



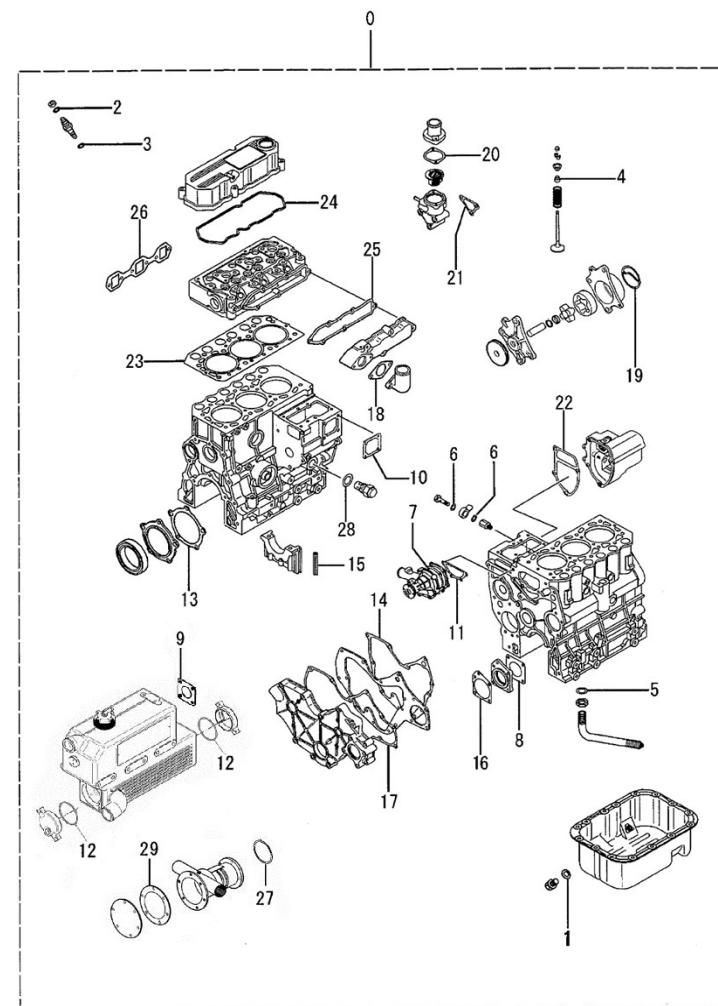
Genset 10 GS/GSC 12V 230V

VERSION 2019-3

SPARE PARTS MANUAL



D_17220101G Gasket Kit					
FIG.	REF.	QTY	DESCR.	FROM	UPTO
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		
0	17220101G	1	Gasket Kit		
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		
NS	13224059	1	O-Ring D. 19X2,4 [NS]		
NS	13821038	1	O-Ring D. 9X2 [NS]		
NS	17120074	1	Gasket [NS]		
NS	17124055	1	O-Ring D. 65X3 [NS]		
NS	17720042	1	Gasket,REAR Plate [NS]		

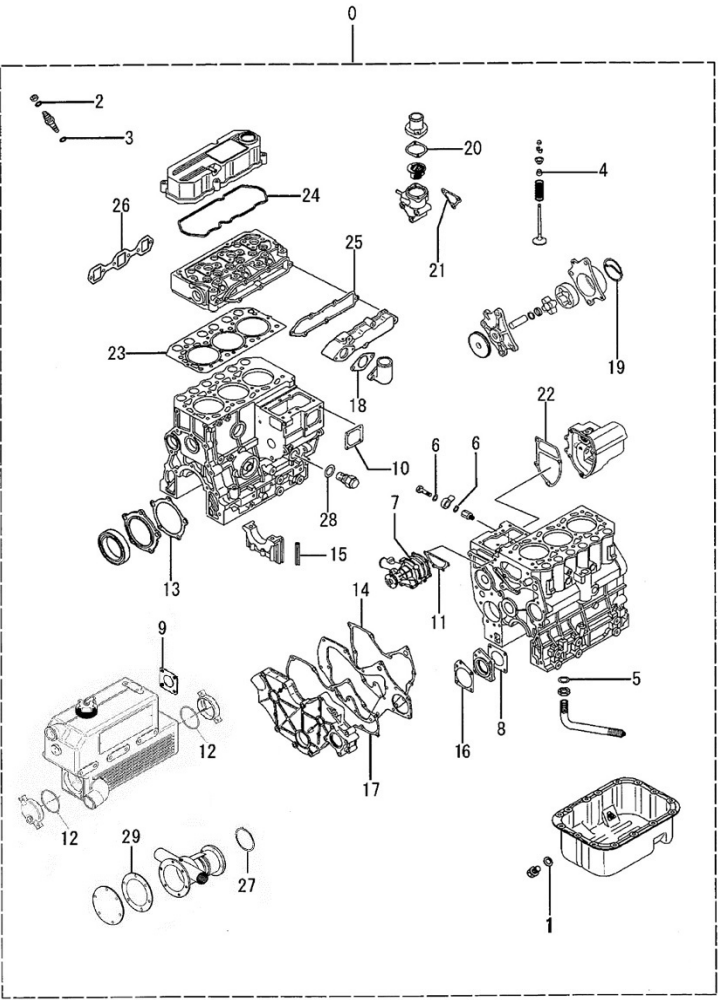


[NS] Not shown



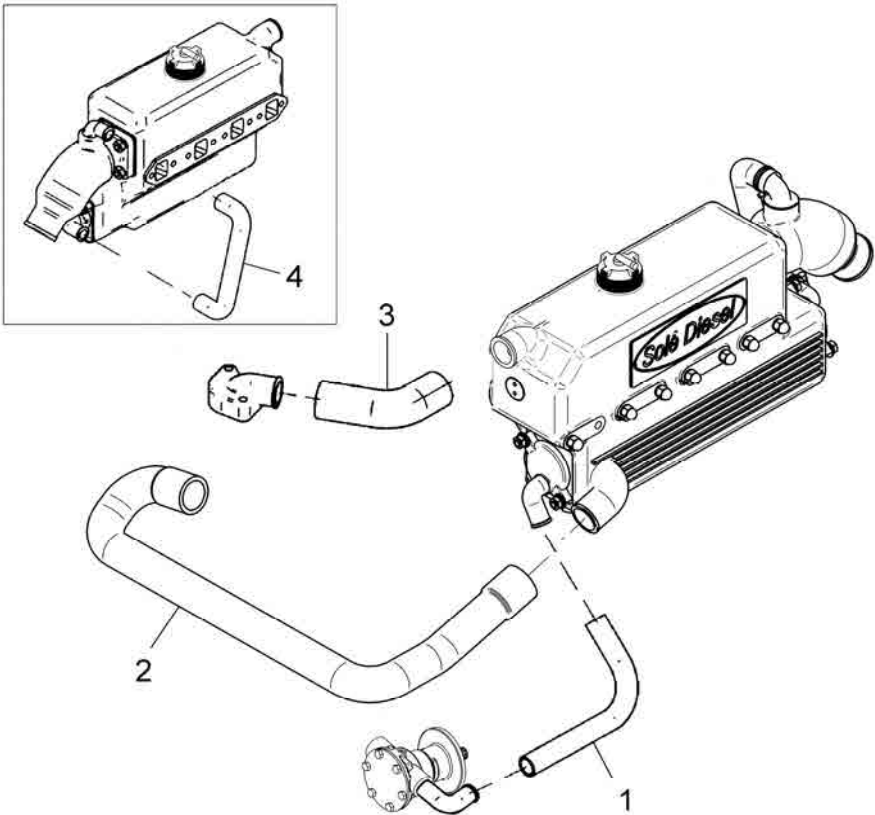


D_17220101G Gasket Kit					
FIG.	REF.	QTY	DESCR.	FROM	UPTO
NS	17724084	1	PROTECTOR,Oil Inlet [NS]		
NS	17727003	1	Gasket,STARTER [NS]		



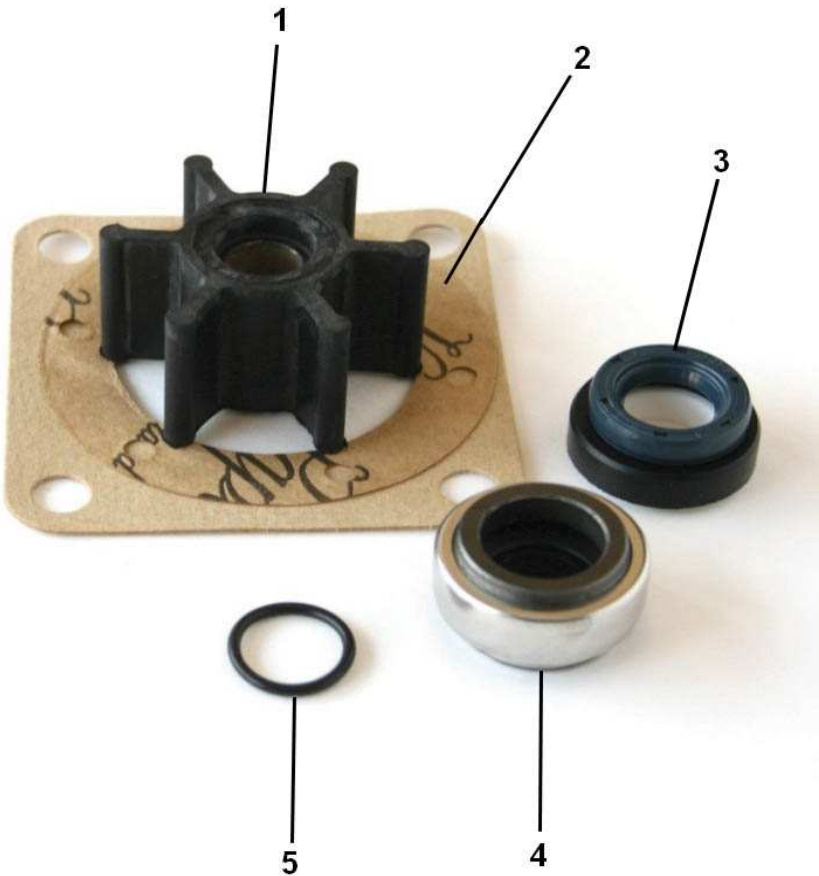


17211100.4 Pipe Rubber Set, Water Line					
FIG.	REF.	QTY	DESCR.	FROM	UPTO
1	17011012	1	Elbow		
2	17211006	1	Hose		
3	17211021	1	Elbow		
4	17211034	1	Rubber WET Exhaust Inlet BEND		





33811000K		Repair Kit Water Pump 1/2"			
FIG.	REF.	QTY	DESCR.	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 [NS]		



[NS] Not shown





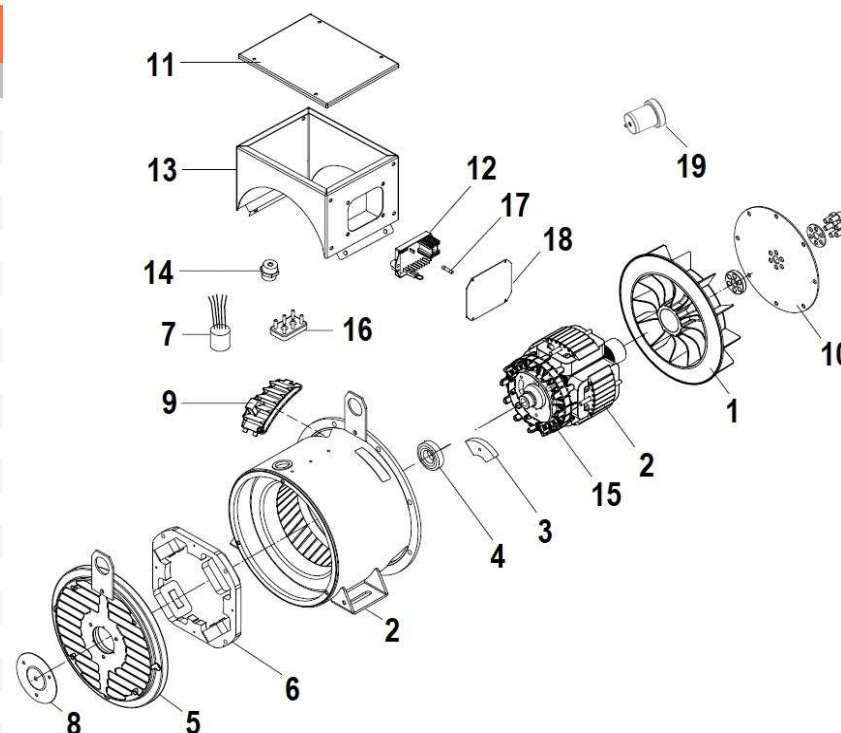
37611000K		Repair Kit Water Pump 1/2"			
FIG.	REF.	QTY	DESCR.	FROM	UPTO
1	31211008	1	1/2" Impeller		
2	37611003	1	O-Ring D. 57x1,5		
3	33411020	1	Seal		
4	33411019	1	Seal		
5	33311013	1	O-Ring D. 15X2		
NS	17011007	1	O-Ring D. 57X3 [NS]		



[NS] Not shown



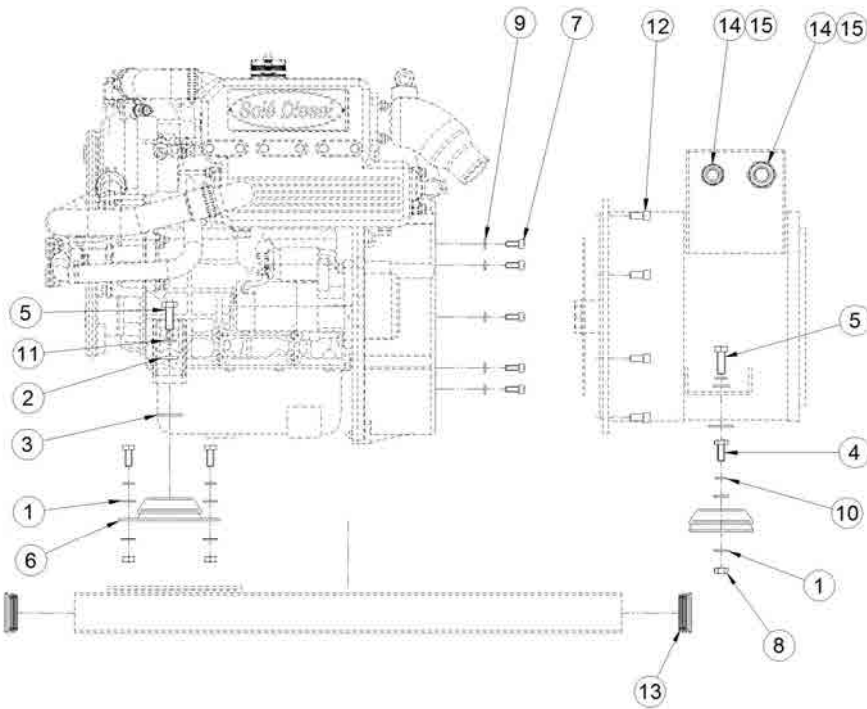
D_60511112S		AL.SINCRO I 12KVA 1500RPM 230V			
FIG.	REF.	QTY	DESCR.	FROM	UPTO
1	60511317S.1	1	Fan SK160M- 4P		
2	(*)	1	Not available [NP]		
3	60574340.10	1	Diode Bridge SK160-S/C/L/M		
4	60511325S.1	1	Bearing 6206 2RS/C3		
5	60511107S.13	1	Rear Shield		
6	60511325S.2	1	Exciter stator SK160C-, M-, L-		
7	60511317S.2	1	EMC filter SK160SM-		
8	60511325S.3	1	Rear shield cover		
9	60511336S.03	1	IP23 Grid		
0	60511112SRC	1	Alt.SINCRO I 12KVA 1500RPM 230V (RC)		
0	60511112SRS	1	Alt.SINCRO I 12KVA 1500RPM 230V (RS)		
10	60511325S.4	1	Kit disks 7,5"		
11	60511317S.3	1	Top cover SK160M-		
12	60511107S.35.1	1	Electronic Board AVR BL4 U		
13A	60511317S.4	1	Terminal box SK160M-		
13B	60511317S.5	1	Terminal box SK160M-		
14A	60511325S.5	1	M6 insulator clamp		
14B	60511336S.02	1	M8 Insulator Clamp		
15	60511325S.6	1	Exc. rotor SK160C-, M-, L- 4P		
16A	60511325S.7	1	M6 terminal board		
16B	60511336S.04	1	M8 Terminal Board		
17	60511336S.05	1	Fuse 5x20 3,15A F		
18	60511336S.06	1	Cover on Regulator Side		
19	UMSINCRO1	1	SINCRO SK160 Special Tool		



[NP] Not provided



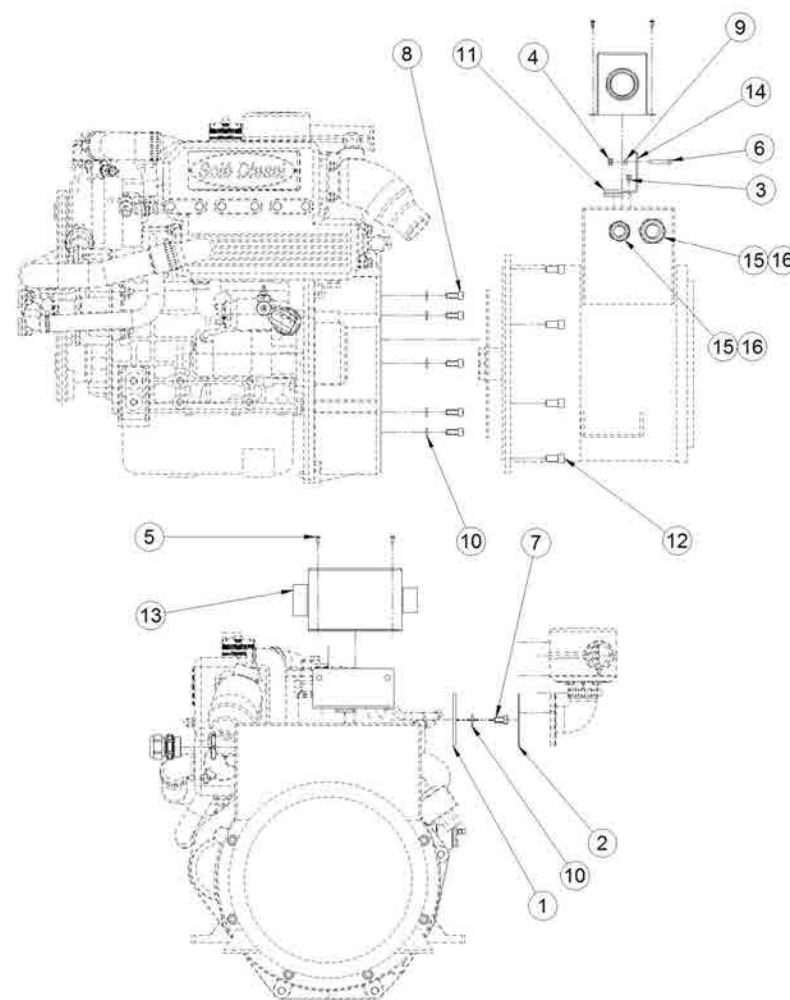
60572102 1 Phase SINCRO ALT.Genset Kit (S)					
FIG.	REF.	QTY	DESCR.	FROM	UPTO
1	51030010	16	Washer DIN 125-10		
2	51030012	4	Washer DIN 125-12		
3	51031012	4	Washer DIN 9021 12		
4	52102307	8	Bolt DIN 933 M10-20 8.8		
5	52102360	4	Bolt DIN 933 M12-35 8.8		
6	61673001	4	Engine Mount Type F 35 SHA M12 H 34		
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	2	Connector Press CAPTOR-2000 M25 RAL7001		
15	60900309	2	Screw Connector Press Captor-2000 M25		
NS	TR.1.5.8	4	Ring Terminal 1.5 Sec. [NS]		
NS	51030008	4	Washer DIN 125-8 [NS]		
NS	53104257	4	Bolt DIN 7984 M8-20 12.9 [NS]		
NS	58088282	4	Pastic Cable Zip Tie [NS]		
NS	60900158	1	Terminal Tubular Sleeve (1.5) [NS]		



[NS] Not shown



60572061 1 Phase SINCRO ALT.Genset Kit (C)					
FIG.	REF.	QTY	DESCR.	FROM	UPTO
	51030005	8	Washer DIN 125-5	23/07/2018	
	52102104	2	Bolt DIN 933 M5-10 8.8	23/07/2018	
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 M8-15 8.8		
8	52103257	8	Bolt DIN 912 M8-20 8.8		
9	52120005	2	Nut DIN 934 M5 8.8		
10	53033008	10	Washer GROWER DIN 127-8		
11	60900517	1	Cover,wiring		
12	60539017	8	ALT. SINCRO FASTENING Bolt		
13	60573041.71	1	REGULATOR Bracket Box		
14	60573041.72	1	VOLT REGULATOR Bracket Box [NP]		
15	60900306	2	Connector Press CAPTOR-2000 M25 RAL7001		
16	60900309	2	Screw Connector Press Captor-2000 M25		
NS	TR.1.5.6	2	Ring Terminal 1.5 Sec. [NS]	26/01/2017	
NS	53104257	4	Bolt DIN 7984 M8-20 12.9 [NS]		
NS	58088284	1	Pastic Cable Zip Tie [NS]		
NS	60900510	1	Emergency Stop PUSH BOTTOM [NS]		
NS	60900511	1	Stop PUSH BOTTOM Body [NS]		
NS	60972086	1	TWO PoleS 40A DISConnector [NS]		
NS	60974072M	1	V Breaker BROWN TO SYStem ALT. [NS]		
NS	60974072N	1	U Breaker BLACK TO SYStem ALT. [NS]		



[NP] Not provided

[NS] Not shown



D_60972230S		Panel SCO 10 10 GSC ETR 12V 230V			
FIG.	REF.	QTY	DESCR.	FROM	UPTO
1	60972230S	1	Panel SCO 10 10 GSC ETR 12V 230V		
NS	51030003	4	Washer DIN 125-3 [NS]		
NS	52120003	2	Nut DIN 934 M3 8.8 [NS]		
NS	54108003	2	Bolt DIN 84 M3-8 INOX. [NS]		
NS	58088282	1	Pastic Cable Zip Tie [NS]		
NS	60900091	4	MICRO Relay 12V 12-20 [NS]		
NS	60972106	1	System Back Panel [NS]		
NS	60972112	1	Wiring BRIDGE MONOF. Panel COMAP [NS]		



[NS] Not shown



D_W1C1_1_1		Genset Extension			
FIG.	REF.	QTY	DESCR.	FROM	UPTO
1A	60905510	1	Genset Wiring Ext. 4 M. MINI-17/26/48		
1B	60938210I	1	Genset Wiring Ext. 3 M. CPC		
1C	60985210I	1	Genset Wiring Ext. 4 M. CPC		
1D	60938212	1	Genset Wiring Ext. 8 M. CPC		
1E	60985210.12I	1	Genset Wiring Ext. 12 M. CPC		
1F	60985210.18I	1	Genset Wiring Ext. 18 M. CPC		
1G	60985210.24I	1	Genset Wiring Ext. 24 M. CPC		
1H	60985210.30I	1	Genset Wiring Ext. 30 M. CPC		
1I	60994210P.2	1	Wir.Ext. 85/115 GT Prep. Paral.6M		
1J	60994212P.2	1	Wir.Ext. 85/115 GT Prep. Paral.12M		
1K	60994213P.2	1	Wir.Ext. 85/115 GT Prep. Paral.24M		
1L	60994210P	1	Wir.Ext. 85/115 GT Cont/Pow 6M		
1M	60994212P	1	Wir.Ext. 85/115 GT Cont/Pow 12M		
1N	60994213P	1	Wir.Ext. 85/115 GT Cont/Pow 24M		
1O	60994217	1	Genset Wiring Ext. SDZ-109/165 TA 6 M.		
1P	60994218	1	Genset Wiring Ext. SDZ-109/165 TA 12 M.		
1Q	60994219	1	Genset Wiring Ext. SDZ-109/165 TA 24 M.		
1R	60994224	1	Genset Wiring Ext. 85GT/115GT EMR2 12m		
1S	60974552	1	Wiring Ext.3 Way SUPERSEAL 4m		





60900253 Kit Box IP65 SCO 10 12V					
FIG.	REF.	QTY	DESCR.	FROM	UPTO
	60900253.1	1	Kit Box IP65 SCO 10 12V Manufacturing		



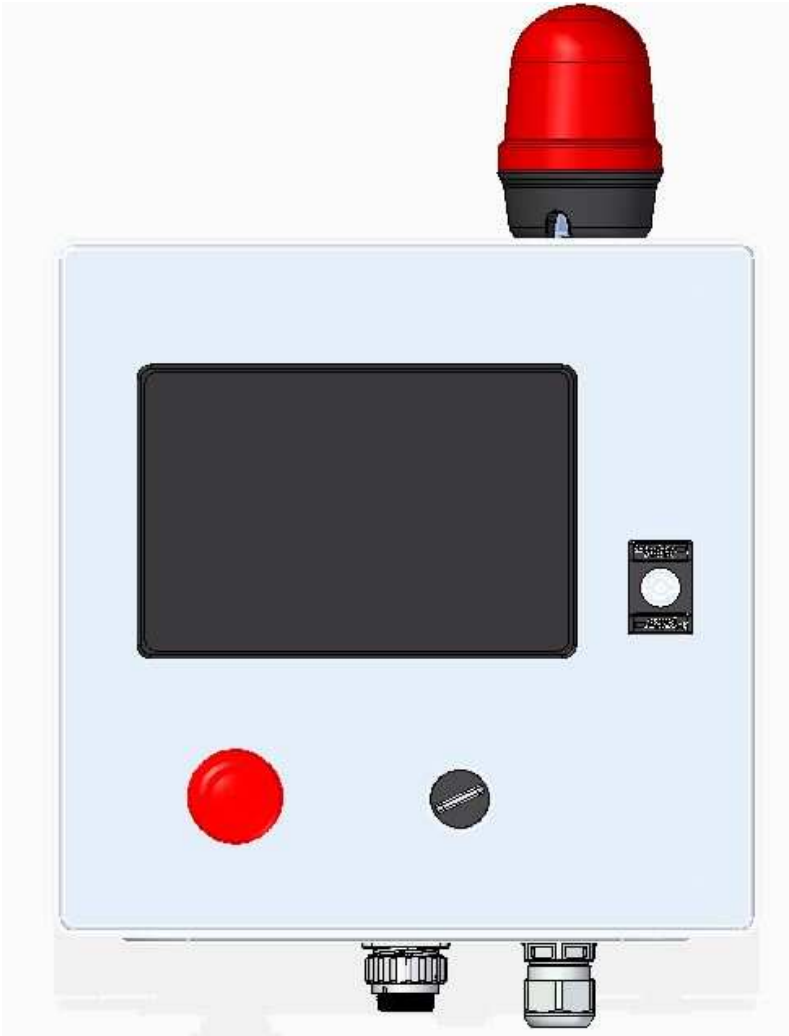


60900254 Kit Box IP65 SCO 10 24V					
FIG.	REF.	QTY	DESCR.	FROM	UPTO
	60900254.1	1	Kit Box IP65 SCO 10 24V Manufacturing		





60900255 Kit Box IP65 SCO 10 Warning Light/Horn					
FIG.	REF.	QTY	DESCR.	FROM	UPTO
	60900255.1	1	Kit Box IP65 SCO 10 Warn.Light/Horn Man.		



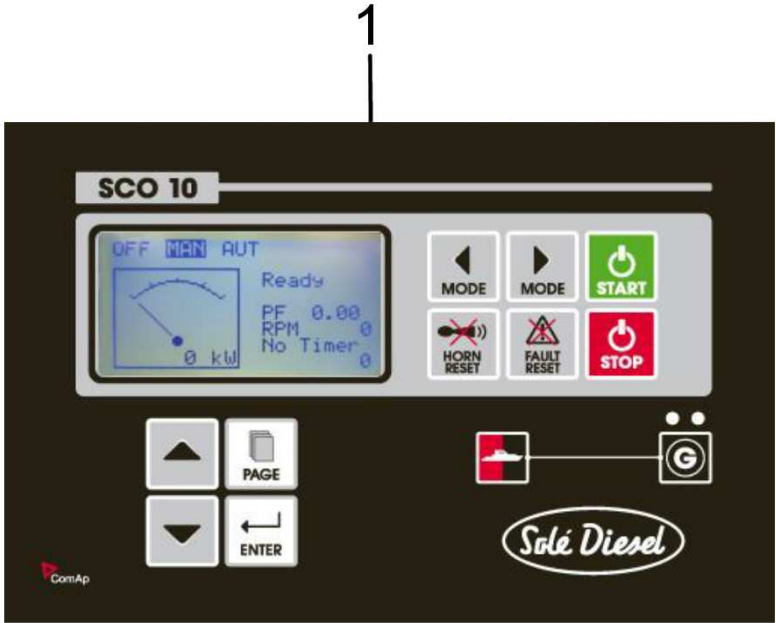


60972005 Kit Price Supplement Panel SSO 10					
FIG.	REF.	QTY	DESCR.	FROM	UPTO
1	60972050.2	1	Panel Genset SSO 10 ETR 12V CPC	24/04/2015	





60974600S Kit 2nd Panel SCO 10					
FIG.	REF.	QTY	DESCR.	FROM	UPTO
1	60972101S	1	Panel COMAP SCO 10 Double PANEL SOLE		
NS	I_60974600S	1	2nd Panel SCO 10 Kit Manual [NS]		
NS	60972102	2	RS232-485 Communication Card [NS]		

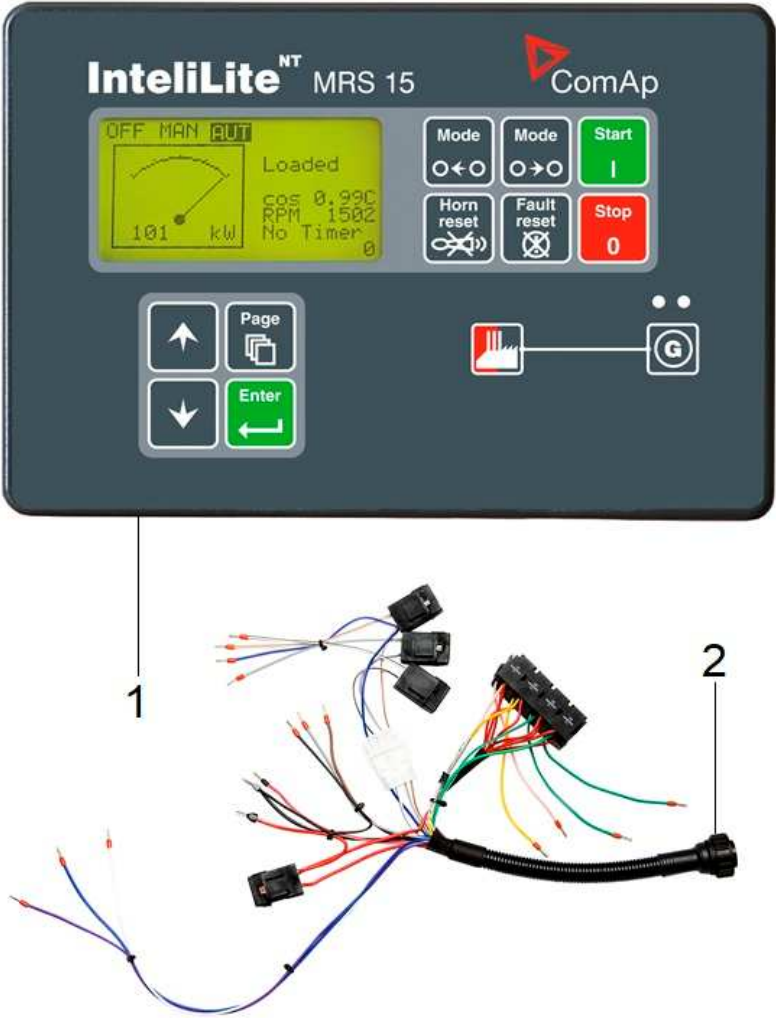


[NS] Not shown





60972100A Panel COMAP CO 10 for Aux. Engine					
FIG.	REF.	QTY	DESCR.	FROM	UPTO
1	60972100	1	Panel COMAP CO 10 STD.		
2	60972106	1	System Back Panel		
NS	51030003	4	Washer DIN 125-3 [NS]		
NS	52120003	2	Nut DIN 934 M3 8.8 [NS]		
NS	54108003	2	Bolt DIN 84 M3-8 INOX. [NS]		

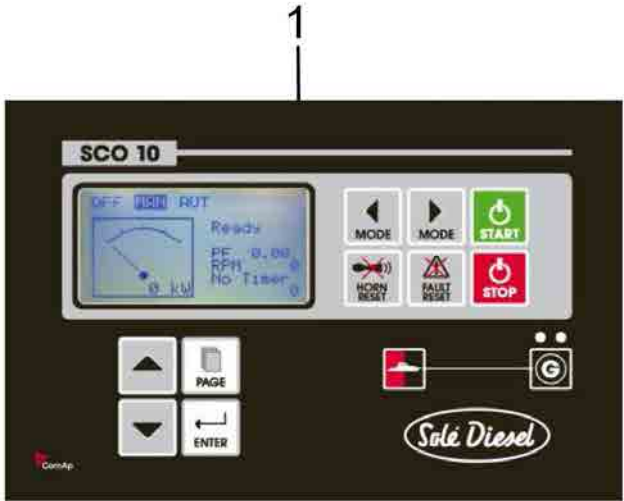


[NS] Not shown





60972100AS		Panel COMAP SCO 10 SOLE for Aux. Engine			
FIG.	REF.	QTY	DESCR.	FROM	UPTO
1	60972100S	1	Panel COMAP SCO 10 SOLE		
NS	60900091	4	MICRO Relay 12V 12-20 [NS]		
NS	60900092	4	MICRO Relay 24V 24-10 [NS]		

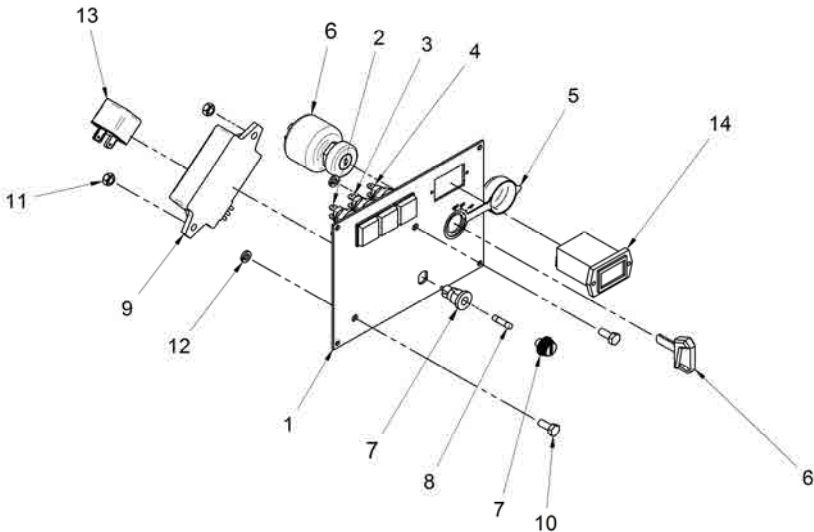


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60972050.2 Panel Genset SSO 10 ETR 12V CPC					
FIG.	REF.	QTY	DESCR.	FROM	UPTO
1	60905001.1	1	Panel,Generator Set		
2	60900050A	1	LAMP, oil press.		
3	60900052A	1	LAMP, water temp.		
4	60900051A	1	LAMP, charge		
5	60900035	1	Cover,key		
6	60900031	1	Key-Locking Switch		
7	60900121	1	FuseHolder, panel		
8	60900118	1	Fuse 10 A.		
9	60905006	1	UNIT Assy Control ETR 12V		
10	54102156	2	Bolt DIN 933 M6-16 INOX	03/05/2006	
11	54120006	2	Nut DIN 934 M6 INOX		
12	53033006	2	Washer GROWER DIN 127-6		
13	60580005	1	Relay 12V 20/30A.		
14	60900918	1	Hour Counter		
NS	60900045A	3	Bulb 12V 3W Connector JKL [NS]		
NS	60905217	1	Connector 3 PoleS [NS]		
NS	60905218	1	Connector 4 PoleS [NS]		



[NS] Not shown

