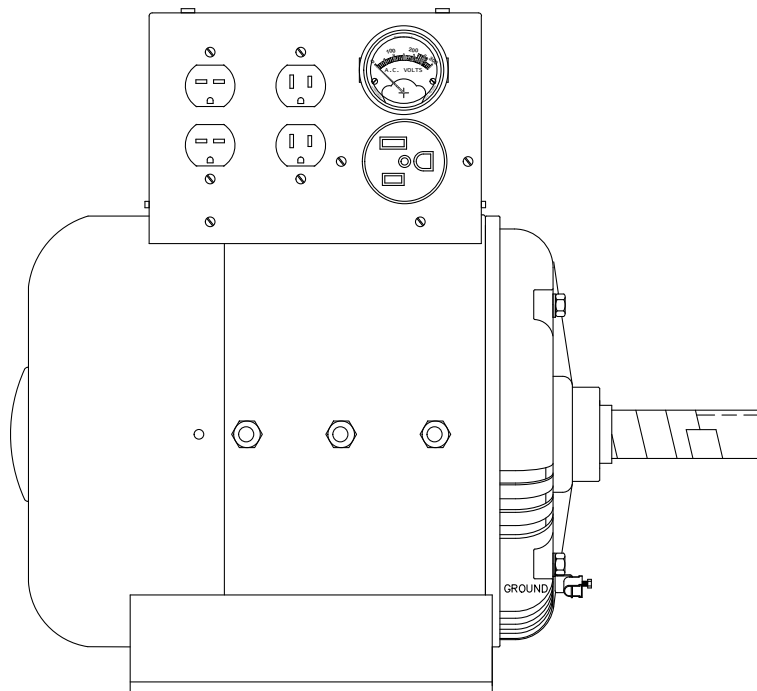




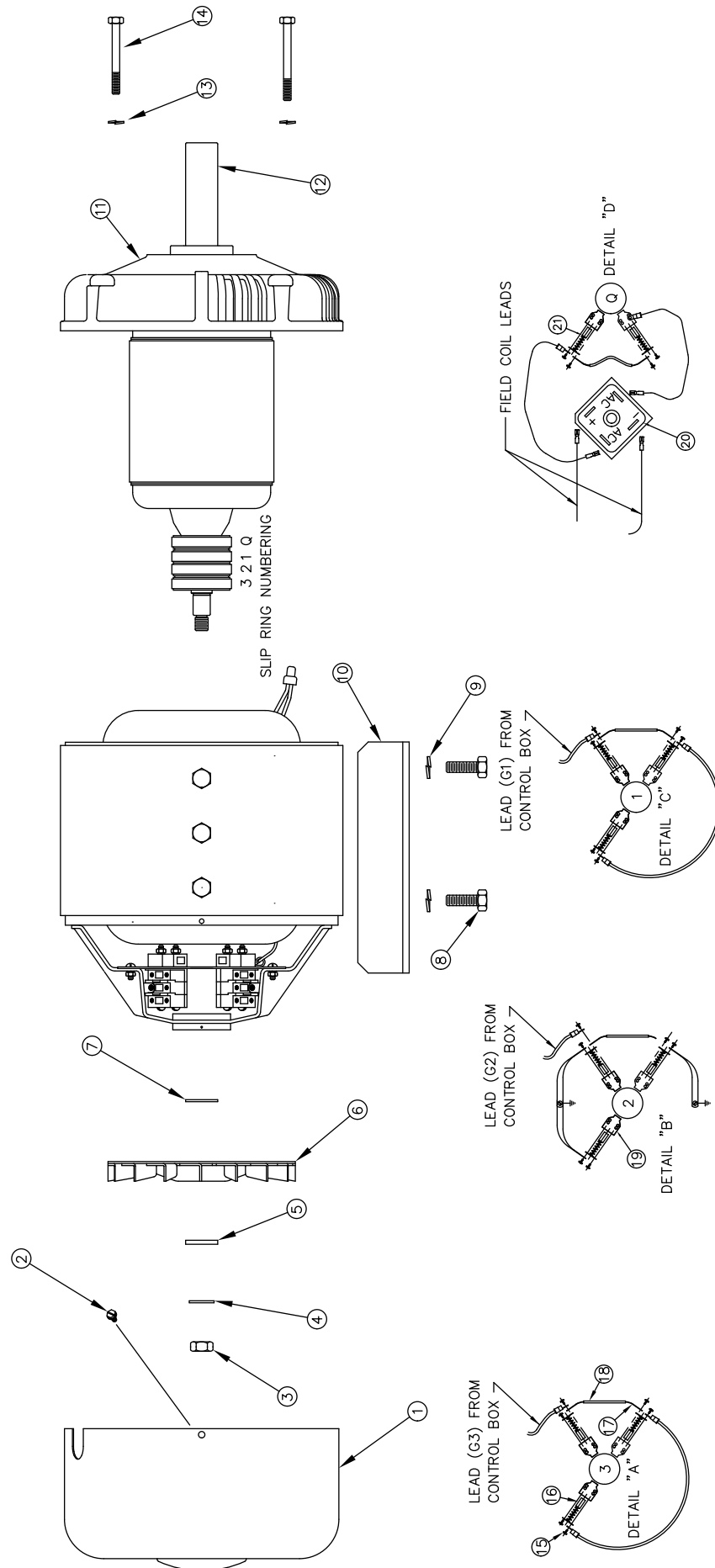
ILLUSTRATED PARTS LIST

8KS2GC-3/A



225 S. CORDOVA AVE.
LECENTER, MN 56057
507-357-6821
SERVICE DEPT.
507-357-6831
wincogen.com

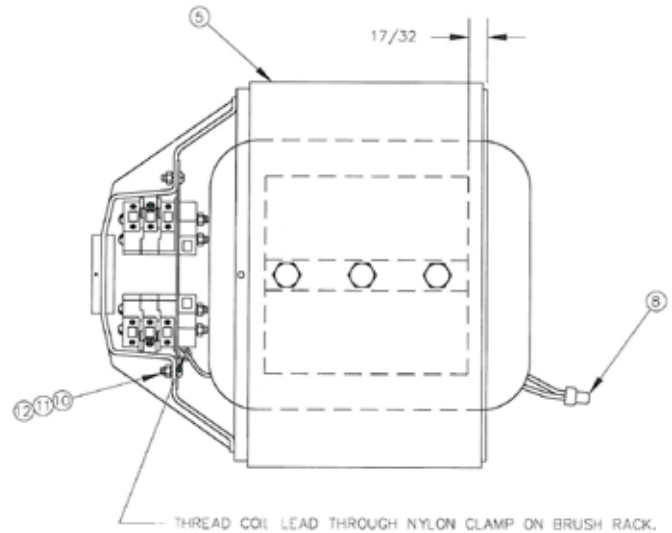
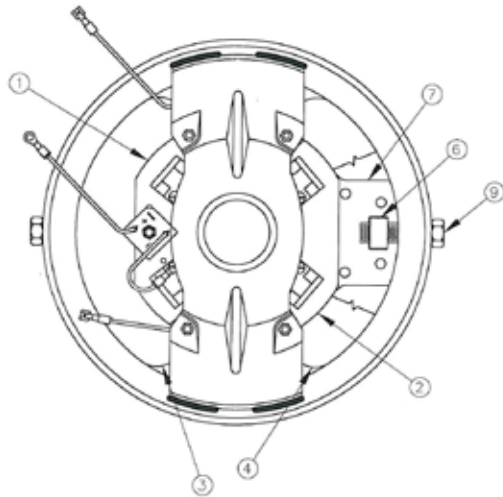
GENERATOR AND BASE ASSEMBLY



NOTE: ALL DETAILS ARE DRAWN AS VIEWED FROM FAN END

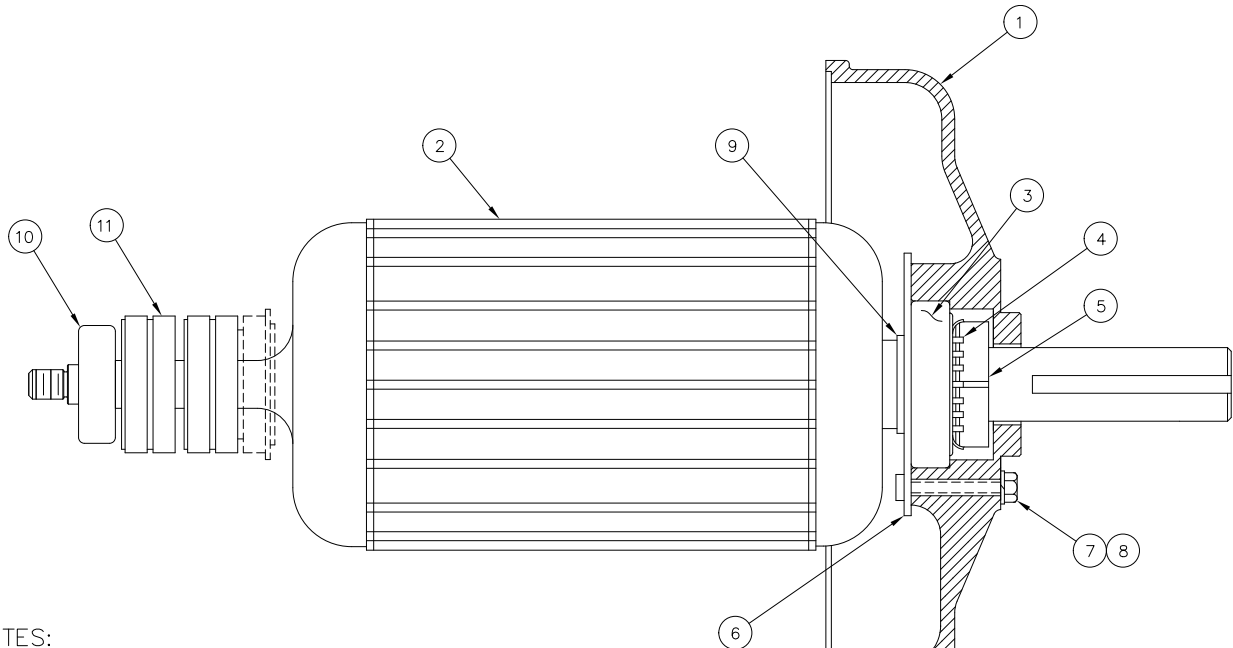
REF #	PART NUMBER	QTY	DESCRIPTION
1	55007-000	1	End Cover
2	53644-000	2	# 10-24 x 3/8" Screw
3	9549-000	1	1/2"-13 Jam Nut
4	20039-000	1	1/2" Lock Washer
5	21867-000	1	Flat Washer
6	23404-000	1	Fan
7	97627-001	1	Flat Washer
8	48178-000	2	1/2"-13 X 1 Bolt
9	636-000	2	1/2" Split Lock Washer
10	51147-000	1	Base
11	58393-004	Reference	Armature & End Bracket Assy
12	44208-000	1	Key
13	480-000	4	5/16" Split Lock Washer
14	51101-000	4	5/16"-18 x 2 3/4" Bolt
15	40746-000	22	# 8-32 x 5/16" Screw
16	55536-000	9	AC Brush
17	41387-007	4	Copper Strap
18	46024-002	3	Insulation Sleeve
19	59690-000	11	AC Brush Holder
20	53976-000	1	Rectifier
21	53949-000	2	"Q" Brush

FIELD SHELL AND COIL ASSEMBLY



REF #	PART NUMBER	QTY	DESCRIPTION
1	60853-000	1	Left Brush Rack Assembly
2	60853-001	1	Right Brush Rack Assembly
3	60852-000	1	Left Field Coil
4	60852-001	1	Right Field Coil
5	60989-000	1	Field Ring & Bracket Assy
6	42883-000	2	Pole Shoe Retainer
7	42882-000	2	Pole Shoe
8	44791-000	1	Connector
9	91658-004	6	3/8"-16 x 1 3/4" Bolt
10	484-000	4	# 10 Split Lock Washer
11	3728-000	4	# 10-24 x 3/8" Screw
12	456-000	4	# 10-24 Hex Nut

ARMATURE & END BRACKET ASSEMBLY

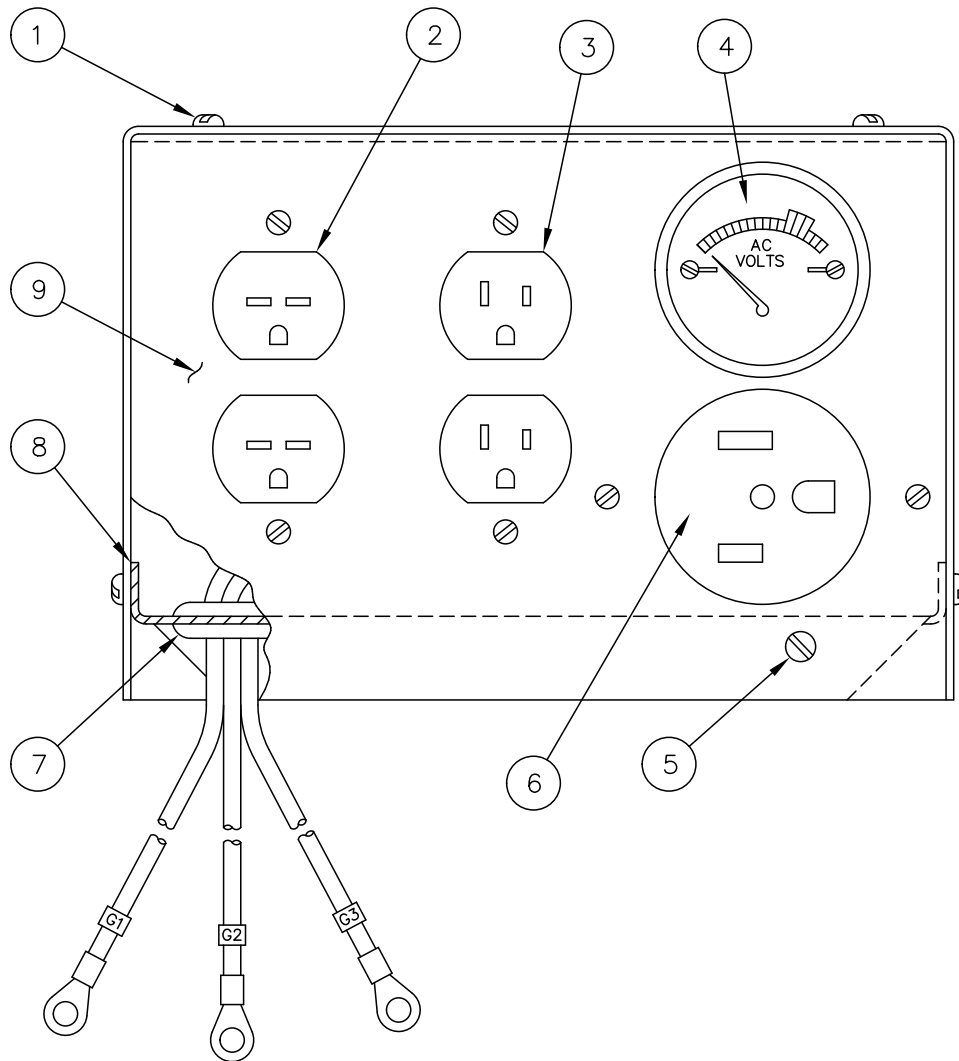


NOTES:

1. INSTALL ITEM 6 LOOSELY OVER SHAFT.
2. PRESS ITEMS 9 AND 3 IN PLACE, THEN INSTALL ITEMS 4 AND 5.
BEND LOCKING TAB ON ITEM 4 TO ENGAGE SLOT ON ITEM 5.
3. INSTALL REMAINING ITEMS AS SHOWN.

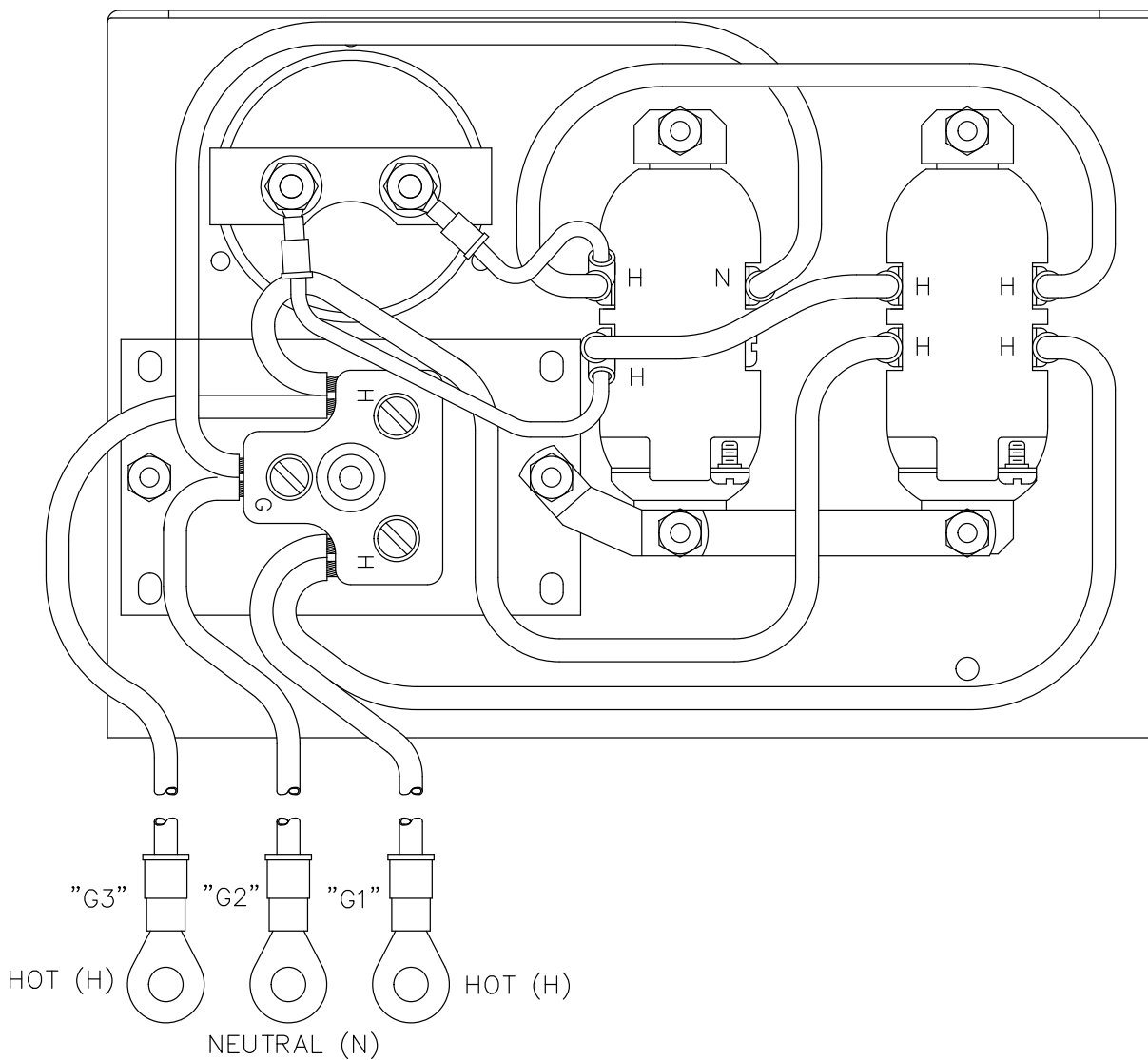
REF #	PART NUMBER	QTY	DESCRIPTION
1	50517-000	1	End Bracket
2	60980-000	1	Armature Assembly
3	46913-000	1	Bearing
4	50531-000	1	Lock Washer
5	50532-000	1	1 3/8"-18 Lock Nut
6	50536-000	1	Retainer Plate
7	479-000	3	1/4" Split Lock Washer
8	466-002	3	1/4"-20 x 2 Bolt
9	21549-000	1	Retaining Ring
10	50215-000	1	Bearing
11	41010-000	2*	Slip Ring
*	Comes with Armature Assembly		

CONTROL BOX ASSEMBLY



REF #	PART NUMBER	QTY	DESCRIPTION
1	21698-000	10	# 10 Screw
2	40452-000	1	15 Amp 240 Volt Receptacle
3	24749-000	1	15 Amp 120 Volt Receptacle
4	52490-000	1	Voltmeter
5	21698-001	2	# 10 Black Screw
6	57325-000	1	50 Amp 240 Volt Receptacle
7	23917-000	1	Grommet
8	60939-000	1	Saddle
9	60937-001	1	Cover

WIRING DIAGRAM



GENERATOR SPECIFICATIONS:

Armature Slip Rings:

G1 to G2 (Neutral)	.050 - .059 Ohms
G3 to G2 (Neutral)	.050 - .059 Ohms
Q to G2 (Neutral)	.048 - .054 Ohms

Field Coils

8.5 - 9.45 Ohms

Winding Spec.

SS1443

Armature Connection

AC254

AC Residual Volts

7.0 VAC G1 - N

WIRING SCHEMATIC

