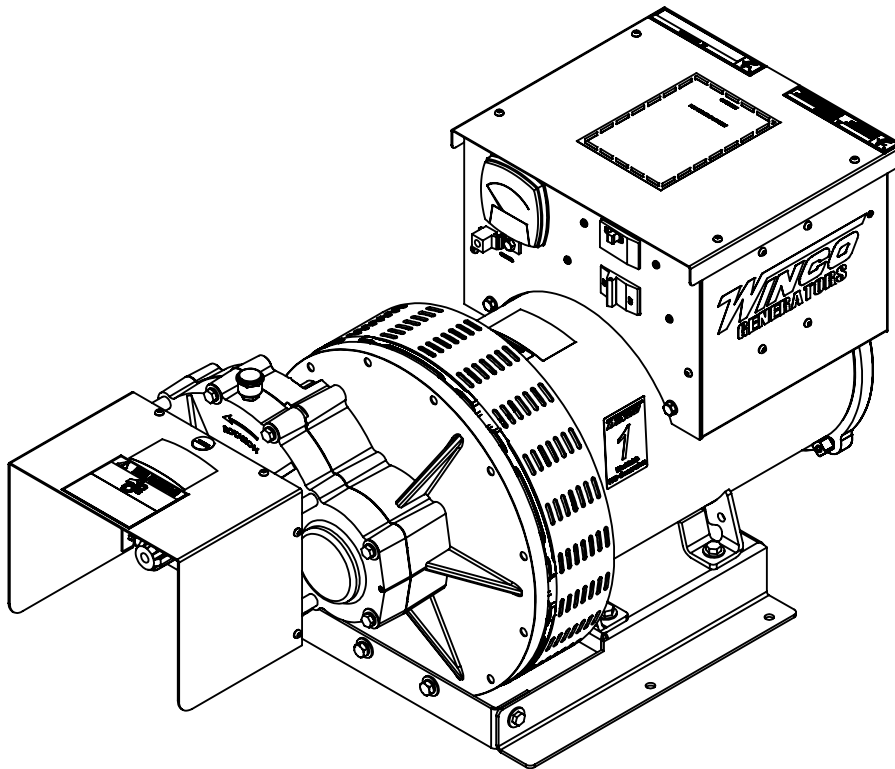




Parts List

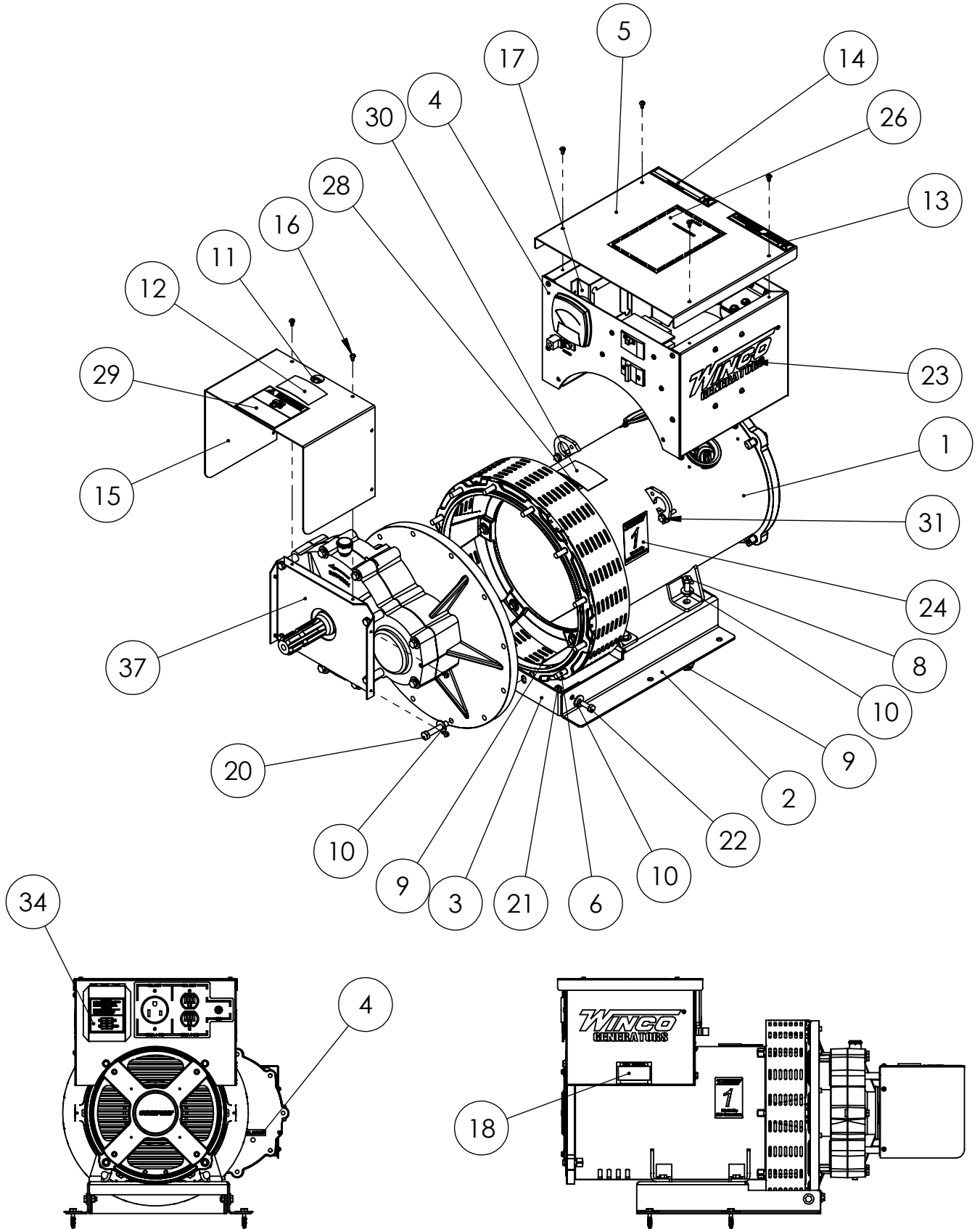
27PTOC4-03/1

27PTOT4-03/1



WINCO Service
Phone: 507-357-6831
Email: service@wincogen.com
www.wincogen.com

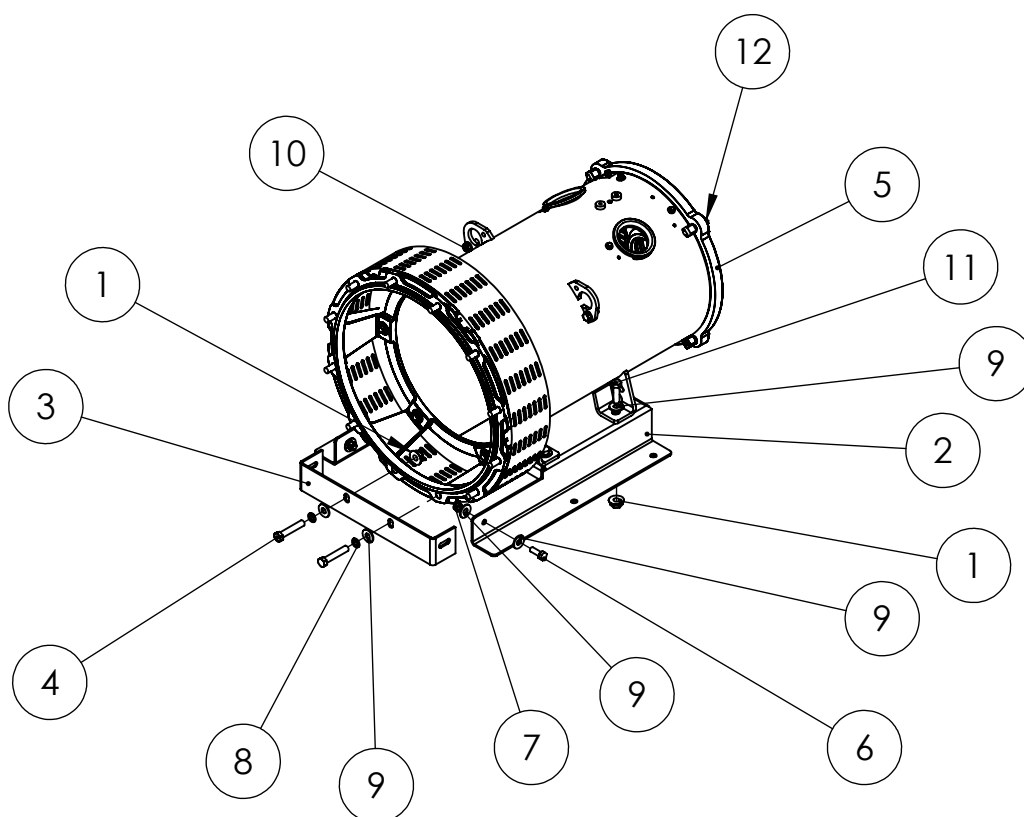
ASSEMBLY PARTS LIST



GENERAL ASSEMBLY PARTS LIST

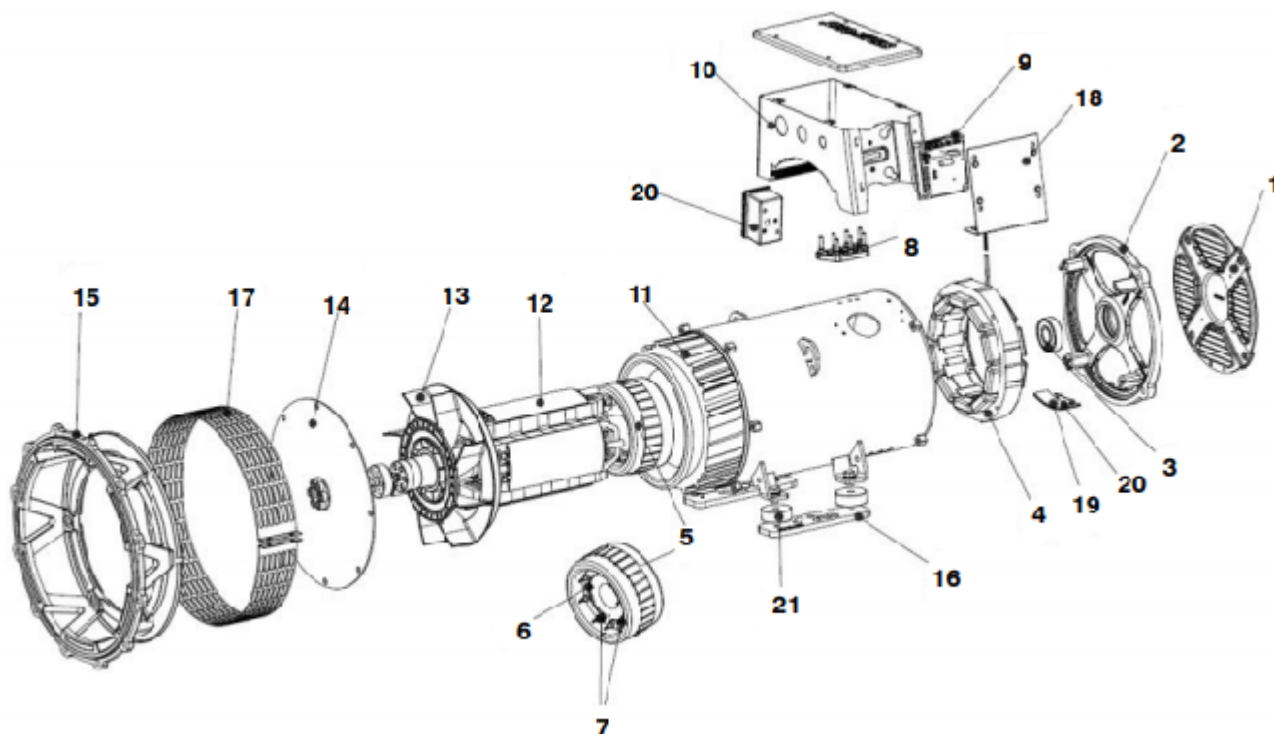
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	350023-9	SOL2-U1 GENERATOR ASSEMBLY	1
2	16406-009	GENERATOR SUPPORT	1
3	16406-010	GEARBOX SUPPORT	1
4	61000-021	RECEPTACLE AND CB ASSEMBLY	1
5	60944-004	RECEPTACLE BOX COVER	1
6	91658-003	.375-16X1.5 HHB	10
7	481-000	LOCK .375 SPLIT	10
8	91658-002	HHCS 3/8-16X1.25	4
9	16250-000	.375-16 FLANGE NUT	6
10	526-000	ID.375 OD.890 TH.057	10
11	52077-000	DECAL-CAUTION OIL LEVEL	1
12	91369-000	DECAL- 540 RPM	1
13	15209-003	UL-DECAL ELECTRICAL SHOCK CAN KILL	1
14	64516-000	DANGER STICKER	1
15	91171-000	SHIELD	1
16	21698-001	SELF TAP SCREW, TORX	14
17	64893-005	AVR MOUNT	1
18	Z25272	DECAL, LOAD CONNECTIONS - 1PH 4 CAVITY	1
19	96002-040	M8-1.25X40MM	2
20	21594-000	HHCS .375-16 X 2	2
21	47136-000	HEX NUT .3125-18 NYLOK	2
22	465-000	.3125-18X.875 HHB	2
23	64214-047	WINCO LOGO	2
24	98479-000	WINCO #1 WORLDWIDE DECAL	2
25	63966-007	KIT, NAMEPLATE WINCO PTO	1
26	Z2553	DECAL-OPERATOR INSTRUCTIONS	1
27	16303-000	DECAL-OIL LEVEL	1
28	15209-036	PROP 65 WARNING DECAL	1
29	64515-000	DECAL- WARNING PTO	1
30	64605-000	SAFETY DECAL	1
31	95281-000	HHCS 1/4-20X1-1/4 GR2	2
32	512-000	.25 WASHER	3
33	16248-000	.25-20 FLANGE NUT	2
34	15715-100	DECAL KIT, PACKAGING, PTO/EC STYLE, STACK 2	1
35	75139-020	HHCS M6-1X20MM ZINC	1
36	4516-000	LOCKWASHER 1/4 EXTERNAL TOOTH	1
37	91099-042	GEARCASE ASSEMBLY 540 RPM (203054-031)	1
38	91099-043	GEARCASE ASSEMBLY 1000 RPM (202714-031)	1

GENERATOR AND BASE



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	16250-000	.375-16 FLANGE NUT	6
2	16406-009	GENERATOR SUPPORT	1
3	16406-010	GEARBOX SUPPORT	1
4	21594-000	HHCS .375-16 X 2	2
5	350023-9	SOL2-U1 GENERATOR ASSEMBLY	1
6	465-000	.3125-18X.875 HHB	2
7	47136-000	HEX NUT .3125-18 NYLOK	2
8	481-000	LOCK .375 SPLIT	12
9	526-000	ID.375 OD.890 TH.057	10
10	62173-000	SELF TAP.SC. 5/16-18X.75	2
11	91658-002	HHCS 3/8-16X1.25	14
12	96002-040	M8-1.25X40MM	2

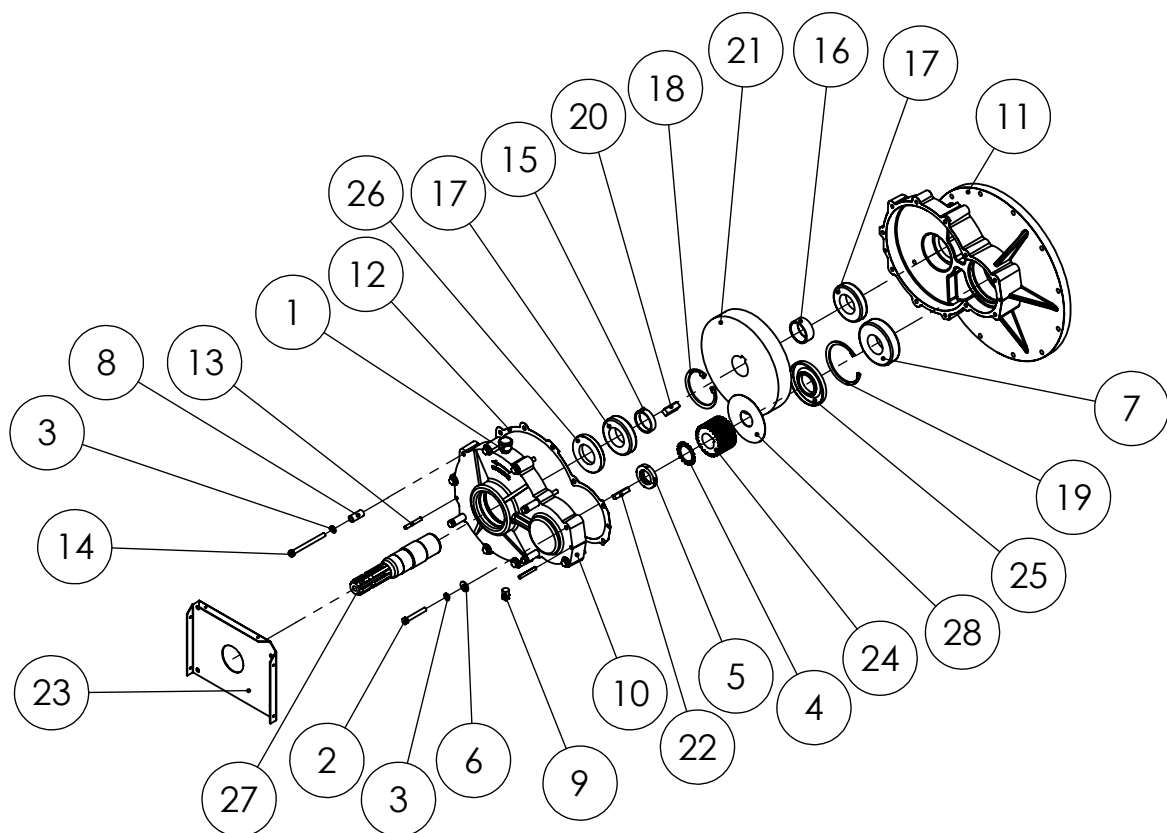
GENERATOR INFORMATION



ITEM	DESCRIPTION	2027X4-031
-	COMPLETE GENERATOR END	350023-9
-	STAMFORD MODEL	SOL2-U2J
-	WINDING	706
9	AVR AS540	8-101
For additional parts support, contact WINCO service.		

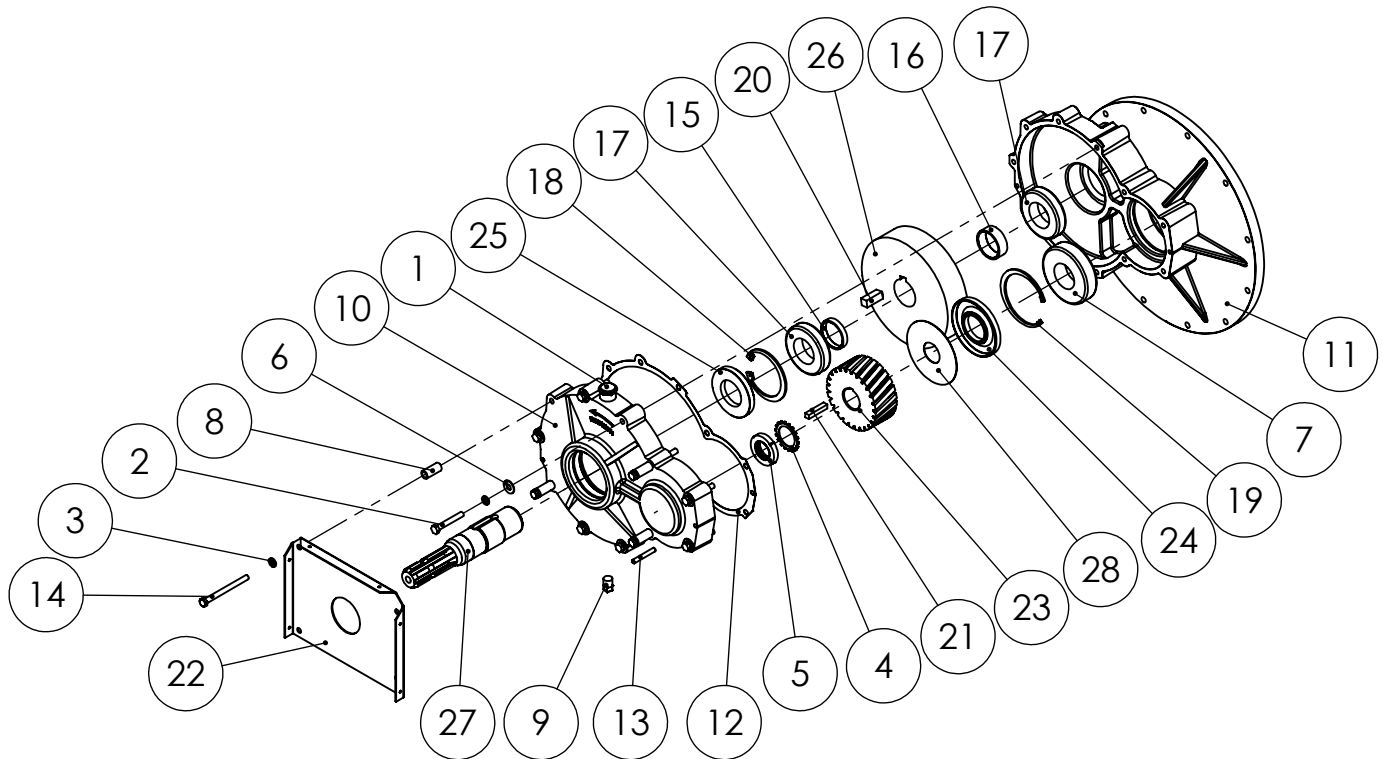
EXPECTED RESISTANCE (Ω) @ 22C	
MODEL	SOL2-U2J 706
STATOR WINDING (PER PHASE SERIES CONNECTED)	0.097
ROTOR WINDING	0.747
EXCITER STATOR	15.420
EXCITER ROTOR (PER PHASE)	0.106
POSITIVE SEQUENCE (R1)	0.121
NEGATIVE SEQUENCE (R2)	0.139
ZERO SEQUENCE (R0)	0.121
AUX WINDING	2.570

GEARCASE ASSEMBLY (540 RPM)



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	40716-000	BREATHER ASSEMBLY	1
2	471-000	5/16-18 X 2.25	7
3	480-000	LOCKWASHER 5/16 SPLIT ZINC	11
4	50531-000	LOCKWASHER	1
5	50532-000	LOCKNUT	1
6	526-000	FLAT WASHER 5/16_3/8	7
7	54665-004	BEARING 6309-2RLD	1
8	62825-004	SPACER	4
9	643-000	PIPE PLUG .375	1
10	91099-006	GEAR BOX COVER	1
11	91100-040	GEAR CASE SUPPORT BRACKET	1
12	91104-000	GASKET	1
13	91106-000	SPRING PIN .25 X 1.875	2
14	91107-001	HHCS .3125-18 X 3.75	4
15	91108-003	SPACER 2" X .125W X .468	1
16	91108-004	SPACER, RD TUBE, 2" X .125W X .813	1
17	91111-000	BEARING 6209-2RLD	2
18	91113-000	RETAINING RING 3-11/32	1
19	91114-000	RETAINING RING 3-15/16	1
20	91117-000	KEYSTOCK 1-15/32 X 1/2	1
21	91118-000	GEAR, DRIVER	1
22	91123-001	KEY .3125 SQ X 1.625 L	1
23	91170-001	BRACKET GUARD	1
24	91225-000	GEAR,SHAVED PINION,25	1
25	91247-002	OIL SEAL 45X100X10SC	1
26	91247-000	OIL SEAL 45X85X10TC	1
27	91344-000	SHAFT	1
28	91345-000	SLINGER	1

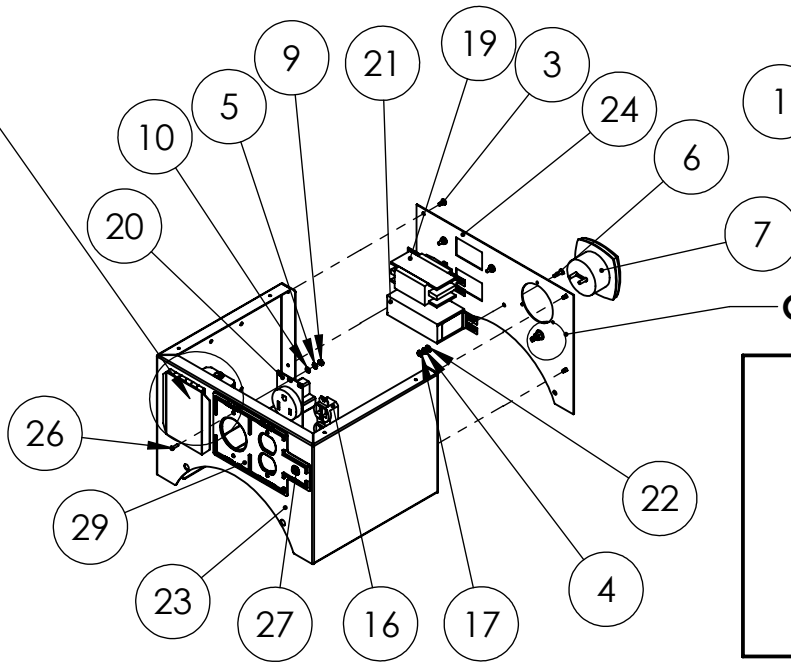
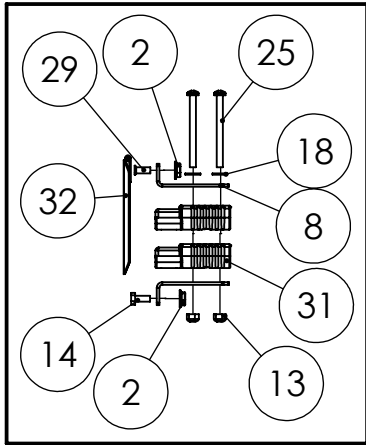
GEARCASE ASSEMBLY (1000 RPM)



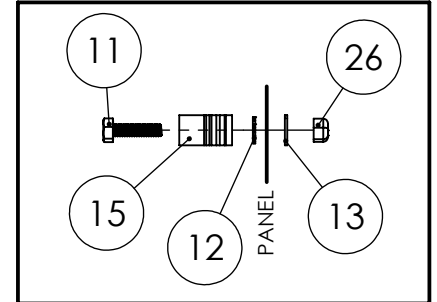
ITEM NO.	PART NUMBER	DESCRIPTION	Default/QTY.
1	40716-000	BREATHER ASSEMBLY	1
2	471-000	5/16-18 X 2.25	7
3	480-000	LOCKWASHER 5/16 SPLIT ZINC	11
4	50531-000	LOCKWASHER	1
5	50532-000	LOCKNUT	1
6	526-000	FLAT WASHER 5/16_3/8	7
7	54665-004	BEARING 6309-2RLD	1
8	62825-004	SPACER	4
9	643-000	PIPE PLUG .375	1
10	91099-006	GEAR BOX COVER	1
11	91100-040	GEAR CASE SUPPORT BRACKET	1
12	91104-000	GASKET	1
13	91106-000	SPRING PIN .25 X 1.875	2
14	91107-001	HHCS .3125-18 X 3.75	4
15	91108-001	SPACER 2" X .125W X .343	1
16	91108-002	SPACER, RD TUBE, 2" X .125W X .688L	1
17	91111-000	BEARING 6209-2RLD	2
18	91113-000	RETAINING RING 3-11/32	1
19	91114-000	RETAINING RING 3-15/16	1
20	91117-000	KEYSTOCK 1-15/32 X 1/2	1
21	91123-001	KEY .3125 SQ X 1.625 L	1
22	91170-001	BRACKET GUARD	1
23	91224-000	GEAR (PINION)	1
24	91247-002	OIL SEAL 45X100X10SC	1
25	91247-000	OIL SEAL 45X85X10TC	1
26	91248-000	DRIVER GEAR (70 TEETH, SHAVED)	1
27	91344-000	SHAFT	1
28	91345-000	SLINGER	1

RECEPTACLE AND CB PANEL ASSEMBLY

ANDERSON ASSY.



GROUND LUG ASSY.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	15750-000	GROUND DECAL	1
2	16248-000	.25-20 FLANGE NUT	4
3	21698-001	SELF TAP SCREW, TORX	4
4	21976-000	#8 LOCKWASHER EXTERNAL TOOTH	4
5	22989-000	#6 LOCKWASHER	4
6	24198-001	BHMS #8-32 X 5/8 BLACK	4
7	300102	FREQUENCY METER, 55-65HZ, 120V	1
8	300117-5	CONNECTOR SUPPORT	2
9	394-000	NUT HEX #6-32	4
10	425-000	#6 FLATWASHER	4
11	439-000	HHCS 1/4-20X1 GR2	1
12	4516-000	LOCKWASHER 1/4 EXTERNAL TOOTH	1
13	47517-000	.25-20 NYLOK	3
14	476-000	HHCS 1/4-20X5/8	2
15	48043-000	TERMINAL GROUND	1
16	50766-000	RECEPTACLE NEMA 5-20 DUPLEX	1
17	5113-000	NUT HEX # 8	4
18	512-000	.25 WASHER	2
19	57030-000	CIR. BRK. 50A-2PL-240V	1
20	57325-000	RECEPTACLE, NEMA 6-50R	1
21	58805-006	CIR.BRK.125A-2PL-240V	1
22	598-000	#10 WASHER	4
23	61110-004	RECEPTACLE BOX	1
24	61111-003	CB PANEL	1
25	61993-001	RHMS 1/4-20 X 3	2
26	7792-001	BZ RHMS 6-32X.5	4
27	91286-001	CIRCUIT BREAKER, 20A, 1 POLE	1
28	94980-001	THREAD STUD .25-20X.625	2
29	98479-001	30-50PTO REC. DECAL	1
30	EE2327	HOUSING 175A	2
31	G7213-2	WELDMENT COVER ASSEMBLY	1
32	65005-000	.25 FLATWASHER SS	1

WIRING DIAGRAM

