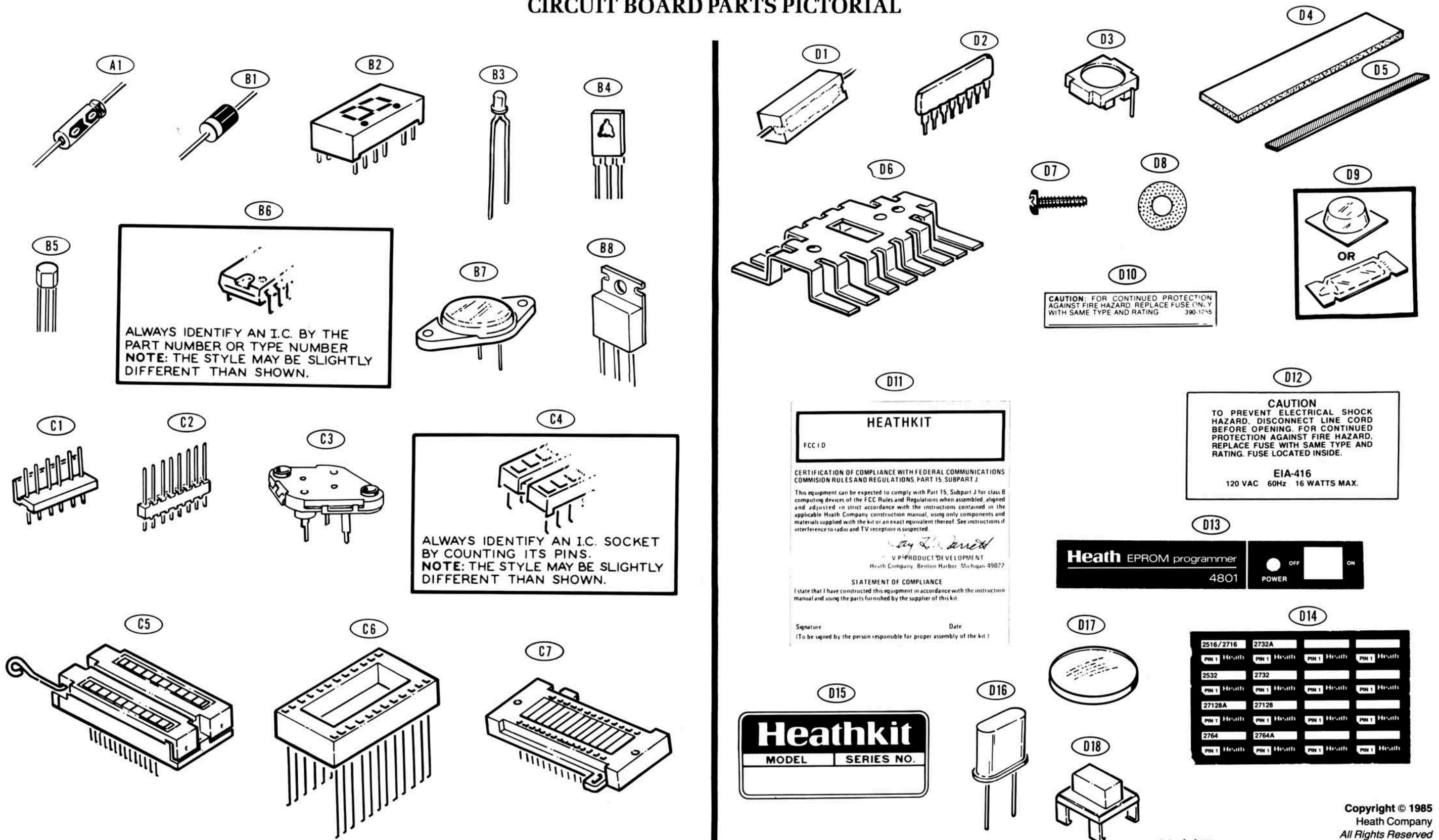


ILLUSTRATION BOOKLET

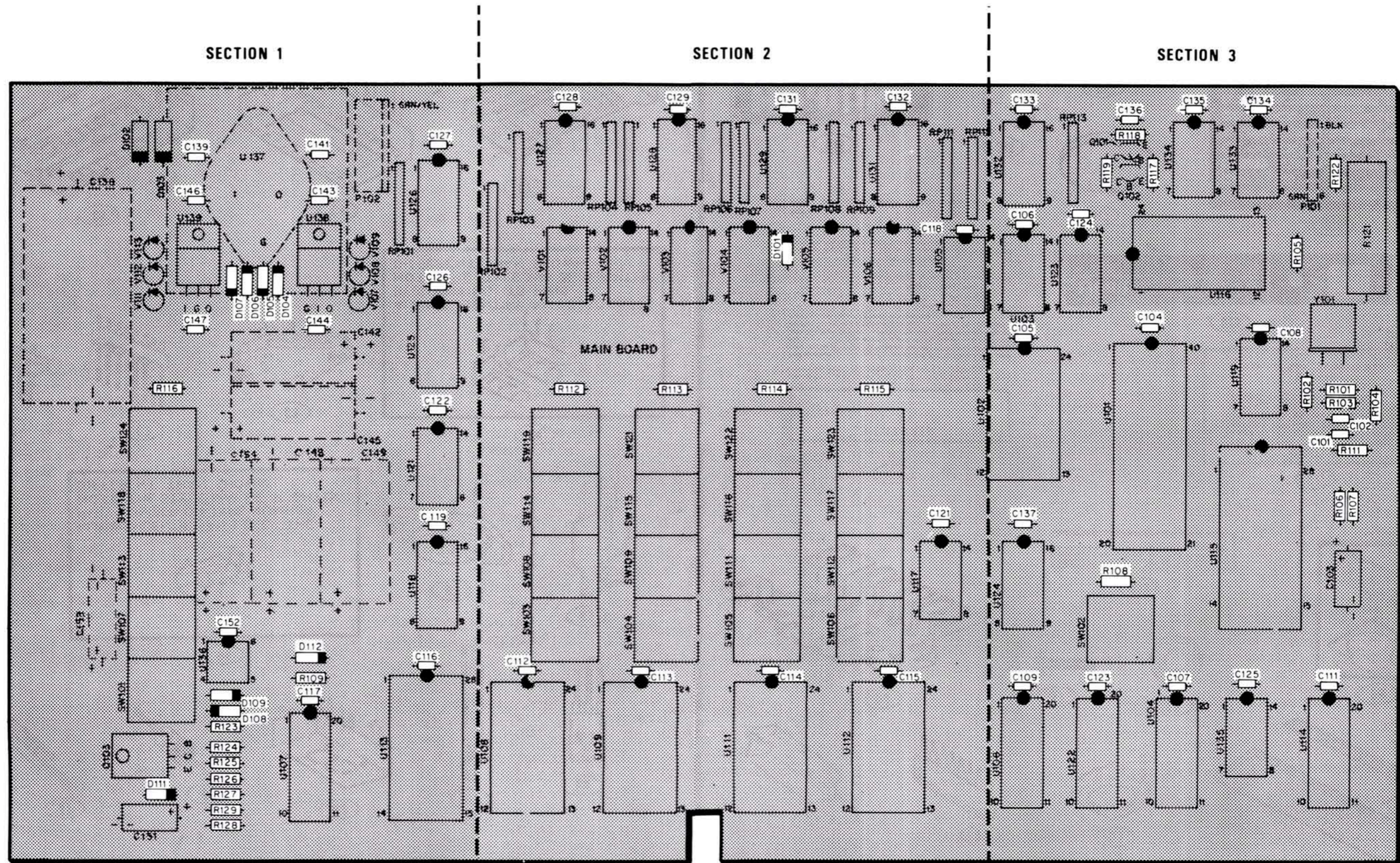
Part of 595-3318-02

CIRCUIT BOARD PARTS PICTORIAL



Model ID-4801

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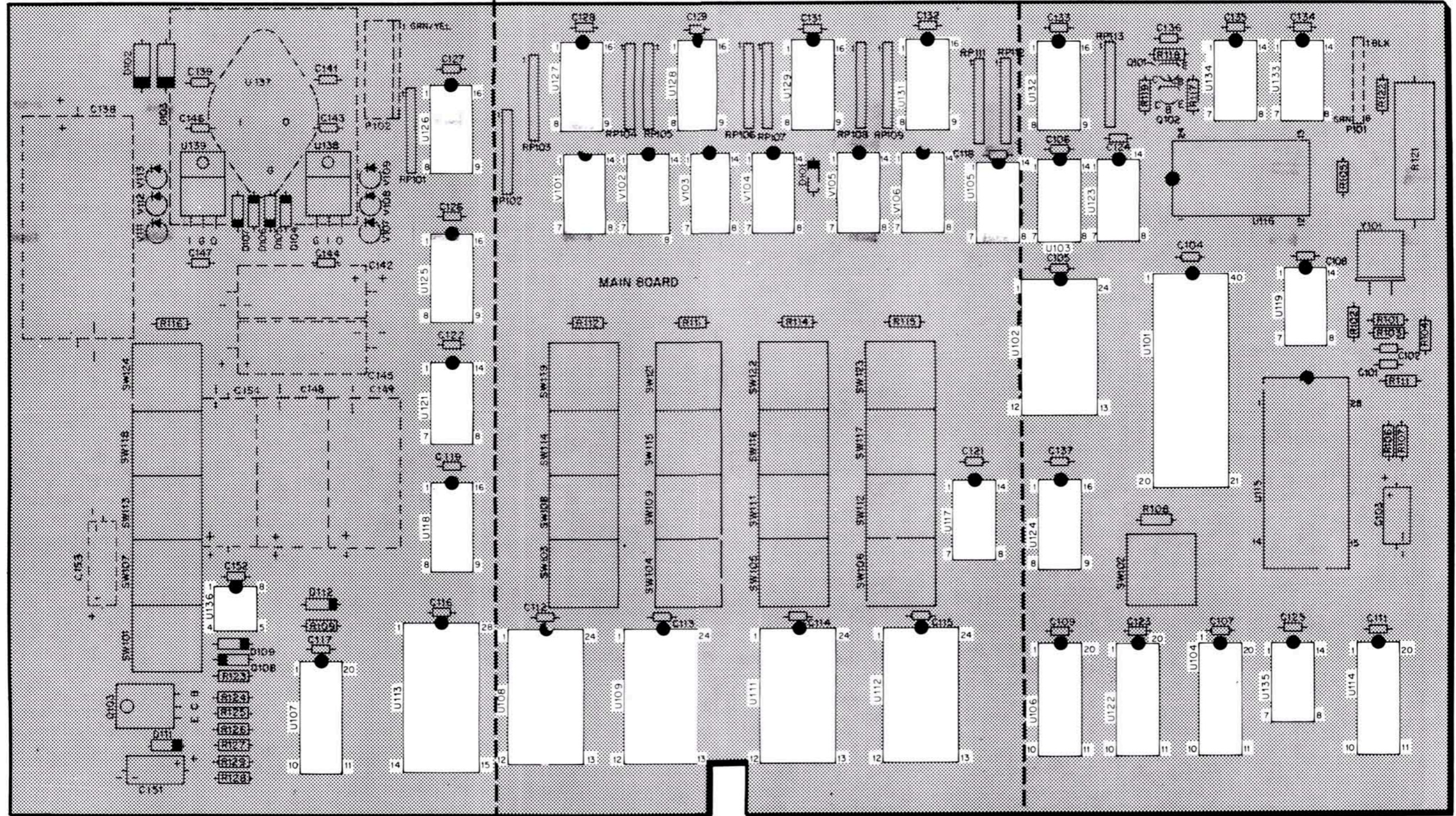


PICTORIAL 1-1

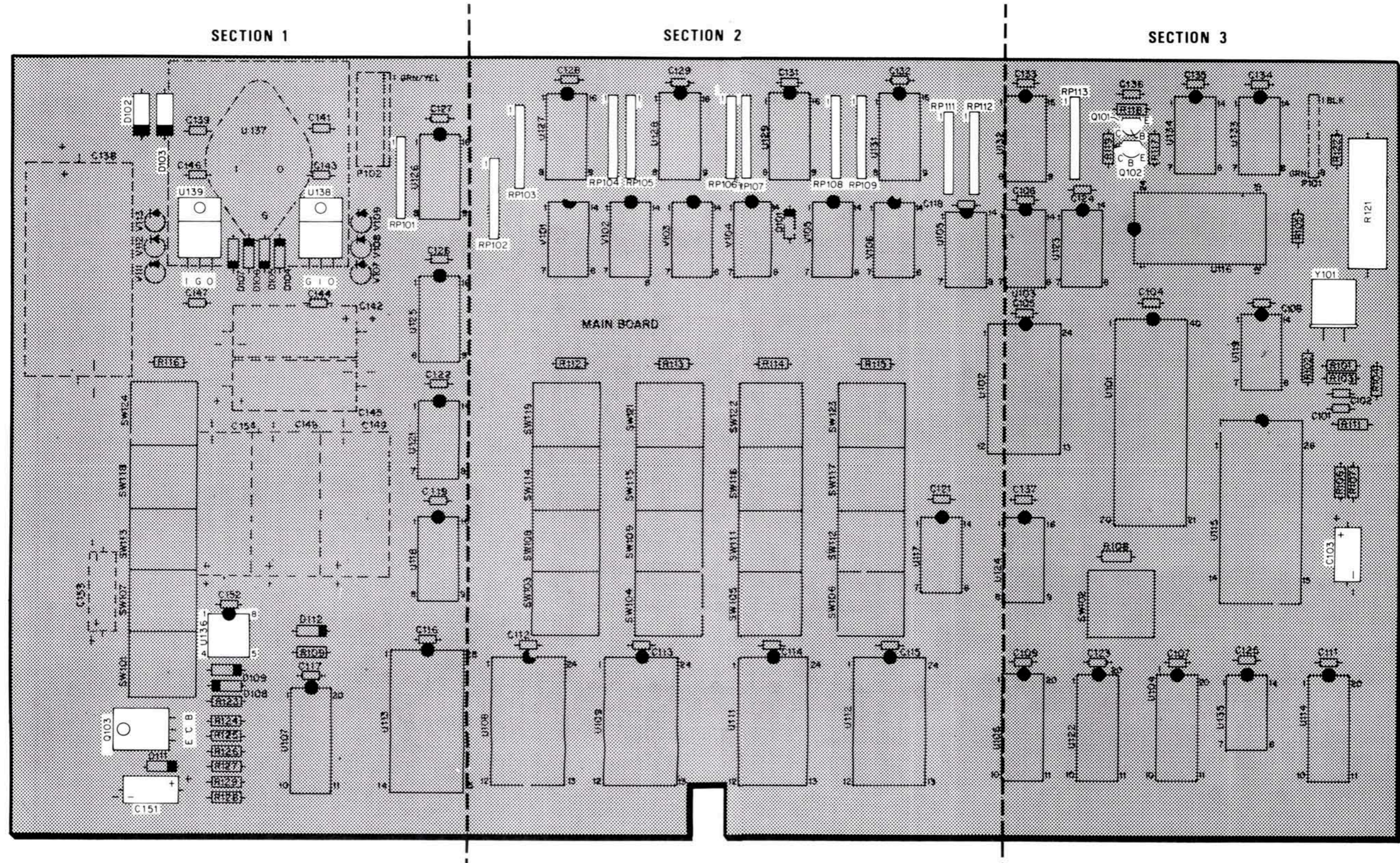
SECTION 1

SECTION 2

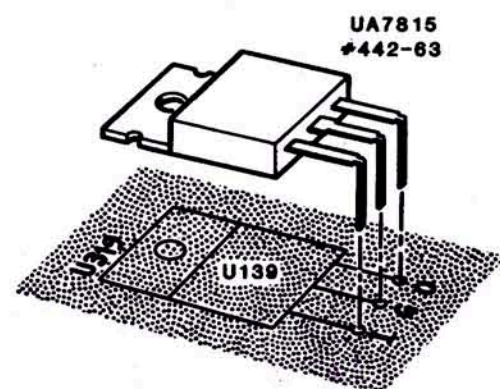
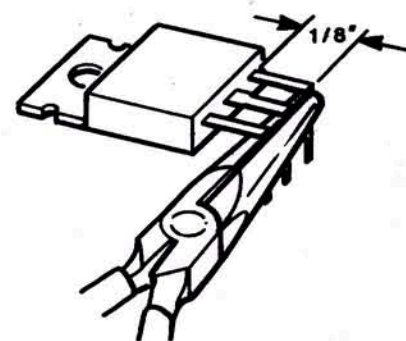
SECTION 3



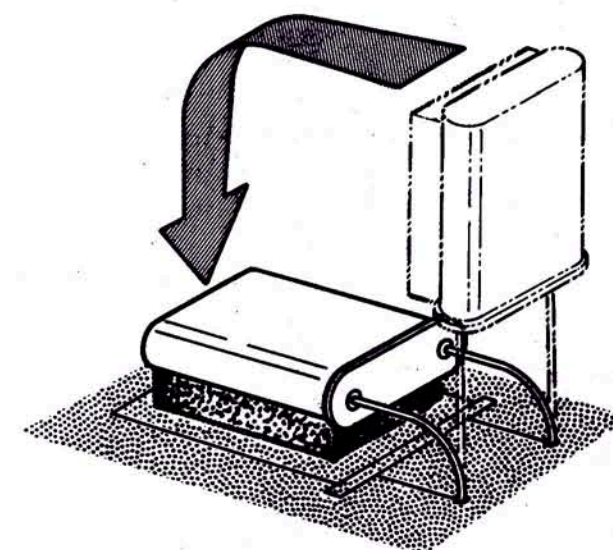
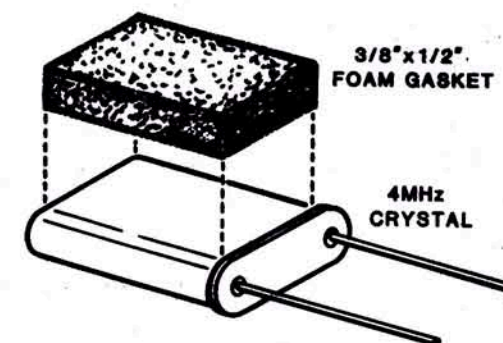
PICTORIAL 1-2



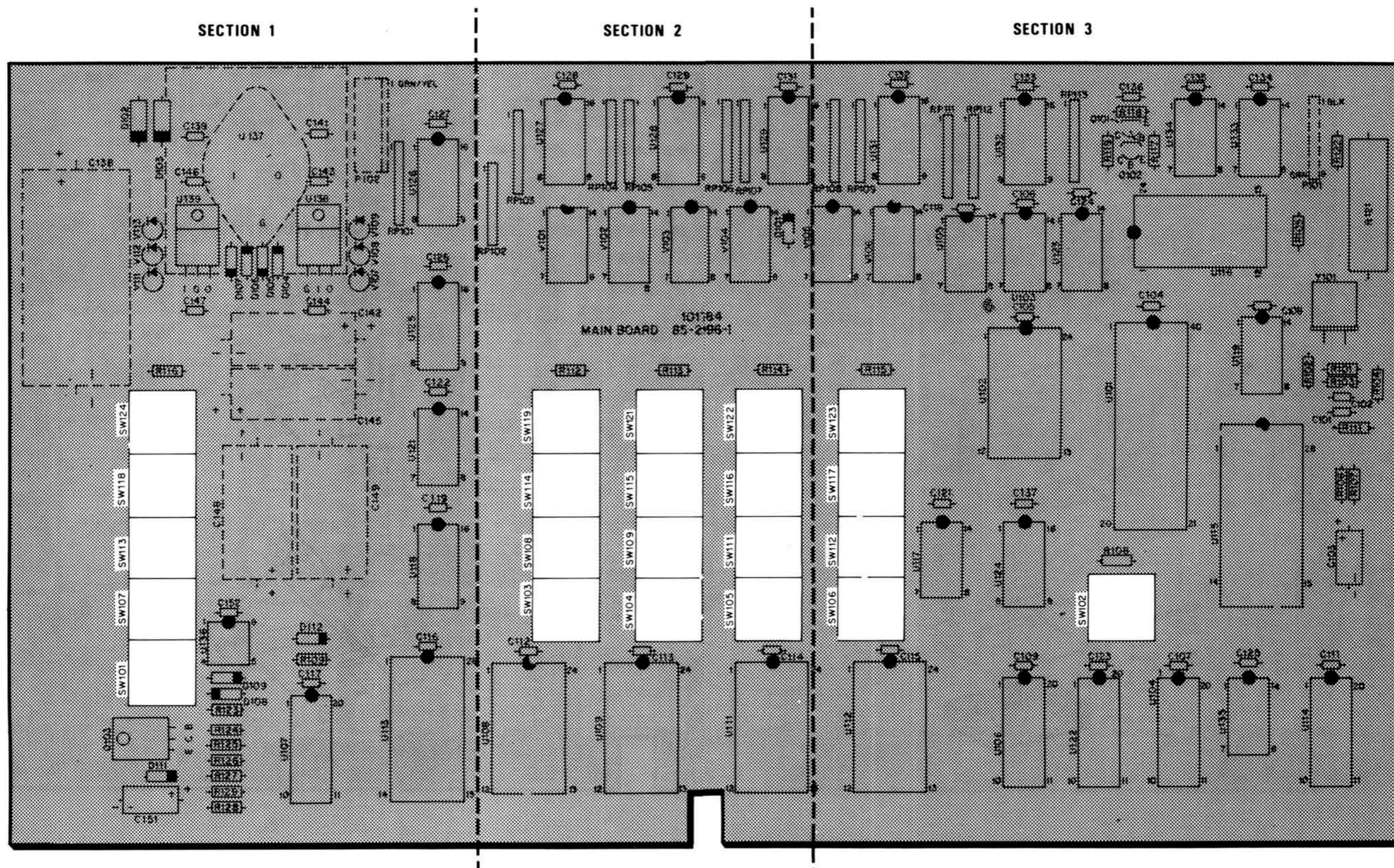
PICTORIAL 1-3



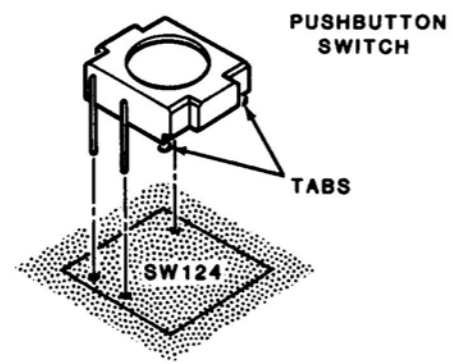
Detail 1-3A



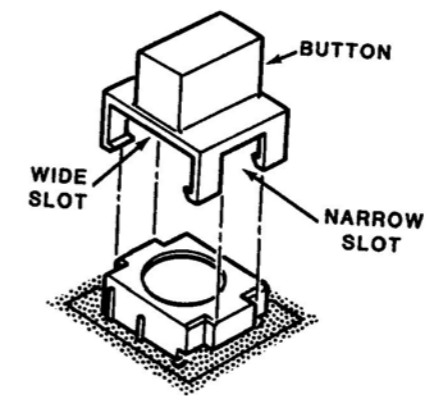
Detail 1-3B



PICTORIAL 1-4



Detail 1-4A

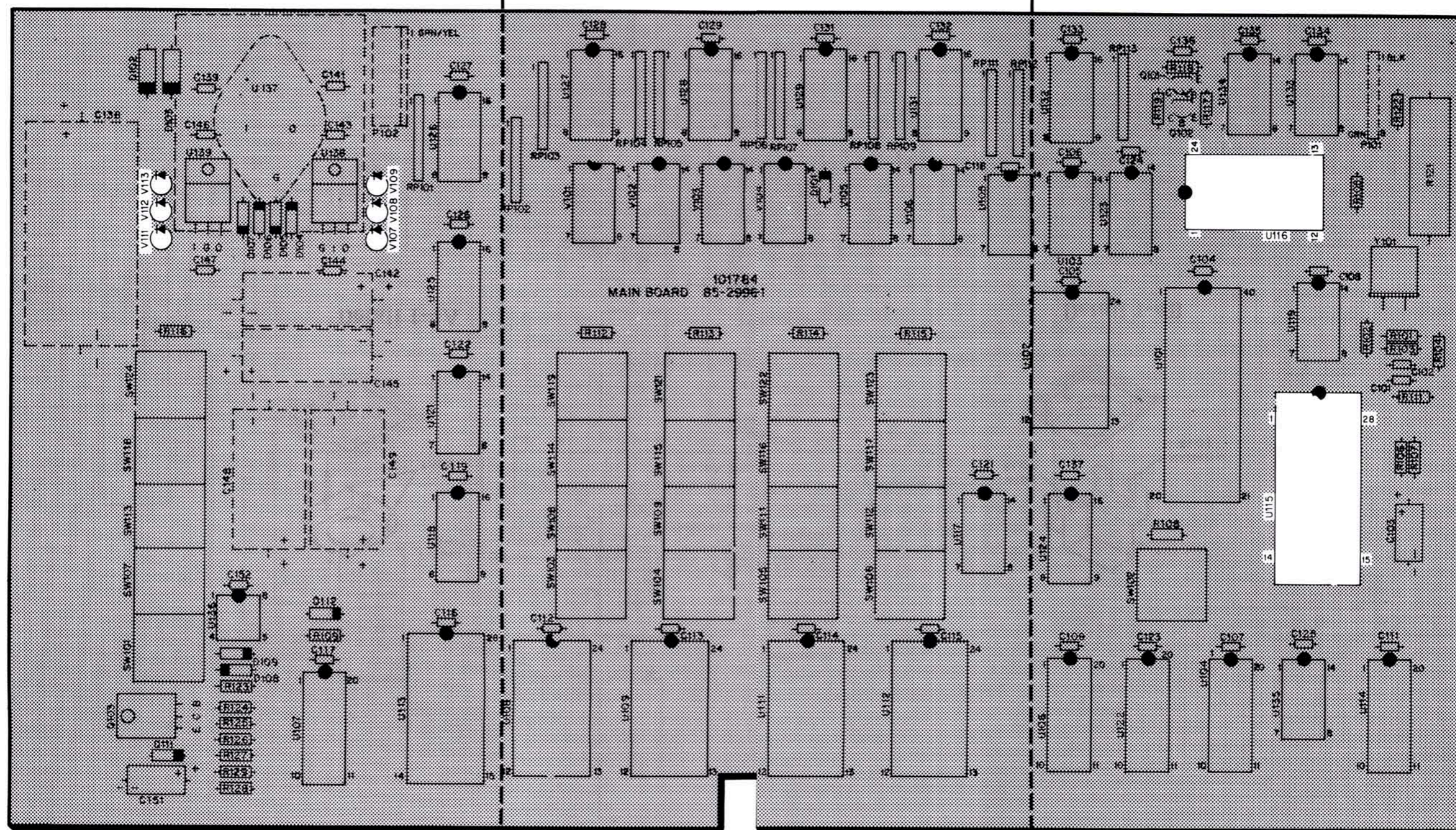


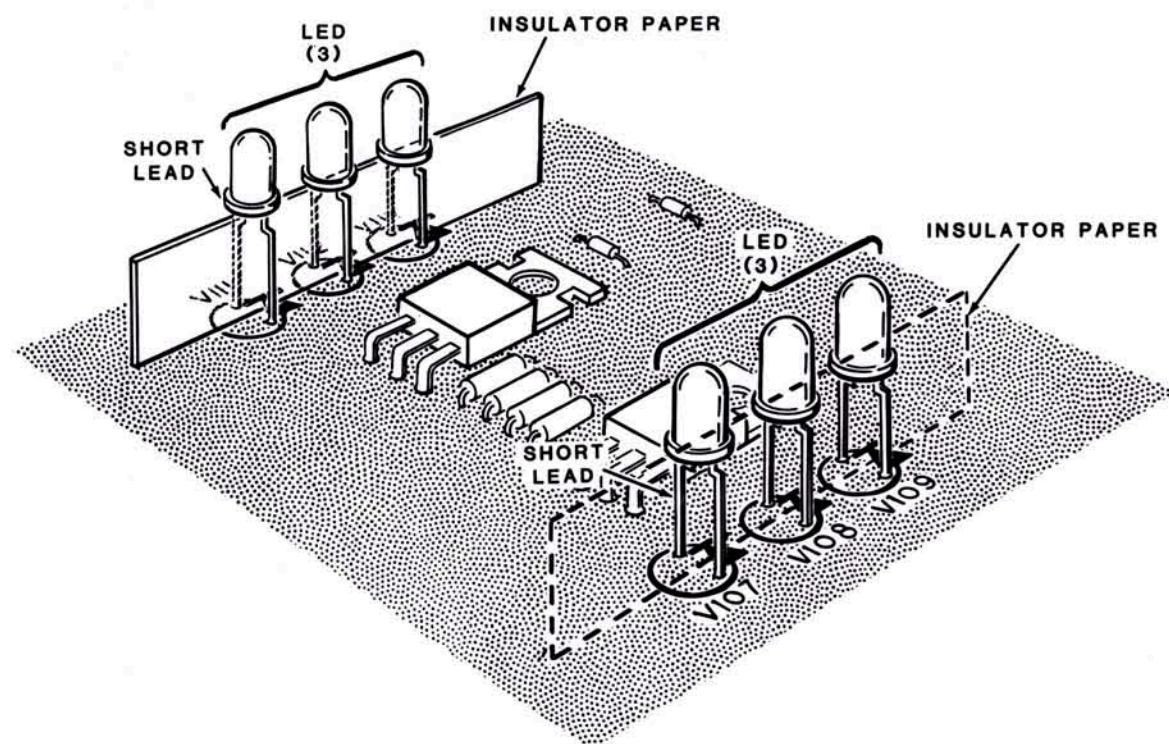
Detail 1-4B

SECTION 1

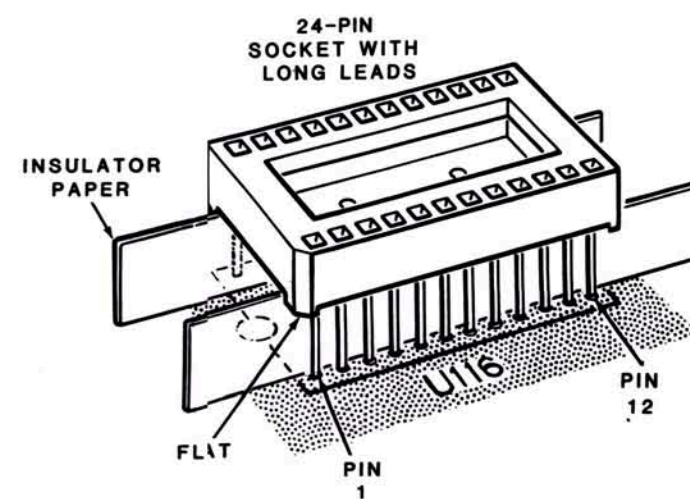
SECTION 2

SECTION 3

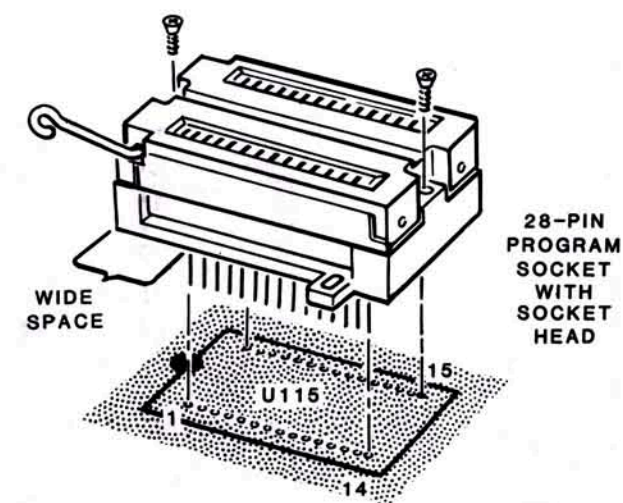




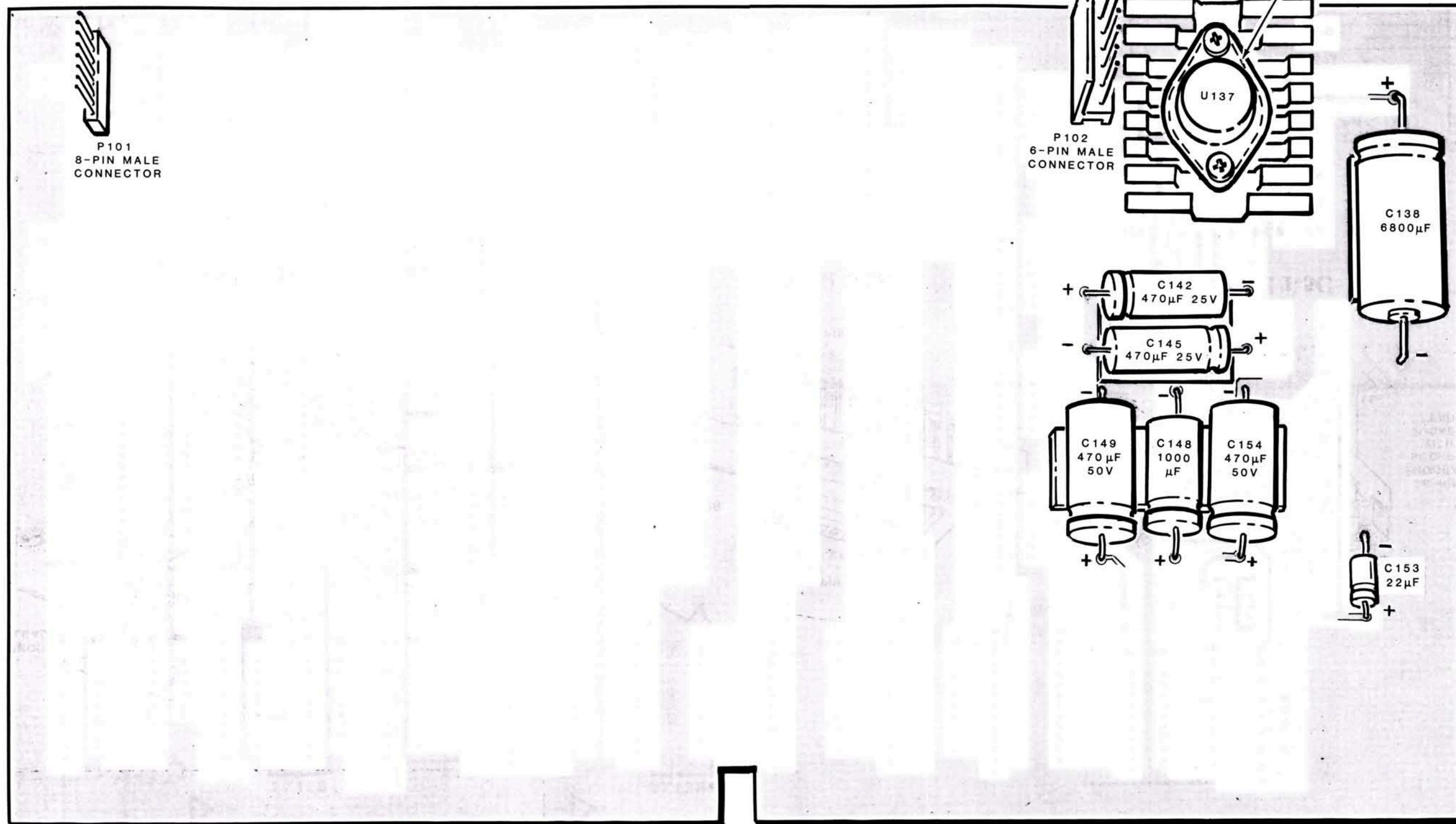
Detail 1-5A



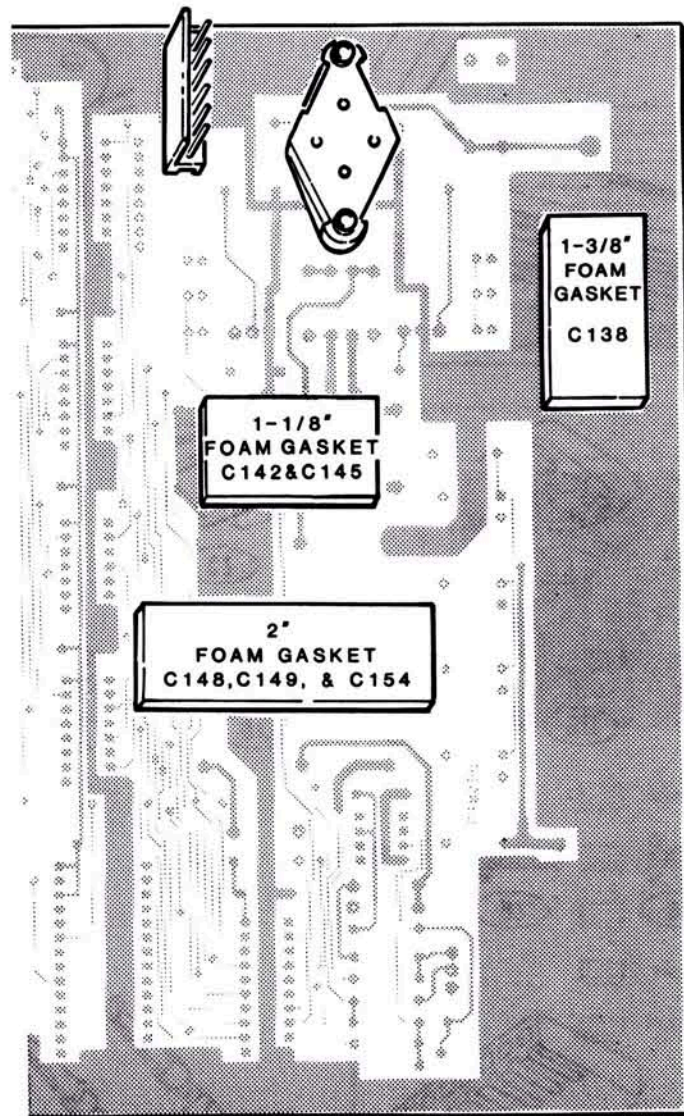
Detail 1-5B



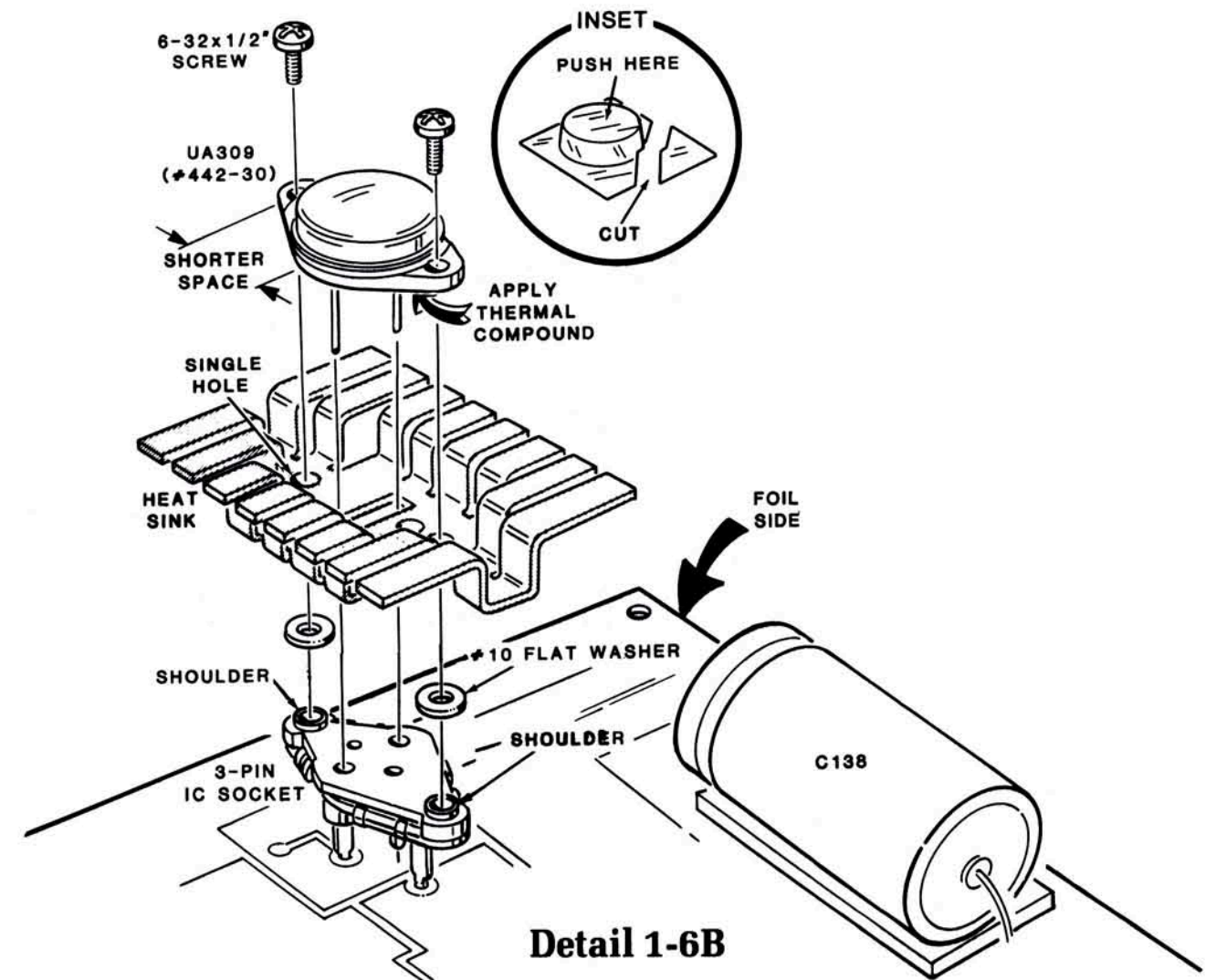
Detail 1-5C



PICTORIAL1-6

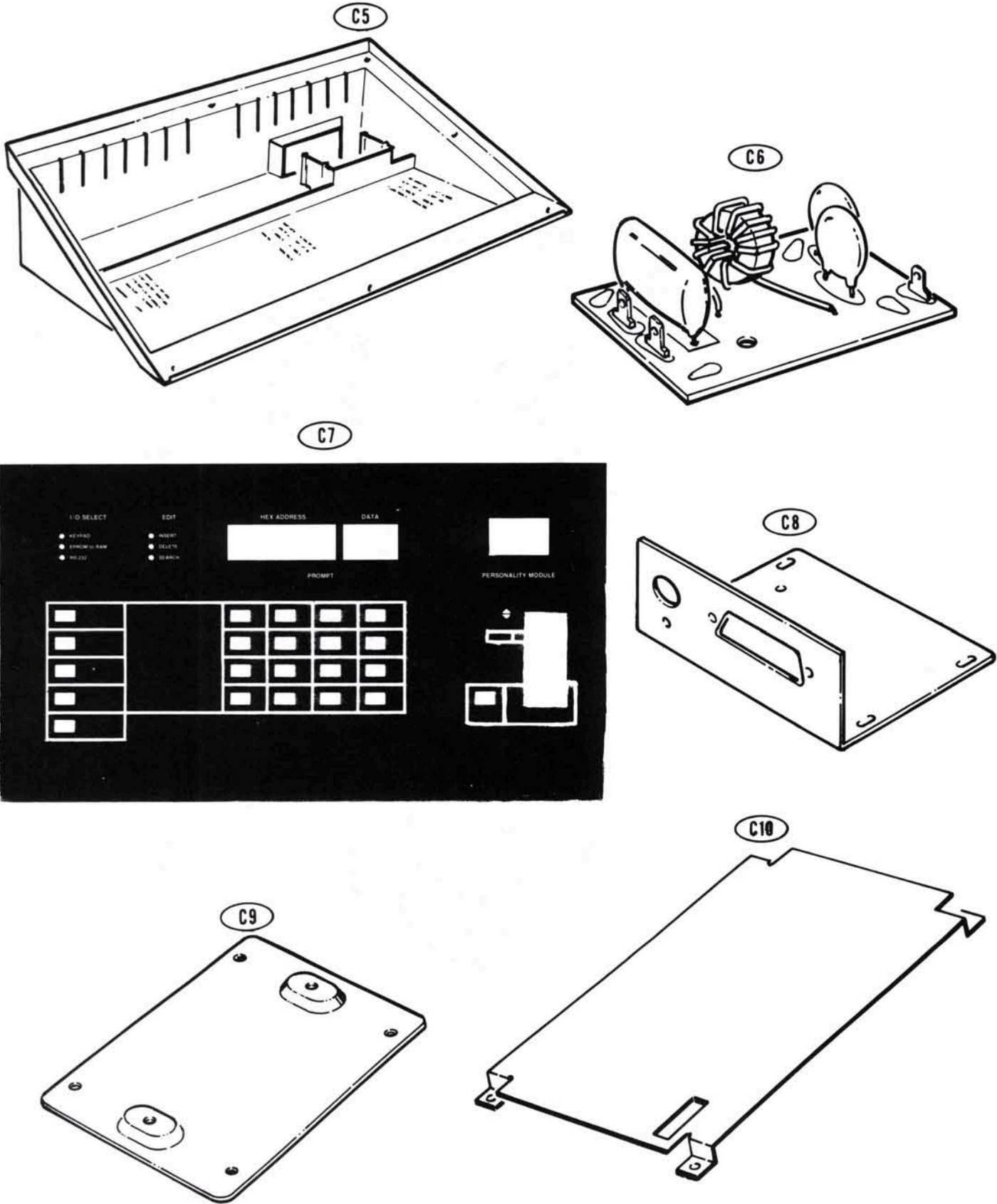
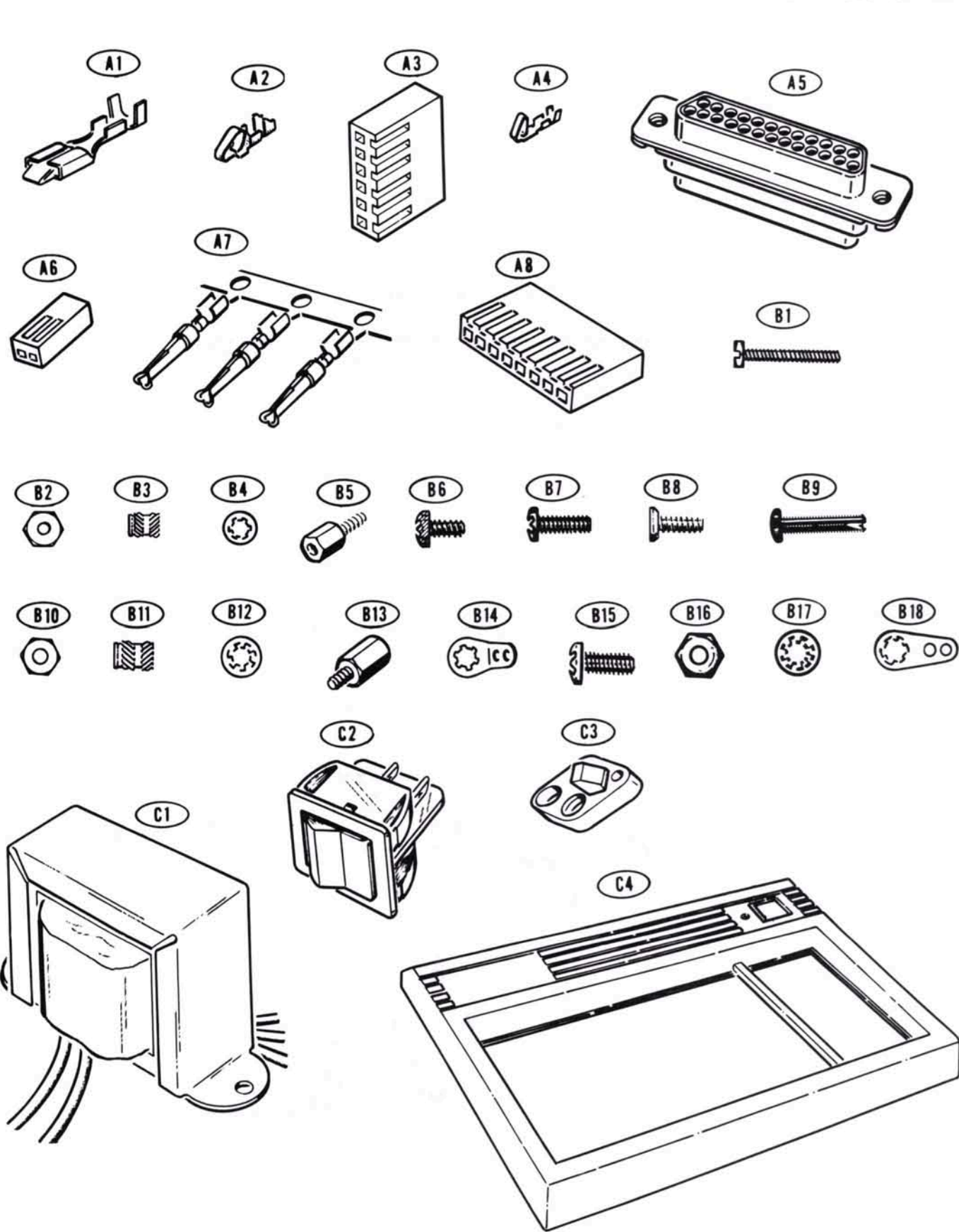


Detail 1-6A

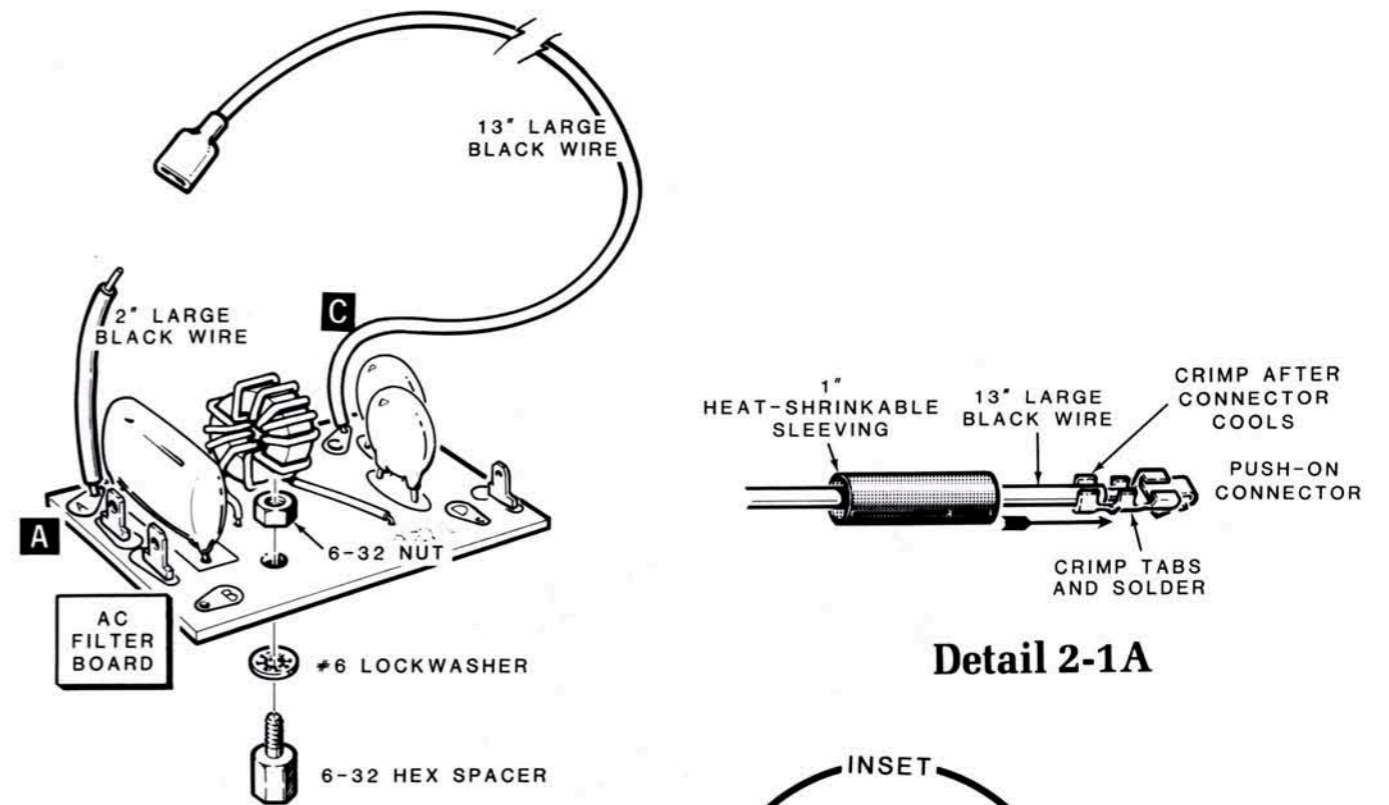
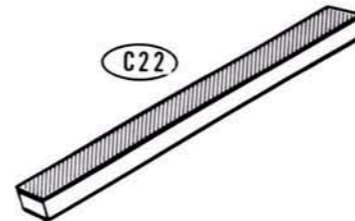
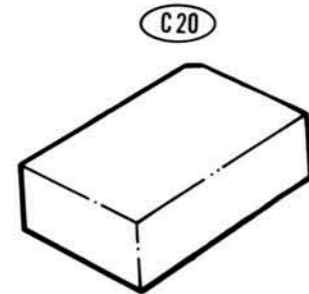
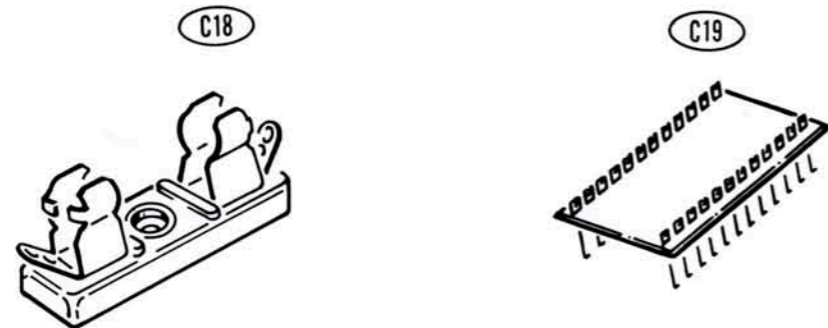
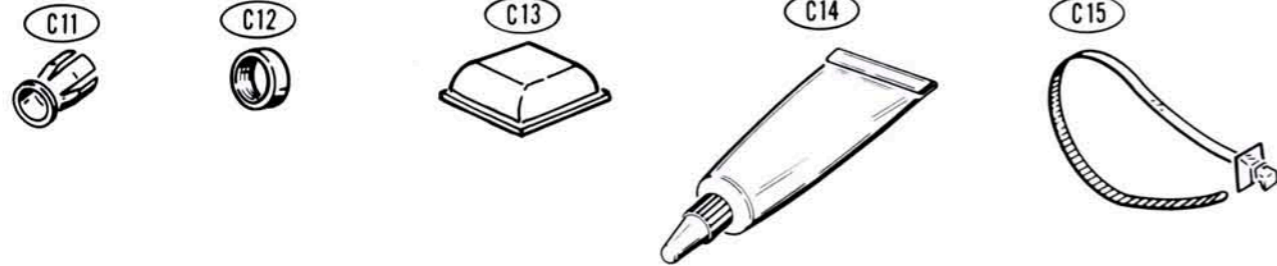


Detail 1-6B

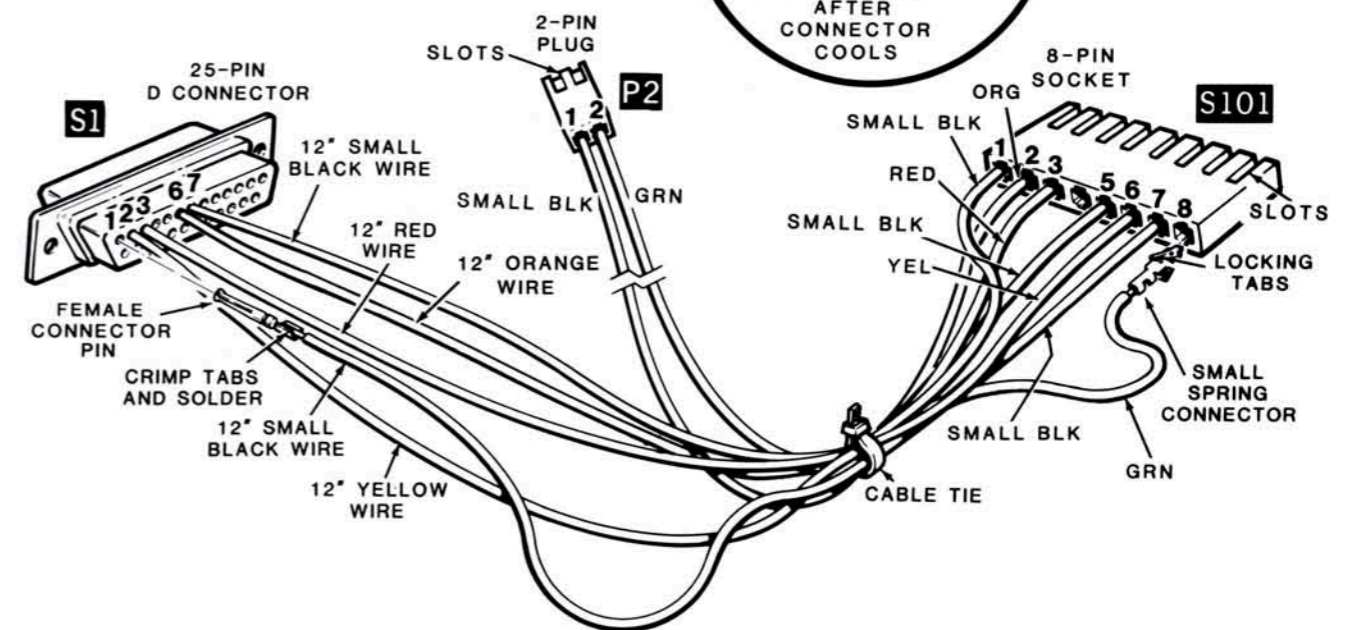
CHASSIS PARTS PICTORIAL



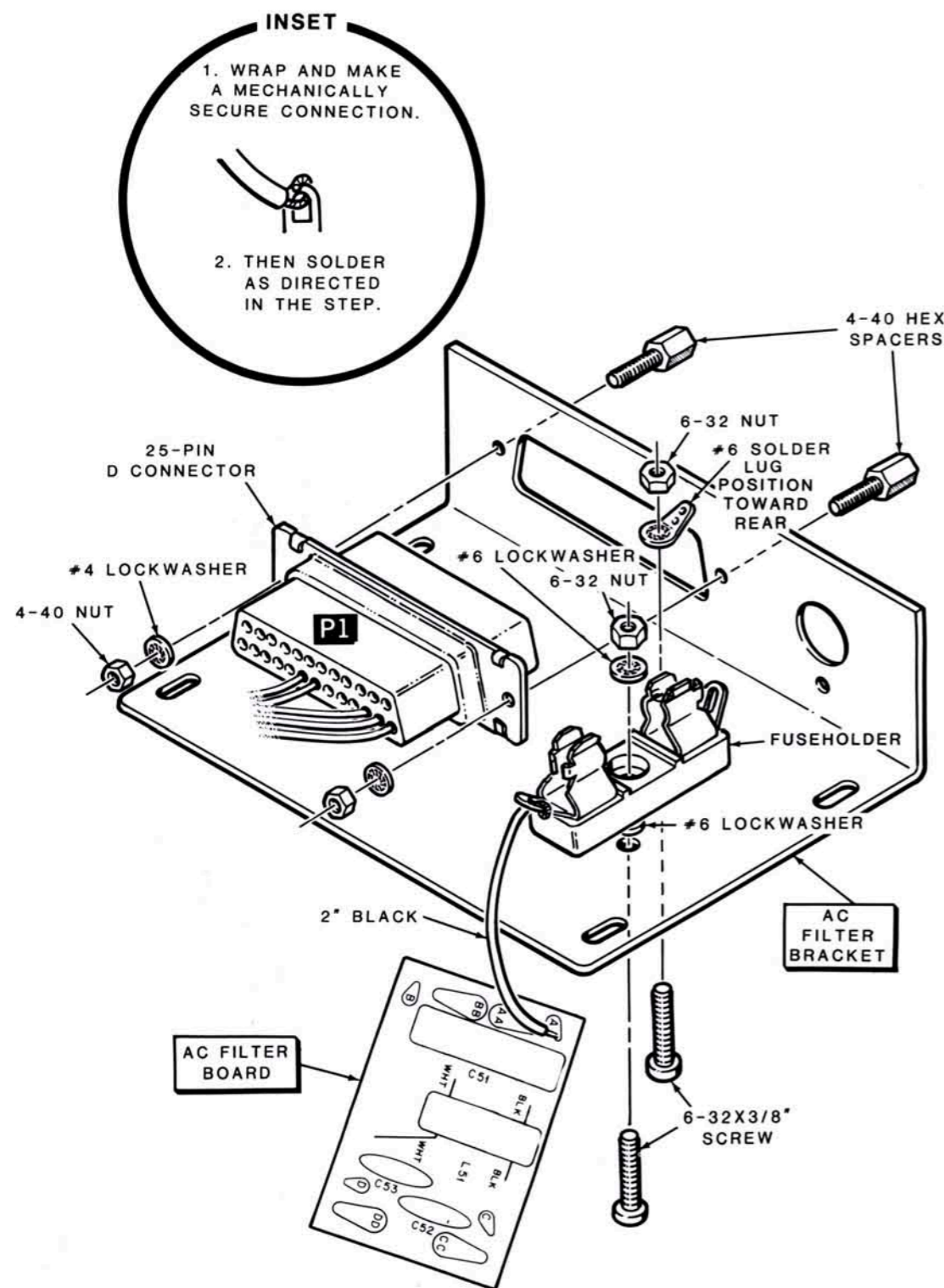
CHASSIS PARTS PICTORIAL (cont'd.)



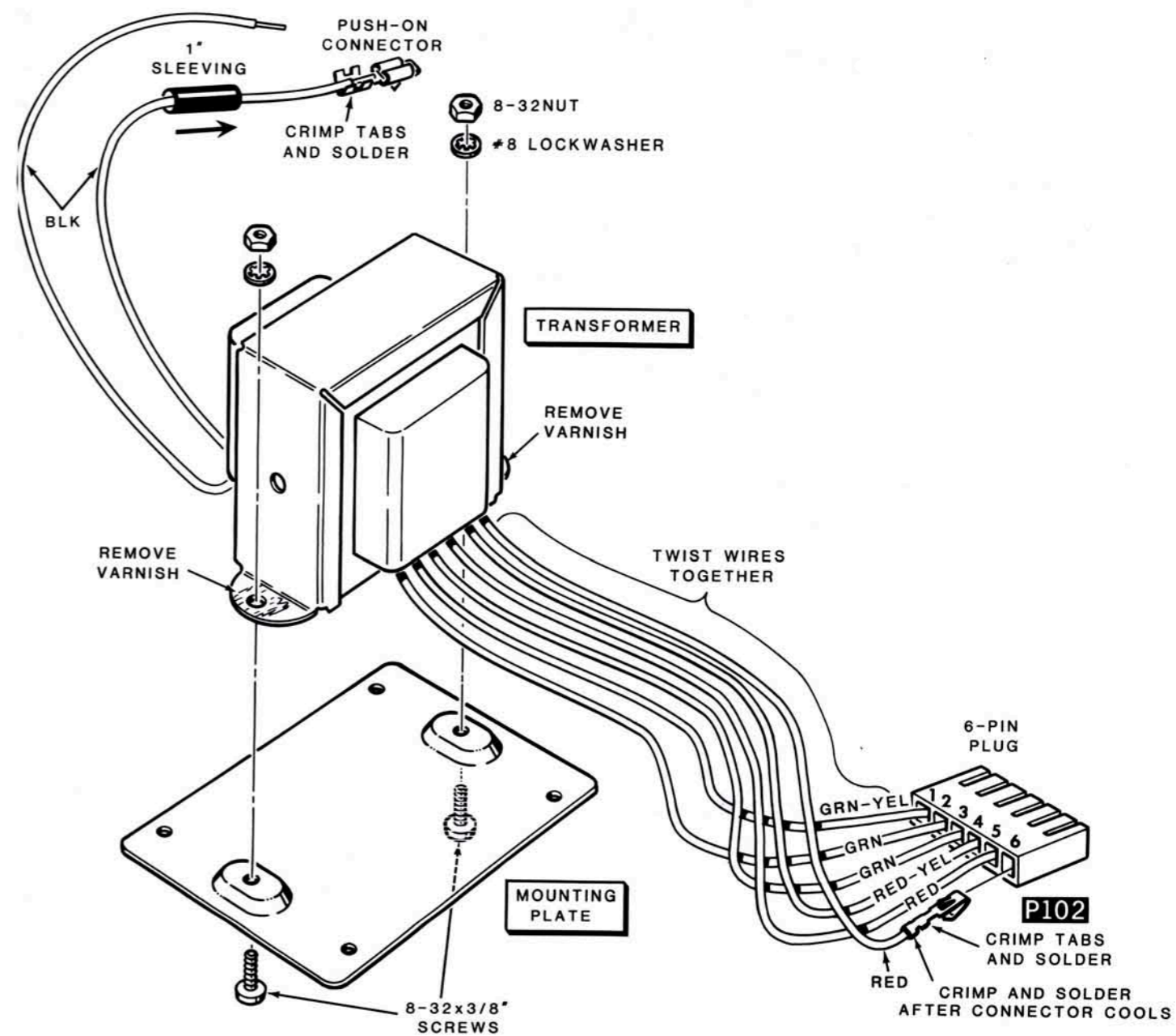
PICTORIAL 2-1



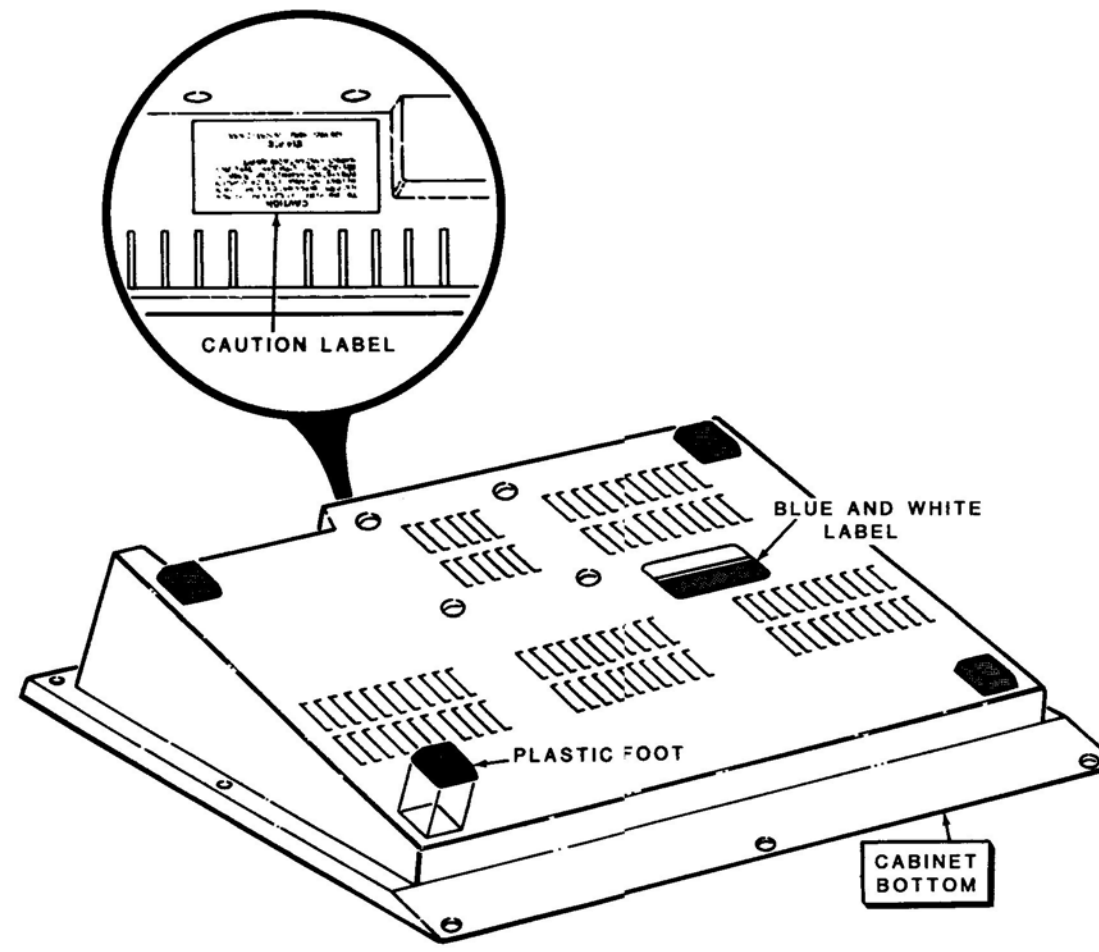
PICTORIAL 2-2



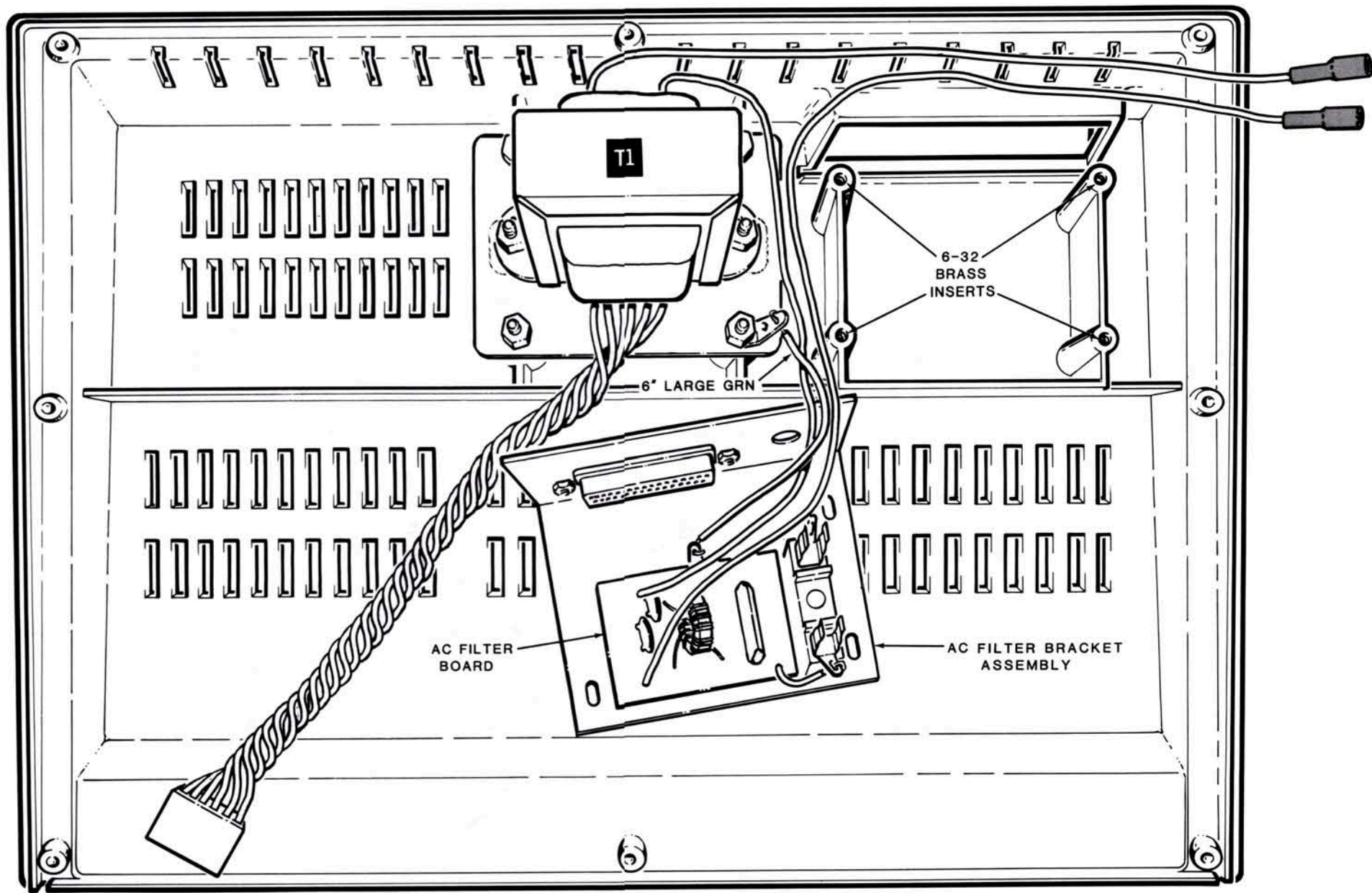
PICTORIAL 2-3



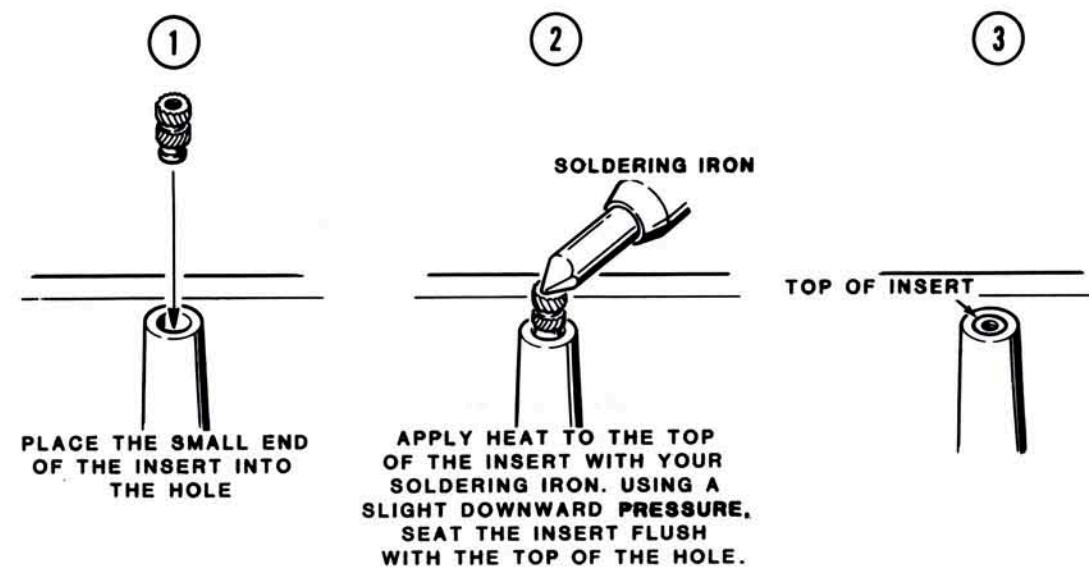
PICTORIAL 2-4



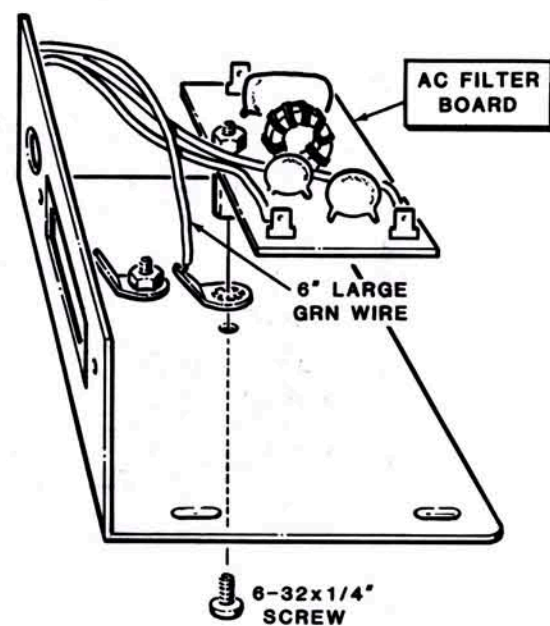
PICTORIAL 2-5



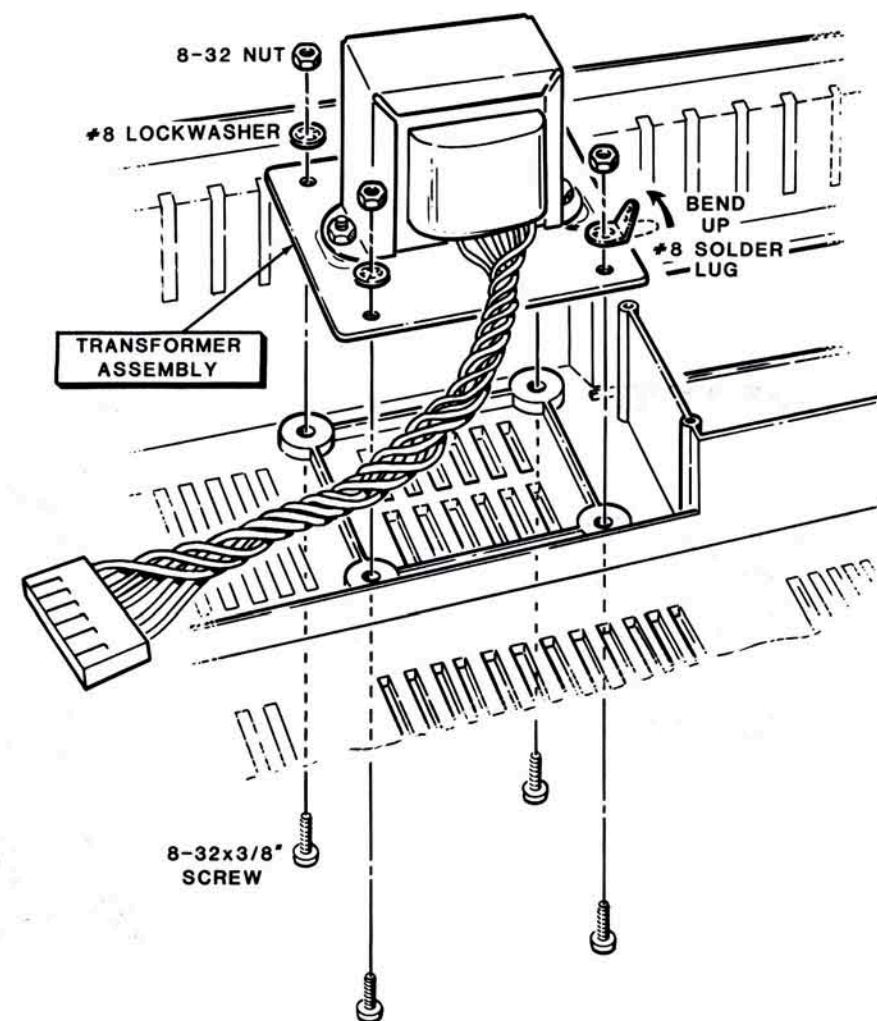
PICTORIAL 2-6



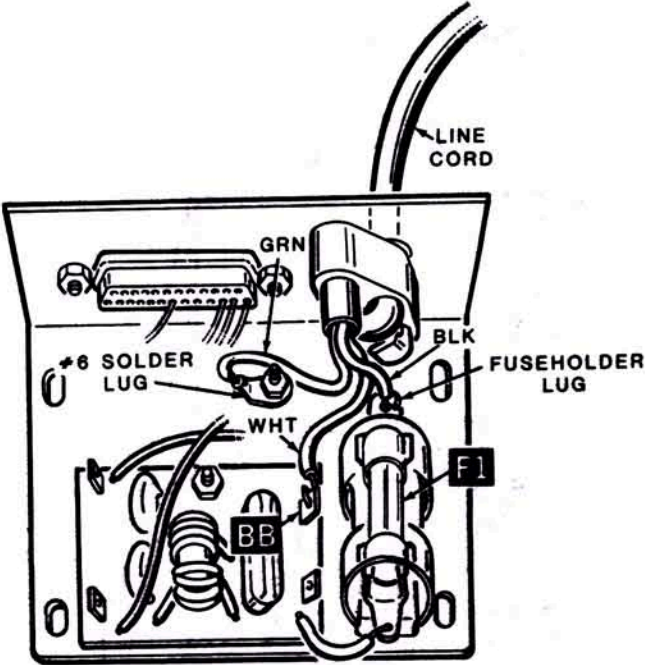
Detail 2-6A



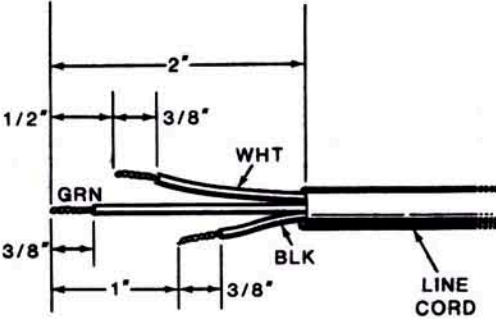
Detail 2-6C



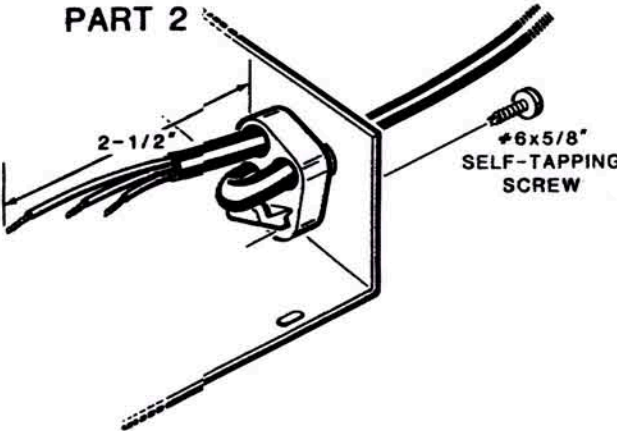
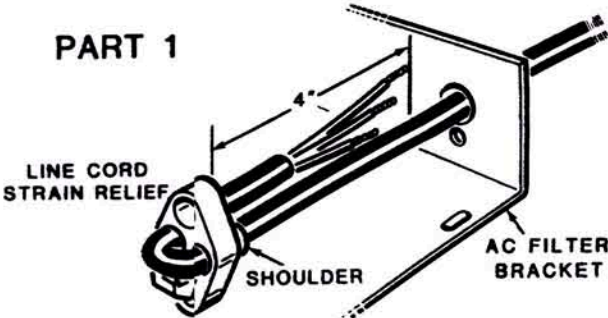
Detail 2-6B



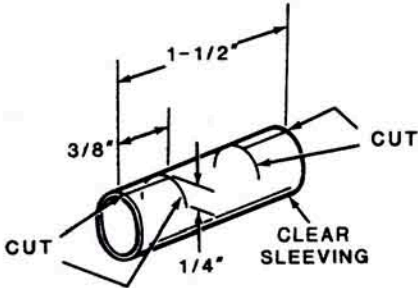
PICTORIAL 2-7



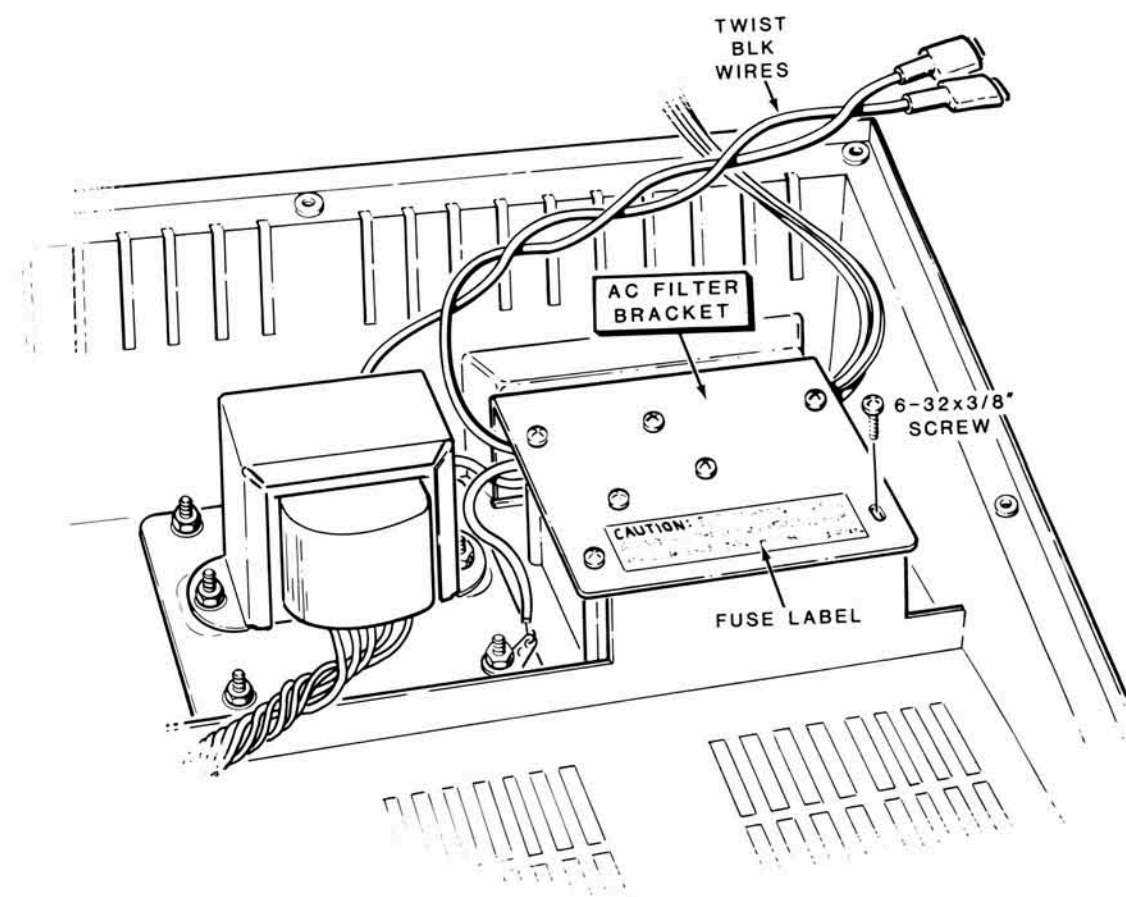
Detail 2-7A



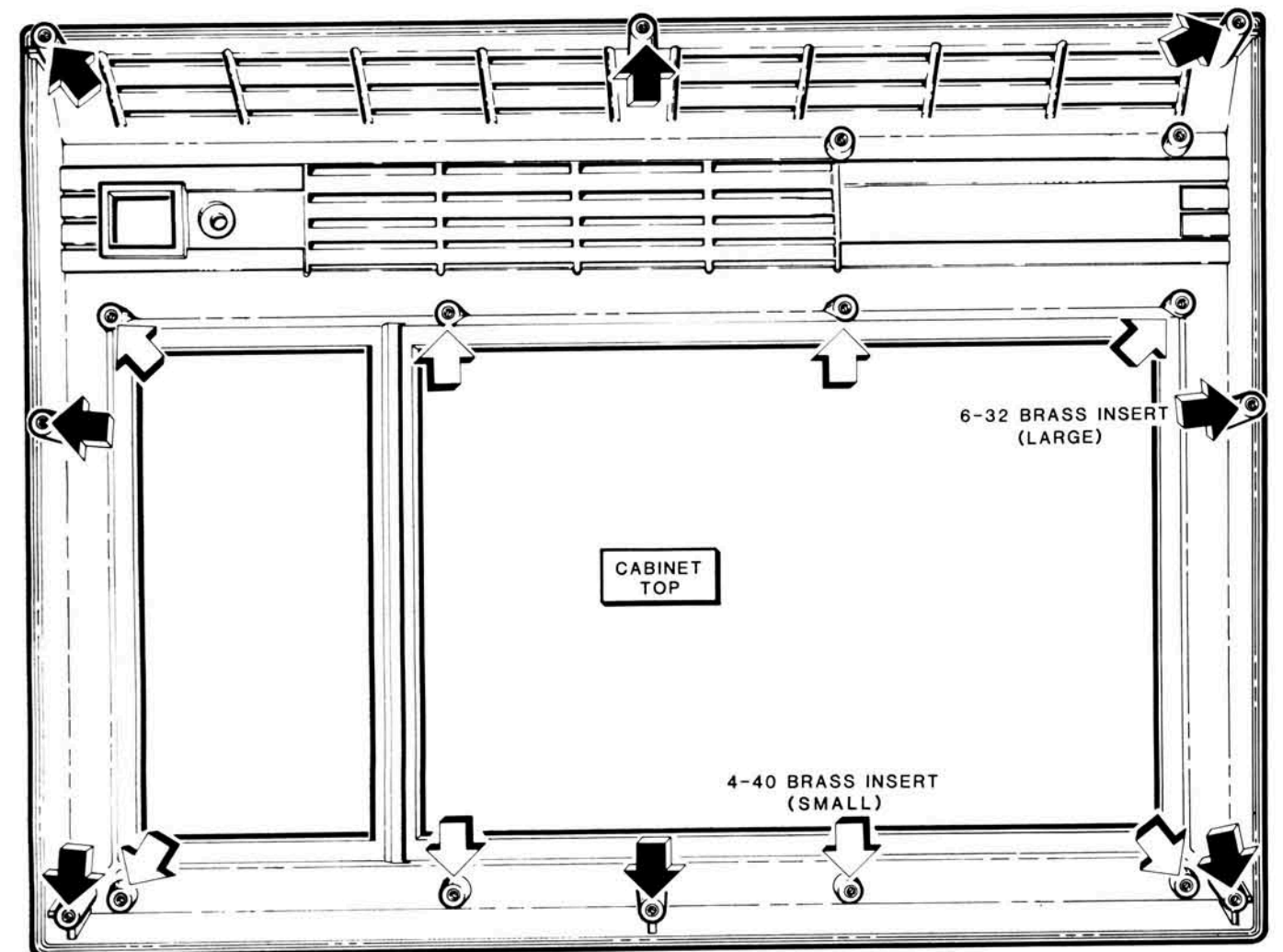
Detail 2-7B



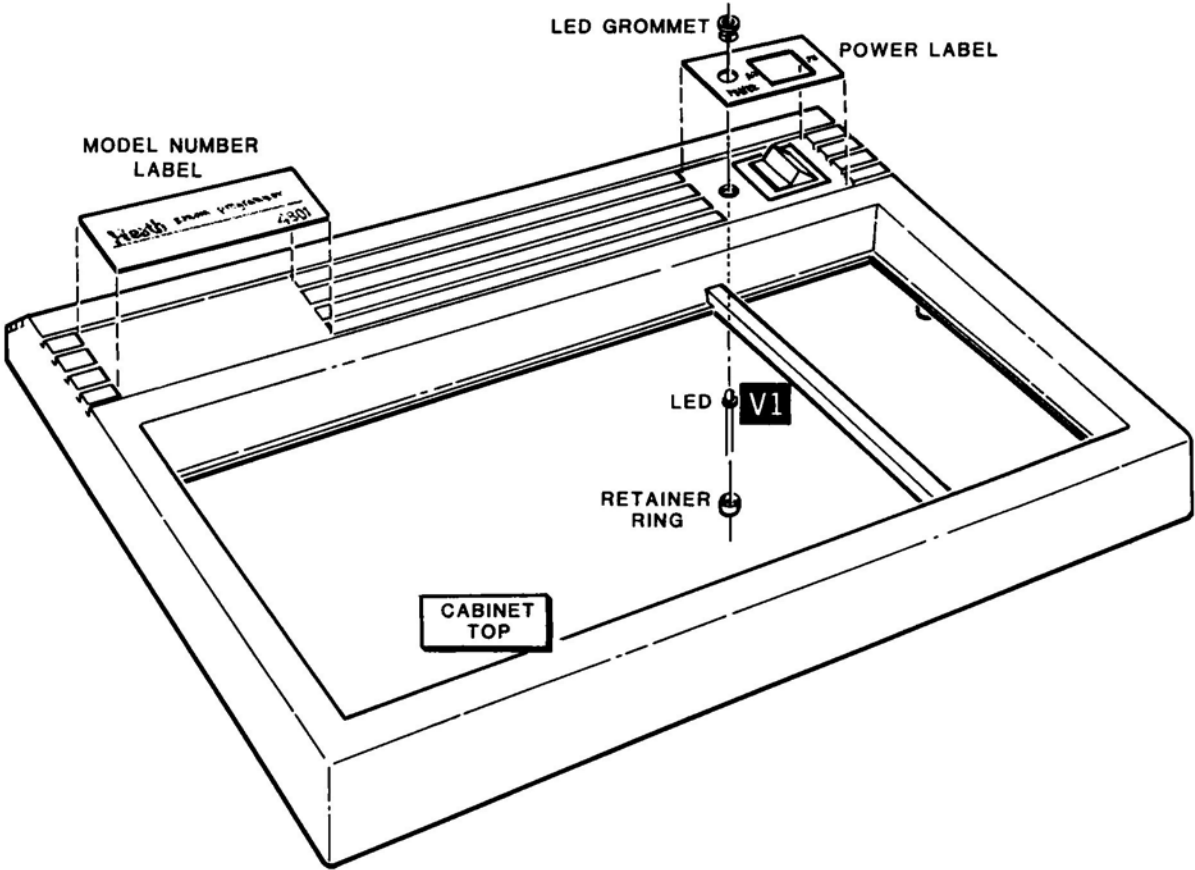
Detail 2-7C



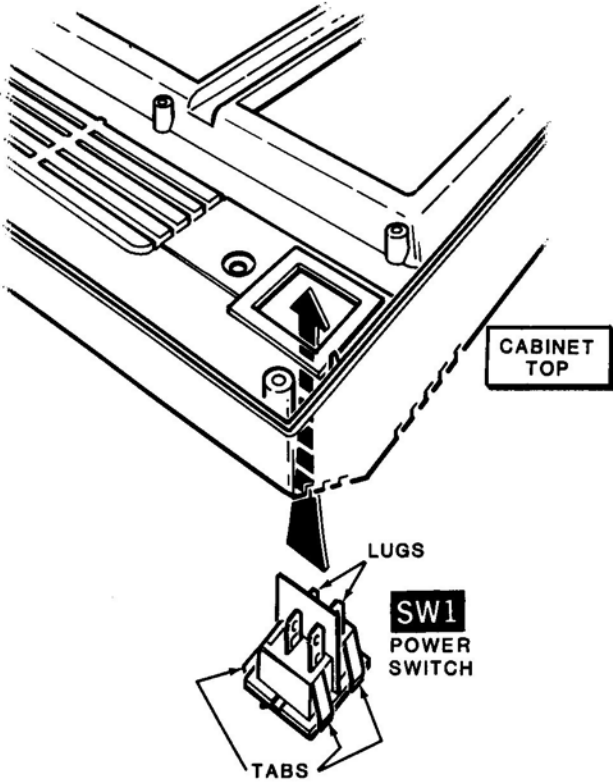
PICTORIAL 2-8



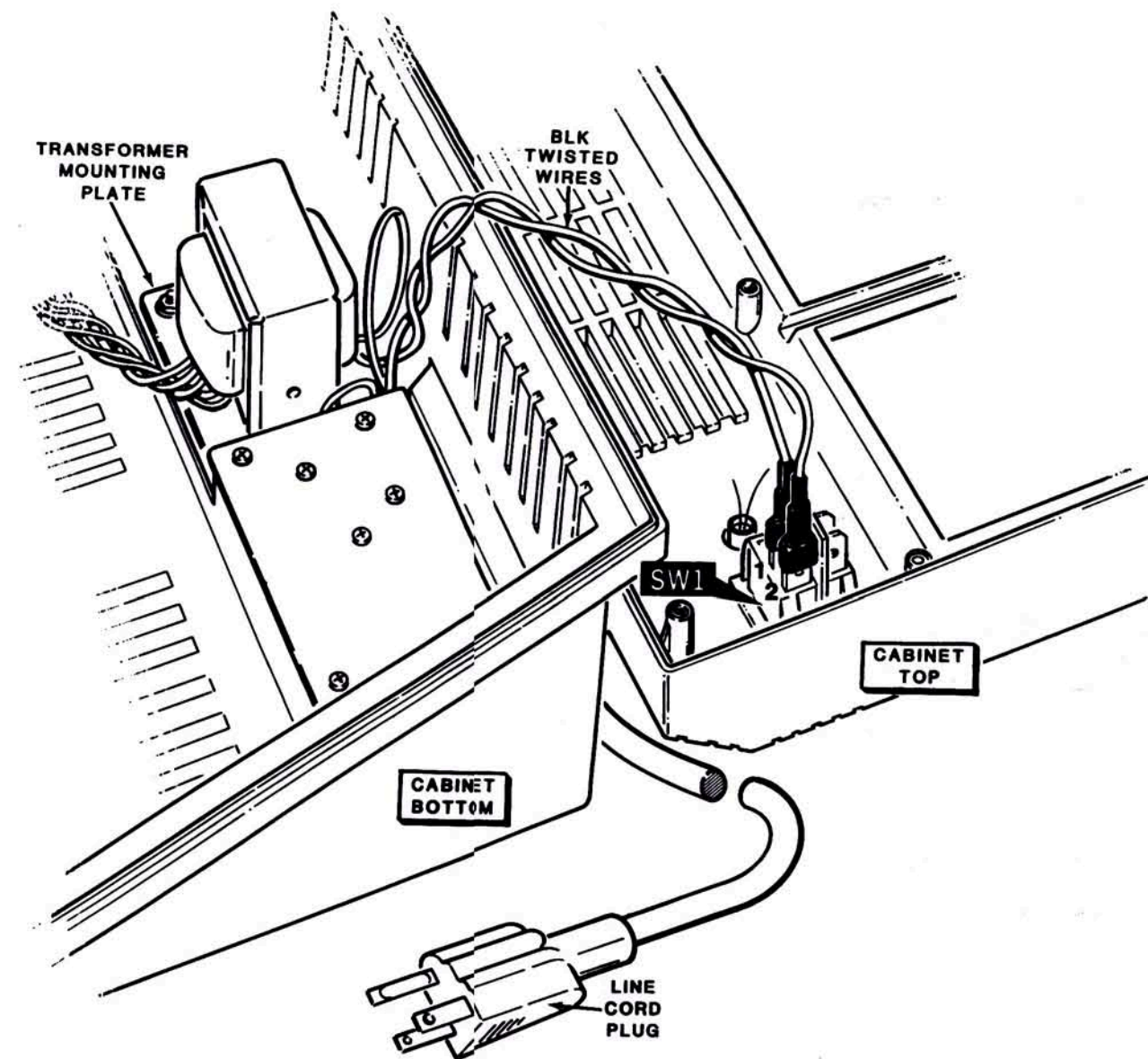
PICTORIAL 2-9



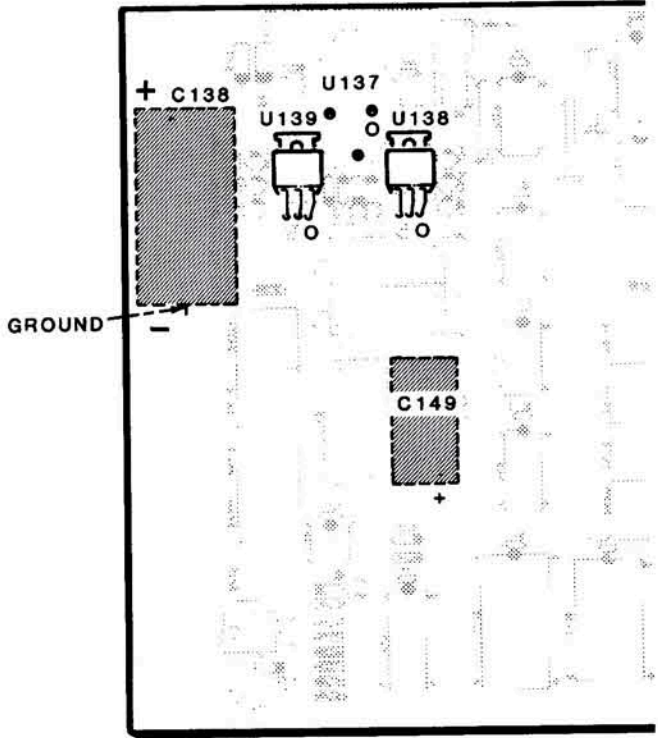
PICTORIAL 2-10



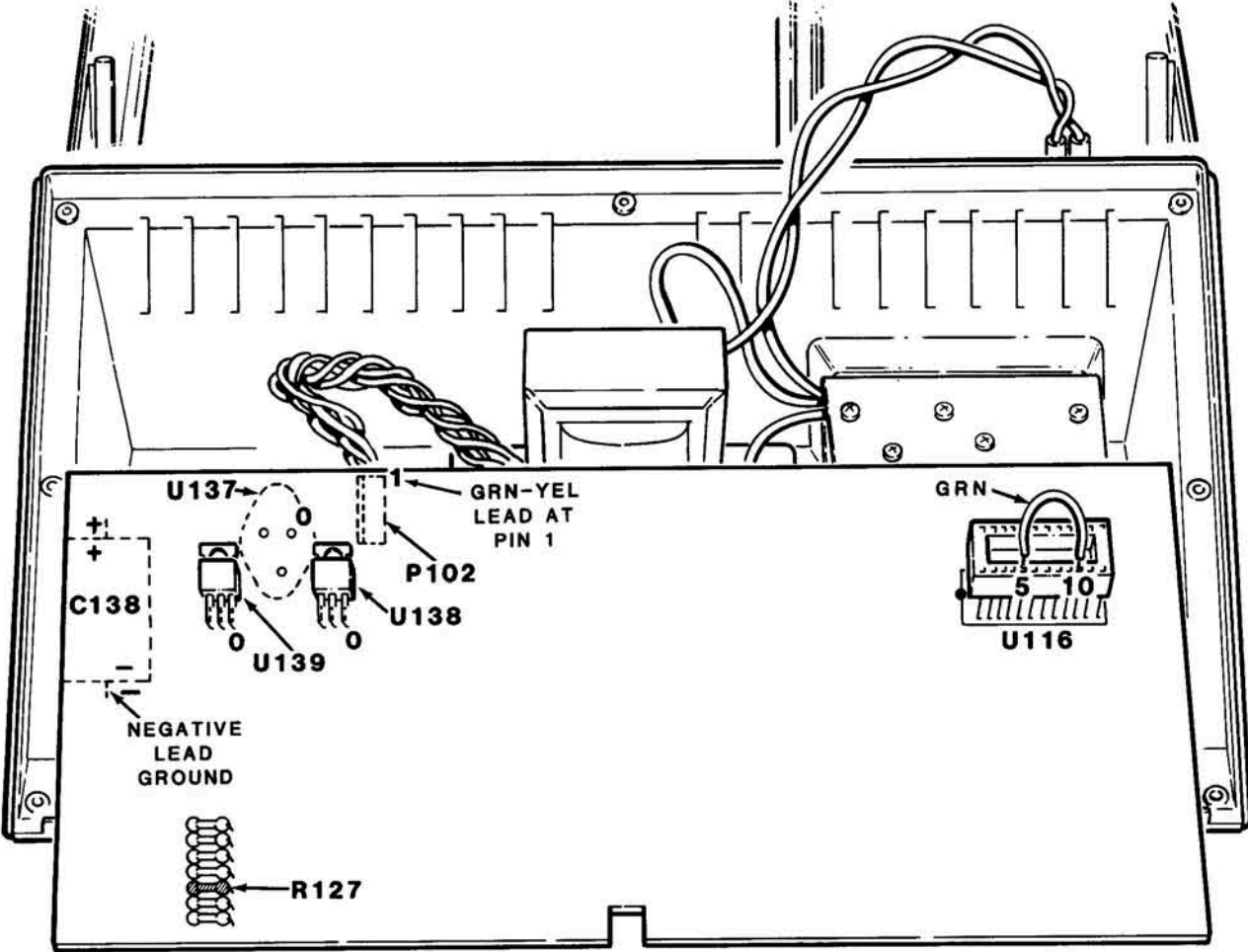
Detail 2-10A



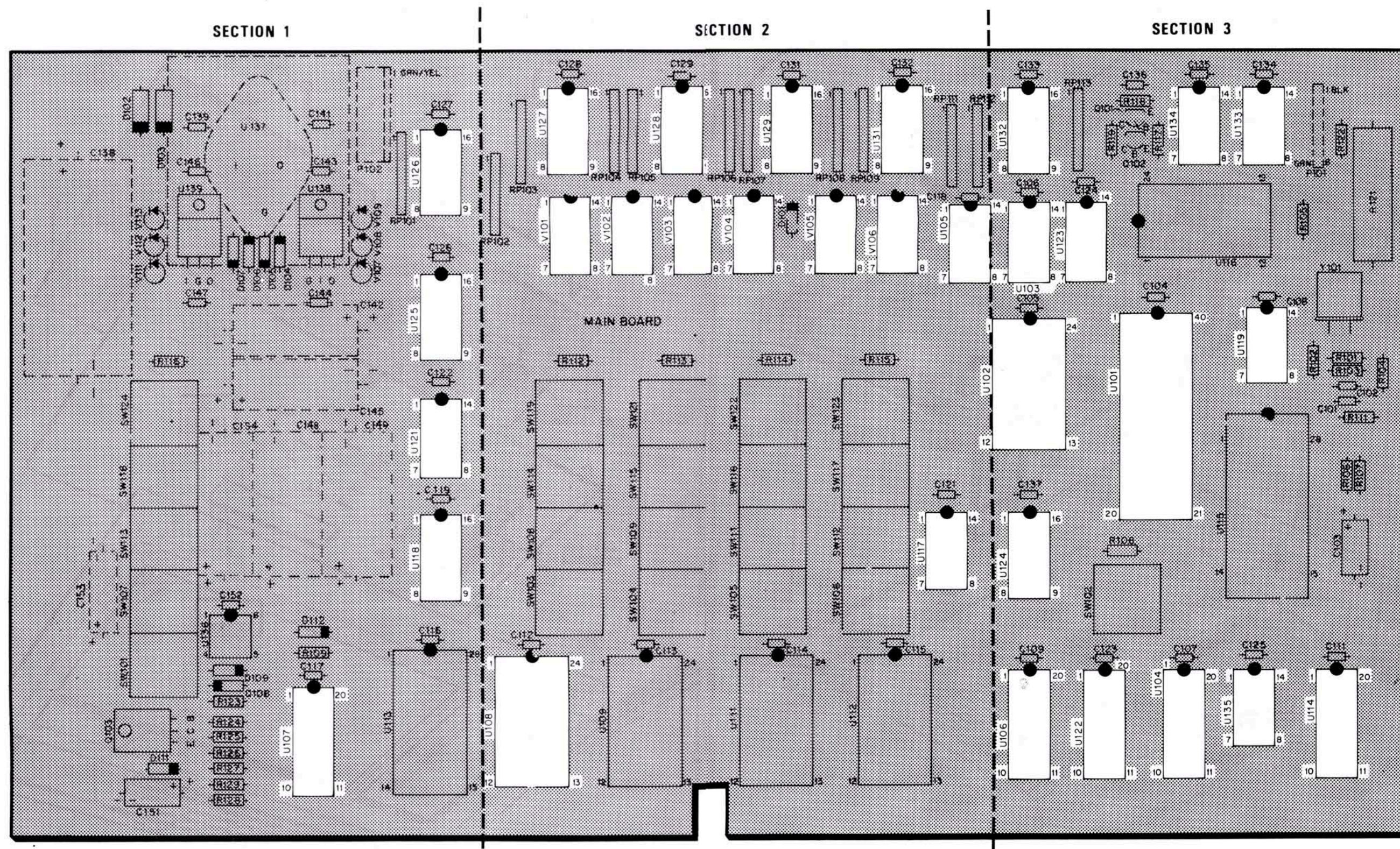
PICTORIAL 3-1



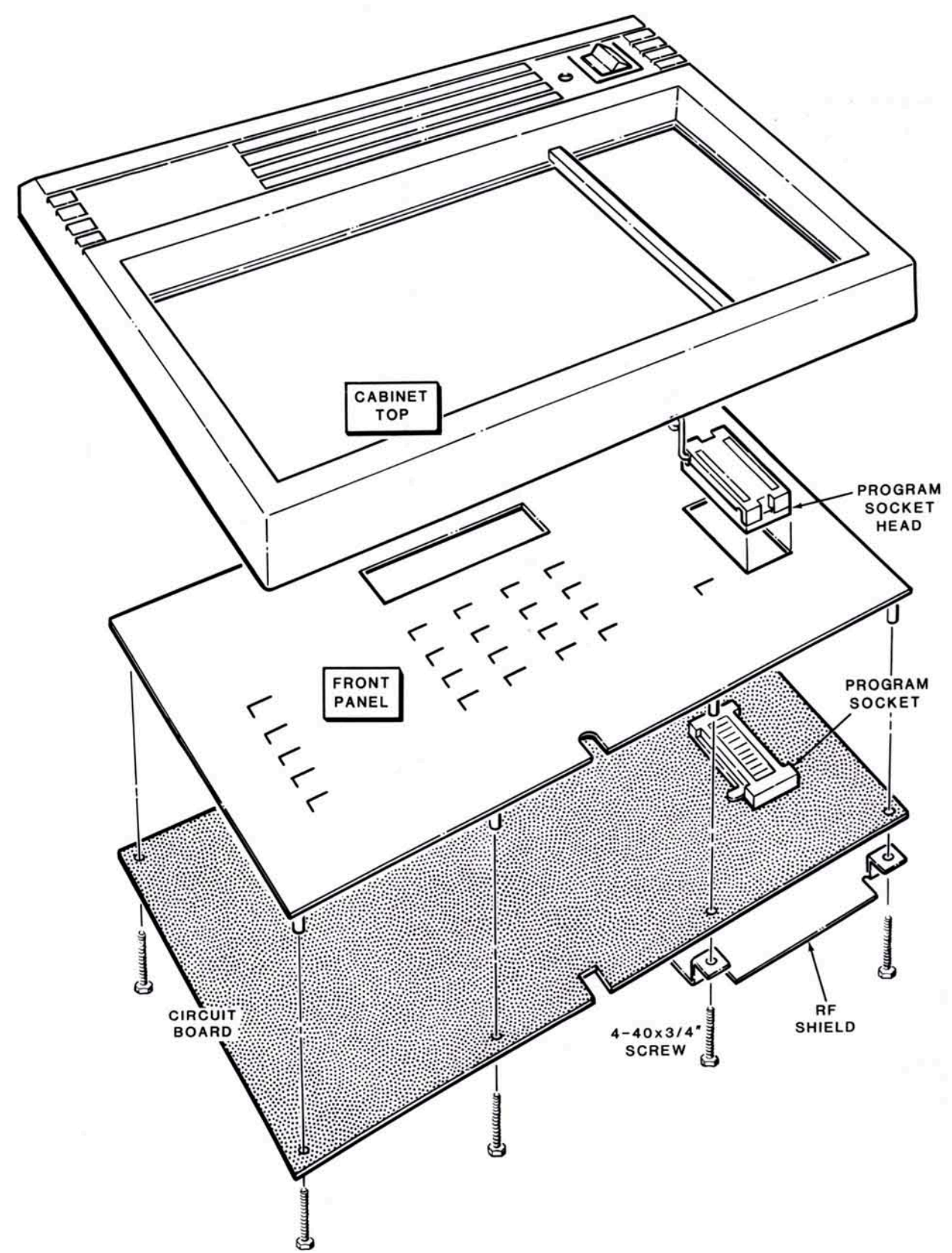
PICTORIAL 3-2



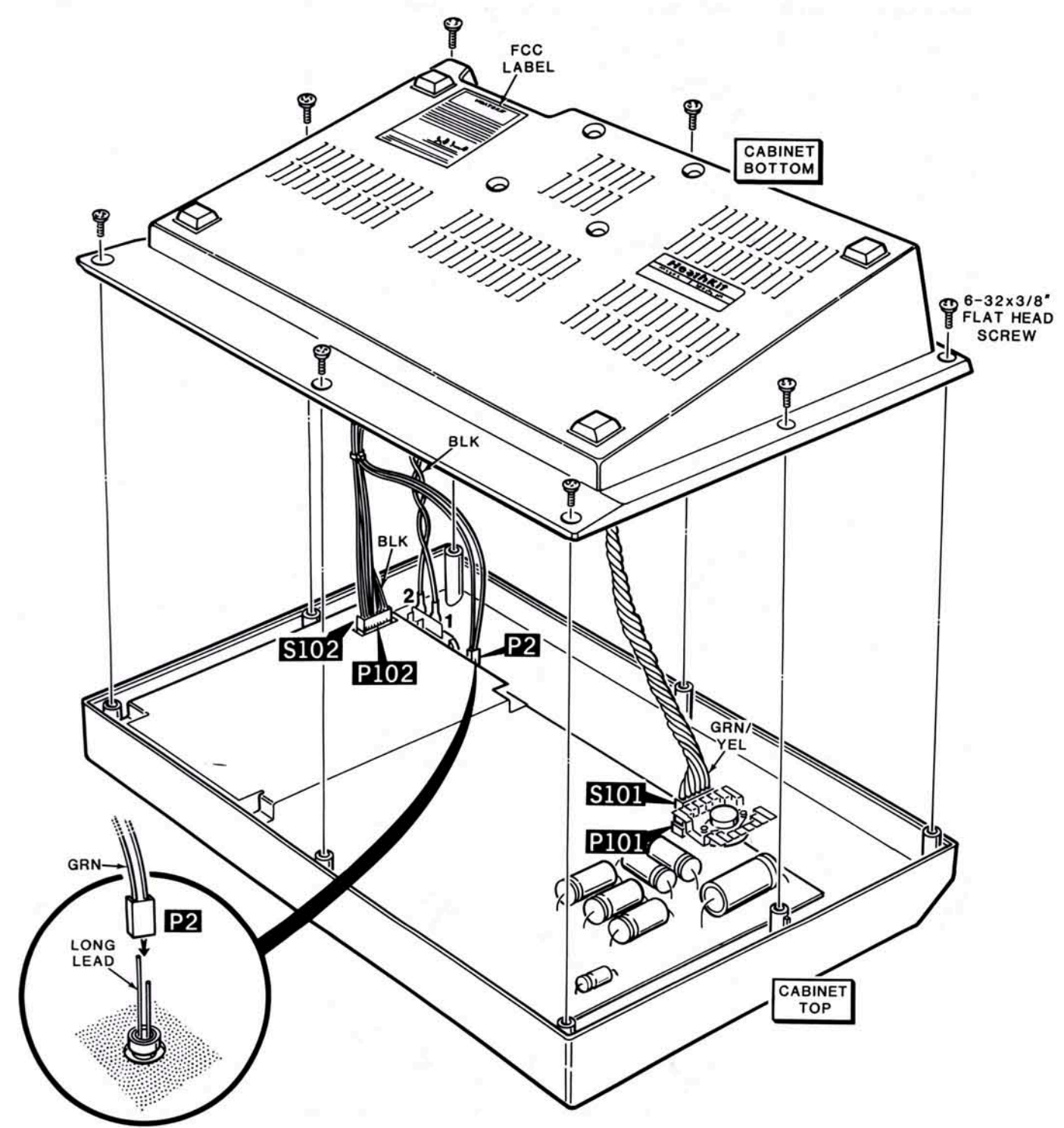
PICTORIAL 3-3



PICTORIAL 4-1



PICTORIAL 4-2



PICTORIAL 4-3

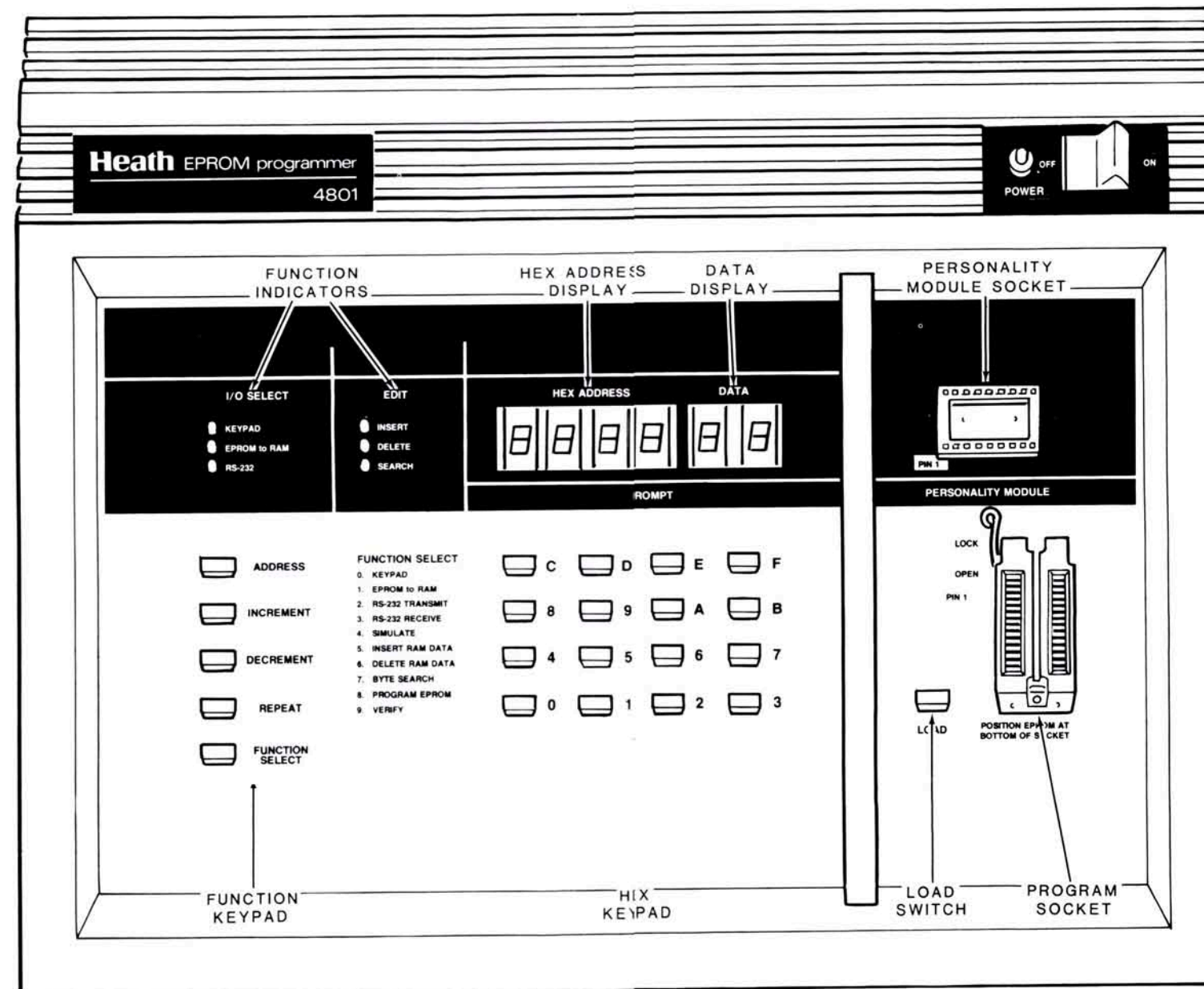


Figure 1

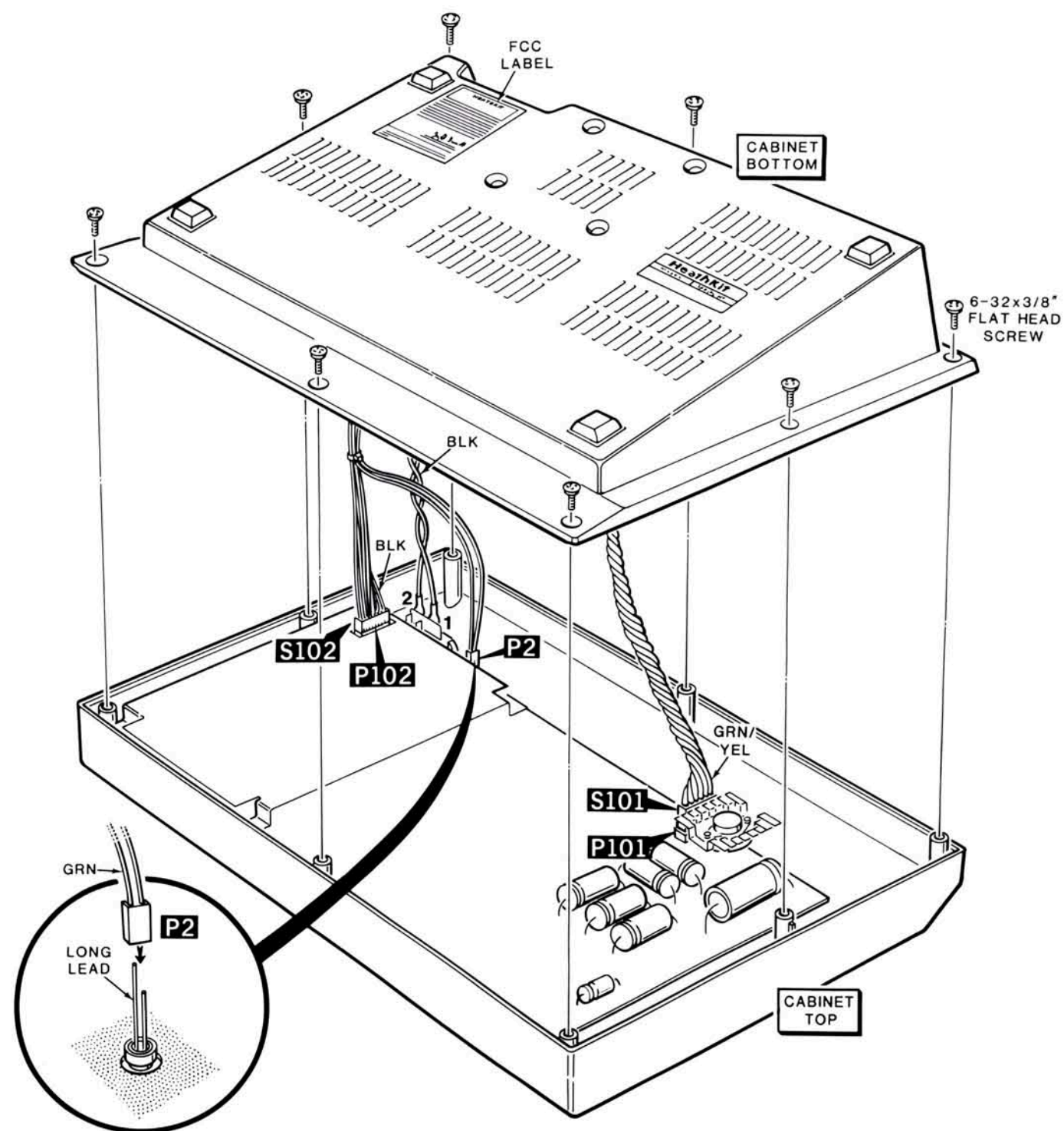


Figure 2

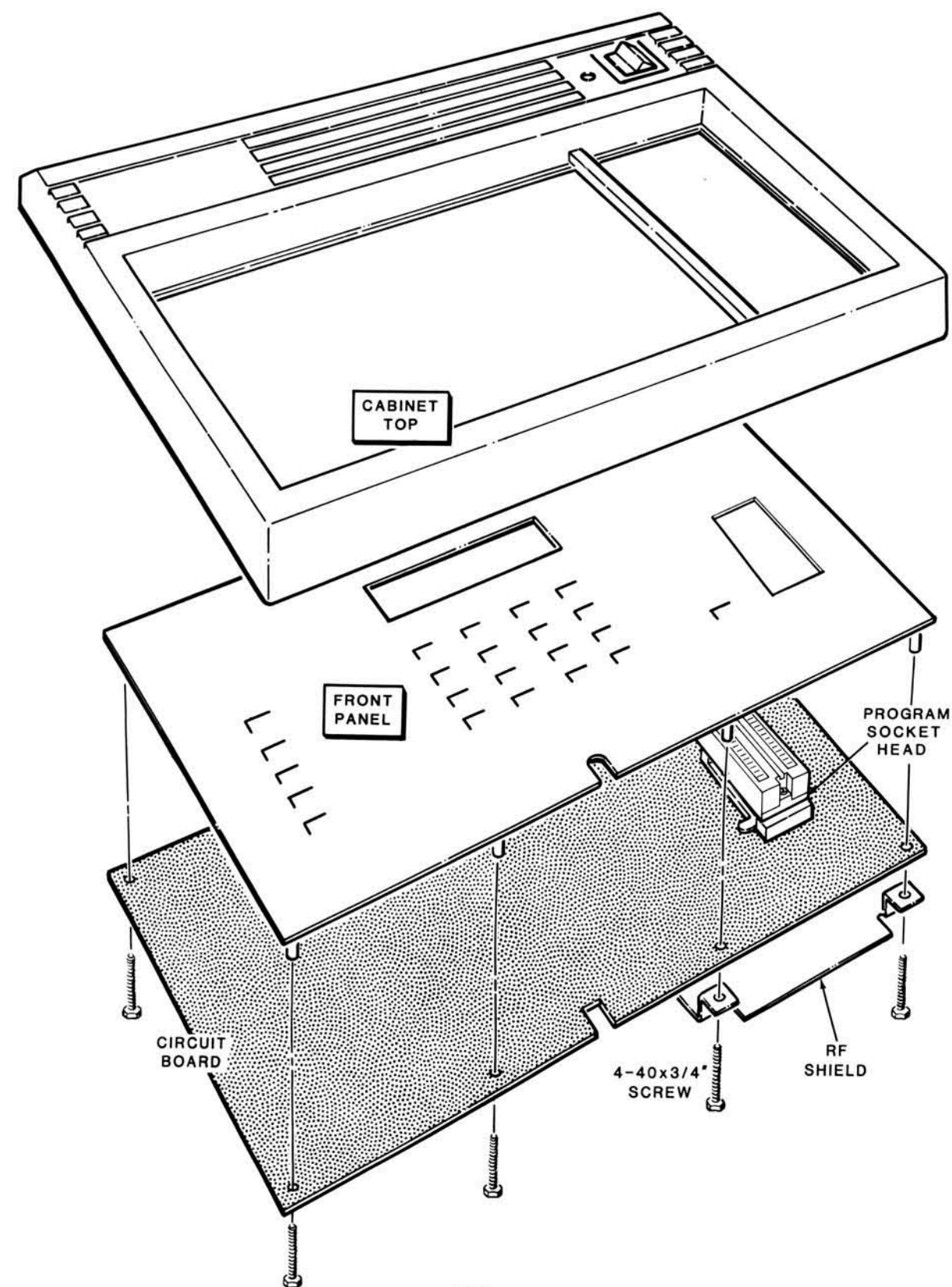


Figure 3

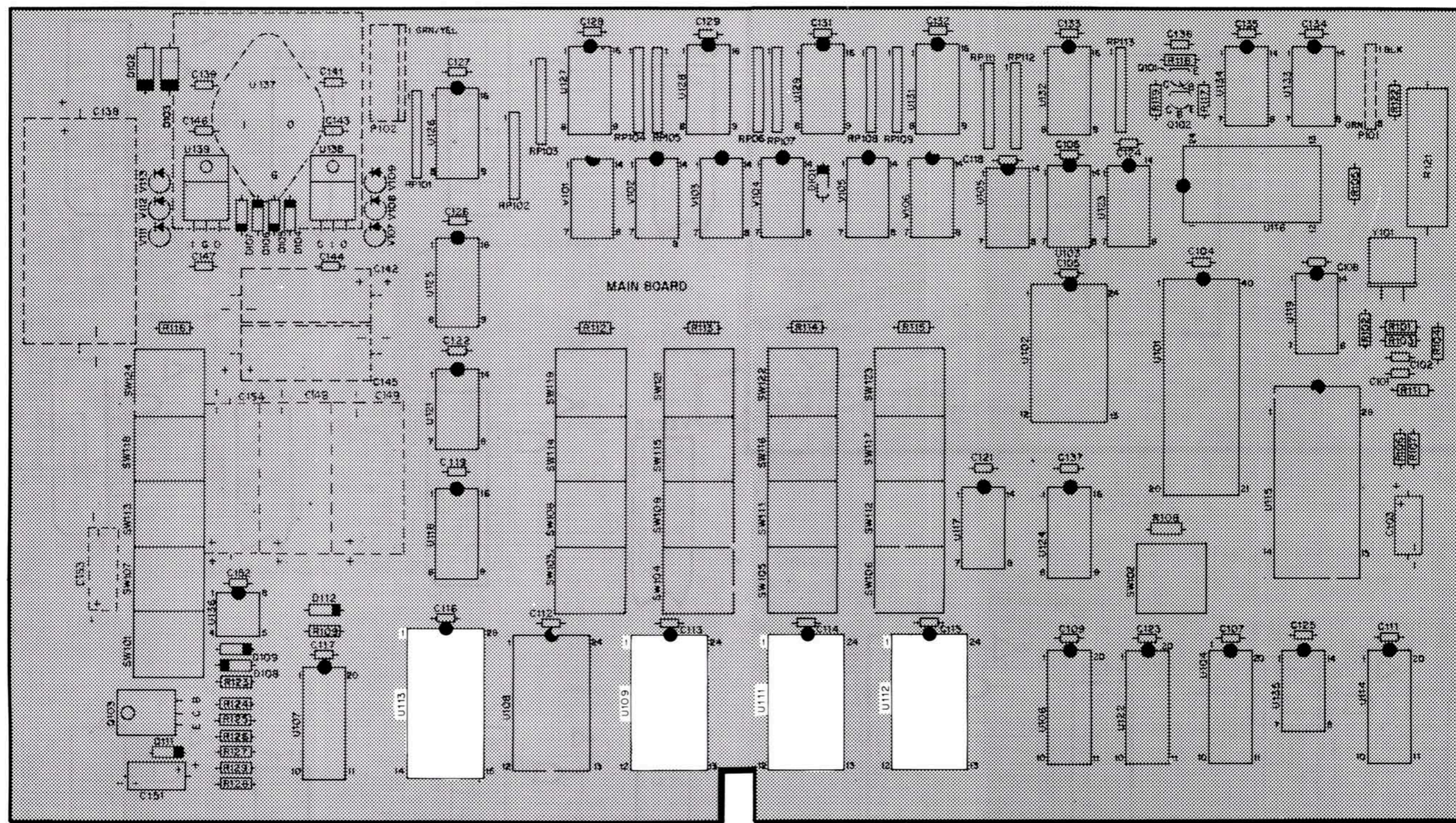
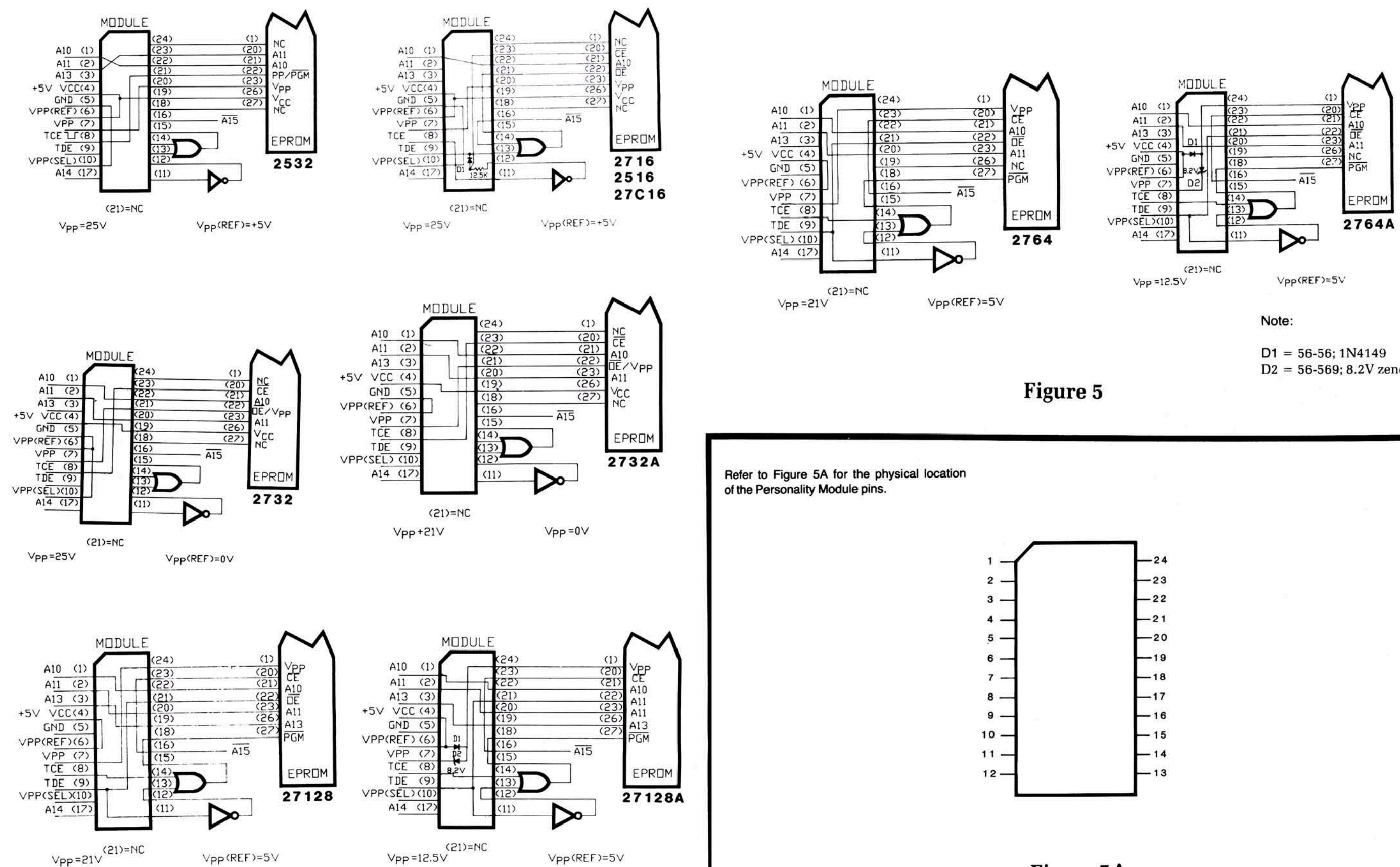
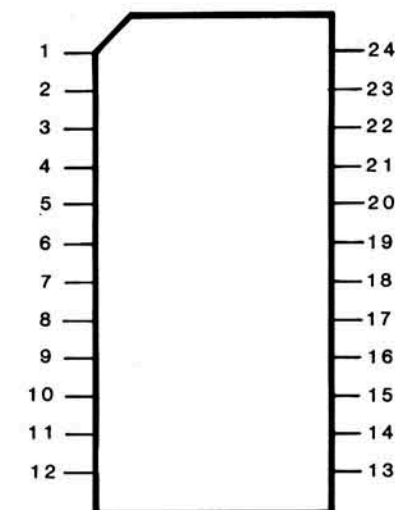


Figure 4



Refer to Figure 5A for the physical location of the Personality Module pins.



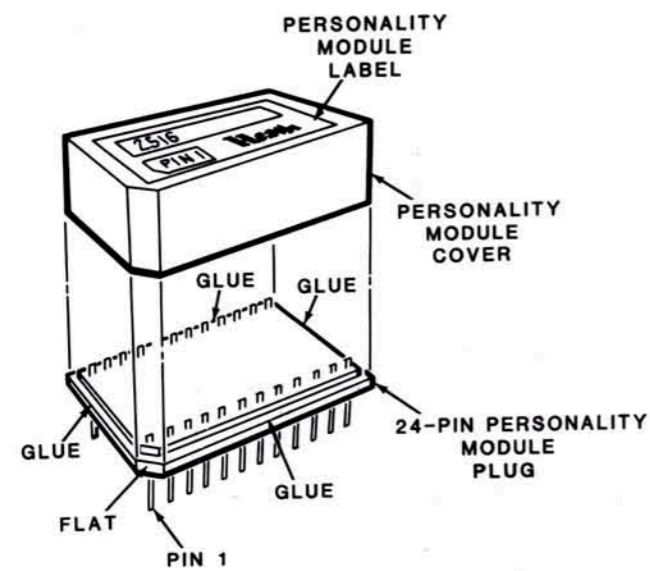


Figure 6

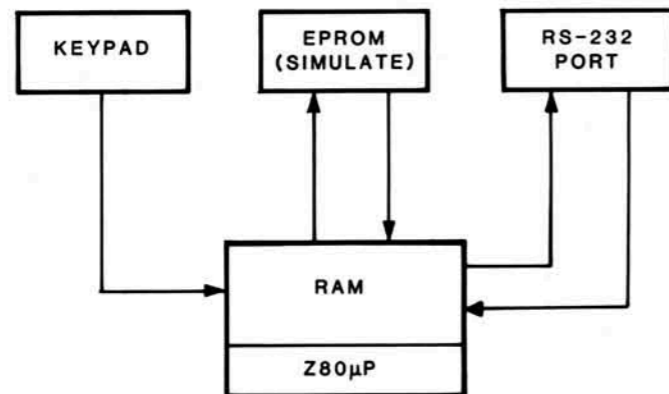


Figure 7

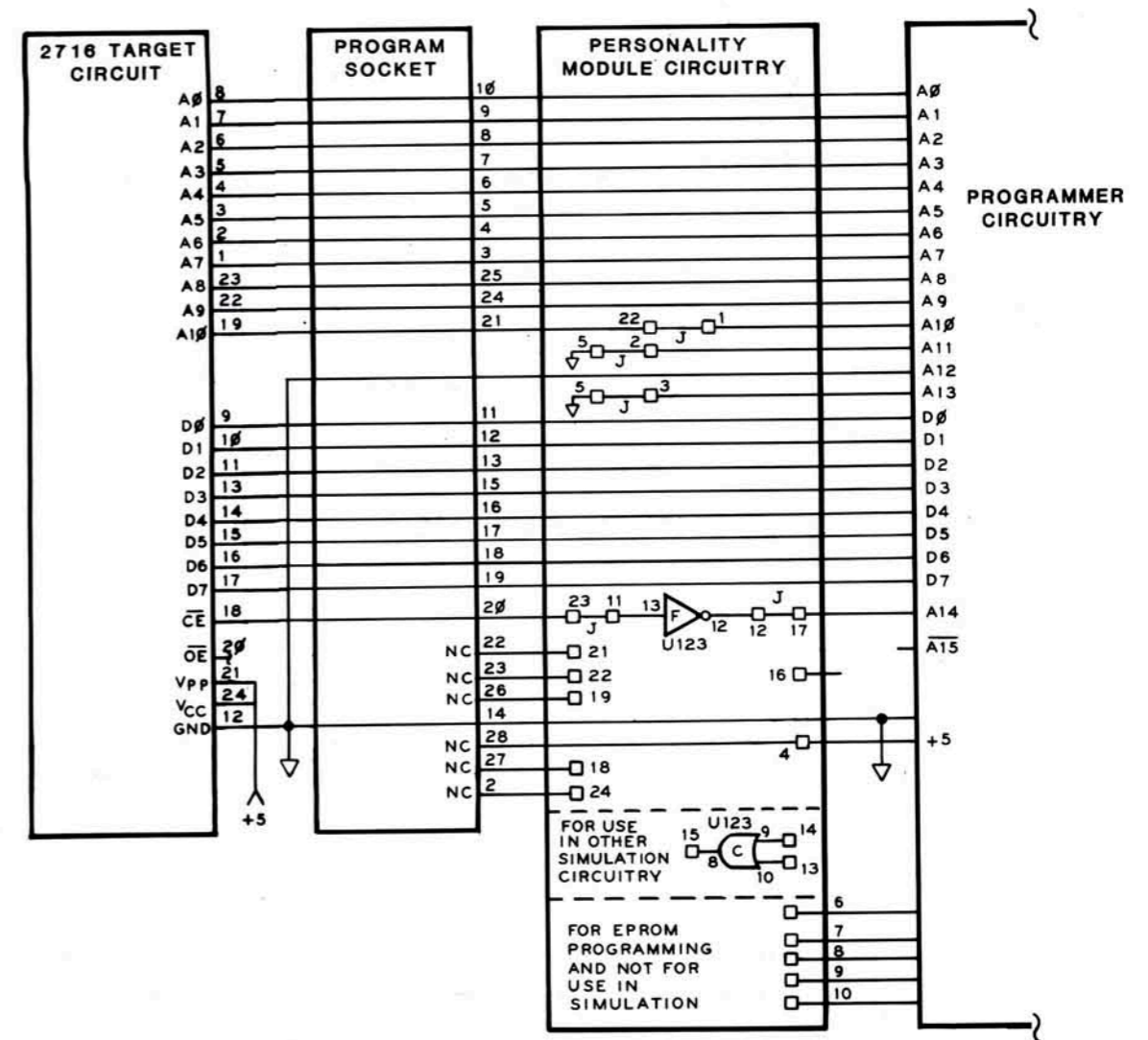


Figure 8

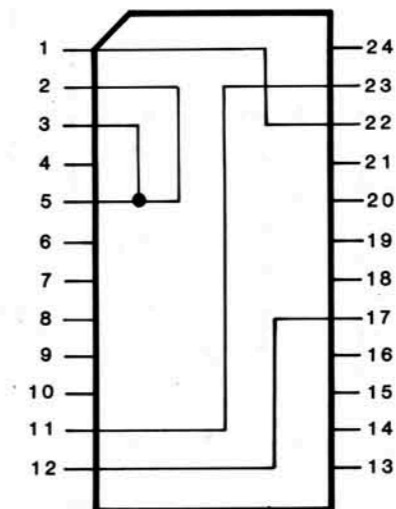


Figure 9

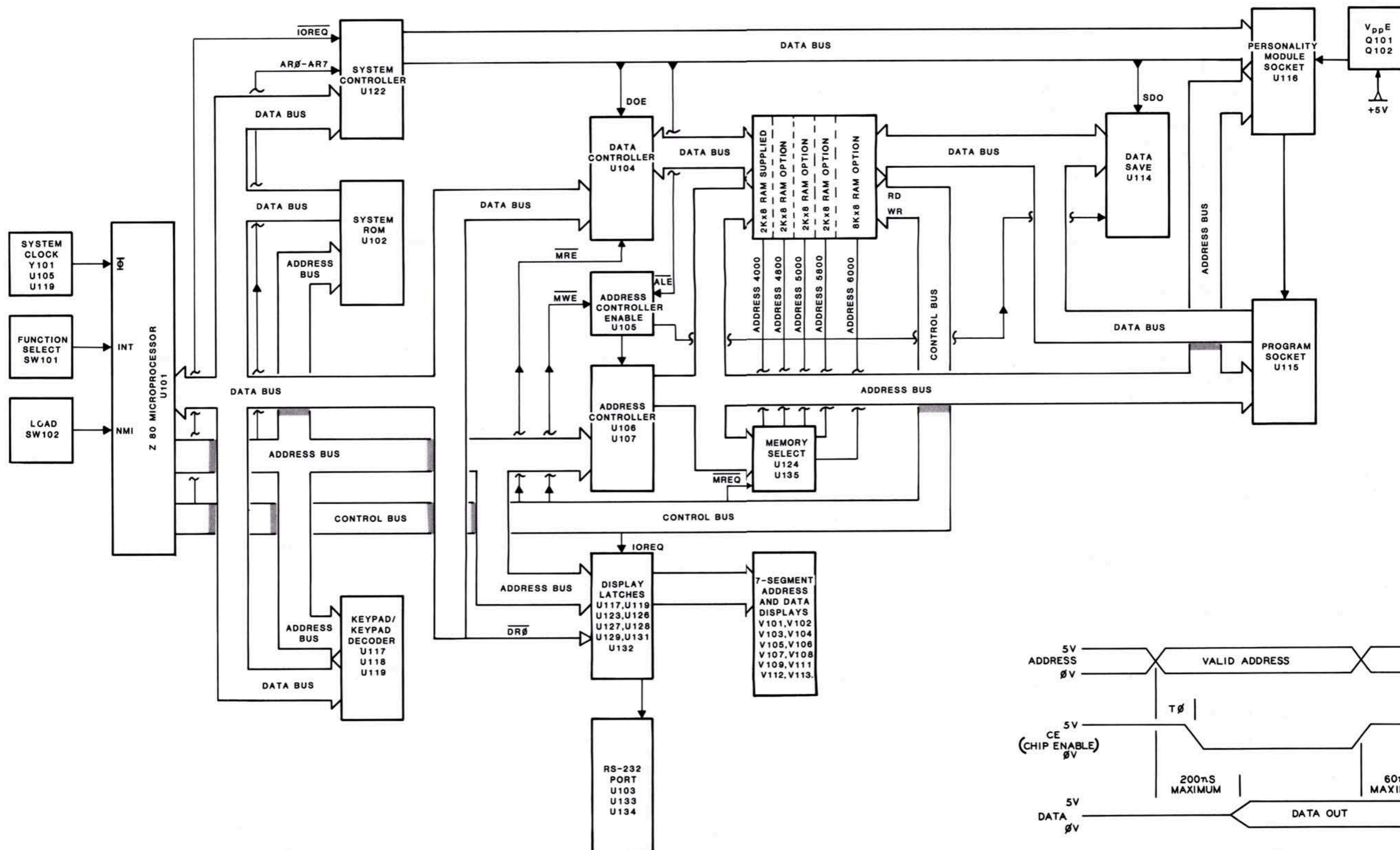
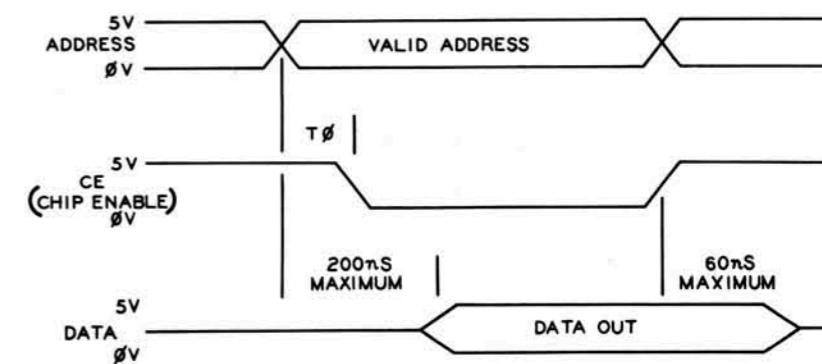


Figure 10
Block Diagram



NOTE: CHIP ENABLE T_0 MUST OCCUR COINCIDENT WITH OR PRIOR TO \overline{CE} .

Figure 11

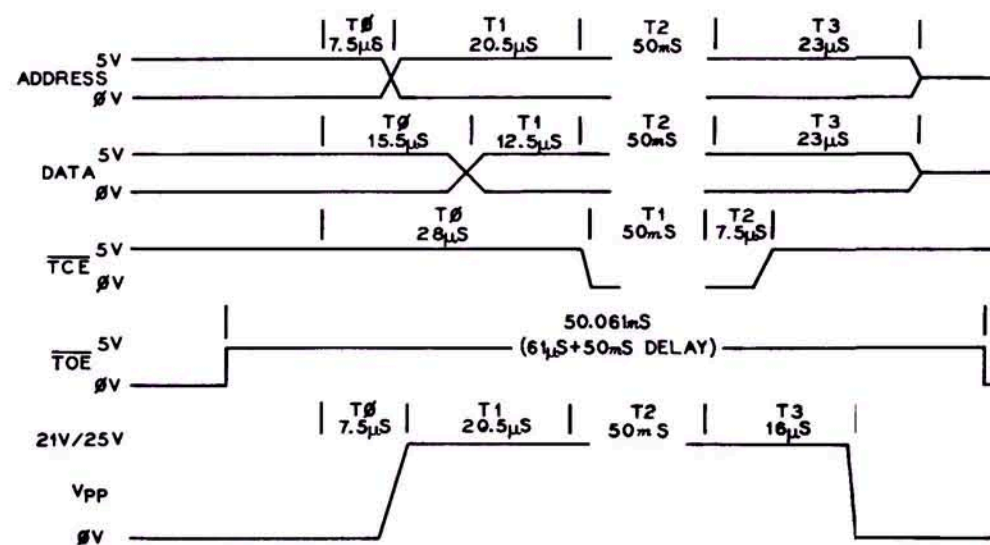
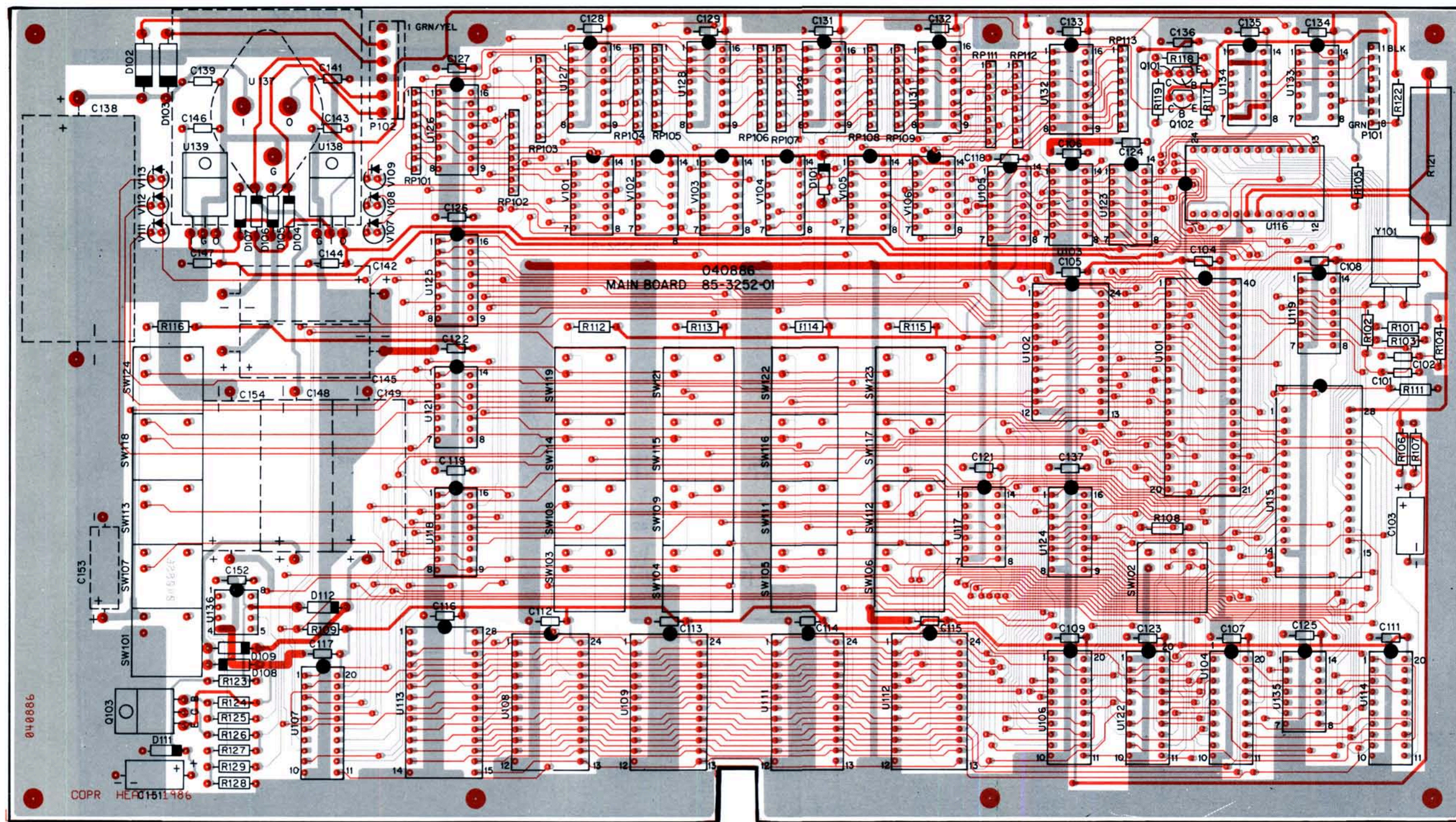


Figure 12

SIGNAL	LOCATION
ADDRESS	PROGRAM SOCKET PINS 2,3,4,5,6, 7,8,9,10,24, AND 25 PERSONALITY MODULE SOCKET PINS 1,2, 3,16, AND 17
DATA	PROGRAM SOCKET PINS 11,12,13,15,16, 17,18, AND 19
TCE (TARGET CHIP ENABLE)	PROGRAM SOCKET PIN 8
TOE (TARGET OUTPUT ENABLE)	PROGRAM SOCKET PIN 8
Vpp	PROGRAM SOCKET PIN 7



CIRCUIT BOARD X-RAY VIEW

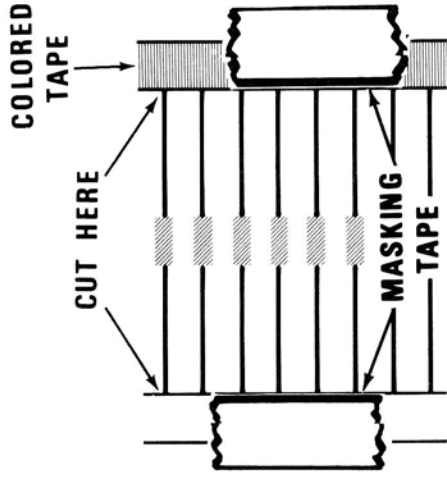
(Shown from the component side. The foil on the component side is shown in red.)

TAPED COMPONENT CHART

Read and Follow These Instructions
Before You Install the First Component

Use masking tape, as shown in the Taping Detail, to tape the components strips over the component drawings. 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

SECTION 1

10 kΩ (brn-blk-org)	
.01 μF (103)	
.01 μF (103)	
.01 μF (103)	
.01 μF (103)	
.01 μF (103)	
.01 μF (103)	
1N4002 (#57-65)	
1N4002 (#57-65)	
1N4002 (#57-65)	
1N4002 (#57-65)	
.01 μF (103)	
.01 μF (103)	
.01 μF (103)	
.01 μF (103)	
.01 μF (103)	
.01 μF (103)	
1N4744A (#56-620)	
.01 μF (103)	
10 kΩ (brn-blk-org)	
1N4002 (#57-65)	
1N4002 (#57-65)	
.01 μF (103)	
8200 Ω (gry-red-red)	
390 Ω (org-wht-brn)	
15 kΩ (brn-grn-org)	
100 Ω (brn-blk-brn)	
1N5998B (#56-659)	
21.5 kΩ (red-brn-grn-red)	
44.2 kΩ (yel-yel-red-red)	
13.7 kΩ (brn-org-viol-red)	

SECTION 2

.01 μF (103)	
.01 μF (103)	
.01 μF (103)	
.01 μF (103)	
1N4002 (#57-65)	
.01 μF (103)	
10 kΩ (brn-blk-org)	
10 kΩ (brn-blk-org)	
10 kΩ (brn-blk-org)	
10 kΩ (brn-blk-org)	
.01 μF (103)	
.01 μF (103)	
.01 μF (103)	
.01 μF (103)	

SECTION 3

.01 μF (103)	
.01 μF (103)	
.01 μF (103)	
.01 μF (103)	
330 kΩ (org-org-yel)	
100 Ω (brn-blk-brn)	
330 kΩ (org-org-yel)	
470 Ω (yel-viol-brn)	
.01 μF (103)	
.01 μF (103)	
330 Ω (org-org-brn)	
.01 μF (103)	
.01 μF (103)	
.01 μF (103)	
180 Ω (brn-gry-brn)	
8200Ω (gry-red-red)	
6800Ω (blu-gry-red)	
680 Ω (blu-gry-brn)	
.01 μF (103)	
.01 μF (103)	
1000 Ω (brn-blk-red)	
.01 μF (103)	
10 kΩ (brn-blk-org)	
10 kΩ (brn-blk-org)	
10 kΩ (brn-blk-org)	
.01 μF (103)	
.01 μF (103)	
.01 μF (103)	
.01 μF (103)	

EXTRA — REMOVE AND SET ASIDE

1N4149 (#56-56)	
1N4149 (#56-56)	
1N4149 (#56-56)	
1N5998B (#56-659)	
1N5998B (#56-659)	
15 kΩ (brn-grn-org)	

