

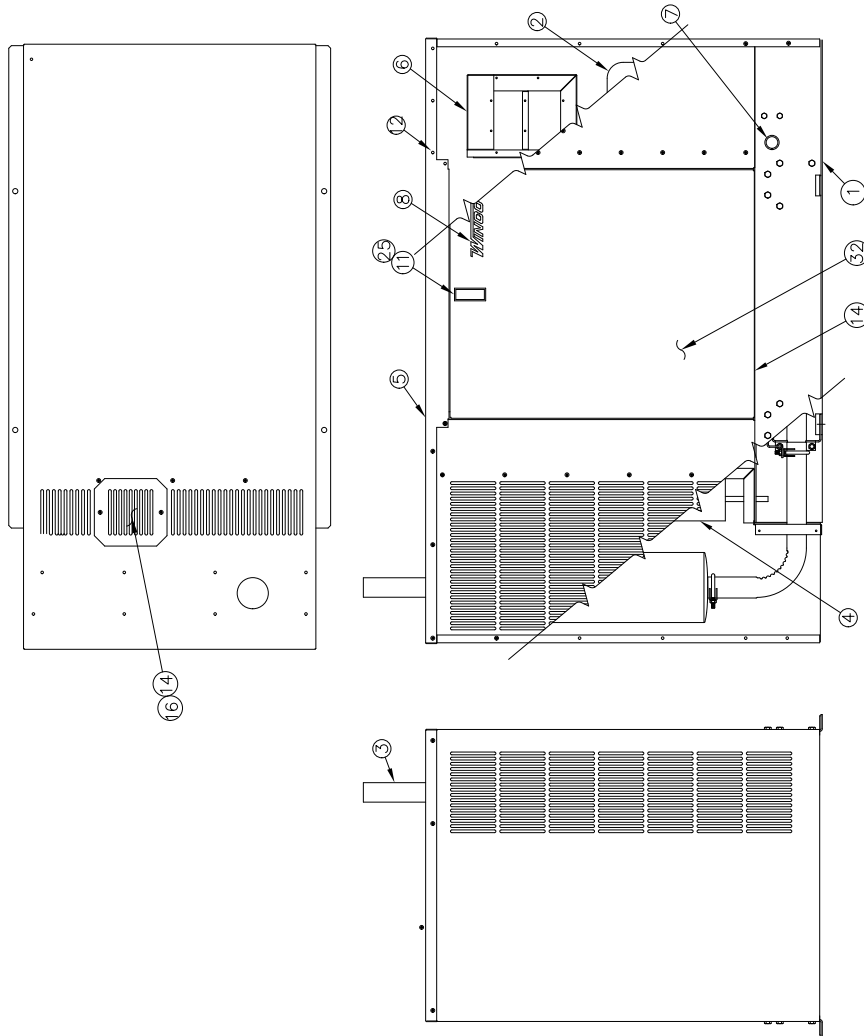


ILLUSTRATED PARTS LIST

PSS20000/E
PSS20000/F
PSS20000/G

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

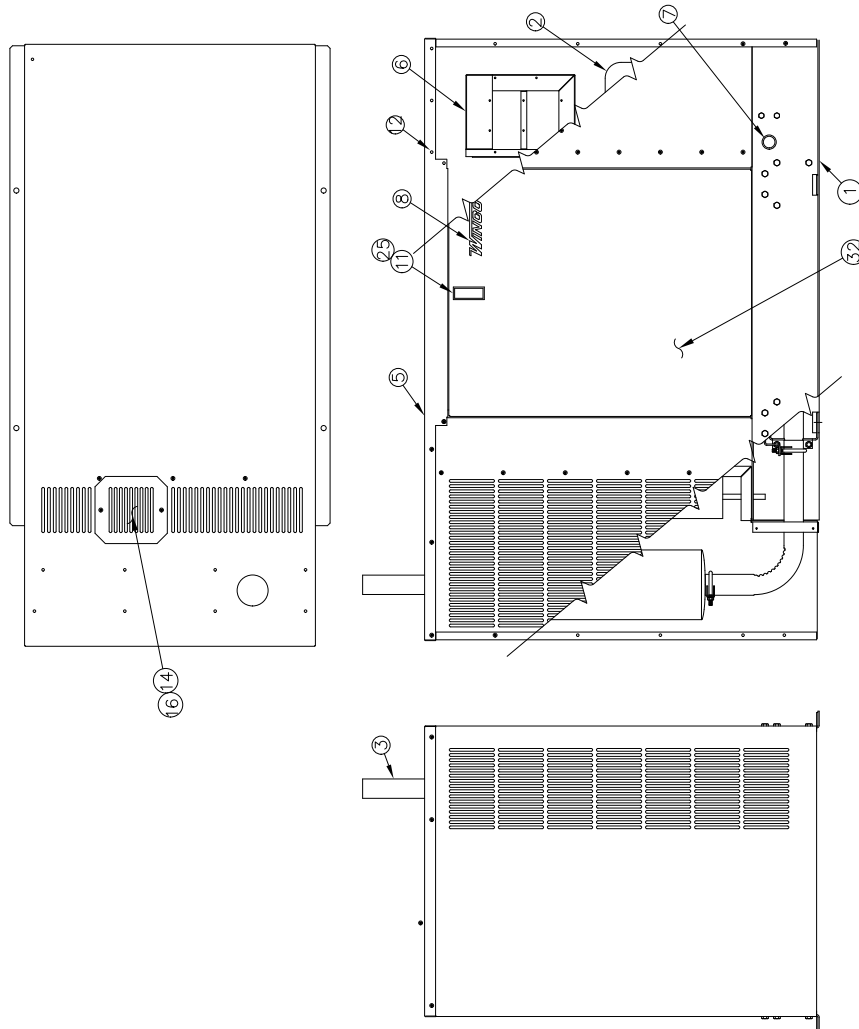
COMPLETE UNIT ASSEMBLY /E & /F



37	99691-001	1	BATTERY CHARGER INSTALLATION
36	64666-000	1	FOAM KIT (SEE 64645 & 62127-1 FOR INSTALLATION)
35	64656-000	1	FOAM KIT (SEE 64645 & 62127-1 FOR INSTALLATION)
34	64646-000	1	FOAM KIT (SEE 64645 & 62127-1 FOR INSTALLATION)
33	SEE TABLE	1	ENGINE WIRING HARNESS ASSEMBLY
32	15680-008	2	DOOR
31	97436-010	4	M10 SPLIT TYPE LOCK WASHER
30	SEE TABLE	1	MODIFICATION, GOVERNOR CONTROLLER
29	94442-003	1	M8 X 1.25 HEX NUT
28	456-000	2	HEX NUT #10-24
27	94282-020	1	M10 X 1.50 X 20 MM HEX HD. BOLT
26	46796-000	2	#10 X 3/4 SHEET METAL SCREW
25	94282-110	3	M10 X 1.50 X 110 MM HEX HD. BOLT
24	484-000	2	#10 SPLIT TYPE LOCK WASHER
23	638-000	3	HEX NUT 1/4-20 NC
22	479-000	3	LOCK WASHER 1/4 SPLIT
21	477-000	2	5/16-18 X 5/8 H.H.C.S.
20	80980-000	1	START SOLENOID
19	22097-006	1	BATTERY CABLE #4 GA. 42", (BLACK)
18	22097-001	1	BATTERY CABLE #4 GA. 42", (RED)
17	476-000	3	HHCS, 1/4-20 X 5/8
16	62026-001	1	COOLANT ACCESS COVER PLATE
15	92267-001	8	CAP PLUG (SEE NOTE 3)
14	62912-000	20 FT.	.125" X .50" ADHESIVE BACKED WEATHER STRIP
13	55440-000	8	1/4-20 X 1/2 HEX HD. SELF TAPPING SCREW
12	21698-001	89	#10 X 3/8" SHEET METAL SCREW
11	95229-004	2	DOOR LATCH
10	64668-057	1	LITERATURE PACKAGE AND SHIPPING CONTAINER
9	63889-004	1	ENGINE FREEZE PLUG HEATER INSTALLATION
8	64612-003	1	DECAL & NAMEPLATE PARTS AND LOCATION
7	SEE TABLE	1	FUEL SYSTEM PARTS & INSTALLATION
6	SEE TABLE	1	ELECTRICAL CONTROL PARTS AND INSTALLATION
5	62127-001	1	HOUSING, FOAM PARTS & INSTALLATION
4	64645-000	1	RADIATOR SUPPORT BRACKET & HOSE GROUP
3	63821-001	1	EXHAUST SYSTEM PARTS AND INSTALLATION
2	SEE TABLE	1	ENGINE, GENERATOR & SHOCK MOUNT INSTALLATION
1	63662-001	1	BASE ASSEMBLY
ITEM	PART NO	QUAN.	DESCRIPTION

64845-008	PSS20000-17/ELW	120-240 V, 3 PHASE	64777-002	64637-002	63945-005	NOT REQ'D	64613-004	15766-020
64845-007	PSS20000-17/E	120-240 V, 3 PHASE	64777-002	64637-002	64608-004	NOT REQ'D	64613-004	15766-020
64845-006	PSS20000-4/ELW	120-208 V, 3 PHASE	64777-001	64637-002	63945-005	NOT REQ'D	64613-004	15766-019
64845-005	PSS20000-4/E	120-208 V, 3 PHASE	64777-001	64637-002	64608-004	NOT REQ'D	64613-004	15766-019
64845-004	PSS20000-3/FLW	120-240 V, 1 PHASE	64846-000	64847-000	63945-005	NOT REQ'D	64613-004	15766-018
64845-003	PSS20000-3/F	120-240 V, 1 PHASE	64846-000	64847-000	64608-004	NOT REQ'D	64613-004	15766-018
64845-002	PSS20000-3/ELW	120-240 V, 1 PHASE	64846-000	64847-000	63945-004	99543-000	64613-003	15766-016
64845-001	PSS20000-3/E	120-240 V, 1 PHASE	64846-000	64847-000	64608-003	99543-000	64613-003	15766-016
UNIT NUMBER	MODEL	VOLTAGE SPEC.	ITEM (2)	ITEM (6)	ITEM (7)	ITEM (6)	ITEM (6)	SCHEMATIC

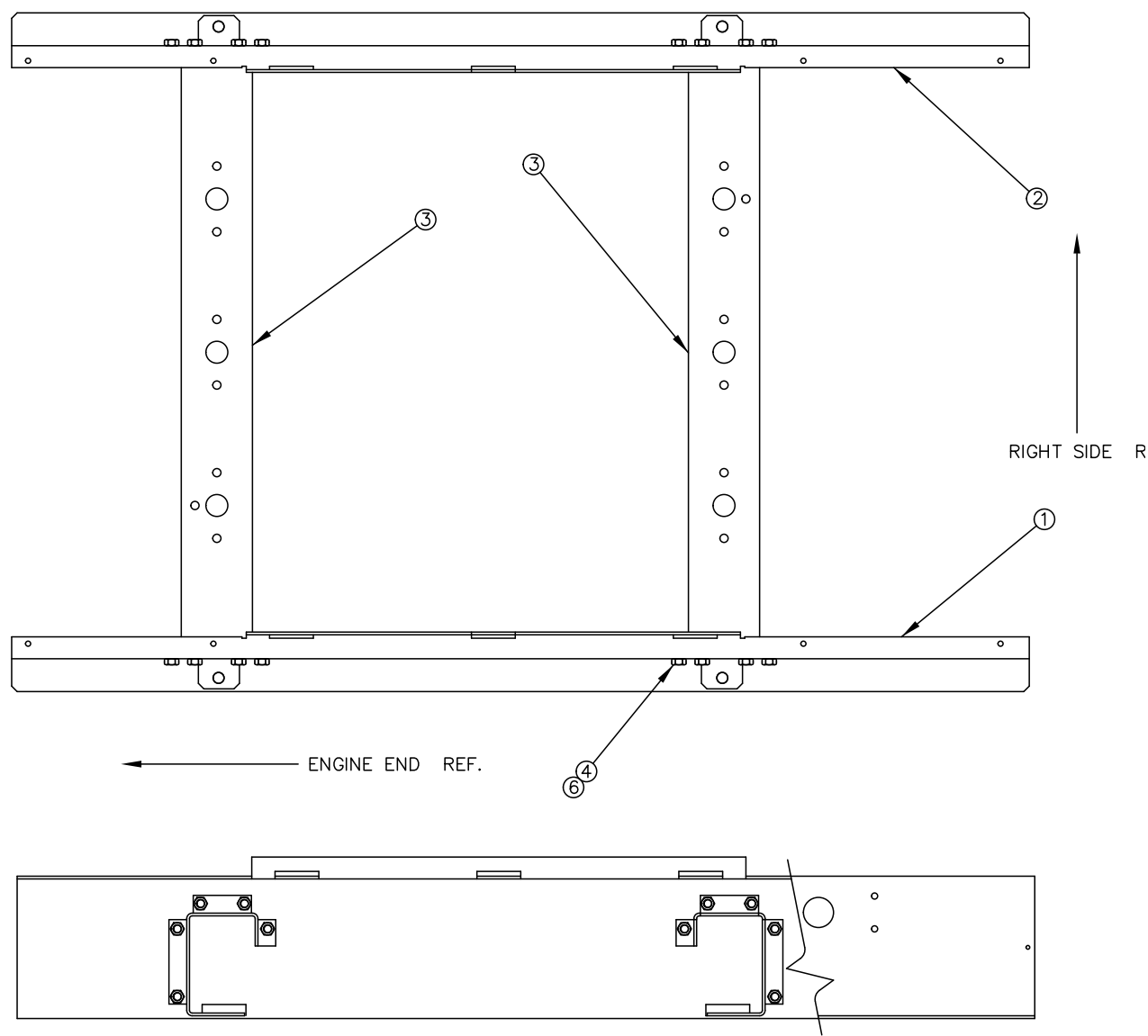
COMPLETE UNIT ASSEMBLY /G



37			
36	64666-000	1	FOAM KIT (SEE 64645 & 62127-1 FOR INSTALLATION)
35	64656-000	1	FOAM KIT (SEE 64645 & 62127-1 FOR INSTALLATION)
34	64646-000	1	FOAM KIT (SEE 64645 & 62127-1 FOR INSTALLATION)
33	SEE TABLE	1	ENGINE WIRING HARNESS ASSEMBLY
32	15680-008	2	DOOR
31	97436-010	4	M10 SPLIT TYPE LOCK WASHER
30	99691-001	1	BATTERY CHARGER INSTALLATION
29	94442-003	1	M8 X 1.25 HEX NUT
28	456-000	2	HEX NUT #10-24
27	94282-020	1	M10 X 1.50 X 20 MM HEX HD. BOLT
26	46796-000	2	#10 X 3/4 SHEET METAL SCREW
25	94282-110	3	M10 X 1.50 X 110 MM HEX HD. BOLT
24	484-000	2	#10 SPLIT TYPE LOCK WASHER
23	638-000	3	HEX NUT 1/4-20 NC
22	479-000	3	LOCK WASHER 1/4 SPLIT
21	477-000	2	5/16-18 X 5/8 H.H.C.S.
20	A-80980-000	1	START SOLENOID
19	22097-006	1	BATTERY CABLE #4 GA. 42", (BLACK)
18	22097-001	1	BATTERY CABLE #4 GA. 42", (RED)
17	476-000	3	HGCS, 1/4-20 X 5/8
16	62026-001	1	COOLANT ACCESS COVER PLATE
15	92267-001	8	CAP PLUG (SEE NOTE 3)
14	62912-000	20 FT.	.125" X .50" ADHESIVE BACKED WEATHER STRIP
13	55440-000	8	1/4-20 X 1/2 HEX HD. SELF TAPPING SCREW
12	21698-001	89	#10 X 3/8" SHEET METAL SCREW
11	95229-004	2	DOOR LATCH
10	64668-057	1	LITERATURE PACKAGE AND SHIPPING CONTAINER
9	63889-004	1	ENGINE FREEZE PLUG HEATER INSTALLATION
8	64612-003	1	DECAL & NAMEPLATE PARTS AND LOCATION
7	SEE TABLE	1	FUEL SYSTEM PARTS & INSTALLATION
6	SEE TABLE	1	ELECTRICAL CONTROL PARTS AND INSTALLATION
5	62127-001	1	HOUSING, FOAM PARTS & INSTALLATION
4	64645-000	1	RADIATOR, SUPPORT BRACKET & HOSE GROUP
3	63821-001	1	EXHAUST SYSTEM PARTS AND INSTALLATION
2	SEE TABLE	1	ENGINE, GENERATOR & SHOCK MOUNT INSTALLATION
1	63662-001	1	BASE ASSEMBLY
ITEM	PART NO	QUAN.	DESCRIPTION

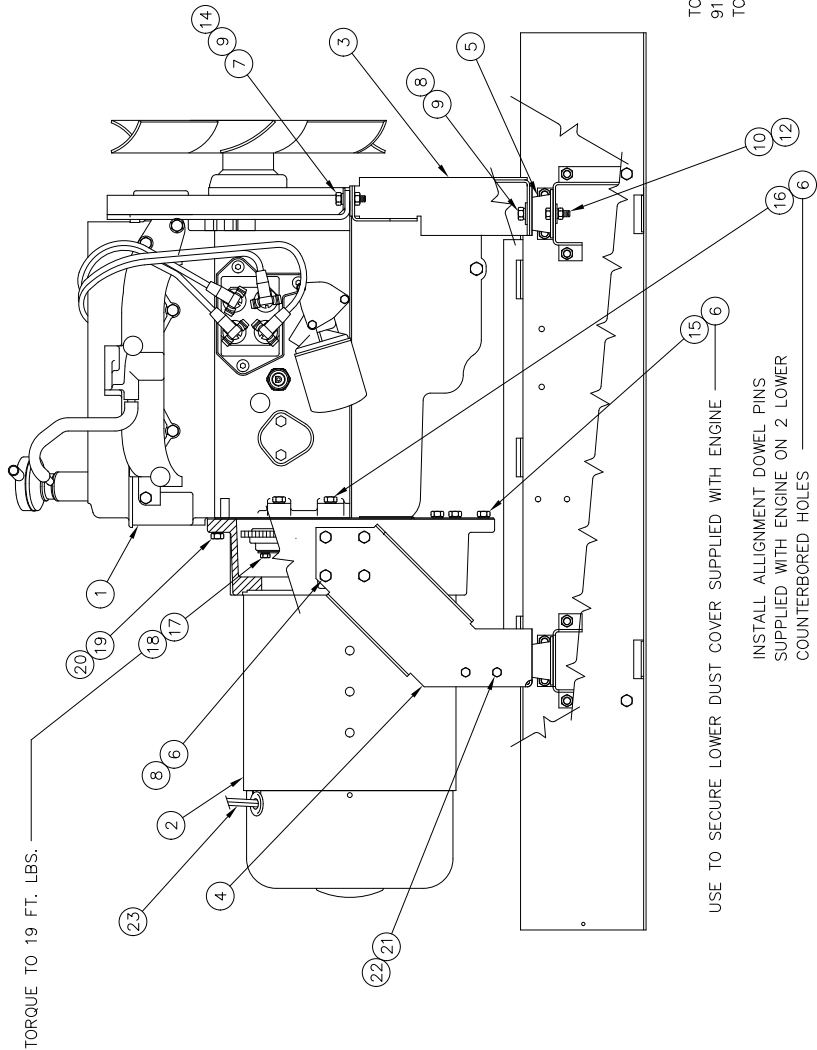
64877-006	PSS20000-17/GLW	120-240 V, 3 PHASE	64878-002	64637-002	63945-006	64613-004	15766-029
64877-005	PSS20000-17/G	120-240 V, 3 PHASE	64878-002	64637-002	64608-005	64613-004	15766-029
64877-004	PSS20000-4/GLW	120-208 V, 3 PHASE	64878-001	64637-002	63945-006	64613-004	15766-028
64877-003	PSS20000-4/G	120-208 V, 3 PHASE	64878-001	64637-002	64608-005	64613-004	15766-028
64877-002	PSS20000-3/GLW	120-240 V, 1 PHASE	64878-000	64847-000	63945-006	64613-004	15766-027
64877-001	PSS20000-3/G	120-240 V, 1 PHASE	64878-000	64847-000	64608-005	64613-004	15766-027
UNIT NUMBER	MODEL	VOLTAGE SPEC.	ITEM (2)	ITEM (6)	ITEM (7)	ITEM (3)	SCHEMATIC

BASE ASSEMBLY



6	16250-000	20	3/8-16 HEX FLANGENUT
5			
4	464-000	20	3/8-16 X 3/4 HEX HD. BOLT
3	63665-001	2	BASE CROSS MEMBER
2	63666-004	1	RIGHT BASE RAIL
1	63666-003	1	LEFT BASE RAIL

ENGINE / GENERATOR ASSEMBLY /E & /F



TORQUE STARTER BOLTS
91658-015 & 97436-010
TO 35 FT. LBS.

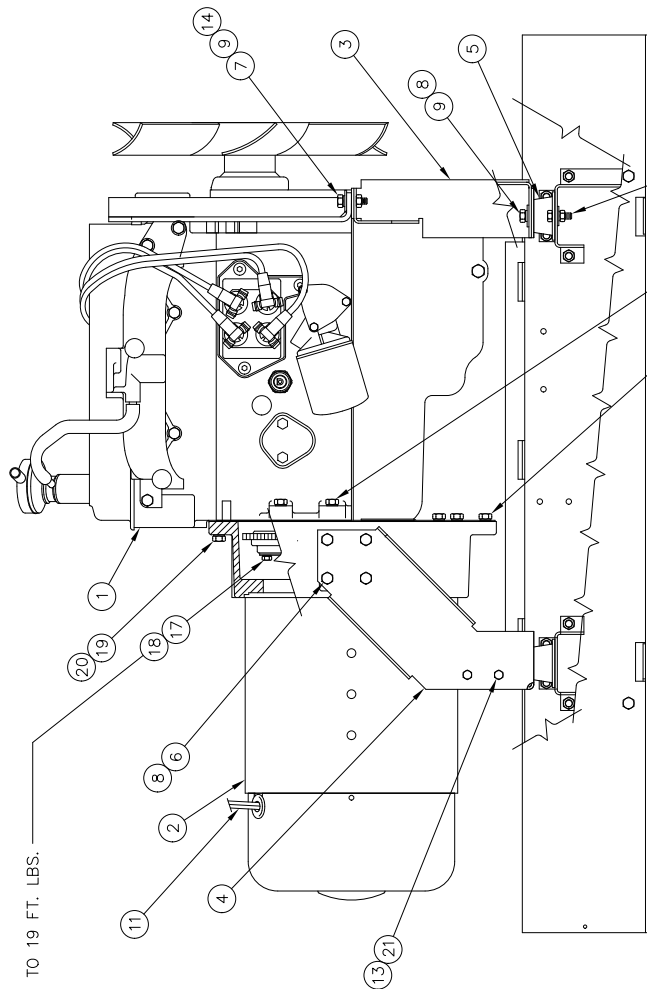
INSTALL ALIGNMENT DOWEL PINS
SUPPLIED WITH ENGINE ON 2 LOWER
COUNTERBORED HOLES

MODEL TABLE			
PART NUMBER	MODEL	ITEM (2)	ITEM (23)
64846-000	PSS20000-3/E & /F	64848-000	64850-000
64777-001	PSS20000-4/E & /F	64644-001	64673-001
64777-002	PSS20000-17/E & /F	64644-002	64673-002

ITEM	PART NO	QUAN.	DESCRIPTION
23	SEE MODEL TABLE	1	A.C. POWER LEAD GROUP
22	16248-000	4	1/4-20 HEX FLANGENUT
21	476-000	4	1/4-20 X 5/8" HEX HD. BOLT
20	93341-010	2	M10 SPLIT TYPE LOCKWASHER
19	94282-035	2	M10 X 1.50 X 35 MM HEX HD. BOLT
18	480-001	6	5/16 SPLIT LOCKWASHER
17	96002-016	6	M8 X 1.25 X 16 MM HEX HD. BOLT
16	91658-003	4	3/8-16 X 1-1/2 HEX HD. BOLT
15	464-000	3	3/8-16 X 3/4 HEX HD. BOLT
14	91658-002	1	3/8-16 X 1-1/4 HEX HD. BOLT
13			
12	16249-000	6	5/16-18 HEX FLANGENUT
11			
10	467-000	6	5/16-18 X 3/4 HEX HD. BOLT
9	526-000	4	3/8 FLAT WASHER
8	91658-001	11	3/8-16 X 1 HEX HD. BOLT
7	16250-000	1	3/8-16 HEX FLANGENUT
6	481-000	18	3/8 SPLIT TYPE LOCKWASHER
5	99050-000	3	SHOCK MOUNT
4	63793-001	1	GENERATOR SUPPORT BRACKET
3	63797-001	1	ENGINE SUPPORT ASSEMBLY
2	SEE MODEL TABLE	1	GENERATOR PARTS UNASSEMBLED
1	63803-004	1	MODIFIED AND ASSEMBLED ENGINE

ENGINE / GENERATOR ASSEMBLY /G

MODEL TABLE			
PART NUMBER	MODEL	ITEM (2)	ITEM (1)
64878-000	PSS20000-3/G	64848-001	64673-000
64878-001	PSS20000-4/G	64644-004	64673-001
64878-002	PSS20000-17/G	64644-005	64673-002



TORQUE TO 19 FT. LBS.

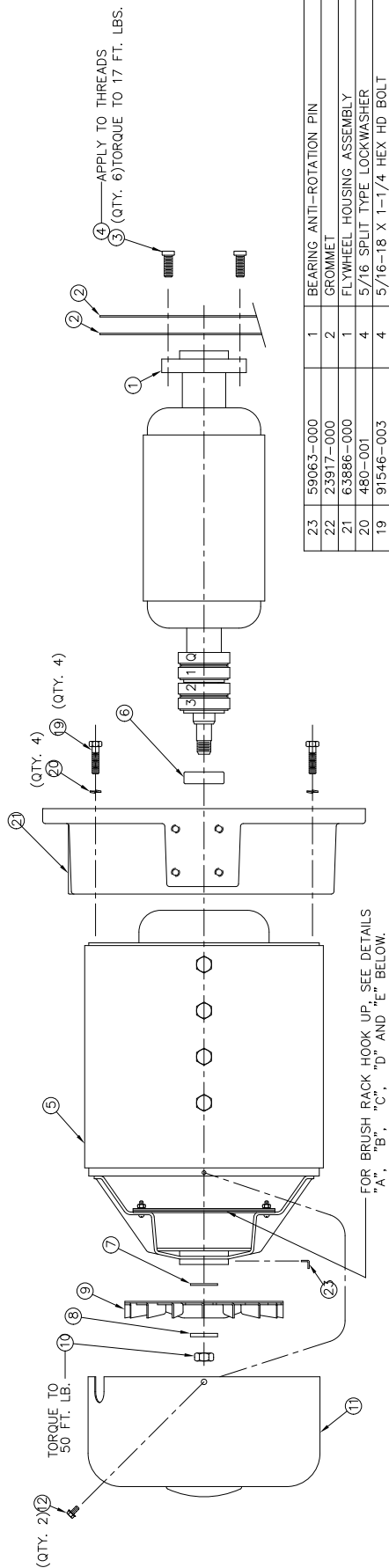
TORQUE STARTER BOLTS
91658-015 & 97436-010
TO 35 FT. LBS.

USE TO SECURE LOWER DUST COVER SUPPLIED WITH ENGINE
INSTALL ALIGNMENT DOWEL PINS
SUPPLIED WITH ENGINE ON 2 LOWER
COUNTERBORED HOLES

ITEM	PART NO	QUAN.	DESCRIPTION
21	476-000	4	1/4-20 X 5/8" HEX HD. BOLT
20	93341-010	2	M10 SPLIT TYPE LOCKWASHER
19	94282-035	2	M10 X 1.50 X 35 MM HEX HD. BOLT
18	480-001	6	5/16 SPLIT LOCKWASHER
17	96002-016	6	M8 X 1.25 X 16 MM HEX HD. BOLT
16	91658-003	4	3/8-16 X 1-1/2 HEX HD. BOLT
15	464-000	3	3/8-16 X 3/4 HEX HD. BOLT
14	91658-002	1	3/8-16 X 1-1/4 HEX HD. BOLT
13	16248-000	4	1/4-20 HEX FLANGENUT
12	16249-000	6	5/16-18 HEX FLANGENUT
11	SEE MODEL TABLE	1	A.C. POWER LEAD GROUP
10	467-000	6	5/16-18 X 3/4 HEX HD. BOLT
9	526-000	4	3/8 FLAT WASHER
8	91658-001	11	3/8-16 X 1 HEX HD. BOLT
7	16250-000	1	3/8-16 HEX FLANGENUT
6	481-000	18	3/8 SPLIT TYPE LOCKWASHER
5	99050-000	3	SHOCK MOUNT
4	63793-001	1	GENERATOR SUPPORT BRACKET
3	63797-001	1	ENGINE SUPPORT ASSEMBLY
2	SEE MODEL TABLE	1	GENERATOR PARTS UNASSEMBLED
1	63803-004	1	MODIFIED AND ASSEMBLED ENGINE

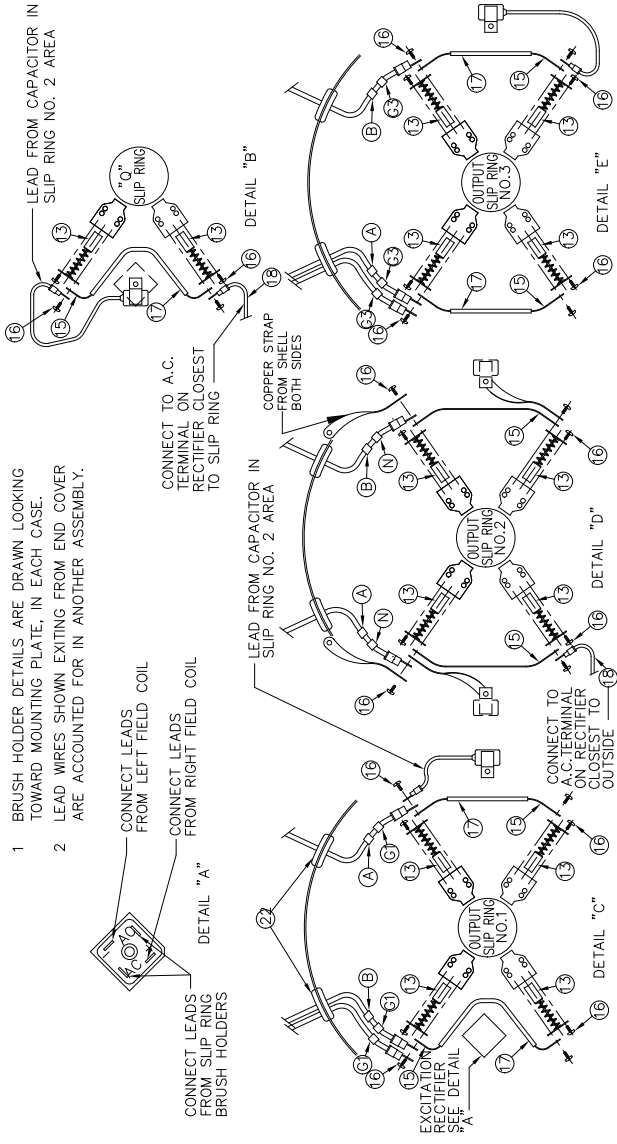
GENERATOR PARTS UNASSEMBLED

PSS20000-3/E, /F & /G



NOTES:

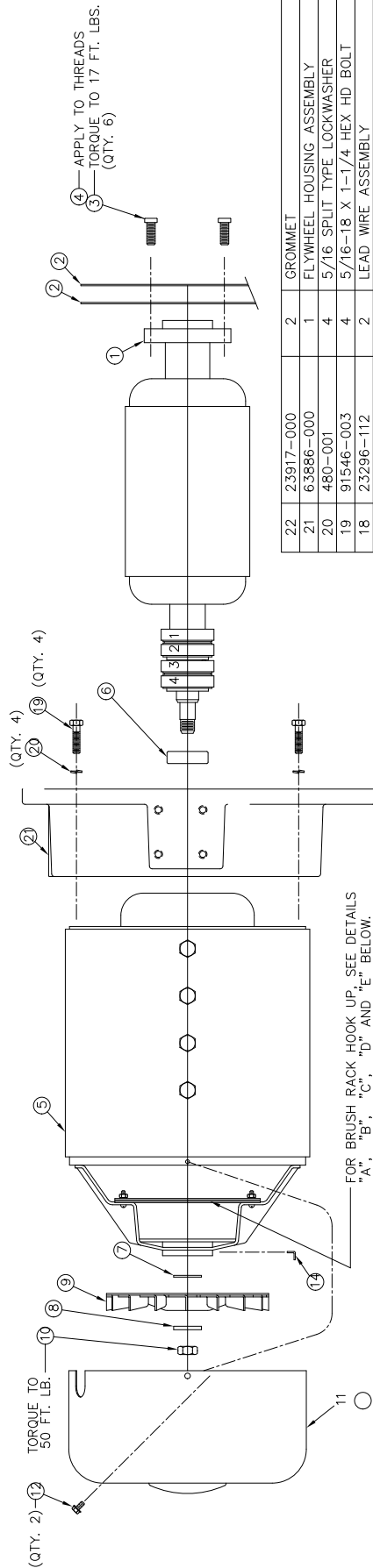
- BRUSH HOLDER DETAILS ARE DRAWN LOOKING TOWARD MOUNTING PLATE, IN EACH CASE.
- LEAD WIRES SHOWN EXITING FROM END COVER ARE ACCOUNTED FOR IN ANOTHER ASSEMBLY.



ITEM	PART NO.	QUAN.	DESCRIPTION
23	59063-000	1	BEARING ANTI-ROTATION PIN
22	23917-000	2	GROMMET
21	63886-000	1	FLYWHEEL HOUSING ASSEMBLY
20	480-001	4	5/16 SPLIT TYPE LOCKWASHER
19	91546-003	4	5/16-18 X 1-1/4 HEX HD BOLT
18	23296-112	2	LEAD WIRE ASSEMBLY
17	48024-003	5	INSULATION TUBE
16	40746-000	28	#8-32 X 5/16 BIND. HD. SCREW
15	41387-008	7	COPPER STRAP
14	53949-000	2	BRUSH ASSEMBLY ("Q" WINDING)
13	24981-000	12	BRUSH ASSEMBLY (A.C. OUTPUT)
12	53644-000	2	#10-24 X 3/8 SELF TAPPING SCREW
11	55007-001	1	END COVER ASSEMBLY
10	9549-000	1	1/2-20 HEX NUT
9	23404-000	1	FAN ASSEMBLY
8	97627-000	1	FLAT WASHER (.156" THICK)
7	97627-001	1	FLAT WASHER (.048" THICK)
6	59062-000	1	BEARING
5	64849-000	1	FIELD SHELL AND COILS ASSEMBLY
4	81589-000	.5 ML	LOCKITE NO. 242 LOCKING COMPOUND
3	64647-001	6	3/8-16 X 1 HEX SOCKET LOW HEAD BOLT
2	63861-000	2	DRIVE DISK
1	63802-001	1	ARMATURE AND DRIVE HUB ASSEMBLY

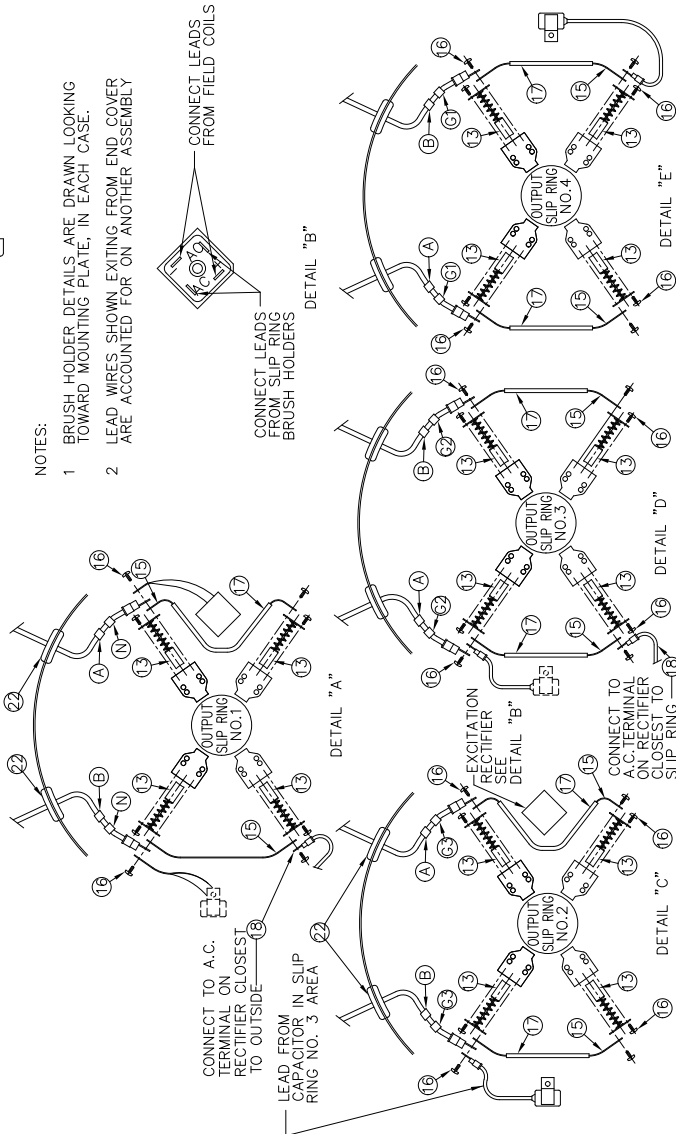
GENERATOR PARTS UNASSEMBLED

PSS20000-4/E & /F PSS20000-17/E & /F



NOTES:

- 1 BRUSH HOLDER DETAILS ARE DRAWN LOOKING TOWARD MOUNTING PLATE, IN EACH CASE.
- 2 LEAD WIRES SHOWN EXITING FROM END COVER ARE ACCOUNTED FOR ON ANOTHER ASSEMBLY

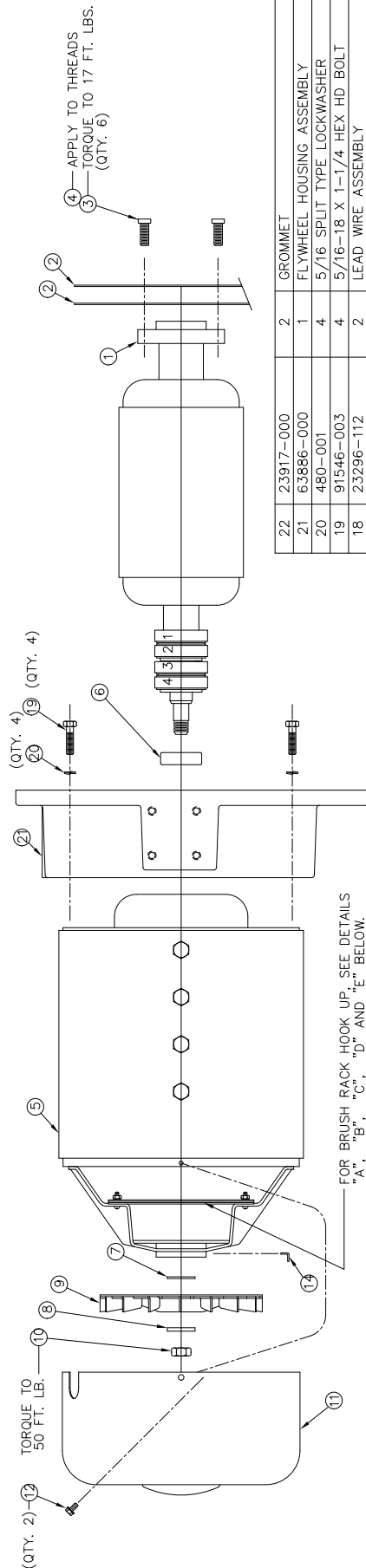


ITEM	PART NO	QUAN.	DESCRIPTION
22	23917-000	2	GROMMET
21	63886-000	1	FLYWHEEL HOUSING ASSEMBLY
20	480-001	4	5/16 SPLIT TYPE LOCKWASHER
19	91546-003	4	5/16-18 X 1-1/4 HEX HD BOLT
18	23296-112	2	LEAD WIRE ASSEMBLY
17	46024-003	7	INSULATION TUBE
16	40746-000	32	#8-32 X 5/16 BIND. HD. SCREW
15	41387-008	8	COPPER STRAP
14	50663-000	1	BEARING ANTI-ROTATION PIN
13	24981-000	16	BRUSH ASSEMBLY (A.C. OUTPUT)
12	53644-000	2	#10-24 X 3/8 SELF TAPPING SCREW
11	55007-001	1	END COVER ASSEMBLY
10	9549-000	1	1/2-20 HEX NUT
9	23404-000	1	FAN ASSEMBLY
8	97627-000	1	FLAT WASHER (.156" THICK)
7	97627-001	1	FLAT WASHER (.048" THICK)
6	59062-000	1	BEARING
5	63939-000	1	FIELD SHELL AND COILS ASSEMBLY
4	81589-000	.5 ML	LOCKTITE NO. 242 LOCKING COMPOUND
3	64647-001	6	3/8-16 X 1 HEX SOCKET LOW HEAD BOLT
2	63861-000	2	DRIVE DISK
1	SEE MODEL TABLE	1	ARMATURE AND DRIVE HUB ASSEMBLY

PART NUMBER	MODEL	ITEM (1) OF PARTS LIST
64644-001	PSS20000-4	63850-001
64644-002	PSS20000-17	63850-002

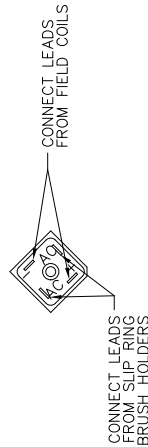
GENERATOR PARTS UNASSEMBLED

PSS20000-4/G & -17/G



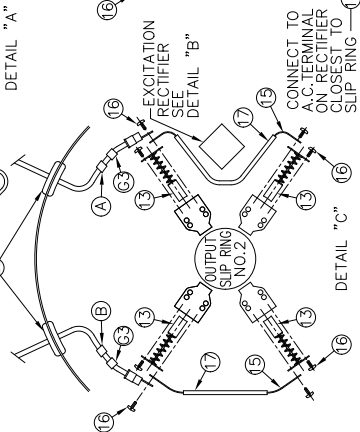
NOTES:

- BRUSH HOLDER DETAILS ARE DRAWN LOOKING TOWARD MOUNTING PLATE, IN EACH CASE.
- LEAD WIRES, SHOWN EXITING FROM END COVER ARE ACCOUNTED FOR ON ANOTHER ASSEMBLY

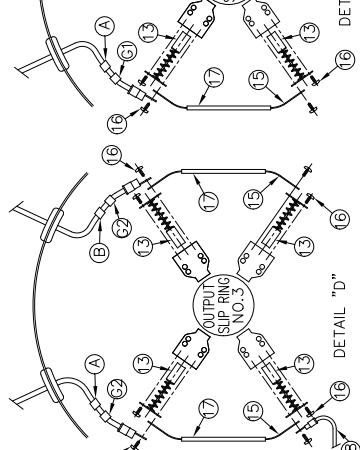


CONNECT TO A.C. TERMINAL ON RECTIFIER CLOSEST TO OUTSIDE

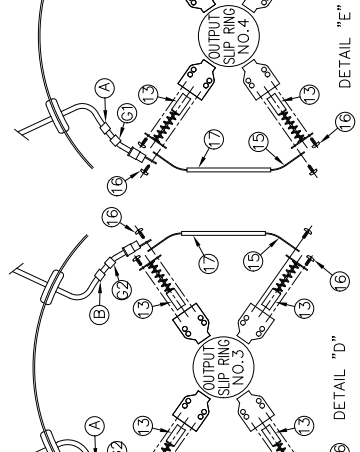
DETAIL "A"



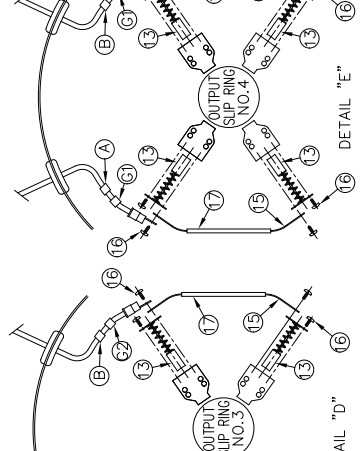
DETAIL "B"



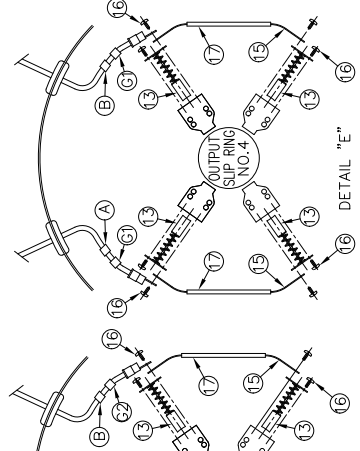
DETAIL "C"



DETAIL "D"



DETAIL "E"

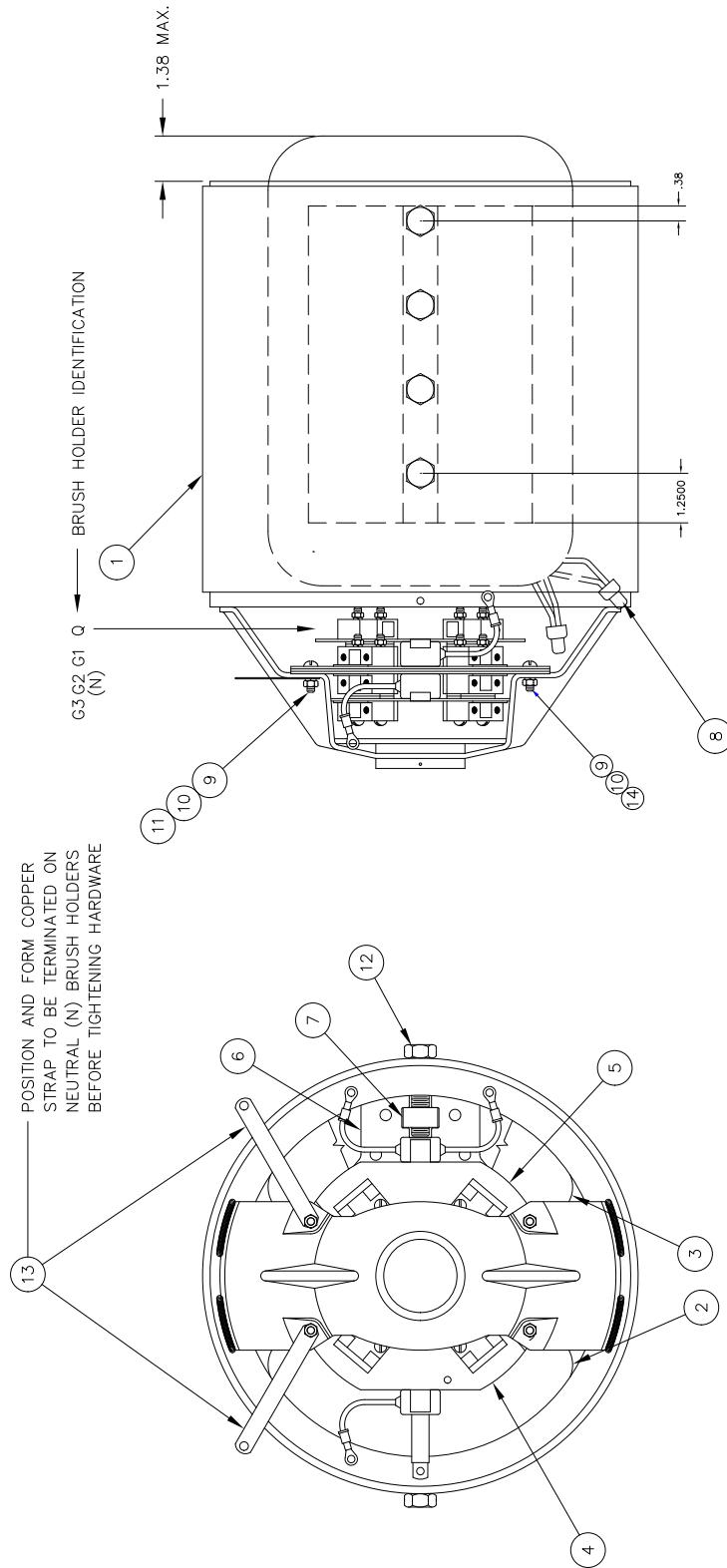


ITEM	PART NO	QUAN.	DESCRIPTION
22	23917-000	2	GROMMET
21	63886-000	1	FLYWHEEL HOUSING ASSEMBLY
20	480-001	4	5/16 SPLIT TYPE LOCKWASHER
19	91546-003	4	5/16-18 X 1-1/4 HEX HD BOLT
18	23296-112	2	LEAD WIRE ASSEMBLY
17	46024-003	7	INSULATION TUBE
16	40746-000	32	#8-32 X 5/16 BIND. HD. SCREW
15	41387-008	8	COPPER STRAP
14	59063-000	1	BEARING ANTI-ROTATION PIN
13	24981-000	16	BRUSH ASSEMBLY (A.C. OUTPUT)
12	53644-000	2	#10-24 X 3/8 SELF TAPPING SCREW
11	55007-001	1	END COVER ASSEMBLY
10	9549-000	1	1/2-20 HEX NUT
9	23404-000	1	FAN ASSEMBLY
8	97627-000	1	FLAT WASHER (.156" THICK)
7	97627-001	1	FLAT WASHER (.048" THICK)
6	59062-000	1	BEARING
5	63939-004	1	FIELD SHELL AND COILS ASSEMBLY
4	81589-000	.5 ML	LOCKTITE NO. 242 LOCKING COMPOUND
3	64647-001	6	3/8-16 X 1 HEX SOCKET LOW HEAD BOLT
2	63861-000	2	DRIVE DISK
1	SEE MODEL TABLE	1	ARMATURE AND DRIVE HUB ASSEMBLY

PART NUMBER	MODEL	ITEM (1) OF PARTS LIST
64644-004	PSS20000-4/G	63850-001
64644-005	PSS20000-17/G	63850-002

FIELD SHELL & COILS ASSEMBLY

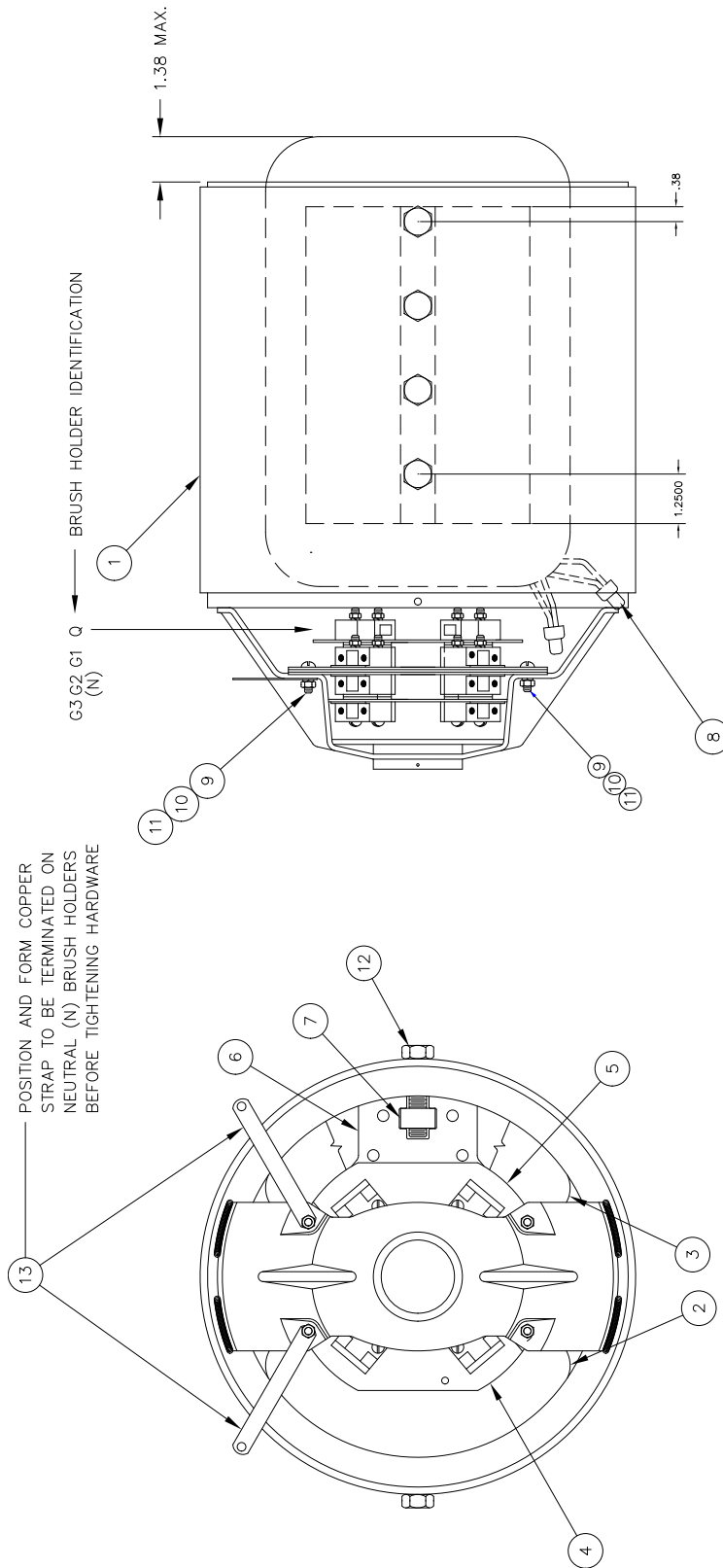
PSS20000-3/E & /F



ITEM	PART NO	QUAN.	DESCRIPTION
14	41387-008	2	COPPER STRAP
13	43781-000	8	7/16-20 X 1.75 HEX HD. BOLT
12	420-000	4	#10-24 X .75 RD. HD. SCREW
11	22423-000	4	#10 EXTERNAL LOCKWASHER
10	456-000	4	#10-24 HEXNUT
9	44791-000	2	CONNECTOR
8	63937-000	2	POLE SHOE RETAINER
7	43473-000	2	POLE SHOE ASSEMBLY
6	54242-001	1	BRUSH RACK ASSEMBLY
5	54242-000	1	BRUSH RACK ASSEMBLY
4	64787-001	1	FIELD COIL ASSEMBLY
3	64787-000	1	FIELD COIL ASSEMBLY
2	97288-000	1	FIELD SHELL AND BRACKET ASSEMBLY
1			

FIELD SHELL & COILS ASSEMBLY

PSS20000-3/G

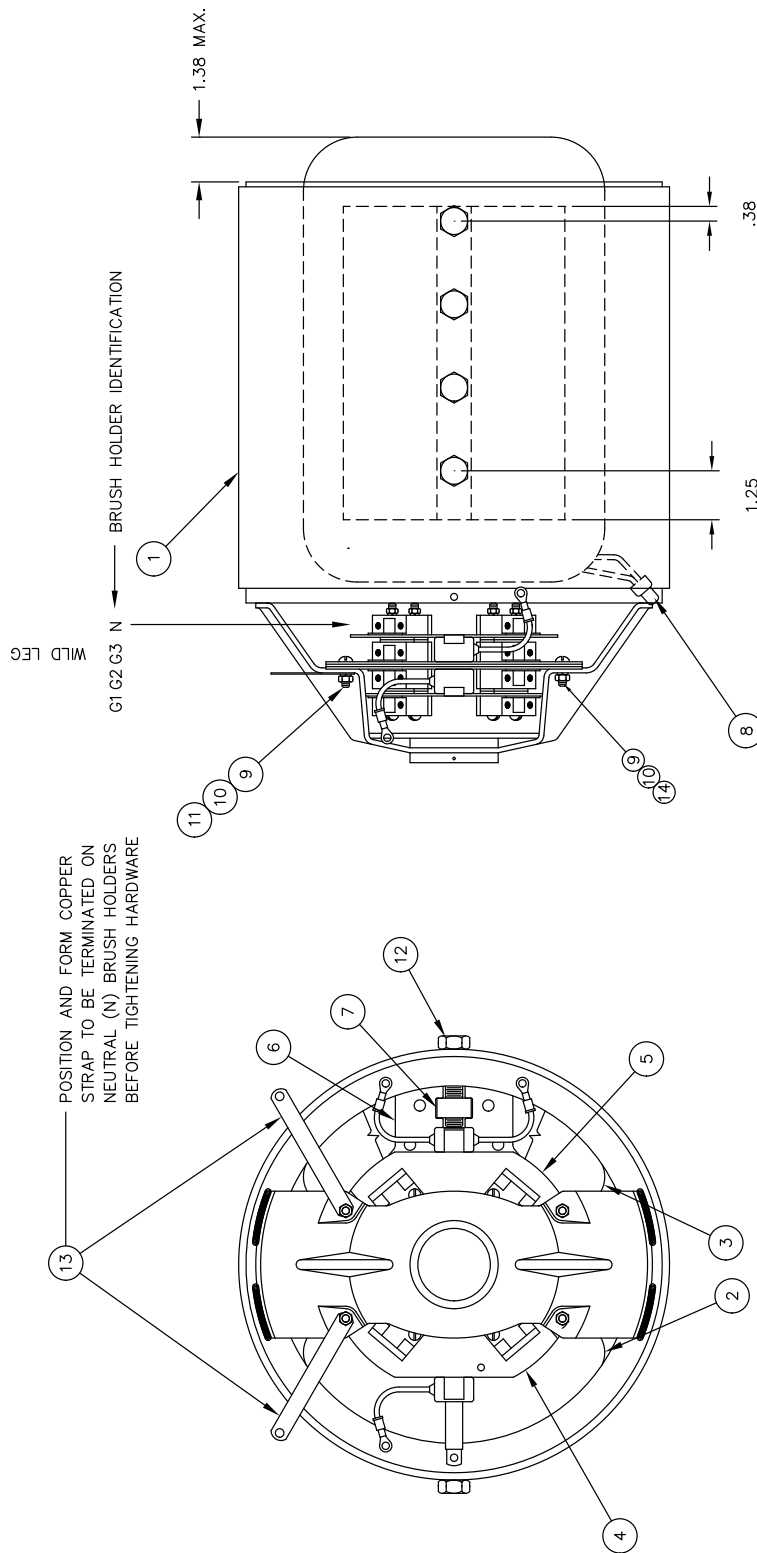


13	41387-008	2	COPPER STRAP
12	43781-000	8	7/16-20 X 1.75 HEX HD. BOLT
11	420-000	4	#10-24 X .75 RD. HD. SCREW
10	22423-000	4	#10 EXTERNAL LOCKWASHER
9	456-000	4	#10-24 HEXNUT
8	44791-000	2	CONNECTOR
7	63937-000	2	POLE SHOE RETAINER
6	43473-000	2	POLE SHOE ASSEMBLY
5	54242-003	1	BRUSH RACK ASSEMBLY
4	54242-002	1	BRUSH RACK ASSEMBLY
3	64787-001	1	FIELD COIL ASSEMBLY
2	64787-000	1	FIELD COIL ASSEMBLY
1	97288-000	1	FIELD SHELL AND BRACKET ASSEMBLY
ITEM	PART NO	QUAN.	DESCRIPTION

FIELD SHELL & COILS ASSEMBLY

PSS20000-4/E &/F

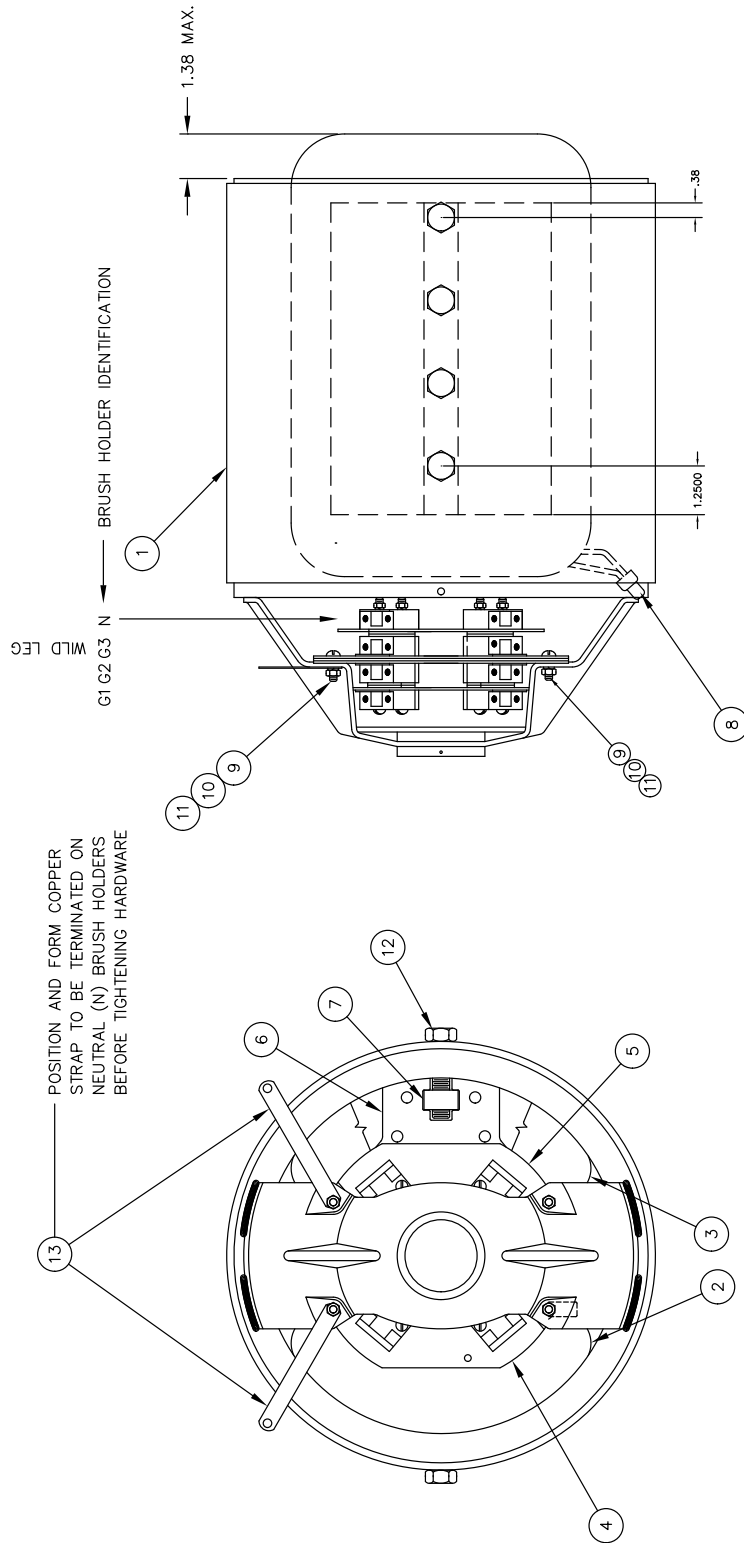
PSS20000-17/E &/F



ITEM	PART NO	QUAN.	DESCRIPTION
14			
13	41387-008	2	COPPER STRAP
12	43781-000	8	7/16-20 X 1.75 HEX HD. BOLT
11	420-000	4	#10-24 X .75 RD. HD. SCREW
10	22423-000	4	#10 EXTERNAL LOCKWASHER
9	456-000	4	#10-24 HEXNUT
8	44791-000	1	CONNECTOR
7	63937-000	2	POLE SHOE RETAINER
6	43473-000	2	POLE SHOE ASSEMBLY
5	63940-001	1	BRUSH RACK ASSEMBLY
4	63940-000	1	BRUSH RACK ASSEMBLY
3	63938-001	1	FIELD COIL ASSEMBLY
2	63938-000	1	FIELD COIL ASSEMBLY
1	97288-000	1	FIELD SHELL AND BRACKET ASSEMBLY

FIELD SHELL & COILS ASSEMBLY

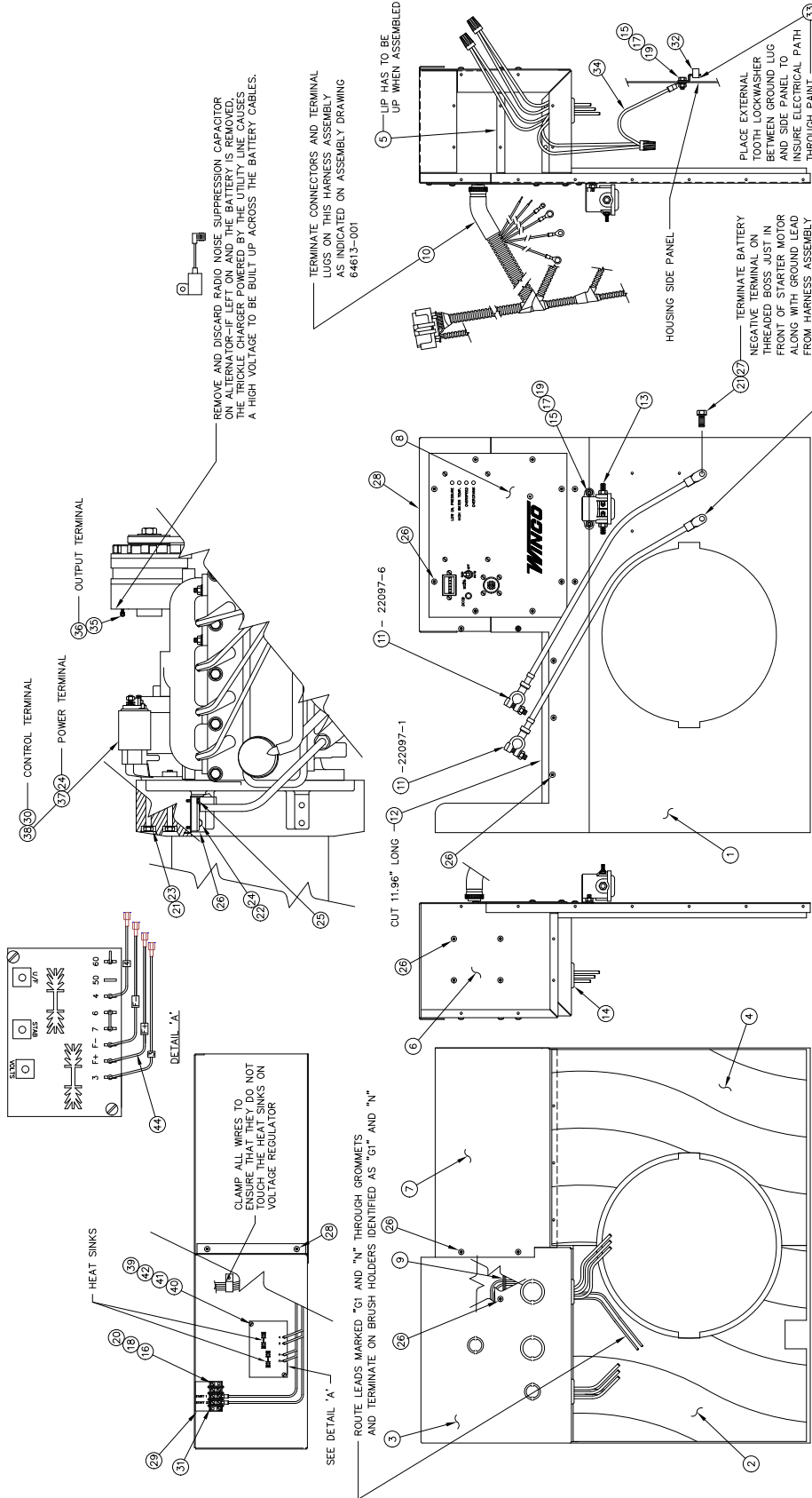
PSS20000-4/G PSS20000-17/G



13	41387-008	2	COPPER STRAP
12	43781-000	8	7/16-20 X 1.75 HEX HD. BOLT
11	420-000	4	#10-24 X .75 RD. HD. SCREW
10	22423-000	4	#10 EXTERNAL LOCKWASHER
9	456-000	4	#10-24 HEXNUT
8	44791-000	1	CONNECTOR
7	63937-000	2	POLE SHOE RETAINER
6	43473-000	2	POLE SHOE ASSEMBLY
5	63940-003	1	BRUSH RACK ASSEMBLY
4	63940-002	1	BRUSH RACK ASSEMBLY
3	63938-001	1	FIELD COIL ASSEMBLY
2	63938-000	1	FIELD COIL ASSEMBLY
1	97288-000	1	FIELD SHELL AND BRACKET ASSEMBLY
ITEM	PART NO	QUAN.	DESCRIPTION

ELECTRICAL CONTROLS

PSS20000-3/E, /F & /G

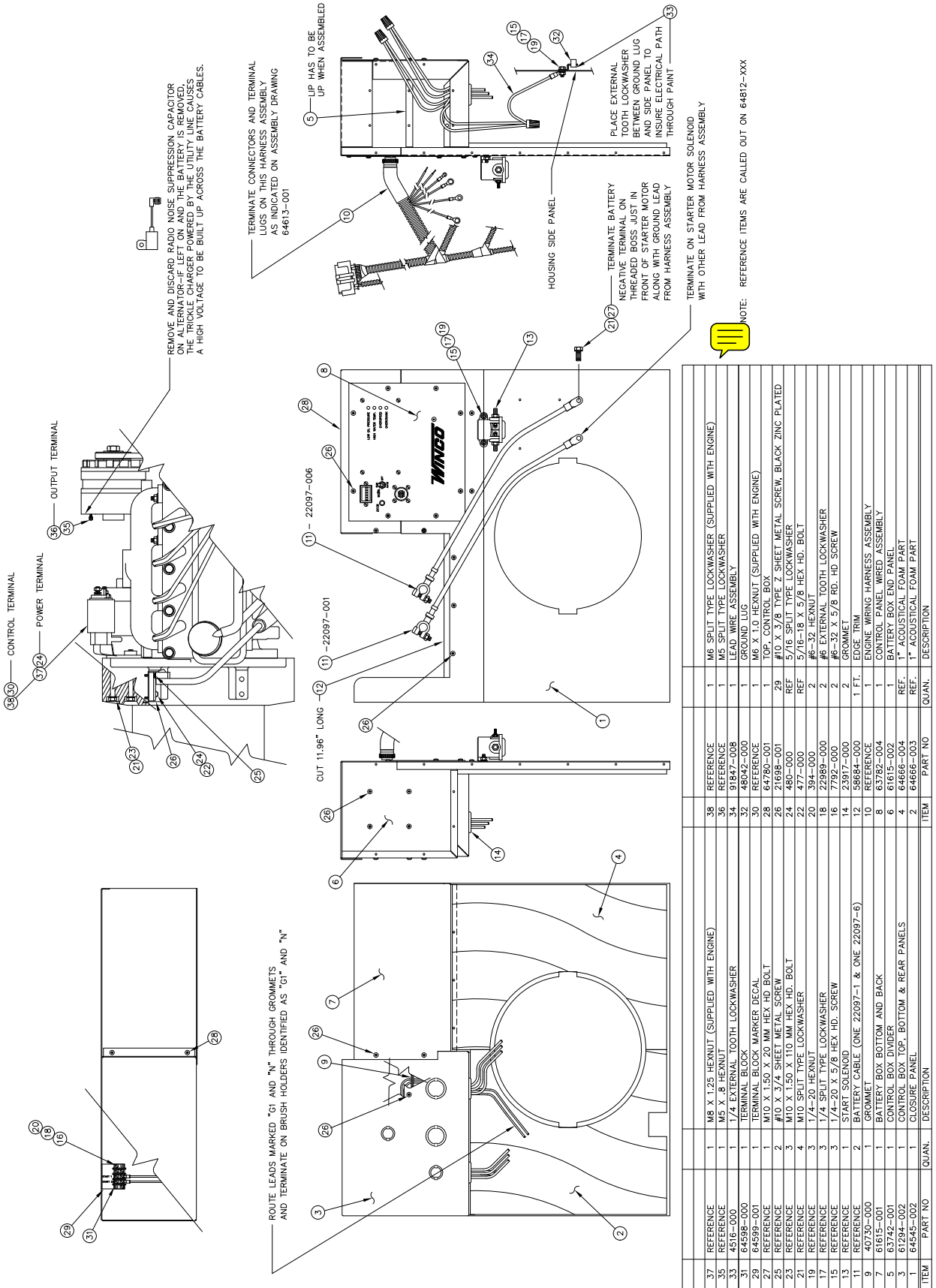


ITEM	PART NO	DESCRIPTION	QUAN.	PART NO	DESCRIPTION	QUAN.
43	48039-010	1 NYLON CLAMP	1	64850-001	1 POWER LEADS VOLTAGE REGULATOR	1
41	21976-000	3 EXTERNAL LOCKWASHER #8	42	5113-000	3 HEXNUT #8-32	3
39	94884-002	1 VOLTAGE REGULATOR	40	23599-000	3 RHMS #8-32X1	3
37	REFERENCE	1 M8 X 1.25 HEXNUT (SUPPLIED WITH ENGINE)	36	REFERENCE	1 M6 SPLIT TYPE LOCKWASHER (SUPPLIED WITH ENGINE)	1
35	REFERENCE	1 M5 X .8 HEXNUT	34	91847-008	1 LEAD WIRE ASSEMBLY	1
33	4516-000	1 1/4" EXTERNAL TOOTH LOCKWASHER	32	48042-000	1 GROUND LUG	1
31	64598-000	1 TERMINAL BLOCK	30	REFERENCE	1 M6 X 1.0 HEXNUT (SUPPLIED WITH ENGINE)	1
29	64598-001	1 TERMINAL BLOCK MARKER DECAL	28	64780-001	1 TOP CONTROL BOX	1
27	REFERENCE	1 M10 X 1.50 X 20 MM HEX HD BOLT	26	21698-001	29 #10 X 1/8" TYPE 2 SHEET METAL SCREW, BLACK ZINC PLATED	29
25	REFERENCE	2 M10 X 3/4" SHEET METAL SCREW	24	REFERENCE	3 5/16" SPLIT TYPE LOCKWASHER	3
23	REFERENCE	2 M10 X 1.50 X 20 MM HEX HD BOLT	22	REFERENCE	2 5/16" X 1/8" HEX HD. BOLT	2
21	REFERENCE	2 M10 X 1.50 X 20 MM HEX HD BOLT	20	394-000	2 #6-32 HEXNUT	2
19	REFERENCE	3 1/4" SPLIT TYPE LOCKWASHER	18	22989-000	2 #6 EXTERNAL TOOTH LOCKWASHER	2
17	REFERENCE	3 1/4" SPLIT TYPE LOCKWASHER	16	7792-000	2 #6-32 X 5/8" RD. HD SCREW	2
15	REFERENCE	3 1/4" SPLIT TYPE LOCKWASHER	14	23917-000	2 GROMMET	2
13	REFERENCE	2 BATTERY CABLE (ONE 22097-1 & ONE 22097-6)	12	56884-000	1 FT. EDGE TRIM	1
11	REFERENCE	1 GROMMET	10	REFERENCE	1 ENGINE WIRING HARNESS ASSEMBLY	1
9	40730-000	1 BATTERY BOX BOTTOM AND BACK	8	63782-004	1 CONTROL PANEL WIRE ASSEMBLY	1
7	61615-001	1 BATTERY BOX DIVIDER	6	61615-002	1 BATTERY BOX END PANEL	1
5	63742-002	1 CONTROL BOX TOP, BOTTOM & REAR PANELS	4	64666-003	REF. 1" ACOUSTICAL FOAM PART	REF.
3	61294-002	1 GROMMET	2	64666-003	REF. 1" ACOUSTICAL FOAM PART	REF.
1	64545-002	1 GROMMET	2	64666-003	REF. 1" ACOUSTICAL FOAM PART	REF.

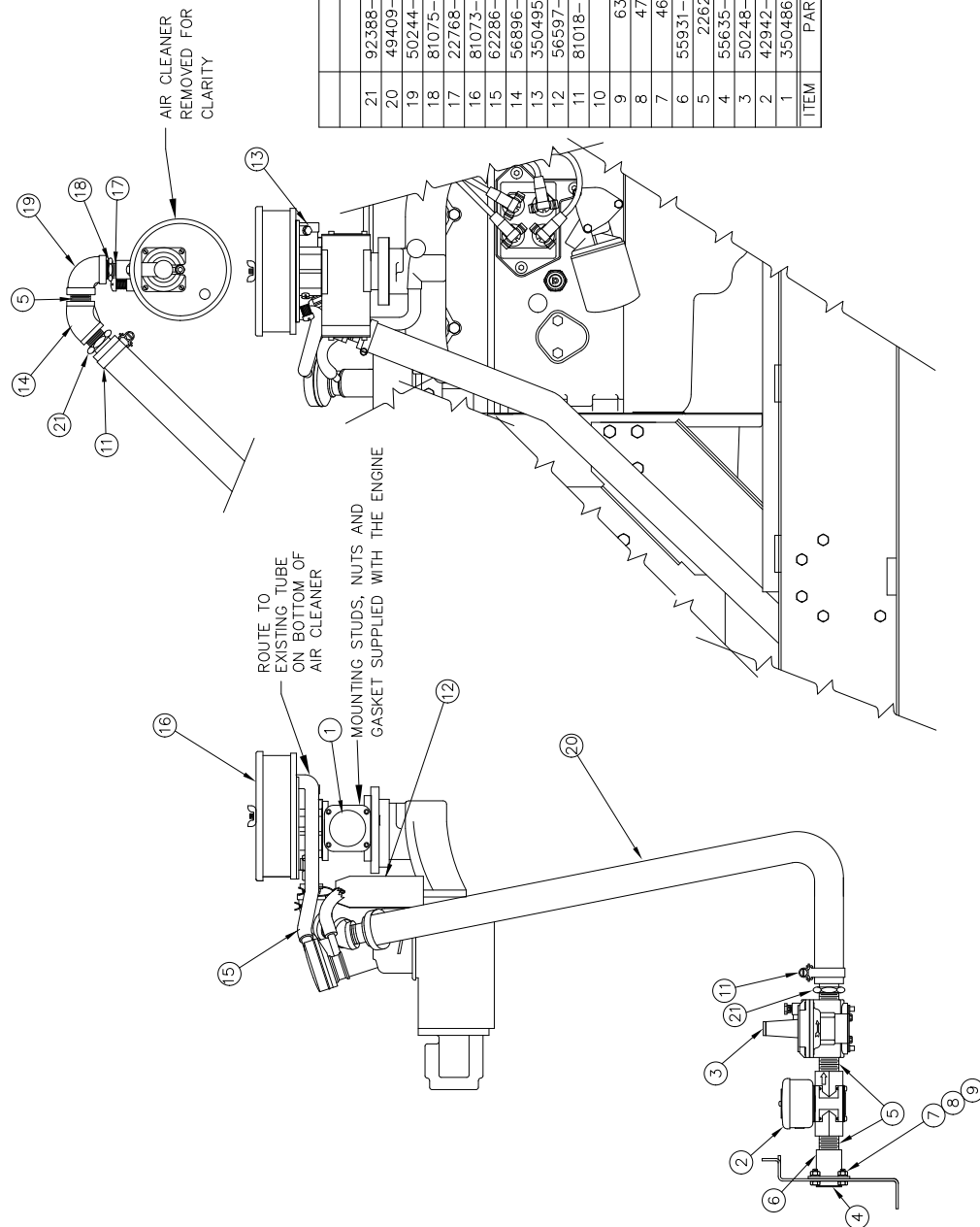
ELECTRICAL CONTROLS

PSS20000-4/E, /F, /G

PSS20000-17/E, /F, /G



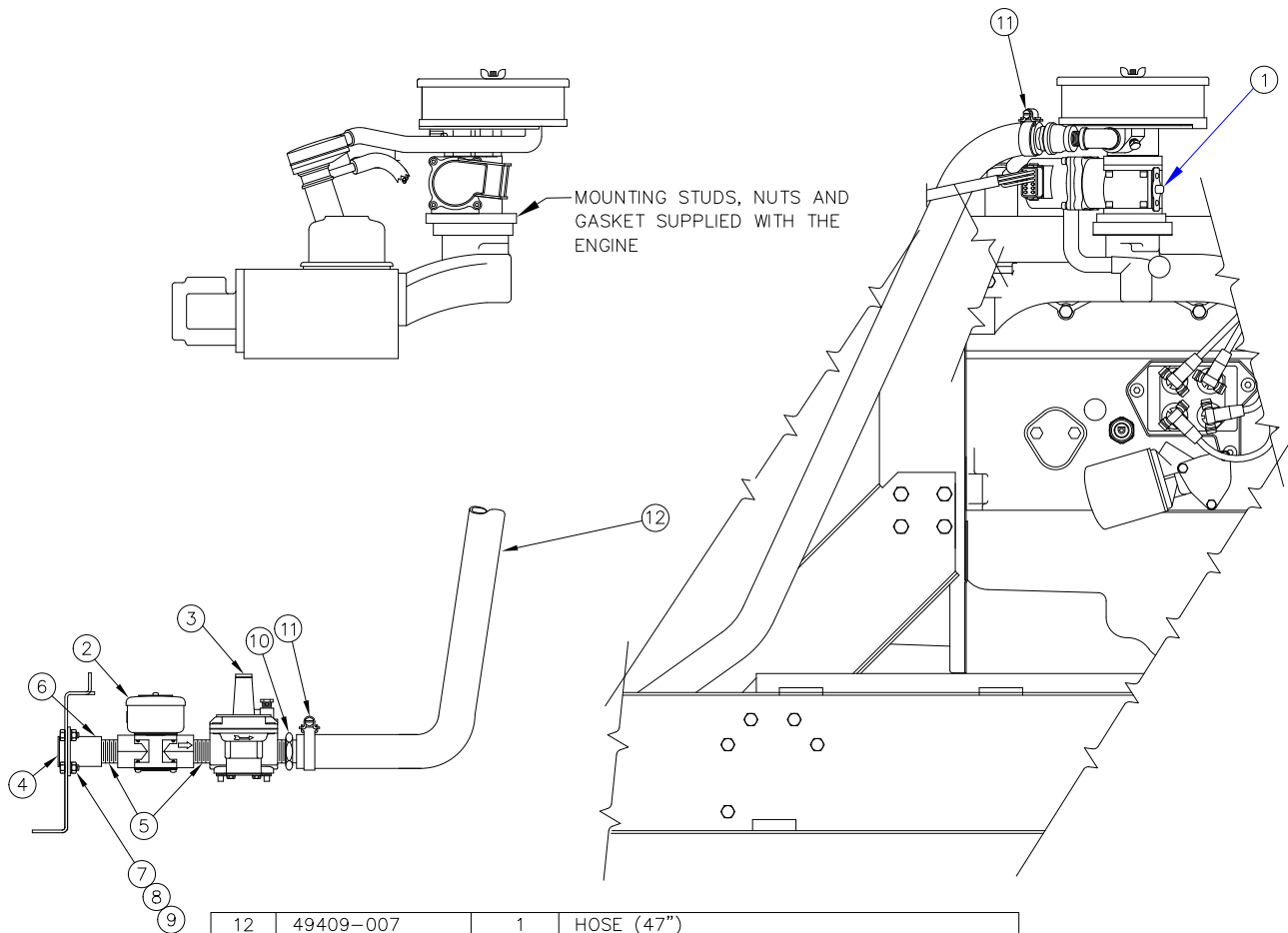
FUEL SYSTEM ASSEMBLY NG & LP (Vapor) PSS20000/E



ITEM	PART NO	QUAN.	DESCRIPTION
21	92388-004	2	FITTING 3/4" PIPE TO 1" HOSE
20	49409-007	1	HOSE (47")
19	50244-000	1	3/4" ELBOW
18	81075-000	1	3/4" TO 1/2" HEX REDUCER
17	22768-000	1	1/2 CLOSE NIPPLE
16	81073-000	1	AIR CLEANER
15	62286-000	1	1 FT HOSE
14	56896-000	1	45° 3/4" ELBOW
13	350495	1	MIXER GAS
12	56597-000	1	REGULATOR TAG
11	81018-004	2	HOSE CLAMP
10			
9	638-000	2	1/4-20 HEX NUT
8	479-000	2	1/4 SPLIT LOCKWASHER
7	466-000	2	1/4-20 X 3/4 HEX HD. BOLT
6	55931-000	1	BRACKET ASSEMBLY
5	22626-000	3	3/4" PIPE NIPPLE
4	55635-000	1	PLUG
3	50248-000	1	FUEL REGULATOR
2	42942-000	1	FUEL SOLENOID VALVE
1	350486	1	ACTUATOR, GOVERNOR

FUEL SYSTEM ASSEMBLY NG & LP (Vapor)

PSS20000-3/F, -4/E, -17/E



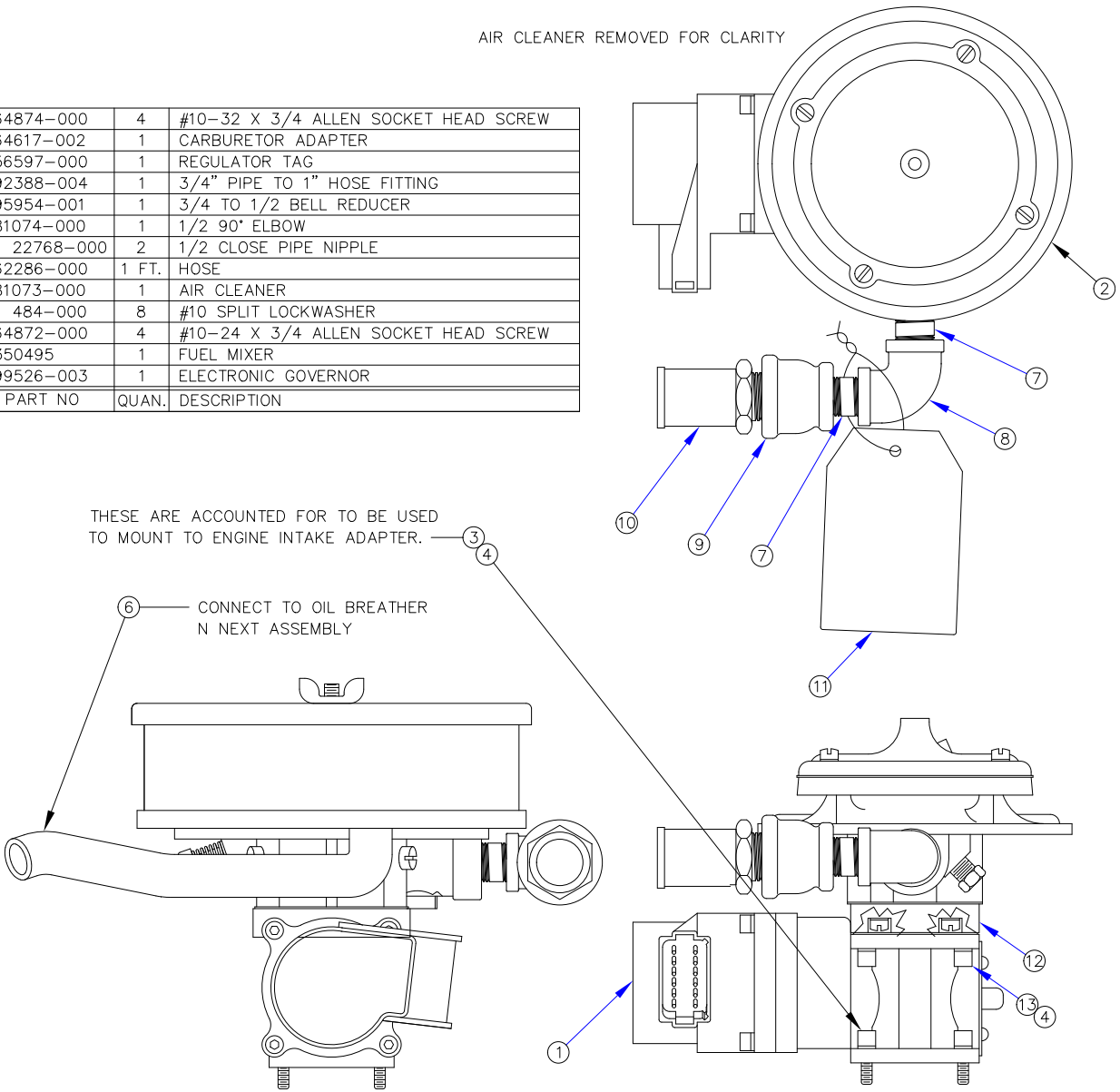
12	49409-007	1	HOSE (47")
11	81018-004	2	HOSE CLAMP
10	92388-004	1	FITTING 3/4" PIPE TO 1" HOSE
9	638-000	2	1/4-20 HEX NUT
8	479-000	2	1/4 SPLIT LOCKWASHER
7	466-000	2	1/4-20 X 3/4 HEX HD. BOLT
6	55931-000	1	BRACKET ASSEMBLY
5	22626-000	2	3/4" PIPE NIPPLE
4	55635-000	1	PLUG
3	50248-000	1	FUEL REGULATOR
2	42942-000	1	FUEL SOLENOID VALVE
1	64870-000	1	ELECTRONIC GOVERNOR & FUEL MIXER ASS'Y
ITEM	PART NO	QUAN.	DESCRIPTION

ELECTRONIC GOVERNOR & FUEL MIXER ASSEMBLY

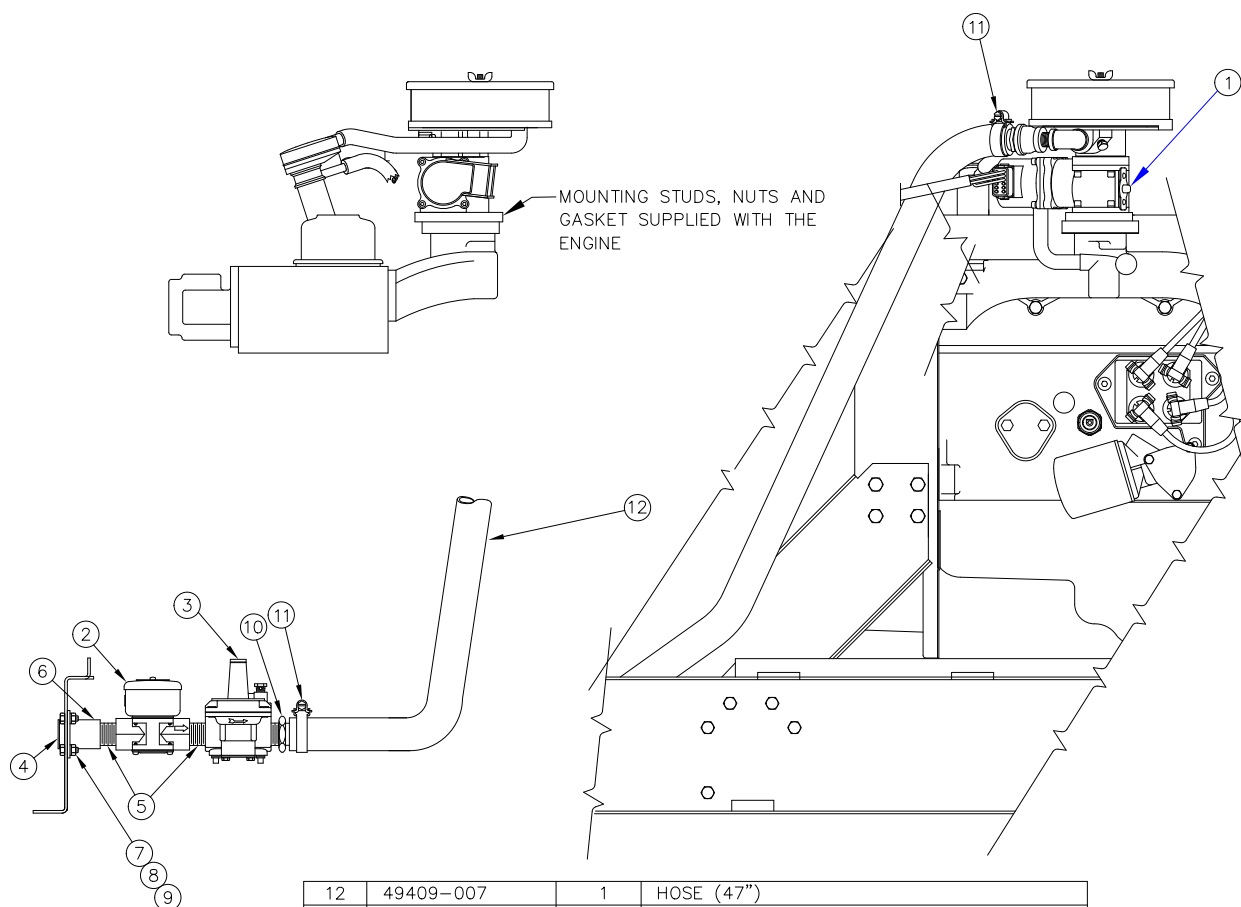
PSS20000-3/F, -4/E, -17/E

AIR CLEANER REMOVED FOR CLARITY

13	64874-000	4	#10-32 X 3/4 ALLEN SOCKET HEAD SCREW
12	64617-002	1	CARBURETOR ADAPTER
11	56597-000	1	REGULATOR TAG
10	92388-004	1	3/4" PIPE TO 1" HOSE FITTING
9	95954-001	1	3/4 TO 1/2 BELL REDUCER
8	81074-000	1	1/2 90° ELBOW
7	22768-000	2	1/2 CLOSE PIPE NIPPLE
6	62286-000	1 FT.	HOSE
5	81073-000	1	AIR CLEANER
4	484-000	8	#10 SPLIT LOCKWASHER
3	64872-000	4	#10-24 X 3/4 ALLEN SOCKET HEAD SCREW
2	350495	1	FUEL MIXER
1	99526-003	1	ELECTRONIC GOVERNOR
ITEM	PART NO	QUAN.	DESCRIPTION



FUEL SYSTEM ASSEMBLY NG & LP (Vapor) PSS20000/G



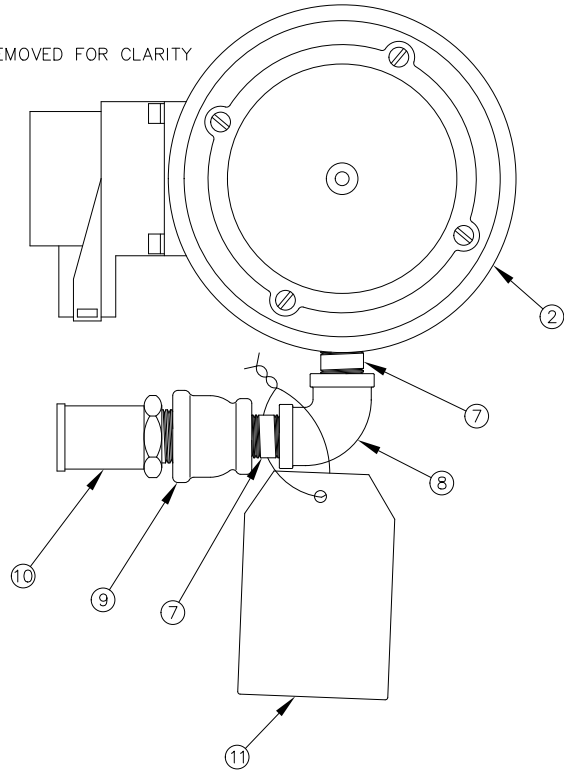
12	49409-007	1	HOSE (47")
11	81018-004	2	HOSE CLAMP
10	92388-004	1	FITTING 3/4" PIPE TO 1" HOSE
9	638-000	2	1/4-20 HEX NUT
8	479-000	2	1/4 SPLIT LOCKWASHER
7	466-000	2	1/4-20 X 3/4 HEX HD. BOLT
6	55931-000	1	BRACKET ASSEMBLY
5	22626-000	2	3/4" PIPE NIPPLE
4	55635-000	1	PLUG
3	50248-000	1	FUEL REGULATOR
2	42942-000	1	FUEL SOLENOID VALVE
1	64870-000 REV 4	1	ELECTRONIC GOVERNOR & FUEL MIXER ASS'Y
ITEM	PART NO	QUAN.	DESCRIPTION

ELECTRONIC GOVERNOR & FUEL MIXER ASSEMBLY

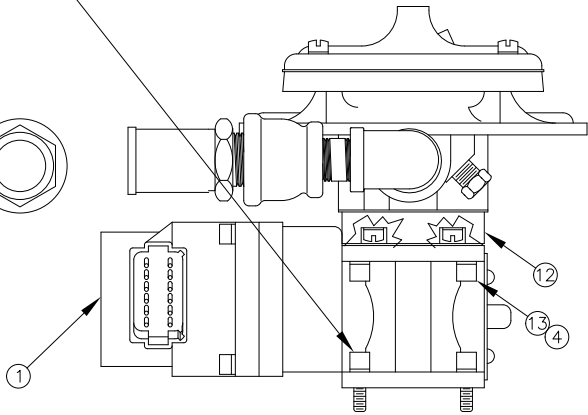
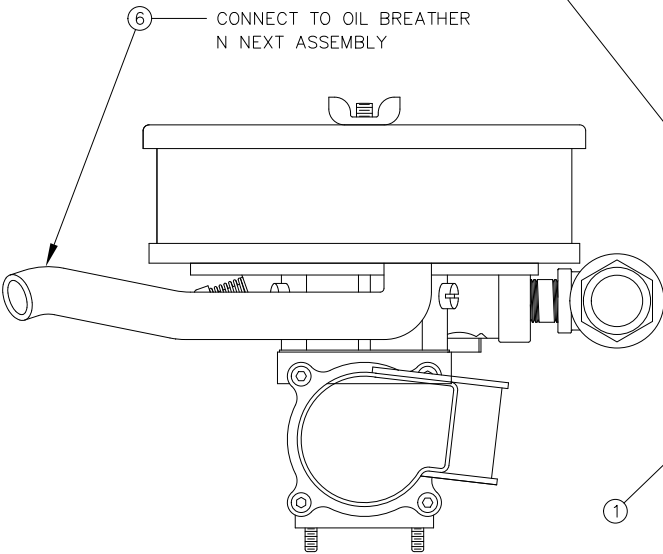
PSS20000-3/G

13	64874-000	4	#10-32 X 3/4 ALLEN SOCKET HEAD SCREW
12	64617-002	1	CARBURETOR ADAPTER
11	56597-000	1	REGULATOR TAG
10	92388-004	1	3/4" PIPE TO 1" HOSE FITTING
9	95954-001	1	3/4 TO 1/2 BELL REDUCER
8	81074-000	1	1/2 90° ELBOW
7	22768-000	2	1/2 CLOSE PIPE NIPPLE
6	62286-000	1 FT.	HOSE
5	81073-000	1	AIR CLEANER
4	484-000	8	#10 SPLIT LOCKWASHER
3	64872-000	4	#10-24 X 3/4 ALLEN SOCKET HEAD SCREW
2	350495-1	1	FUEL MIXER
1	99526-004	1	ELECTRONIC GOVERNOR
ITEM	PART NO	QUAN.	DESCRIPTION

AIR CLEANER REMOVED FOR CLARITY



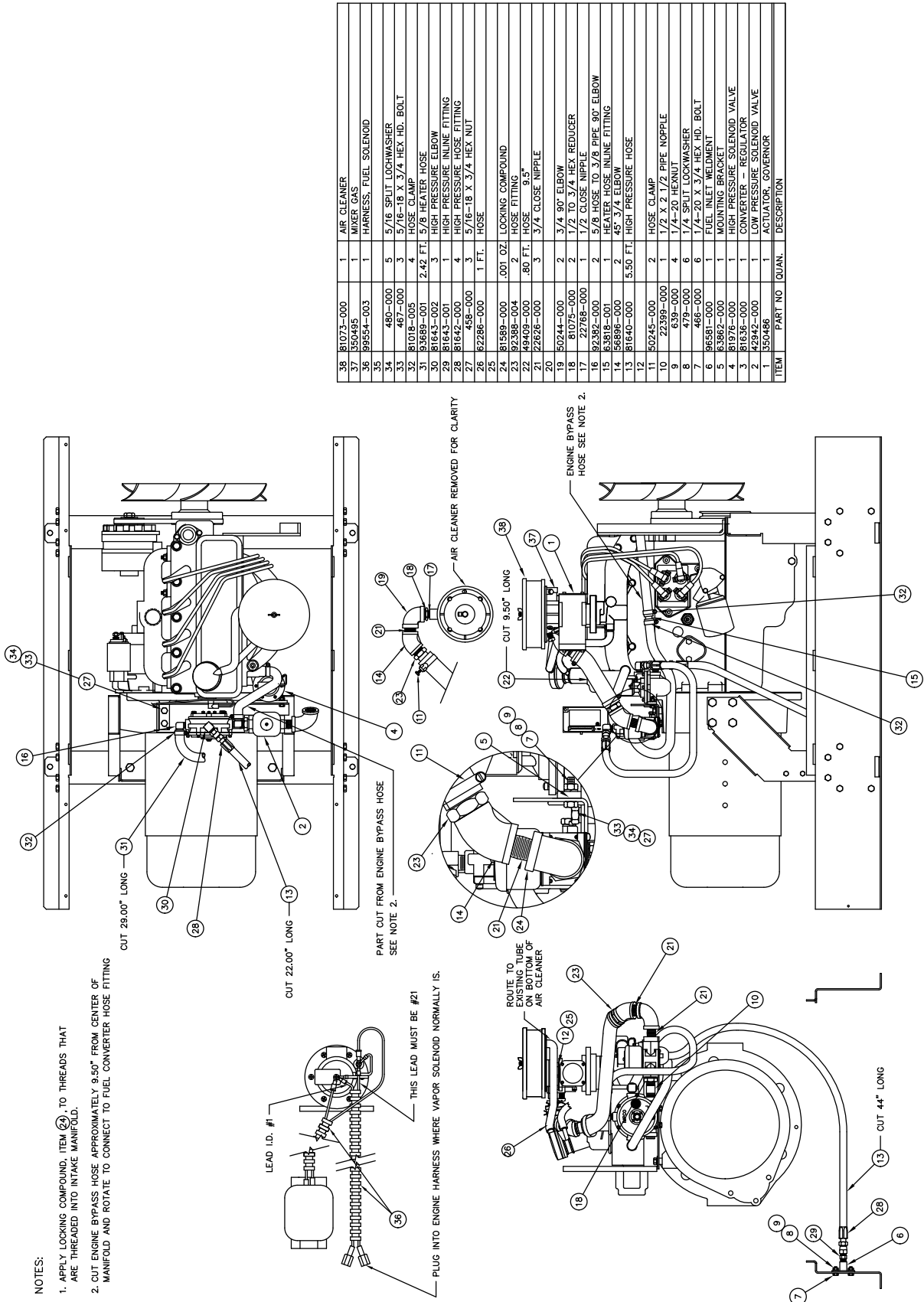
THESE ARE ACCOUNTED FOR TO BE USED TO MOUNT TO ENGINE INTAKE ADAPTER.



64870-000 REV 4

FUEL SYSTEM ASSEMBLY

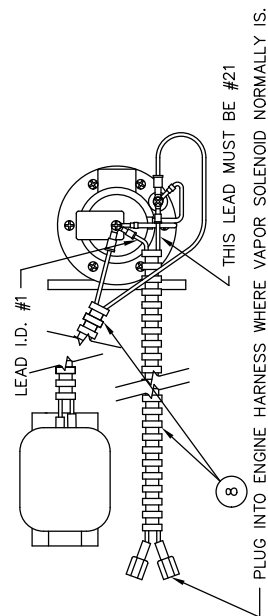
LP (Liquid Withdrawal) PSS20000-3/E



ITEM	PART NO	QTY	DESCRIPTION
38	81073-000	1	AIR CLEANER
37	350495	1	MIXER GAS
36	99554-003	1	HARNISS. FUEL SOLENOID
35	480-000	5	5/16 SPLIT LOCKWASHER
34	487-000	3	5/16-18 X 3/4 HEX HD. BOLT
33	81018-005	4	HOSE CLAMP
32	81018-001	2.42 FT.	5/8 HEATER HOSE
31	93689-001	3	HIGH PRESSURE ELBOW
30	81643-002	1	HIGH PRESSURE INLINE FITTING
29	81643-001	4	HIGH PRESSURE HOSE FITTING
28	81642-000	3	5/16-18 X 3/4 HEX NUT
27	458-000	1 FT.	HOSE
26	82286-000	1 FT.	HOSE
25	81589-000	.001 OZ.	LOCKING COMPOUND
24	92388-004	2	HOSE FITTING
23	49409-000	.80 FT.	HOSE 9.5"
22	22626-000	3	3/4 CLOSE NIPPLE
21	50244-000	2	3/4 90° ELBOW
20	81075-000	2	1/2 TO 3/4 HEX REDUCER
19	22768-000	1	1/2 CLOSE NIPPLE
18	92382-000	2	5/8 HOSE TO 3/8 PIPE 90° ELBOW
17	83818-001	1	HEATER HOSE INLINE FITTING
16	56896-000	2	45° 3/4 ELBOW
15	81640-000	5.50 FT.	HIGH PRESSURE HOSE
14	50245-000	2	HOSE CLAMP
13	22399-000	1	1/2 X 2 1/2 PIPE NIPPLE
12	639-000	4	1/4-20 HEXNUT
11	479-000	6	1/4 SPLIT LOCKWASHER
10	486-000	6	1/4-20 X 3/4 HEX HD. BOLT
9	96581-000	1	FUEL INLET WELDMENT
8	83862-000	1	MOUNTING BRACKET
7	81636-000	1	CONVERTER SOLENOID VALVE
6	42942-000	1	LOW PRESSURE SOLENOID VALVE
5	350486	1	ACTUATOR GOVERNOR

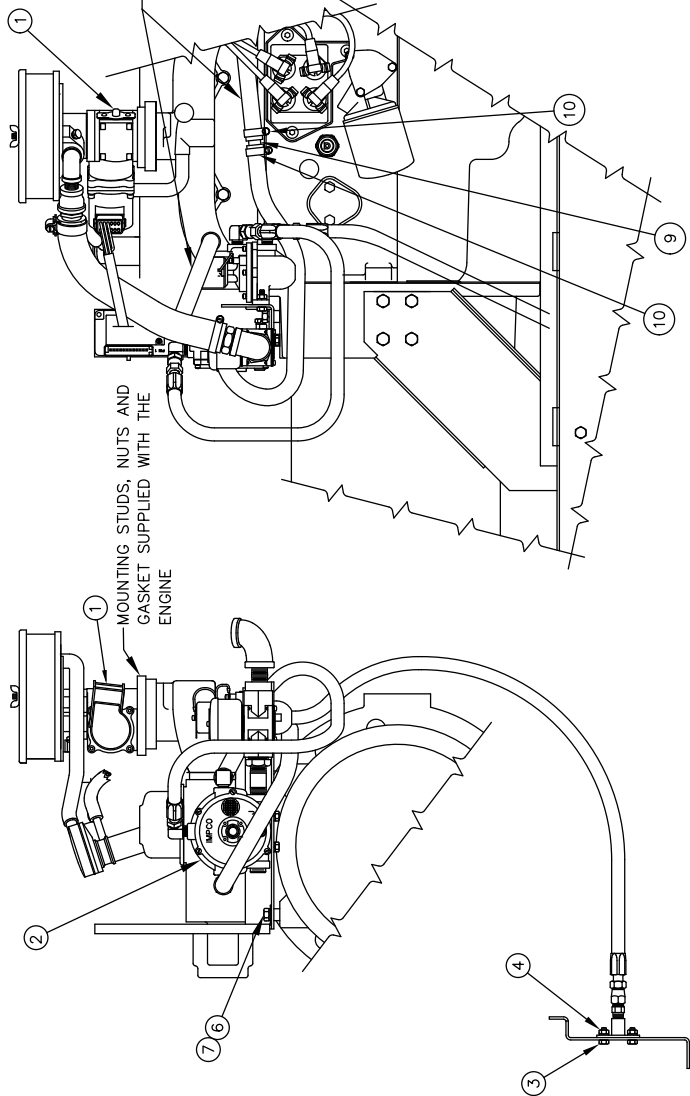
FUEL SYSTEM ASSEMBLY

LP (Liquid Withdrawal) PSS20000-3/F,
PSS20000-4/E, PSS20000-17/E



NOTES:

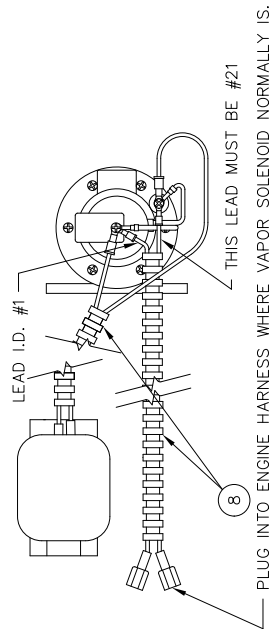
1. APPLY LOCKING COMPOUND, ITEM (5), TO THREADS THAT ARE THREADED INTO INTAKE MANIFOLD.
2. CUT ENGINE BYPASS HOSE APPROXIMATELY 9.50" FROM CENTER OF MANIFOLD AND ROTATE TO CONNECT TO FUEL CONVERTER HOSE FITTING



ITEM	PART NO	QUAN.	DESCRIPTION
10	81018-005	2	HOSE CLAMP
9	63818-001	1	HEATER HOSE INLINE FITTING
8	99554-003	1	HARNESS. FUEL SOLENOID
7	480-000	3	5/16 SPLIT LOCKWASHER
6	467-000	3	5/16-18 X 3/4 HEX HD. BOLT
5	81589-000	.001 OZ.	LOCKING COMPOUND
4	16248-000	4	1/4-20 HEX FLANGENUT
3	466-000	4	1/4-20 X 3/4 HEX HD. BOLT
2	64871-000	1	LIQUID WITHDRAWAL REGULATOR ASSEMBLY
1	64870-000	1	ELECTRONIC GOVERNOR & FUEL MIXER ASSEMBLY

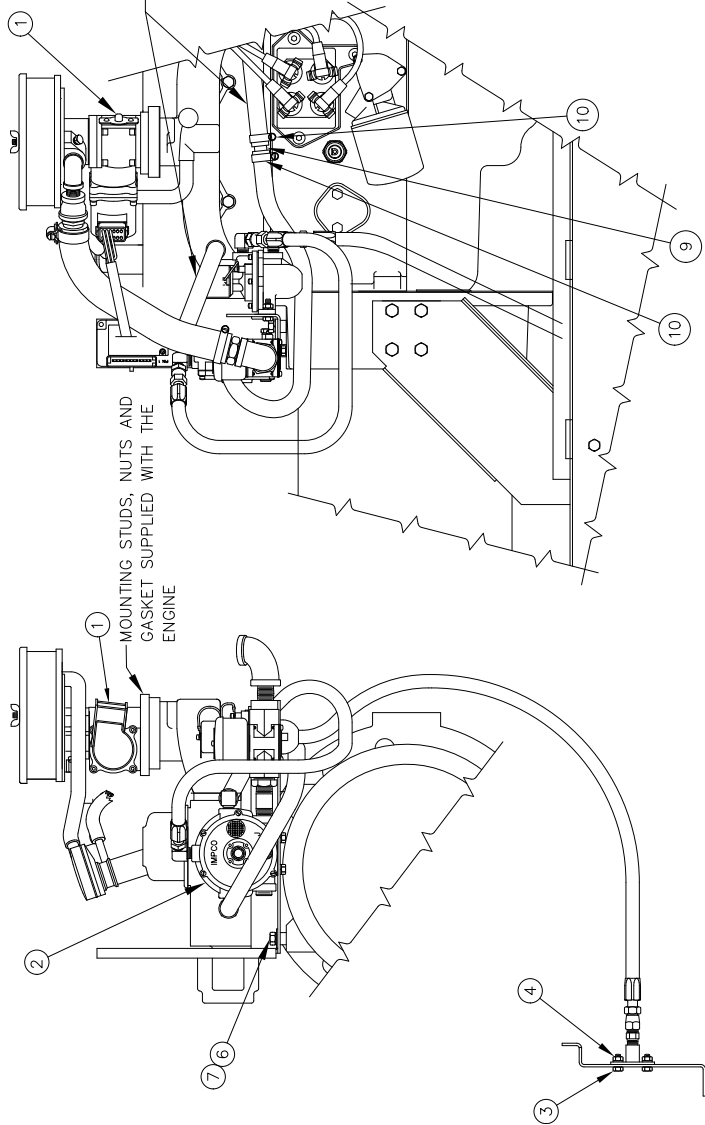
FUEL SYSTEM ASSEMBLY

LP (Liquid Withdrawal) PSS20000/G



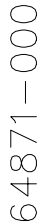
NOTES:

1. APPLY LOCKING COMPOUND, ITEM (5), TO THREADS THAT ARE INSTALLED INTO INTAKE MANIFOLD.
2. CUT ENGINE BYPASS HOSE APPROXIMATELY 9.50" FROM CENTER OF MANIFOLD AND ROTATE TO CONNECT TO FUEL CONVERTER HOSE FITTING



ITEM	PART NO	QUAN.	DESCRIPTION
10	81018-005	2	HOSE CLAMP
9	63818-001	1	HEATER HOSE INLINE FITTING
8	99554-003	1	HARNESS, FUEL SOLENOID
7	480-000	3	5/16 SPLIT LOCKWASHER
6	467-000	3	5/16-18 X 3/4 HEX HD. BOLT
5	81589-000	.001 OZ.	LOCKING COMPOUND
4	16248-000	4	1/4-20 HEX FLANGENUT
3	466-000	4	1/4-20 X 3/4 HEX HD. BOLT
2	64871-000	1	LIQUID WITHDRAWAL REGULATOR ASSEMBLY
1	64870-000	1	ELECTRONIC GOVERNOR & FUEL MIXER ASSEMBLY

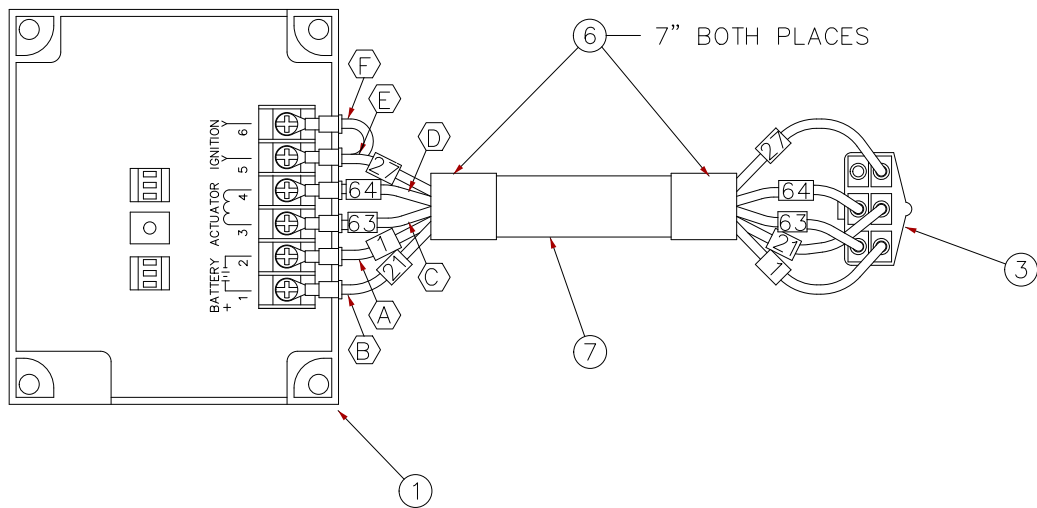
REGULATOR ASSEMBLY

DESCRIPTION

MODIFIED GOVERNOR CONTROL

PSS20000-3/E

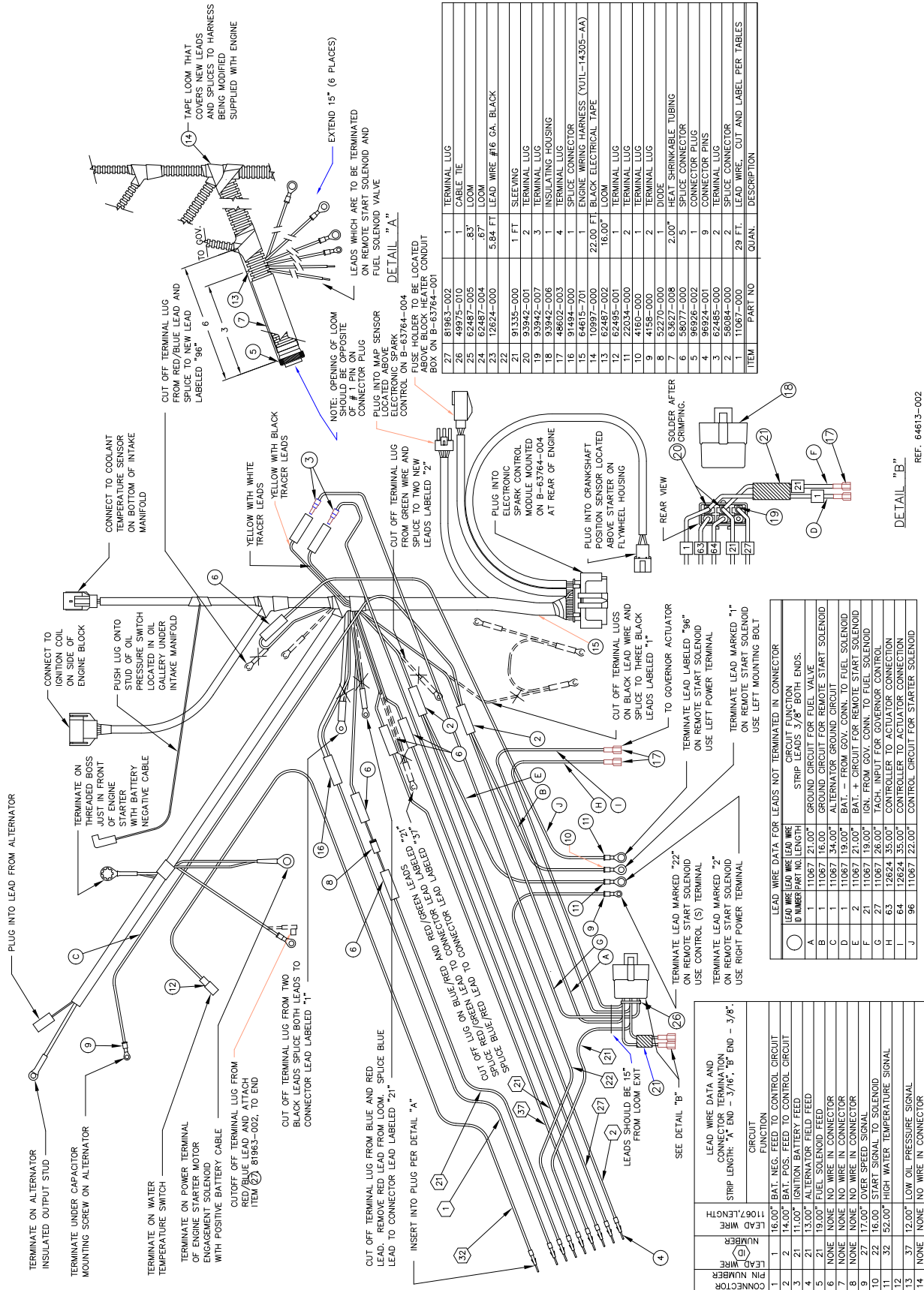
LEAD WIRE TABLE								
ITEM (*)	LEAD WIRE			"A" END		"B" END		REMARKS
	PART NO.	LENGTH	ID	TERM. LUG	STRIP	TERM. LUG	STRIP	
A	11067-000	6"	1	22370-025	3/8	93943-007	3/16	
B	11067-000	6"	21	22370-025	3/8	93943-007	3/16	
C	11067-000	6"	63	22370-025	3/8	93943-007	3/16	
D	11067-000	6"	64	22370-025	3/8	93943-007	3/16	
E	11067-000	6"	27	22370-025	3/8	93943-007	3/16	
F	11067-000	2"	-	22370-025	3/8	22370-025	3/8	



7	62487-004	.34 FT	LOOM	4"
6	4952-000	1.17FT	FRICITION TAPE	(7" 2 PLACES)
5	11067-000	2.7FT	LEADWIRE	18 GA
4	22370-025	7	LUG	
3	93943-006	1	HOUSING	
2	93943-007	5	TERMINAL	
1	99525-000	1	CONTROL, ELECTRONIC GOVERNOR	
ITEM	PART NO	QUAN.	DESCRIPTION	

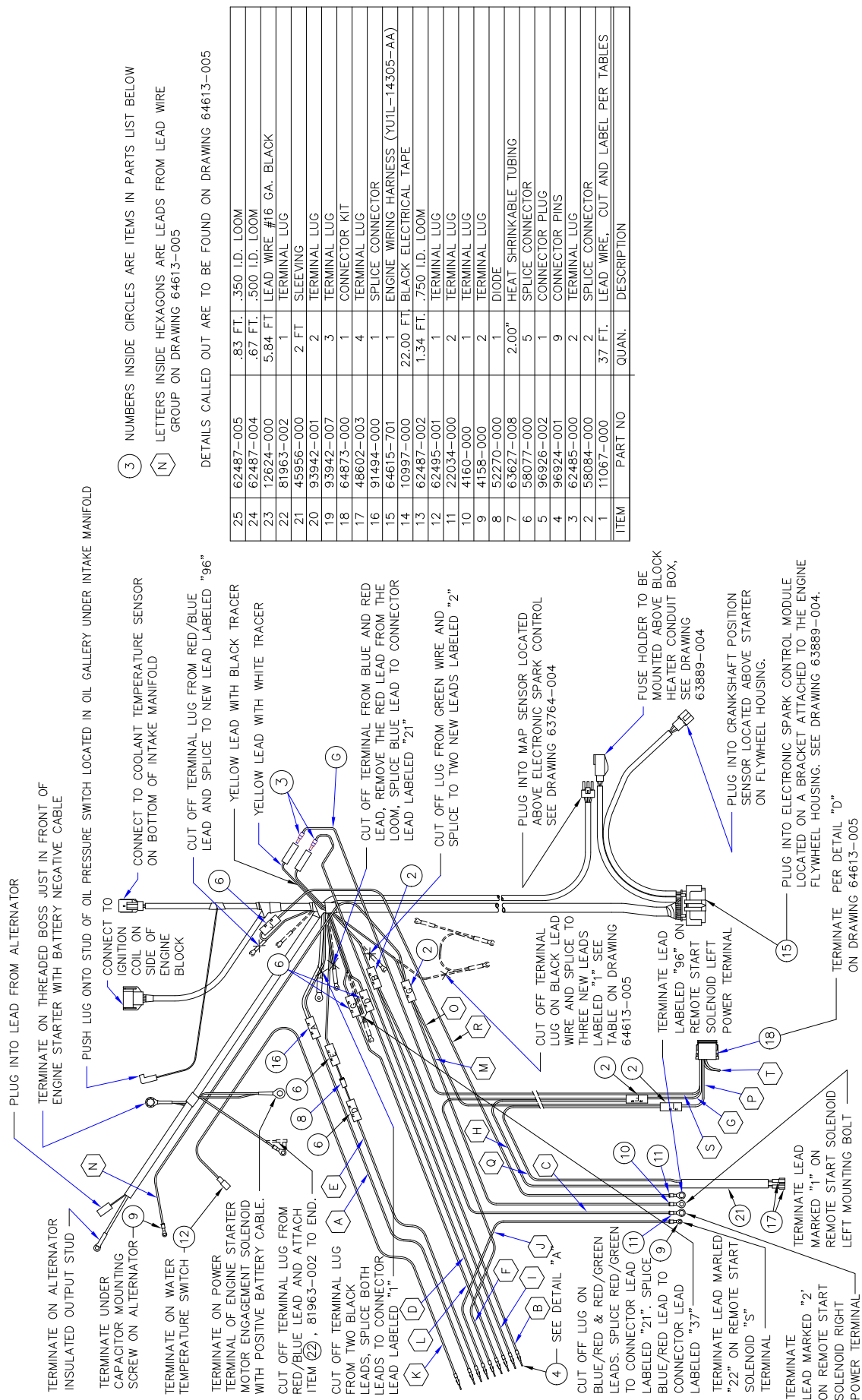
ENGINE WIRING HARNESS

PSS20000/E

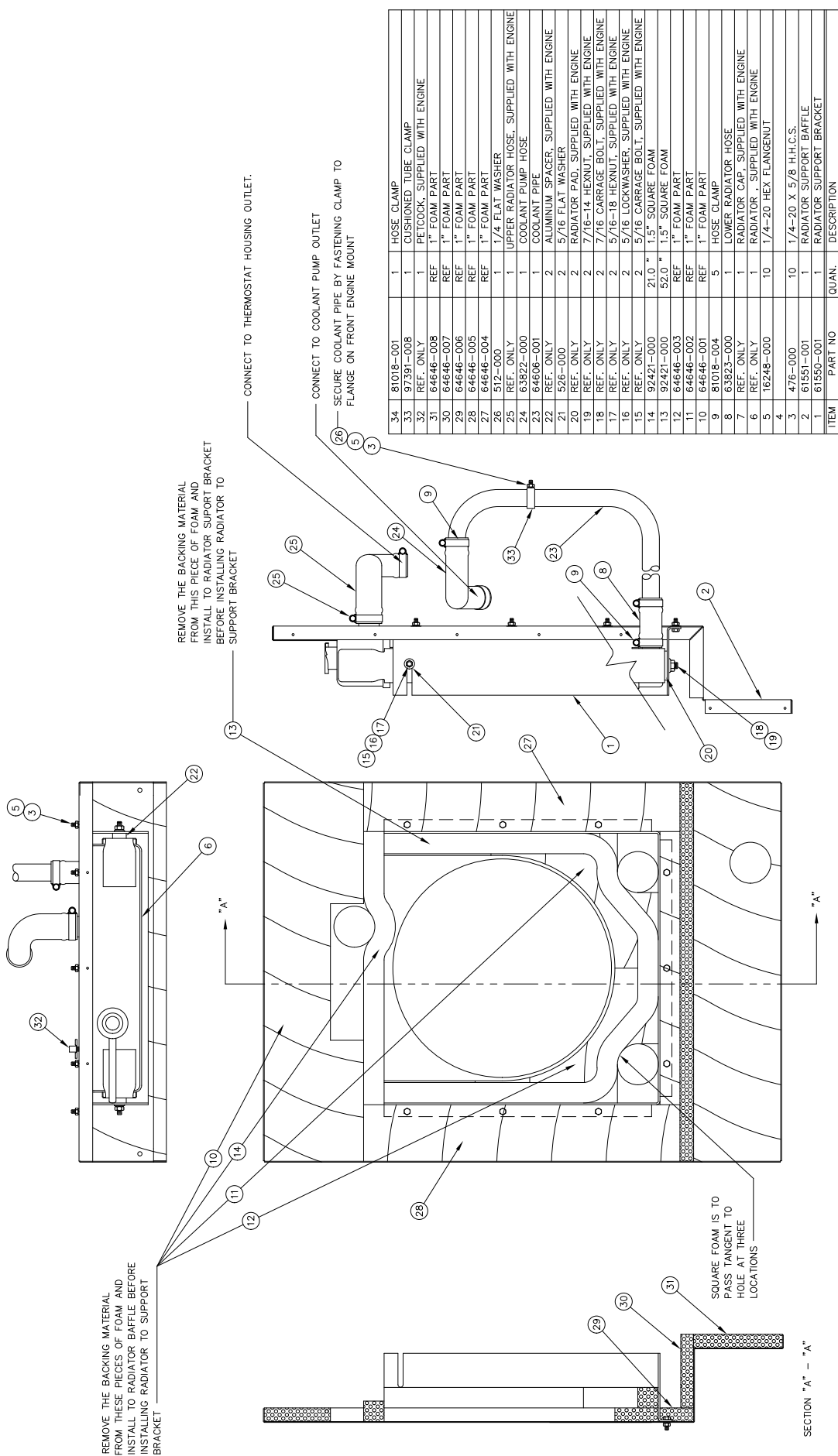


ENGINE WIRING HARNESS

PSS20000/F & /G



RADIATOR & SUPPORT ASSEMBLY



THIS VIEW IS DRAWN WITHOUT RADIATOR TO SHOW FOAM INSTALLATION

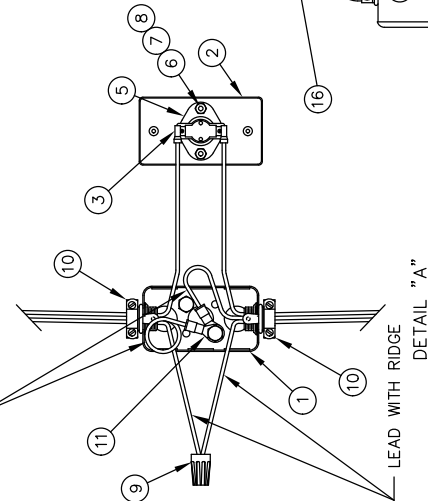
NOTE:
IT IS IMPORTANT THAT THE RADIATOR BE PRESSED TIGHTLY AGAINST THE FOAM TO PREVENT RADIATOR DISCHARGE AIR FROM RECIRCULATING BACK INTO THE ENGINE COMPARTMENT THROUGH HOLES, ANY HOLES THAT SHOULD DEVELOP DUE TO MATERIAL SHRINKAGE SHOULD BE FILLED WITH FOAM SCRAPS



ENGINE HEATER INSTALLATION

REMOVE FREEZE PLUG AND INSTALL ENGINE HEATER WITH ELEMENT ROTATED SO THAT IT DOES NOT TOUCH CASTING ON INSIDE, APPROX. 4:30 TO 6:00 O-CLOCK AS VIEWED FROM REAR OF ENGINE

LEAD CONNECTED TO GROUNDING PIN OF PLUG



MOUNT FUSE HOLDER THAT IS CONNECTED TO WIRING HARNESS HERE USING (19) AND (22)

MOUNT FORD'S MAP HERE USING (20), (21), AND (22)

AFTER BLOCK HEATER AND CONDUIT BOX HAVE BEEN INSTALLED, CUT HEATER CORD APPROX. 20" FROM ENGINE AND RECONNECT AS INDICATED IN DETAIL "A" COIL PLUG AND LEAD AND ATTACH TO TOP AND CLAMP WITH CONDUIT CLAMP WITH CABLE TIE, ITEM (15)

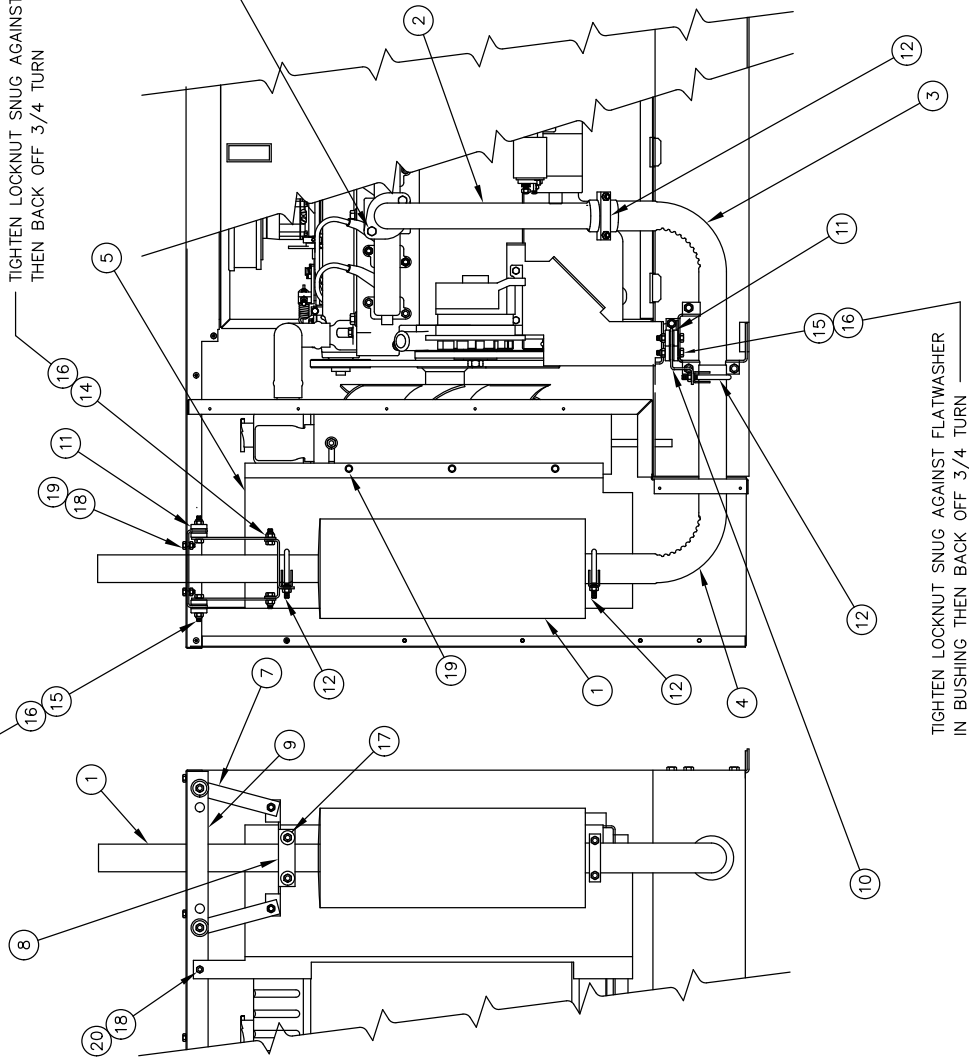
MOUNT FORD'S IGN. MODULE HERE USING (17)

ITEM	PART NO	QUAN.	DESCRIPTION
22	99671-000	3	FLANGE NUT #10-24
21	598-000	2	STD. FLAT WASHER STEEL CAD. #10
20	9362-002	2	RD. HD. MACH. SCREW #10-24 X 1.25
19	419-000	1	RD. HD. MACH. SCREW #10-24 X 1/2"
18	63764-004	1	ICM AND MAP MOUNTING BRACKET
17	55440-002	3	SELF TAP SCREW 1/4-20 X 5/8
16	63764-001	1	IGNITION MODULE MOUNTING BRACKET
15	49975-011	1	CABLE TIE
14	638-000	2	1/4-20 HEXNUT
13	479-000	2	1/4 SPLIT TYPE LOCKWASHER
12	463-000	2	1/4-20 X 1/2 HEX HD SCREW
11	4160-000	2	TERMINAL LUG
10	93073-000	2	CONDUIT CONNECTOR
9	96936-003	1	WIRE CONNECTOR
8	5113-000	2	#8-32 HEXNUT
7	6376-000	2	#8 SPLIT TYPE LOCKWASHER
6	6174-000	2	#8-32 X 3/8 RD. HD. SCREW
5	15816-000	1	TEMPERATURE SENSOR
4	82505-001	1	FREEZE PLUG ENGINE HEATER
3	61898-000	2	TERMINAL LUG
2	15812-000	1	CONDUIT BOX COVER
1	92769-000	1	CONDUIT BOX

EXHAUST ASSEMBLY

TIGHTEN LOCKNUT SNUG AGAINST FLATWASHER IN BUSHING THEN BACK OFF 3/4 TURN

TIGHTEN LOCKNUT SNUG AGAINST STRAP THEN BACK OFF 3/4 TURN



PLACE GASKET, ITEM (6) IN PLACE BETWEEN EXHAUST PIPE AND MANIFOLD, SECURE ALL OTHER PIPES AND MUFFLER IN PLACE BEFORE TIGHTENING BOLTS TO EXHAUST MANIFOLD

ITEM	PART NO	QUAN.	DESCRIPTION
20	16248-000	9	1/4-20 HEX FLANGENUT
19	55440-000	3	1/4-20 X 1/2 HEX HD. SELF TAPPING SCREW
18	476-000	9	1/4-20 X .625 HEX HD. BOLT
17	526-000	2	5/16 FLAT WASHER
16	47136-000	11	5/16-18 SELFLOCKING HEXNUT
15	91546-005	7	5/16-18 X 1.75 HEX HD BOLT
14	467-000	4	5/16-18 X .75 HEX HD BOLT
13	96003-030	2	M10 X 1.50 X 30MM HEX HD. BOLT
12	93489-003	4	2" EXHAUST CLAMP
11	64650-000	7	EXHAUST BRACKET BUSHING
10	63834-001	1	EXHAUST PIPE SUPPORT BRACKET
9	63834-002	1	EXHAUST MUFFLER SUPPORT CHANNEL
8	63834-003	1	MUFFLER HANGER BRACKET
7	63834-004	4	EXHAUST HANGER STRAP
6	64649-000	1	ENGINE EXHAUST GASKET
5	64501-001	1	RADIATOR AIR DEFLECTOR
4	63825-002	1	MUFFLER INLET EXHAUST ELBOW
3	63825-003	1	INTERMEDIATE EXHAUST ELBOW
2	63825-004	1	ENGINE HEADER EXHAUST PIPE
1	61620-001	1	MUFFLER WITH EXHAUST EXTENSION

TIGHTEN LOCKNUT SNUG AGAINST FLATWASHER IN BUSHING THEN BACK OFF 3/4 TURN

14267-00

60701-281

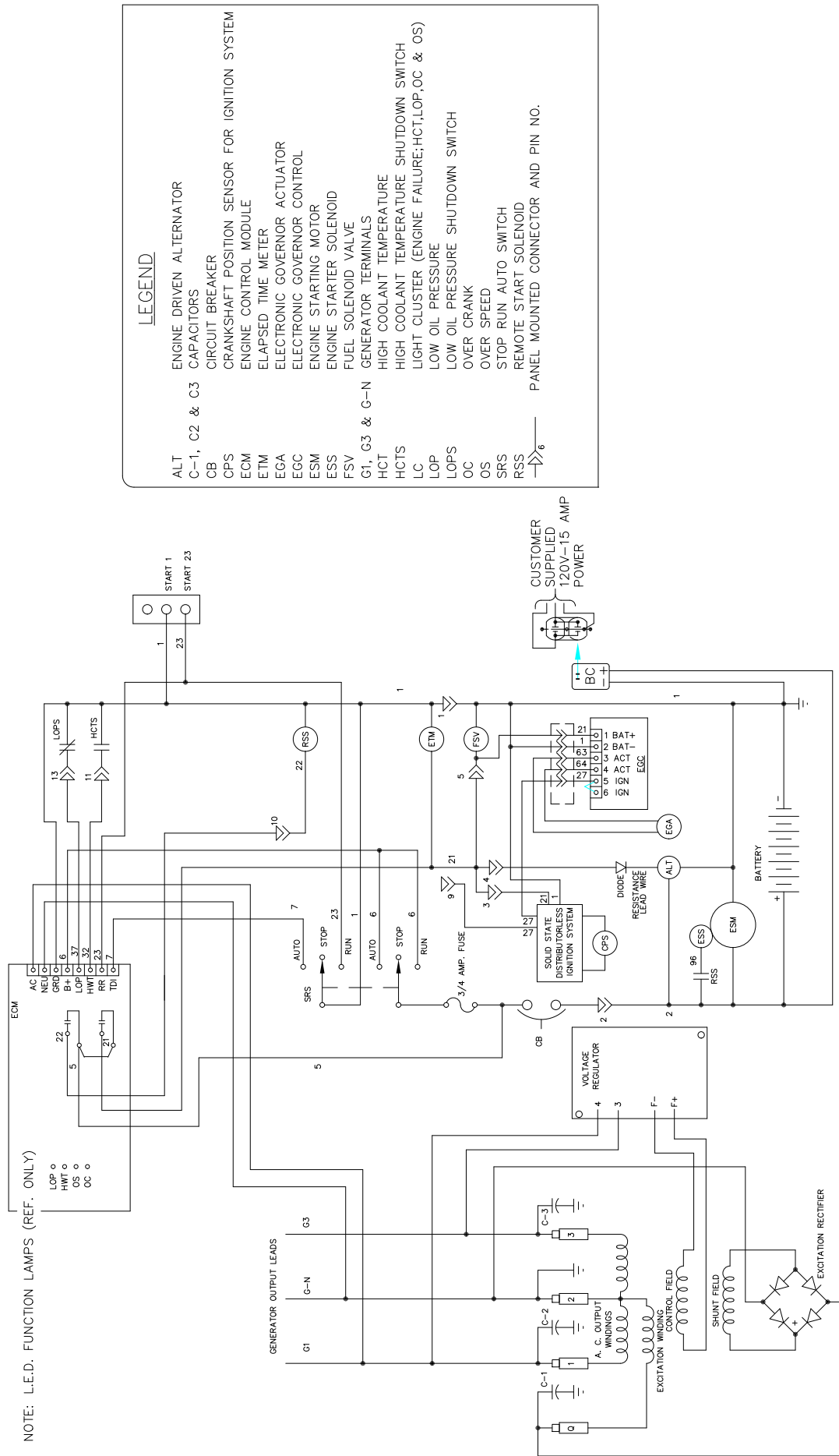


14267-00

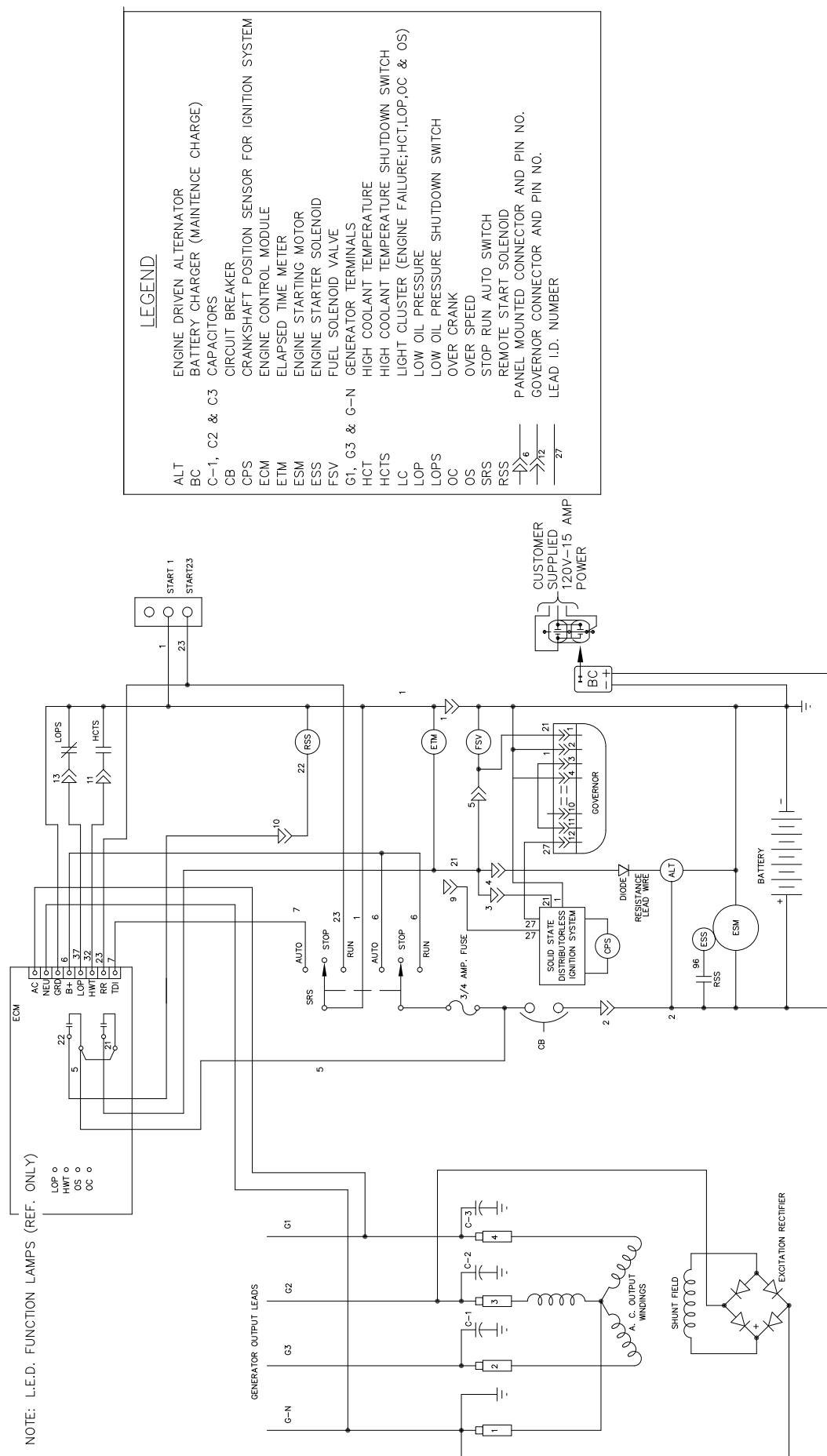
60701-281

REGULATOR TAG, ITEM (7) IS ACCOUNTED FOR ON ANOTHER DRAWING BUT IS SHOWN
2. HERE AS A REMINDER. CHECK ITEM (6) AS TO WHICH FUEL UNIT WAS TESTED ON.

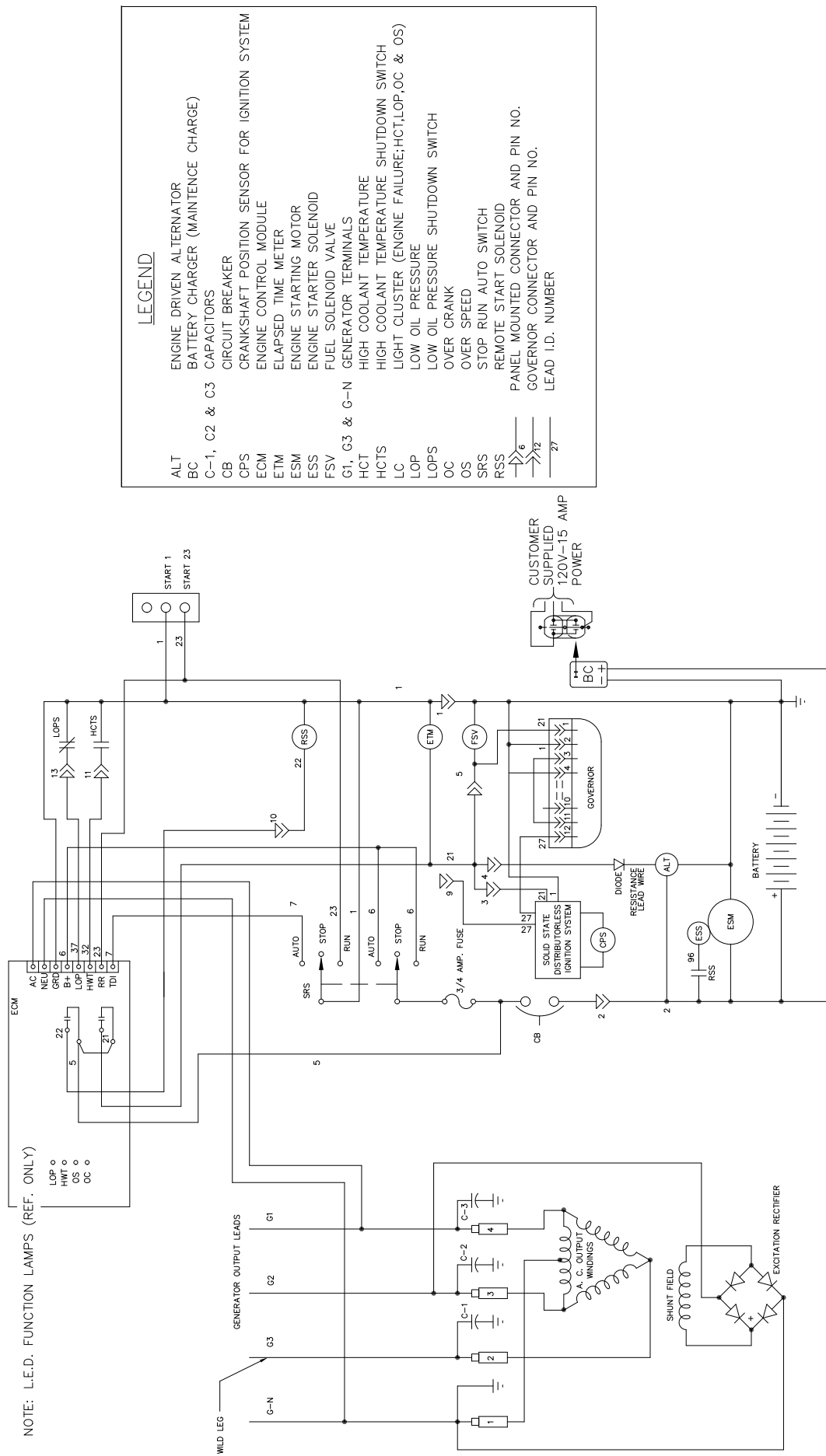
AC & DC SCHEMATIC PSS20000-3/E



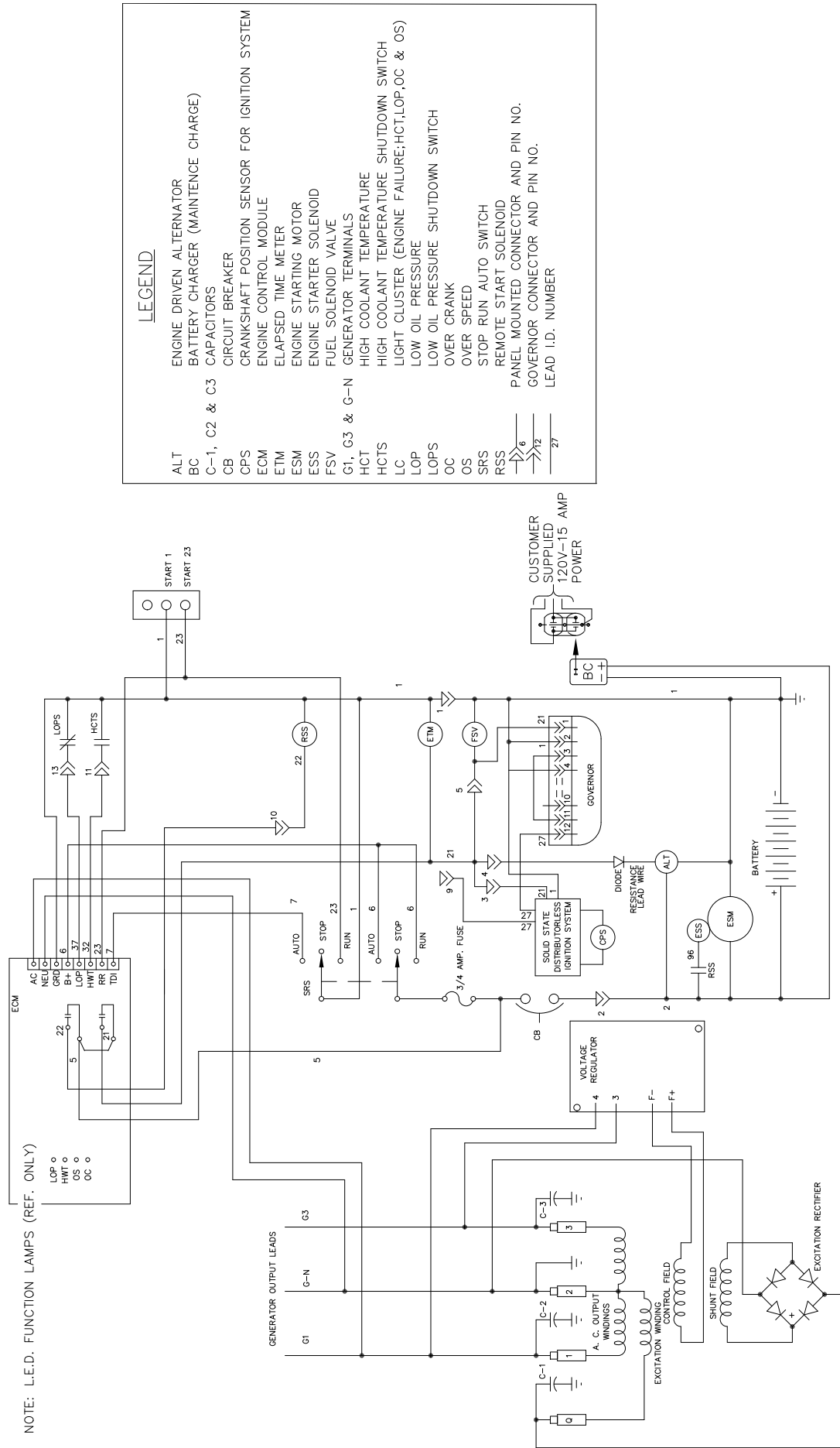
AC & DC SCHEMATIC PSS2000-4/E



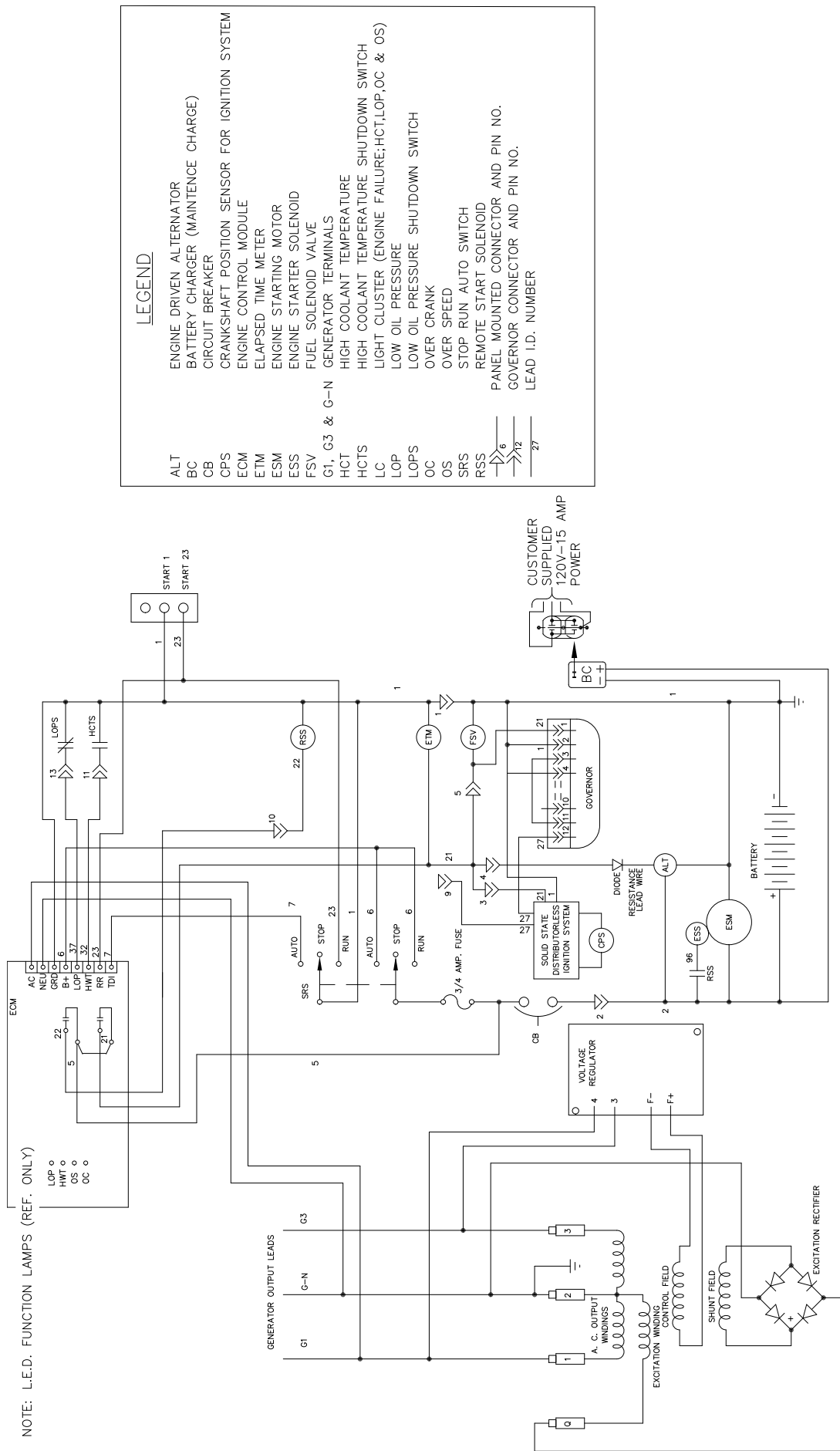
AC & DC SCHEMATIC PSS2000-17/E



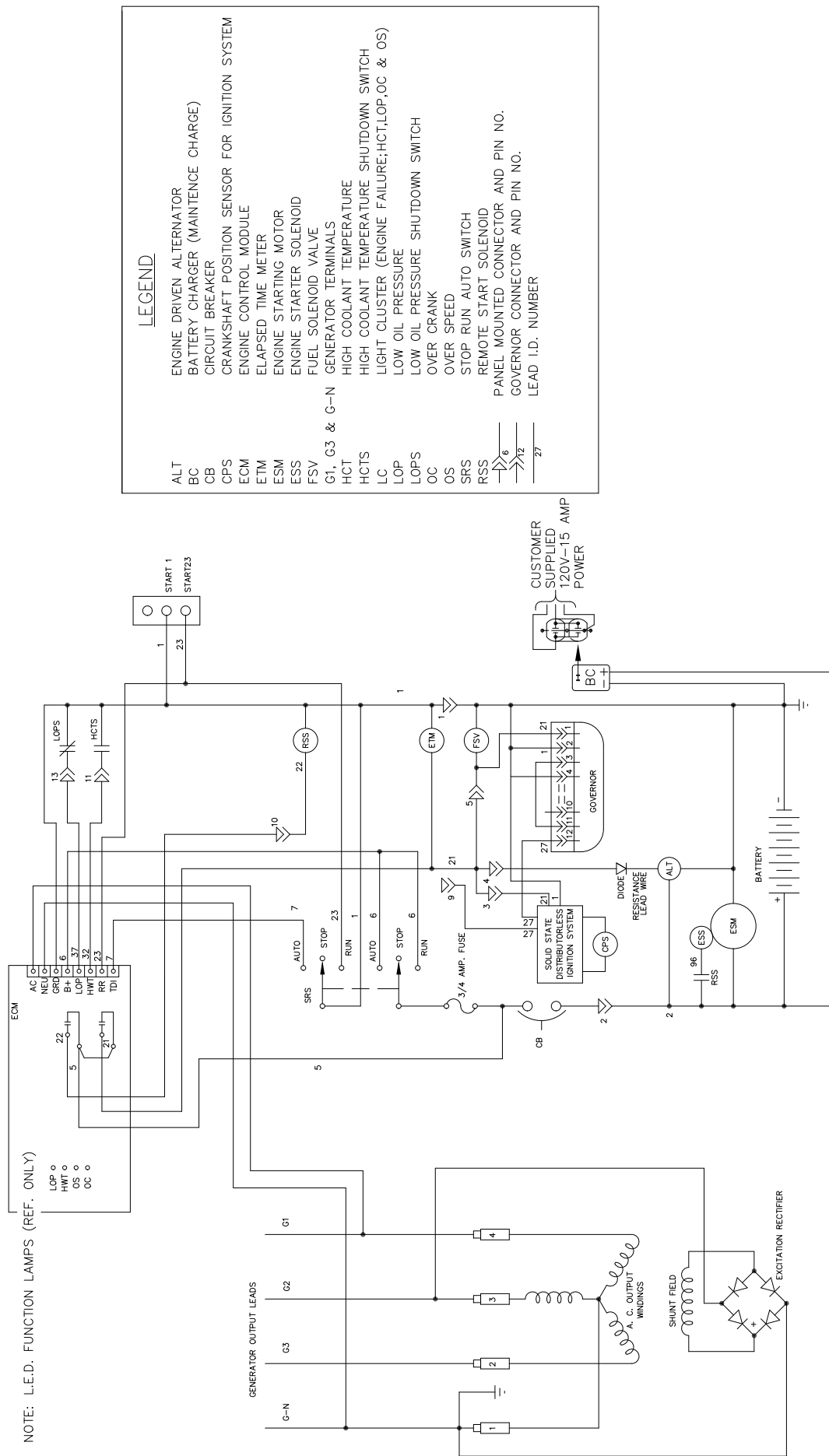
AC & DC SCHEMATIC PSS20000-3/F



AC & DC SCHEMATIC PSS20000-3/G



AC & DC SCHEMATIC PSS20000-4/G



AC & DC SCHEMATIC PSS2000-17/G

