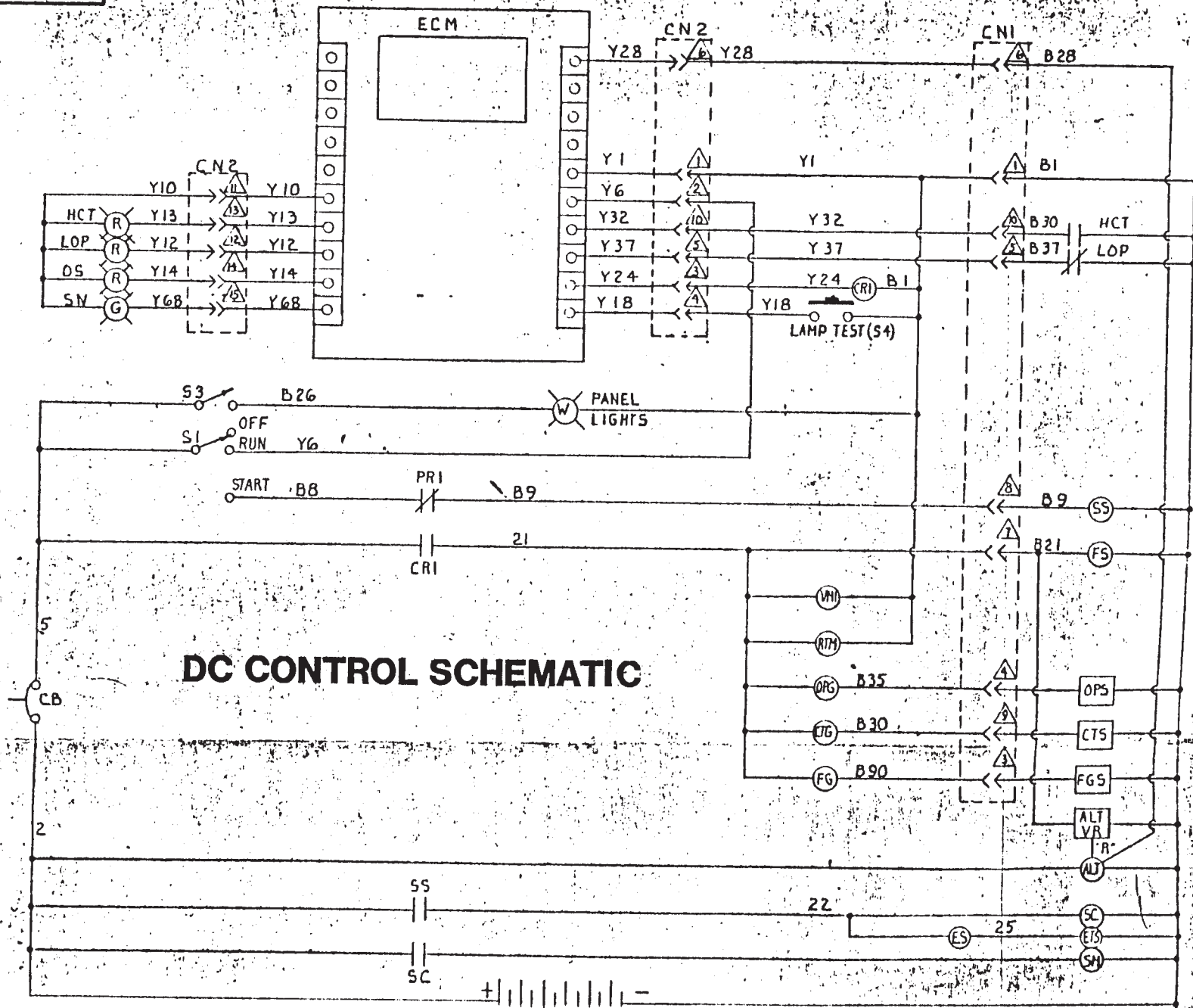


55ADS-23ETP/A

WIRING DIAGRAMS & CONTROL PANEL

GENERATOR END IS A DYNA
FRAME III GENERATOR - SEE
DYNA FRAME GENERATORS XTR
OPERATORS MANUAL FOR
ADDITIONAL INFORMATION ON
GENERATOR.

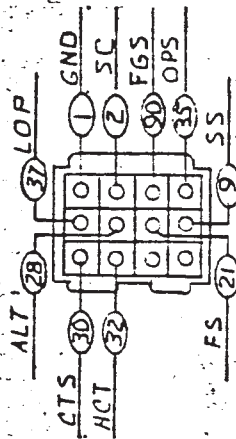
50756-J



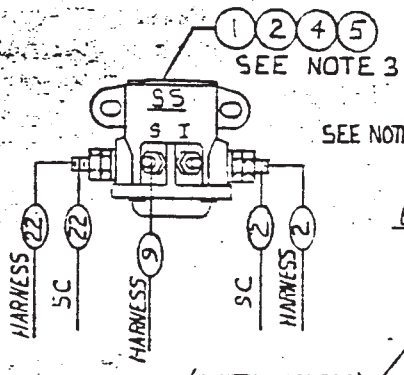
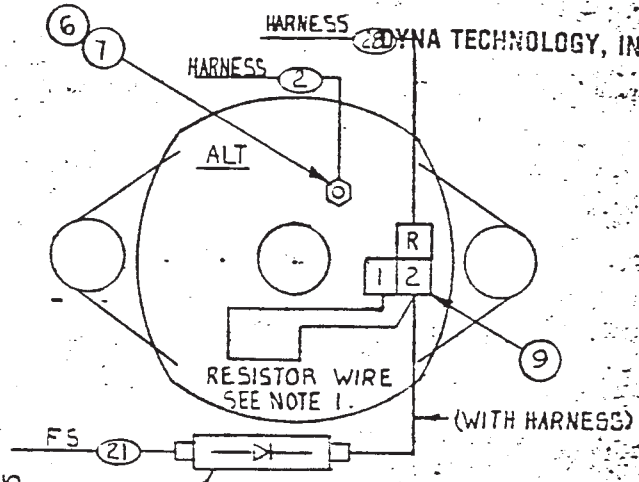
RELEASED FOR PRODUCTION

NOV 28 1984

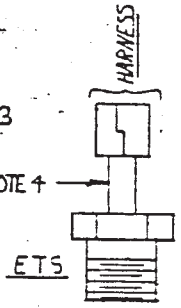
DYNA TECHNOLOGY, INC.



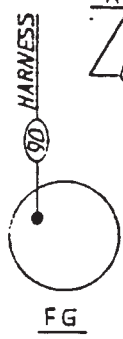
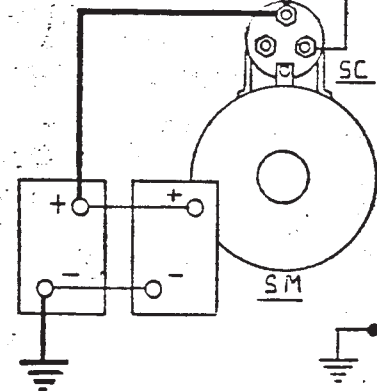
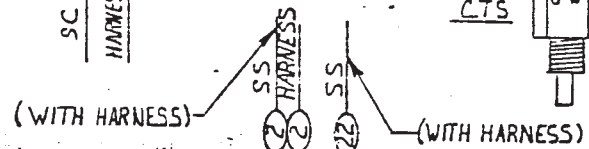
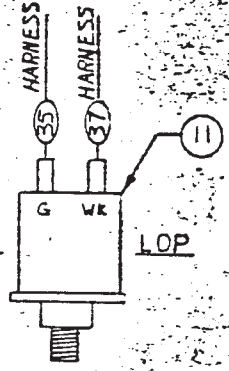
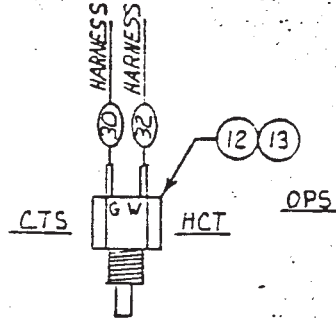
RC1
(REAR VIEW)
(REF. ONLY)



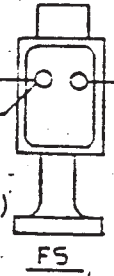
SEE NOTE 3



SEE NOTE 4



FG



FS

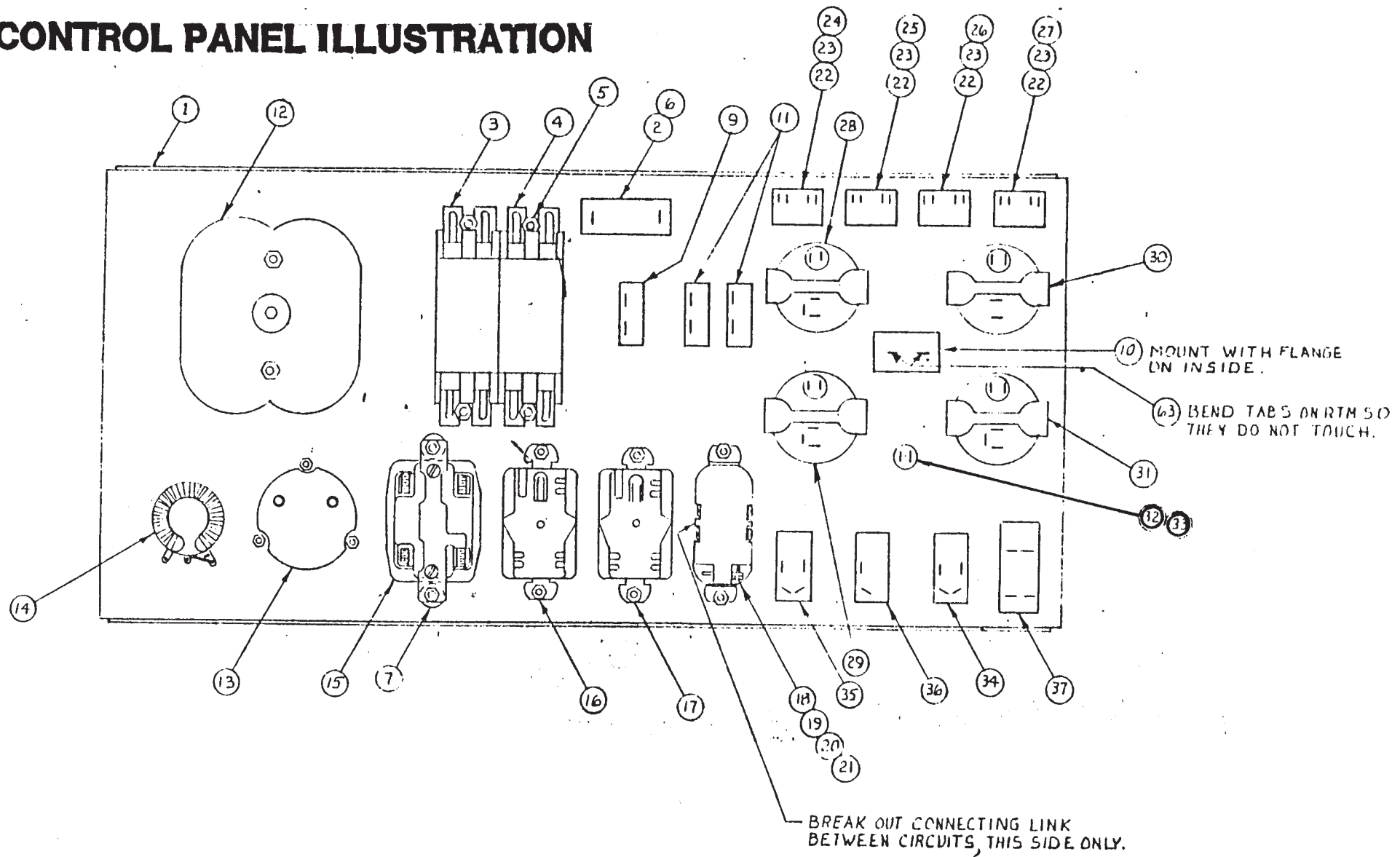


ES

NOTES:

DC ENGINE CONNECTIONS

CONTROL PANEL ILLUSTRATION

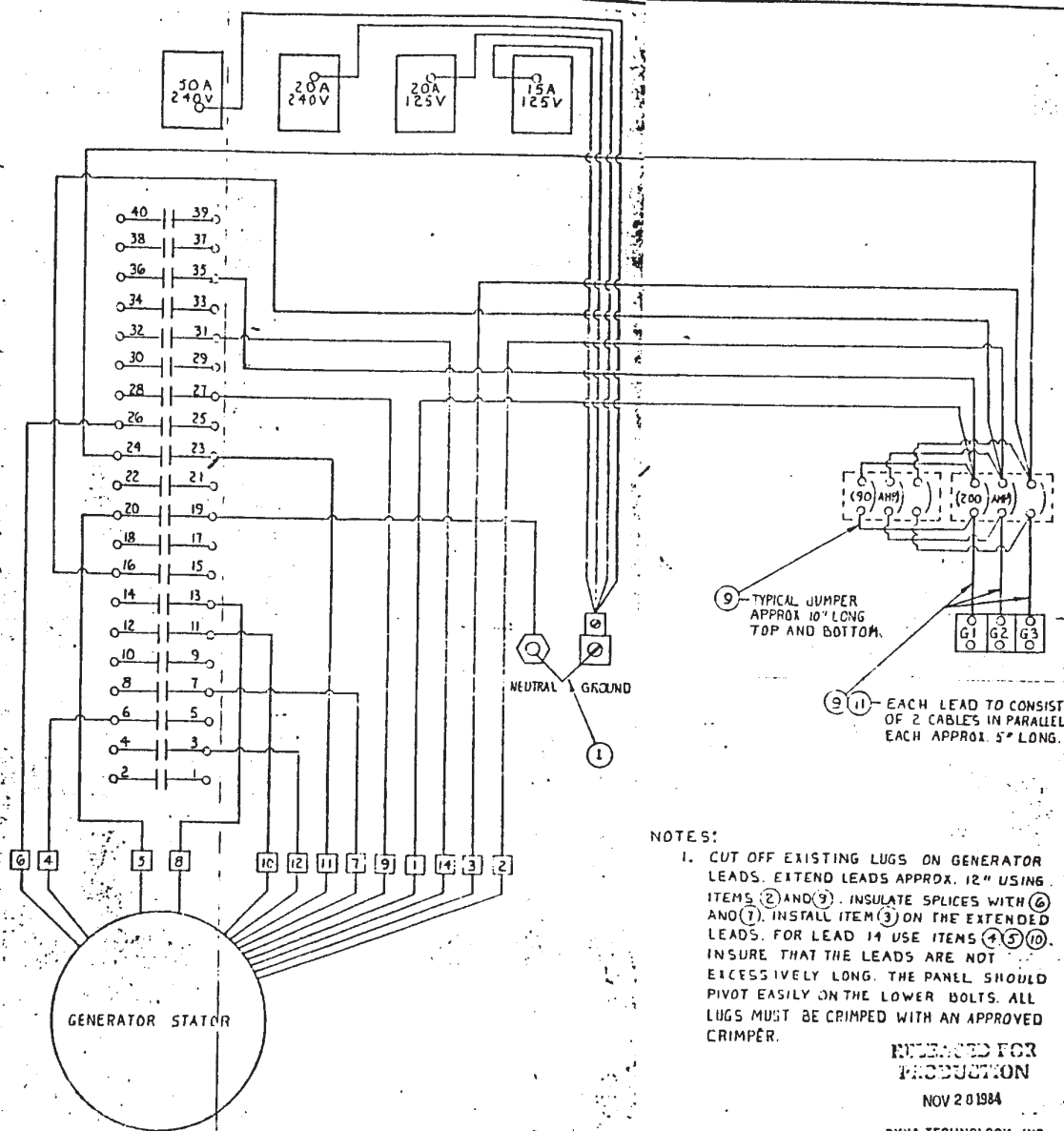
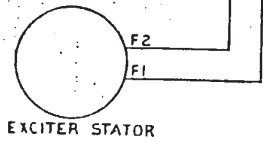
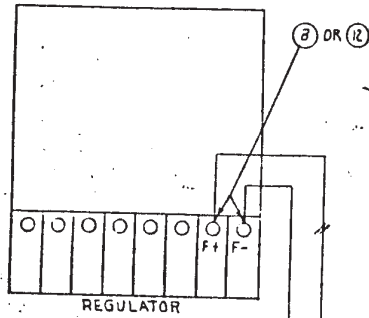


CONTROL PANEL PARTS LIST

33	94987	1	PANEL LIGHT						
32	94988	1	BULB						
31	95648	1	FUEL LEVER GAUGE						
30	94395	1	D.C. VOLTMETER		63	A-91958	2	ADAPTER	
29	94396	1	OIL PRESSURE GAUGE		62	4155	1	LUG	
28	94397	1	COOLANT TEMPERATURE GAUGE		61	22034	2	LUG	
27	94984-7	1	LENS HIGH COOLANT TEMP.	RED	60	21437	1	LUG	
26	94984-2	1	LENS LOW OIL PRESSURE	RED	59	21850-11	5	LUG	
25	94984-1	1	LENS OVERSPEED	RED	58	21850-2	1	LUG	
24	94986-1	1	LENS SYSTEM NORMAL	GREEN	57	41316	1	LUG	
23	94983	8	LAMPS		56	48602-8	3	LUG	
22	94982	4	SOCKET		55	48602-3	1	LUG	
21	5113	8	HEX NUT	#8-32	54	48602-1	2	LUG	
20	21976	8	LOCKWASHER	#8 EXT.	53	20531	2	LUG	
19	6402-1	8	SCREW	#8-32 X 3/8	52	21206	2	LUG	
18	B-24749	1	RECEPTACLE DUPLEX	15A. 125V.	51	80733	1FT.	WHITE TAPE	
17	A-56279	1	RECEPTACLE	20A. 125V.	50	59320	1FT.	GREEN TAPE	
16	A-56281	1	RECEPTACLE	20A. 250V.	49	41198	17"	#10 NEOPRENE WIRE	WHITE
15	B-91889	1	RECEPTACLE	50A.	48	41726	17"	#8 NEOPRENE WIRE	WHITE
14	81111-2	1	RHEOSTAT		47	91535	10"	#6 SILICONE WIRE	BLACK
13	B-92428	1	VOLTMETER		46	91815	17"	#14 SILICONE WIRE	BLACK
12	C-95664	1	SELECTOR SWITCH		45	10468	22-1/2"	#16 SILICONE WIRE	BLACK
11	A-91286	2	CIRCUIT BREAKER	15A. 120V.	44	91779	9"	#10 NEOPRENE WIRE	BLACK
10	A-58166-6	1	RUNNING TIME METER	120V.	43	91778	99"	#12 SILICONE WIRE	BLACK
9	A-91286-1	1	CIRCUIT BREAKER	20A. 120V.	42	91780	35"	#8 SILICONE WIRE	BLACK
8	49975	25	CABLE TIE		41	54810	1-1/2"	HEAT SHRINK TUBING	
7	512	2	FLATWASHER	1/4	40	4160	2	LUG	
6	3796-1	2	BD. HD. SCREW	6-32 X 1/4	39	58077	1	CONNECTOR	
5	598	4	FLATWASHER	#10	38	58584-2	1	RESISTOR	
4	B-57030-1	1	CIRCUIT BREAKER	20A 240V.	37	94387-2	1	CIRCUIT BREAKER	15 AMP
3	B-57030	1	CIRCUIT BREAKER	50A 240V.	36	94388-2	1	SWITCH MAINT.	SPST
2	B-81762-2	1	FIELD CIRCUIT BREAKER		35	94388-3	1	SWITCH MOM-ON	DPST
1	B-95569	1	CONTROL PANEL		34	94388-5	1	SWITCH	
ITEM	PART NO.	QUAN.	NAME	DETAILS	ITEM	PART NO.	QUAN.	NAME	DETAILS

C-95684

AC WIRING DIAGRAM



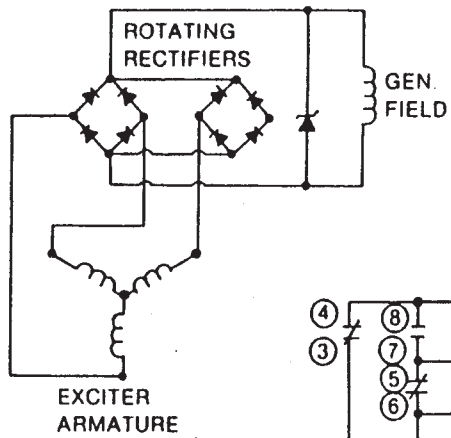
- NOTES:
- CUT OFF EXISTING LUGS ON GENERATOR LEADS. EXTEND LEADS APPROX. 12" USING ITEMS ② AND ③. INSULATE SPLICES WITH ⑥ AND ⑦. INSTALL ITEM ③ ON THE EXTENDED LEADS. FOR LEAD 14 USE ITEMS ④, ⑤, ⑩. INSURE THAT THE LEADS ARE NOT EXCESSIVELY LONG. THE PANEL SHOULD PIVOT EASILY ON THE LOWER BOLTS. ALL LUGS MUST BE CRIMPED WITH AN APPROVED CRIMPER.

PREPARED FOR PRODUCTION
NOV 20 1984

DYNA TECHNOLOGY, INC

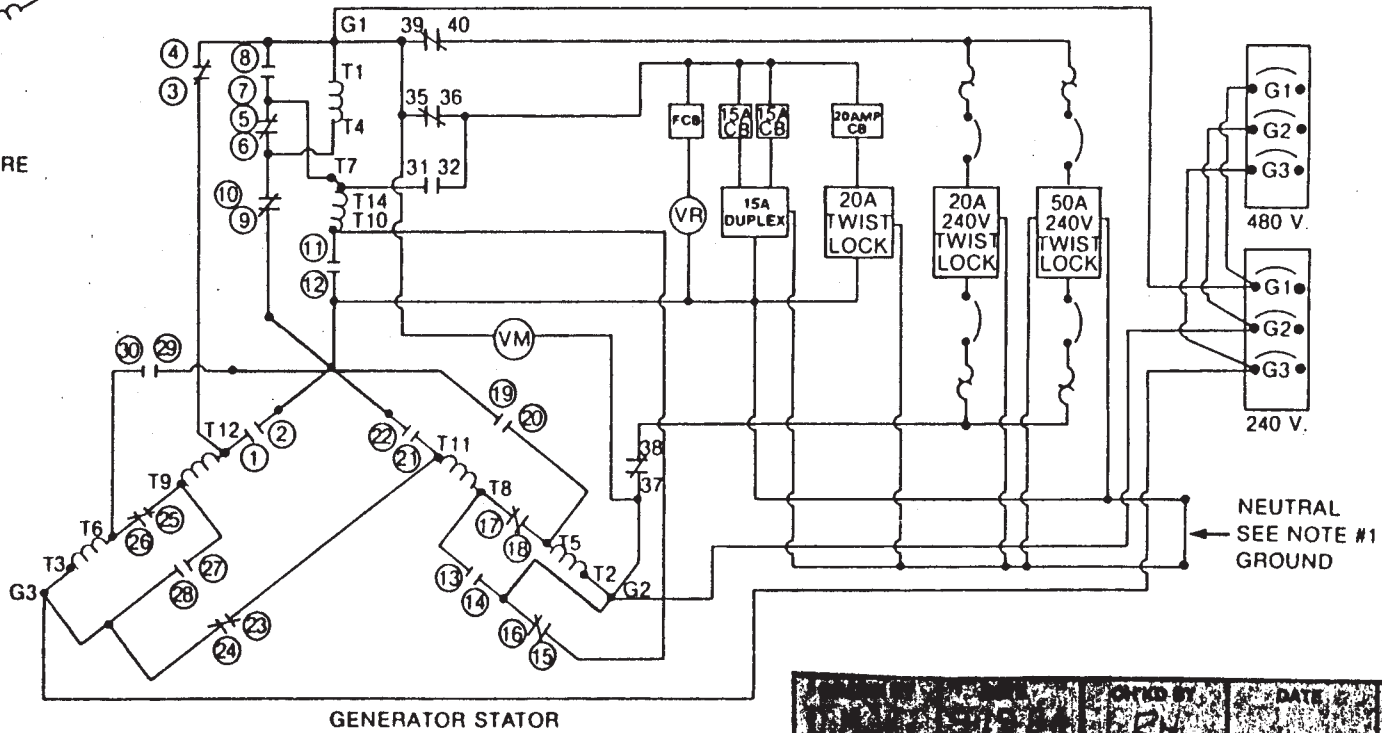
12	48602-1	2	LUG	
11	91540	6	LUG	
10	91778	1FT.	CABLE	* 12 SIL.
9	91535	29FT.	CABLE	* 6 SIL.
8	7777	2	LUG	
7	49975	24	CABLE TIE	
6	91335-1	12	SLEEVING	
5	20531	1	LUG	
4	91494	1	CONNECTOR	
3	41316	12	LUG	
2	61231	12	CONNECTOR	

ALL DIMENSIONS GIVEN IN INCHES - NONE TO DIMENSIONS - DO NOT SCALE - SAMPLE MUST BE APPROVED BY DYNA TECHNOLOGY BEFORE PRODUCTION							
- TOLERANCES UNLESS OTHERWISE SPECIFIED: FRACTIONS ± 1/64							
DECIMALS ONE PUNCHED HOLES - .004 - .005 ANGLES ± 1°							
DRAWN BY	DATE	CHG BY	DATE	APPROV BY	DATE	SCALE	
D.M.W	9-14-84	PK		PH	11-19-84	NONE	
MATERIAL							
PART							
WIRING DIAGRAM AND							



NOTE:
1. REMOVE JUMPER FOR ISOLATED NEUTRAL APPLICATIONS.

GENERATOR IS CONNECTED IN DELTA WHEN SWITCH CONTACTS ARE IN POSITION SHOWN.

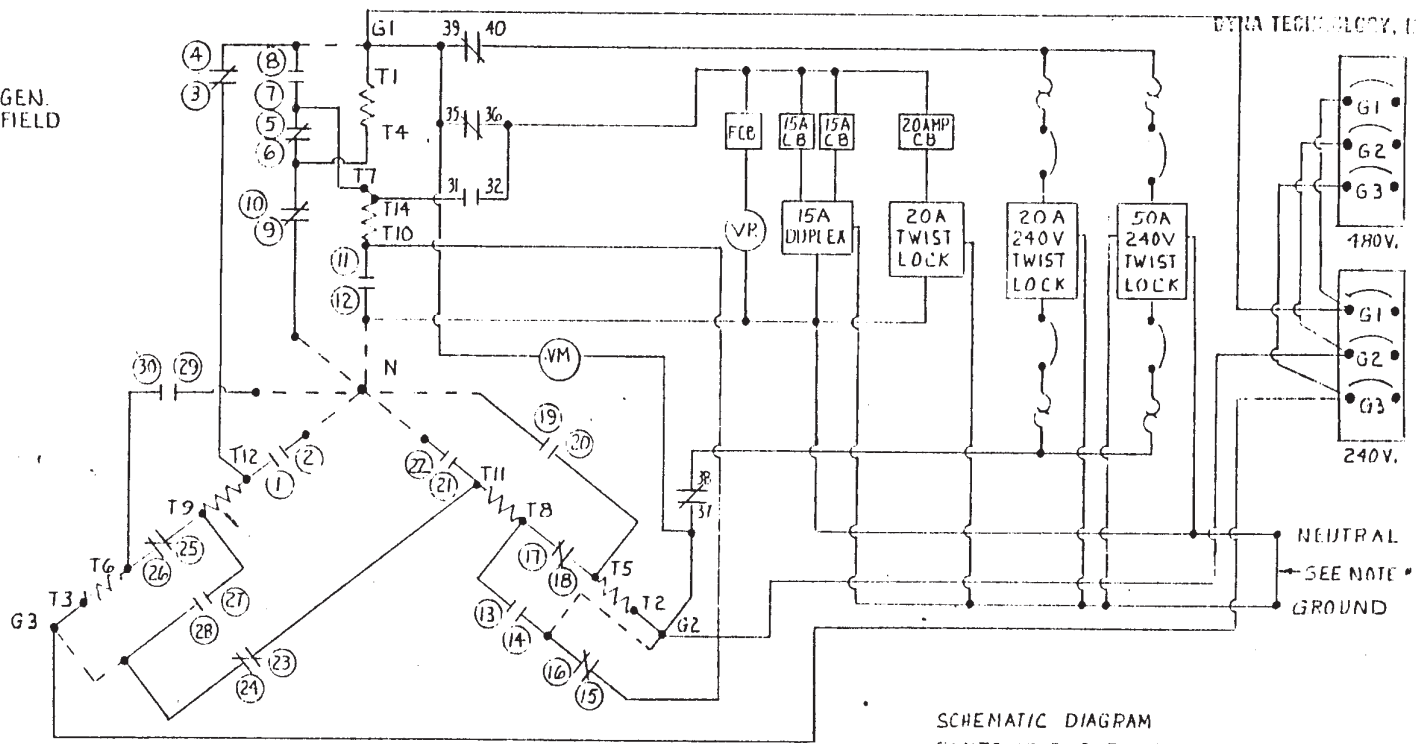
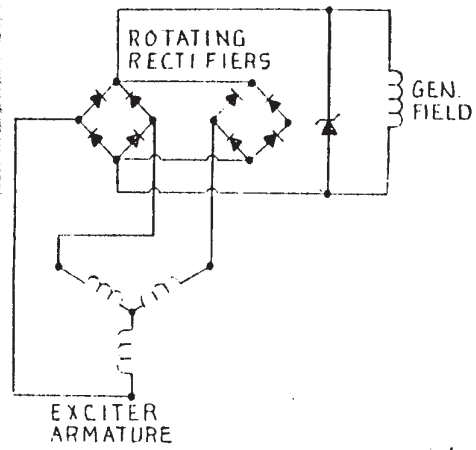


DATE	DESIGNED BY	DATE	APPROVED BY	SCALE
12-15-54	RRH		RRH	1/2"
GENERATOR EQUIPMENT				
1500 2300 FT				9-25-700
Le Center, MN 56067				

B-95701

NOV 28 1984

DYNA TECHNOLOGY, INC.



- NOTES:
1. REMOVE JUMPER FOR ISOLATED NEUTRAL APPLICATIONS.
 2. ANY CHANGES ON THIS DRAWING MUST BE CARRIED THRU ON LABEL DRAWING B-91649-25.

GENERATOR IS CONNECTED IN DELTA WHEN SWITCH CONTACTS ARE IN POSITION SHOWN.

SCHEMATIC DIAGRAM
 SWITCHABLE 3 PHASE GENERATOR
 480/277/120 VOLT WYE
 208/120 VOLT WYE-WYE
 240/120 VOLT DELTA

AC GENERATOR SCHEMATIC

ALL DIMENSIONS GIVEN IN INCHES - WORK TO DIMENSIONS - DO NOT SCALE - SAMPLES MUST BE APPROVED BY DYNA TECHNOLOGY ENGINEERING DEPT. BEFORE PROCEEDING WITH PRODUCTION - TOLERANCES (UNLESS OTHERWISE SPECIFIED): FRACTIONS ± 1/64 DECIMALS .005 PUNCHED HOLES + .004 - .000 ANGLES ± 1°									
DRAWN BY	DATE	CHKD BY	DATE	APPRD BY	DATE	SCALE			
DMW	9-19-84	KN		EL	11-27-84	NOK			
MATERIAL									
FINISH									
ABBY									
MODEL 55ADS-23EPT									
GENERATOR SCHEMATIC									
1 ADDED CONTACT POSITION FOR DELTA CONNECTION 10-30-84 D.W. 24									
2 ORIGINAL									

PART NO.	QUAN.	NAME	DETAILS
			ISSUE
			REVISION
			DATE
			BY
			AUTH.