



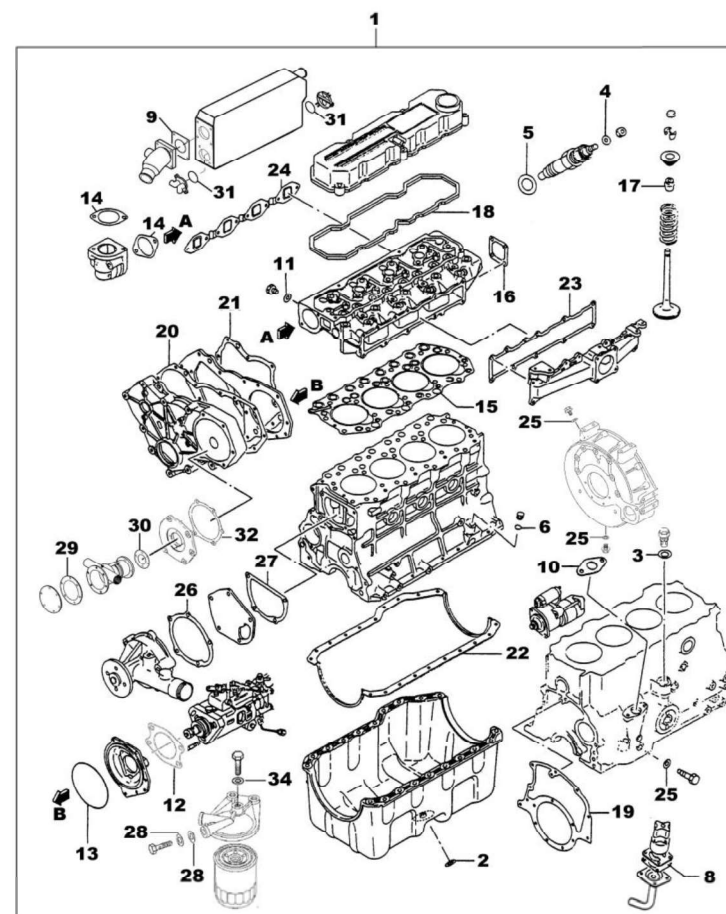
Genset 20GS/20GSC 12V/24V

VERSION 2019-2

SPARE PARTS MANUAL

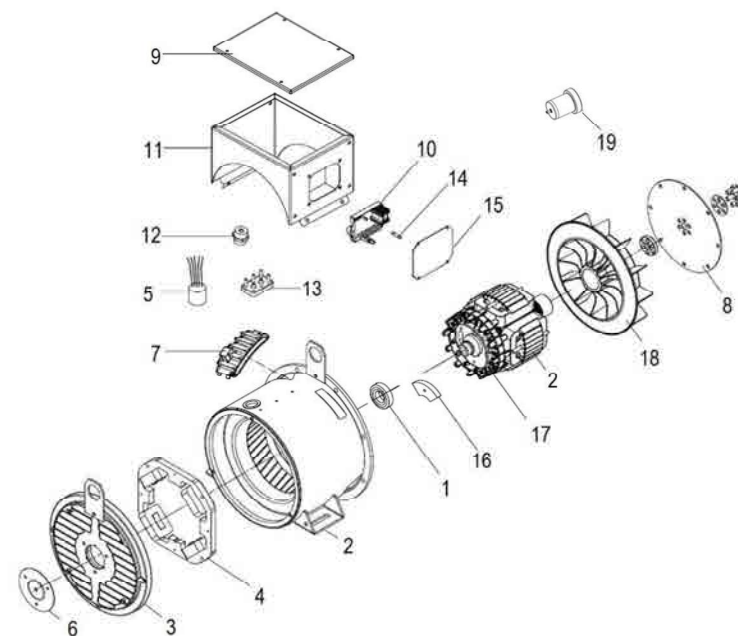


D_17120101G Gasket Kit					
FIG.	REF.	QTY	DESCR.	FROM	UPTO
1	17120101G	1	Kit Gasket		
2	17120074	1	Gasket		
3	17124063	1	Gasket		
4	17424025G.1	4	Gasket Fuel Return (Genset)		
5	13824013	4	Injector Washer		
6	17120058	1	O-Ring D. 13X2,5		
8	17124041	1	Gasket,STrainer		
9	17113016	1	Gasket		
10	17120041	1	Gasket		
11	17121013	2	Gasket		
12	17425028	1	Gasket		
13	13325001	1	O-Ring		
14	17111021	2	Gasket		
15	17121004	1	Gasket, cyl.head		
16	17121011	1	Gasket, head		
17	17122054	8	Seal,Valve Stem		
18	17121010	1	Rocker Cover Gasket		
19	17120025	1	Gasket,rear		
20	17120040	1	Gasket, timing Gear		
21	17120018	1	Gasket, front plate		
22	17120033	1	Gasket,oil pan		
23	17121032	1	Gasket, in manifold		
24	17121035	1	Gasket, Exhaust Manifold		
25	17124058	3	Gasket		
26	17121022	1	Gasket Water Pump		
27	17121041	1	Gasket		
28	17424008	4	Washer,SeallNG		
29	34711003	1	Gasket Cover		
30	13310013	1	Gasket,water pump		
31	18011008	2	O-Ring D. 72X3		
32	17120042	1	Gasket,cover		
34	13324011	1	Washer		





D_60511121S		Alt.SINCRO I 20KVA 1500RPM 230V			
FIG.	REF.	QTY	DESCR.	FROM	UPTO
1	60511325S.1	1	Bearing 6206 2RS/C3		
2	(*)	1	Not available [NP]		
3	60511107S.13	1	Rear Shield		
4	60511325S.2	1	Exciter stator SK160C-, M-, L-		
5	60574340S.12	1	EMC Filter		
6	60511325S.3	1	Rear shield cover		
7	60511336S.03	1	IP23 Grid		
8	60511325S.4	1	Kit disks 7,5"		
9	60511336S.01	1	Top Cover		
0	60511121SRC	1	Alt.SINCRO I 20KVA 1500RPM 230V (RC)		
0	60511121SRS	1	Alt.SINCRO I 20KVA 1500RPM 230V (RS)		
10	60511107S.35.1	1	Electronic Board AVR BL4 U		
11A	60511336S.13	1	Terminal Box		
11B	60511336S.14	1	Terminal Box		
12A	60511325S.5	1	M6 insulator clamp		
12B	60511336S.02	1	M8 Insulator Clamp		
13A	60511325S.7	1	M6 terminal board		
13B	60511336S.04	1	M8 Terminal Board		
14	60511336S.05	1	Fuse 5x20 3,15A F		
15	60511336S.06	1	Cover on Regulator Side		
16	60574340.10	1	Diode Bridge SK160-S/C/L/M		
17	60511325S.6	1	Exc. rotor SK160C-, M-, L- 4P		
18	60511336S.11	1	Fan SK160W- 4p		
19	UMSINCRO1	1	SINCRO SK160 Special Tool		

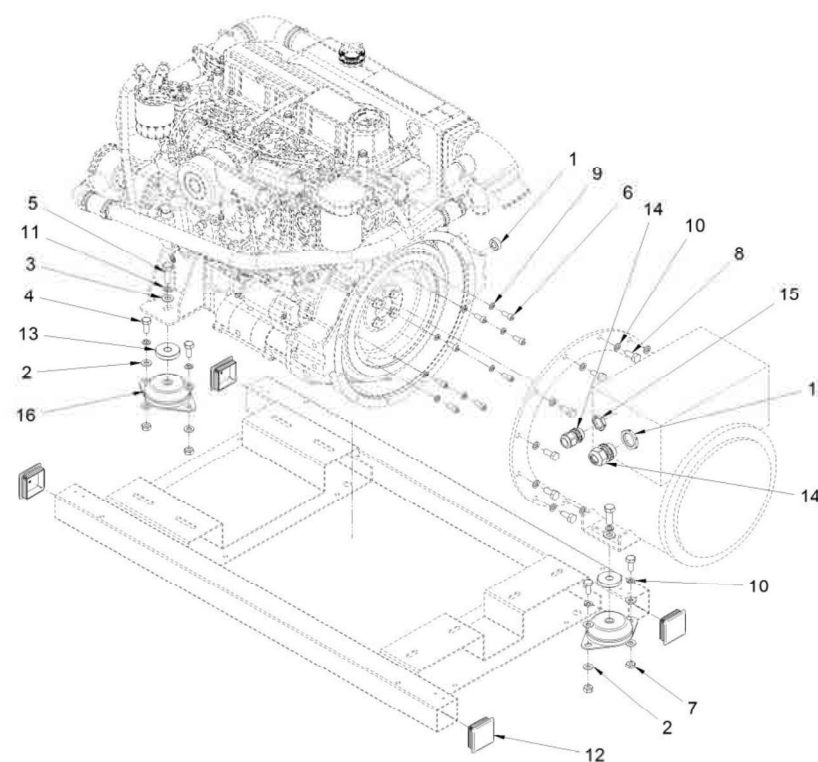


[NP] Not provided





60571065		1 Phase SINCRO Alt. Kit. (S) ETR			
FIG.	REF.	QTY	DESCR.	FROM	UPTO
1	19414022	1	Spacer 13X25X10	09/08/2017	
2	51030010	16	Washer DIN 125-10		
3	51030012	4	Washer DIN 125-12		
4	52102307	8	Bolt DIN 933 M10-20 8.8		
5	52102359	4	Bolt DIN 933 M12-30 8.8		
6	52103257	8	Bolt DIN 912 M8-20 8.8		
7	52120010	8	Nut DIN 934 M10 8.8		
8	52202307	12	Bolt DIN 933 M10-1,25-20 8.8		
9	53033008	8	Washer GROWER DIN 127-8		
10	53033010	20	Washer GROWER DIN 127-10		
11	53033012	4	Washer GROWER DIN 127-12		
12	60539019	4	LID (60 Tube)		
13	60574025	4	Washer	09/08/2017	
14	60900306	2	Connector Press CAPTOR-2000 M25 RAL7001		
15	60900309	2	Screw Connector Press Captor-2000 M25		
16	61673001	4	Engine Mount Type F 35 SHA M12 H 34		
NS	53104257	4	Bolt DIN 7984 M8-20 12.9 [NS]		

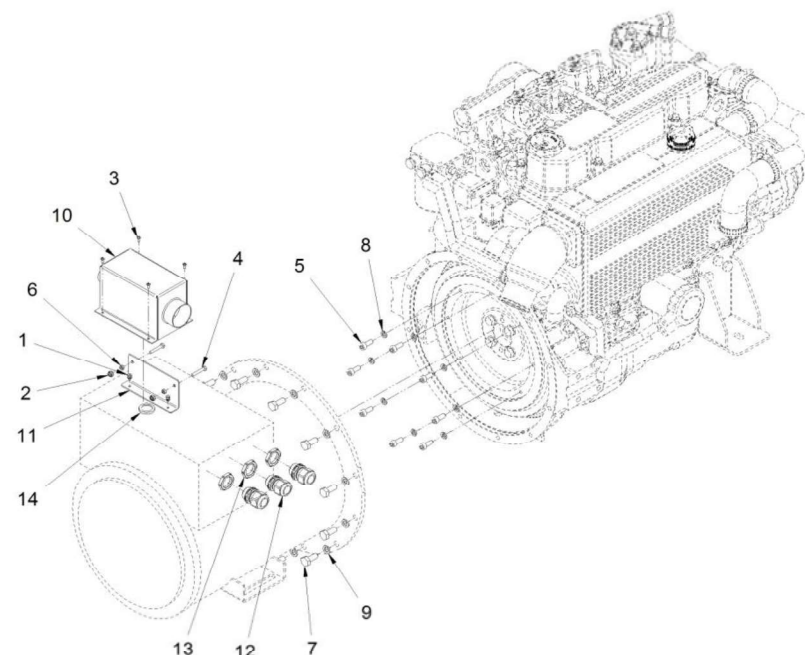


[NS] Not shown





60571066 1 Phase SINCRO Alt. Kit. (C) ETR					
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	
2	51123005	4	Nut DIN 985 M5 5.6		
3	51918054	4	Bolt DIN 7981C 3,5-9,5		
4	52102110	2	Bolt DIN 933 M5-30 8.8 CINCADO		
5	53103257	8	Bolt DIN 912 M8-20 12.9		
6	52120005	2	Nut DIN 934 M5 8.8		
7	53203307	12	Bolt DIN 912 M10x1,25-20 12.9		
8	53033008	8	Washer GROWER DIN 127-8		
9	53033010	12	Washer GROWER DIN 127-10		
10	60573041.71	1	REGULATOR Bracket Box		
11	60573041.72	1	VOLT REGULATOR Bracket Box [NP]		
12	60900306	3	Connector Press CAPTOR-2000 M25 RAL7001		
13	60900309	3	Screw Connector Press Captor-2000 M25		
14	60900517	1	Cover,wiring		
NS	53104257	4	Bolt DIN 7984 M8-20 12.9 [NS]	07/03/2018	
NS	60900510	1	Emergency Stop PUSH BOTTOM [NS]		
NS	60900511	1	Stop PUSH BOTTOM Body [NS]		
NS	60971086.18	1	TWO PoleS 100A DISConnector [NS]		
NS	60974073M	1	V Breaker BROWN SEC.35 TO SYStem ALT. [NS]	08/02/2017	
NS	60974073N	1	U Breaker BLACK SEC. 35 TO MAGNETO [NS]	08/02/2017	
NS	60994072M	1	V Breaker BROWN TO SYStem ALT. [NS]		07/02/2017
NS	60994072N	1	U Breaker BLACK TO SYStem ALT. [NS]		07/02/2017



[NP] Not provided

[NS] Not shown





D_60971231S		Panel SCO 10 20 GSC ETR 12V 230V			
FIG.	REF.	QTY	DESCR.	FROM	UPTO
1	60971231S	1	Panel SCO 10 20 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	60900091	1	MICRO Relay 12V 12-20 [NS]		
NS	60972106	0	System Back Panel [NS] [VAR]		
NS	60972112	1	Wiring BRIDGE MONOF. Panel COMAP [NS]		



[NS] Not shown
[VAR] Variable according to repair





D_60971231.2S		Panel SCO 10 20 GSC 24V			
FIG.	REF.	QTY	DESCR.	FROM	UPTO
1	60971231.2S	1	Panel SCO 10 20 GSC 24V 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	60900092	3	MICRO Relay 24V 24-10 [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	60972102	2	RS232-485 Communication Card [NS]		

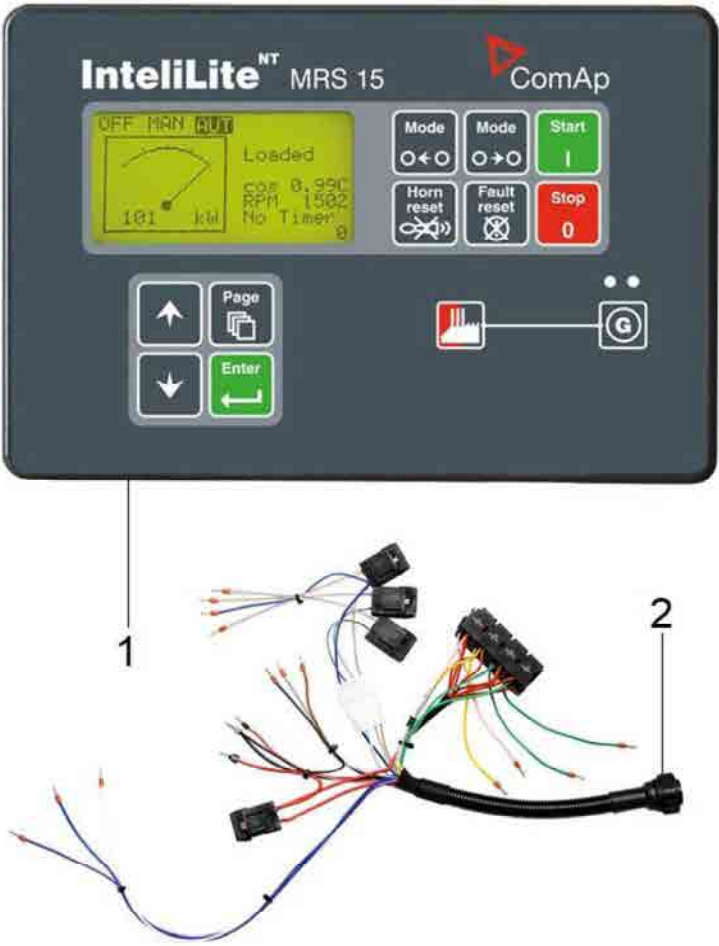


[NS] Not shown





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]		

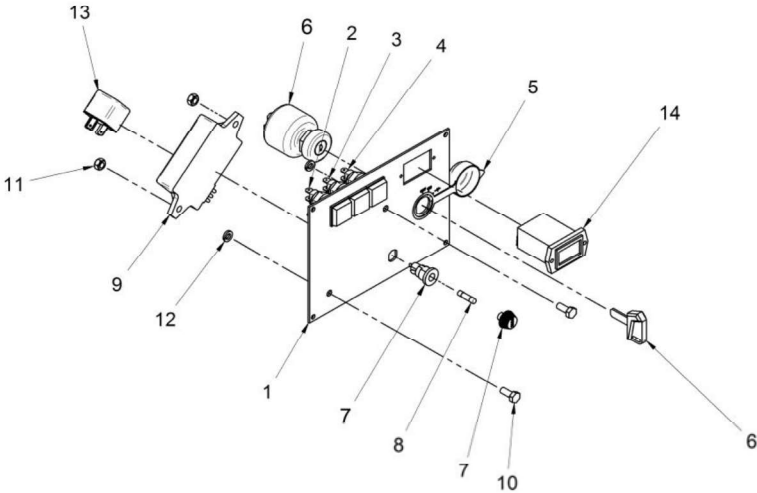


[NS] Not shown





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

