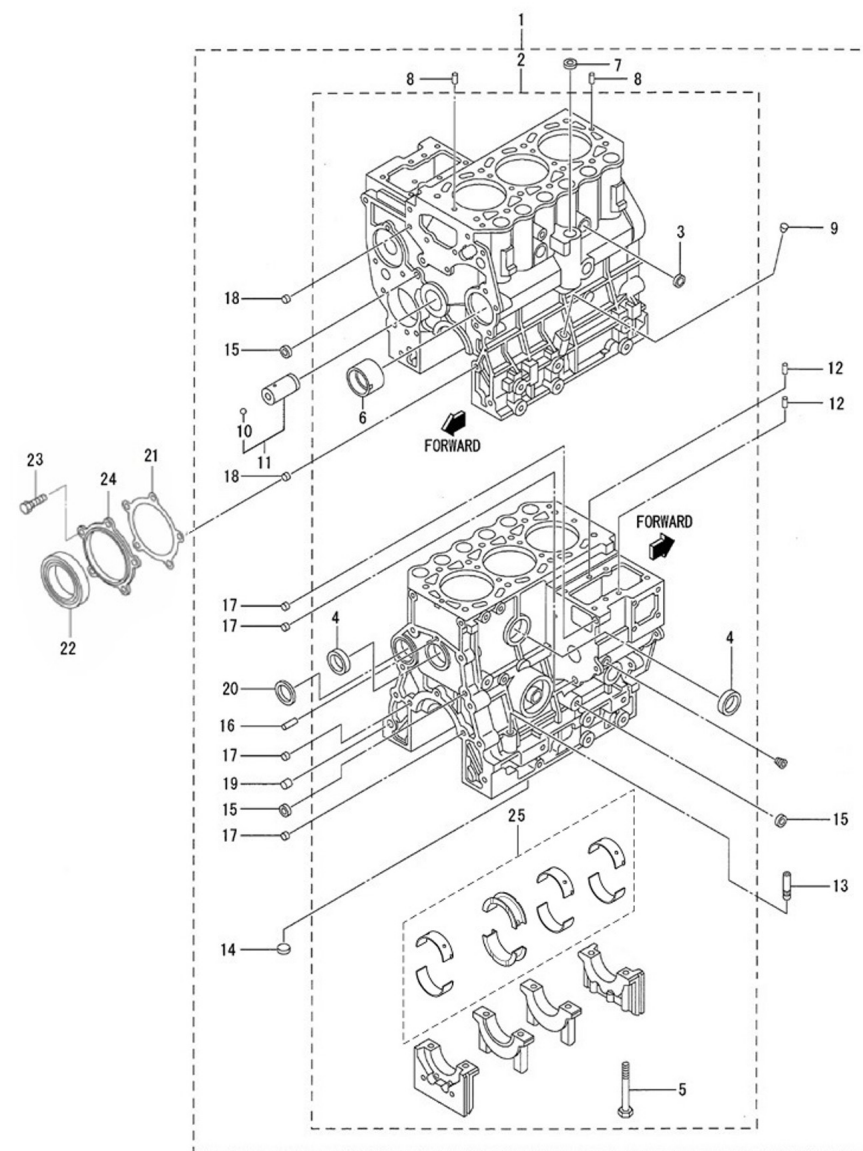
Gear Case

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17220024	1	Plate, Front			
2	17220018	1	Gasket, Front Plate			
3	17821012	5	Bolt,W/Washer			
4	17220035	1	Case Gear			
5	17220040	1	Gasket, Gear Case			
6	17220034	8	Bolt			
7	13220039	1	Seal Oil			
8	17220037	1	Housing, Gear Pump			
9	17220038	1	Gasket, Housing			
10	13120046	2	Cover Oil Pump SH			
11	17822118	1	Bolt, Flange			
12	17201260	1	Bolt			
13	17120049	2	Nut M8			
14	17024062	2	Bolt			
15	13120047	2	Gasket Water Pump			
16	13811062	4	Pump Bracket			
17	51030008	4	Washer DIN 125-8			
18	52102257	4	Bolt DIN 933 M8-20 8.8			
19	17011007	1	O-Ring D. 57X3			
20	53033008	14	Washer GROWER DIN 127-8			
21	17621003	1	Cap Oil FILLER			



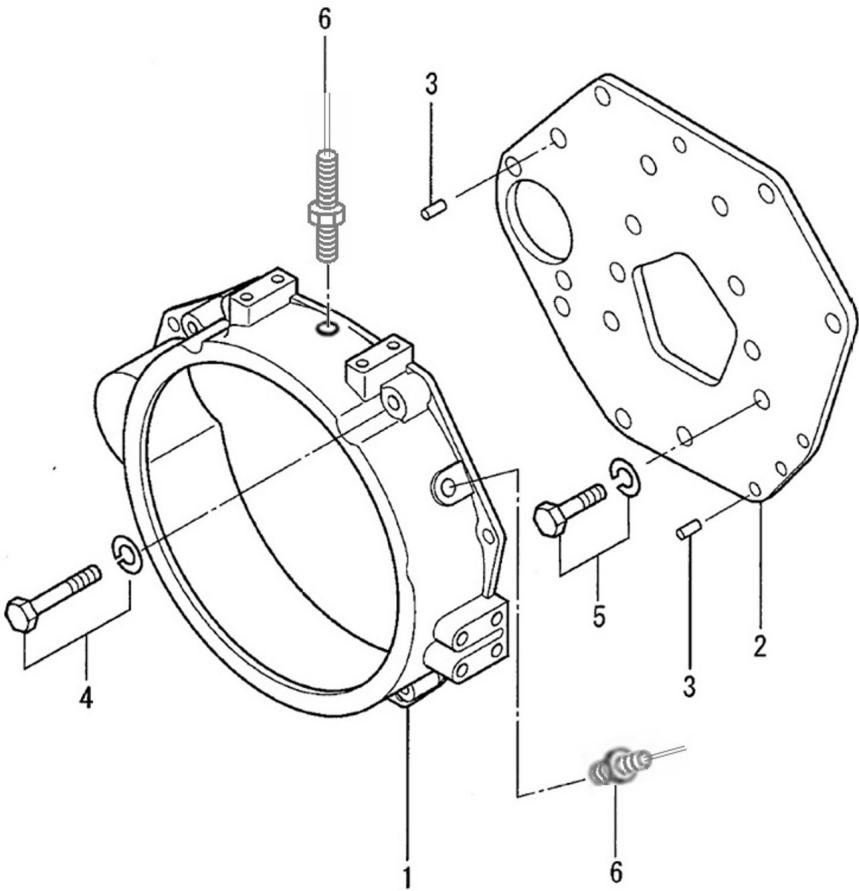
D GC01 1 6
Crankcase

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17220001G	1	Block Assy, Cylinder (Generator)			
2	(*)	1	Not available			
3	17220006.4G	2	Cap Sealing			
4	17221012.4G	2	Cap Sealing			
5	17220009	8	Bolt Bearing Cap			
6	17220011	1	Bushing, CamShaft			
7	17020014	1	Cap			
8	17120019	2	Pin, dowel			
9	17220023	1	Plug, TAPER			
10	17220028	1	Ball			
11	17220014	1	Shaft Assy, IDLER			
12	17620036.4	2	Pin Dowel			
13	13220007	1	Guide			
14	17220012	1	Cap, Sealing			
15	17220013	3	Cap, Sealing			
16	17620020.4	1	Pin			
17	13120009	4	Bushing			
18	13220021	2	Bushing KNOCK			
19	13220022	1	BUSHING,KNOCK			
20	17220019	1	Plug, Expansion			
21	17220016	1	Gasket, Oil Seal Case			
22	17220063	1	Seal, Oil			
23	52102257	5	Bolt DIN 933 M8-20 8.8			
24	17220015	1	Case, Oil Seal			
25A	13620003	1	Metal Set STD.			
25B	13620004	1	METAL Set 0.25			
25C	13620005	1	METAL Set 0.50			
25D	13620006	1	METAL Set 0.75			



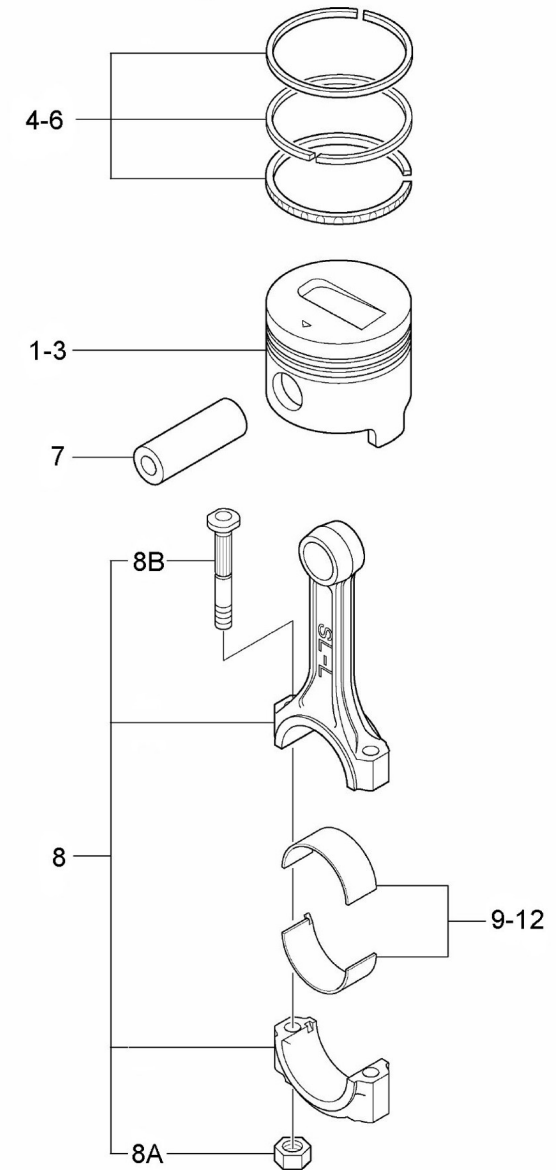
D MI33GSTDN 01 7 Rear Plate

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17220003GDNR	1	Flywheel Housing TAC			
2	17220017	1	Plate, REAR			
3	17220026	2	Pin			
4	17202309	2	Bolt			
5	17220062G	13	Bolt			
6	60972519	2	Magnetic Speed Sensor			



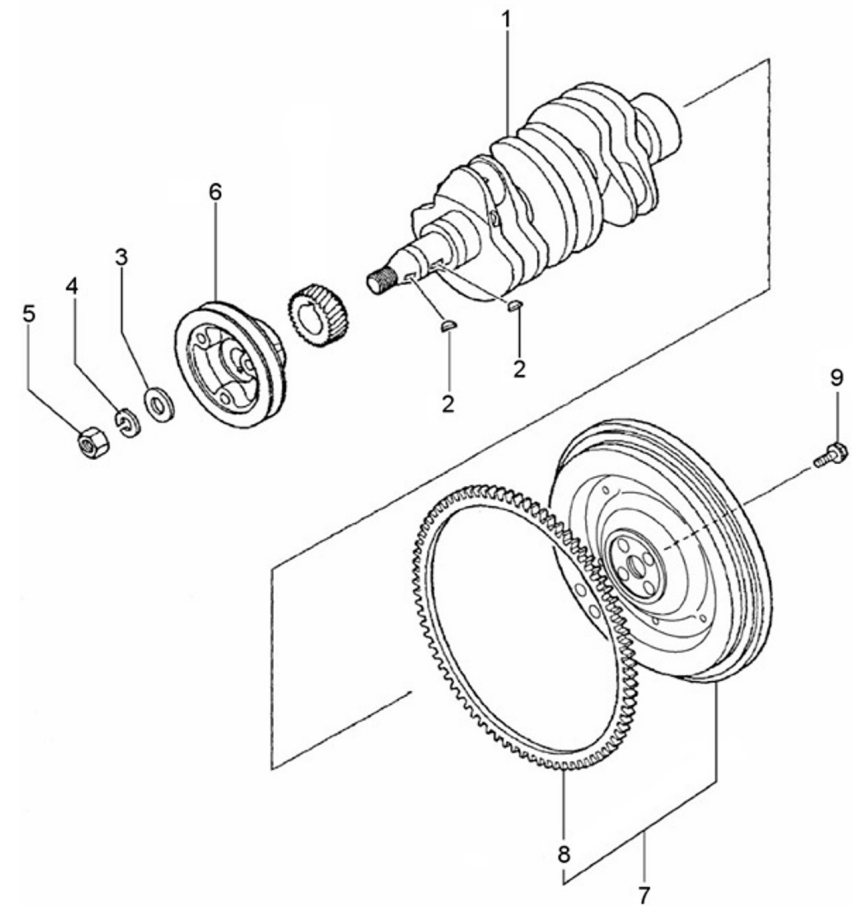
Genset 10 GS/GSC & 12 GSA/GSAC TAC
Engine Body
D GC01 1 8 Piston & Connecting Rod

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17222001G	3	Piston (Generator)			02/04/2018
1	17222001G.1	3	Piston (Genset)		03/04/2018	
2	17222002G	3	Piston + 0,25 (Generator)			
3	17222003G	3	Piston + 0,50 (Generator)			
4	17722006	3	Ring Set,Piston STD.			
5	17722007	3	Ring Set,Piston O.S 0.25			
6	17722008	3	Ring Set,Piston O.S 0.50			
7	17222009	3	Pin, Piston			
8	17222010	3	Rod Assy, Connecting			
8A	17022011	6	Nut,connecting rod			
8B	17222013	6	Bolt,connecting rod			
9	17222014	3	Metal Set, Con Rod STD.			
10	17222015	3	METAL Set, CON ROD - 0,25			
11	17222016	3	METAL Set, CON ROD - 0,50			
12	17222017	3	METAL Set, CON ROD - 0,75			



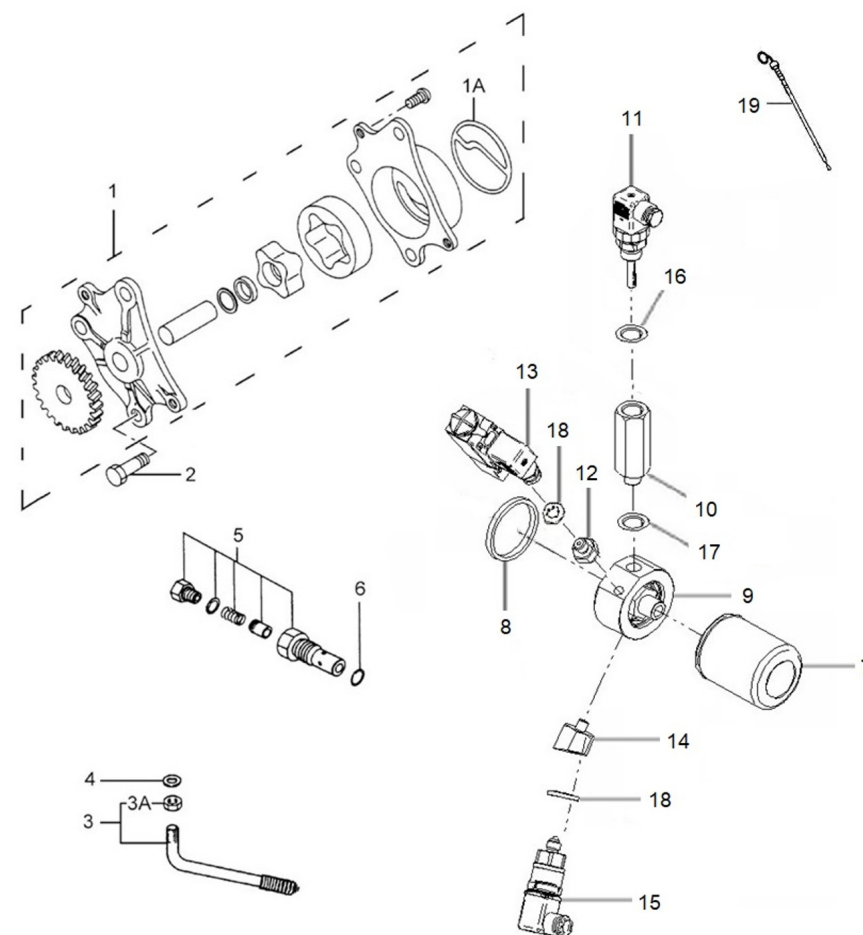
D GC01 1 9**Crankshaft & Flywheel**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17222018G	1	CrankShaft			
2	13222020	2	KEY			
3	17222051	1	Washer, Plain			
4	53033018	1	Washer GROWER DIN 127-18			
5	13222026	1	Nut			
6	17222024	1	Pulley CrankShaft			
7	17222027G	1	Flywheel SUB Assy (Generator)			
8	13222029	1	Gear			
9	17022031	4	Bolt Drive			

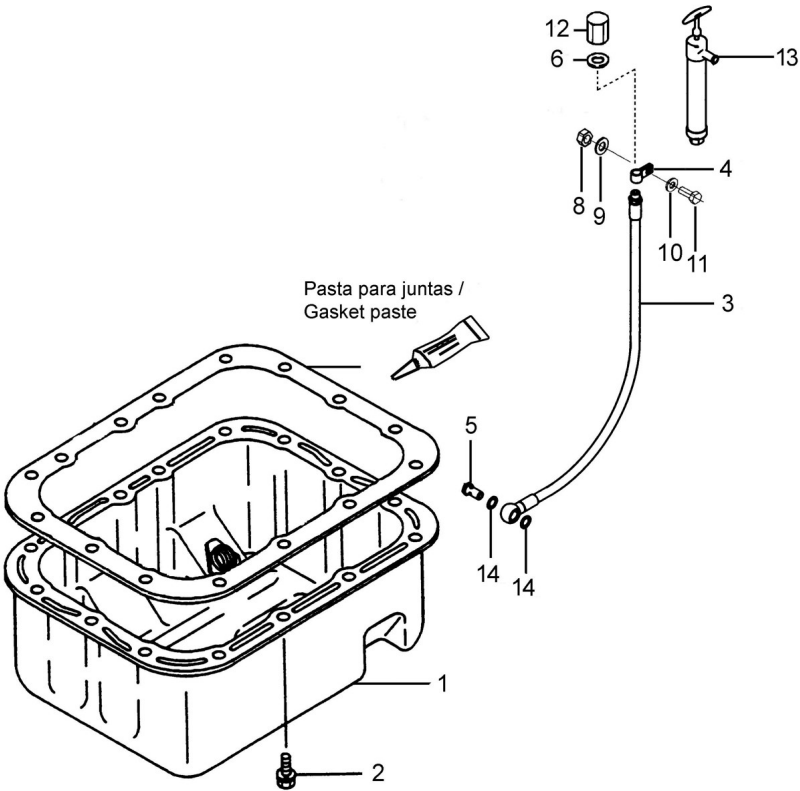


D MI33GSTDN 01 10 Oil System

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17224040	1	Pump Assy, Oil			
1A	17224041	1	Packing, Body			
2	17202258	3	Bolt			
3	17224052	1	Strainer Assy			
3A	13822026	1	Nut			
4	17024001	1	Gasket			
5	17124071	1	Valve, Assy			
6	17424063	1	Gasket			
7	13124051	1	Oil Filter Element from MINI 11 to 55			
8	13812015.05	1	Remote Oil Filter Gasget			
9	17214032	1	Fuel filter Racor Flange			
10	17A17028	1	Conversion Adapter G1/2 a 3/8			
11	60994075	1	Temperature Sensor			
12	17A17032	1	Conversion Adapter R 1/8 A G1/4			
13	6097A072	1	Compact Pressure Switch			
13A	60900956	1	10k ohm Resistor			
14	17A17035.1	1	Conversion Adapter G1/4 a G1/8 BSPT			
15	60994076	1	Marine Approved Pressure Transmitters			
16	56000083	1	Washer 21-26-1,5			
17	56000077	1	Washer 18-23-1,5			
18	56000020	2	Washer 14,3-22-1			
19	17220029	1	Gauge Oil LEVEL			

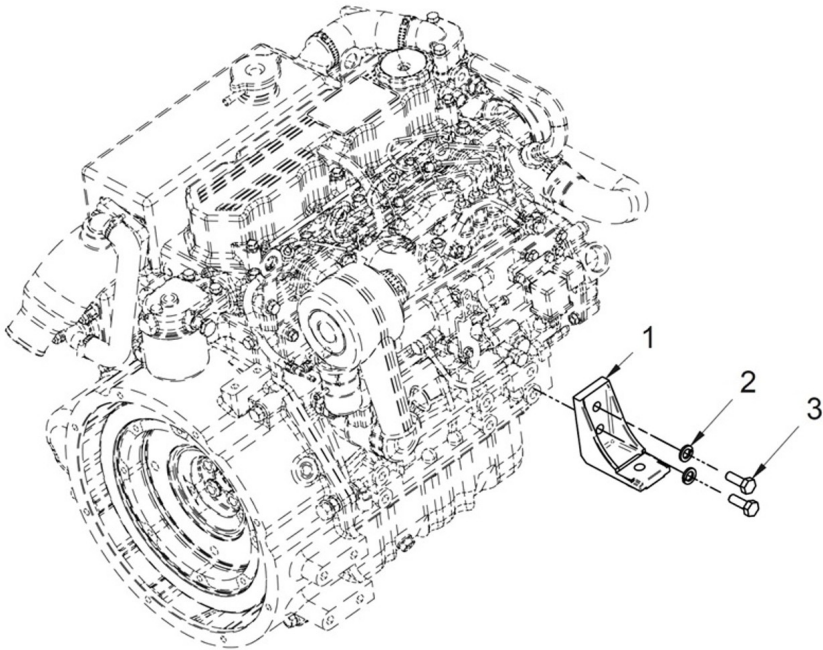


D GC01 1 11		Oil Pan				
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17220030	1	PAN Assy, Oil			
2	17821012	15	Bolt,W/Washer			
3	17214021	1	ExtraCTION, Hose			
4	17214022	1	Bracket, Pipe			
5	12814051	1	Screw,eye			
6	56000217	1	Washer 13-20-3			
8	52220012	1	Nut DIN 934 M12-1,25 8.8			
9	51030012	1	Washer DIN 125-12			
10	53038012	1	Washer DIN 6798-A 12			11/04/2022
11	52202363	1	Bolt DIN 933 M12-1,25-50 8.8			
12	16514020	1	Plug			
13	14714001	1	Oil Extraction Pump			
14	56000069	1	Washer 14-20-1,5			



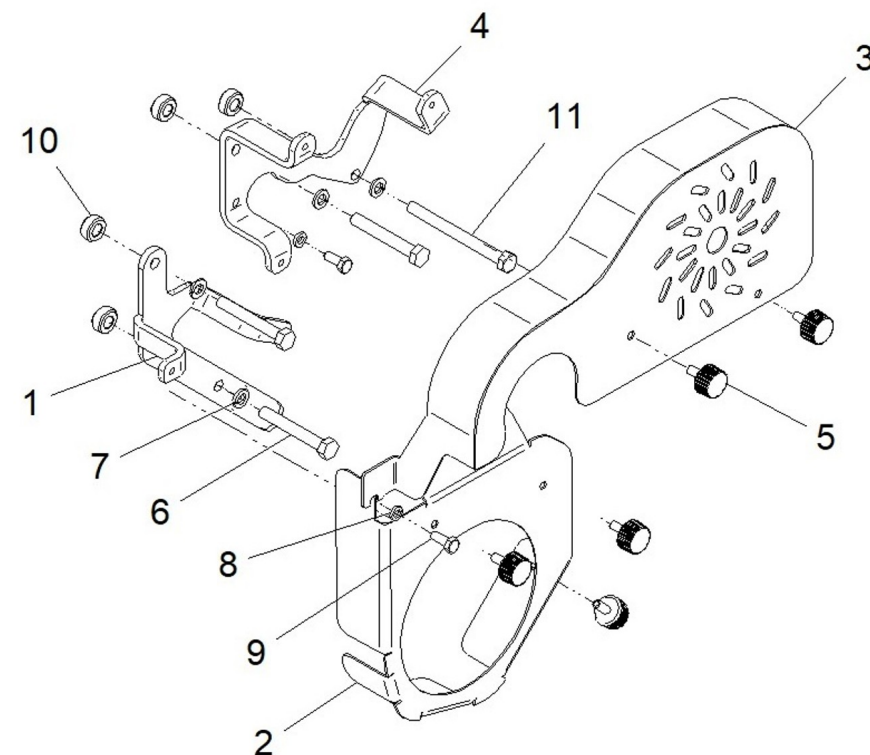
D GC01 1 12 Engine Brackets

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17210034	2	Front Bracket			
2	53033012	2	Washer Grower DIN 127-12			
3	52202359	2	Bolt DIN 933 M12-1,25-30 8.8			

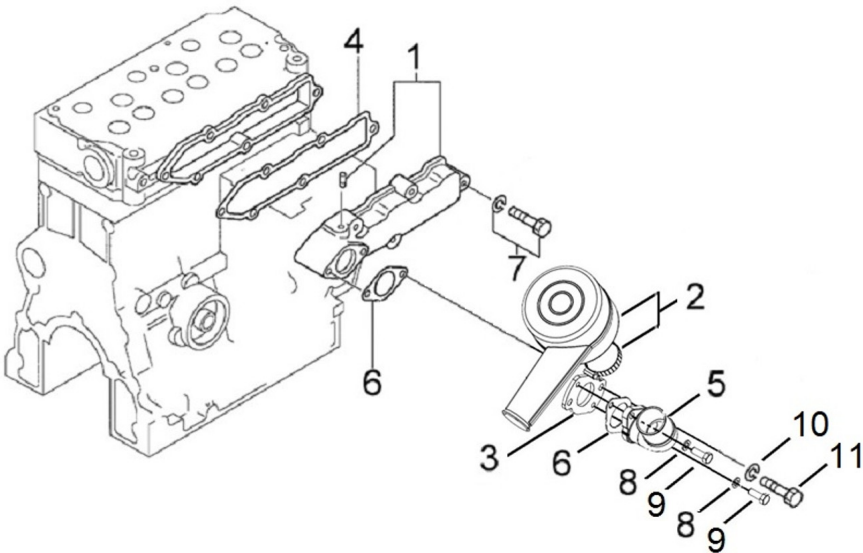


D MI44GSTDN 01 13 Drive Belt Guard For Genset Without Canopy

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17310040	1	Bracket			
2	17310041	1	Drive Belt Guard			
3	17310043	1	Drive Belt Guard			
4	17310042	1	Bracket			
5	13810247	5	Grip Knob M6			
6	52101265	3	Bolt DIN 931 M8-60 8.8			
7	53033008	4	Washer GROWER DIN 127-8			
8	51030006	2	Washer DIN 125-6			
9	52102156	2	Bolt DIN 933 M6-16 8.8			
10	12117044	4	Spacer			
11	52101271	1	Bolt DIN 931 M8-90 8.8			
NS	18517013	1	Spacer 10X20X7			

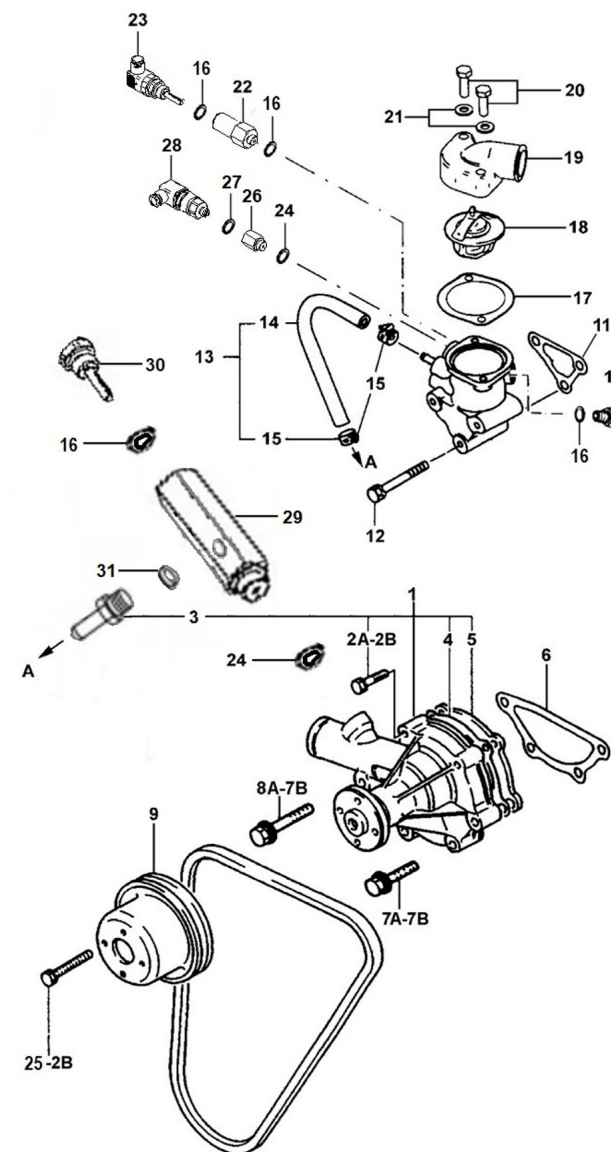


D MI33GSTDN 02 1					
Inlet					
Fig.	Ref.	Qty.	Descr.	Obs	From UpTo
1	17221030	1	Cover Assy, Inlet		
2	13810074	1	Air Filter		
3	17210042	1	Inlet Flange		
4	17221032	1	Gasket, Inlet Cover		
5	17210020	1	Bend		
6	17221034	1	Gasket, Inlet Pipe		
7	17721011	5	Bolt,W/Washer		
8	53038008	2	Washer DIN 6798-A 8		
9	52102257	2	Bolt DIN 933 M8-20 8.8		
10	53033008	2	Washer GROWER DIN 127-8		
11	52103257	2	Bolt DIN 912 M8-20 8.8		



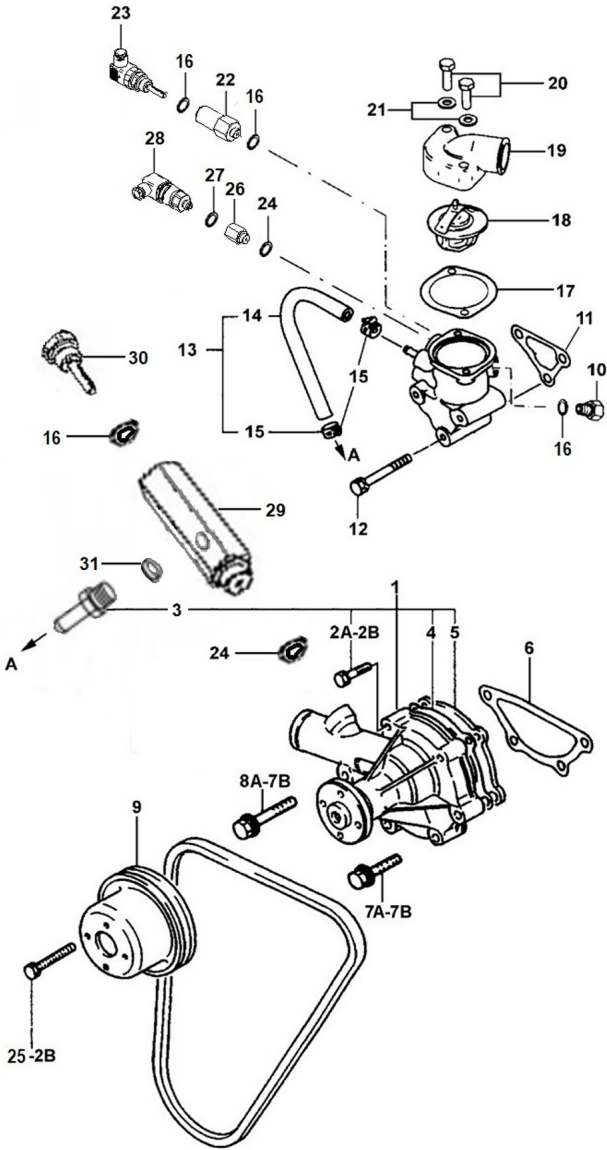
D MI33GSTDN_03_1**Water Pump**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17221020	1	Fresh Water Pump			
2A	52102259	2	Bolt DIN 933 M8-30 8.8			
2B	53033006	6	Washer GROWER DIN 127-6			
3	13221026	1	NIPPLE Hose			
4	13221022	1	Gasket Water Pump			
5	13221042	1	Plate Water Pump			
6	13221041	1	Gasket Water Pump			
7A	52101262	3	Bolt DIN 931 M8-45 8.8			
7B	53033008	7	Washer GROWER DIN 127-8			
8A	17201265	1	Bolt			
9	17221021	1	Pulley,Water Pump			
10	17121016	1	Plug, drain			
11	17221033	1	Gasket, Thermostat Case			
12	17420062G.1	3	Bolt,W/Washer (Generator)			
13	17221025	1	Hose Assy			
14	17221024	1	Elbow			
15	17824029	2	Clip,Hose			
16	56000083	4	Washer 21-26-1,5			
17	17221031	1	Gasket,Thermostat			
18	17221027G	1	Thermostat			
19	17211020	1	Fitting, Water Outlet			
20	52101260	2	Bolt DIN 931 M8-35 8.8			
21	53038008	2	Washer DIN 6798-A 8			
22	17317035	1	Conversion Adapter G1/2 A 5/8 UNF			
23	60994075	1	Temperature Sensor			
24	56000077	2	Washer 18-23-1,5			
25	52102155	4	Bolt DIN 933 M6-12 8.8			
26	17A17030	1	Conversion Adapter G1/4 a 5/8"SAE			
27	56000020	1	Washer 14,3-22-1			
28	60994076	1	Marine Approved Pressure Transmitters			
29	17317032	1	Conversion Adapter G3/8 BSP			



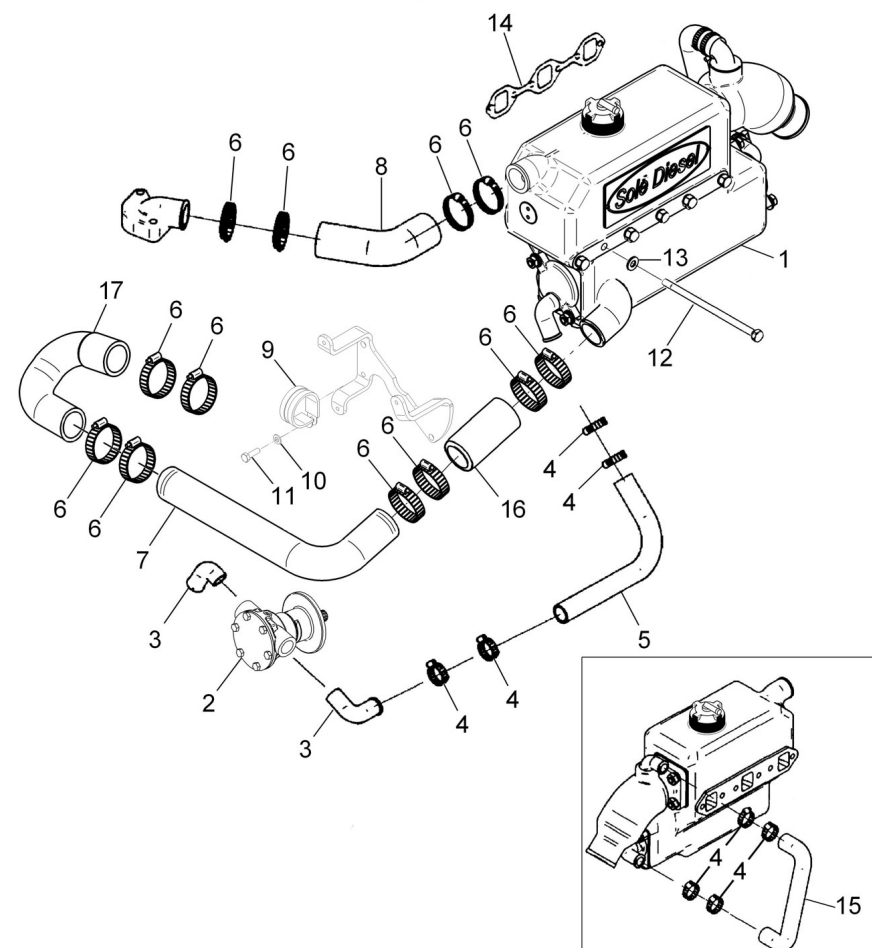
D MI33GSTDN 03 1 Water Pump

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
30	6097A075	1	Thermostat DNV 95° Trafag			
	30A 60900956	1	10k ohm Resistor			
31	56000073	1	Copper Washer 16-23-1,5			



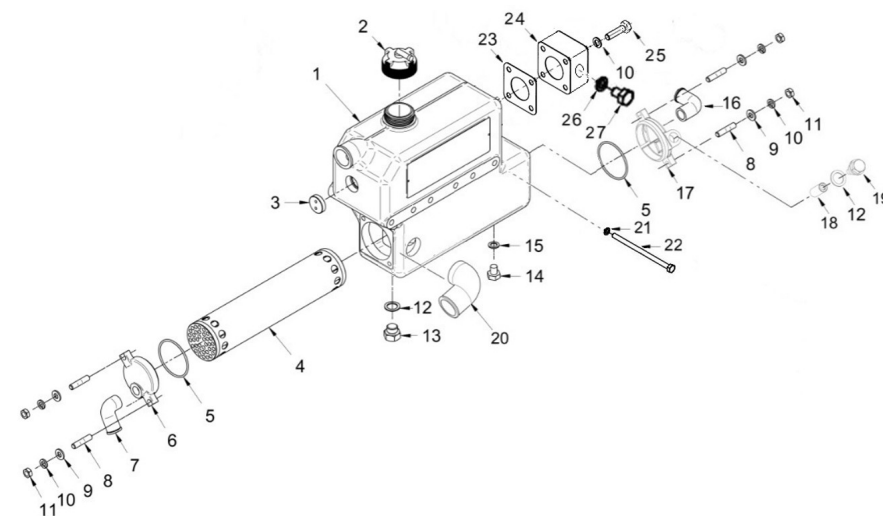
D MI33GSTDN 03 4 Cooler Pipes

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17211002R	1	Water Cooler Assy MINI-33 (Spare Part)			
2	37611000	1	Splined Pump 1/2" MINI-11/17/29/33/44			
3	13811027	2	Elbow 1/2"			
4	54081016	8	Clamp DIN 3017 16-27/9 W4			
5	17011012	1	Elbow			
6	54082032	12	Clamp DIN 3017 32-50/12 W4			
7	17011022	1	Pipe,from cooler to engine			
8	17211021	1	Elbow			
9	51071373	1	Clamp 31-40/15 W1			
10	51030006	1	Washer DIN 125-6			
11	52102157	1	Bolt DIN 933 M6-20 8.8			
12	54101323	6	Bolt DIN 931 M8-140 Inox.			
13	56000057	6	Washer 8-13-1,5			
14	17221035	1	Gasket, Exhaust Manifold			
15	17211034	1	Rubber WET Exhaust Inlet BEND			
16	15211053	1	Pipe 38-50-100			
17	19411034	1	Pipe, Rubber			



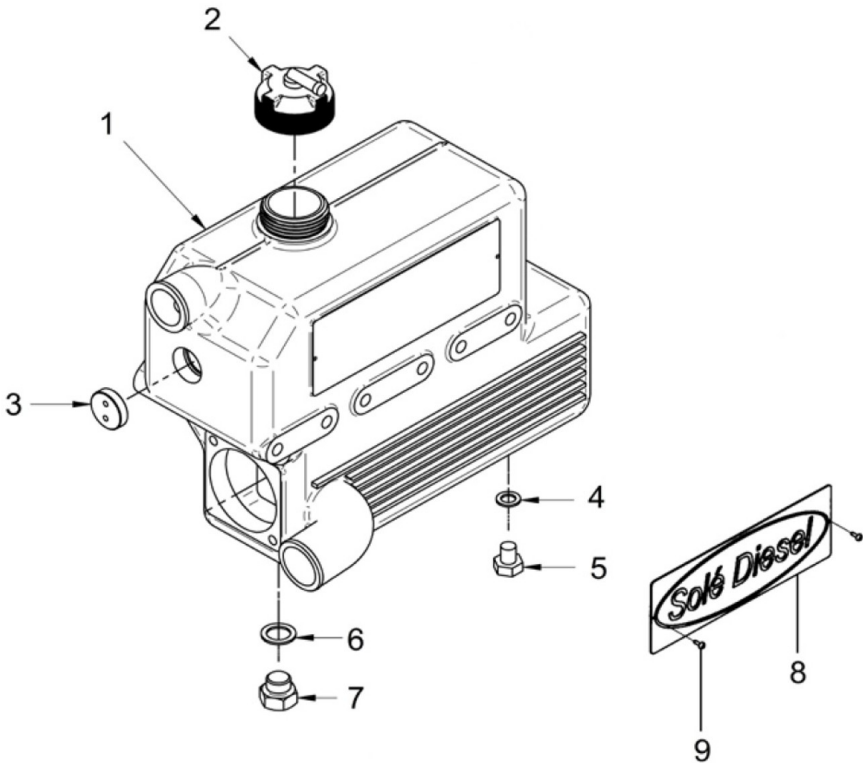
D MI33GSTDN 03 5 Water Cooler Assy MINI-33 TAC

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17211003	1	Body, Water Cooler			
2	13811010	1	Cap			
3	12113092	1	Plug			
4	17211004	1	Tubular Bundle			
5	13811007	2	O-Ring D. 57X2,5			
6	13811002	1	Water Cooler Cover			
7	13211027	1	Water Inlet Bend			
8	13311006	4	Stud,cover			
9	51030008	4	Washer DIN 125-8			
10	53033008	8	Washer GROWER DIN 127-8			
11	54120008	4	Nut DIN 934 M8			
12	56000073	2	Copper Washer 16-23-1,5			
13	12111076	1	Plug			
14	54102306	1	Bolt DIN 933 M10-16 INOX.			
15	56000061	1	Washer 10-16-1,5			
16	13211035	1	Exhaust Manifold Outlet Bend			
17	17211042	1	Water Cooler Cover			
18	13811043	1	Engine Anode 29.5 mm M.8			
19	18011009	1	Anode Plug			
20	17111011	1	Elbow 1 1/8"			
21	56000057	6	Washer 8-13-1,5			
22	54101323	6	Bolt DIN 931 M8-140 Inox.			
23	15113043	1	Exhaust Elbow Gasket			
24	17317033	1	Sensor Spacer			
25	52103260	4	Bolt DIN 912 M8-35 8.8			
26	56000077	1	Washer 18-23-1,5			
27	19411027	1	Plug			



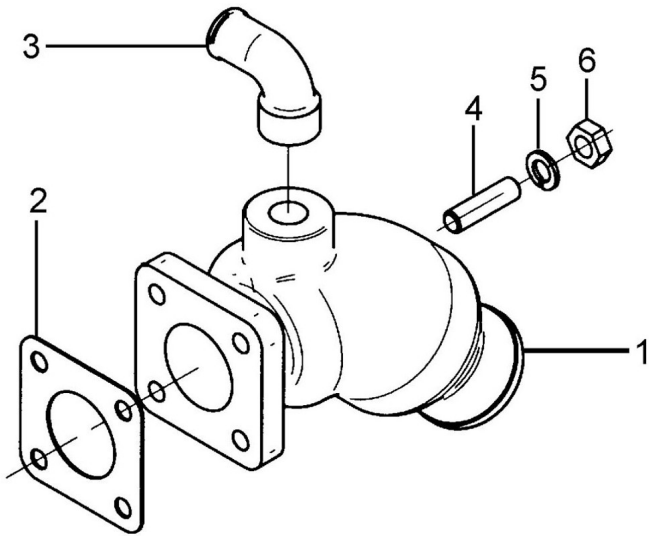
17211001C Body, Water Cooler And Cap

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17211001	1	Body, Water Cooler			
2	13811010	1	Cap			
3	12113092	1	Plug			
4	56000061	1	Washer 10-16-1,5			
5	54102306	1	Bolt DIN 933 M10-16 INOX.			
6	56000073	1	Copper Washer 16-23-1,5			
7	12111076	1	Plug			
8	17111060	1	Plate "SOLE Diesel"			
9	17111062	2	Bolt			



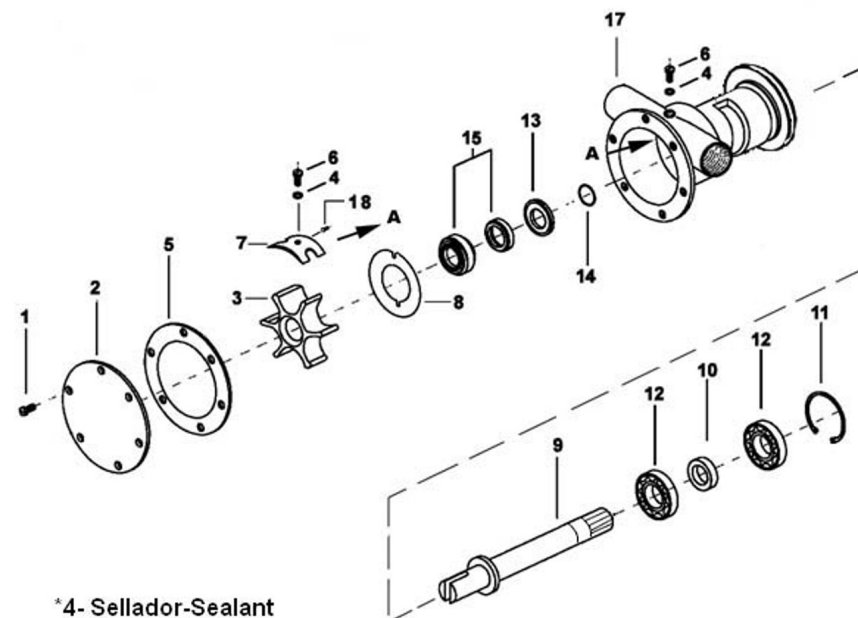
D GC01 3 5 Wet Exhaust

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17013015G	1	Elbow,WET Exhaust			
2	15113043	1	Exhaust Elbow Gasket			
3	17211028	1	Water Bend			
4	13311006	4	Stud,cover			
5	53033008	4	Washer GROWER DIN 127-8			
6	52120008	4	Nut DIN 934 M8 8.8			



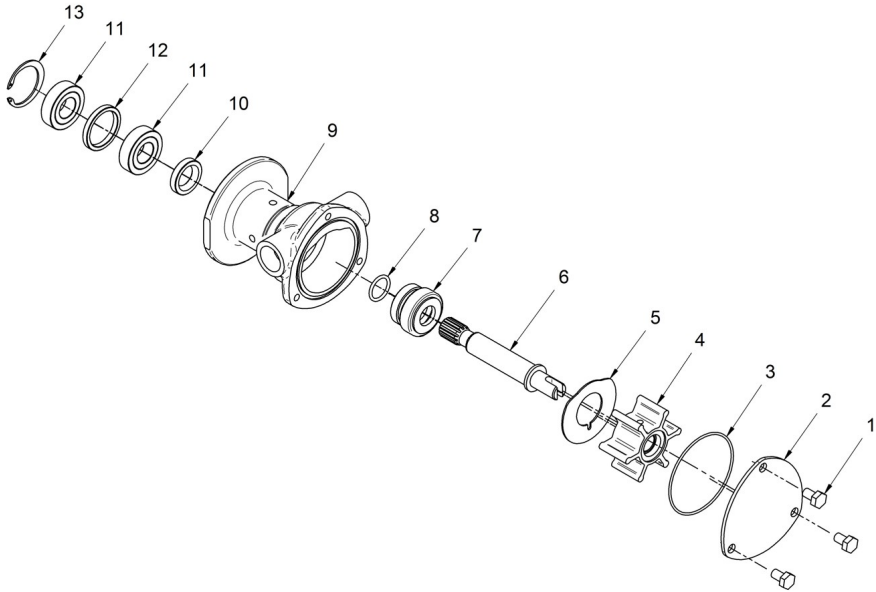
33811000**1/2" Pump Water, Set**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	54102104	6	Bolt DIN 933 M5-10 INOX.			
2	31211002	1	Cover Pump			
3	31211008	1	1/2" Impeller			
5	31211003	1	Gasket Cover			
6	55307105	1	Bolt DIN 86 W3/16-13			
7	31211005	1	Cam			
8	33411026	1	Wearplate			
9	33811010	1	Shaft, Water Pump			
10	33811015	1	Spacer			
11	53041032	1	CIRClip DIN 472 I-32			
12	33411014	2	Ball Bearing 6002-C3			
13	33411020	1	Seal			
14	33311013	1	O-Ring D. 15X2			
15	33411019	1	Seal			
17	33811001	1	Body, Water Pump			
18	33411017	1	Pin, Dowel			



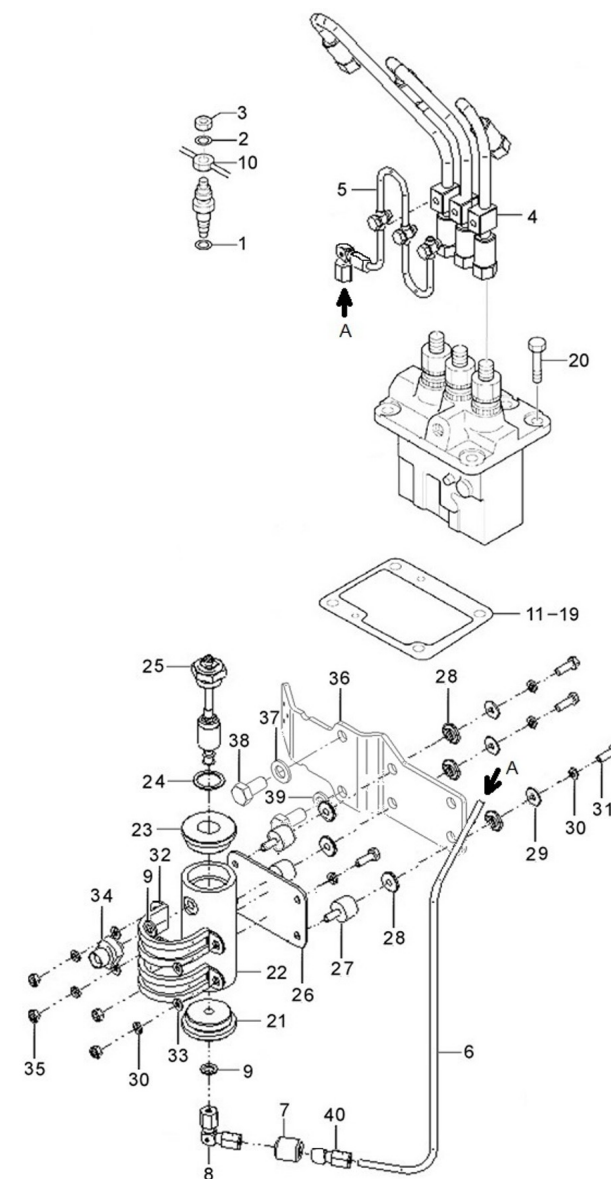
37611000 Splined Pump 1/2" MINI-11/17/29/33/44

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	54102154	3	Bolt DIN 933 M6-10 INOX			
2	37611002	1	Cover Pump			
3	37611003	1	O-Ring D. 57x1,5			01/06/2022
4	31211008	1	1/2" Impeller			
5	37611026	1	Plate, Friction			
6	33811010	1	Shaft, Water Pump			
7	33411019	1	Seal			
8	33311013	1	O-Ring D. 15X2			
9	37611001	1	Body, Water Pump 1/2"			
10	33411020	1	Seal			
11	33411014	2	Ball Bearing 6002-C3			
12	33811015	1	Spacer			
13	53041032	1	CIRClip DIN 472 I-32			



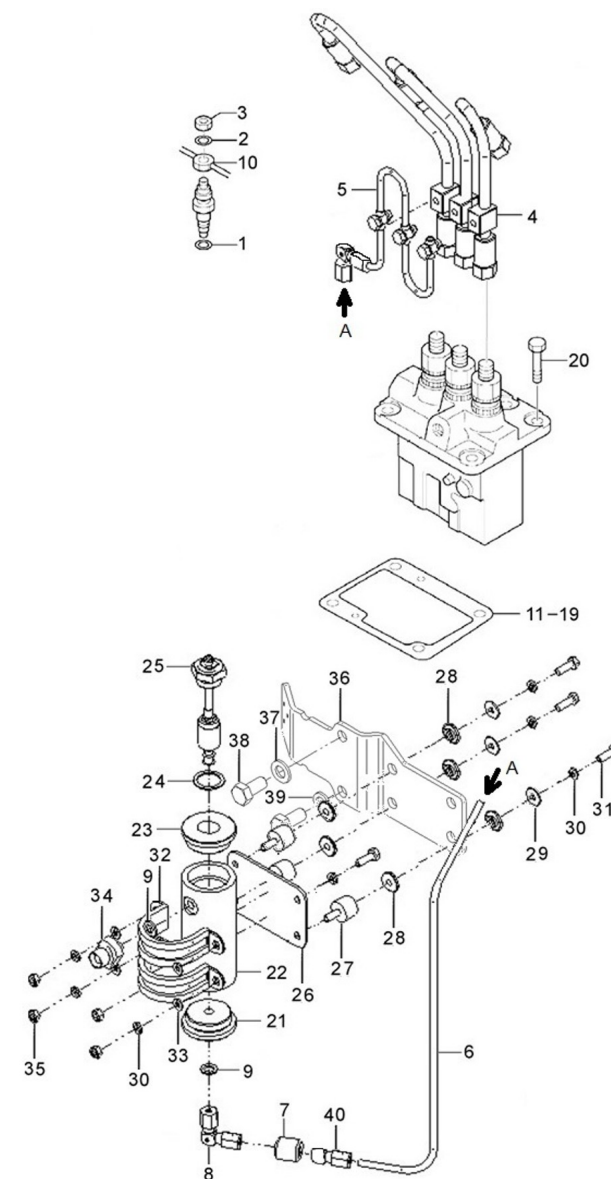
D MI33GSTDN 04 1 Fuel Pipe And Fuel Leak Alarm

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	13824013	3	Injector Washer			
2	17424025G.1	3	Gasket Fuel Return (Genset)			
3	13824024	3	Nut			
4	17224100R	1	Kit Injection Pipes 2nd Wall			
5	17214039	1	Fuel Pipe			
6	17214040	1	Fuel Pipe			
7	17A14029	1	1/8-28 To M10 Threat Adaptator			
8	17712007	1	Elbow 1/8" GAS			
9	56000061	2	Washer 10-16-1,5			
10	17224002.4G	1	Fuel Return			
11	13624003	0	Shim Adjusting T=0,2mm	#		
12	17224004.4	0	Shim Adjusting T=0,3mm	#		
13	13624005	0	Shim Adjusting T=0,4mm	#		
14	17224006	0	Shim Adjusting T=0,5mm	#		
15	17224007	0	Shim Adjusting T=0,6mm	#		
16	17224008	0	Shim Adjusting T=0,7mm	#		
17	13624009	0	Shim Adjusting T=0,8mm	#		
18	17224010	0	Shim Adjusting T=0,9mm	#		
19	17224011	0	Shim Adjusting T=1,0mm	#		
20	52102257	4	Bolt DIN 933 M8-20 8.8			
21	17517009.4	1	Lower cover			
22	17517009.2	1	Tube			
23	17517009.3	1	Cover, Upper			
24	56000086	1	Washer 22,3-29-1,5			
25A	17517009.1	1	Fuel Leak Switch 12V			
Figure A for 12V System						
25B	17517017.1	1	Fuel Leak Switch 24V			
Figure b for 24V System						
26	17517009.6	1	Alarm Bracket			
27	17414009	3	Anti Vibration Mount			
28	17A17011	6	Bakelite Bushing			



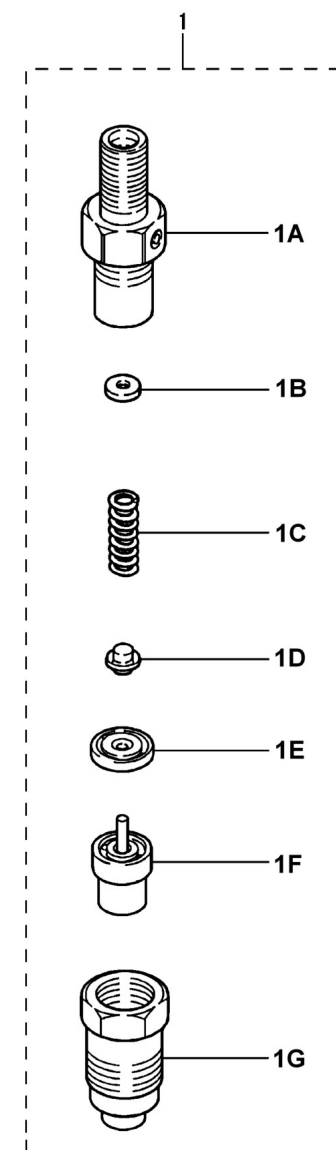
D MI33GSTDN 04 1 Fuel Pipe And Fuel Leak Alarm

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
29	51031006	3	Washer DIN 9021 6			
30	53033006	7	Washer GROWER DIN 127-6			
31	52102157	3	Bolt DIN 933 M6-20 8.8			
32	59072482	2	Clamp 2 48/20 W1			
33	51030006	4	Washer DIN 125-6			
34	17B14032	1	Fitting 1/8 - 3/8 Nylon			
35	52120006	4	Nut DIN 934 M6 8.8			
36	17217027	1	Sensor Sopport			
37	51030012	1	Washer DIN 125-12			
38	52102358	2	Bolt DIN 933 M12-25 8.8			
39	53033012	1	Washer Grower DIN 127-12			
40	19414028	1	P-GEV 6LR 1/8			
NS	19424101	1	Spray stop kit			



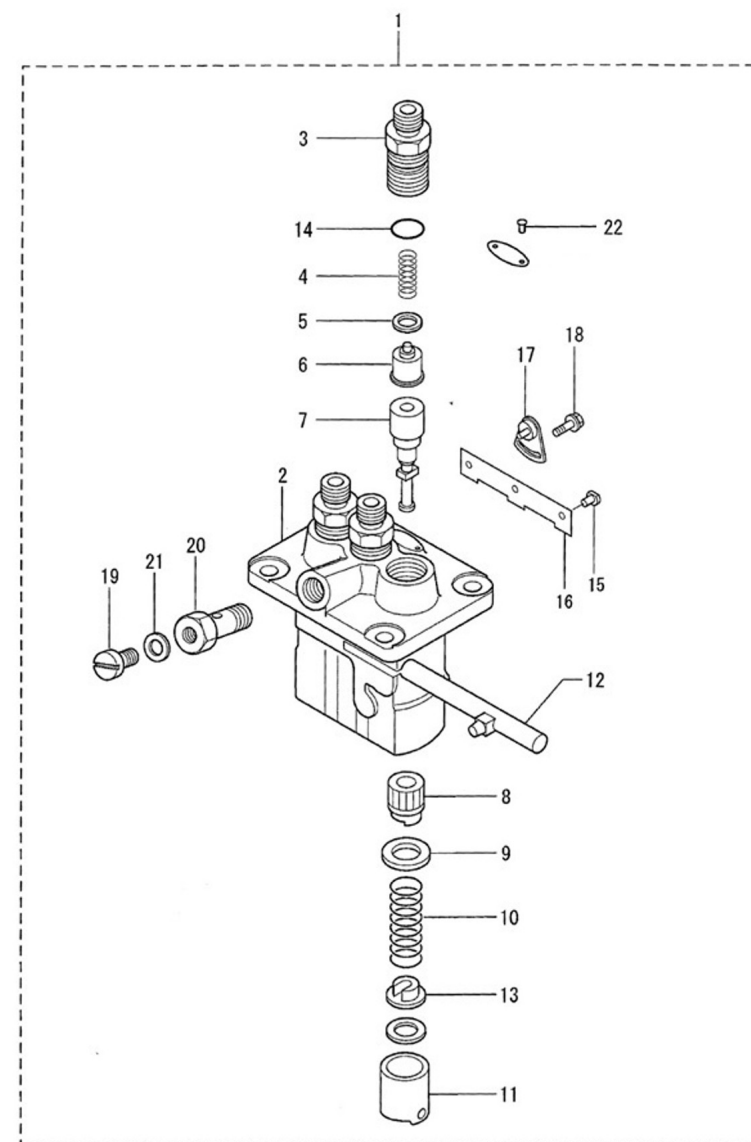
D GC01 4 2 **Injection Nozzle**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	13826001	3	Nozzle & Holder A			
1A	13826002	3	Body Assy			
1BAA	13826010	0	Washer 1,25	#		
1BAB	13826011	0	Washer 1,30	#		
1BAC	13826012	0	Washer 1,35	#		
1BAD	13826013	0	Washer 1,40	#		
1BAE	13826014	0	Washer 1,45	#		
1BAF	13826015	0	Washer 1,50	#		
1BAG	13826016	0	Washer 1,55	#		
1BAH	13826017	0	Washer 1,60	#		
1BAI	13826019	0	Washer 1,65	#		
1BAJ	13826020	0	Washer 1,70	#		
1C	17226004	3	Spring, Pressure			
1D	13826003	3	Pin Pressure			
1E	13826007	3	PIECE DISTANCE			07/01/2020
1F	13826018	3	Nozzle Assy			
1G	17226009	3	Nut			



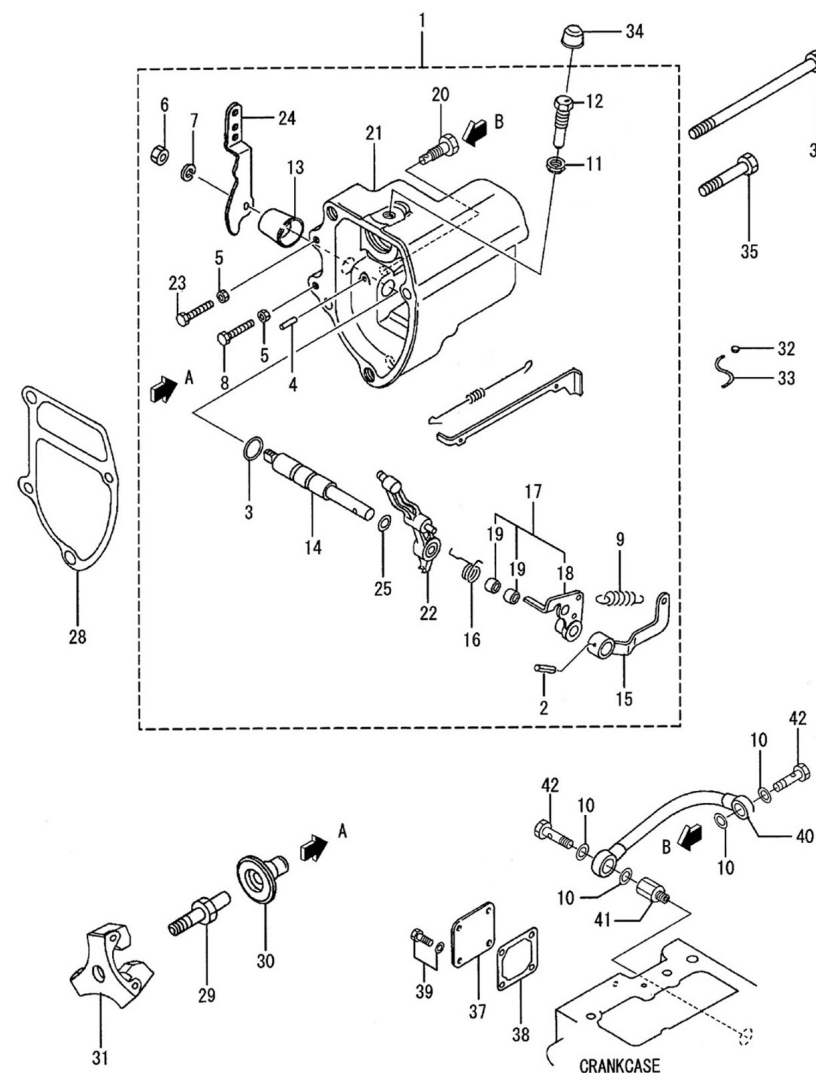
D GC01 4 3 Fuel Injection Pump

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17225001G	1	Pump Assy, Fuel Injection (Generator)			
2	17225005G	1	Housing Sub Assy			
3	17225004	3	Holder Delivery Valve			
4	13225002	3	Spring DELIVERY Valve			
5	13125007	3	Gasket DELIVERY V			
6	17225008G	3	Valve SUB-Assy (Generator)			
7	17225009G	3	Element SUB Assy (Generator)			
8	13125010	3	SLEEVE			
9	13125011	3	Seat Spring Upper			
10	13125012	3	Spring Plunger			
11	13125021	3	Tappet SUB Assy			
12	17225006	1	RACK Assy, Control			
13	13125013	3	Seat Spring LOWER			
14	13125033	3	O-Ring D. 15X2,5			
15	13125022	3	Pin Tappet Guide			
16	13625023	1	Plate			
17	13125030	2	Plate Assy Pressure			
19	17225026.3	1	Screw Air BLEEDER			
20	17225027.3	1	Screw HOLLOW			
21	17225025.3	1	Washer DRAIN Screw			
22	13125003	2	RIVET			



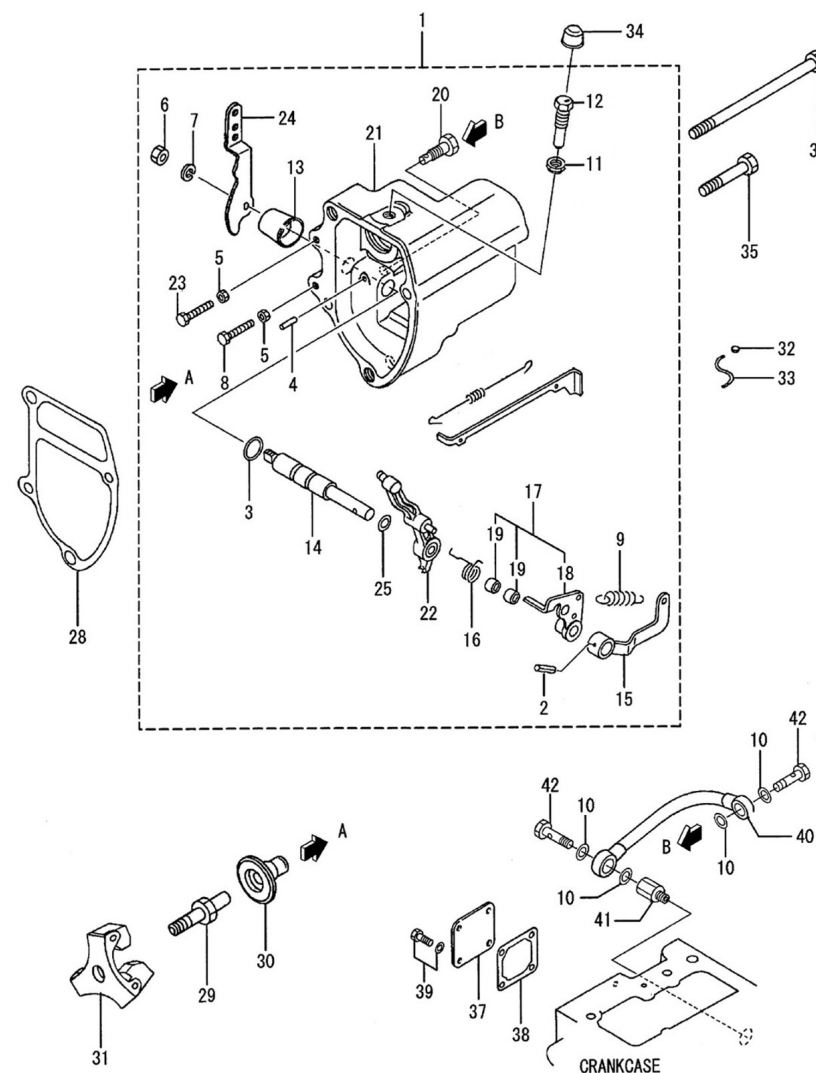
D MI33GSTDN 04 4 Governor Parts

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17223000G	1	Case Assy, GOverNOR (Generator)			
2	17223009	1	Pin, Spring			
3	17223046	1	O-Ring D. 10X2,5			
4	13123009	1	Pin GROOVED			
5	17223032	2	Nut			
6	17223030	1	Nut			
7	53033008	1	Washer GROWER DIN 127-8			
8	17223017	1	Bolt			
9	17223044G	1	Spring GOverNOR (Generator)			
10	(*)	2	Not available			
11	17223035	1	Nut			
12	13823034	1	RACK Set Screw (new)			
13	17223036	1	Cover, Governor			
14	17223006	1	Shaft, GOverNOR			
15	17223003	1	Lever, Governor			
16	17223028	1	Spring			
18	17223029	1	Lever Assy			
19	13220034	2	Roller Bearings			
20	17222020	1	Bolt			
21	17223019G	1	Case, GOverNOR			
22	17223007G	1	Lever, GOverNOR (Generator)			
23	17223025	1	Bolt Low Idle Set			
24	17223008.4G	1	Lever Assy speed			
25	17323047.4	1	Shim, Governor Shaft			
26	17223048	1	Lever TIE-ROD			
27	17223049	1	Spring TIE-ROD			
28	17223033	1	Gasket, Governor Case			
29	17223050	1	Shaft, SLIDING SLEEVE			
30	17223031G	1	SLEEVE, SLIDING (Generator)			
31	17223001G	1	WEIGHT Assy,GOverNOR (Generator)			
32	13123020	1	Shutter			



D MI33GSTDN 04 4 Governor Parts

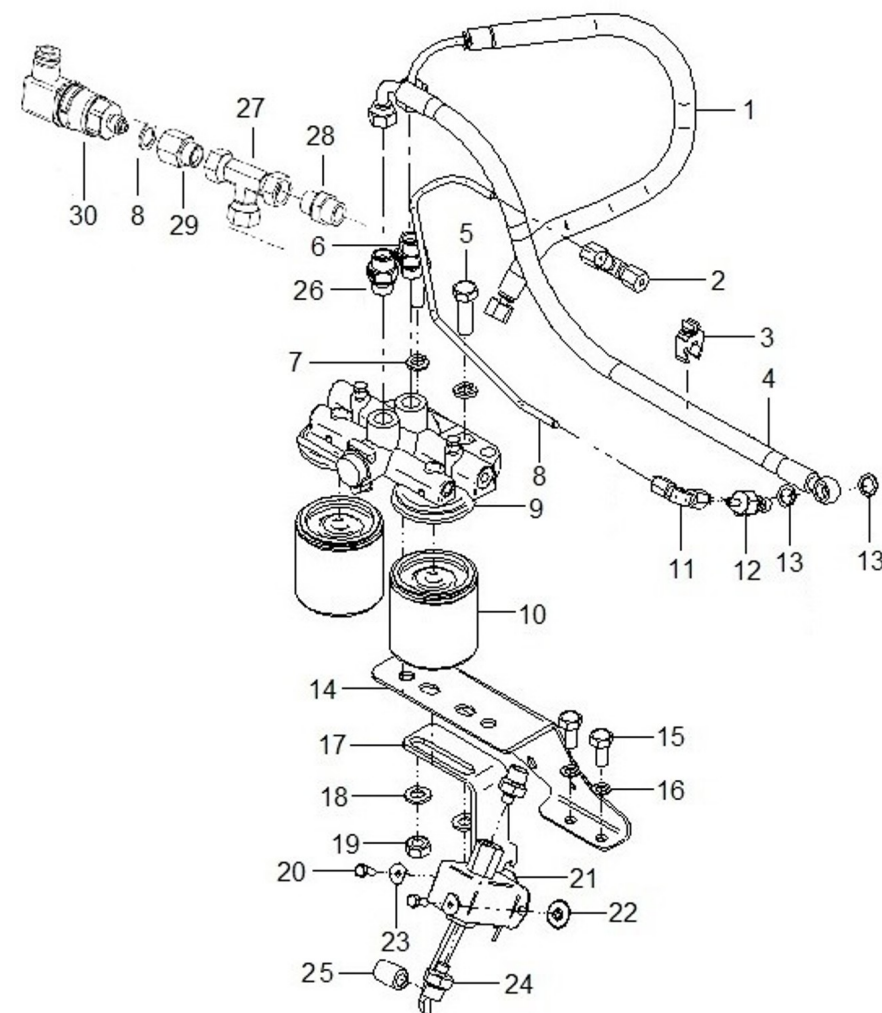
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
33	13123019	1	Metal Sealing			
34	13823042	1	Cap TORQUE Set SE			
35	17220034	3	Bolt			
36	17223052	1	Bolt, Governor Case			
37	17223043	1	Cover TIE-ROD			
38	13223014	1	Gasket Cover			
39	13802156	4	Bolt			
40	17224004G	1	Pipe,Oil			
41A	17322022	1	Adapter			
Figure A for Standard System						
41B	17322029	1	Adapter			
Figure b for Parallel System						
42A	17322020	2	VIS			
Figure A for Standard System						
42B	17322028	1	BOLT, EYE			
Figure b for Parallel System						
43	17322021	4	Gasket			



D MI33GSTDN 04 5

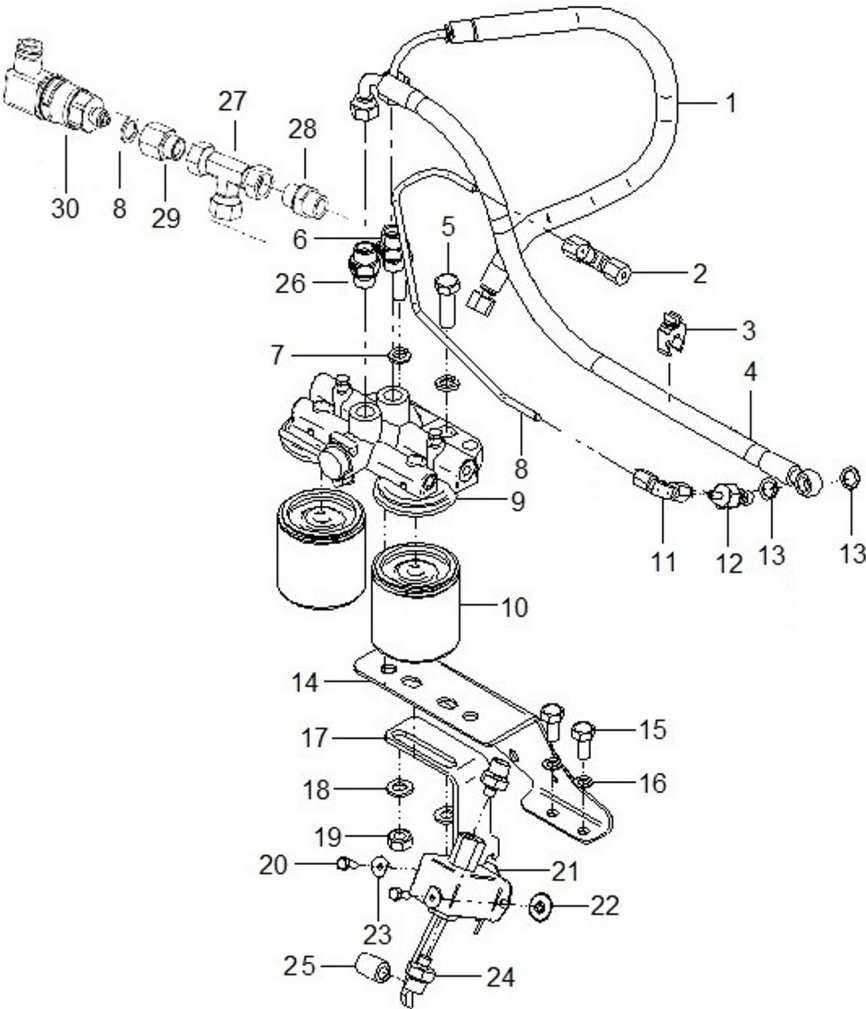
Fuel Supply Parts

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17A14005	1	Fuel Hose DNV			
2	17A14035	1	P-WV 6L4L6L Male Stud Equal Elbow Fitting			
3	17314037	1	Clamp Plastic D6 D18			
4	17314023	1	DNV Double Filter Fuel Hose			
5	52102361	2	Bolt DIN 933 M12-40 8.8			
6	19414039	1	Racor Fitting Male M18x150-M20x150			
7	53033012	2	Washer Grower DIN 127-12			
8	17214041	1	Fuel Pipe			
9	17414002	1	Bracket			
10	17314022	2	Fuel Filter Element Double Filtre MINI-33/44			
11	17A14026	1	P-WV 6L Male Stud Equal Elbow Fitting			
12	17214030	1	Coupling, cover filter			
13	57000369	2	Washer 14,2-20-1,5			
14	17314032	1	Bracket, gasoil Filter			
15	52102308	2	Bolt DIN 933 M10-25 8.8			
16	53033010	2	Washer GROWER DIN 127-10			
17	17314033	1	Bracket, gasoil Filter			
18	51030012	2	Washer DIN 125-12			
19	52120012	2	Nut DIN 934 M12 8.8			
20	52102156	2	Bolt DIN 933 M6-16 8.8			
21A	13814070	1	Electric Fuel Feed Pump 12V			
Figure A for 12V System						
21B	19014070	1	Pump 24V.			
Figure b for 24V System						
22	17417010	2	Bakelite Bushing			
23	17417014	2	Washer			
24	19414032	2	FITTING 1/8 - 3/8			
25	19117014	2	Spacer 10,5X20X20			
26	17314041	1	Straight Connection Fitting M18X150-3/8"BSP		01/01/2025	
27	19414042	1	Female Racord Fitting G 3/8		01/01/2025	
28	17314042	1	Straight Connection Fitting M20X150-3/8"BSP		01/01/2025	



D MI33GSTDN 04 5 Fuel Supply Parts

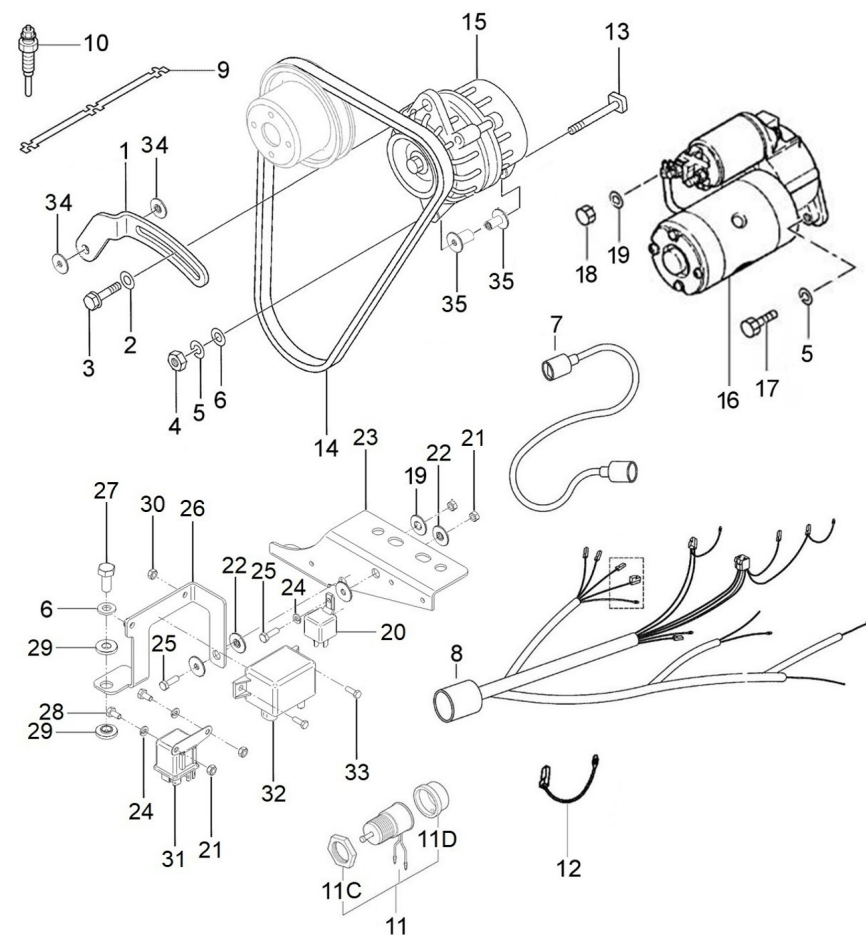
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
29	17A17038	1	Conversion Adapter G3/8 A G1/4		01/01/2025	
30	60994076	1	Marine Approved Pressure Transmitters		01/01/2025	



D MI33GSTDN_05_1

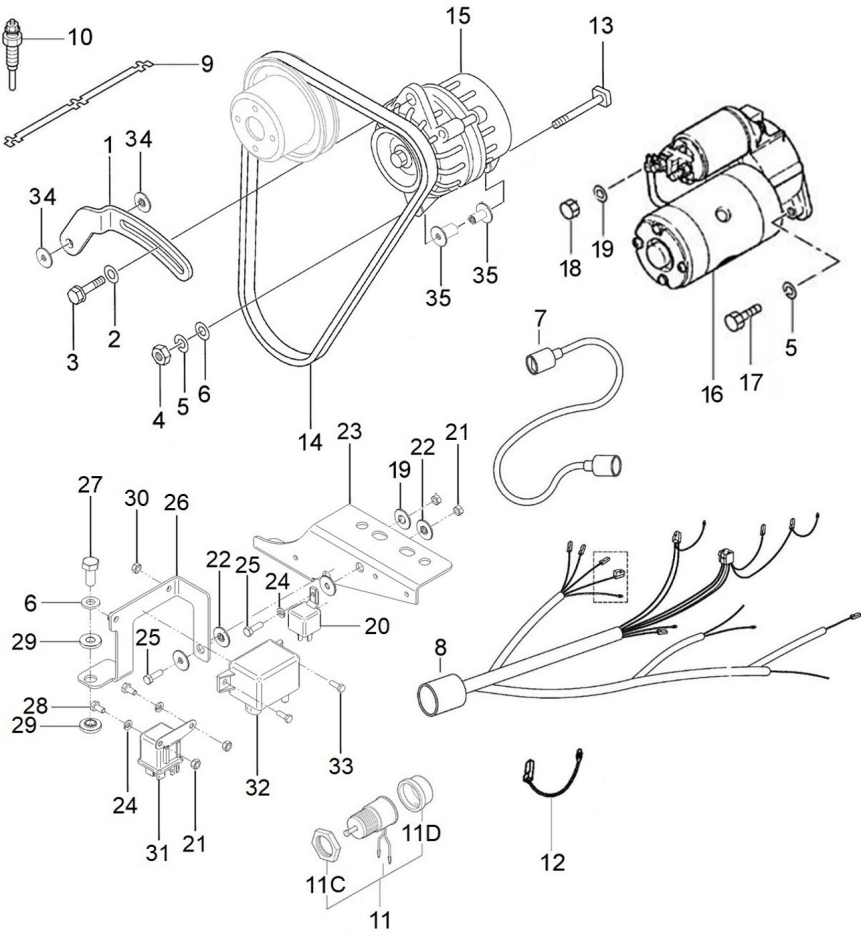
Electrical System 12V

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17227007	1	Plate			
2	51031008	1	Washer DIN 9021 8			
3	13827012	1	Bolt			
4	17827003	1	Nut			
5	53033010	3	Washer GROWER DIN 127-10			
6	51030010	2	Washer DIN 125-10			
8	60973900	1	Elect. Inst. G. MINI-44 TAC			
9	17227018	1	Plate			
10	17127017	3	Plug, glow			
11A	17324026G	1	SOLENOID, Assy			
Figure A for Standard System						
11B	60972524	1	GAC Actuator L2E,L3E,S3L,S3L2,S4L,S4L2			
Figure b for Parallel System						
11C	13425029	1	Nut (old)			
11D	17324025G	1	SOLENOID			
12	60934040	1	Wirine			
13	17227070	1	Bolt, Alternator			
14	17221060G	1	V-Belt			
15	17227010	1	Alternator 12V/50A			
16	17227002	1	Starter Assy 12 V Genset			
17	52202308	2	Screw DIN 961 8.8 M-10/1,25X25			
18	52120008	1	Nut DIN 934 M8 8.8			
19	51030008	2	Washer DIN 125-8			
20	18217005	1	Relay 12V 12-100			
21	54120006	4	Nut DIN 934 M6 INOX			
22	17417010	4	Bakelite Bushing			
23	17314032	1	Bracket, gasoil Filter			
24	53033006	2	Washer GROWER DIN 127-6			
25	52102157	2	Bolt DIN 933 M6-20 8.8			
26	17310046	1	Relay Bracket			
27	52102308	1	Bolt DIN 933 M10-25 8.8			



D MI33GSTDN_05_1 Electrical System 12V

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
28	52102155	2	Bolt DIN 933 M6-12 8.8			
29	17117024	2	Bracket Bakelite Bushing			
30	51123005	2	Nut DIN 985 M5 5.6			
31	13827005	1	Glow Relay			
32	19017113	1	Relay 12V Earth Isolated Nagares			
33	52102106	2	Bolt DIN 933 M5-15 8.8			
34	17217012	2	Tensor Bakelite Bushing			
35	17217011	2	Bracket Bakelite Bushing			
NS	60900028	2	Diode 25A Studded cathode type DSI			



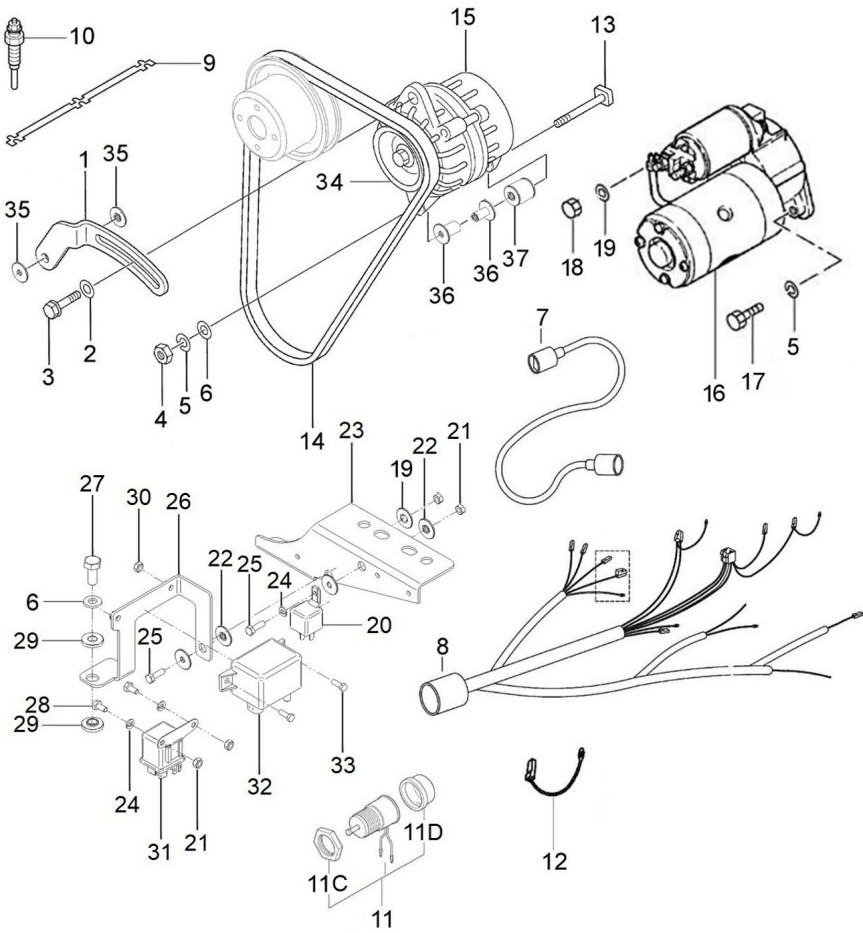
Electrical System 24V

This diagram illustrates the exploded view of a vehicle engine assembly, showing the relationship between various components. The parts are numbered as follows:

- 1: Engine block
- 2: Bolt
- 3: Bolt
- 4: Bolt
- 5: Bolt
- 6: Bolt
- 7: Hose
- 8: Cable
- 9: Bolt
- 10: Bolt
- 11: Bolt
- 11C: Bolt
- 11D: Bolt
- 12: Bolt
- 13: Bolt
- 14: Bolt
- 15: Bolt
- 16: Bolt
- 17: Bolt
- 18: Bolt
- 19: Bolt
- 20: Bolt
- 21: Bolt
- 22: Bolt
- 23: Bolt
- 24: Bolt
- 25: Bolt
- 26: Bolt
- 27: Bolt
- 28: Bolt
- 29: Bolt
- 30: Bolt
- 31: Bolt
- 32: Bolt
- 33: Bolt
- 34: Bolt
- 35: Bolt
- 36: Bolt
- 37: Bolt

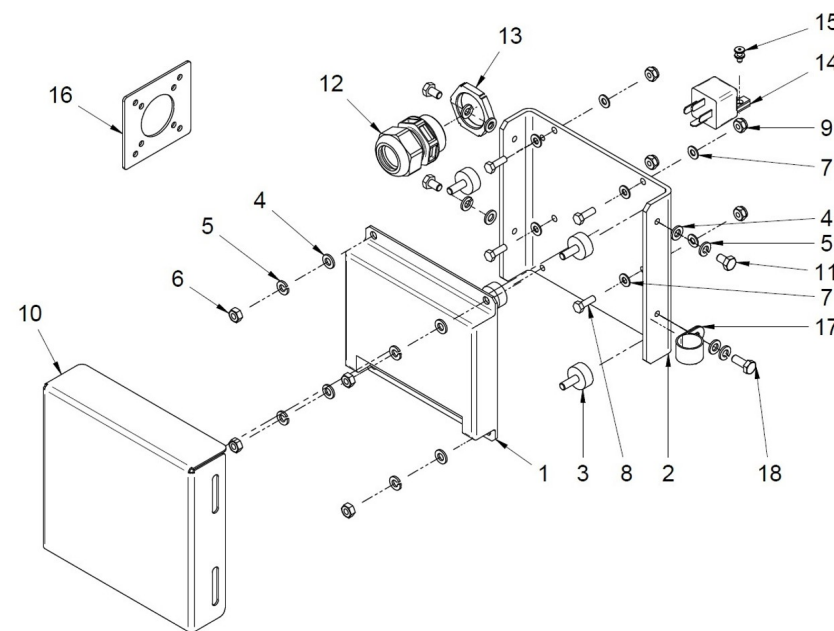
D MI33GSTDN 05 2 Electrical System 24V

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
30	51123005	2	Nut DIN 985 M5 5.6			
31	17527006	1	Glow Relay 24V			
32	19017114	1	Relay 24V Earth Isolated Nagares			
33	52102106	2	Bolt DIN 933 M5-15 8.8			
34	17617003	1	Pulley Alternator			
35	17217012	2	Tensor Bakelite Bushing			
36	17217011	2	Bracket Bakelite Bushing			
37	17217020	1	Spacer 10,5X25X36			
NS	60900028	2	Diode 25A Studded cathode type DSI			



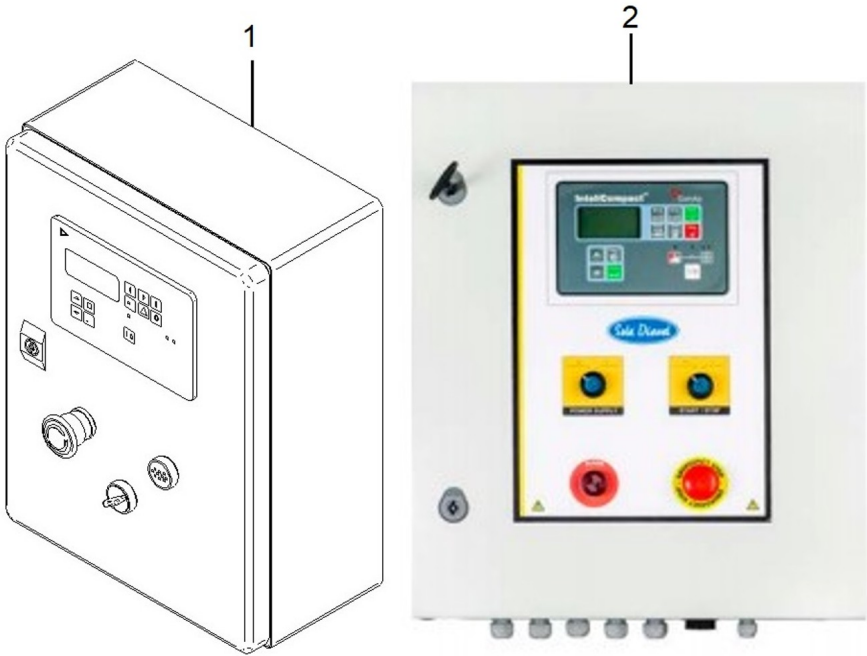
D 60971525 Electronic Gov. control system 12V

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	60972525	1	Speed Control Unit G.A.C 5100 Low Inter.			
2	17317007	1	Electronic Unit Bracket			
3	17A14009	4	Anti Vibration Mount M6			
4	51030006	8	Washer DIN 125-6			
5	53033006	8	Washer GROWER DIN 127-6			
6	52120006	4	Nut DIN 934 M6 8.8			
7	51030005	8	Washer DIN 125-5			
8	52102106	4	Bolt DIN 933 M5-15 8.8			
9	51123005	4	Nut DIN 985 M5 5.6			
10	17317008	1	Parallel electronic unit cover			
11	52102154	3	Bolt DIN 933 M6-10 8.8			
12	60900310	1	Connector Press CAPTOR-2000 M32 RAL7001			
13	60900311	1	Screw Connector Press Captor-2000 M32			
14	63900028	1	Relay 12V 40/15A NO+NC with Diode			
15	51058054	1	Aluminium Rivet 4.0 X 10			
16	60573041.25G	1	Connector Adapter Parallel			
17	59071224	1	Clamp RSGU 1 22/15 W1			15/11/2023
17	59071324	1	Clamp RSGU 1 32/15 W1			15/11/2023
18	52102156	1	Bolt DIN 933 M6-16 8.8			
NS	58088284	1	Pastic Cable Zip Tie			
NS	60900088	2	TERMINAL Female SUPERSEAL			
NS	60900089	2	SUPERSEAL male terminal			
NS	60900322	1	2 female channel connector SUPERSEAL			
NS	60900323	1	2 male channel connector SUPERSEAL			
NS	60900330	4	SUPERSEAL yello rubber protection			
NS	60972517	1	Connector for actuator Packard type			
NS	60972519	2	Magnetic Speed Sensor			
NS	60974223DNV	1	Auxiliary Installation Electronic Gov. TAC Genset			



D MI33GSTDN 05 4 Control Cabinets

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1A	6097A215	1	Box CO 40 17/25/35/45/50/68 GT TAC 12V			
1B	6097A220	1	Box CO 40 17/25/35/45/50/68 GT TAC 24V			
2A	60972761	1	Parallel Kit 11 GT 230V TAC Control 12V			
2B	60972762	1	Parallel Kit 11 GT 400/230V TAC Control 12V			
2C	60972763	1	Parallel Kit 14 GTA 240V TAC Control 12V			
2D	60972764	1	Parallel Kit 14 GTA 480/277V TAC Control 12V			
2E	60972760	1	Parallel Kit 10 GS 230V TAC Control 12V			
2F	60972767	1	Parallel Kit 12 GSA 240V Control 12V			



D 1138T

Genset Extension TAC

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1A	6097A216	1	Wiring Extension Genset TAC 6 M.			
1B	6097A218	1	Wiring Extension TAC Genset 12 M. CPC 37 V.			
1C	60974552	1	3-way Wiring Wxtension for Auxilliary Kits 4 m			
1D	60900165	1	3-way Wiring Extension for Auxilliary Kits 6 m			
1F	60900166	1	3-way Wiring Extension for Auxilliary Kits 12 m			
1G	60900167	1	3-way Wiring Extension for Auxilliary 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	60974227.12	1	AVR External Control Cable 12m.			
1L	60974228.12	1	ECU External Control Cable 12m.			
1M	60974227.24	1	AVR External Control Cable 24m.			
1N	60974228.24	1	ECU External Control Cable 24m.			



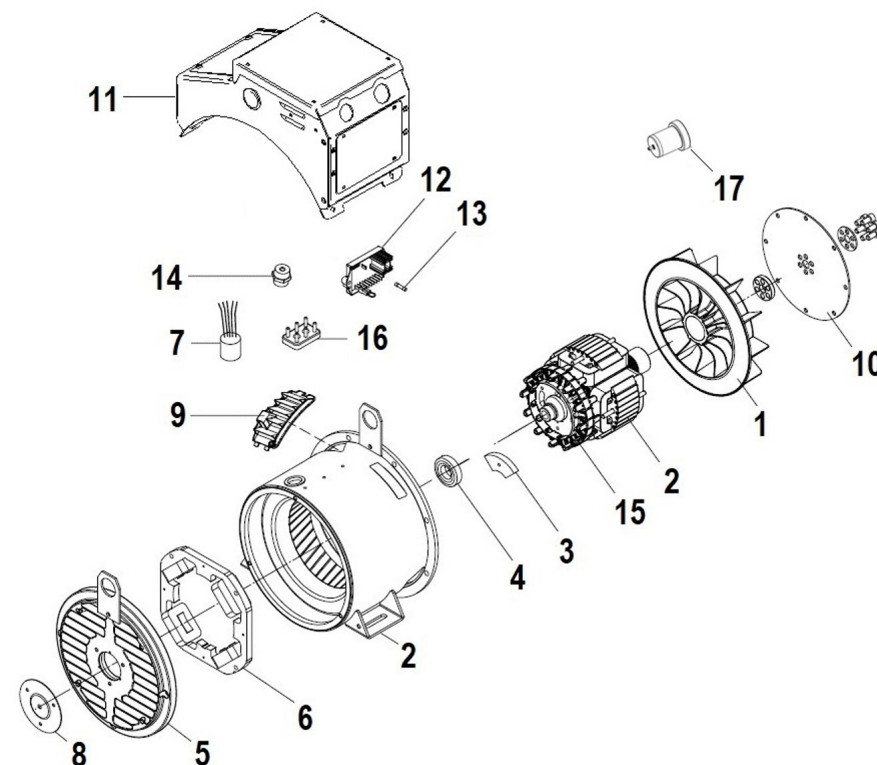
D MI33GTDN 06 1 Alternator 11 GT/GTC and 14 GTA/GTAC

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1A	605113011Z0R	1	Sincro Alternator III 11KVA 1500RPM 400/230V Certifi			
1B	605113011Z1R	1	Sincro Alternator III 11KVA 1500RPM 230V Certificate			
1C	605123013Z0R	1	Sincro Alternator III 13,5KVA 1800RPM 480/277V Certi			
1D	605123013Z1R	1	Sincro Alternator III 13,5KVA 1800RPM 240V Certifica			



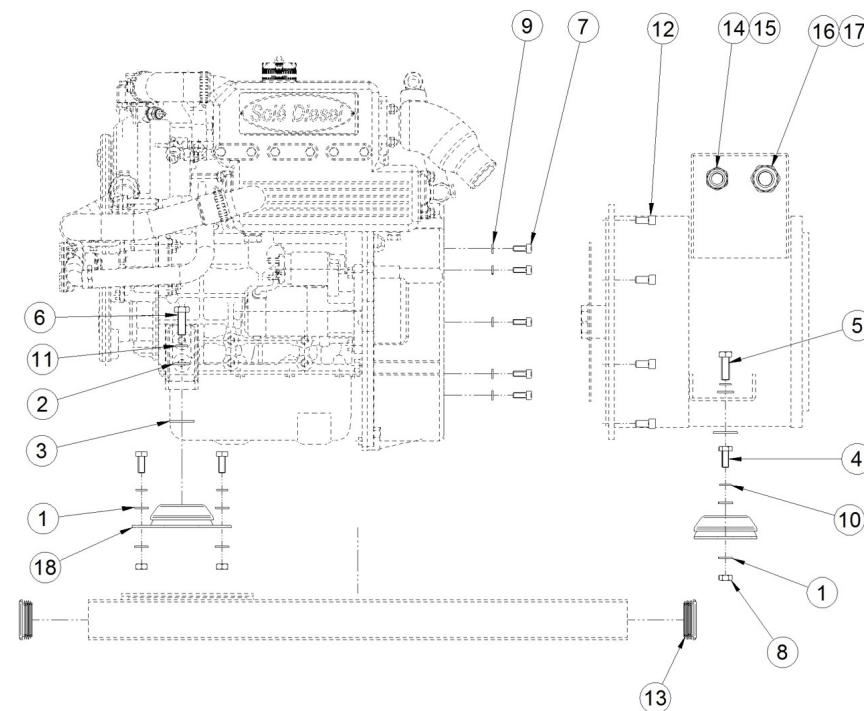
D MI33GSTDN 06 2 Alternator Spare Parts

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	605113175.1	1	Fan SK160M- 4P			
2	(*)	1	Not available			
3	60574340.10	1	Diode Bridge SK160-S/C/L/M			
4	605113255.1	1	Bearing 6206 2RS/C3			
5	605111075.13	1	Rear Shield			
6	605113255.2	1	Exciter stator SK160C-, M-, L-			
7	605113175.2	1	EMC filter SK160SM-			
8	605113255.3	1	Rear shield cover			
9	605113365.03	1	IP23 Grid			
10	605113255.4	1	Kit disks 7,5"			
11	17217033	1	DNV Special Alt. Box			
12	605111075.35.1	1	Electronic Board AVR BL4 U			
13	605113365.05	1	Fuse 5x20 3,15A F			
14A	605113255.5	1	M6 insulator clamp			
14B	605113365.02	1	M8 Insulator Clamp			
15	605113255.6	1	Exc. rotor SK160C-, M-, L- 4P			
16A	605113255.7	1	M6 terminal board			
16B	605113365.04	1	M8 Terminal Board			
17	UMSINCRO1	1	SINCRO SK160 Special Tool			



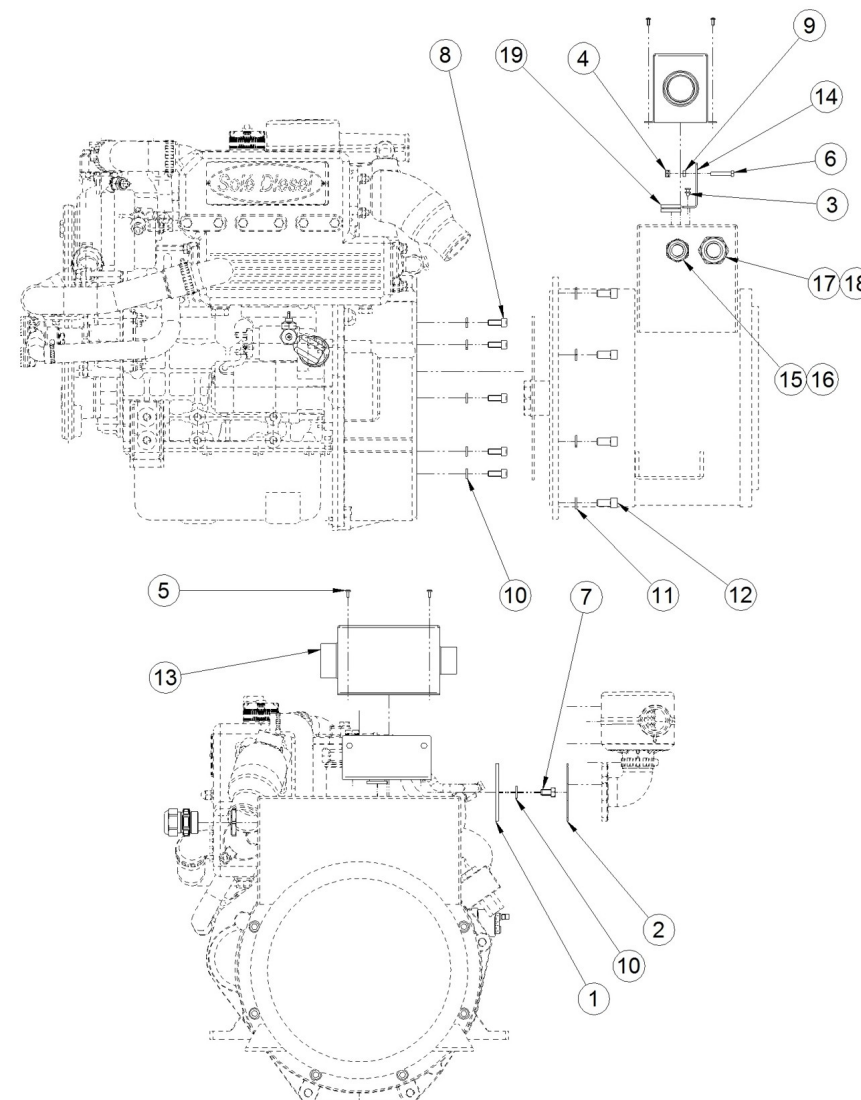
D 60572106 Alternator Kit Without Canopy

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	51030010	16	Washer DIN 125-10			
2	51030012	4	Washer DIN 125-12			
3	51031012	4	Washer DIN 9021 12			
4	52102307	8	Bolt DIN 933 M10-20 8.8			
5	52102359	2	Bolt DIN 933 M12-30 8.8			
6	52102360	2	Bolt DIN 933 M12-35 8.8			
7	52103257	8	Bolt DIN 912 M8-20 8.8			
8	52120010	8	Nut DIN 934 M10 8.8			
9	53033008	8	Washer GROWER DIN 127-8			
10	53033010	8	Washer GROWER DIN 127-10			
11	53033012	4	Washer Grower DIN 127-12			
12	60539017	8	ALT. SINCRO FASTENING Bolt			
13	60539019	4	LID (60 Tube)			
14	60900306	1	Connector Press CAPTOR-2000 M25 RAL7001			
15	60900309	1	Screw Connector Press Captor-2000 M25			
16	60900310	1	Connector Press CAPTOR-2000 M32 RAL7001			
17	60900311	1	Screw Connector Press Captor-2000 M32			
18	61673001	4	Engine Mount Type F 35 SHA M12 H 34			
NS	53104257	4	Bolt DIN 7984 M8-20 12.9			
NS	58088282	4	Pastic Cable Zip Tie			
NS	60511112S.81	2	16 mm Hexagon Plug			
NS	60900158	1	Terminal Tubular Sleeve (1.5)			
NS	TR.1.5.8	4	Ring Terminal 1.5 Sec.			



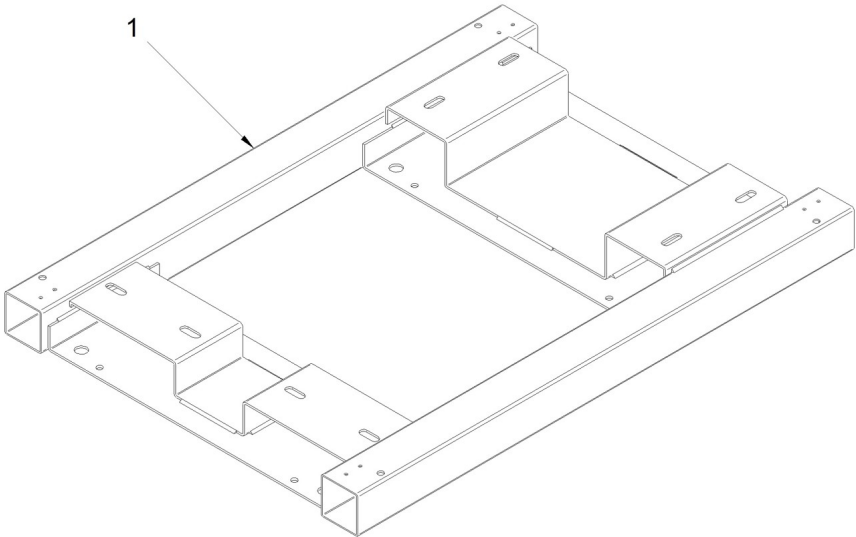
D 60572062 Alternator Kit Without Canopy

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
0	51058054	4	Aluminium Rivet 4.0 X 10			
1	17210029	1	Air Elbow Flange			
2	17221034	1	Gasket, Inlet Pipe			
4	51123005	4	Nut DIN 985 M5 5.6			
5	51918054	4	Bolt DIN 7981C 3,5-9,5			
6	52102110	2	Bolt DIN 933 M5-30 8.8 CINCADO			
7	52102256	2	Bolt DIN 933 M8-16 8.8			
8	52103257	8	Bolt DIN 912 M8-20 8.8			
9	52120005	2	Nut DIN 934 M5 8.8			
10	53033008	14	Washer GROWER DIN 127-8			
11	53033010	8	Washer GROWER DIN 127-10			
12	60539017	8	ALT. SINCRO FASTENING Bolt			
13	60573041.71	1	REGULATOR Bracket Box			
14	60573041.72	1	VOLT REGULATOR Bracket Box			
15	60900306	1	Connector Press CAPTOR-2000 M25 RAL7001			
16	60900309	1	Screw Connector Press Captor-2000 M25			
17	60900310	1	Connector Press CAPTOR-2000 M32 RAL7001			
18	60900311	1	Screw Connector Press Captor-2000 M32			
19	60900517	1	Cover,wiring			
NS	51030005	8	Washer DIN 125-5			
NS	52102104	2	Bolt DIN 933 M5-10 8.8			
NS	53104257	4	Bolt DIN 7984 M8-20 12.9			
NS	60900510	1	Emergency Stop PUSH BOTTOM			
NS	60900511	1	Stop PUSH BOTTOM Body			
NS	60972072A	1	N BLUE Breaker TO ALT. SYStem			
NS	60972072G	1	W GRAY Breaker TO ALT. SYStem			
NS	60972072M	1	V BROWN Breaker TO ALT. SYStem			
NS	60972072N	1	U BLACK Breaker TO ALT. SYStem			
NS	60972085	1	FOUR PoleS 16A DISConnector			



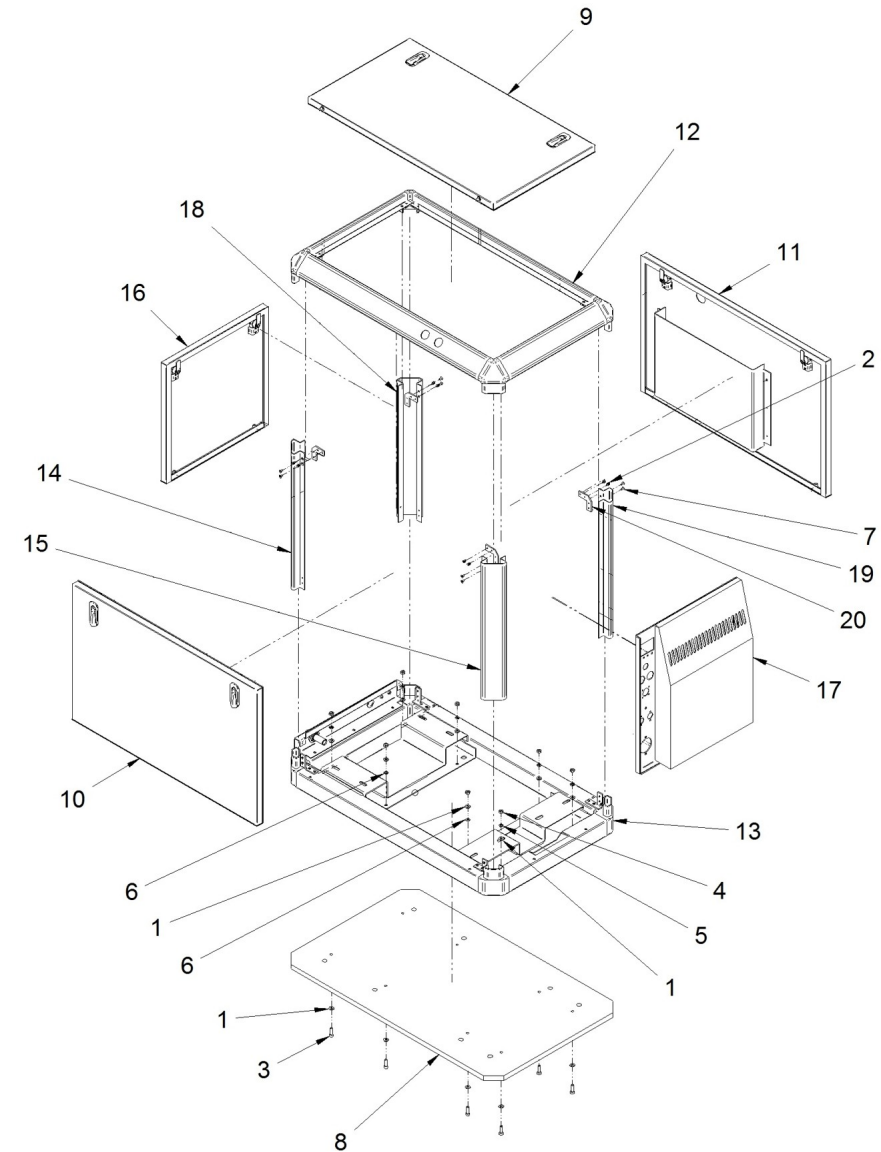
D 60572041.01 Genset Chassis

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	60572041.01	1	Genset CHASSIS			



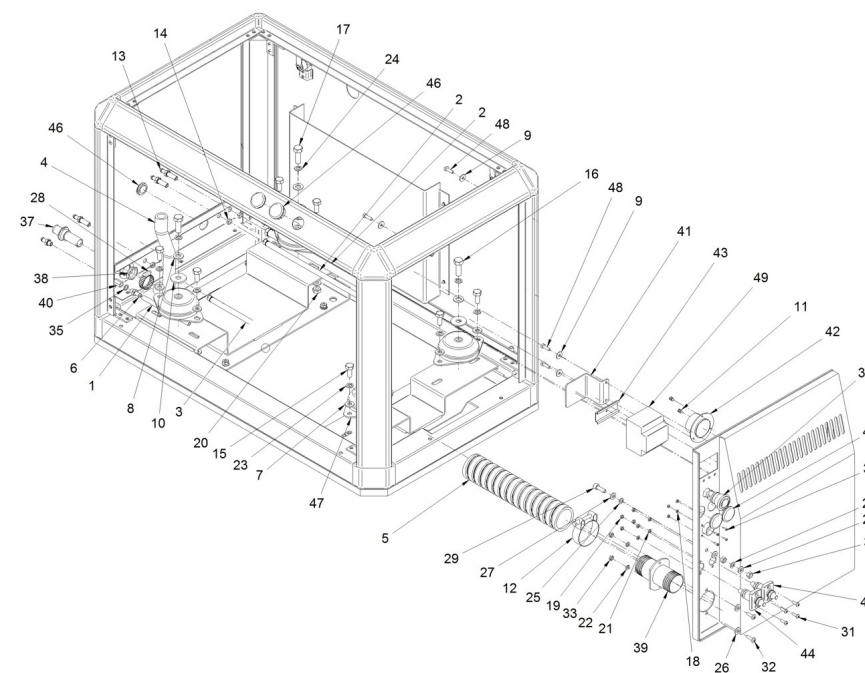
D AWGC 4 1 Cabin

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	51030008	16	Washer DIN 125-8			
2	51058054	24	Aluminium Rivet 4.0 X 10			
3	52103258	8	Bolt DIN 912 M8-25 8.8			
4	52120008	8	Nut DIN 934 M8 8.8			
5	53033008	6	Washer GROWER DIN 127-8			
6	53038008	2	Washer DIN 6798-A 8			
7	53105104	8	Bolt DIN 7991 M5-10 12.9			
7	53105105	8	Bolt DIN 965 M5-10 7n			
8	60572041.10	1	BASEBOARD			
9	60572041.20	1	Upper Panel			
10	60572041.21	1	Side Panel			
11	60572041.22	1	Air Output Panel			
12	60572041.30	1	Upper FRAME			
13	60572041.61	1	BOTTOM FRAME			
14	60573041.03	1	VERTICAL BAR			
15	60573041.04	1	VERTICAL BAR			
16	60573041.24	1	Front Panel			
17	60573041.25A	1	Back Panel			
18	60573041.31	1	VERTICAL BAR			
19	60573041.32	1	Vertical Bar			
20	60573041.43	4	L Fastening Bracket			



D MI33GTDN 09 2 Alternator Kit With Canopy

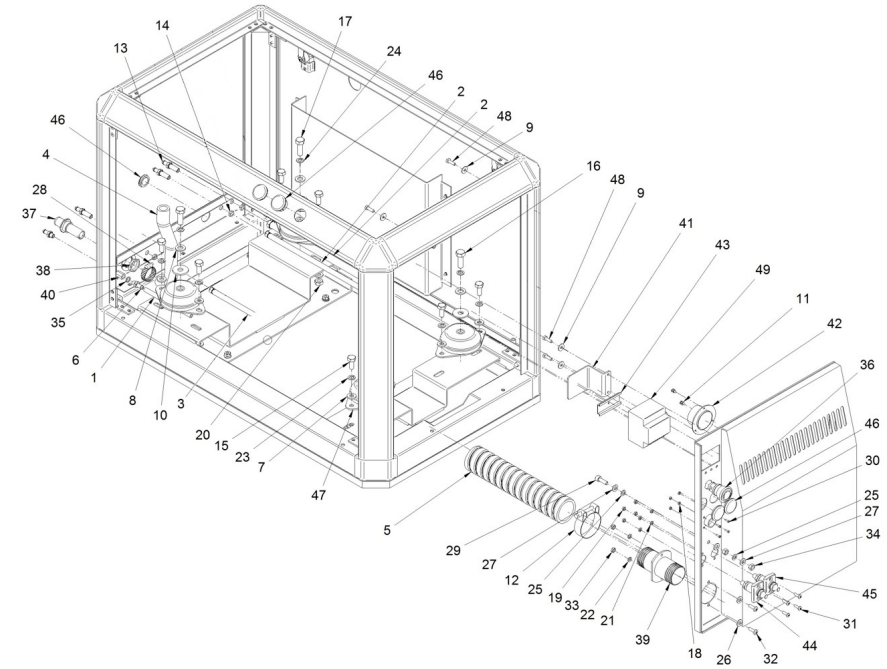
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	M80501006	1	Hose D.10-6			
2	19414011	2	Fuel Hose			
3	17214011	1	Fuel Hose DNV			
4	M88501928	0.0	Water Intake Hose DNV D. 19-28			
5	M88505055	1.0	Exhaust Hose D. 55		01/02/2025	
5	M88505062	1.0	Exhaust Hose D. 51			31/01/2025
6	13814072	2	Straight Hose Connector 1/8" NPTF			
7	51030010	16	Washer DIN 125-10			
8	51030012	5	Washer DIN 125-12			
9	51031006	4	Washer DIN 9021 6			
10	51031012	4	Washer DIN 9021 12			
11	51058054	3	Aluminium Rivet 4.0 X 10			
12	51083060	2	GP Clamp 59-63 W2			31/01/2025
12	54083063	2	GP Clamp 63-68 W4 STC		01/02/2025	
13	19414030	3	STRAIGHT COUPLING 3/8			
14	19414031	3	BOLT 3/8			
15	52102307	8	Bolt DIN 933 M10-20 8.8			
16	52102360	2	Bolt DIN 933 M12-35 8.8			
17	52102361	2	Bolt DIN 933 M12-40 8.8			
18	52120003	4	Nut DIN 934 M3 8.8			
19	52120005	4	Nut DIN 934 M5 8.8			
20	52120010	8	Nut DIN 934 M10 8.8			
21	53033005	4	Washer GROWER DIN 127-5			
22	53033006	2	Washer GROWER DIN 127-6			
23	53033010	8	Washer GROWER DIN 127-10			
24	53033012	4	Washer Grower DIN 127-12			
25	53038008	3	Washer DIN 6798-A 8			
26	54030006	2	Washer DIN 125-6 INOX.			
27	54030008	3	Washer DIN 125-8 INOX.			
28	54082025	2	Clamp DIN 3017 25-40/12 W4			
29	54103258	1	Bolt DIN 912 M8-25 INOX.			



Genset 10 GS/GSC & 12 GSA/GSAC TAC

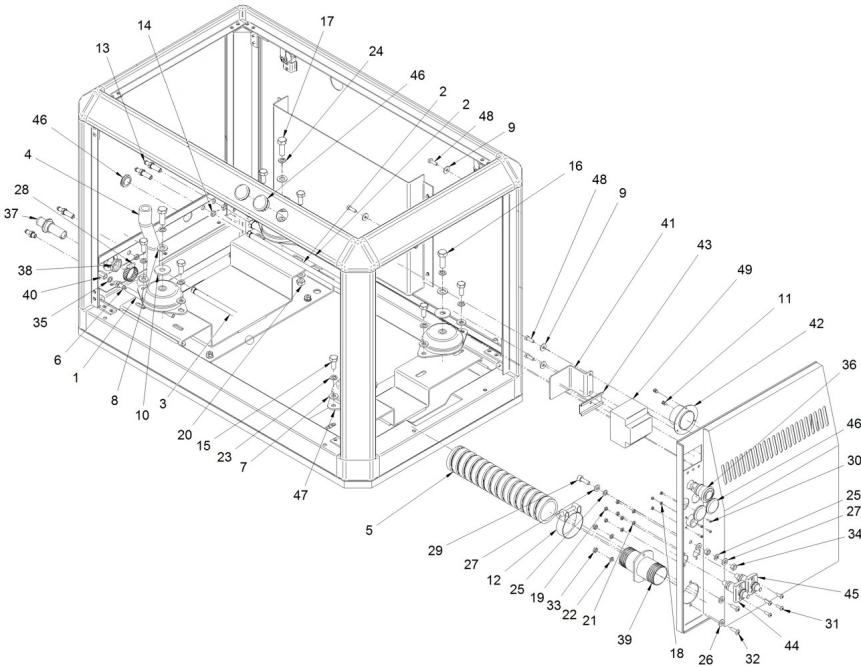
Canopy Spare Parts

D MI33GTDN 09 2		Alternator Kit With Canopy				
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
30	54118004	4	Bolt DIN 7985 M3-10 INOX			
31	54118106	4	Bolt DIN 7985 M5-16 INOX			
32	54118157	2	Bolt DIN 7985 M6-20 INOX			
33	54120006	2	Nut DIN 934 M6 INOX			
34	54120008	2	Nut DIN 934 M8			
35	57000361	3	Washer 10-14-1,5			
36	60900510	1	Emergency Stop PUSH BOTTOM			
37	60572014	1	Water Wall Bushing D.20			
38	60572014.1	1	3/4" GAS Nut			
39	60573014	1	Exhaust Wall PASS D.50			31/01/2025
39	60573018	1	Exhaust Wall PASS D.54/48		01/02/2025	
40	60573041.39	2	ROD Coupling 1/8 BSP			
41	60573041.42	1	L FASTENING Bracket With OMEGA			
42	60573041.46	1	Air Connection D.50			
43	60573041.64	1	Switch Disconnecter Omega Bracket			
44	60573047	1	Battery Plug IN			
45	60573048	1	Battery Plug IN			
46	60900508	5	Shutter 31			
47	61673001	4	Engine Mount Type F 35 SHA M12 H 34			
48	52102157	4	Bolt DIN 933 M6-20 8.8			
49	60972085	1	FOUR PoleS 16A DISConnector			
NS	52102254	1	Bolt DIN 933 M8-10 8.8			
NS	52202357	1	Bolt DIN 933 M12-1,25-20 8.8			
NS	53038012	1	Washer DIN 6798-A 12			
NS	54081016	4	Clamp DIN 3017 16-27/9 W4			
NS	54082032	4	Clamp DIN 3017 32-50/12 W4			
NS	58018160	4	Screw			
NS	60573041.25G	1	Connector Adapter Parallel			
NS	60972073	1	0,25 M. CHASSIS TO MOTOR Wiring GROUND			
NS	60972074	1	0,44 M. Back Panel To Alt. Wiring Ground			
NS	60972090	2	TER. PROTECTIVE 20 RED			



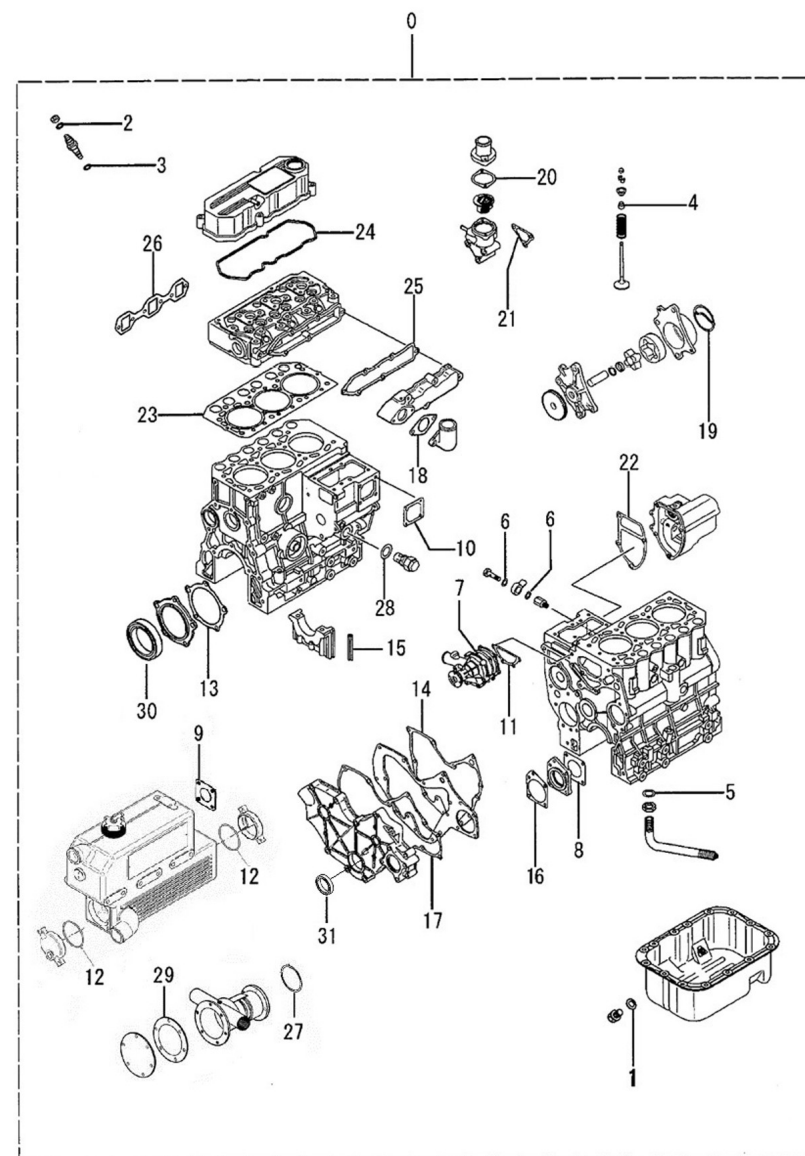
D MI33GTDN 09 2 Alternator Kit With Canopy

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
NS	60972091	3	TER. PROTECTIVE 20 BLACK			
NS	60973048	1	BLACK Battery NEGATIVE Wiring			
NS	60973049	1	RED Battery POSITIVE Wiring			
NS	60975074	1	Panel Back 0,66 M. Wiring GROUND ALT.			
NS	M88564500	1	Air Aspiration Hose D. 45			
NS	M88565000	1.0	Air Aspiration Hose D. 50			



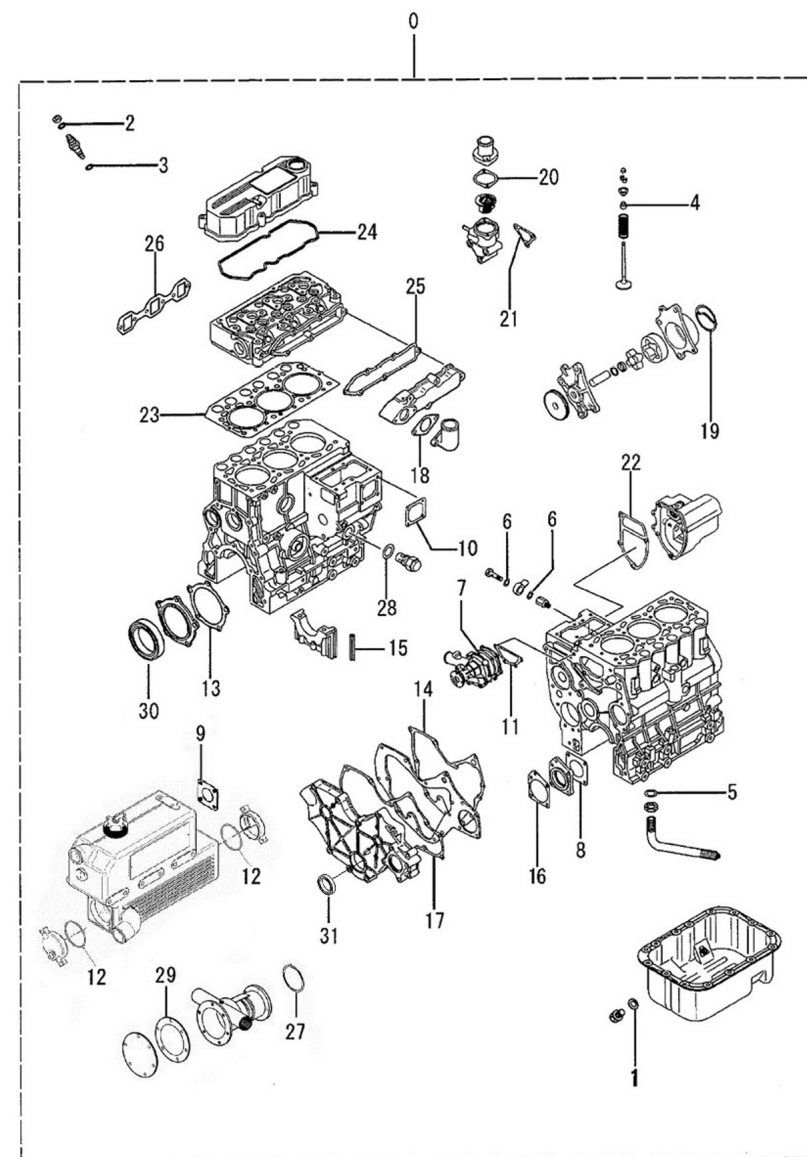
D 17220101G Gasket Kit

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
0	17220101G	1	Gasket Kit MINI-33 Genset			
1	17420031	2	Gasket,Oil DRAIN			
2	17424025G.1	3	Gasket Fuel Return (Genset)			
3	13824013	3	Injector Washer			
4	13222054	6	Seal Valve Stem			
5	17024001	1	Gasket			
6	17322021	4	Gasket			
7	13221041	1	Gasket Water Pump			
8	13120047	1	Gasket Water Pump			
9	15113043	1	Exhaust Elbow Gasket			
10	13223014	1	Gasket Cover			
11	13221022	1	Gasket Water Pump			
12	13811007	2	O-Ring D. 57X2,5			
13	17220016	1	Gasket, Oil Seal Case			
14	17220018	1	Gasket, Front Plate			
15	17220002	4	Seal, Side			
16	17220038	1	Gasket, Housing			
17	17220040	1	Gasket, Gear Case			
18	17221034	1	Gasket, Inlet Pipe			
19	17224041	1	Packing, Body			
20	17221031	1	Gasket,Thermostat			
21	17221033	1	Gasket, Thermostat Case			
22	17223033	1	Gasket, Governor Case			
23	17221004	1	Gasket, Cylinder Head			
24	17221010	1	Gasket, Rocker Cover			
25	17221032	1	Gasket, Inlet Cover			
26	17221035	1	Gasket, Exhaust Manifold			
27	17011007	1	O-Ring D. 57X3			
29A	31211003	1	Gasket Cover			
29B	37611003	1	O-Ring D. 57x1,5			01/06/2022
29B	37611005	1	O-Ring D. 57X1,78		02/06/2022	



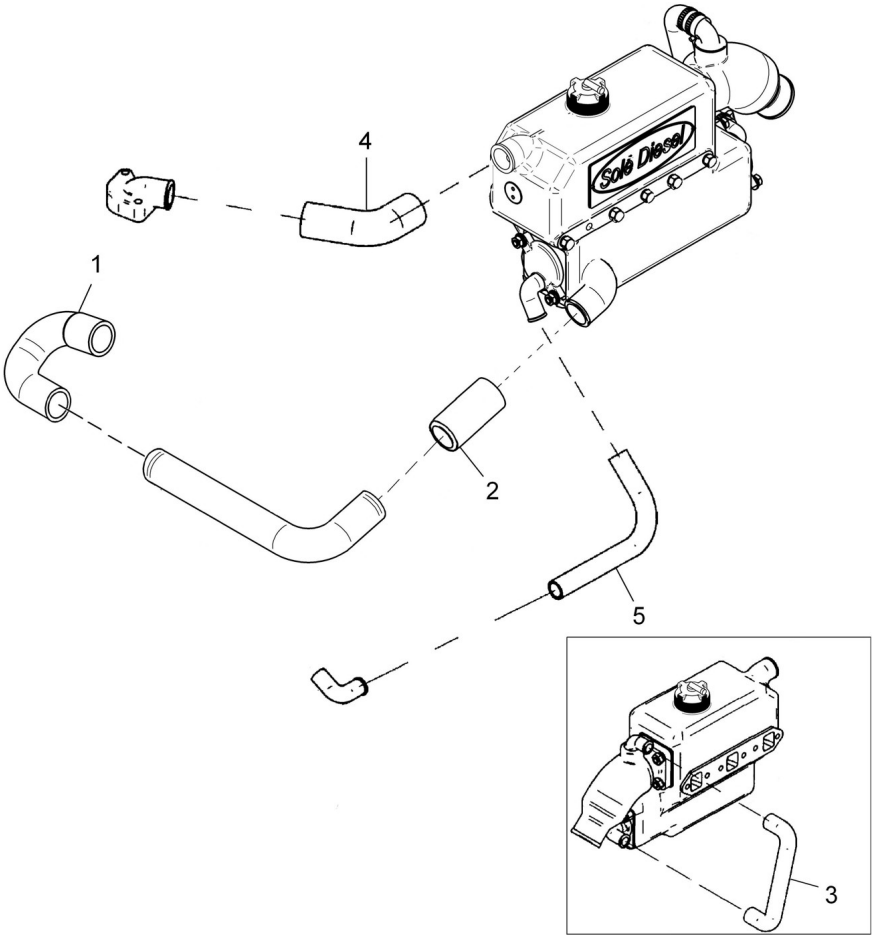
D 17220101G**Gasket Kit**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
30	17220063	1	Seal, Oil			
31	13220039	1	Seal Oil			
NS	13224059	1	O-Ring D. 19X2,4	✗		
NS	13821038	1	O-Ring D. 9X2	✗		
NS	17120074	1	Gasket	✗		
NS	17124055	1	O-Ring D. 65X3	✗		
NS	17720042	1	Gasket,REAR Plate	✗		
NS	17724084	1	PROTECTOR,Oil Inlet	✗		
NS	17727003	1	Gasket,STARTER	✗		



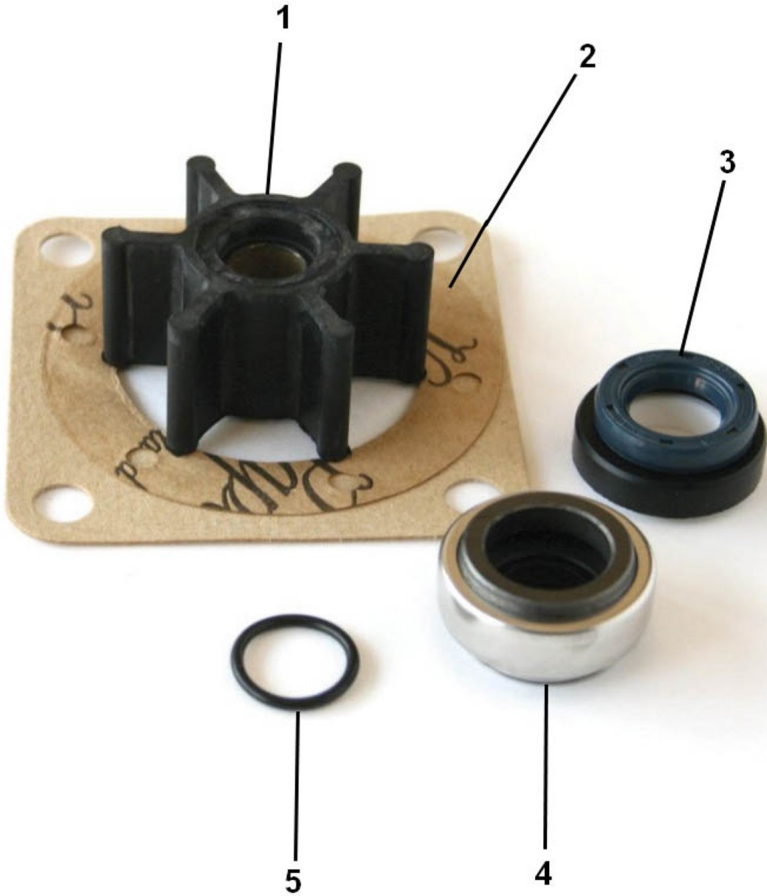
17211101 Pipe Rubber Set, Water Line TAC

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	19411034	1	Pipe, Rubber			
2	15211053	1	Pipe 38-50-100			
3	17211034	1	Rubber WET Exhaust Inlet BEND			
4	17211021	1	Elbow			
5	17011012	1	Elbow			



33811000K Repair Kit Water Pump 1/2"

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	31211008	1	1/2" Impeller			
2	31211003	1	Gasket Cover			
3	33411020	1	Seal			
4	33411019	1	Seal			
5	33311013	1	O-Ring D. 15X2			
NS	17011007	1	O-Ring D. 57X3			



37611000K Repair Kit Water Pump 1/2"

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	31211008	1	1/2" Impeller			
2	37611003	1	O-Ring D. 57x1,5			01/06/2022
2	37611005	1	O-Ring D. 57X1,78		02/06/2022	
3	33411020	1	Seal			
4	33411019	1	Seal			
5	33311013	1	O-Ring D. 15X2			
NS	17011007	1	O-Ring D. 57X3			



D_UTILFA1228 1 Special Tools

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	UMM74007	1	Piston Ring Pliers			
2	U31A9100100	1	Piston pin setting tool			
3	UST332270	1	Compression Gauge Adapter			
4	UST332340	1	Camshaft Bushing Installer			

