



Figure 2B18 Installation and Maintenance Module IC3607D203A

REV 1 5/7/75 AJB	REV 2	APPROVALS <i>[Signature]</i>	GENERAL ELECTRIC		PICTURES	
ISSUED 7/13/73	PRINTS TO	FIRST MADE FOR REQ DLC	SALEM, VA. U.S.A.		245A5638	SH NO
MADE BY 49		IC NO.			CONT ON SH. 2B24	2B23

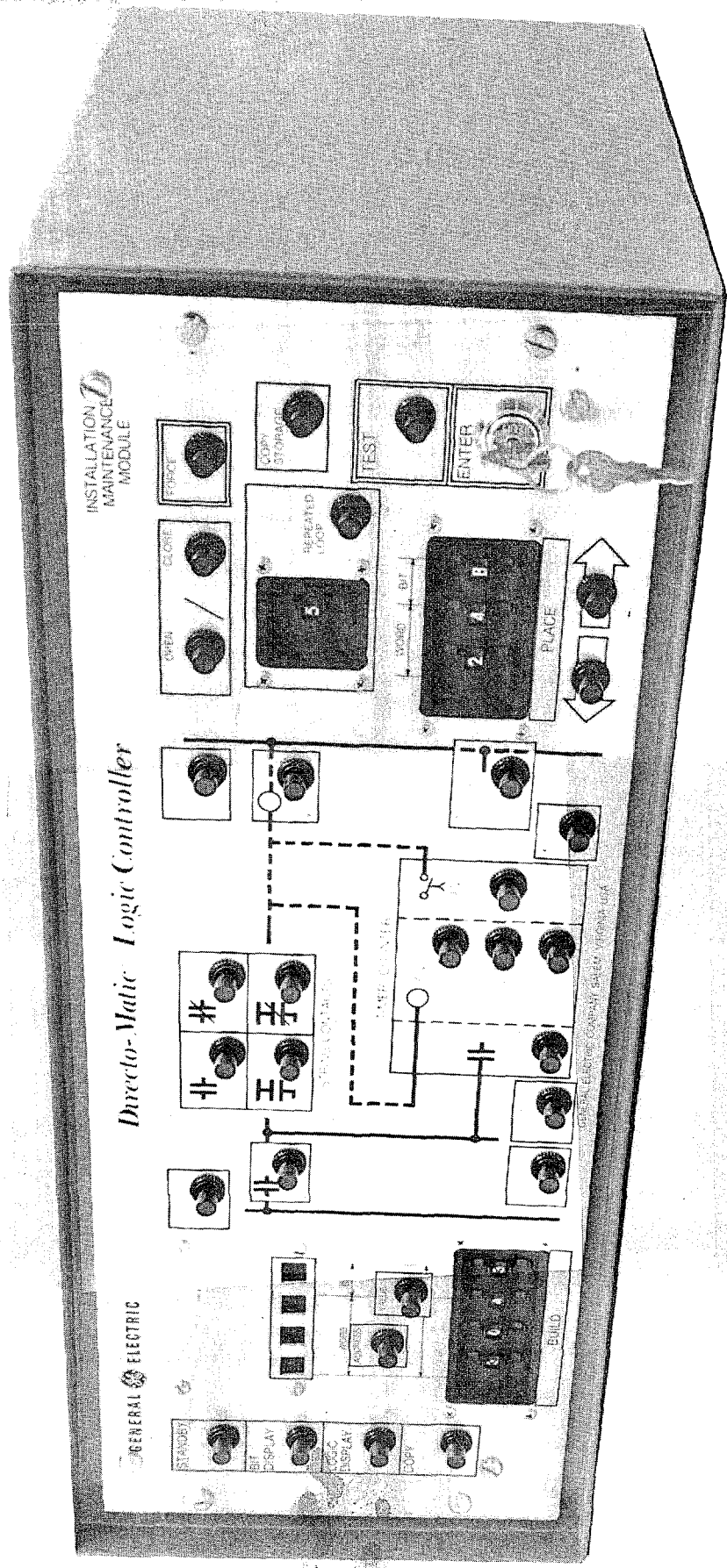
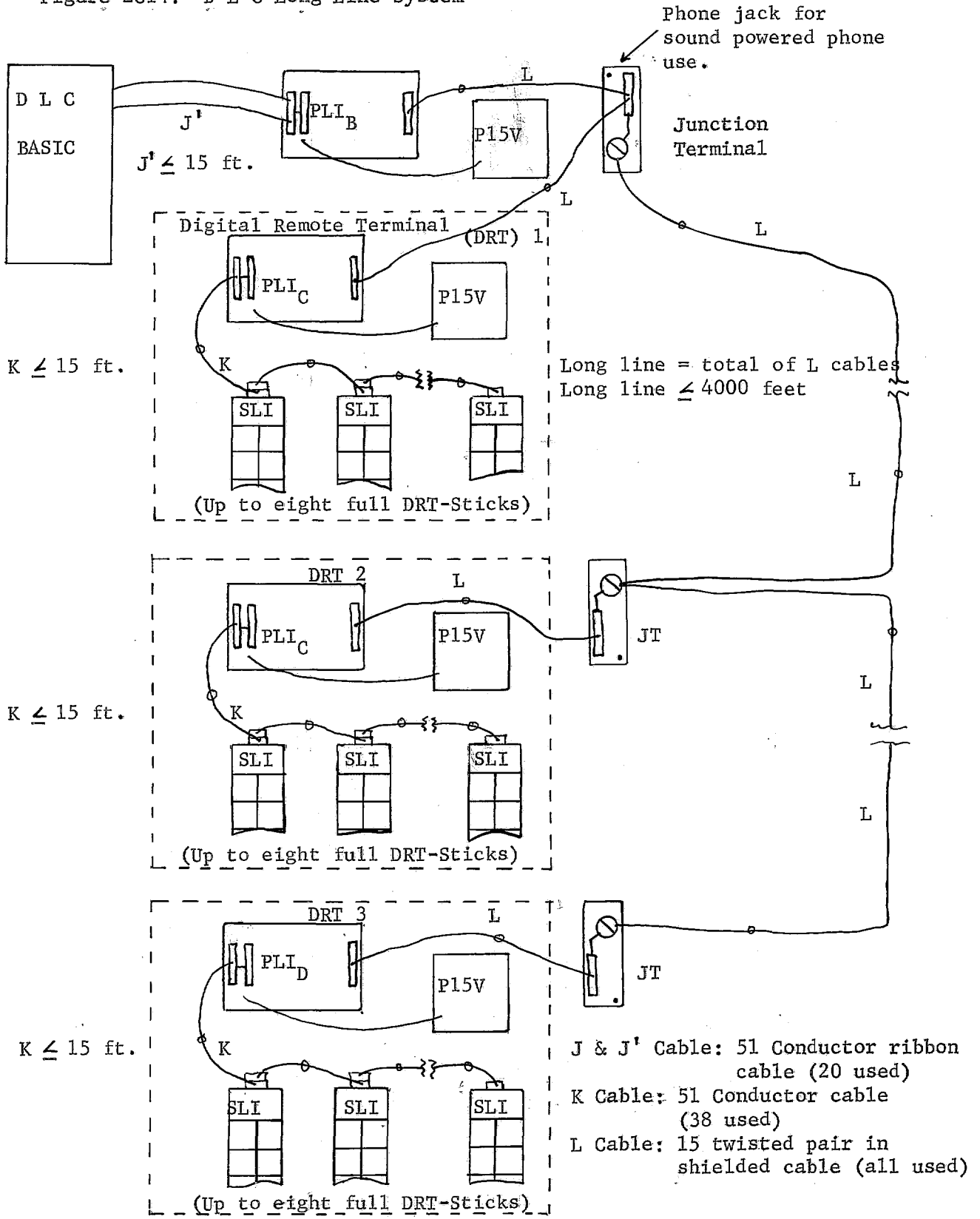


Figure 2B18 Installation and Maintenance Module IC3607D203A

REV. 1 5/7/75 AJB	REV. 2	APPROVALS <i>[Signature]</i>	GENERAL ELECTRIC		PICTURES	
ISSUED 7/13/73	PRINTS TO	FIRST MADE FOR REQ. DLC	SALEM, VA. U.S.A.		245A5638	SH. NO. 2B23
MADE BY LH		I.C. NO.			CONT. ON SH. 2B24	

Figure 2C14: D L C Long Line System



PROPRIETARY INFORMATION OF THE GENERAL ELECTRIC COMPANY

REV. 1	REV. 4	REV. 5	PRINTS TO	APPROVALS <i>[Signature]</i>	GENERAL ELECTRIC INDUSTRY CONTROL DEPT. SALEM, VA. U.S.A.	ELEMENTARY DIAGRAM
REV. 2	ISSUED	6/19/73	FIRST MADE FOR DLC	INPUT/OUTPUT 245A5638		
REV. 3	MADE BY		I.C. NO.		CONT. ON SH. 2C18	SH. NO. 2C17

DEMAND (Pushbutton and light)

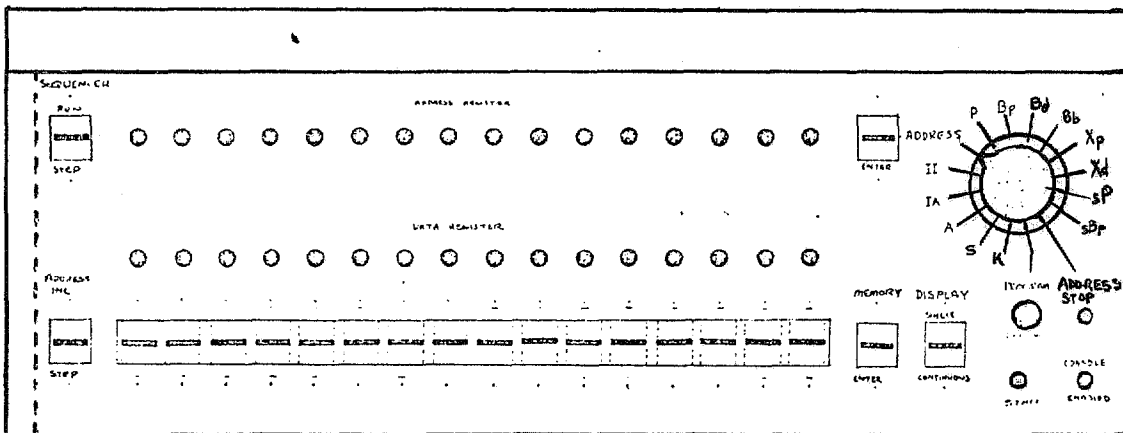
Pushbutton - Sets a Demand flip-flop which may be interrogated by the software.

Light - Indicates status of Demand flip-flop which is reset by the software (also can be set by the software).

STALL (light)

Light - Indicates that a DLC stall condition has been detected.

SR = Spring Return



NOTE: On optional form for enclosure door mounting, MASTER key switch and INITIALIZE pushbutton mounted at right of above layout.


Figure 6.1 : Hardware Console Layout

PROPRIETARY INFORMATION OF THE GENERAL ELECTRIC COMPANY
 VITAL INFORMATION, NOT TO BE REVEALED TO ANYONE BY RECIPIENT WITHOUT AUTHORIZATION FROM INDUSTRY CONTROL DEPARTMENT, G.E. CO.

REV 1 5/17/75 AJS	REV 2	APPROVALS	GENERAL ELECTRIC	CALCULATIONS HMM	
ISSUED 6/14/73	PRINTS TO	FIRST MADE FOR REQ DLC		245A5638	SH NO
MADE BY		I.C. NO	SALEM, VA. U.S.A.	CONT. ON SH 6D25	6D24

01	A	B	C	D	E	F	G	H	J	K	L	
03		T6	TAKE KEY SW TO STOP, PUSH INITIALIZE, GO TO RUN, DID "RUN" LIGHT GO ON <input type="checkbox"/> Y/N.									
05			IF Y YOU'RE DONE, SAVE SHEET.									
07		T7	CUT POWER ON DLC, RE-APPLY. DID "RUN" GO ON <input type="checkbox"/> Y/N. IF Y YOU'RE DONE, SAVE									
09			SHEET. IF NO BEGIN TROUBLESHOOTING.									
11												
13												
15												
17												
19												
21												
23												
25												
27												
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PROPRIETARY INFORMATION OF THE GENERAL ELECTRIC COMPANY

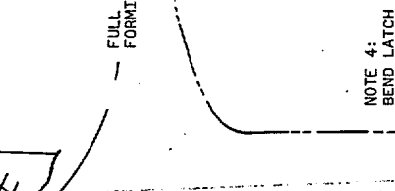
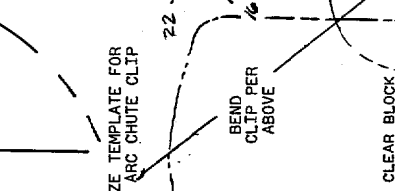
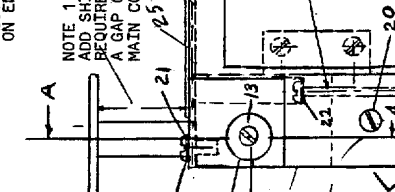
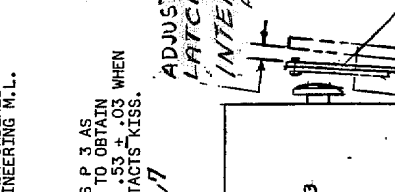
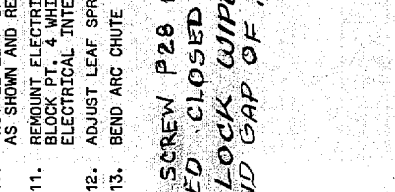
REV. 1	5/7/75 AJB	REV. 4	REV. 5	PRINTS TO	APPROVALS <i>C. J. Bonbray</i>	 GENERAL ELECTRIC SALEM, VA. U.S.A.	ELEMENTARY DIAGRAM
REV. 2	ISSUED	5/5/75		FIRST MADE FOR	245A5638		TRUBLE SHOOTING
REV. 3	MADE BY			I.C. NO.	CONT. ON SH. 7D1		SH. NO. 7C10

LATCH ASM
FIRST MADE FOR IC2800C300 LATCH

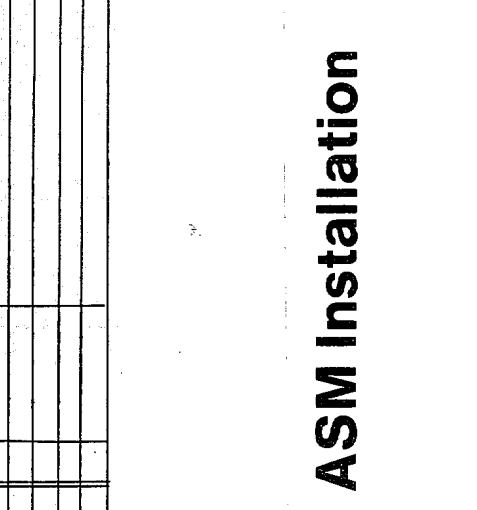
PT. #	DESCRIPTION	QTY	PART #
1	ADAPT. PLATE	1	259A4519P2
2	SHIMS	2	259A4519P1
3	BLOCK	1	259A4529G1
4	SPRING	1	259A4526
5	SHAFT ASM.	1	259A4524G1
6	INSULATION	1	259A4525P1
7	SPRING	1	259A4527
8	WASHER	1	N402P39B6
9	SCREW	1	N57P16036B6
10	HANDLE ASM	1	259A4517G1
11	BRACKET	1	259A4521P1
12	LOCK PIN	1	259A4516P1
13	LOCK SPRING	1	K-2418394
14	WASHER	1	N402P69B6 #10 - WIDE
15	SCREW	1	N57P16008B6 #10 - PH.50 LG.
16	SCREW	1	N146P1508C6 #8-1/2 LONG
17	LEAF SPRING	1	259A4528G1
18	WASHER	1	N402P39B6 #8
19	SCREW	1	N722EP15012C #8 T.C. 3/4
20	SCREW	1	N57P16010B6 #10 PH 62 LG.
21	L.WASH	1	N405P3906 #10 L, WASH
22	SCREW	2	N57P16052B6 #10 SCREW 3 1/4" LG.
23	SCREW	2	N57P16004B6 #10 SCREW .25 LG.
24	NAMEPLATE	1	259A4530P1
25	WASHER	1	N402P42B6
26	SCREW	2	N57P16012B6
27	NUT	2	N210P16B6

- PROCEDURE FOR LATCH ASM INSTALLATION**
- REMOVE ELECTRICAL INTERLOCK BRACKET FROM CONTACTOR.
 - INSTALL PT. 2 WITH HARDWARE PT. 24, 22
 - INSTALL SHIMS PT. 3 AS REQUIRED PER NOTE 1.
 - INSTALL BLOCK PT. 4 WITH HARDWARE PTS. 23 & 22
 - INSTALL PT. 11; PTS. 5, 8, 9, & 10 AND PT. 5 AS SHOWN IN SECTION "AA" INTO HOLE IN BLOCK IN ORDER SHOWN.
 - ASSEMBLE LOCK PIN PTS. 13, 14, 15, 16, & 22 TO BRACKET PT. 12.
 - INSTALL LOCK PIN ASSEMBLY AND INSULATION PT. 7 TO BLOCK PT. 4 WITH HARDWARE PTS. 21, 22.
 - REMOVE ELECTRICAL INTERLOCK OPERATOR FROM CONTACTOR.
 - REMOVE RED GLASTIC INSULATING PAD FROM OPERATOR.
 - INSTALL LEAF SPRING PT. 18 ON OPERATOR AS SHOWN AND REMOUNT OPERATOR ON CONTACTOR.
 - REMount ELECTRICAL INTERLOCK ON BOTTOM OF BLOCK PT. 4 WHICH IS PREDRILLED FOR ELECTRICAL INTERLOCK MOUNTING BRACKET.
 - ADJUST LEAF SPRING PT. 18 PER NOTES 2 & 3.
 - BEND ARC CHUTE CLIP PER NOTE 4.

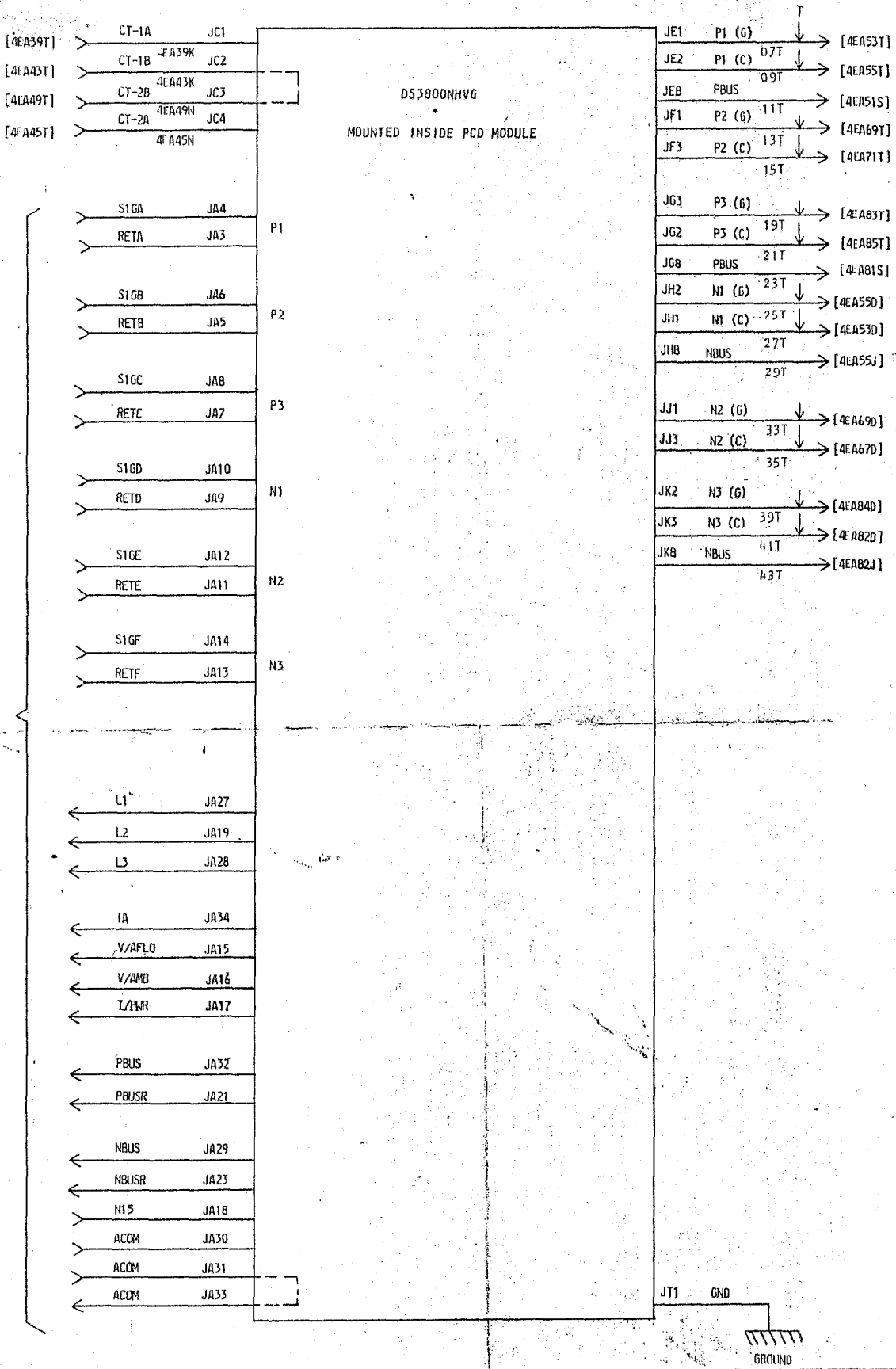
ADJUST SCREW P28 WITH ARMATURE LATCHED CLOSED TO OBTAIN INTERLOCK WIPE OF .047 TO .078 AND GAP OF .078 TO .109



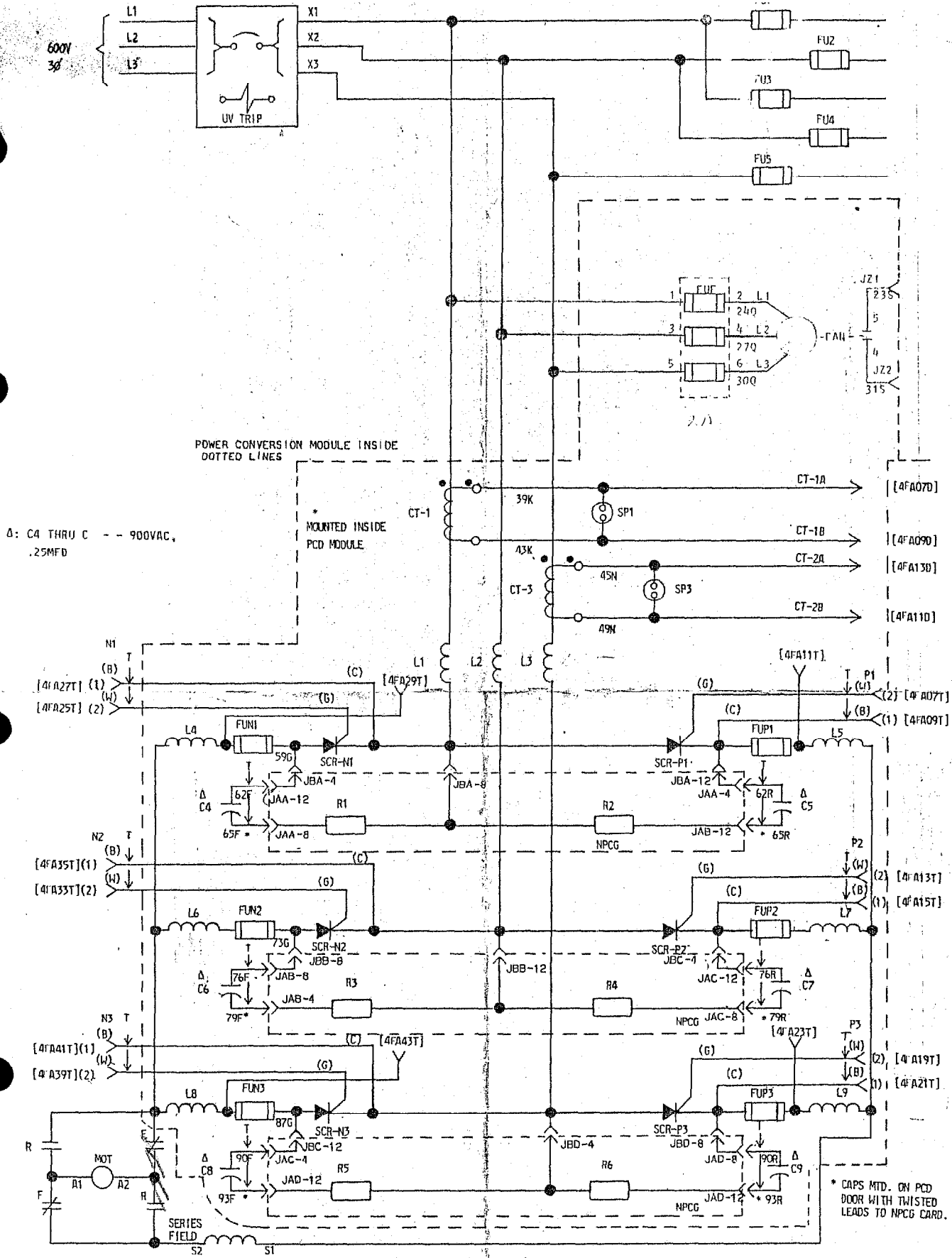
- NOTE 1:**
ADD SHIMS P 3 AS REQUIRED TO OBTAIN A GAP OF .53 ± .03 WHEN MAIN CONTACTS KISS.
- NOTE 2:**
ADJUST LEAF SPRING PT. 18 PER NOTES 2 & 3.
- NOTE 3:**
ELECTRICAL INTERLOCKS WHEN MANUALLY LATCHED, N.O. CONTACT WIPE = .047 MIN. N.C. CONTACT GAP = .078 MIN.



Procedure for Latch ASM Installation



.1	REV. 4	REV. 5	PRINTS TO DL114	ENGINEER <i>[Signature]</i>	GENERAL ELECTRIC DRIVE SYSTEMS DEPARTMENT SALEM, VA. U.S.A.	ELEMENTARY DIAGRAM OIL WELL DRILLING HIGH VOLTAGE BOARD FORMS "E" & "F" DS3820PCD
	ISSUED					CONT. ON SH. SH. NO. 16A
.3	MADE BY <i>[Signature]</i>	F. BARTLEY				



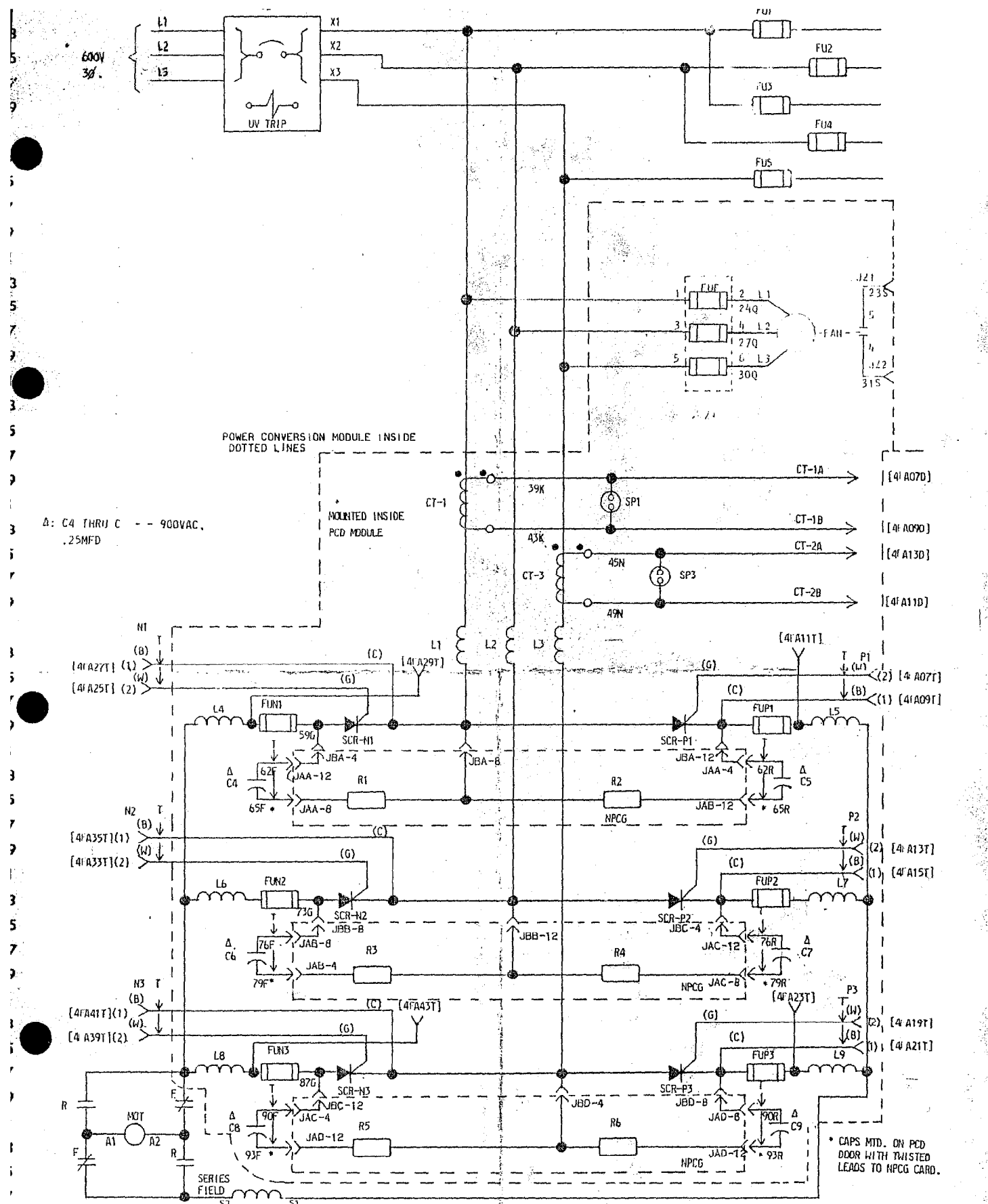
Δ: C4 THRU C -- 900VAC, .25MFD

POWER CONVERSION MODULE INSIDE DOTTED LINES

MOUNTED INSIDE PCD MODULE

* CAPS MTD. ON PCD DOOR WITH TWISTED LEADS TO NPCG CARD.

1	REV. 4	REV. 5	PRINTS TO DL114	ENGINEER <i>[Signature]</i>	GENERAL ELECTRIC DRIVE SYSTEMS DEPARTMENT SALEM, VA. U.S.A.	ELEMENTARY DIAGRAM OIL WELL DRILLING POWER BRIDGE FORMS "E" AND "G"
	ISSUED MAY 2, 1985					D 5 3 8 2 0 P C D
3	MADE BY R.L.	F. BARTLEY				CONT. ON SH. 4FA SH. NO. 4FA



Δ: C4 THRU C -- 900VAC, .25MFD

POWER CONVERSION MODULE INSIDE DOTTED LINES

* MOUNTED INSIDE PCD MODULE

* CAPS MTD. ON PCD DOOR WITH TWISTED LEADS TO NPCG CARD.

V.1	REV. 4	REV. 5	PRINTS TO DL114	ENGINEER <i>[Signature]</i>	GENERAL ELECTRIC DRIVE SYSTEMS DEPARTMENT SALEM, VA. U.S.A.	ELEMENTARY DIAGRAM OIL WELL DRILLING POWER BRIDGE FORMS "E" AND "C"
V.2	ISSUED	MAY 2, 1985				D S 3 8 2 0 P C D
V.3	MADE BY	F. BARTLEY				CONT. ON SH. 4FASH. NO. 46

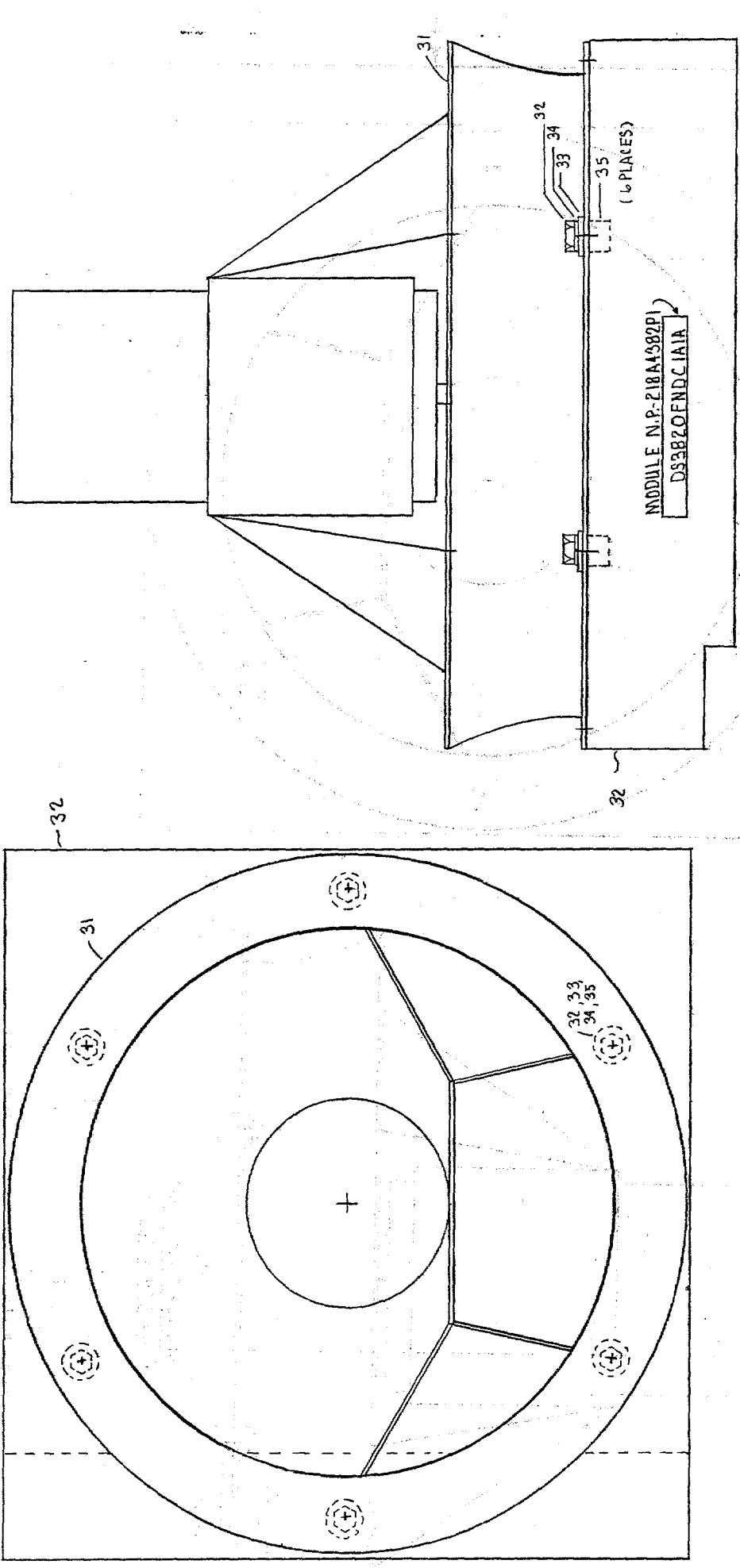
D33820FND
CONT ON SHEET 6AD SH NO. 6AC

GENERAL ELECTRIC

TITLE
FAN ASSEMBLY - FORM C
FIRST MADE FOR REG. S.O.

REV. NO.
D33820FND
CONT ON SHEET 6AD SH NO. 6AC

DRYING
D33820FND
CONT ON SHEET 6AD SH NO. 6AC



TOP VIEW

FRONT VIEW

AIR FLOW

DL116

PRINTS TO

MADE BY P. S. PATE
ISSUED 12-7-84
APPROVALS P. S. P.
DRIVE SYSTEMS
SALEM, VA.
D33820FND
CONT ON SHEET 6AD SH NO. 6AC

REV.	DESCRIPTION	DATE

CARD

PRINTED IN U.S.A.

GEX - 83859
0673J
Extras

POWER CONVERSION MODULE - 1000 HP @ 600VAC - DS3820PCD

GEX - 83846

REPLACEMENT (Continued):

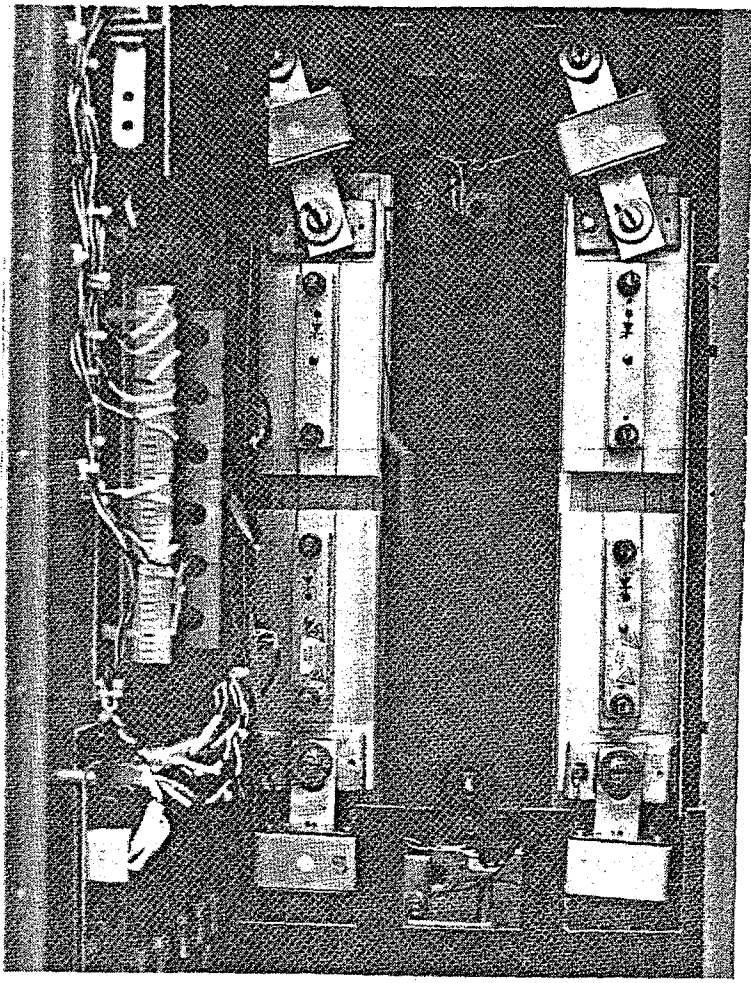


FIGURE 2 - PCM WITH ONE CELL STACK ASSEMBLY REMOVED

Removal and Replacement of PCM Fans

Refer to Figure 3 during the following procedures.

REMOVAL:

1. Remove all power from the panel. Open the PCM door and remove three screws at the bottom front edge. Unplug the wire snap-lock connectors.

REPLACEMENT (Continued):

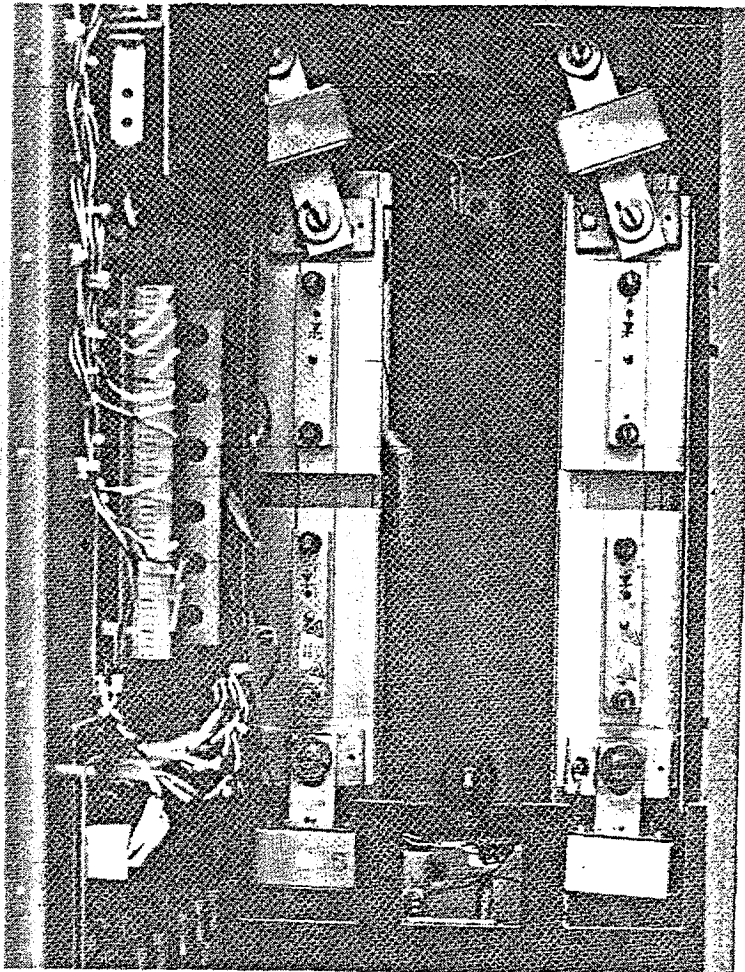


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REPLACEMENT (Continued):

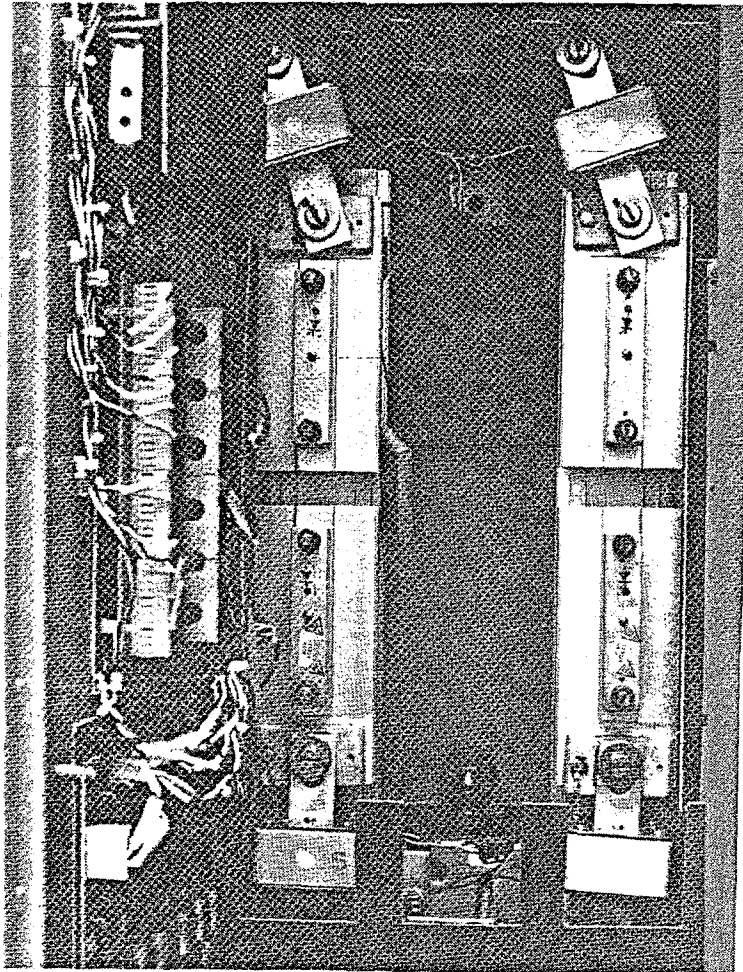


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REPLACEMENT (Continued):

2. Reassemble in reverse order of the removal procedure described above. Torque stack assembly and fuse mounting hardware to 12.5 foot-pounds. Glastic baffles must be replaced exactly as they were to prevent possible overheating of the cells.

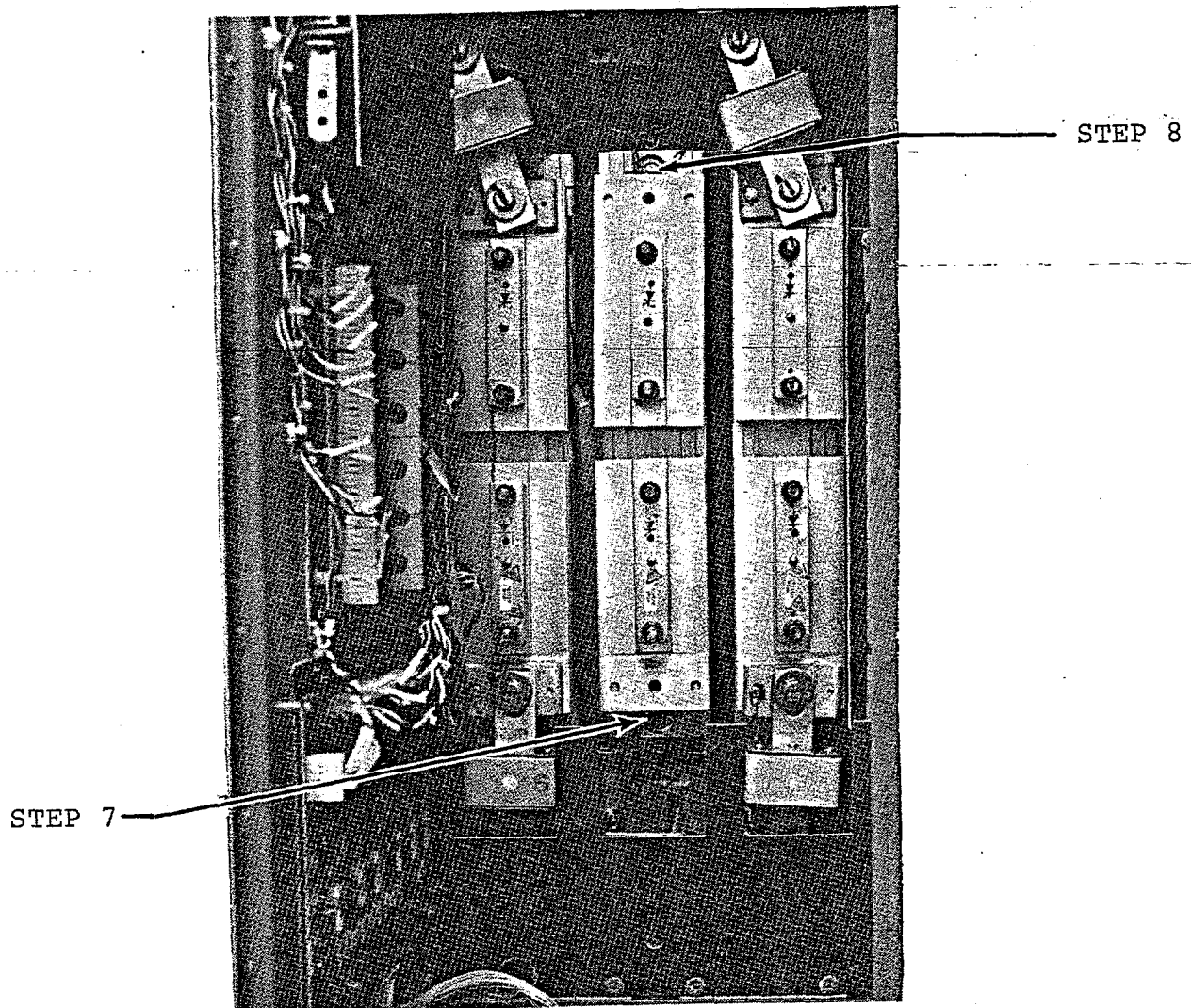


Figure 1 - PCM CELL STACK ASSEMBLY READY TO BE REMOVED.

REPLACEMENT (Continued):

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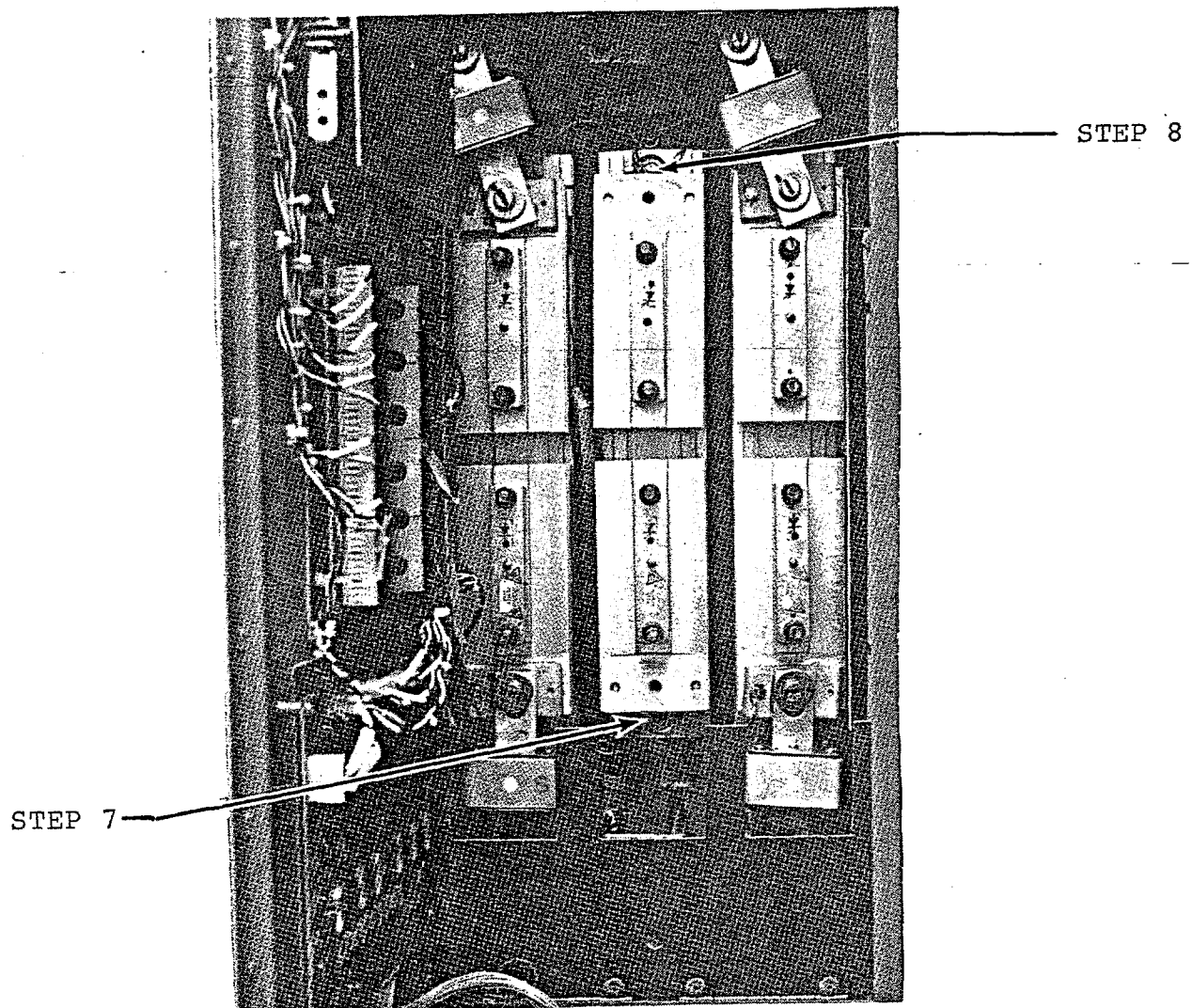


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REPLACEMENT (Continued):

2. Reassemble in reverse order of the removal procedure described above. Torque stack assembly and fuse mounting hardware to 12.5 foot-pounds. Glastic baffles must be replaced exactly as they were to prevent possible overheating of the cells.

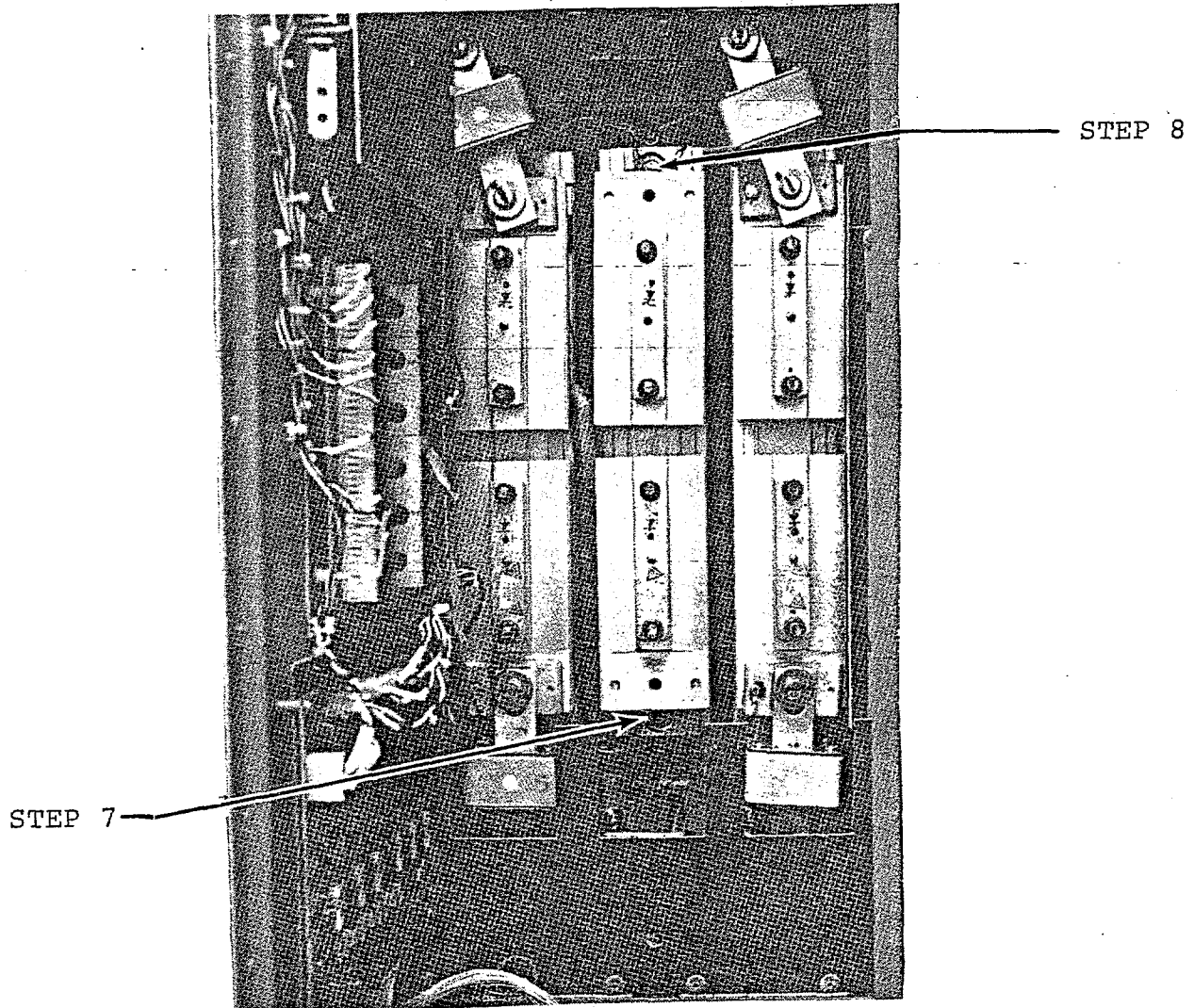


Figure 1 - PCM CELL STACK ASSEMBLY READY TO BE REMOVED

REPLACEMENT (Continued):

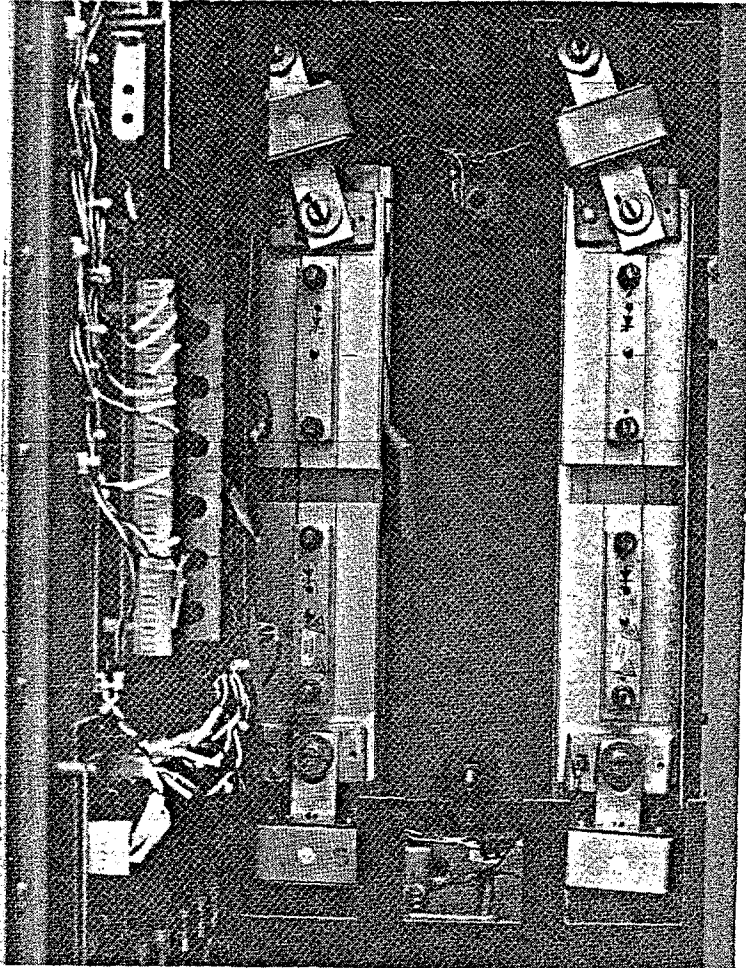


FIGURE 2 - PCM WITH ONE CELL STACK ASSEMBLY REMOVED

Removal and Replacement of PCM Fans

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REPLACEMENT (Continued):

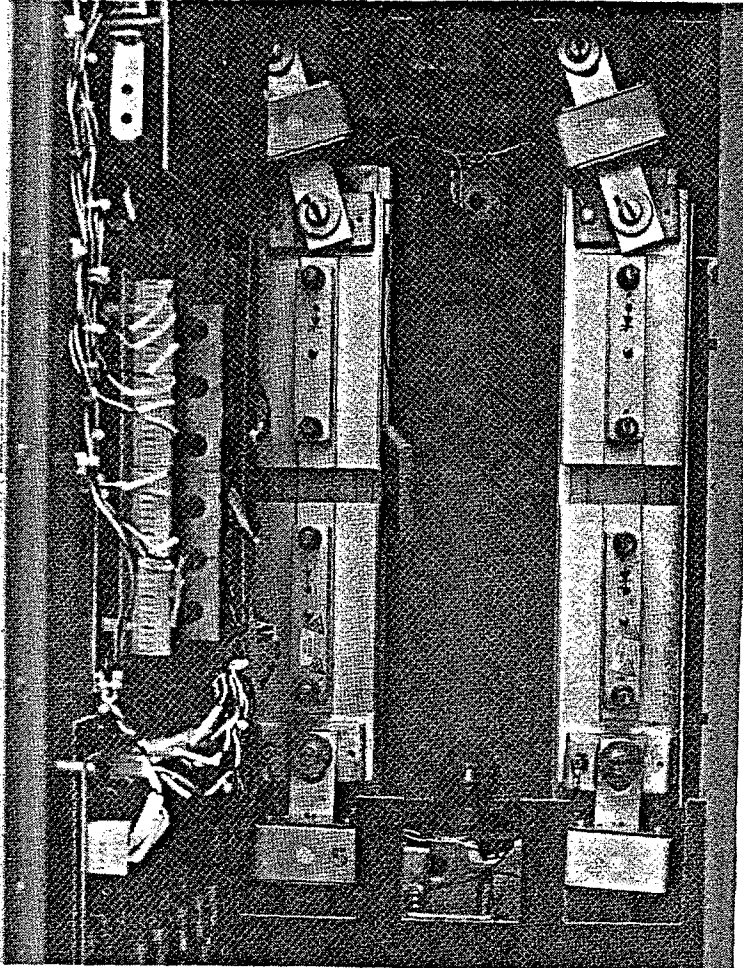


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