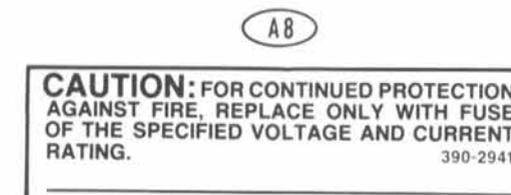
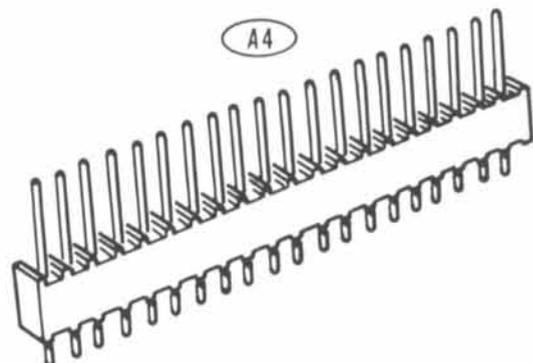
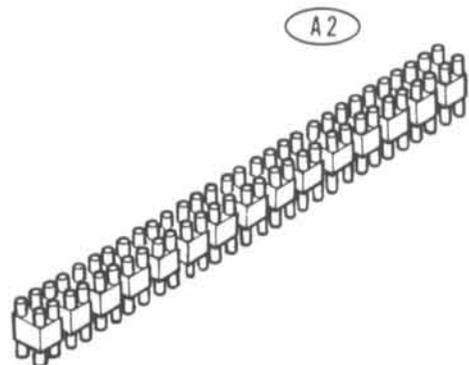
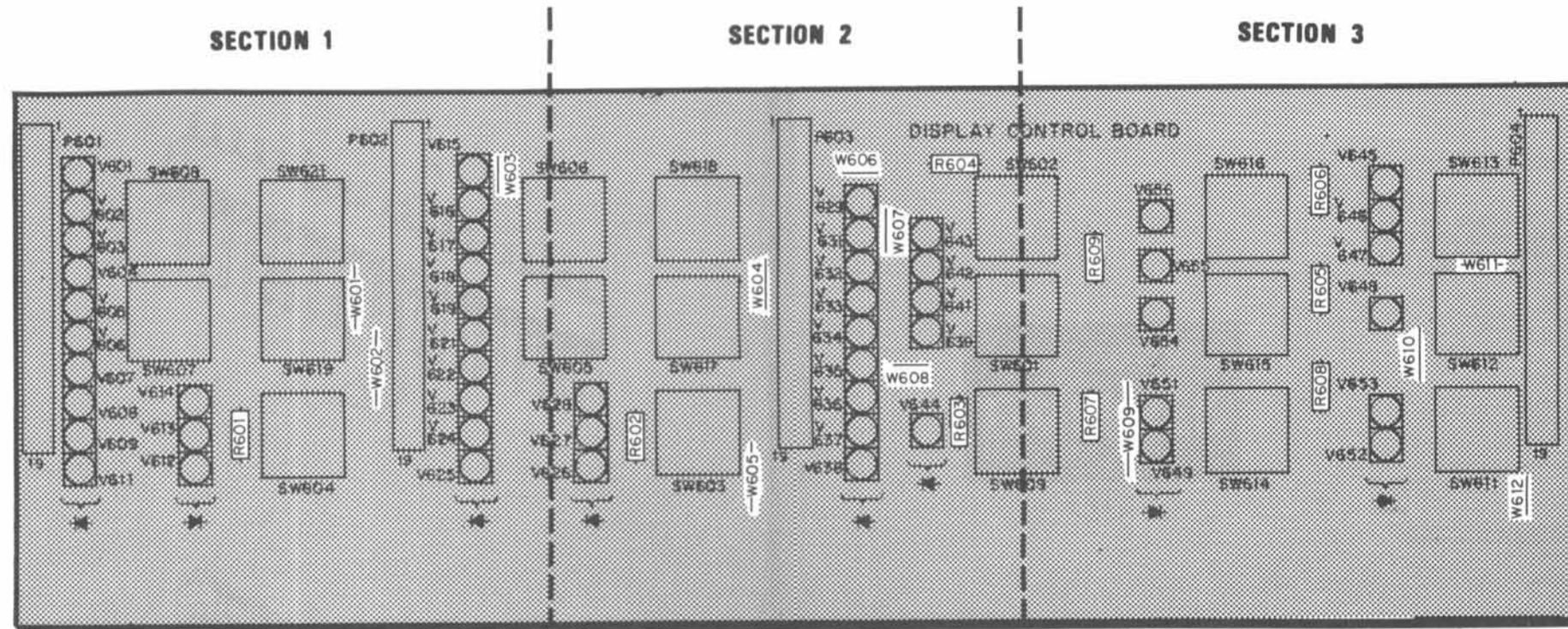


ILLUSTRATION BOOKLET

Part of 595-3323

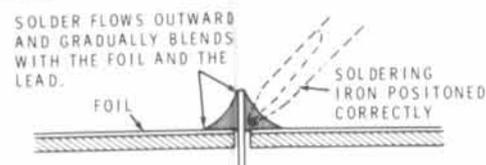
DISPLAY CONTROL CIRCUIT BOARD PARTS PICTORIAL





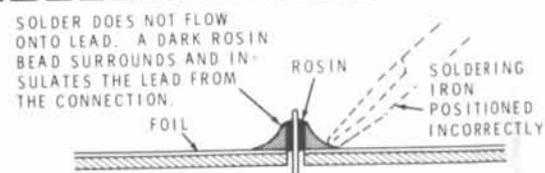
PICTORIAL 1-1

A GOOD SOLDER CONNECTION

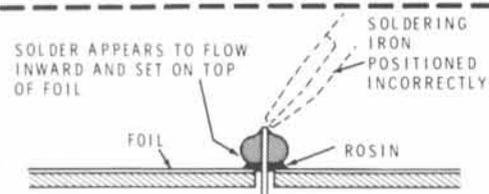


When you heat the lead and the circuit board foil at the same time, the solder will flow evenly onto the lead and the foil. The solder will make a good electrical connection between the lead and the foil.

POOR SOLDER CONNECTIONS



When the lead is not heated sufficiently, the solder will not flow onto the lead as shown above. To correct, reheat the connection and, if necessary, apply a small amount of additional solder to obtain a good connection.

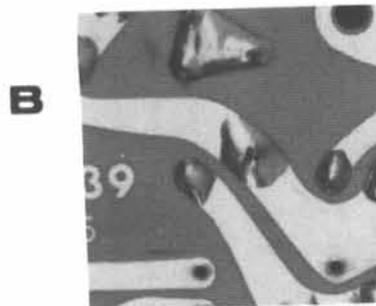
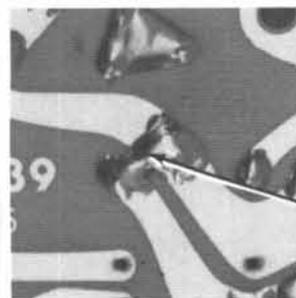


When the foil is not heated sufficiently the solder will blob on the circuit board as shown above. To correct, reheat the connection and, if necessary, apply a small amount of additional solder to obtain a good connection.

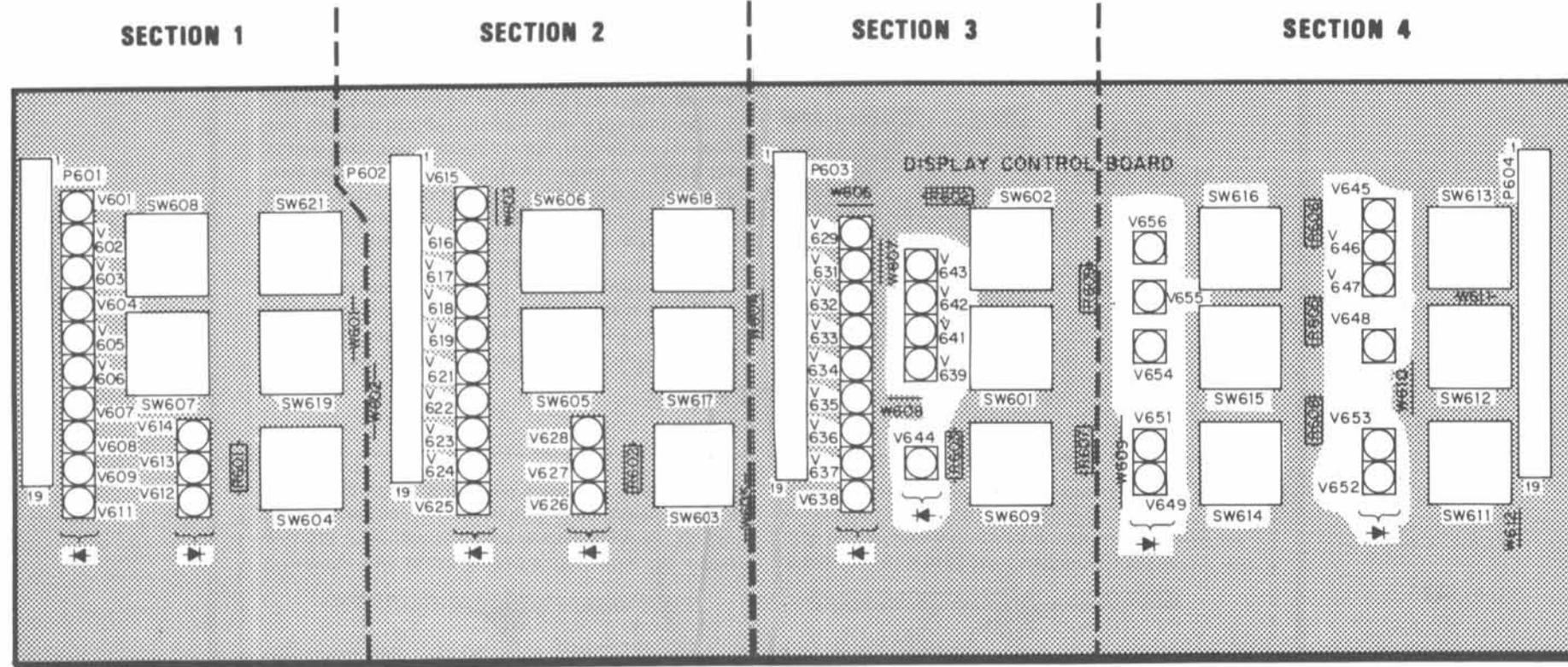
SOLDER BRIDGES

A solder bridge between two adjacent foils is shown in photograph A. Photograph B shows how the connection should appear. A solder bridge may occur if you accidentally touch an adjacent previously soldered connection, if you use too much solder, or if you "drag" the soldering iron across other foils as you remove it from the connection. A good rule to follow is: always take a good look at the foil area around each lead before you solder it. Then, when you solder the connection, make sure the solder remains in this area and does not bridge to another foil. This is especially important when the foils are small and close together. NOTE: It is alright for solder to bridge two connections on the same foil.

Use only enough solder to make a good connection, and lift the soldering iron straight up from the circuit board. If a solder bridge should develop, turn the circuit board foil-side-down and heat the solder between connections. The excess solder will run onto the tip of the soldering iron, and this will remove the solder bridge. NOTE: The foil side of most circuit boards has a coating on it called "solder resist." This is a protective insulation to help prevent solder bridges.

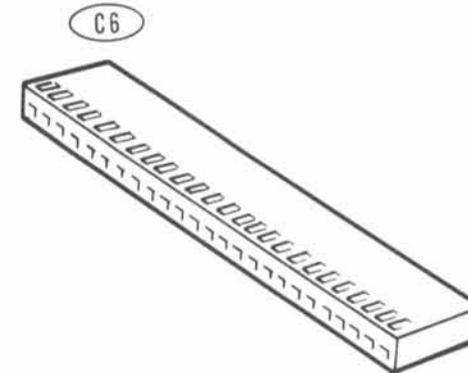
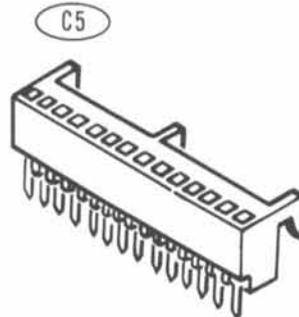
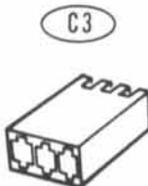


Detail 1-1A



PICTORIAL 1-2

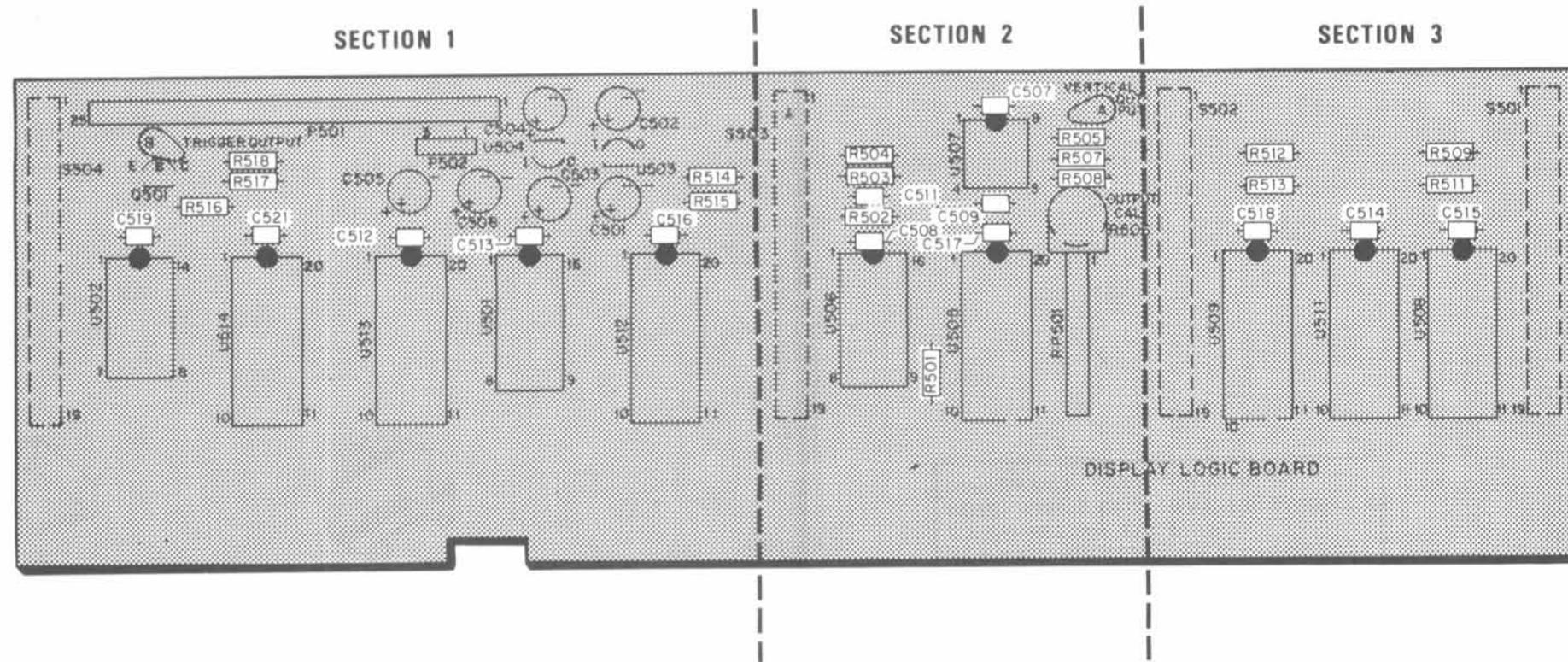
DISPLAY LOGIC CIRCUIT BOARD PARTS PICTORIAL



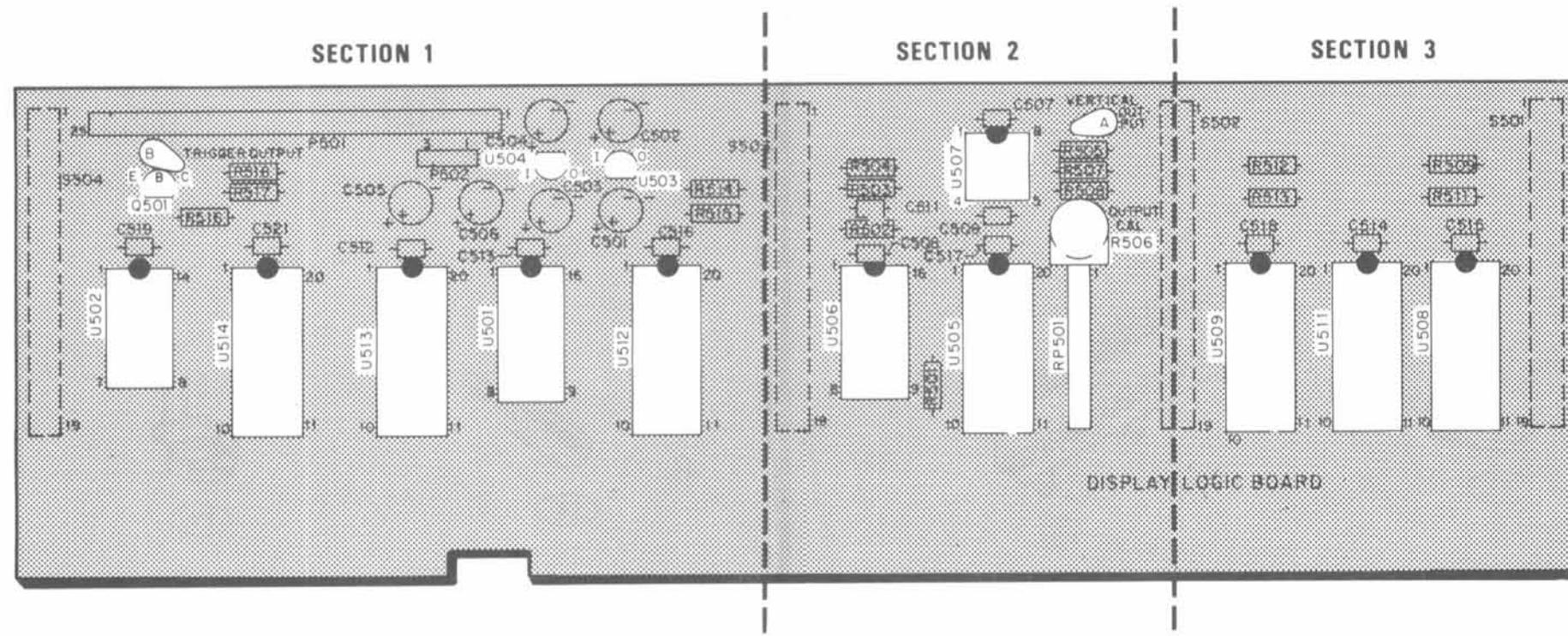
C7

ALWAYS IDENTIFY AN I.C. SOCKET BY COUNTING ITS PINS.
NOTE: THE STYLE MAY BE SLIGHTLY DIFFERENT THAN SHOWN.

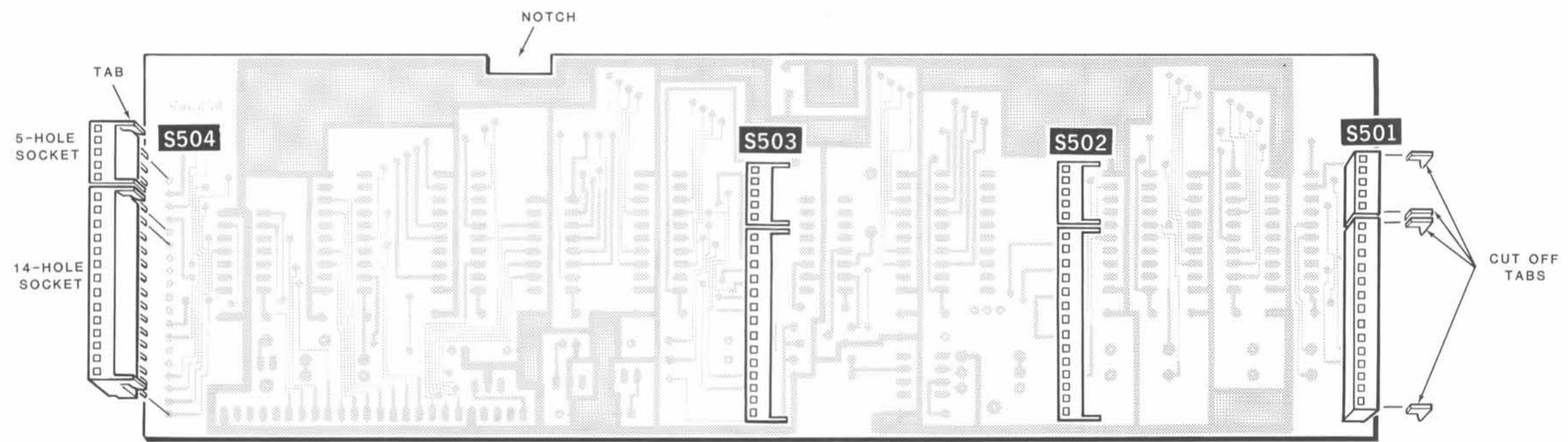
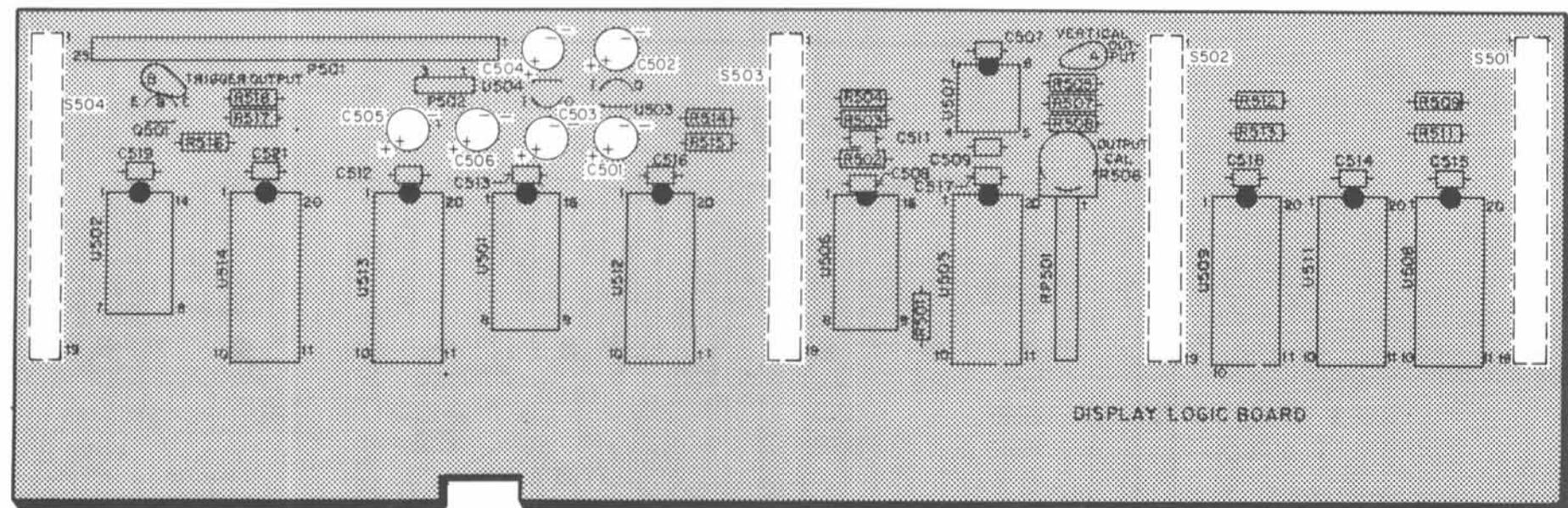




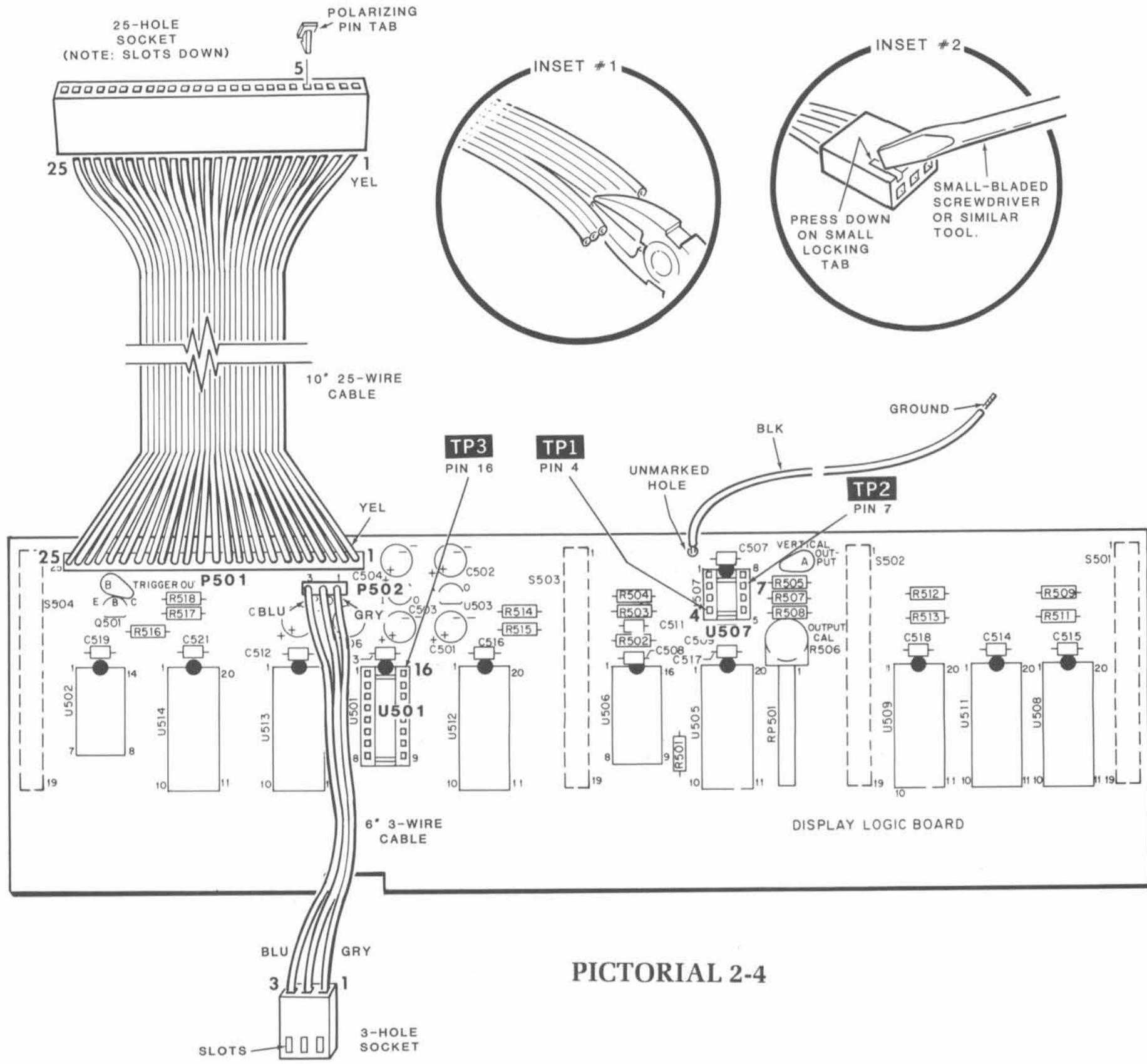
PICTORIAL 2-1



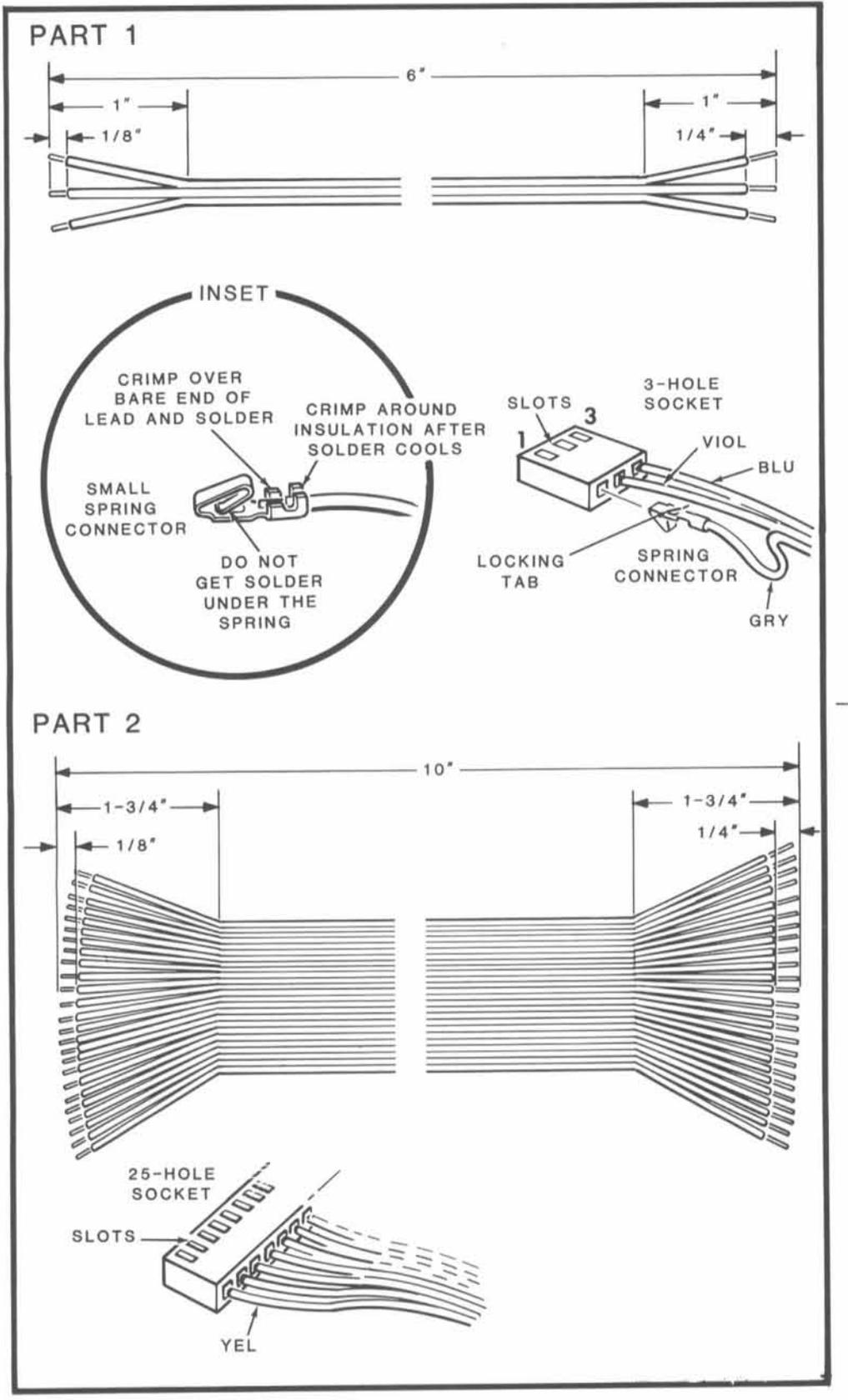
PICTORIAL 2-2



PICTORIAL 2-3

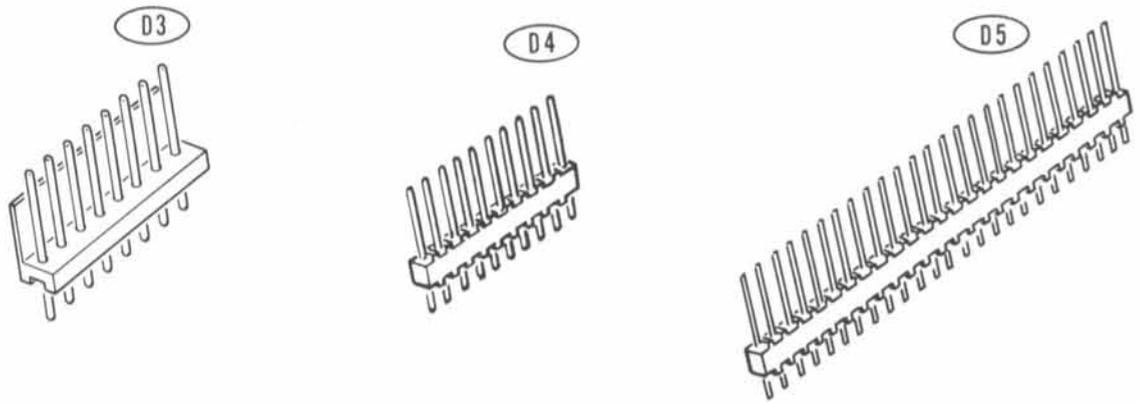
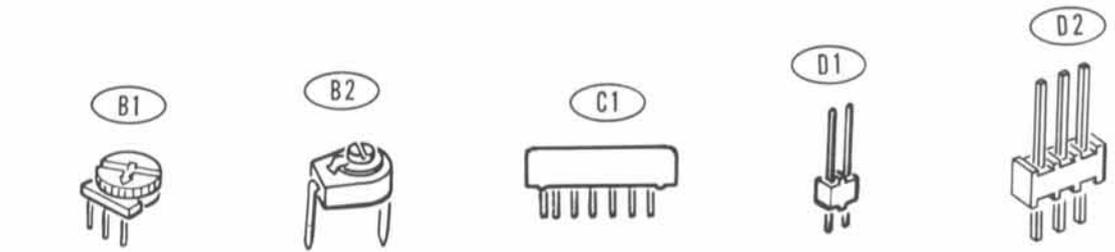
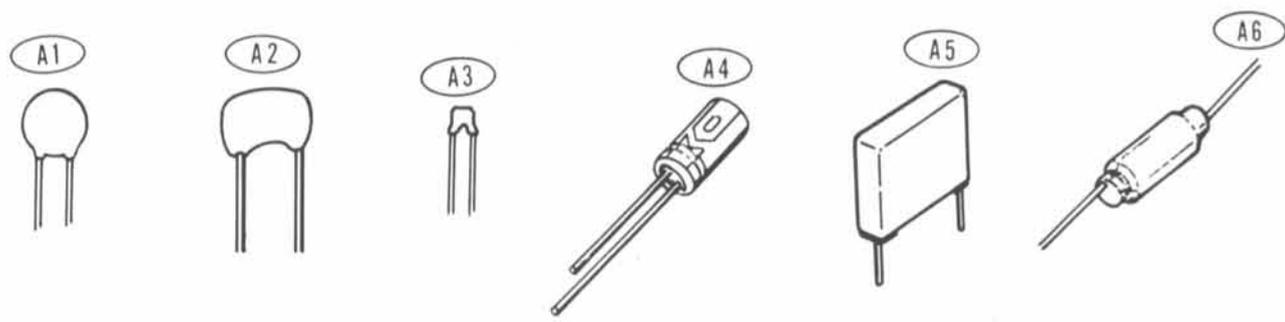


PICTORIAL 2-4



Detail 2-4A

MAIN CIRCUIT BOARD PARTS PICTORIAL



D6

ALWAYS IDENTIFY AN I.C. SOCKET BY COUNTING ITS PINS.
NOTE: THE STYLE MAY BE SLIGHTLY DIFFERENT THAN SHOWN.

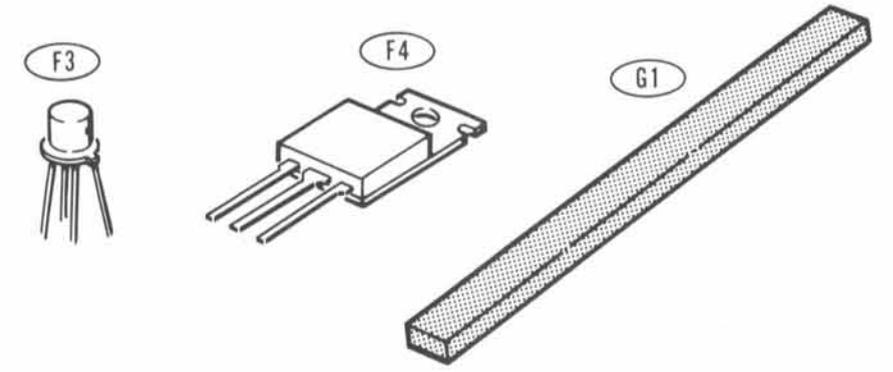


F1

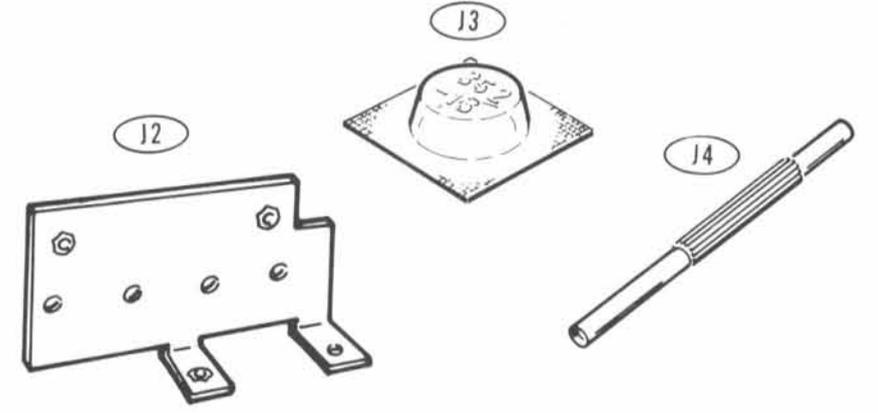
IMPORTANT: THE BANDED END OF DIODES CAN BE MARKED IN A NUMBER OF WAYS.

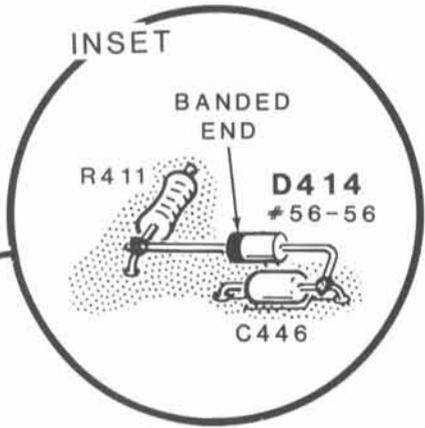
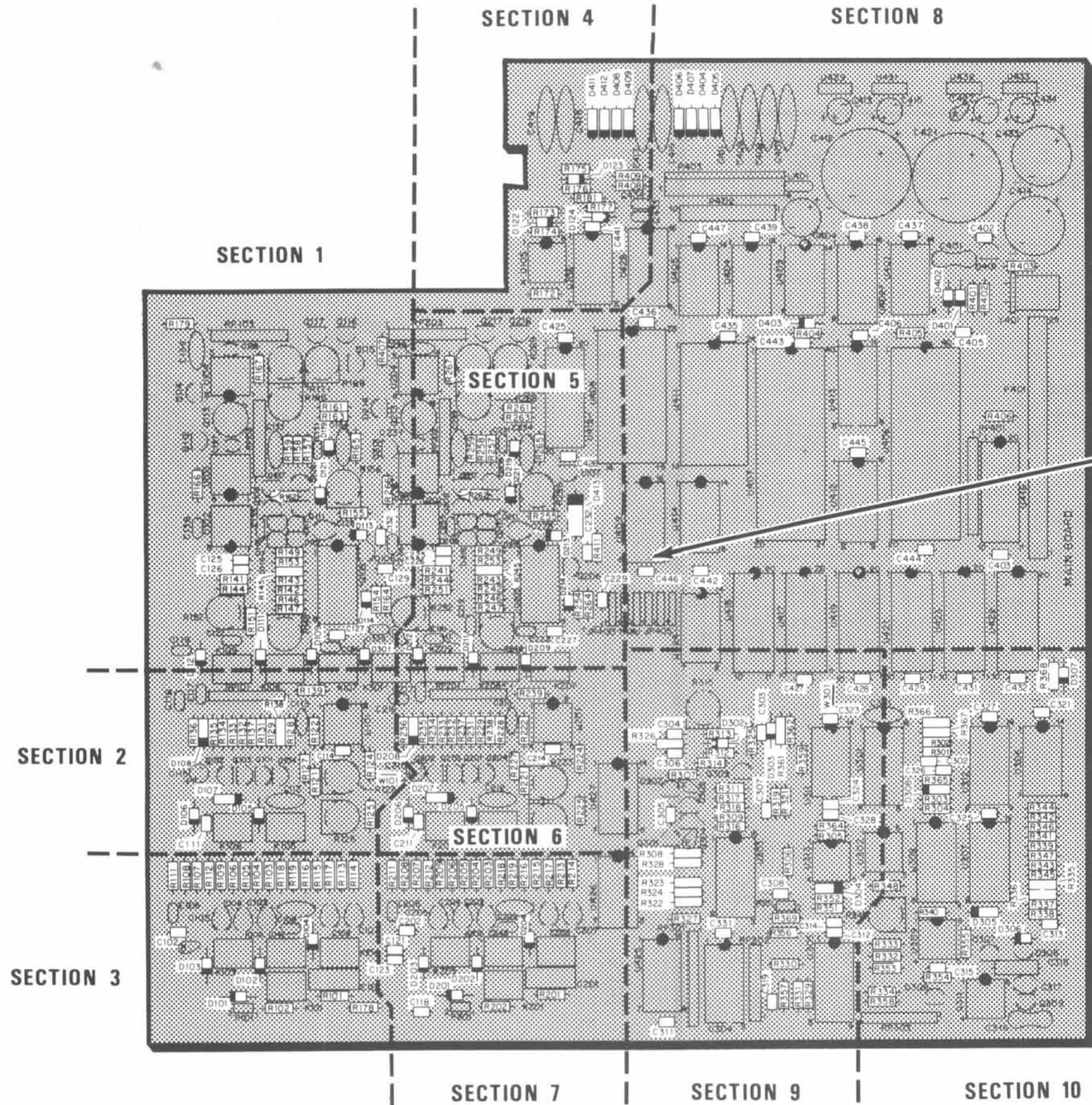
BANDED END (CATHODE)

F2

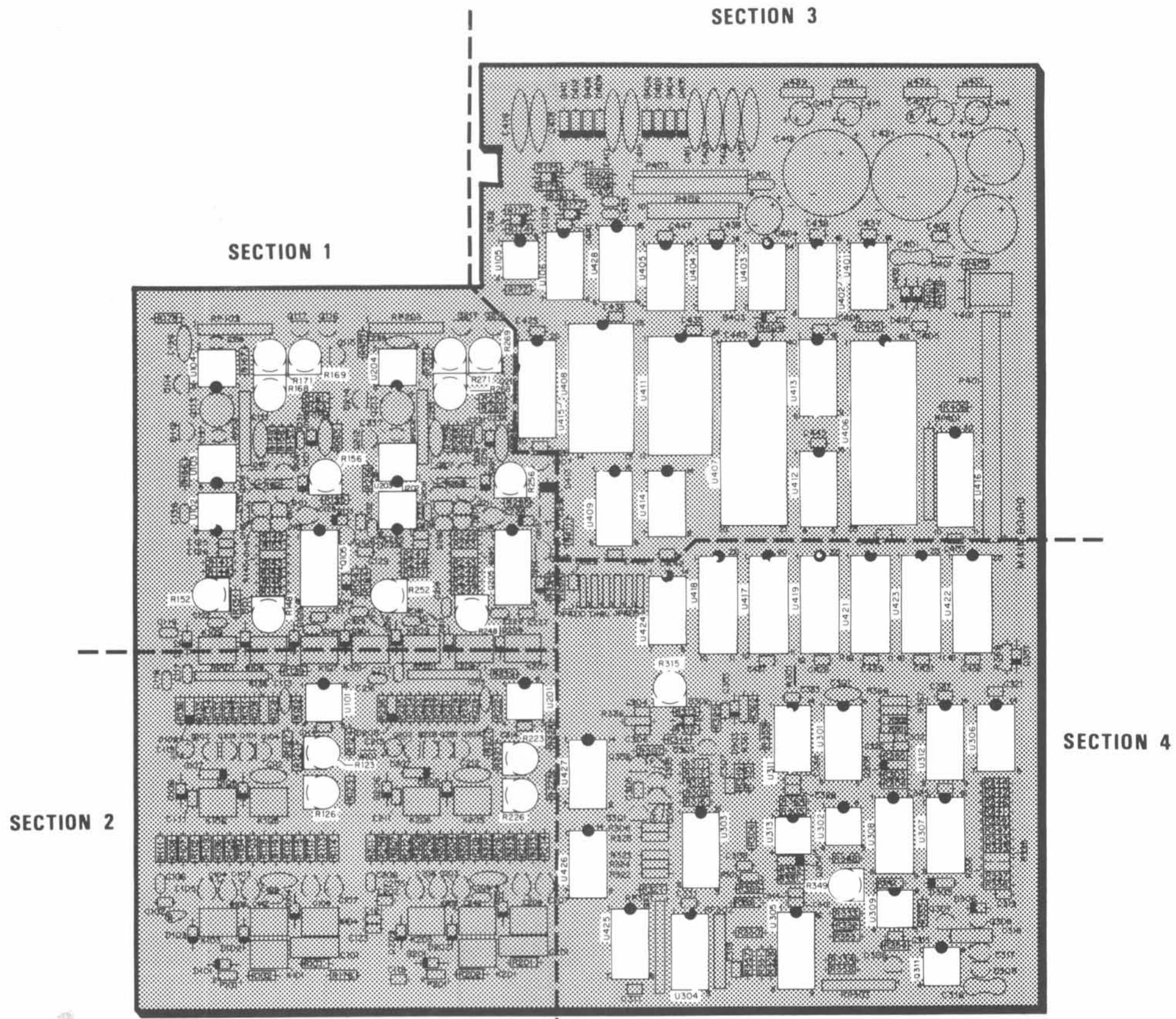


J1

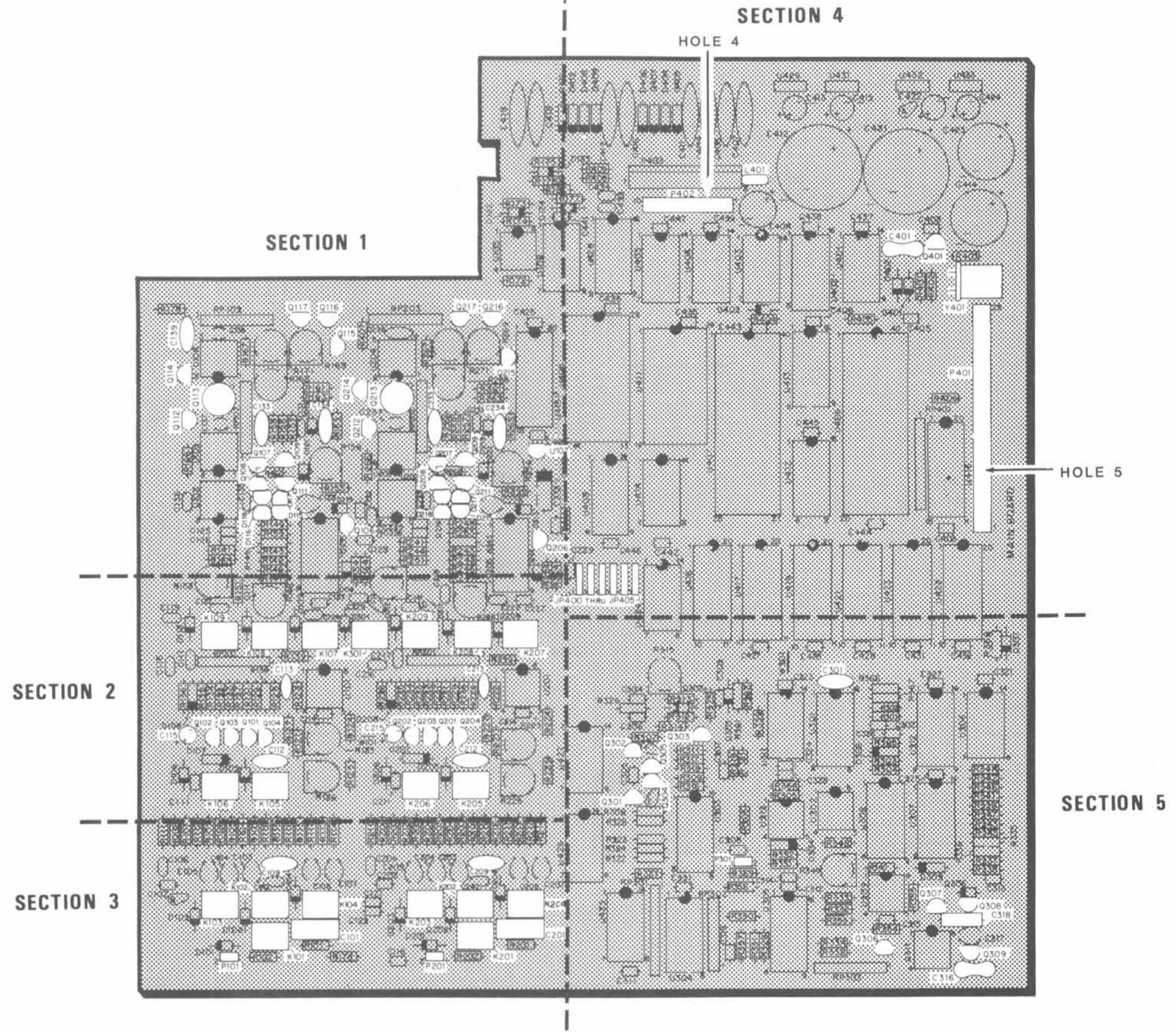




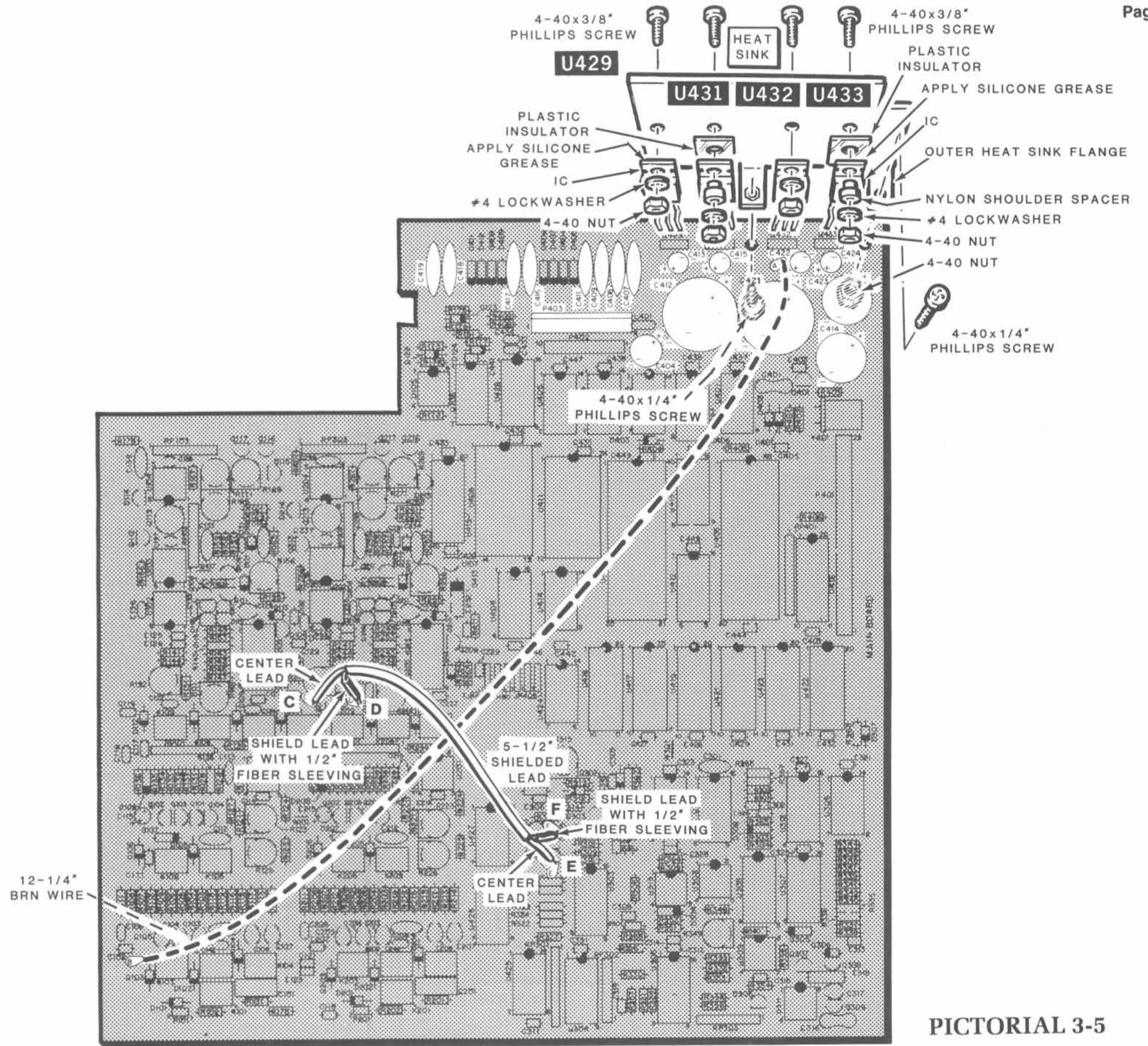
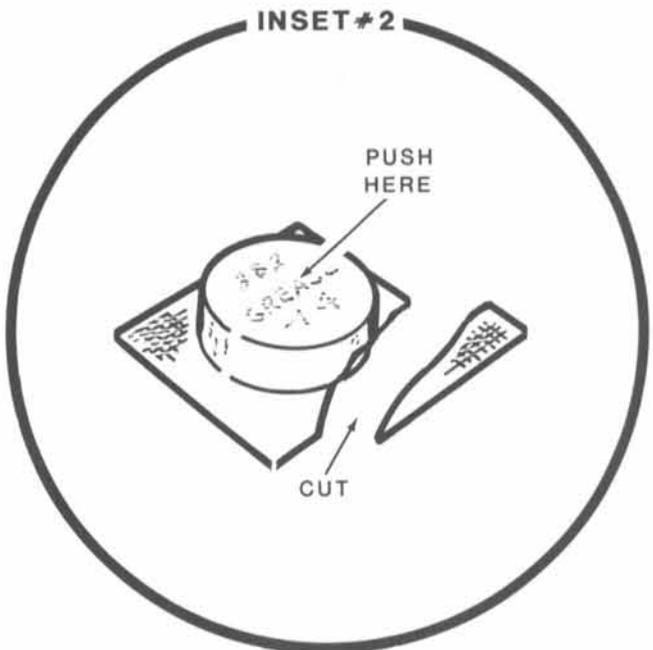
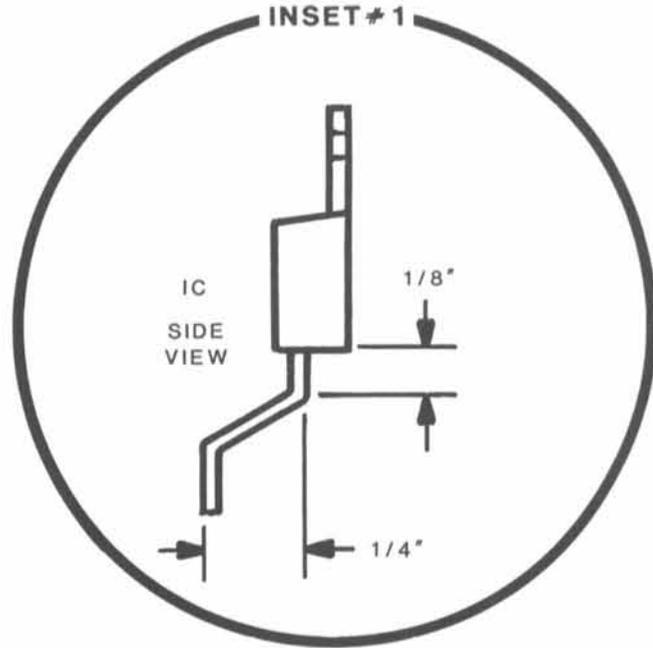
PICTORIAL 3-1



PICTORIAL 3-2

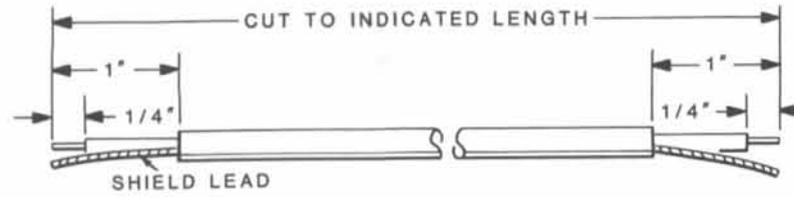


PICTORIAL 3-4

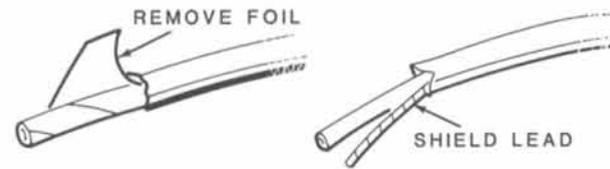
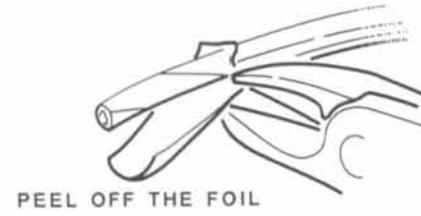


PICTORIAL 3-5

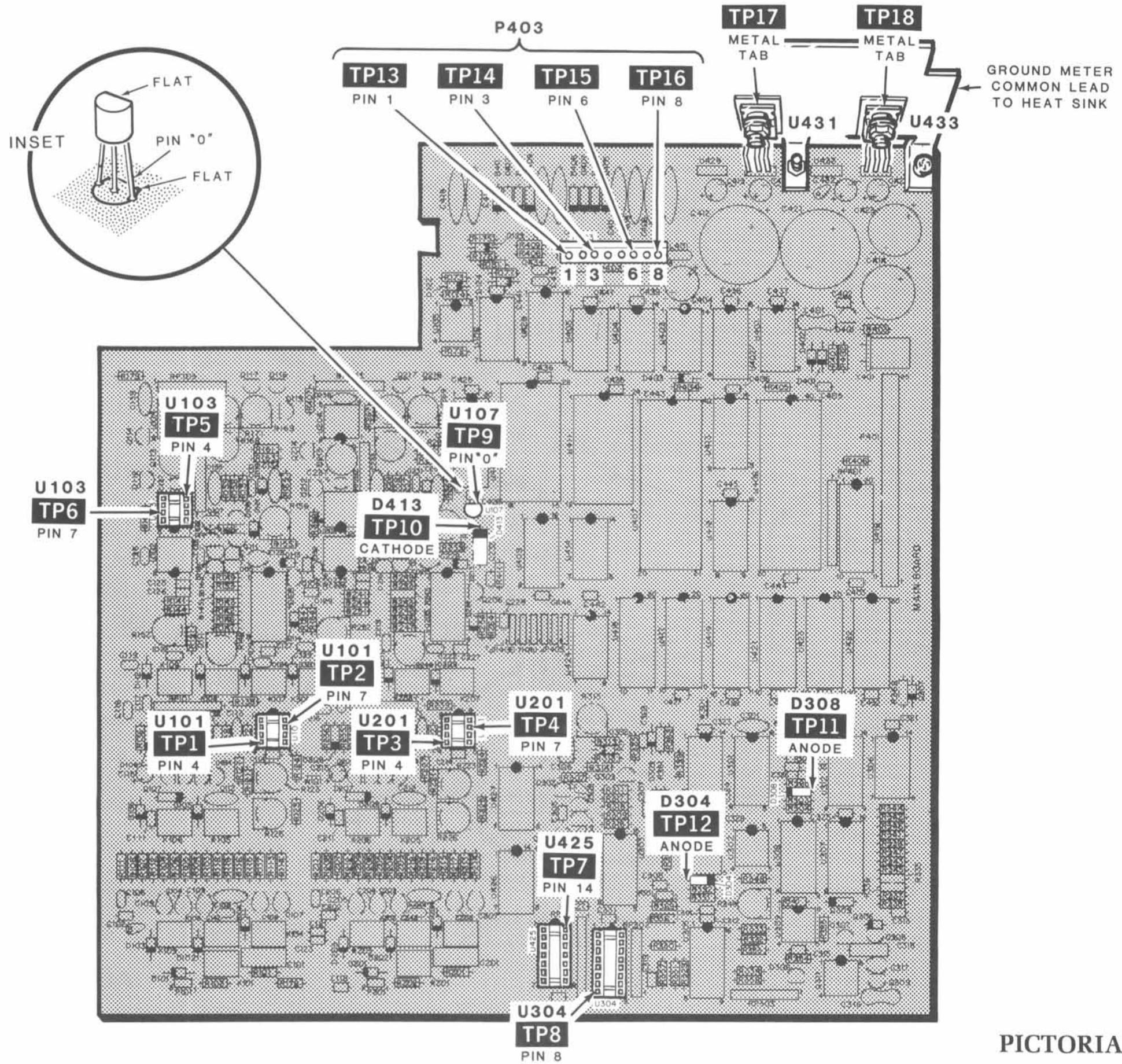
PREPARE EACH END AS SHOWN



TAKING CARE NOT TO CUT THE SHIELD LEAD, REMOVE THE OUTER INSULATION.

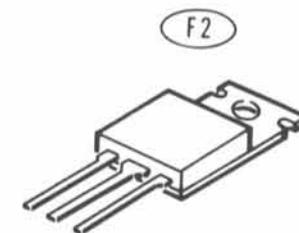
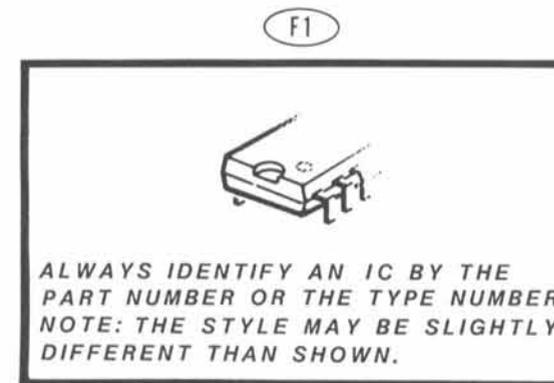
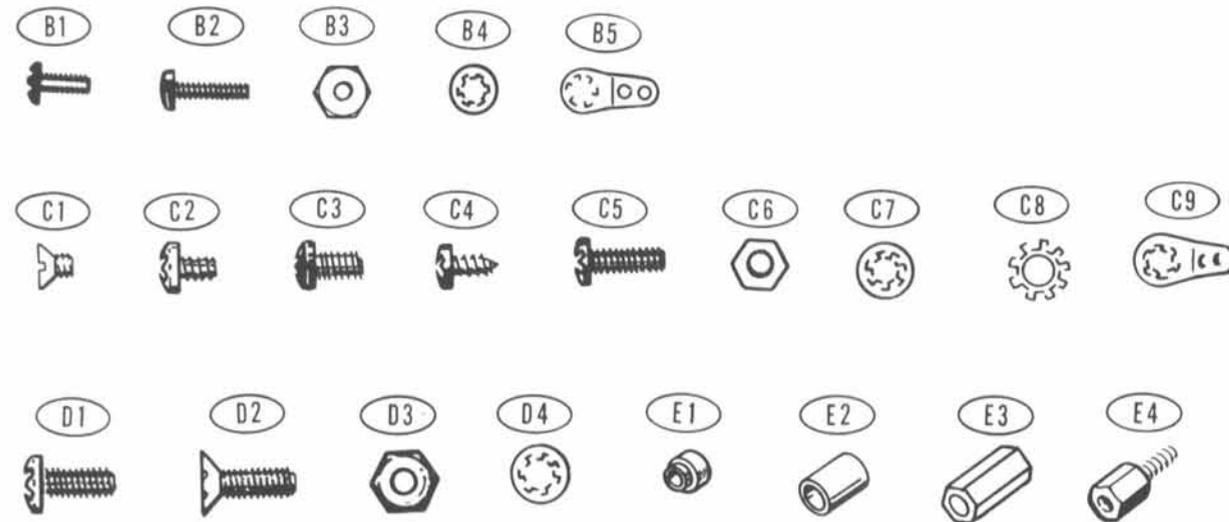
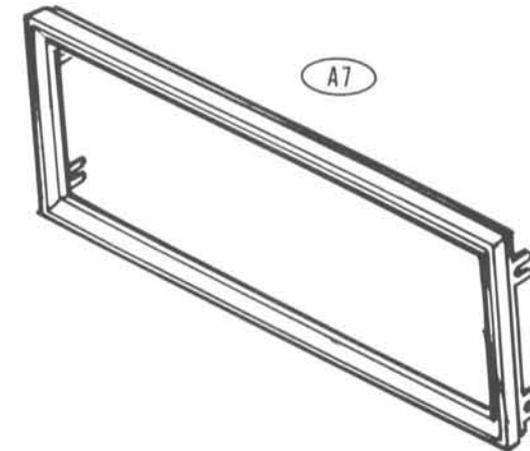
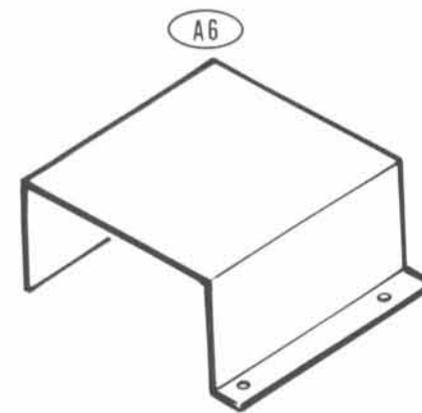
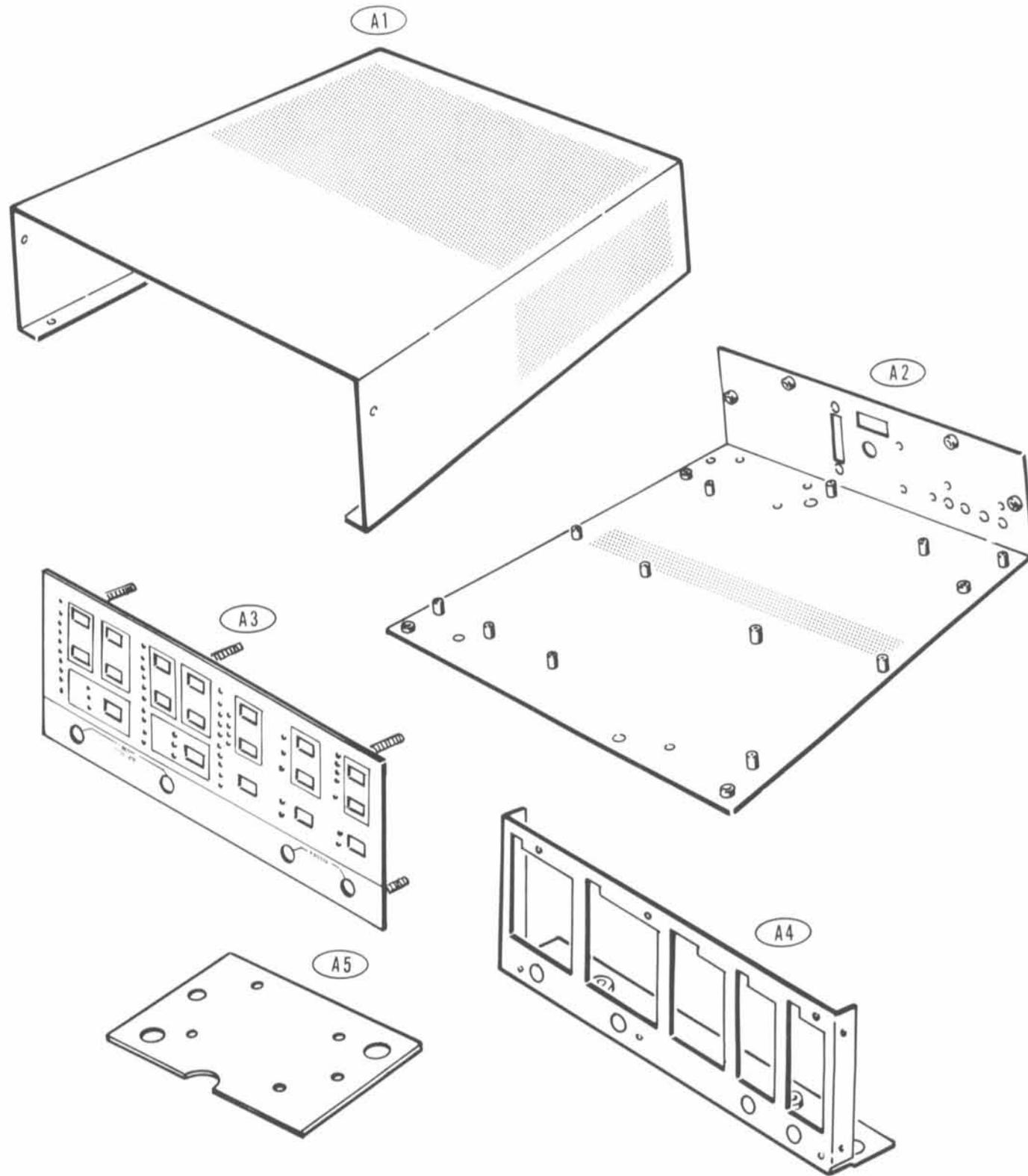


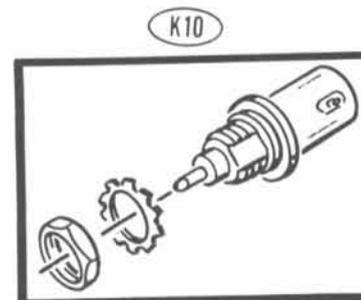
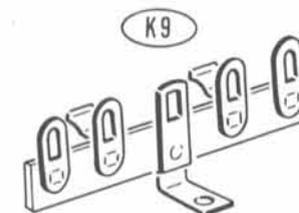
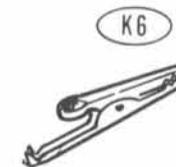
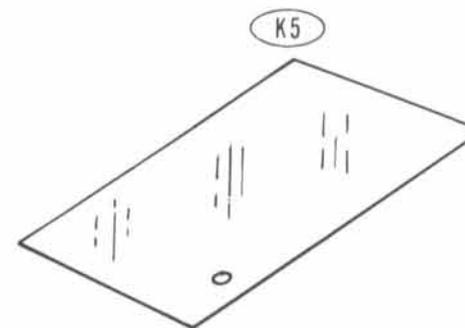
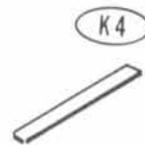
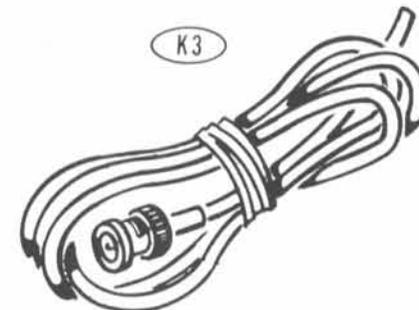
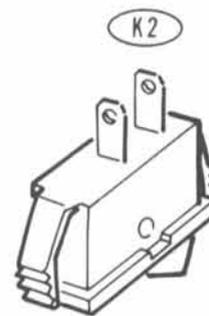
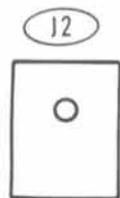
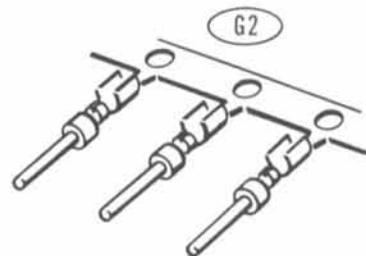
Detail 3-5A

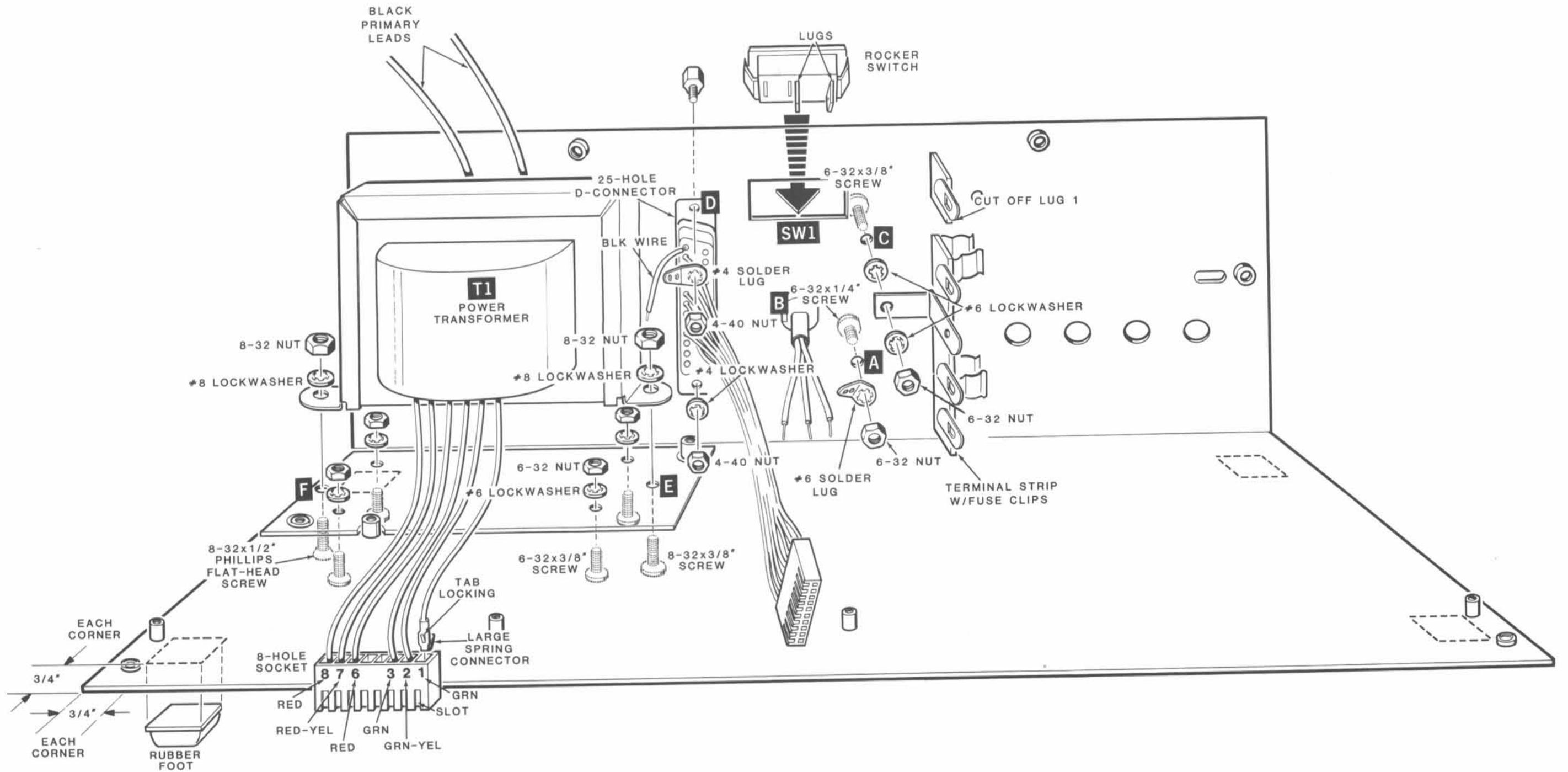


PICTORIAL 3-6

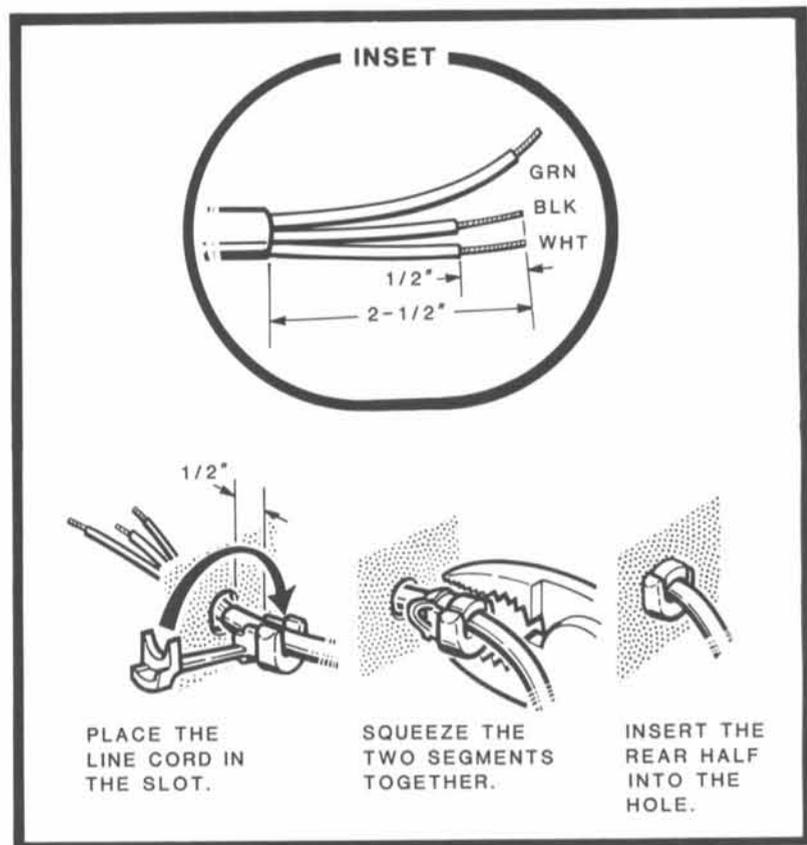
CHASSIS PARTS PICTORIAL



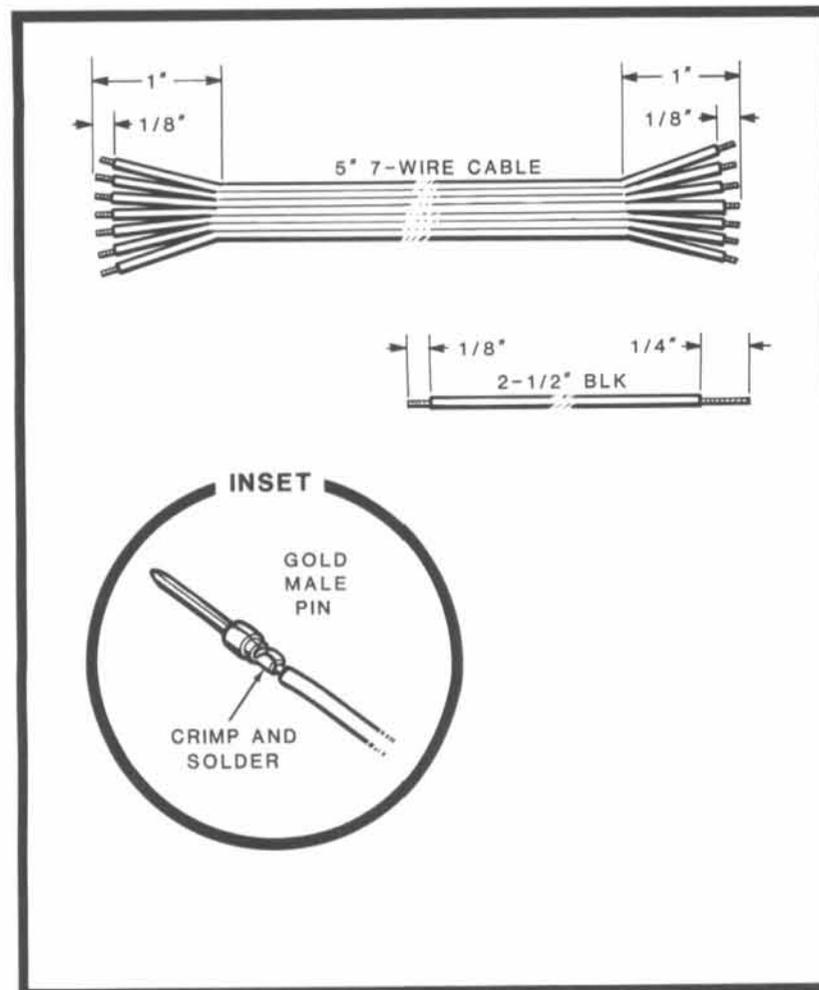




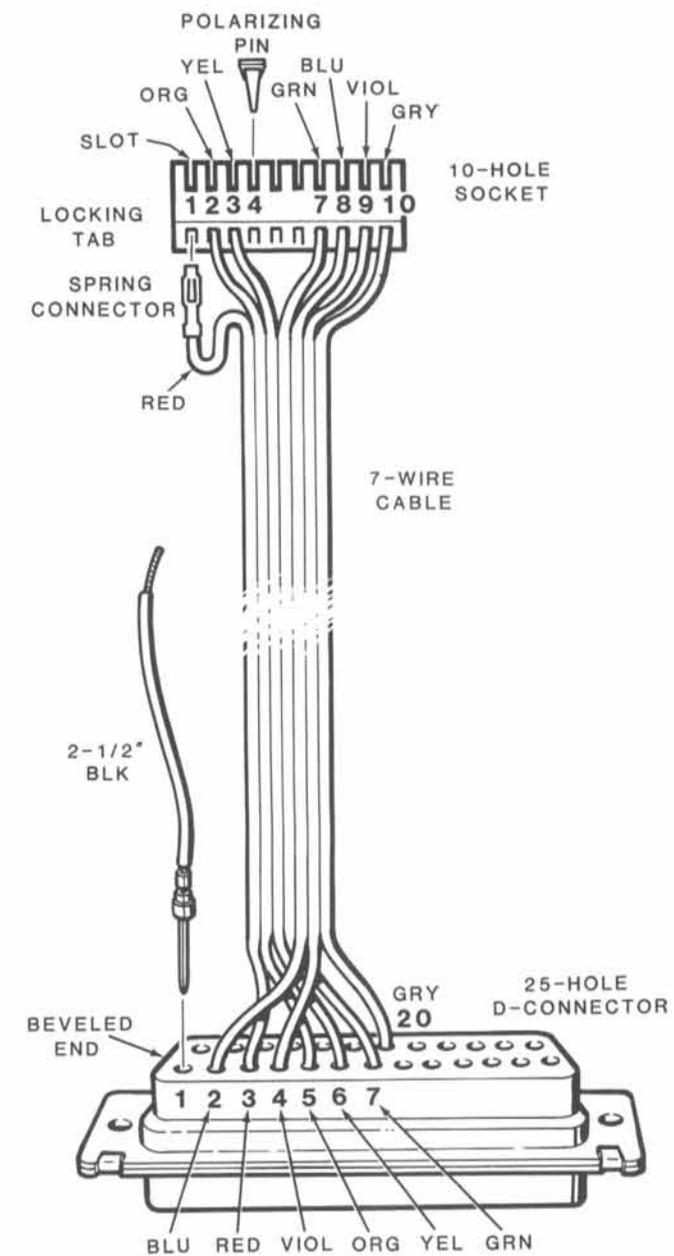
PICTORIAL 4-1



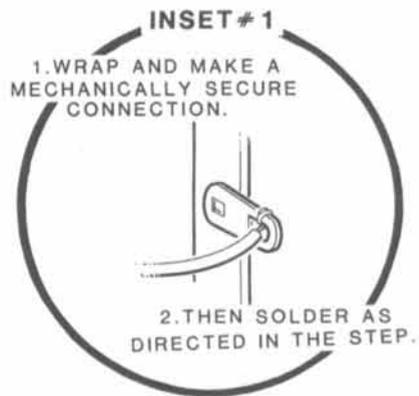
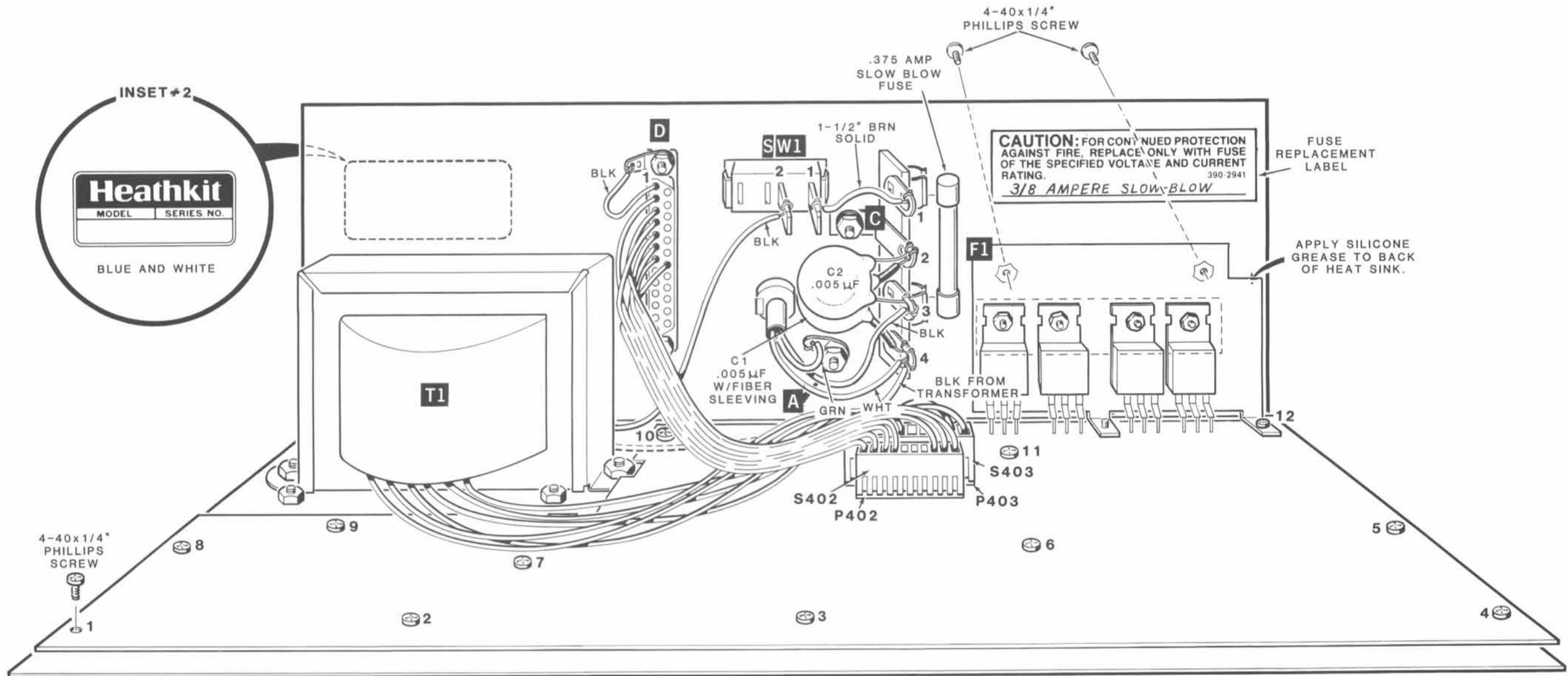
Detail 4-1A



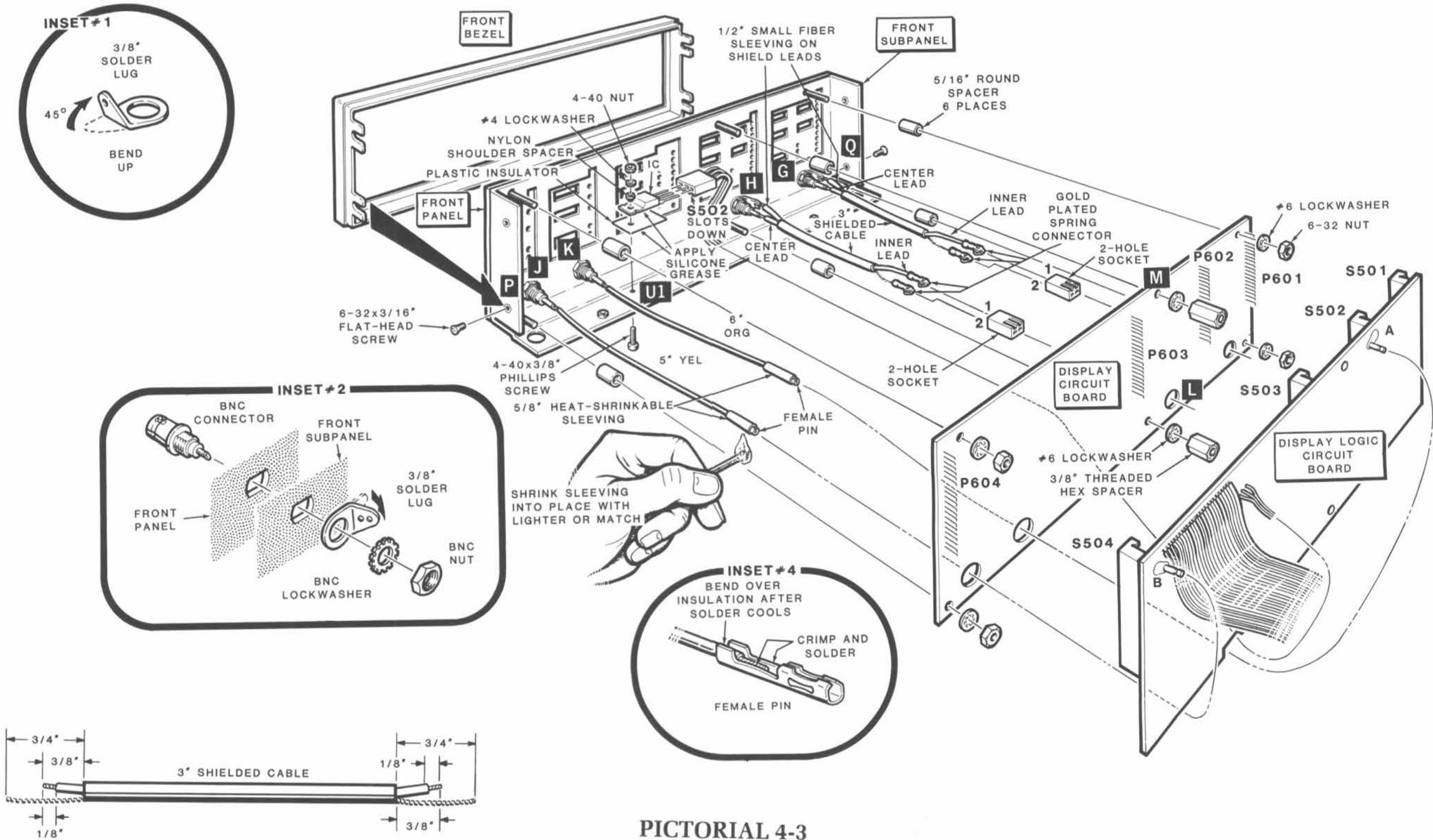
Detail 4-1B



Detail 4-1C

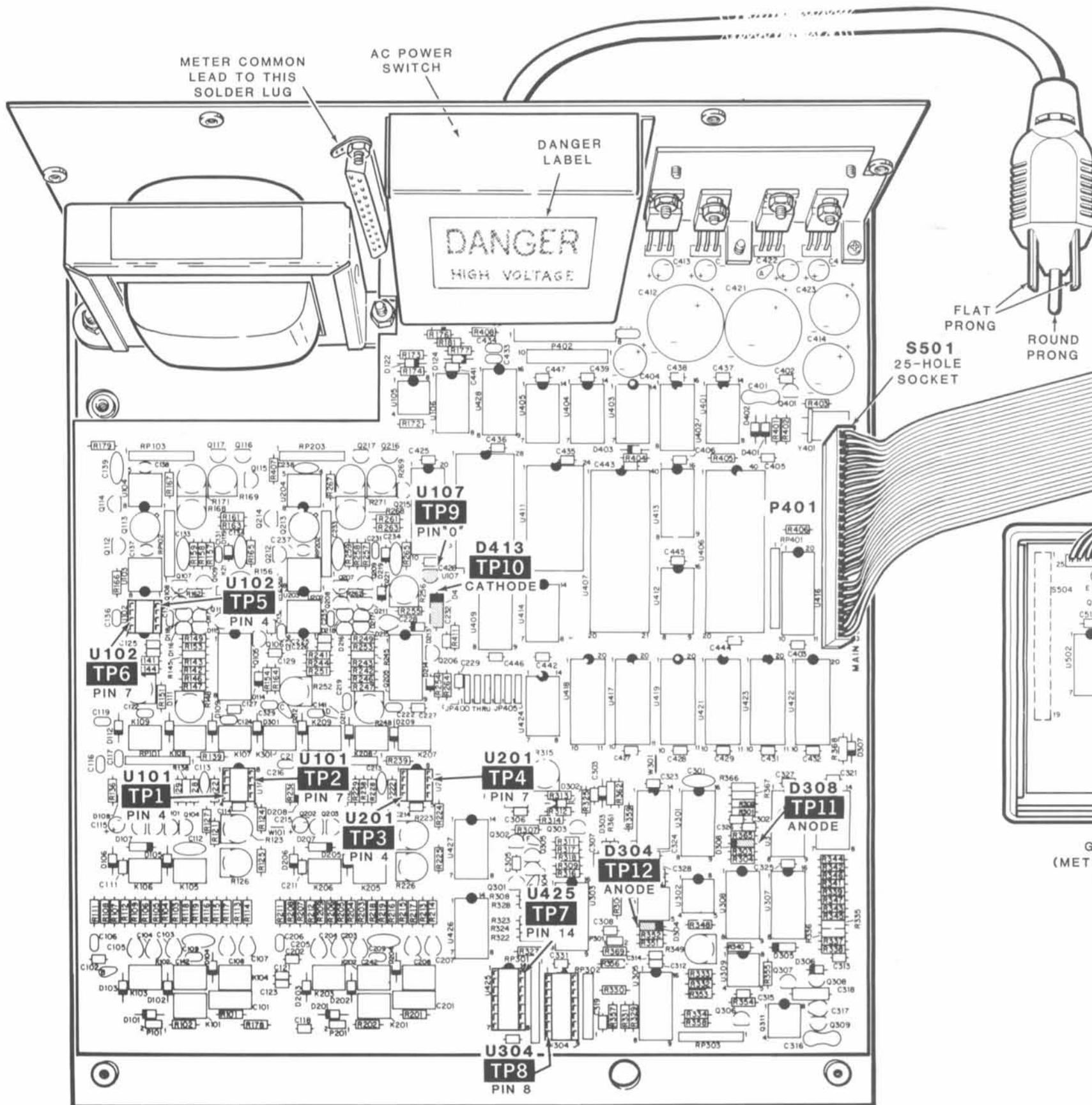


PICTORIAL 4-2

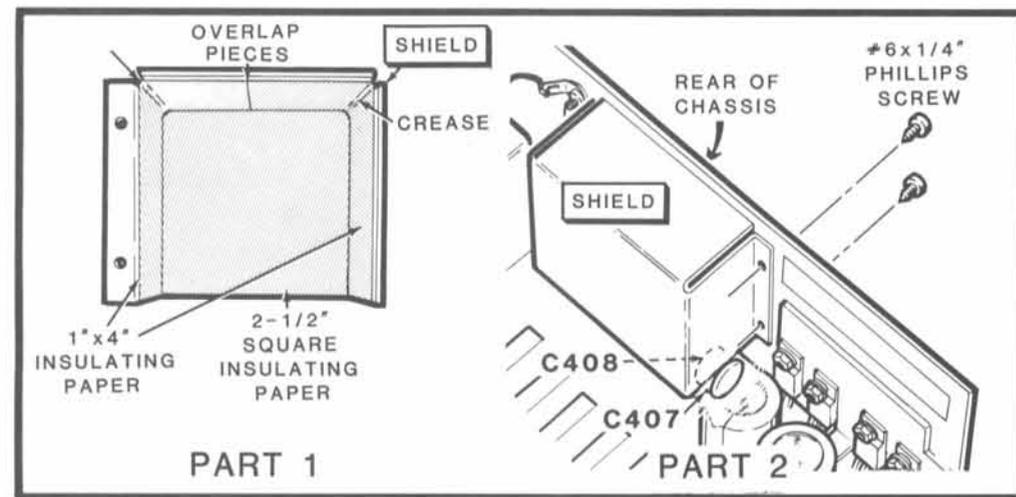


PICTORIAL 4-3

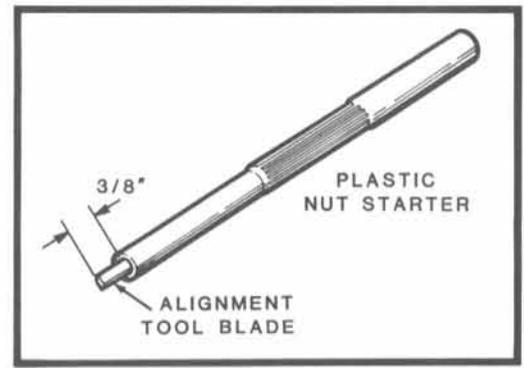
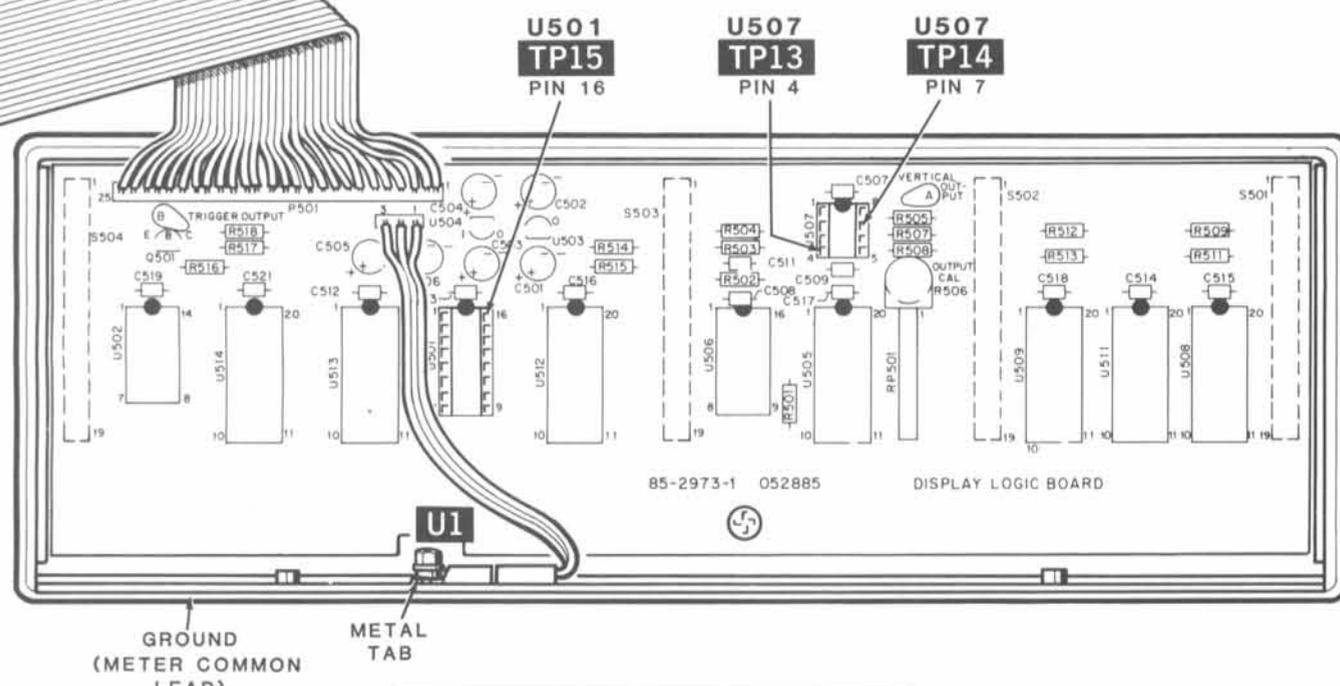
Detail 4-3A



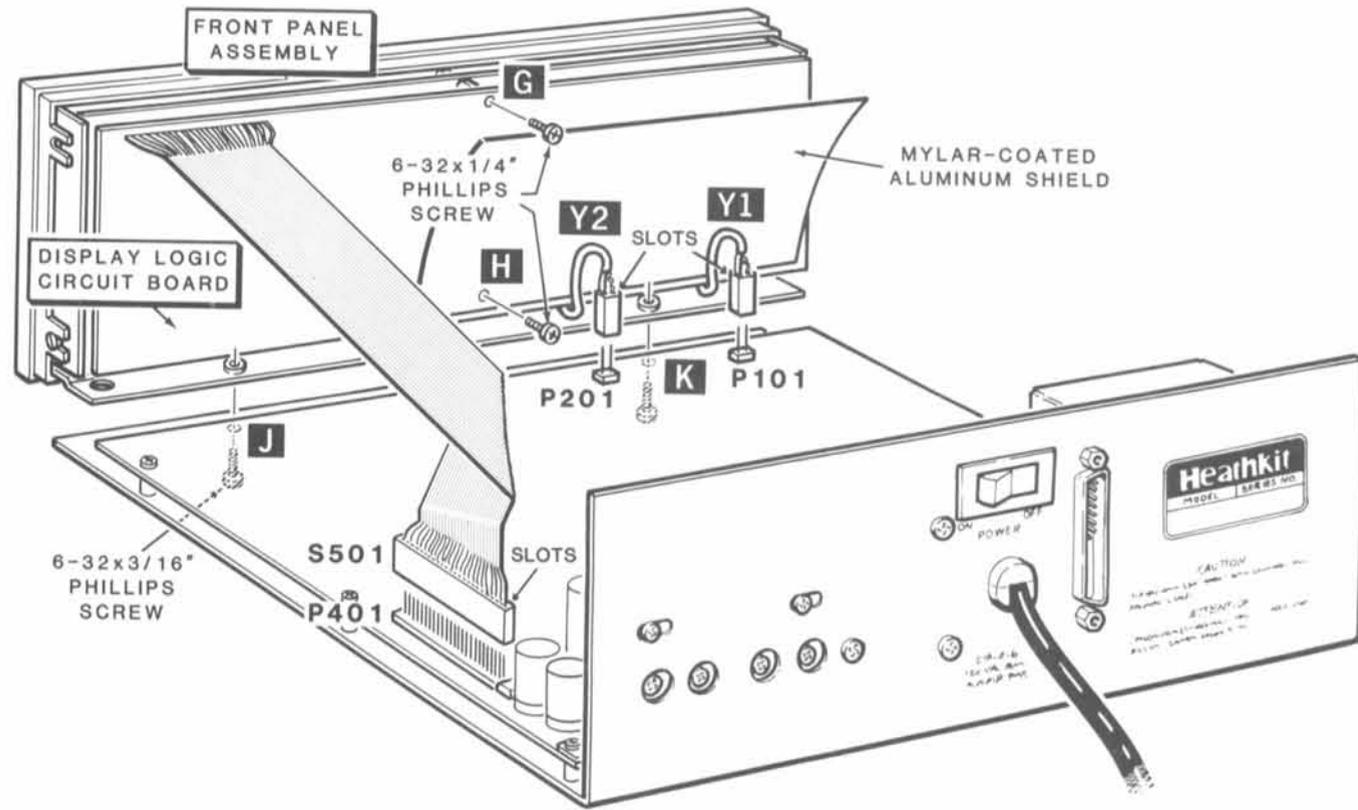
PICTORIAL 5-1



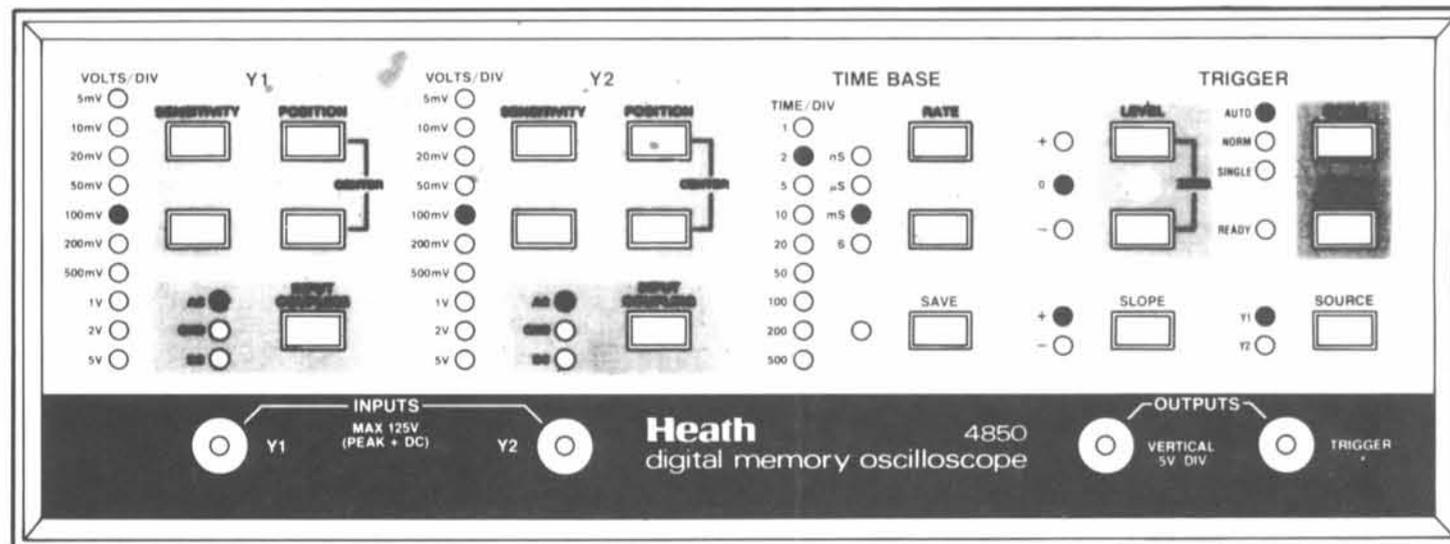
Detail 5-1A



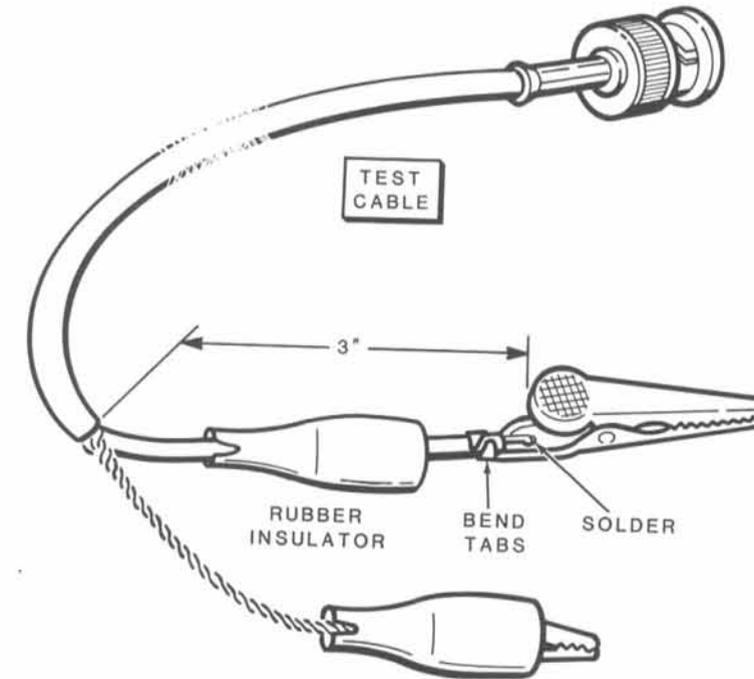
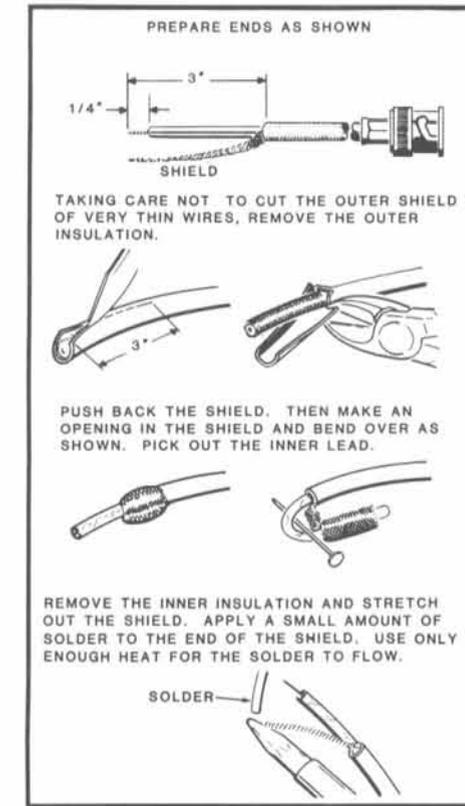
Detail 5-1B



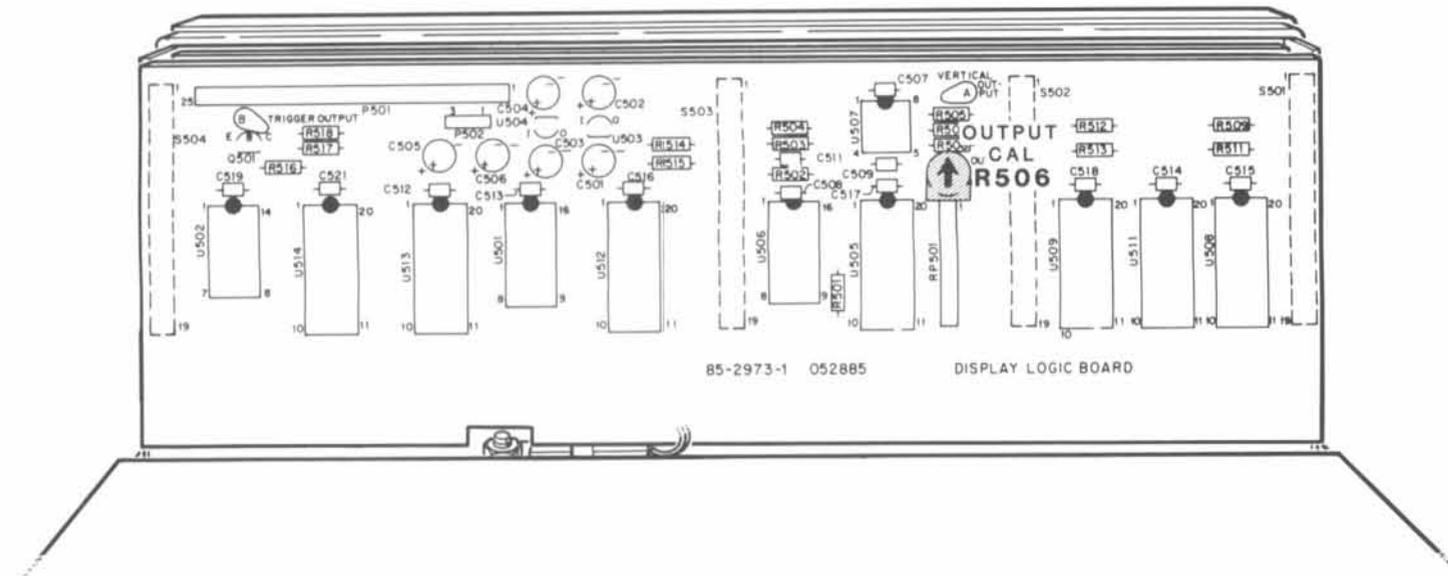
PICTORIAL 5-3



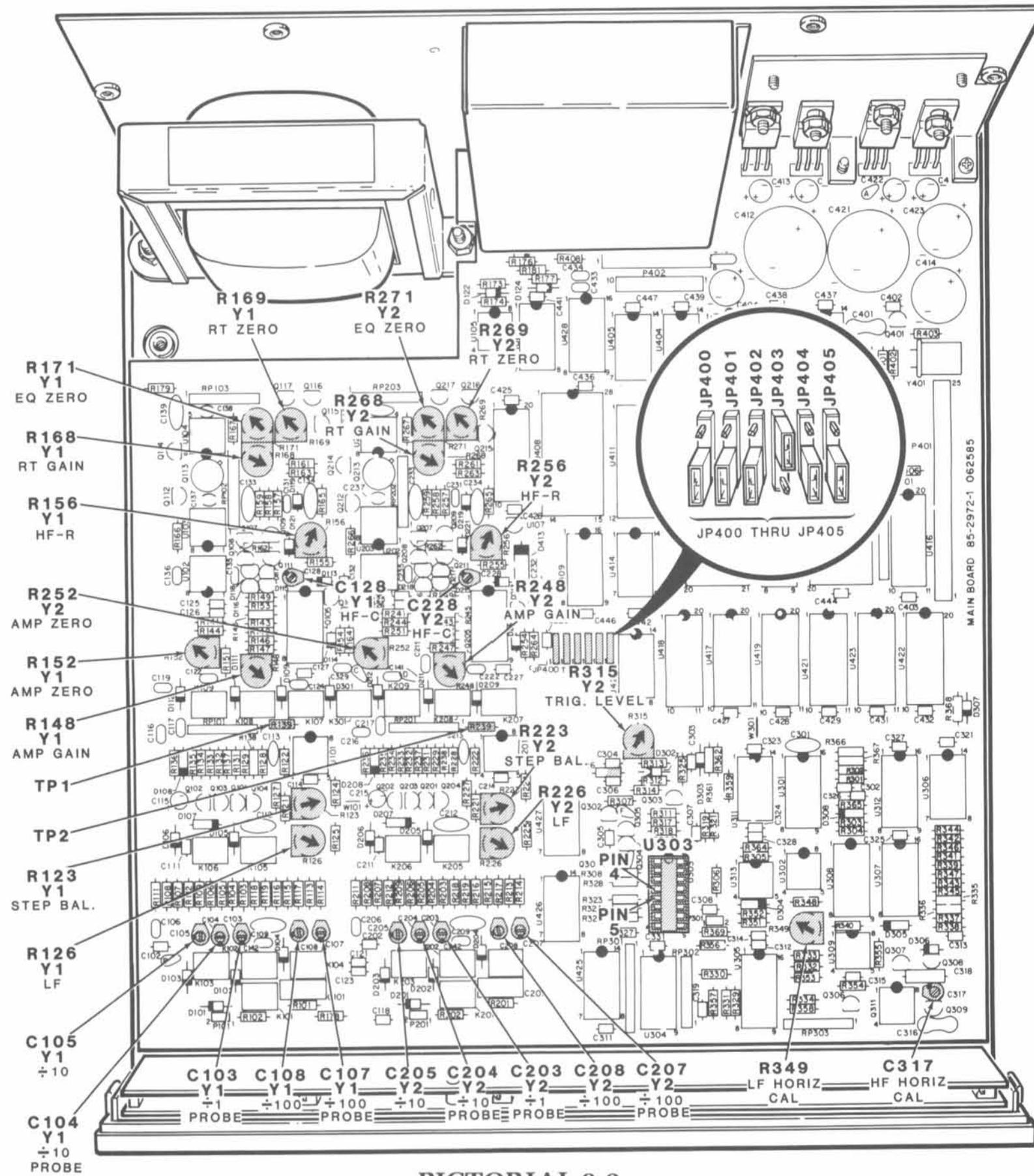
PICTORIAL 5-4



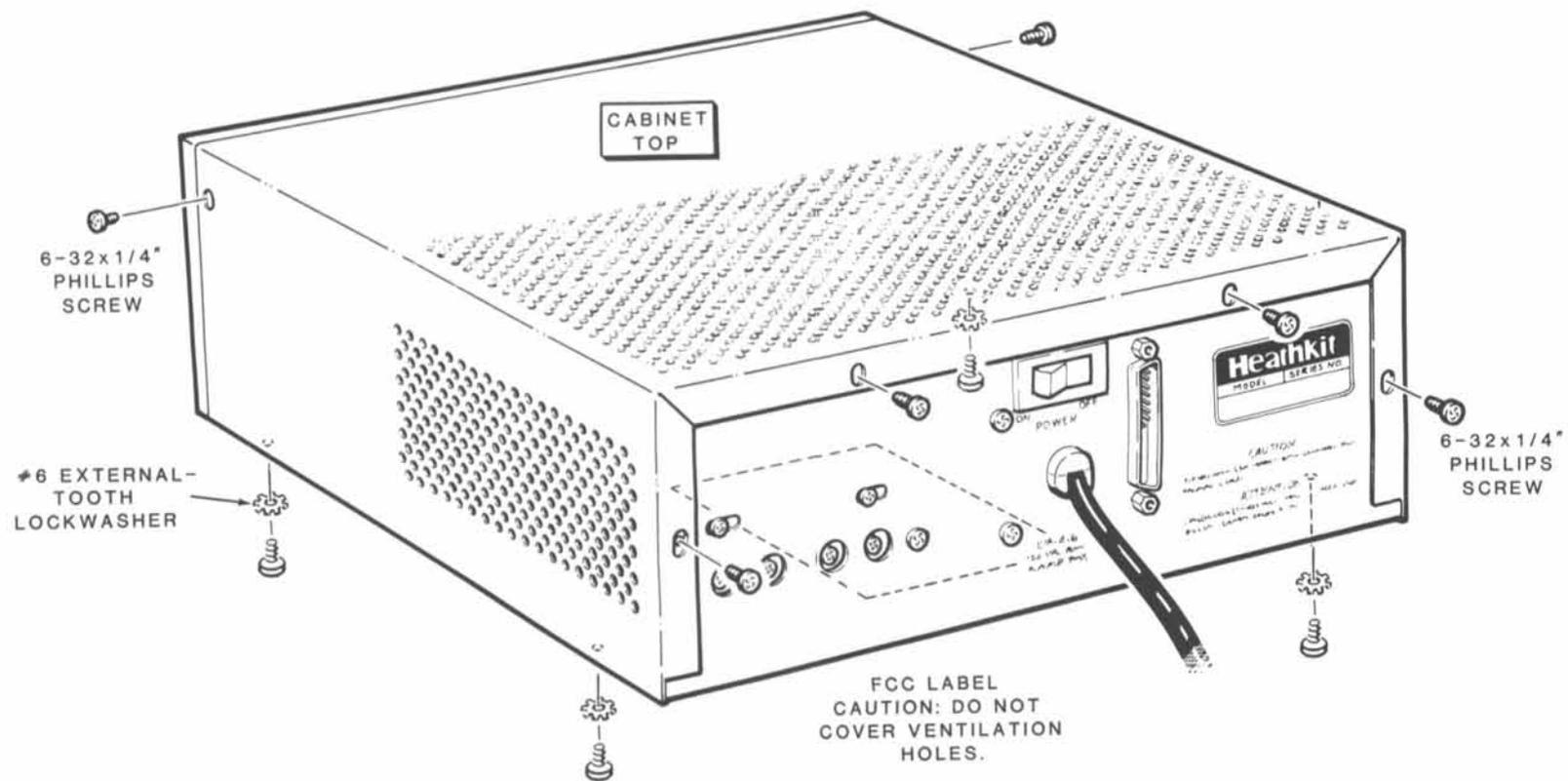
PICTORIAL 5-5



PICTORIAL 6-1



PICTORIAL 6-2



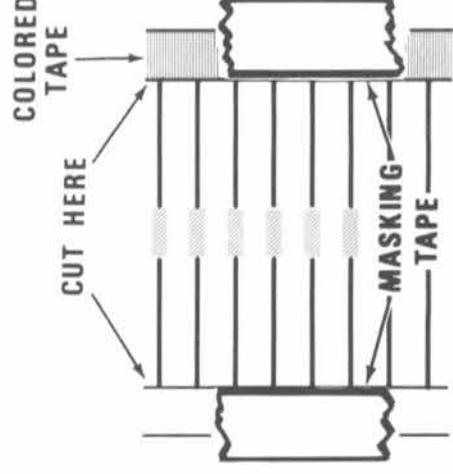
PICTORIAL 7-1

TAPED COMPONENTS CHART

Read and Follow These Instructions Before You Install the First Component.

Use masking tape to tape the component strips over the component drawings, as shown in the Taping Detail. Be sure each part on the strip is over its correct illustration; and that resistor color bands, and any part numbers, match their drawings. Cut the tape, as necessary, to align each section. Do not remove any parts from the strip until they are called for in the assembly instructions.

NOTE: Never attempt to pull the components free from the tape; gum residue from the tape could cause an intermittent solder connection. Use diagonal cutters to remove each part as it is called for in the assembly instructions. Cut the leads at the inside edge of the tape as shown.



Taping Detail

Display Control Circuit Board (Pack #1)

SECTION 1

330 Ω (org-org-brn) resistor
Bare wire
Bare wire
Bare wire

SECTION 2

330 Ω (org-org-brn) resistor
Bare wire
Bare wire
Bare wire
Bare wire
Bare wire

330 Ω (org-org-brn) resistor
330 Ω (org-org-brn) resistor

SECTION 3

330 Ω (org-org-brn) resistor
330 Ω (org-org-brn) resistor
Bare wire
330 Ω (org-org-brn) resistor
330 Ω (org-org-brn) resistor
330 Ω (org-org-brn) resistor
Bare wire
Bare wire
Bare wire

Display Logic Circuit Board (Pack #2)

SECTION 1

.1 μ F (104) axial-lead ceramic capacitor
4700 Ω (yel-viol-red) resistor
1000 Ω (brn-blk-red) resistor
10 k Ω (brn-blk-org) resistor
.1 μ F (104) axial-lead ceramic capacitor
330 Ω (org-org-brn) resistor
330 Ω (org-org-brn) resistor

SECTION 2

3160 Ω , 1% (org-brn-blu-brn) resistor
3160 Ω , 1% (org-brn-blu-brn) resistor
.1 μ F (104) axial-lead ceramic capacitor
3160 Ω , 1% (org-brn-blu-brn) resistor
.1 μ F (104) axial-lead ceramic capacitor
3160 Ω , 1% (org-brn-blu-brn) resistor
4700 Ω (yel-viol-red) resistor
1620 Ω , 1% (brn-blu-red-brn) resistor
3160 Ω , 1% (org-brn-blu-brn) resistor

SECTION 3

330 Ω (org-org-brn) resistor
330 Ω (org-org-brn) resistor
.1 μ F (104) axial-lead ceramic
.1 μ F (104) axial-lead ceramic
330 Ω (org-org-brn) resistor
330 Ω (org-org-brn) resistor
.1 μ F (104) axial-lead ceramic

CUT HERE

Main Circuit Board (Pack #3)

SECTION 1

100 Ω (brn-blk-brn) resistor _____
4300 Ω (yel-org-red) resistor _____
1000 Ω (brn-blk-red) resistor _____
1000 Ω , 1% (brn-blk-blk-brn) resistor _____
1000 Ω , 1% (brn-blk-blk-brn) resistor _____
681 Ω , 1% (blu-gry-brn-blk) resistor _____
10 k Ω (brn-blk-org) resistor _____
510 Ω (grn-brn-brn) resistor _____
1N6263 diode (#56-655) _____
681 Ω , 1% (blu-gry-brn-blk) resistor _____
100 Ω (brn-blk-brn) resistor _____
2.2 M Ω (red-red-grn) resistor _____
1N6263 diode (#56-655) _____
100 Ω (brn-blk-brn) resistor _____
1000 Ω (brn-blk-red) resistor _____
1N4148 diode (#56-84) _____
.1 μ F (104) axial-lead ceramic capacitor _____
.1 μ F (104) axial-lead ceramic capacitor _____
.1 μ F (104) axial-lead ceramic capacitor _____
1 Ω (brn-blk-gld) resistor _____
1 Ω (brn-blk-gld) resistor _____
5110 Ω , 1% (grn-brn-brn-brn) resistor _____
392 Ω , 1% (org-wht-red-blk) resistor _____
499 Ω , 1% (yel-wht-wht-blk) resistor _____
806 Ω , 1% (gry-blk-blk-blk) resistor _____
150 Ω , 1% (brn-grn-blk-blk) resistor _____
1300 Ω , 1% (brn-org-blk-brn) resistor _____
392 Ω , 1% (org-wht-red-blk) resistor _____
110 Ω , 1% (brn-brn-blk-blk) resistor _____
.1 μ F (104) axial-lead ceramic capacitor _____
1N4148 diode (#56-84) _____
.1 μ F (104) axial-lead ceramic capacitor _____
1800 Ω (brn-gry-red) resistor _____
47 Ω (yel-viol-blk) resistor _____
1N4149 diode (#56-56) _____
1N4149 diode (#56-56) _____
1N4149 diode (#56-56) _____
1N4149 diode (#56-56) _____
SECTION 2

100 Ω , 1% (brn-blk-blk-blk) resistor _____
499 Ω , 1% (yel-wht-wht-blk) resistor _____
1N823A zener diode (#56-91) _____
270 Ω (red-viol-brn) resistor _____
270 Ω (red-viol-brn) resistor _____
249 Ω , 1% (red-yel-wht-blk) resistor _____
220 Ω (red-red-brn) resistor _____
499 Ω , 1% (yel-wht-wht-blk) resistor _____
330 Ω (org-org-brn) resistor _____
330 Ω (org-org-brn) resistor _____
1200 Ω (brn-red-red) resistor _____
383 k Ω , 1% (org-gry-org-org) resistor _____
499 k Ω , 1% (yel-wht-wht-org) resistor _____
.01 μ F (103) axial-lead ceramic capacitor _____
499 k Ω , 1% (yel-wht-wht-org) resistor _____
10 M Ω (brn-blk-blu) resistor _____
1N823A zener diode (#56-91) _____
1N4149 diode (#56-56) _____
.1 μ F (104) axial-lead ceramic capacitor _____
1N4149 diode (#56-56) _____
499 k Ω , 1% (yel-wht-wht-org) resistor _____

SECTION 3

47.5 Ω , 1% (yel-viol-grn-gld) resistor _____
111 k Ω precision (brn-brn-brn-org) resistor _____
900 k Ω precision (wht-blk-blk-org) resistor _____
150 Ω , 1% (brn-grn-blk-blk) resistor _____
267 Ω , 1% (red-blu-viol-blk) resistor _____
1 Ω (brn-blk-gld) resistor _____
1 Ω (brn-blk-gld) resistor _____
1 Ω (brn-blk-gld) resistor _____
68 Ω (blu-gry-blk) resistor _____
18.2 Ω , 1% (brn-gry-red-gld) resistor _____
178 Ω , 1% (brn-viol-gry-blk) resistor _____
10.1 k Ω precision (brn-blk-brn-red) resistor _____
990 k Ω precision (wht-wht-blk-org) resistor _____
1430 Ω , 1% (brn-yel-org-brn) resistor _____
1 Ω (brn-blk-gld) resistor _____
1 Ω (brn-blk-gld) resistor _____
.1 μ F (104) axial-lead ceramic capacitor _____
1N4149 (#56-56) diode _____
1N4149 (#56-56) diode _____
1N4149 (#56-56) diode _____
1N4149 (#56-56) diode _____
51 Ω (grn-brn-blk) resistor _____
1 M Ω (brn-blk-grn) resistor _____
1 Ω (brn-blk-gld) resistor _____

SECTION 4

1N2071 (#57-27) diode _____
1N2071 (#57-27) diode _____
1N2071 (#57-27) diode _____
1N2071 (#57-27) diode _____
5600 Ω (grn-blu-red) resistor _____
8200 Ω (gry-red-red) resistor _____
3600 Ω (org-blu-red) resistor _____
1N4149 diode (#56-56) _____
1000 Ω (brn-blk-red) resistor _____
120 k Ω (brn-red-yel) resistor _____
1000 Ω (brn-blk-red) resistor _____
1000 Ω , 1% (brn-blk-blk-brn) resistor _____
1N4149 diode (#56-56) _____
1N4149 diode (#56-56) _____
22.1 k Ω , 1% (red-red-brn-red) resistor _____
.1 μ F (104) axial-lead ceramic capacitor _____
1000 Ω , 1% (brn-blk-blk-brn) resistor _____

SECTION 5

.1 μ F (104) axial-lead ceramic capacitor _____
4300 Ω (yel-org-red) resistor _____
1000 Ω , 1% (brn-blk-blk-brn) resistor _____
1000 Ω , 1% (brn-blk-blk-brn) resistor _____
681 Ω , 1% (blu-gry-brn-blk) resistor _____
10 k Ω (brn-blk-org) resistor _____
510 Ω (grn-brn-brn) resistor _____
1N6263 diode (#56-655) _____
681 Ω , 1% (blu-gry-brn-blk) resistor _____
.1 μ F (104) axial-lead ceramic capacitor _____
2.2 M Ω (red-red-grn) resistor _____
1N6263 diode (#56-655) _____
1000 Ω (brn-blk-red) resistor _____
1N4148 diode (#56-84) _____
6.8 V zener diode (#56-637) _____
.1 μ F (104) axial-lead ceramic capacitor _____
180 Ω (brn-gry-brn) resistor _____

SECTION 5 (Cont'd.)

.1 μ F (104) axial-lead ceramic capacitor
.1 μ F (104) axial-lead ceramic capacitor
1 Ω (brn-blk-gld) resistor
1 Ω (brn-blk-gld) resistor
5110 Ω , 1% (grn-brn-brn) resistor
392 Ω , 1% (org-wht-red-blk) resistor
499 Ω , 1% (yel-wht-wht-blk) resistor
806 Ω , 1% (gry-blk-blu-blk) resistor
150 Ω , 1% (brn-grn-blk-blk) resistor
1300 Ω , 1% (brn-org-blk-brn) resistor
392 Ω , 1% (org-wht-red-blk) resistor
110 Ω , 1% (brn-brn-blk-blk) resistor
1N4148 diode (#56-84)
1800 Ω (brn-gry-red) resistor
47 Ω (yel-viol-blk) resistor
.1 μ F (104) axial-lead ceramic capacitor
.1 μ F (104) axial-lead ceramic capacitor
1N4149 diode (#56-56)
1N4149 diode (#56-56)
1N4149 diode (#56-56)
SECTION 6
100 Ω , 1% (brn-blk-blk-blk) resistor
499 Ω , 1% (yel-wht-wht-blk) resistor
1N823A zener diode (#56-91)
270 Ω (red-viol-brn) resistor
270 Ω (red-viol-brn) resistor
249 Ω , 1% (red-yel-wht-blk) resistor
220 Ω (red-red-brn) resistor
499 Ω , 1% (yel-wht-wht-blk) resistor
330 Ω (org-org-brn) resistor
330 Ω (org-org-brn) resistor
1200 Ω (brn-red-red) resistor
383 k Ω , 1% (org-gry-org) resistor
499 k Ω , 1% (yel-wht-wht-org) resistor
.01 μ F (103) axial-lead ceramic capacitor
10 M Ω (brn-blk-blu) resistor
499 k Ω , 1% (yel-wht-wht-org) resistor
1N823A zener diode (#56-91)
1N4149 diode (#56-56)
.1 μ F (104) axial-lead ceramic capacitor
1N4149 diode (#56-56)
499 k Ω , 1% (yel-wht-wht-org) resistor

SECTION 7

47.5 Ω , 1%, (yel-viol-grn-gld) resistor
111 k Ω precision (brn-brn-brn-org) resistor
900 k Ω precision (wht-blk-blk-org) resistor
200 Ω , 1% (red-blk-blk-blk) resistor
215 Ω , 1% (red-brn-grn-blk) resistor
1 Ω (brn-blk-gld) resistor
1 Ω (brn-blk-gld) resistor
1 Ω (brn-blk-gld) resistor
68 Ω (blu-gry-blk) resistor
18.2 Ω , 1% (brn-gry-red-gld) resistor
150 Ω , 1% (brn-grn-blk-blk) resistor
10.1 k Ω precision (brn-blk-brn-red) resistor
990 k Ω precision (wht-wht-blk-org) resistor
1430 Ω , 1% (brn-yel-org-brn) resistor
1 Ω (brn-blk-gld) resistor
1 Ω (brn-blk-gld) resistor
.1 μ F (104) axial-lead ceramic capacitor
.1 μ F (104) axial-lead ceramic capacitor
.1 μ F (104) axial-lead ceramic capacitor
1N4149 (#56-56) diode
1N4149 (#56-56) diode
1N4149 (#56-56) diode
1N4149 (#56-56) diode
1M Ω (brn-blk-grn) resistor
.1 μ F (104) axial-lead ceramic capacitor
51 Ω (grn-brn-blk) resistor

SECTION 8

1N5393 (#57-609) diode
1N5393 (#57-609) diode
1N5393 (#57-609) diode
1N5393 (#57-609) diode
.1 μ F (104) axial-lead ceramic capacitor
22 pF (220) axial-lead ceramic capacitor
1000 Ω (brn-blk-red) resistor
1N4149 diode (#56-56)
1N4149 diode (#56-56)
2200 Ω (red-red-red) resistor
33 k Ω (org-org-org) resistor
.1 μ F (104) axial-lead ceramic capacitor
.1 μ F (104) axial-lead ceramic capacitor
1N4149 diode (#56-56)
10 k Ω (brn-blk-org) resistor
.1 μ F (104) axial-lead ceramic capacitor
.1 μ F (104) axial-lead ceramic capacitor
1000 Ω (brn-blk-red) resistor
.1 μ F (104) axial-lead ceramic capacitor
4700 Ω (yel-viol-red) resistor
.1 μ F (104) axial-lead ceramic capacitor
1N4149 diode (#56-56)

SECTION 9

.1 μ F (104) axial-lead ceramic capacitor
.1 μ F (104) axial-lead ceramic capacitor
.1 μ F (104) axial-lead ceramic capacitor
1 Ω (brn-blk-gld) resistor
.1 μ F (104) axial-lead ceramic capacitor
47.5 Ω , 1% (yel-viol-grn-gld) resistor
56 pF (560) axial-lead ceramic capacitor
47 Ω (yel-viol-blk) resistor
100 Ω (brn-blk-brn) resistor
301 Ω , 1% (org-blk-brn-blk) resistor
237, 1% (red-org-viol-blk) resistor
301 Ω , 1% (org-blk-brn-blk) resistor
100 Ω (brn-blk-brn) resistor
.1 μ F (104) axial-lead ceramic capacitor
3480 Ω , 1% (org-yel-gry-brn) resistor
1N4149 diode (#56-56)
604 Ω , 1% (blu-blk-yel-blk) resistor
953 Ω , 1% (wht-grn-org-blk) resistor
30.1 Ω , 1% (org-blk-brn-gld) resistor
604 Ω , 1% (blu-blk-yel-blk) resistor
100 Ω (brn-blk-brn) resistor
30.1 Ω , 1% (org-blk-brn-gld) resistor
604 Ω , 1% (blu-blk-yel-blk) resistor
.1 μ F (104) axial-lead ceramic capacitor
1 Ω (brn-blk-gld) resistor
.1 μ F (104) axial-lead ceramic capacitor
1N4149 diode (#56-56)
1500 Ω (brn-grn-red) resistor
1500 Ω (brn-grn-red) resistor
3300 Ω (org-org-red) resistor
.1 μ F (104) axial-lead ceramic capacitor
1210 Ω , 1% (brn-red-brn-brn) resistor
3480 Ω , 1% (org-yel-gry-brn) resistor
1130 Ω , 1% (brn-brn-org-brn) resistor
.1 μ F (104) axial-lead ceramic capacitor
270 Ω (red-viol-brn) resistor
270 Ω (red-viol-brn) resistor
270 Ω (red-viol-brn) resistor
.1 μ F (104) axial-lead ceramic capacitor
270 Ω (red-viol-brn) resistor

SECTION 9 (Cont'd.)

2700 Ω (red-viol-red) resistor _____
2700 Ω (red-viol-red) resistor _____
.1 μ F (104) axial-lead ceramic capacitor _____
.1 μ F (104) axial-lead ceramic capacitor _____
1000 pF (102) axial-lead ceramic capacitor _____
4700 Ω (yel-viol-red) resistor _____
3160 Ω , 1% (org-brn-blu-brn) resistor _____
1N823A diode (#56-91) _____
604 Ω , 1% (blu-blk-yel-blk) resistor _____
1000 Ω , 1% (brn-blk-blk-brn) resistor _____
.1 μ F (104) axial-lead ceramic capacitor _____
.1 μ F (104) axial-lead ceramic capacitor _____

SECTION 10

1000 Ω , 1% (brn-blk-blk-brn) resistor _____
510 Ω (grn-brn-brn) resistor _____
1000 Ω (brn-blk-red) resistor _____
1 Ω (brn-blk-gld) resistor _____
270 Ω (red-viol-brn) resistor _____
4700 Ω (yel-viol-red) resistor _____
.1 μ F (104) axial-lead ceramic capacitor _____
750 Ω , 1% (viol-grn-blk-blk) resistor _____
1370, 1% (brn-org-viol-brn) resistor _____
3160 Ω , 1% (org-brn-blu-brn) resistor _____
3160 Ω , 1% (org-brn-blu-brn) resistor _____
.1 μ F (104) axial-lead ceramic capacitor _____
.1 μ F (104) axial-lead ceramic capacitor _____
390 Ω (org-wht-brn) resistor _____
1N823A diode (#56-91) _____
3160 Ω , 1% (org-brn-blu-brn) resistor _____
3160 Ω , 1% (org-brn-blu-brn) resistor _____
1M Ω (brn-blk-grn) resistor _____
.1 μ F (104) axial-lead ceramic capacitor _____
220 Ω (red-red-brn) resistor _____
.1 μ F (104) axial-lead ceramic capacitor _____
22 pF (220) axial-lead ceramic capacitor _____
.1 μ F (104) axial-lead ceramic capacitor _____
5 V zener diode (#56-85) _____
220 Ω (red-red-brn) resistor _____
.1 μ F (104) axial-lead ceramic capacitor _____
100 k Ω (brn-blk-yel) resistor _____
1N4149 diode (#56-56) _____
.1 μ F (104) axial-lead ceramic capacitor _____
14.3 k Ω precision (brn-yel-org-red) resistor _____
71.5 k Ω precision (viol-brn-grn-red) resistor _____
2870 Ω precision (red-gry-viol-brn) resistor _____
143 k Ω precision (brn-yel-org-org) resistor _____
287 k Ω precision (red-gry-viol-org) resistor _____
1430 Ω precision (brn-yel-org-brn) resistor _____
28.7 k Ω precision (red-gry-viol-red) resistor _____
7150 Ω precision (viol-brn-grn-brn) resistor _____
4700 Ω (yel-viol-red) resistor _____
4700 Ω (yel-viol-red) resistor _____
4700 Ω (yel-viol-red) resistor _____
1 Ω (brn-blk-gld) resistor _____
.1 μ F (104) axial-lead ceramic capacitor _____
1N6263 diode (#56-655) _____

SECTION 9 (Cont'd.)

2700 Ω (red-viol-red) resistor _____
2700 Ω (red-viol-red) resistor _____
.1 μF (104) axial-lead ceramic capacitor _____
.1 μF (104) axial-lead ceramic capacitor _____
1000 pF (102) axial-lead ceramic capacitor _____
4700 Ω (yel-viol-red) resistor _____
3160 Ω, 1% (org-brn-blu-brn) resistor _____
1N823A diode (#56-91) _____
604 Ω, 1% (blu-blk-yel-blk) resistor _____
1000 Ω, 1% (brn-blk-blk-brn) resistor _____
.1 μF (104) axial-lead ceramic capacitor _____
.1 μF (104) axial-lead ceramic capacitor _____

SECTION 10

1000 Ω, 1% (brn-blk-blk-brn) resistor _____
510 Ω (grn-brn-brn) resistor _____
1000 Ω (brn-blk-red) resistor _____
1 Ω (brn-blk-gld) resistor _____
270 Ω (red-viol-brn) resistor _____
4700 Ω (yel-viol-red) resistor _____
.1 μF (104) axial-lead ceramic capacitor _____
750 Ω, 1% (viol-grn-blk-blk) resistor _____
1370, 1% (brn-org-viol-brn) resistor _____
3160 Ω, 1% (org-brn-blu-brn) resistor _____
3160 Ω, 1% (org-brn-blu-brn) resistor _____
.1 μF (104) axial-lead ceramic capacitor _____
.1 μF (104) axial-lead ceramic capacitor _____
390 Ω (org-wht-brn) resistor _____
1N823A diode (#56-91) _____
3160 Ω, 1% (org-brn-blu-brn) resistor _____
3160 Ω, 1% (org-brn-blu-brn) resistor _____
1M Ω (brn-blk-grn) resistor _____
.1 μF (104) axial-lead ceramic capacitor _____
220 Ω (red-red-brn) resistor _____
.1 μF (104) axial-lead ceramic capacitor _____
22 pF (220) axial-lead ceramic capacitor _____
.1 μF (104) axial-lead ceramic capacitor _____
5 V zener diode (#56-85) _____
220 Ω (red-red-brn) resistor _____
.1 μF (104) axial-lead ceramic capacitor _____
100 kΩ (brn-blk-yel) resistor _____
1N4149 diode (#56-56) _____
.1 μF (104) axial-lead ceramic capacitor _____
14.3 kΩ precision (brn-yel-org-red) resistor _____
71.5 kΩ precision (viol-brn-grn-red) resistor _____
2870 Ω precision (red-gry-viol-brn) resistor _____
143 kΩ precision (brn-yel-org-org) resistor _____
287 kΩ precision (red-gry-viol-org) resistor _____
1430 Ω precision (brn-yel-org-brn) resistor _____
28.7 kΩ precision (red-gry-viol-red) resistor _____
7150 Ω precision (viol-brn-grm-brn) resistor _____
4700 Ω (yel-viol-red) resistor _____
4700 Ω (yel-viol-red) resistor _____
4700 Ω (yel-viol-red) resistor _____
1 Ω (brn-blk-gld) resistor _____
.1 μF (104) axial-lead ceramic capacitor _____
1N6263 diode (#56-655) _____
48.7 kΩ, 1% (yel-gry-viol-red) _____
48.7 kΩ, 1% (yel-gry-viol-red) _____
48.7 kΩ, 1% (yel-gry-viol-red) _____