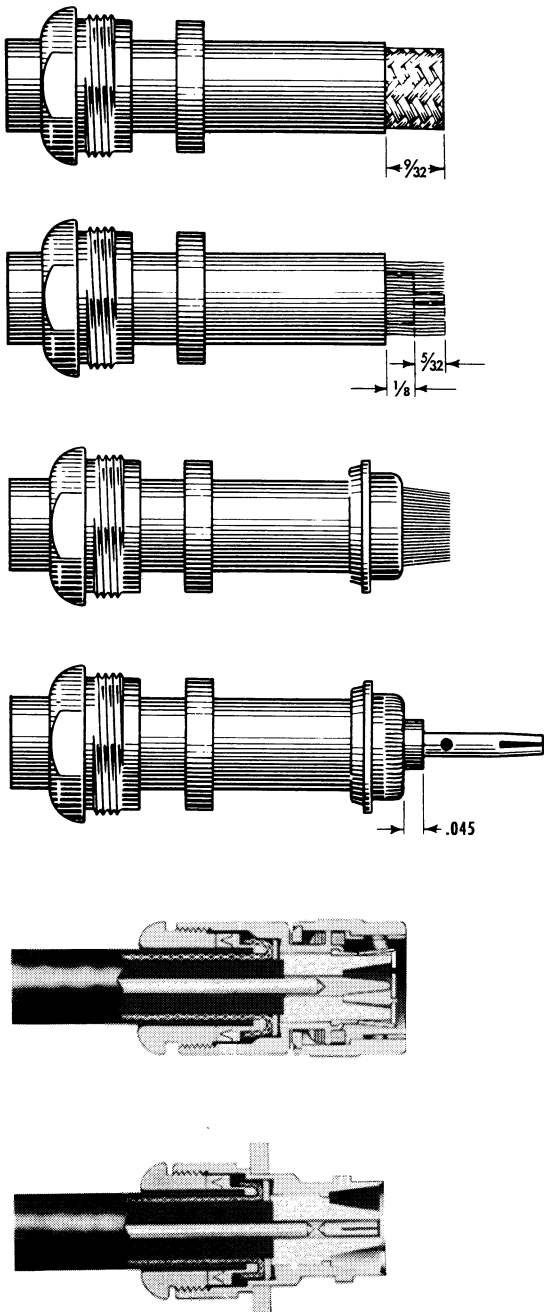
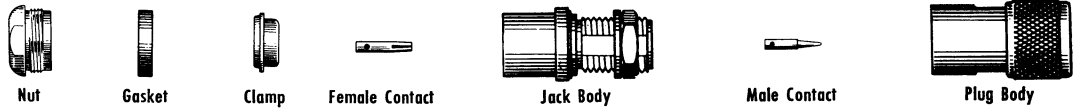


# SECTION VII ILLUSTRATIONS

## Connector Assembly Instructions

## IMPROVED SERIES N



Place nut and gasket over cable and cut off jacket  $\frac{3}{32}$ " from end.

Comb out braid and fold out. Cut off cable dielectric flush  $\frac{1}{8}$ " from end of jacket.

Pull braid wires forward and taper toward center conductor. Place clamp over braid and push back against cable jacket.

Fold back braid wires as shown, trim to proper length and form over clamp as shown. Solder contact to center conductor.

Insert cable and parts into connector body. Make sure sharp edge of clamp seats properly in gasket. Tighten nut.

Figure 7-1. Connector Assembly Instructions

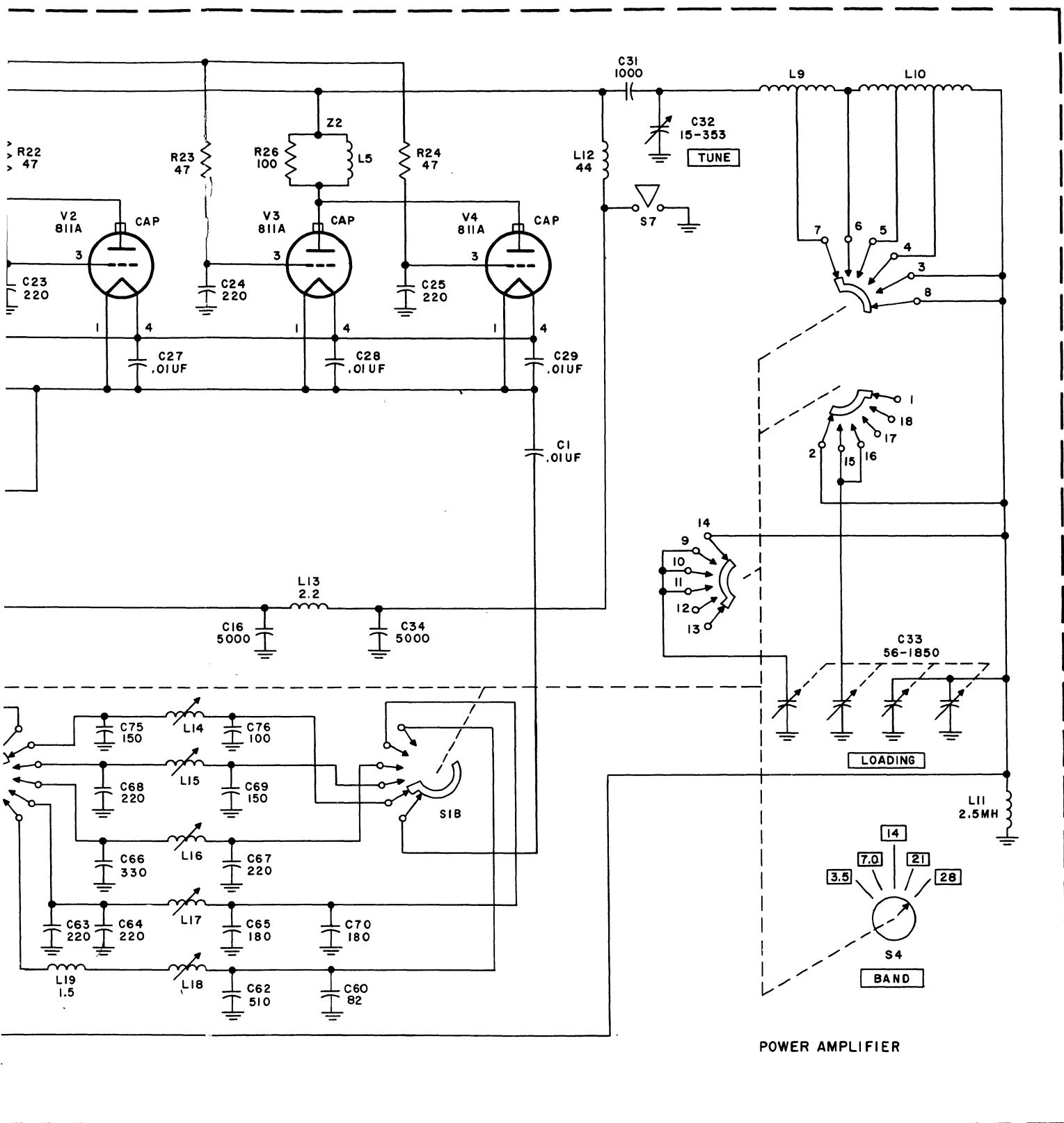
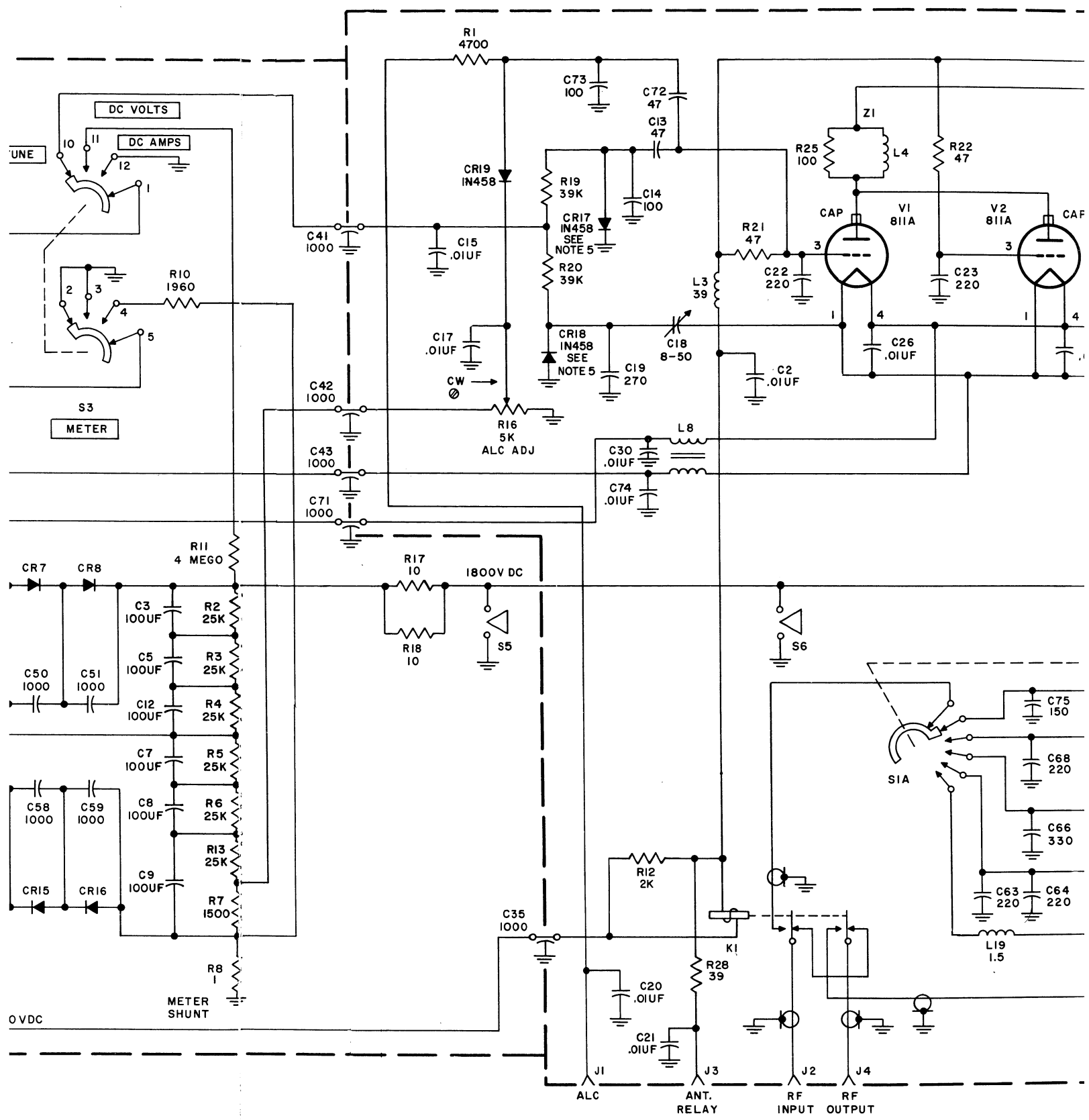


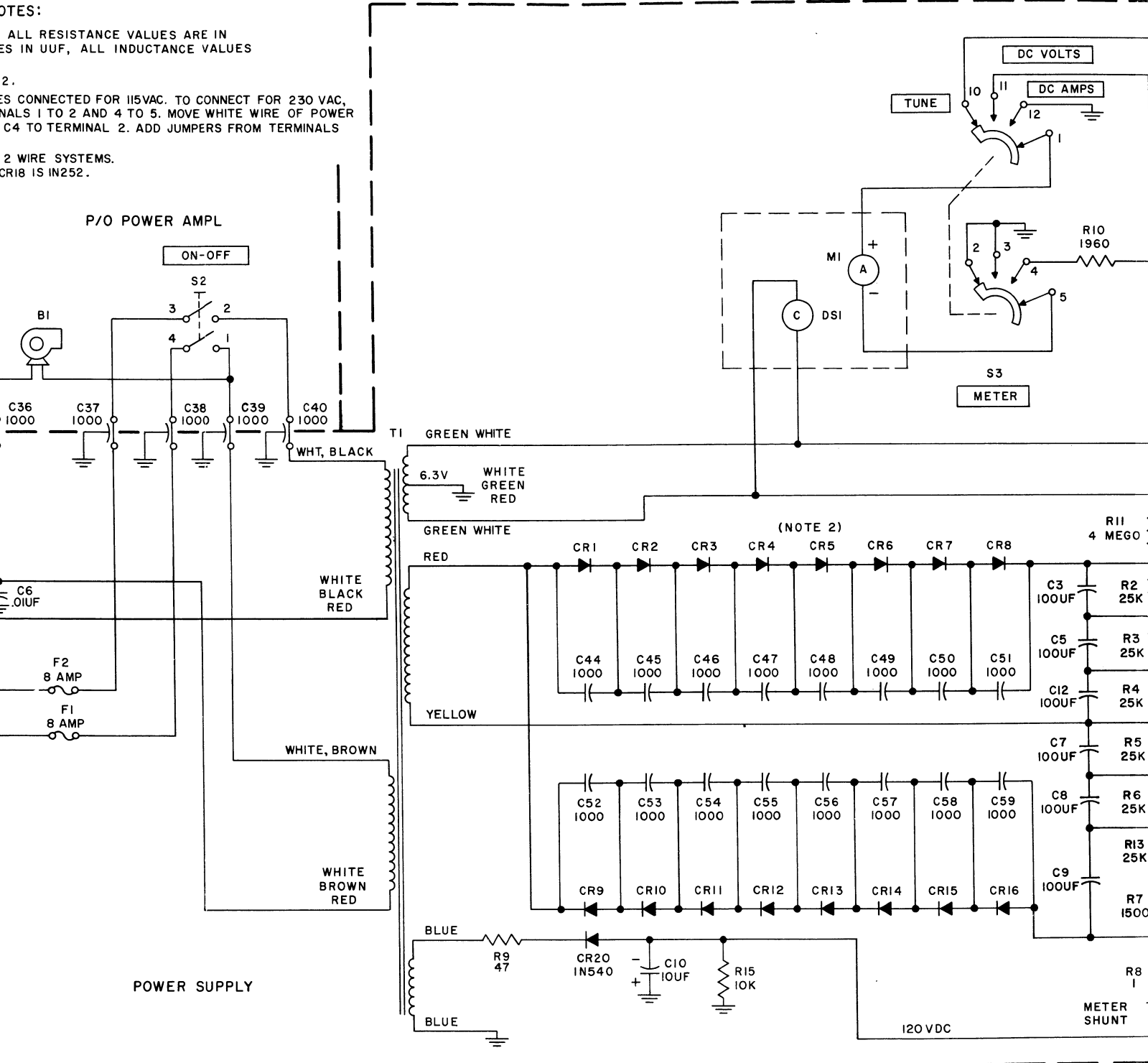
Figure 7-2. 30L-1 Schematic Diagram



NOTES:  
 ALL RESISTANCE VALUES ARE IN OHMS UNLESS SPECIFIED OTHERWISE.  
 ALL CAPACITANCE VALUES ARE IN MICROFARADS UNLESS SPECIFIED OTHERWISE.

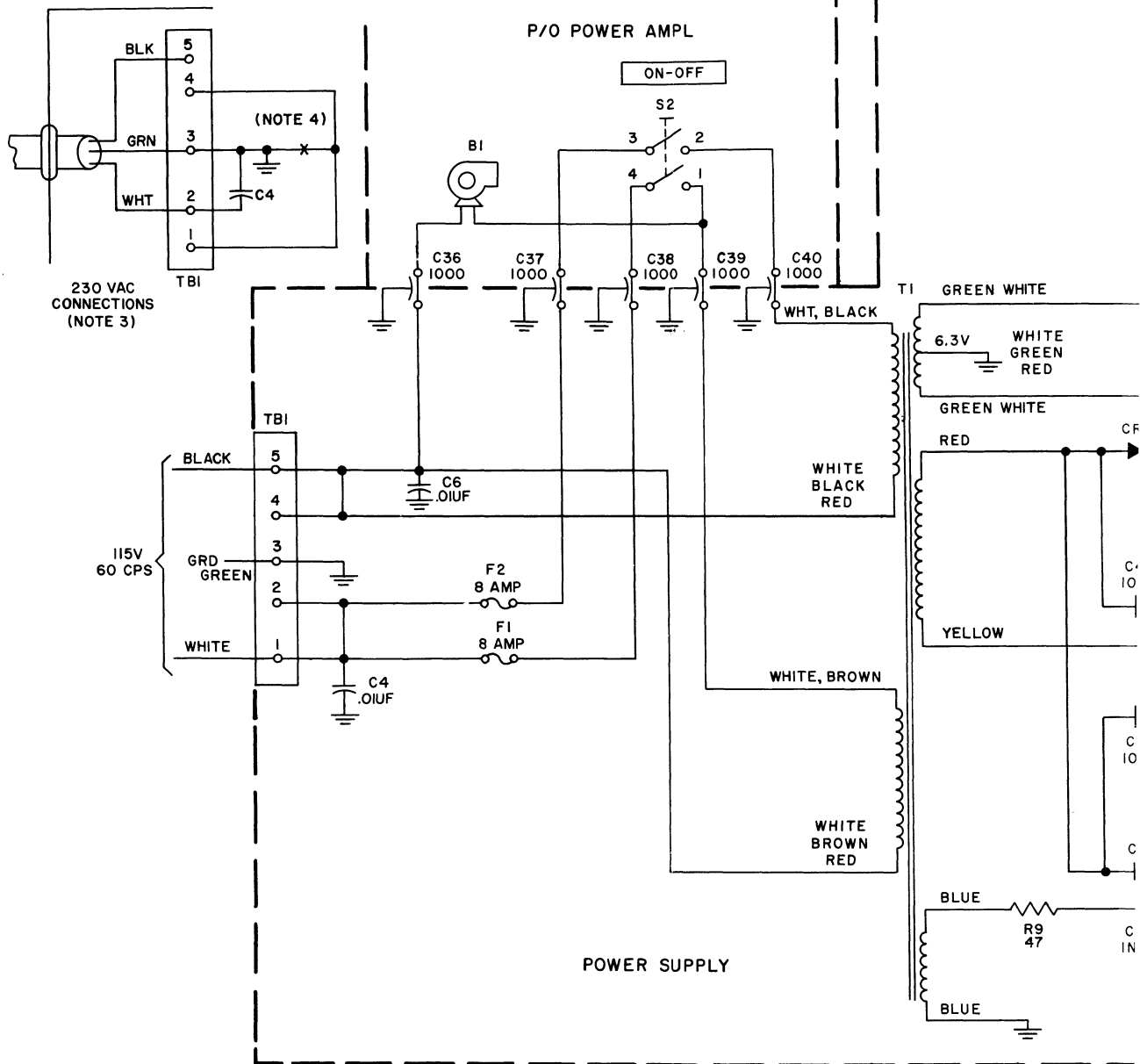
12.  
 ES CONNECTED FOR 115VAC. TO CONNECT FOR 230 VAC, MOVE WIRE OF POWER FROM TERMINAL 1 TO 2 AND 4 TO 5. MOVE WHITE WIRE OF POWER FROM TERMINAL 3 TO 4. ADD JUMPERS FROM TERMINALS 1 AND 2 TO 3 AND 4 TO 5.

2 WIRE SYSTEMS.  
 CR18 IS IN252.



NOTES:

1. UNLESS OTHERWISE INDICATED, ALL RESISTANCE VALUES ARE IN OHMS, ALL CAPACITANCE VALUES IN UUF, ALL INDUCTANCE VALUES ARE IN UH.
2. CRI THRU CRI6 ARE ALL IN1492.
3. AMPLIFIER SHIPPED WITH PRIMARIES CONNECTED FOR 115VAC. TO CONNECT FOR 230 VAC, REMOVE JUMPERS ON TBI, TERMINALS 1 TO 2 AND 4 TO 5. MOVE WHITE WIRE OF POWER CORD AND UNGROUNDED LEAD OF C4 TO TERMINAL 2. ADD JUMPERS FROM TERMINALS 1 AND 4 TO 3.
4. BREAK AT POINT X FOR 230 VAC, 2 WIRE SYSTEMS.
5. ALTERNATE TYPE FOR CRI7 AND CRI8 IS IN252.



# Electrical Wire Code

**EXAMPLES:**

DA 92	UNSHIELDED WIRE, POLYVINYL, NO. 22 AWG, WHITE WITH A RED TRACER										
	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;"><u>  D  </u></td> <td style="text-align: center;"><u>  A  </u></td> <td style="text-align: center;"><u>  9  </u></td> <td style="text-align: center;"><u>  2  </u></td> </tr> <tr> <td style="text-align: center;">Type of Wire</td> <td style="text-align: center;">Size of Wire</td> <td style="text-align: center;">Color of Body</td> <td style="text-align: center;">Color of Tracers</td> </tr> </table>	<u>  D  </u>	<u>  A  </u>	<u>  9  </u>	<u>  2  </u>	Type of Wire	Size of Wire	Color of Body	Color of Tracers		
<u>  D  </u>	<u>  A  </u>	<u>  9  </u>	<u>  2  </u>								
Type of Wire	Size of Wire	Color of Body	Color of Tracers								
DAS 9123	SHIELDED WIRE (SINGLE) POLYVINYL, NO. 22 AWG, WHITE BODY WITH BROWN, RED AND ORANGE TRACERS										
	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;"><u>  D  </u></td> <td style="text-align: center;"><u>  A  </u></td> <td style="text-align: center;"><u>  S  </u></td> <td style="text-align: center;"><u>  9  </u></td> <td style="text-align: center;"><u> 123 </u></td> </tr> <tr> <td style="text-align: center;">Type of Wire</td> <td style="text-align: center;">Size of Wire</td> <td style="text-align: center;">Shielded</td> <td style="text-align: center;">Color of Body</td> <td style="text-align: center;">Color of Tracers</td> </tr> </table>	<u>  D  </u>	<u>  A  </u>	<u>  S  </u>	<u>  9  </u>	<u> 123 </u>	Type of Wire	Size of Wire	Shielded	Color of Body	Color of Tracers
<u>  D  </u>	<u>  A  </u>	<u>  S  </u>	<u>  9  </u>	<u> 123 </u>							
Type of Wire	Size of Wire	Shielded	Color of Body	Color of Tracers							
DASJ (9) (92)	SHIELDED AND JACKETED WIRE (MULTIPLE), POLYVINYL, NO. 22 AWG, WHITE AND WHITE WITH RED TRACER										
	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;"><u>  D  </u></td> <td style="text-align: center;"><u>  A  </u></td> <td style="text-align: center;"><u> SJ </u></td> <td style="text-align: center;"><u> (9) </u></td> <td style="text-align: center;"><u> (92) </u></td> </tr> <tr> <td style="text-align: center;">Type of Wire</td> <td style="text-align: center;">Size of Wire</td> <td style="text-align: center;">Shielded and Jacketed</td> <td style="text-align: center;">First Conductor</td> <td style="text-align: center;">Second Conductor</td> </tr> </table>	<u>  D  </u>	<u>  A  </u>	<u> SJ </u>	<u> (9) </u>	<u> (92) </u>	Type of Wire	Size of Wire	Shielded and Jacketed	First Conductor	Second Conductor
<u>  D  </u>	<u>  A  </u>	<u> SJ </u>	<u> (9) </u>	<u> (92) </u>							
Type of Wire	Size of Wire	Shielded and Jacketed	First Conductor	Second Conductor							
A2A 91	UNSHIELDED WIRE, IRRADIATED POLYOLEFIN, NO. 22 AWG, WHITE WITH BLACK TRACER										
	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;"><u> A2 </u></td> <td style="text-align: center;"><u>  A  </u></td> <td style="text-align: center;"><u>  9  </u></td> <td style="text-align: center;"><u>  1  </u></td> </tr> <tr> <td style="text-align: center;">Type of Wire</td> <td style="text-align: center;">Size of Wire</td> <td style="text-align: center;">Color of Body</td> <td style="text-align: center;">Color of Tracer</td> </tr> </table>	<u> A2 </u>	<u>  A  </u>	<u>  9  </u>	<u>  1  </u>	Type of Wire	Size of Wire	Color of Body	Color of Tracer		
<u> A2 </u>	<u>  A  </u>	<u>  9  </u>	<u>  1  </u>								
Type of Wire	Size of Wire	Color of Body	Color of Tracer								

TYPE OF WIRE CODE		SIZE OF WIRE		COVERING OF WIRE	COLOR CODE	
CODE	DESCRIPTION	CODE	SIZE		CODE	TYPE
A	Cotton Braid Over Plastic	A	No. 22 AWG		0	Black
A2	Irradiated Modified Polyolefin, (300 Volts)	B	No. 20		1	Brown
A3	Irradiated Modified Polyolefin, (600 Volts)	C	No. 18		2	Red
A4	Irradiated Modified Polyolefin, (1000 Volts)	D	No. 16		3	Orange
A5	Irradiated Modified Polyolefin, (3000 Volts)	E	No. 14		4	Yellow
B	Busswire, Round Tinned	F	No. 12		5	Green
C	Polyvinyl Chloride, MIL-W-16878, Type B (600 Volts) (No. 20-18-16)	G	No. 10		6	Blue
D	Polyvinyl Chloride, MIL-W-16878, Type B (600 Volts) (No. 22-26-28)	H	No. 8		7	Violet
E	Vinyl, MIL-W-5086, Type I (600 Volts)	J	No. 6		8	Gray (Slate)
E2	Vinyl, MIL-W-5086, Type II (600 Volts) (No. 22-12) Note 1	K	No. 4		9	White
E3	Vinyl, MIL-W-5086, Type II (600 Volts) (No. 0000-10) Note 2	L	No. 2		a	Clear
E4	Vinyl, MIL-W-5086, Type III (600 Volts) (No. 12-22) Note 3	M	No. 1		b	Tan
E5	Vinyl, MIL-W-5086, Type III (600 Volts) (No. 0000-10) Note 4	N	No. 0		c	Pink
G		P	No. 00		d	Maroon
H	Kel-F (Monochlorotrifluoroethylene)	Q	No. 000		e	Light Green
I	Not Available	R	No. 0000	S	f	Light Blue
J		T	No. 28			
K	Neon Sign Cable (15,000 Volts)	V	No. 26	SJ		
L	Silicone, MIL-W-16878, Type FF (600 Volts)	W	No. 24	&		
L2	Silicone, MIL-W-16878, Type FFW (1000 Volts)	X	No. 19	Jacketed		
L3	Silicone, Non-MIL (5000 Volts)	Y	No. 30			
L4	Silicone, Non-MIL (10,000 Volts)	Z				
L5	Silicone, Non-MIL (15,000 Volts)					
M						
N	Single Conductor Stranded (Non-Rubber)					
O	Not Available					
P	Single Conductor Stranded (Rubber Covered)					
Q						
R	Polyvinyl Chloride, MIL-W-16878, Type C (1000 Volts)					
S	Not Available					
T	Teflon (TFE), MIL-W-16878, Type E (600 Volts) Stranded					
U	Not Available					
V	Polyvinyl Chloride, MIL-W-16878, Type D (3000 Volts)					
W	Teflon (TFE), MIL-W-16878, Type EE (1000 Volts)					
X	Teflon (TFE), MIL-W-16878, Type ET (250 Volts)					
X2	Teflon (FEP), MIL-W-16878, Type K (600 Volts)					
X3	Teflon (FEP), MIL-W-16878, Type KT (250 Volts)					
X4	Teflon (TFE), Non-MIL (3000 Volts)					
Y	Telephone Type, Polyvinyl					
Y1	Teflon (TFE), Non-MIL; Solid Conductor					
Z	Telephone Type, Braided Yarn					

- Note 1 - Extruded nylon over fiber glass braid.
- Note 2 - Braided, lacquered nylon over fiber glass braid.
- Note 3 - Extruded nylon over secondary vinyl over fiber glass over primary vinyl.
- Note 4 - Lacquered extruded nylon over secondary vinyl over fiber glass over primary vinyl.

