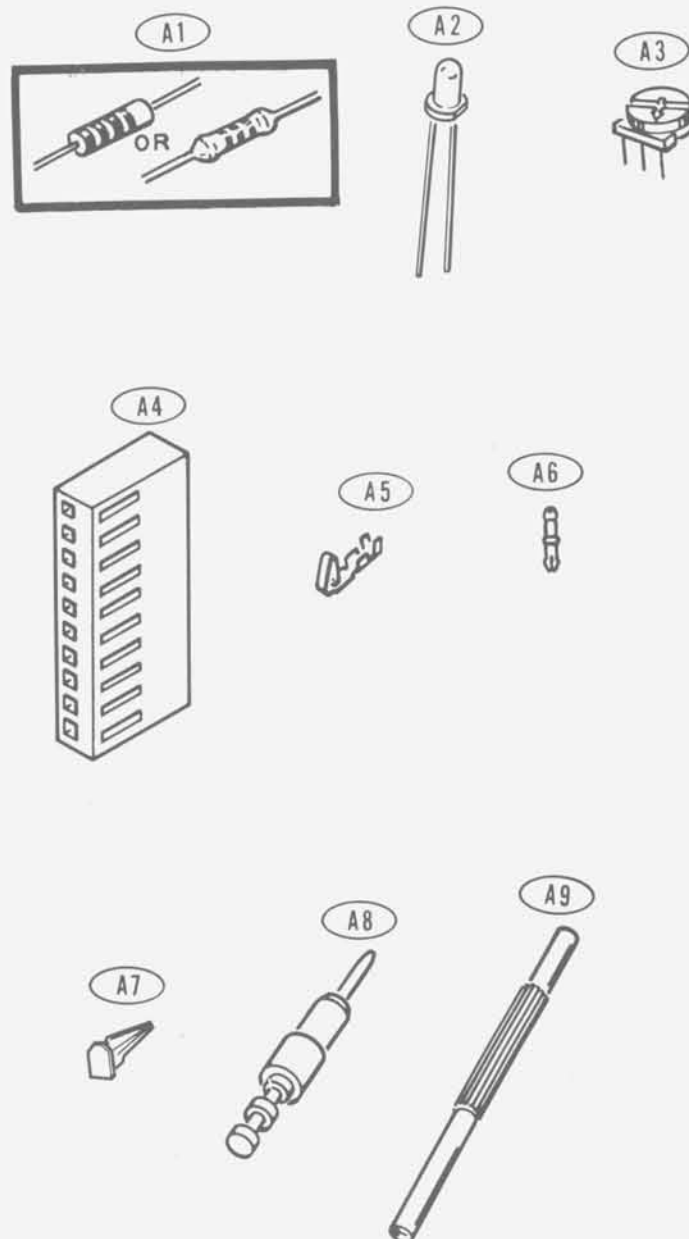


ILLUSTRATION BOOKLET

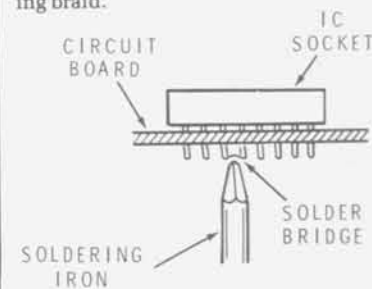
Part of 595-3239

CONTROL CIRCUIT BOARD PARTS PICTORIAL

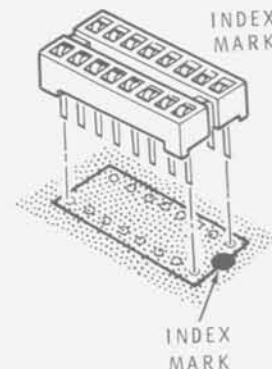


IC SOCKET INSTALLATION

As you install IC sockets, be very careful that you do not bridge solder between socket pins. (Solder bridged between two pins that are on the same foil is all right.) If a solder bridge should occur, hold the circuit board foil-side-down as shown. Then hold your soldering iron tip between the two points where solder is bridged. The solder will flow down the iron. Also, you can use desoldering braid.



To install IC sockets, be sure the socket pins are straight and insert the socket pins into the holes. The index mark on the circuit board must still be visible after it is installed. Solder the pins to the foil as you install each socket. Sockets may have fewer or a greater number of pins than shown here.



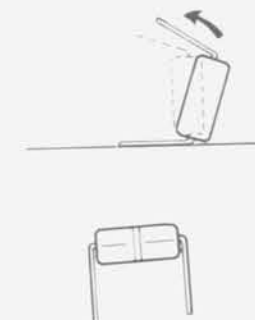
IC INSTALLATION

CAUTION: Integrated Circuits (IC's) are complex electronic devices that perform many complicated functions in the circuit. However, these devices can be damaged during installation. Read all of the following information before you install any IC's.

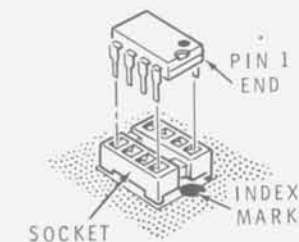
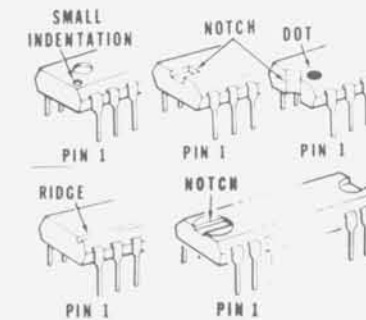
The pins on the IC's are bent out at an angle so they do not line up with the holes in the IC socket. **DO NOT** try to install the IC without first bending the pins. To do so may damage the IC pins or the socket, causing intermittent contact.



Before you install an IC, lay it down on its side as shown and very carefully roll it toward the pins to bend the lower pins into line. Then turn the IC over and bend the pins to the other side in the same manner.



Make sure that the pin 1 end of the IC is positioned over the index mark on the circuit board. Also make sure that all of the pins are started into the socket. Then press the IC firmly into the socket. **NOTE:** An IC pin can become bent under the IC and it will appear as though it is correctly installed in the socket.



An IC lifter is supplied for removing IC's from their sockets.

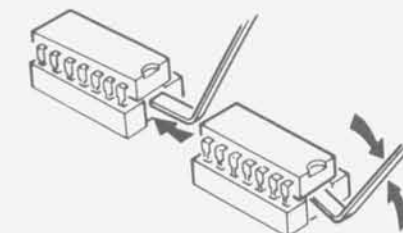
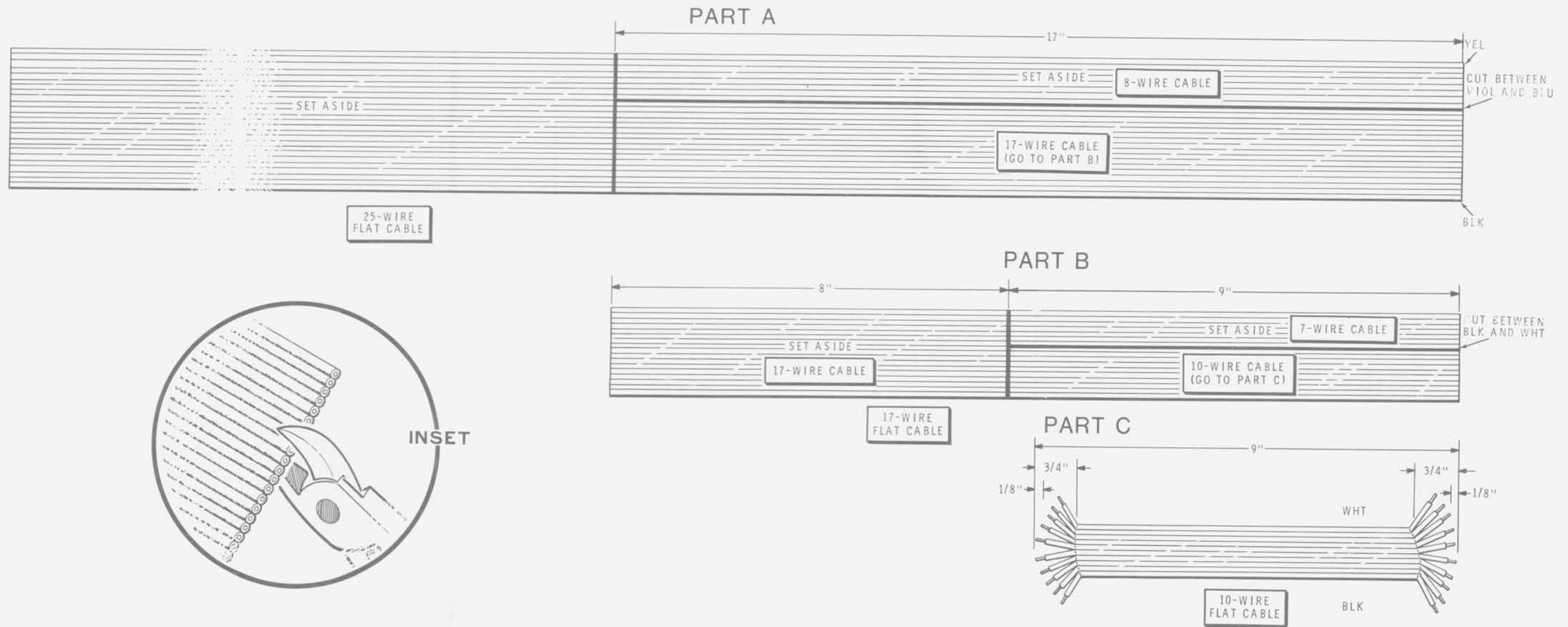
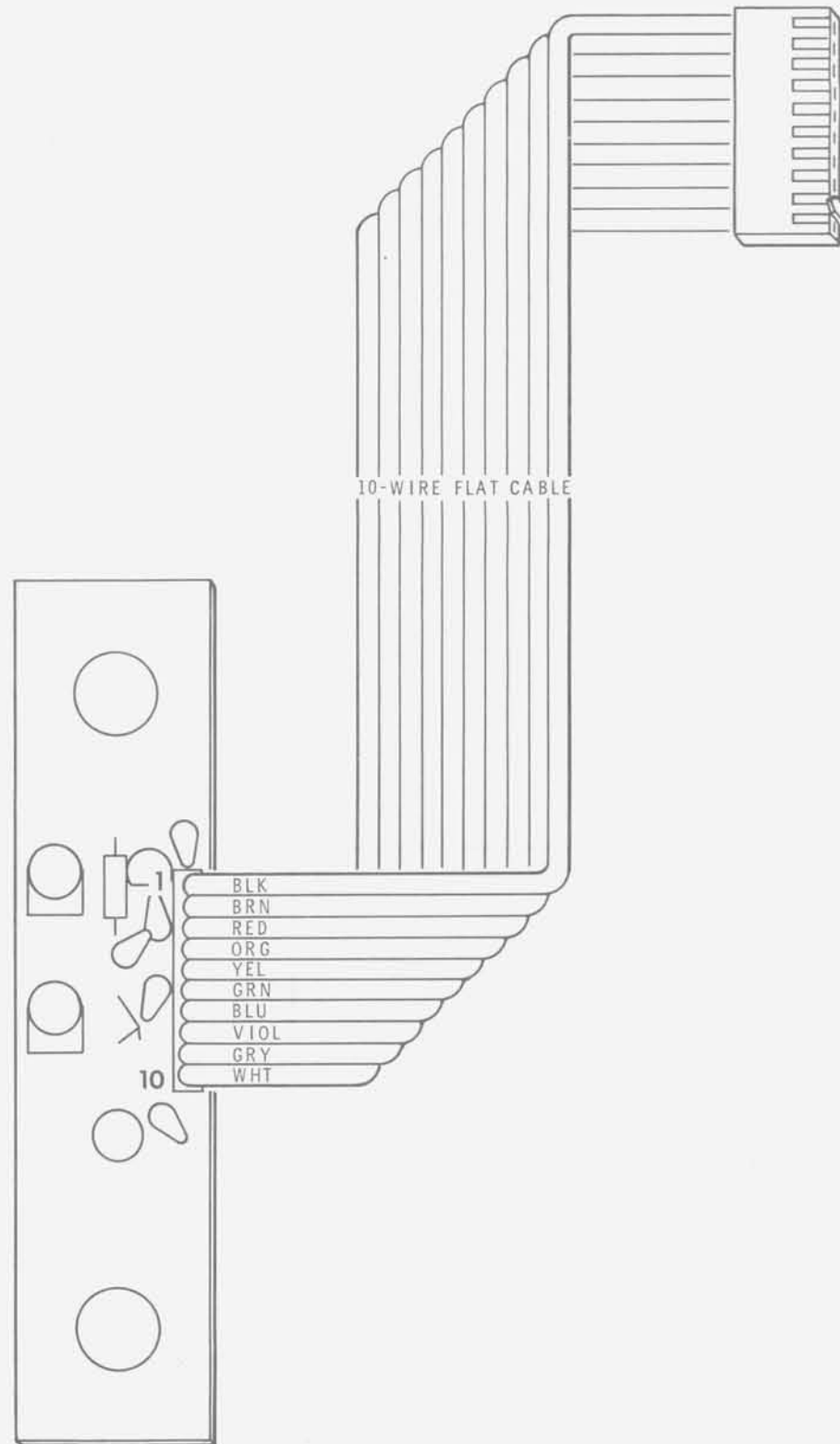


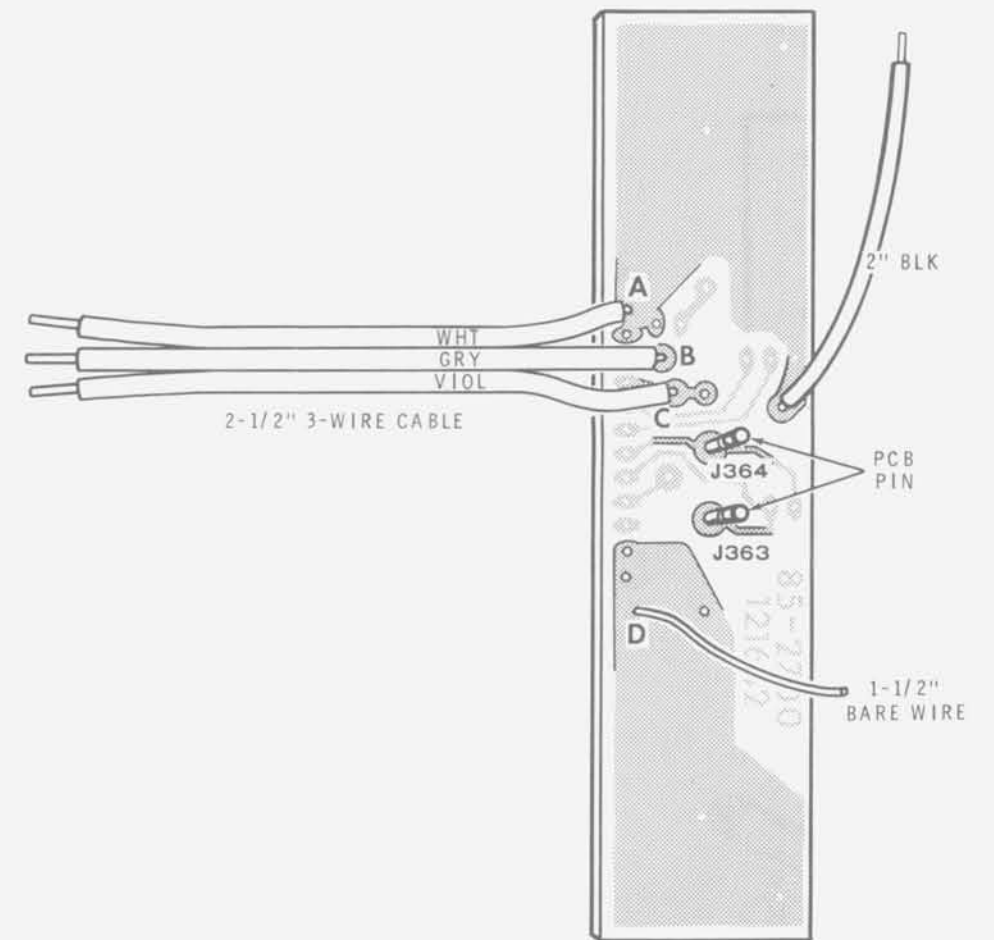
Figure 1



PICTORIAL 1-3

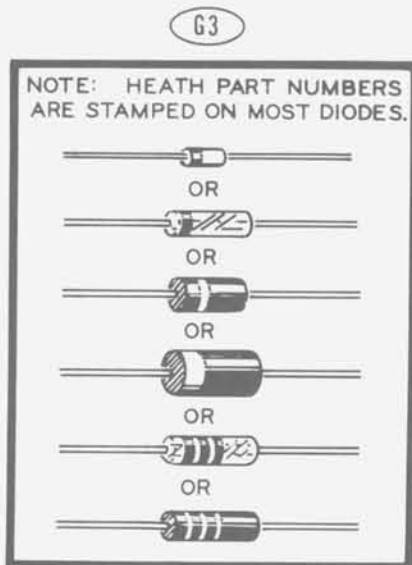
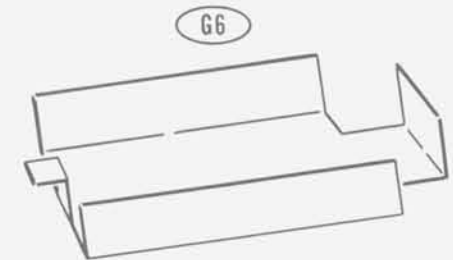
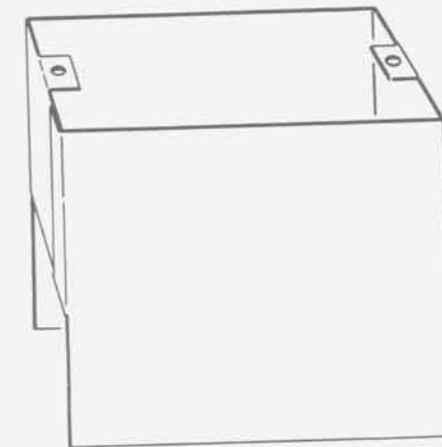
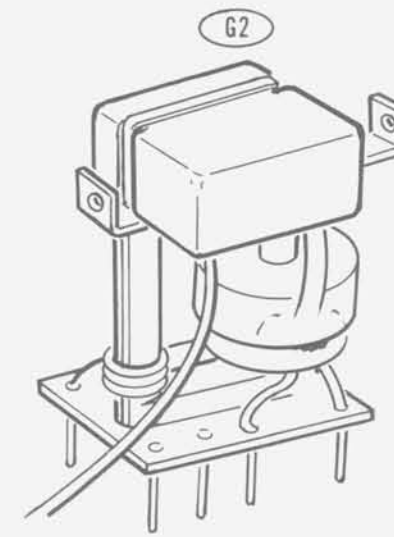
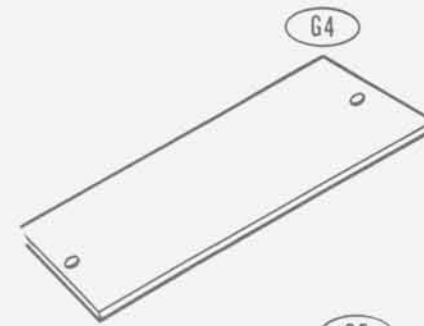
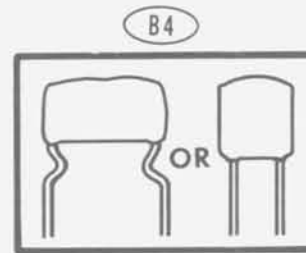
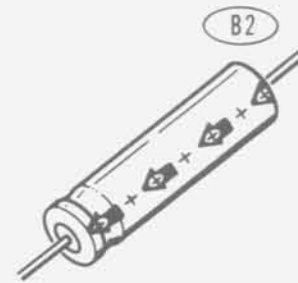
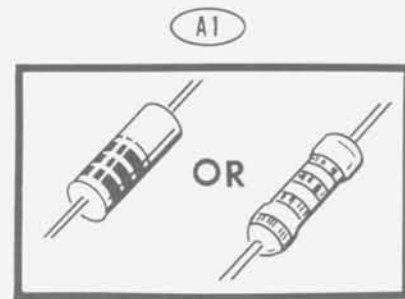


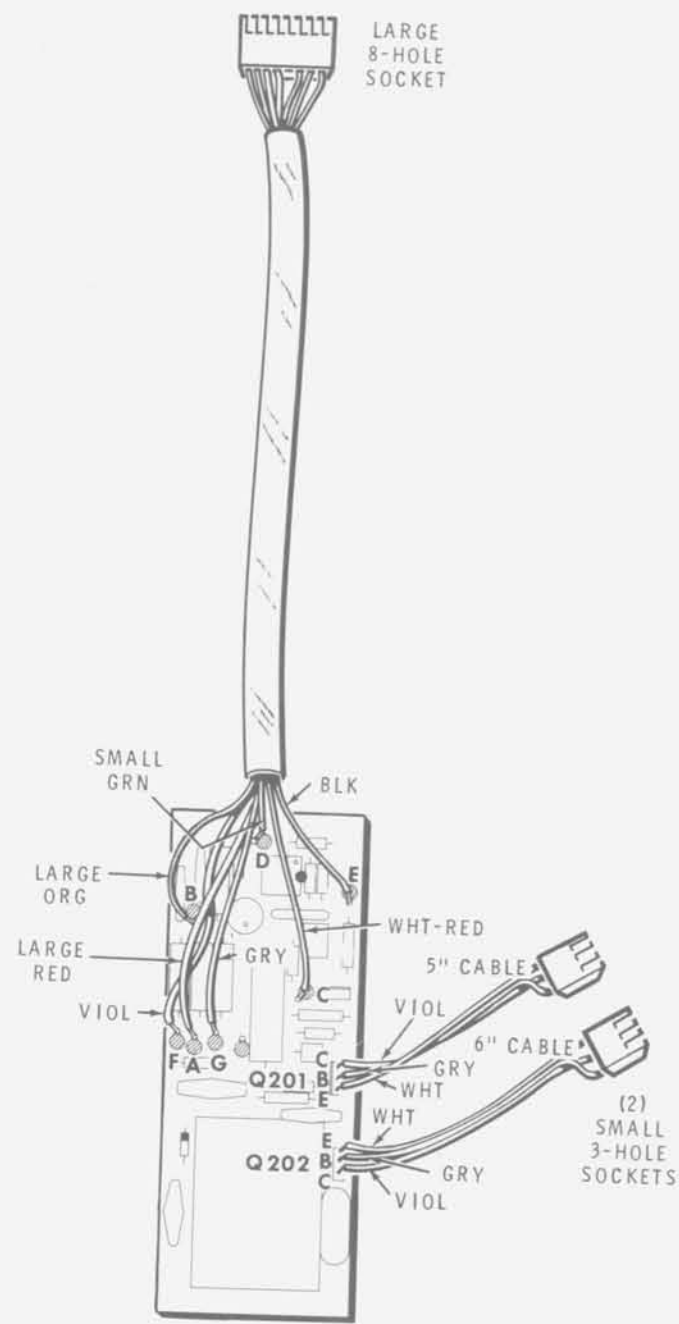
PICTORIAL 1-4



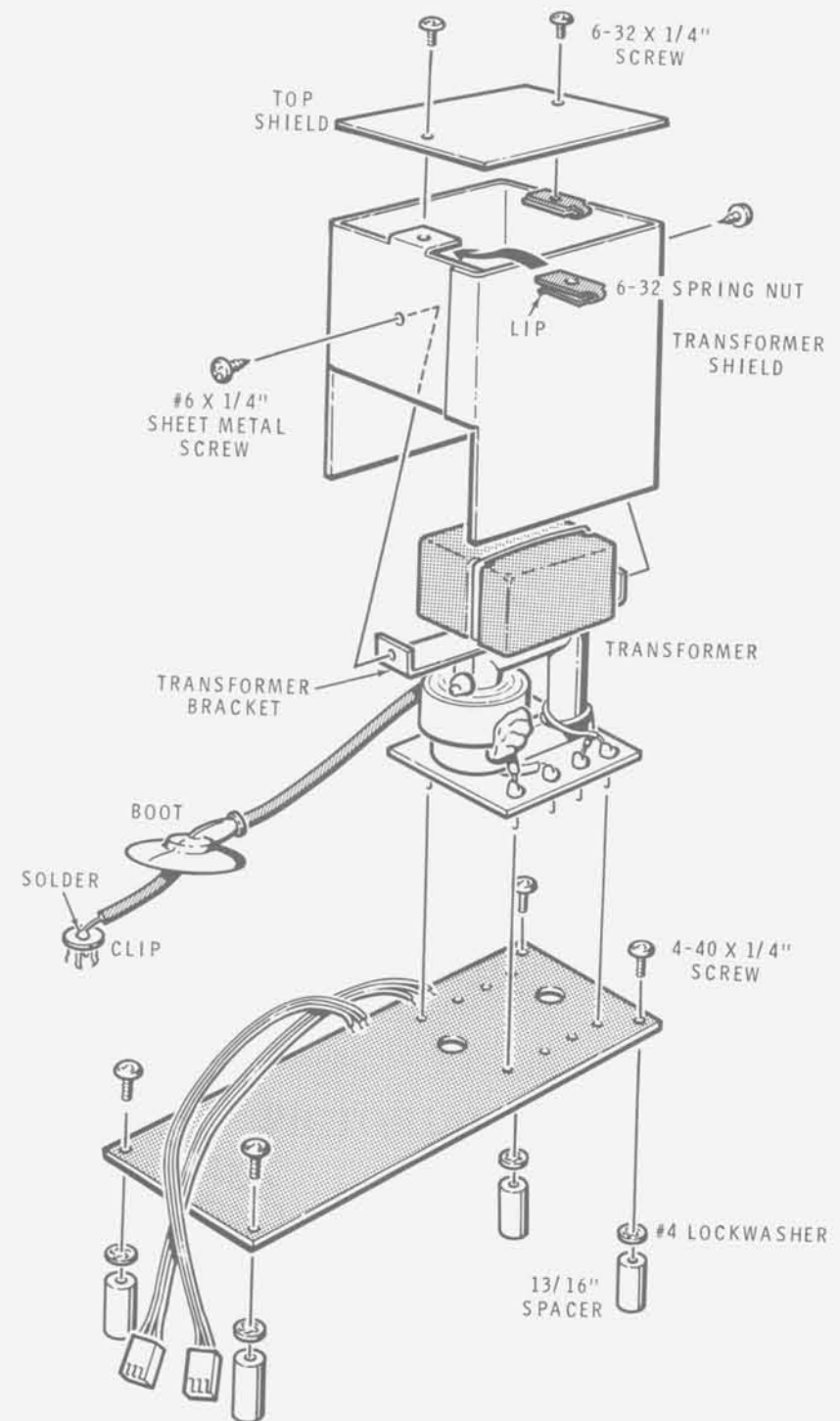
PICTORIAL 1-5

HIGH VOLTAGE CIRCUIT BOARD PARTS PICTORIAL



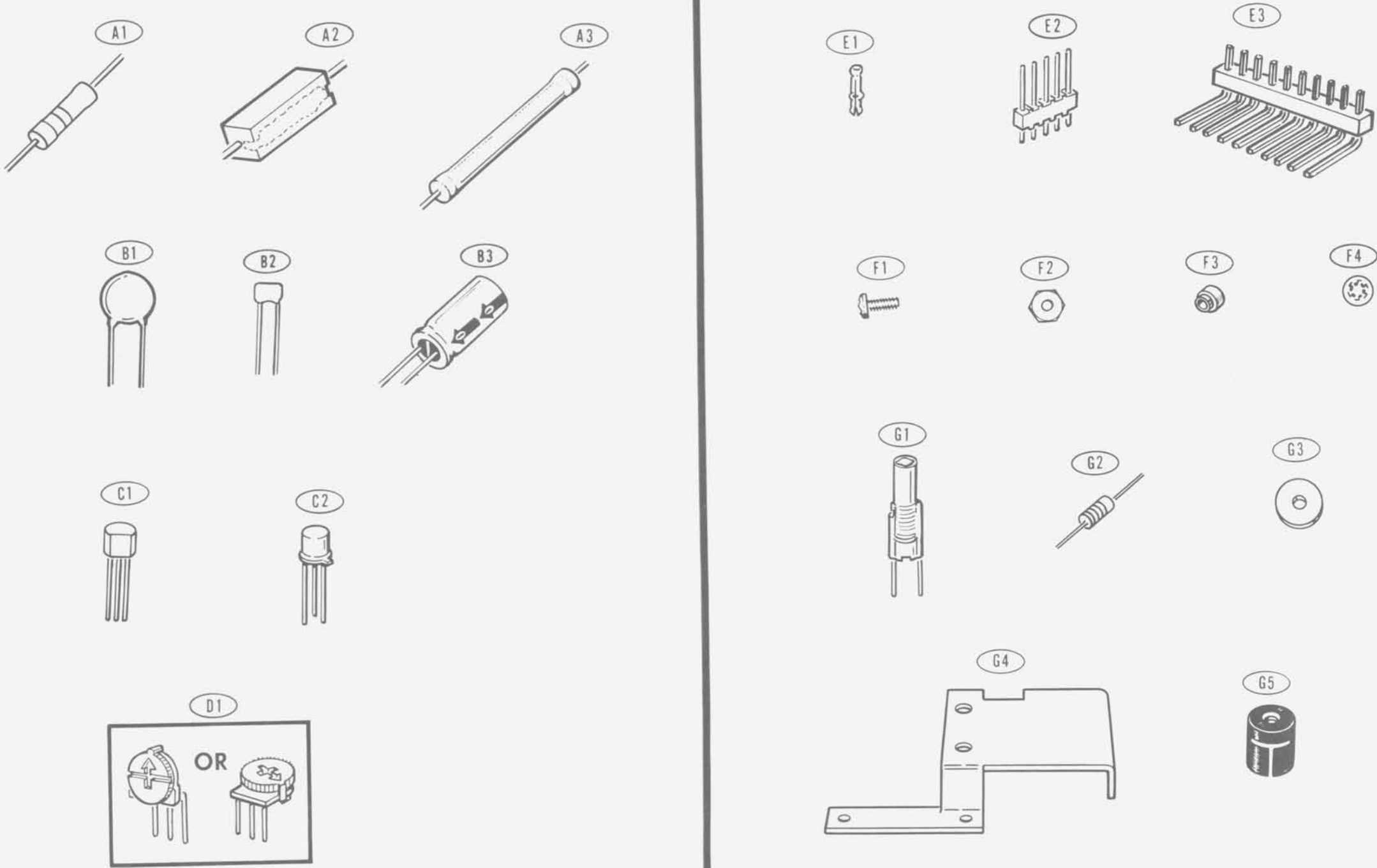


PICTORIAL 2-3

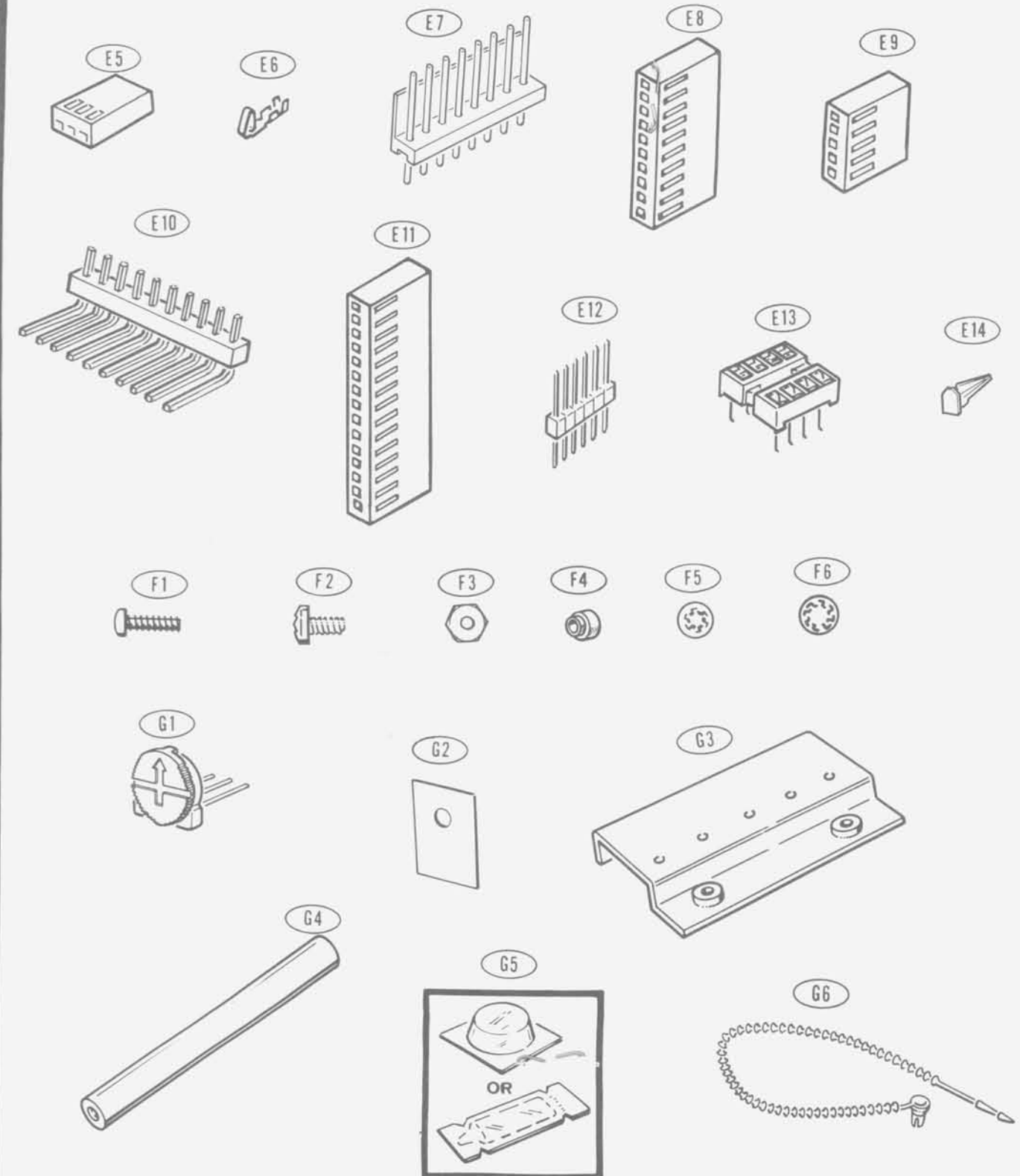
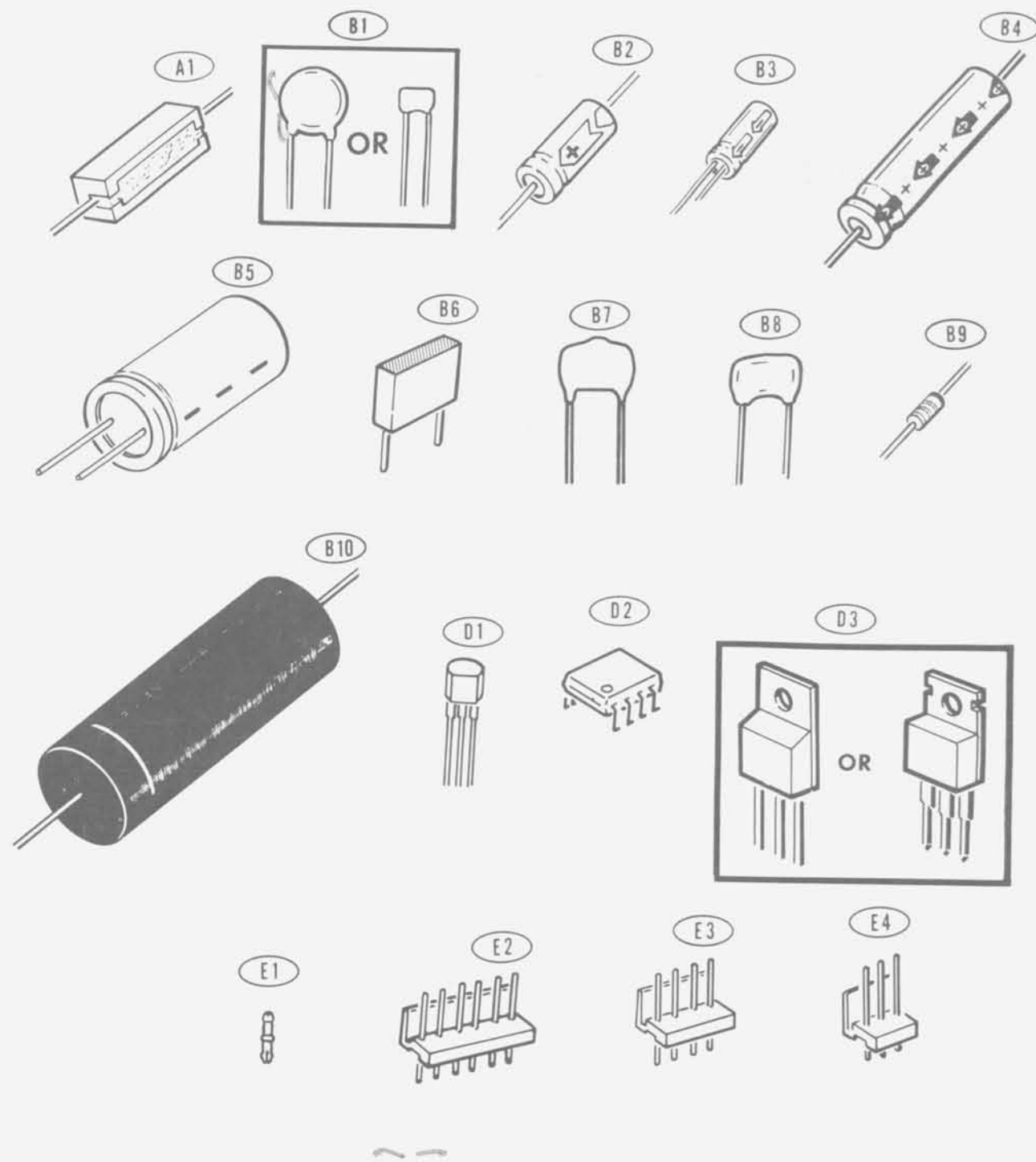


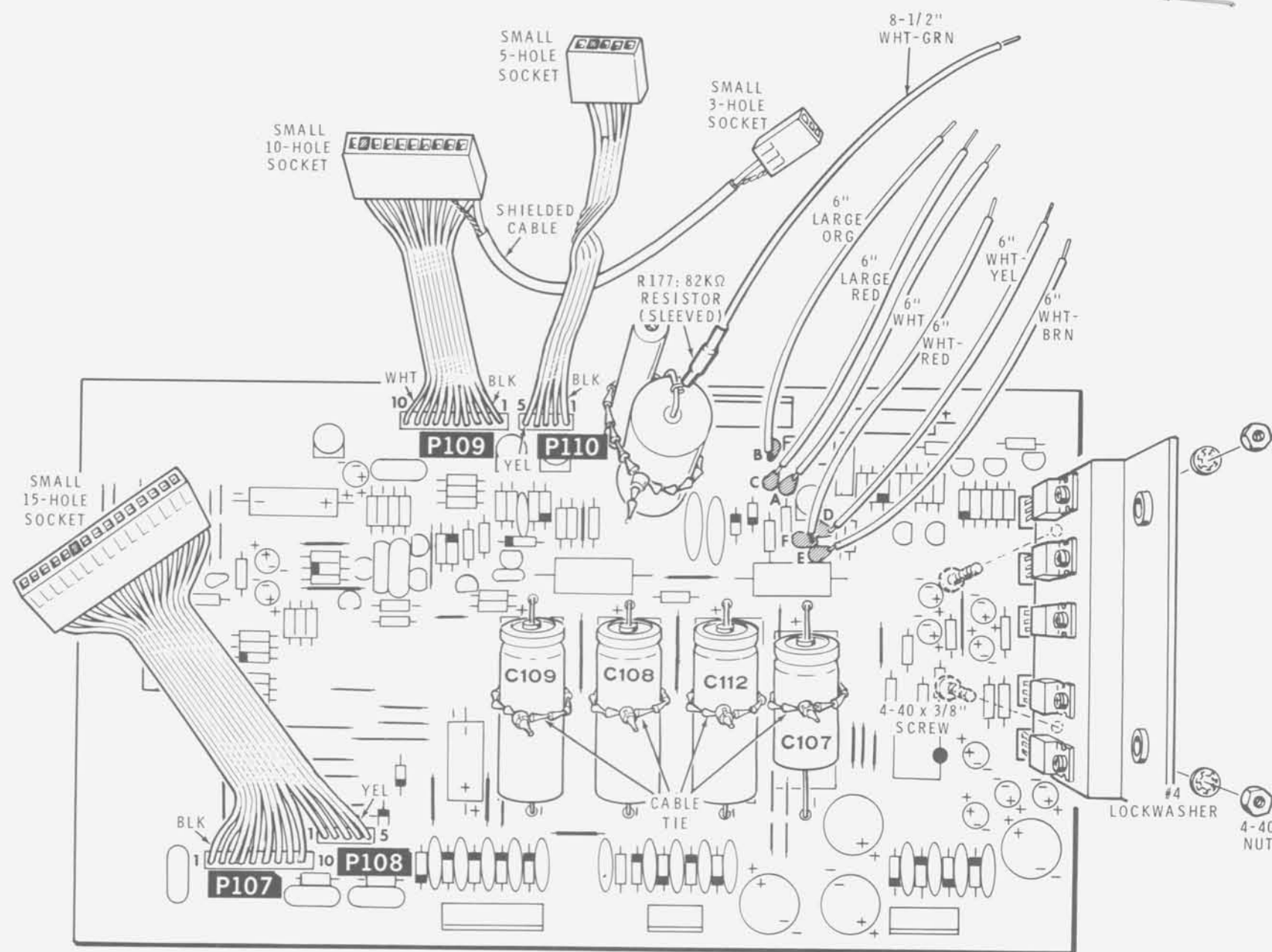
PICTORIAL 2-4

VERTICAL DEFLECTION CIRCUIT BOARD
PARTS PICTORIAL



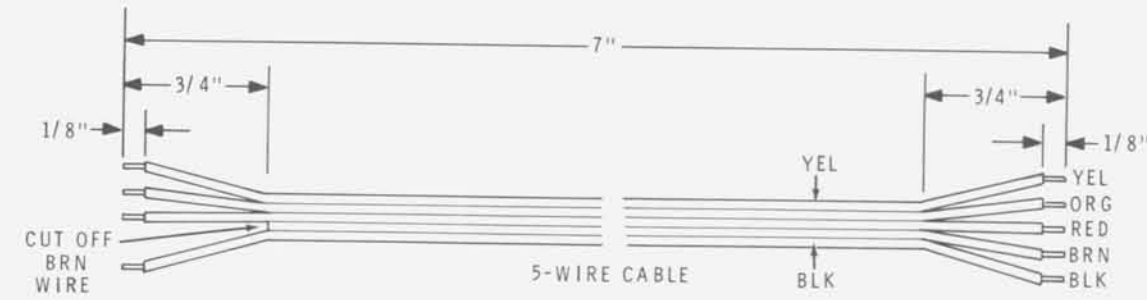
LOW-VOLTAGE CIRCUIT BOARD PARTS PICTORIAL



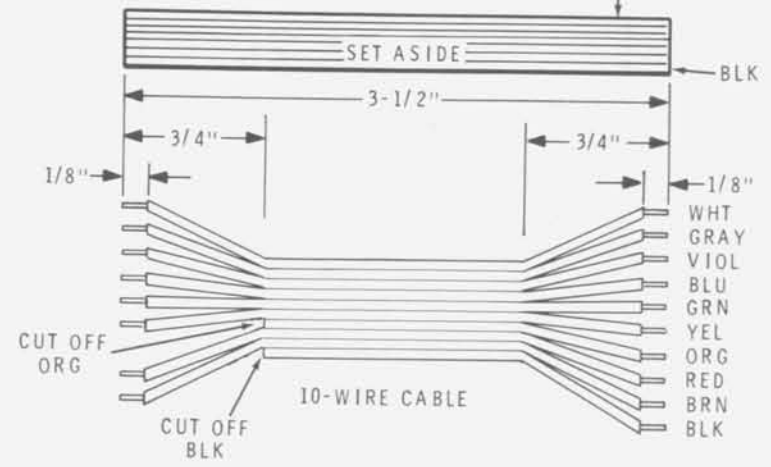


PICTORIAL 4-10

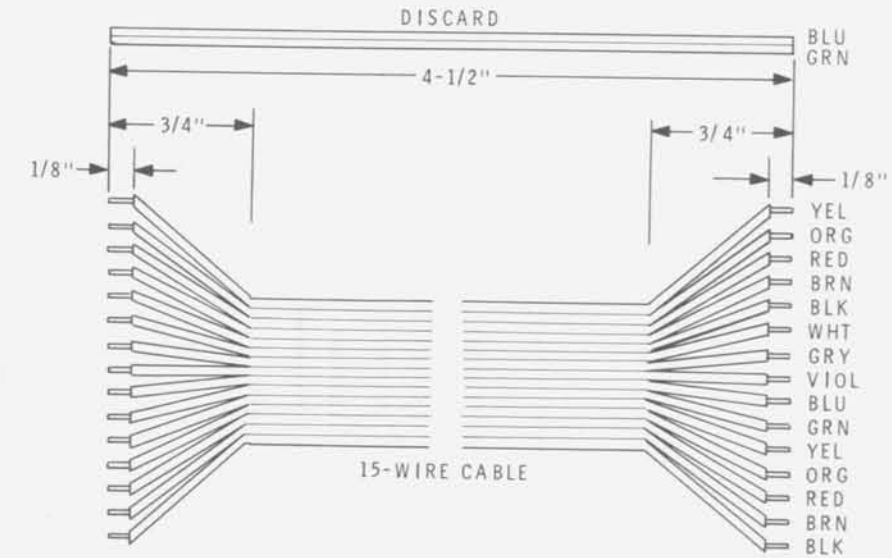
PART A



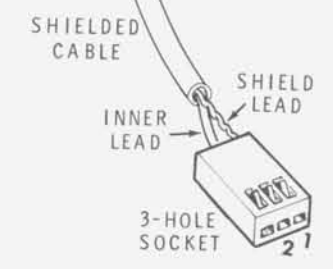
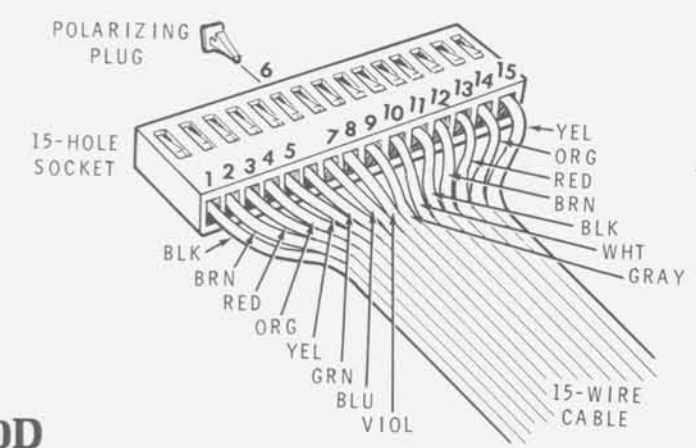
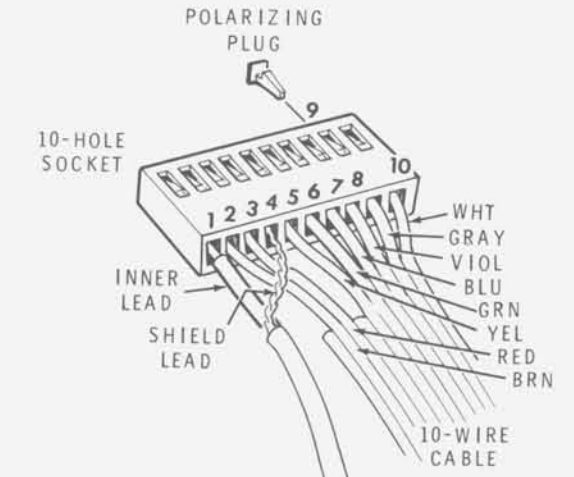
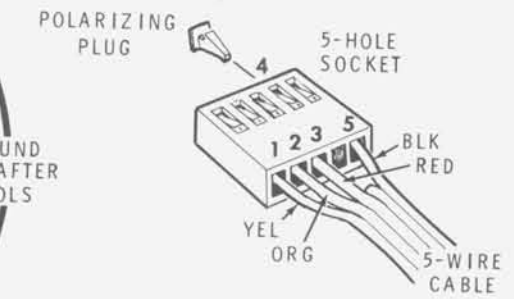
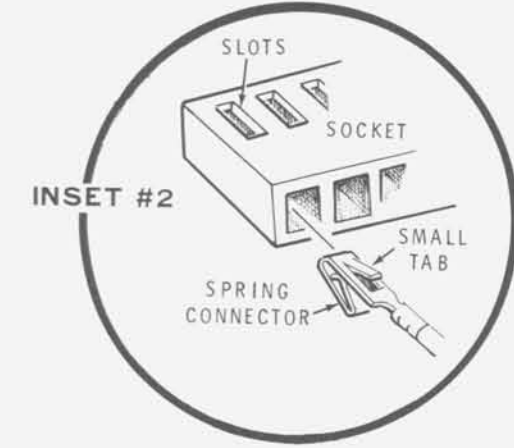
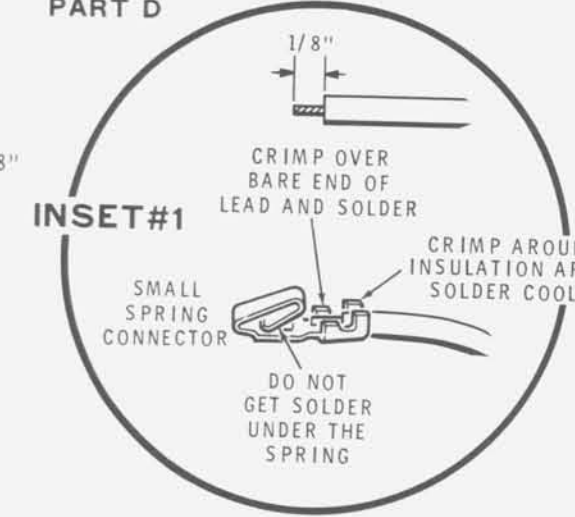
PART B



PART C

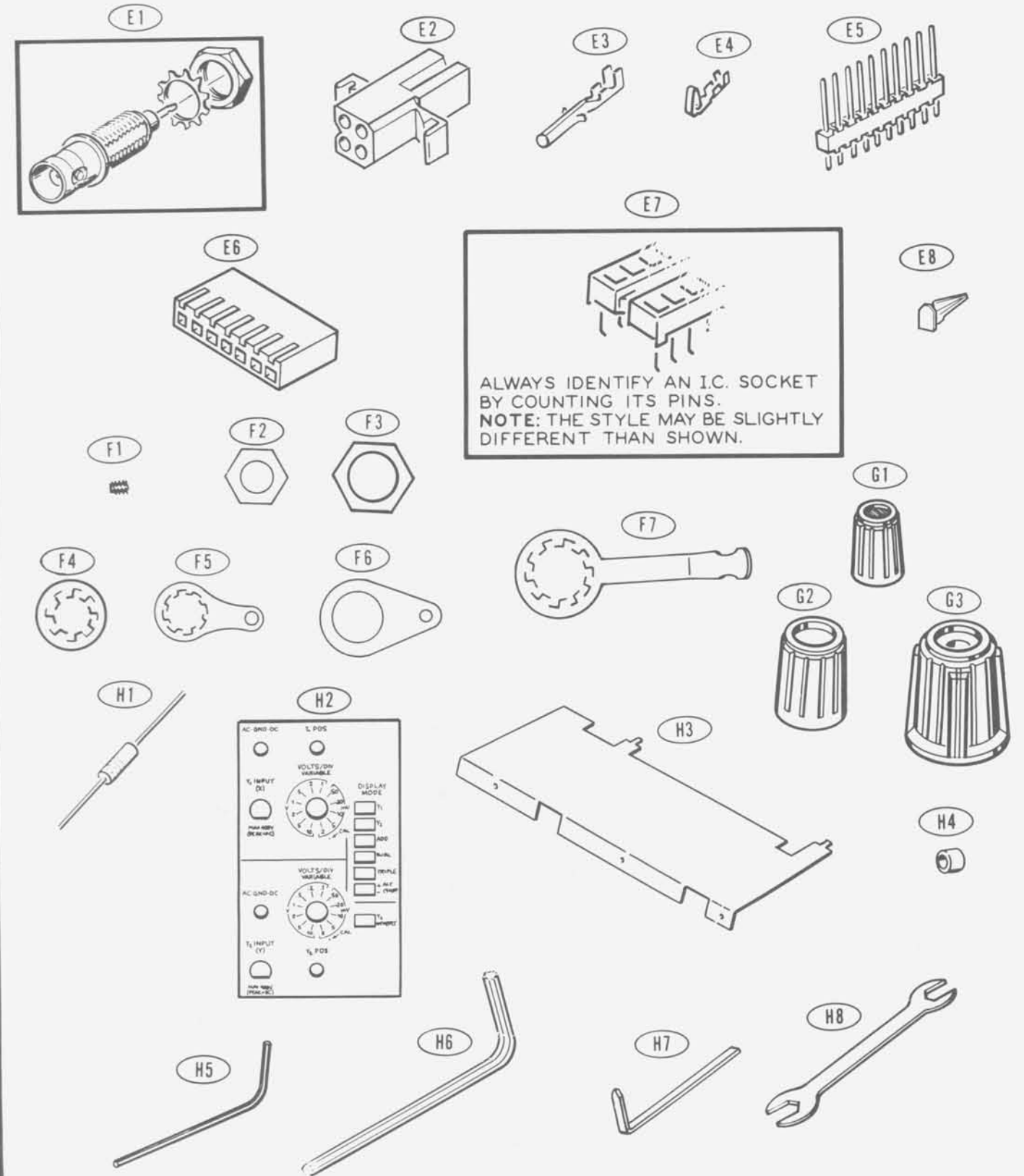
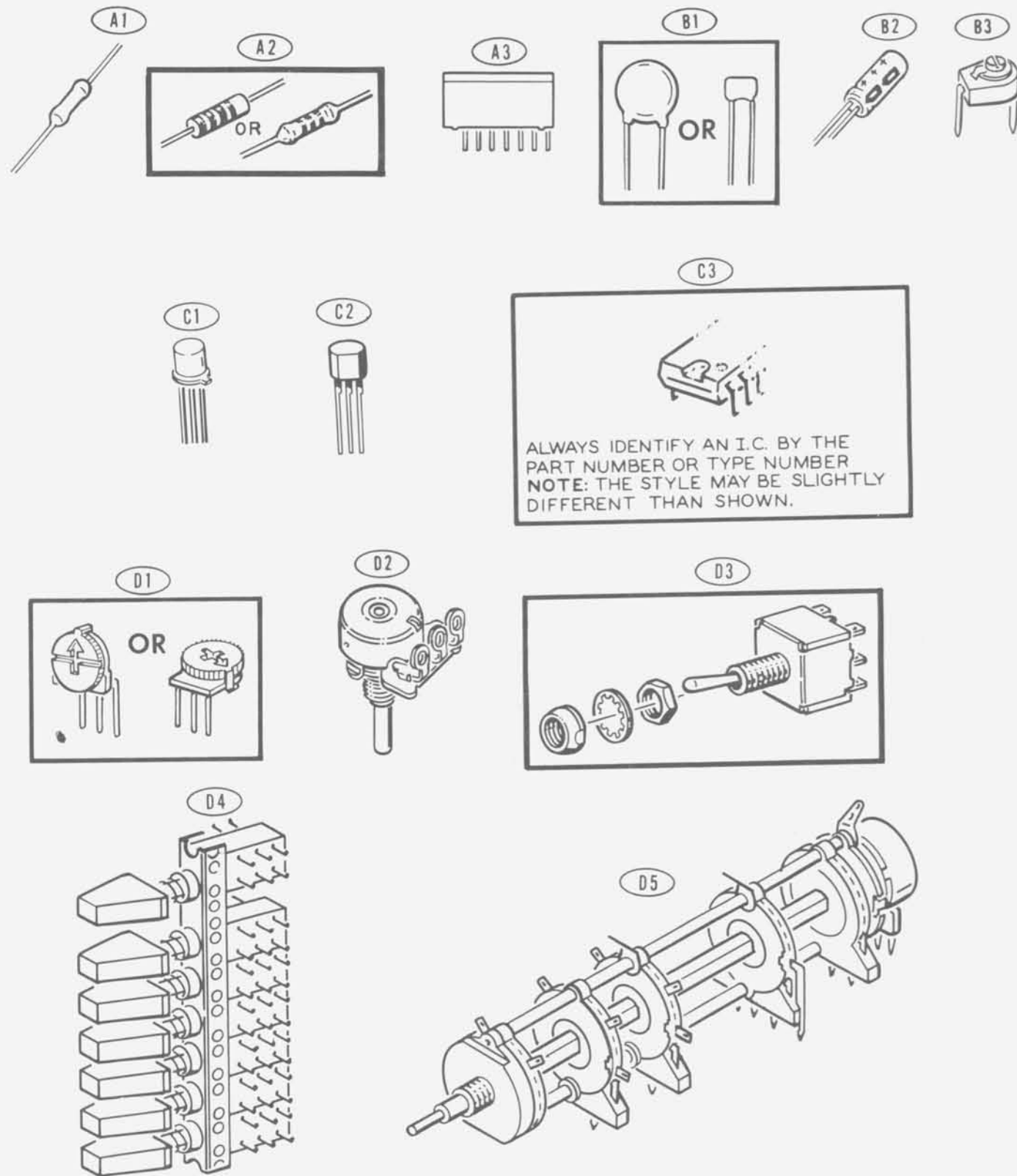


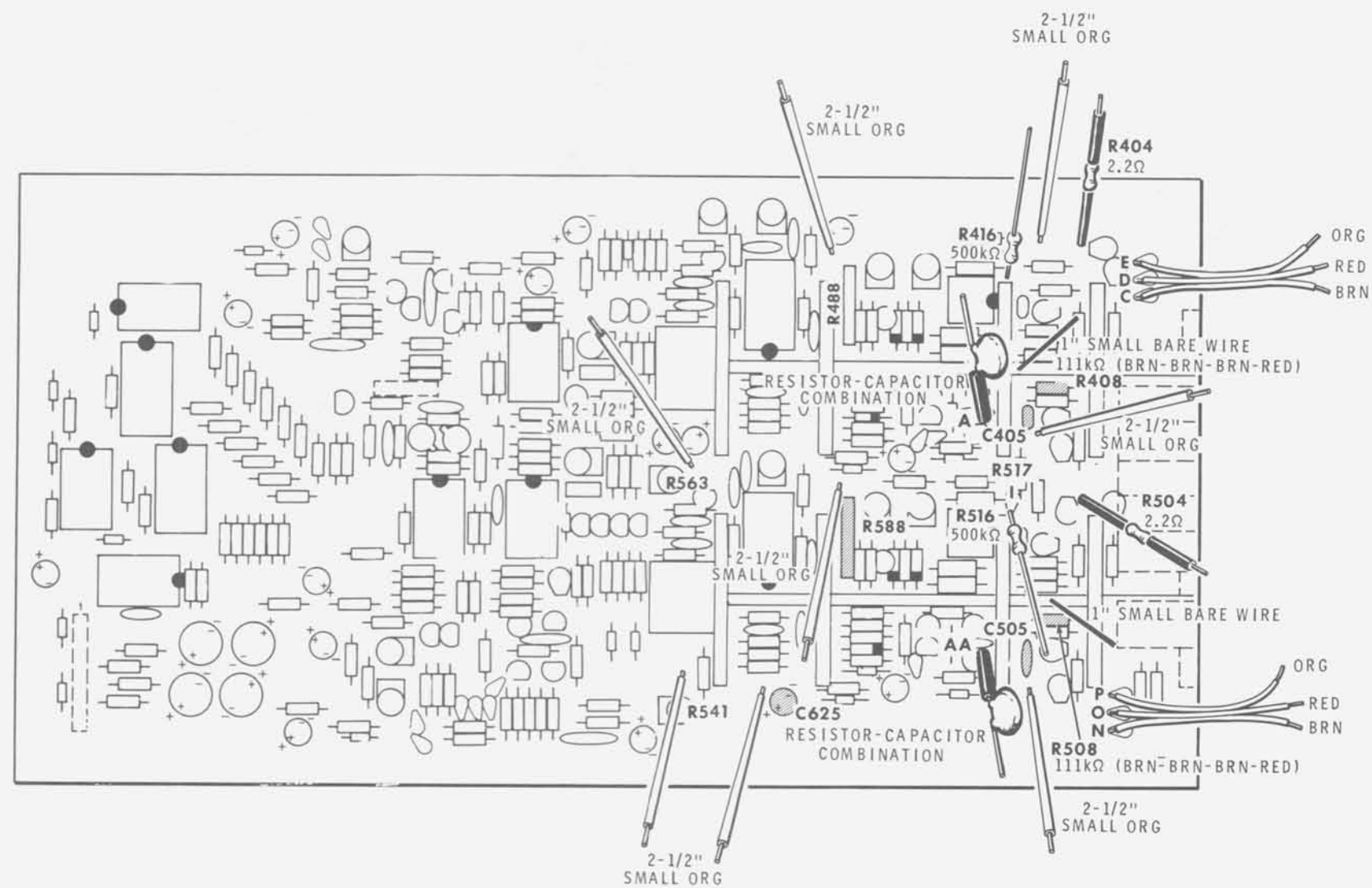
PART D



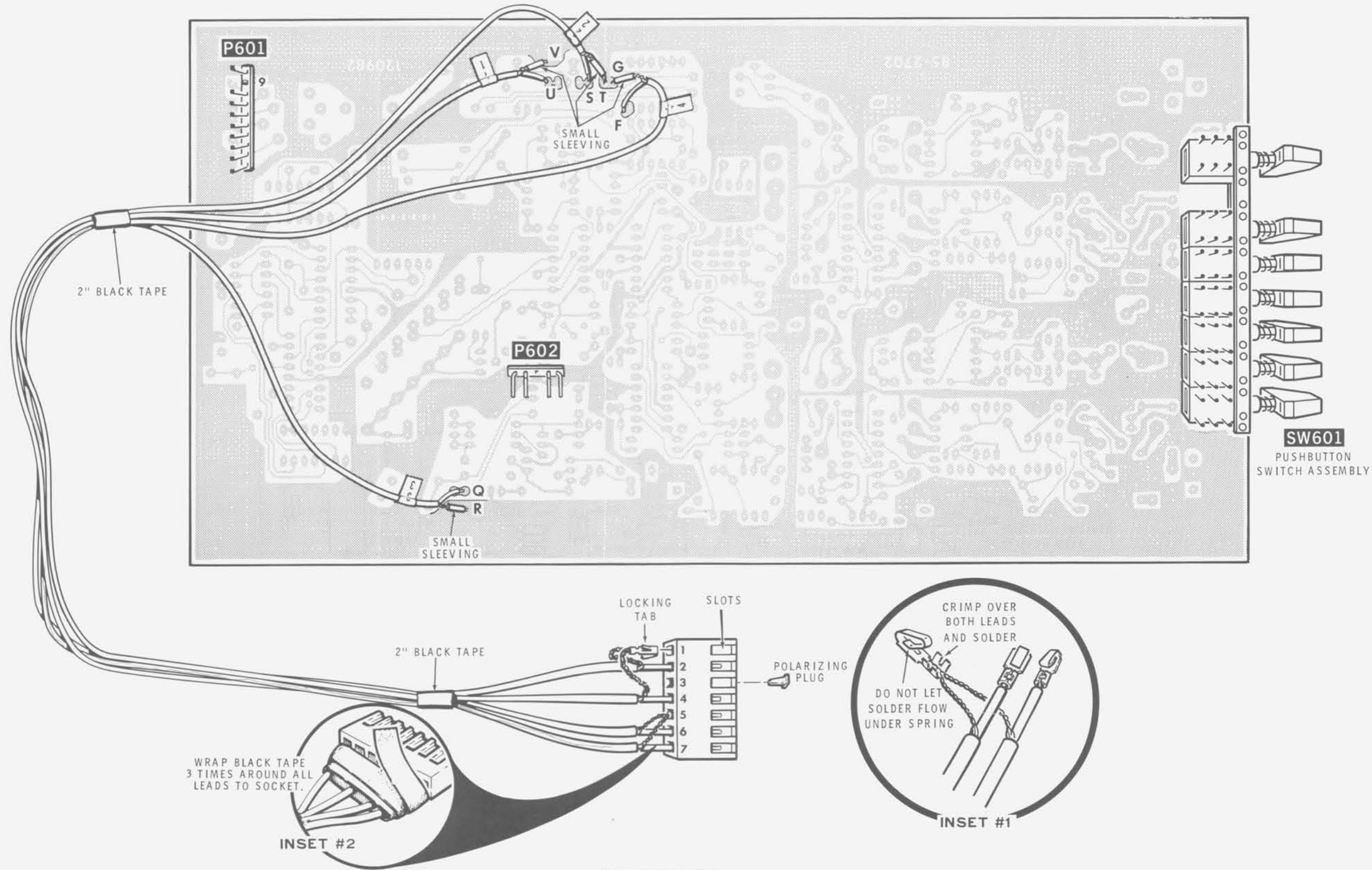
Detail 4-10D

VERTICAL PREAMP CIRCUIT BOARD PARTS PICTORIAL

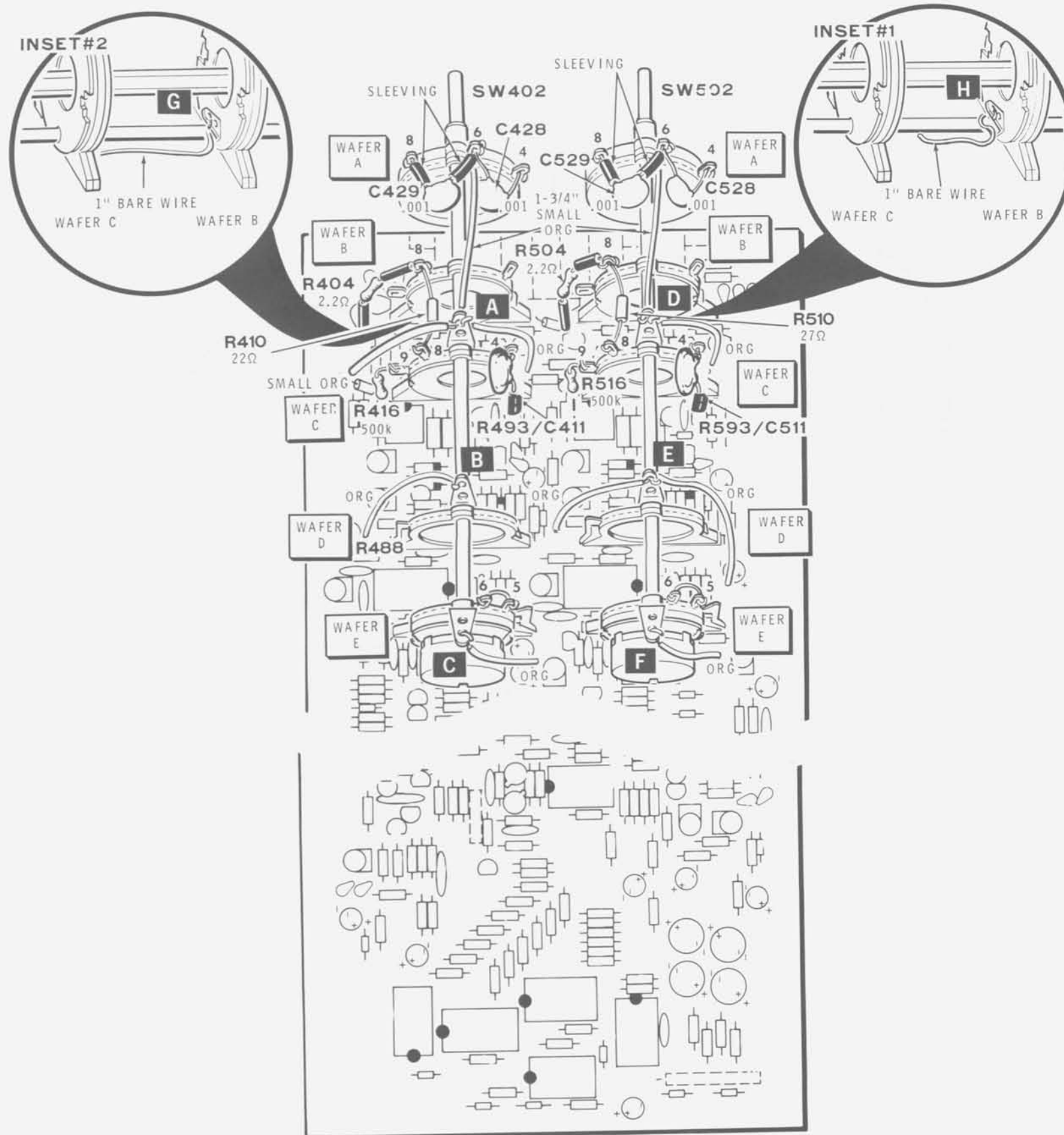


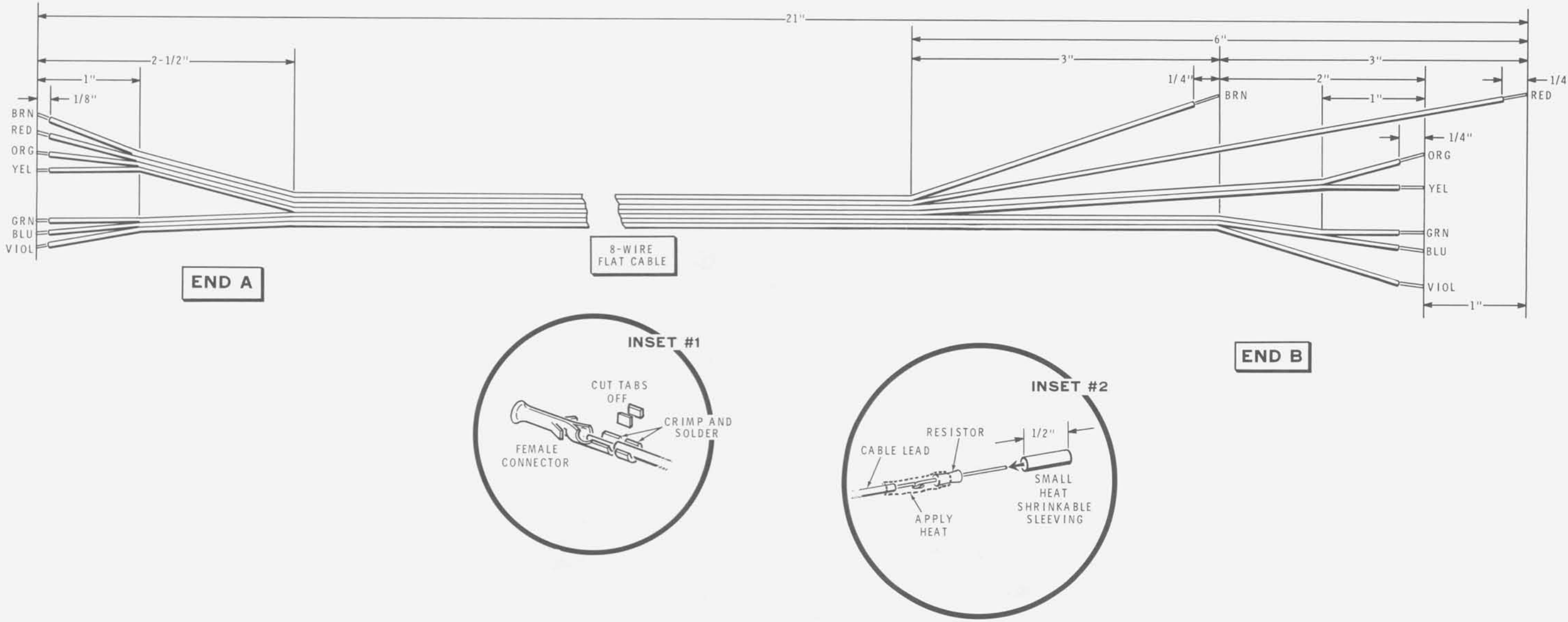


PICTORIAL 5-18

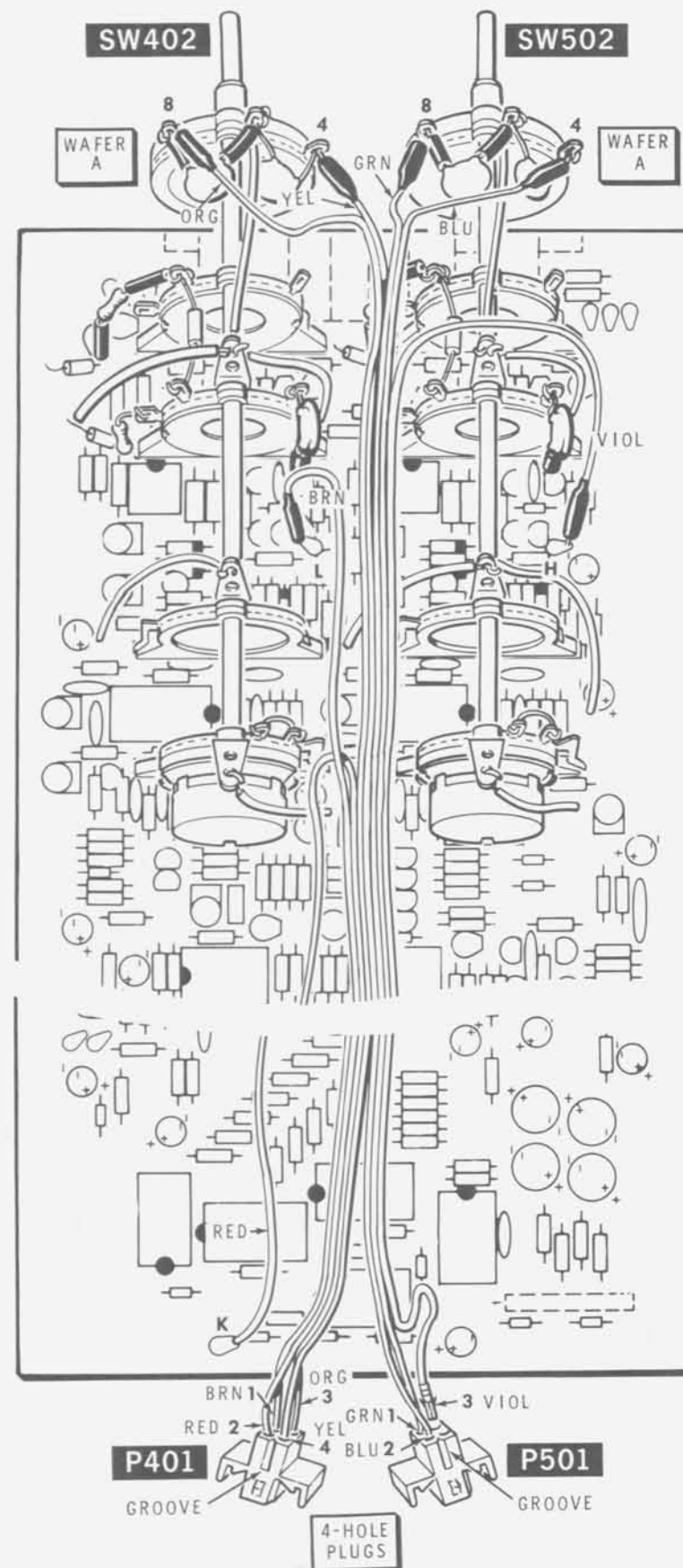


PICTORIAL 5-19



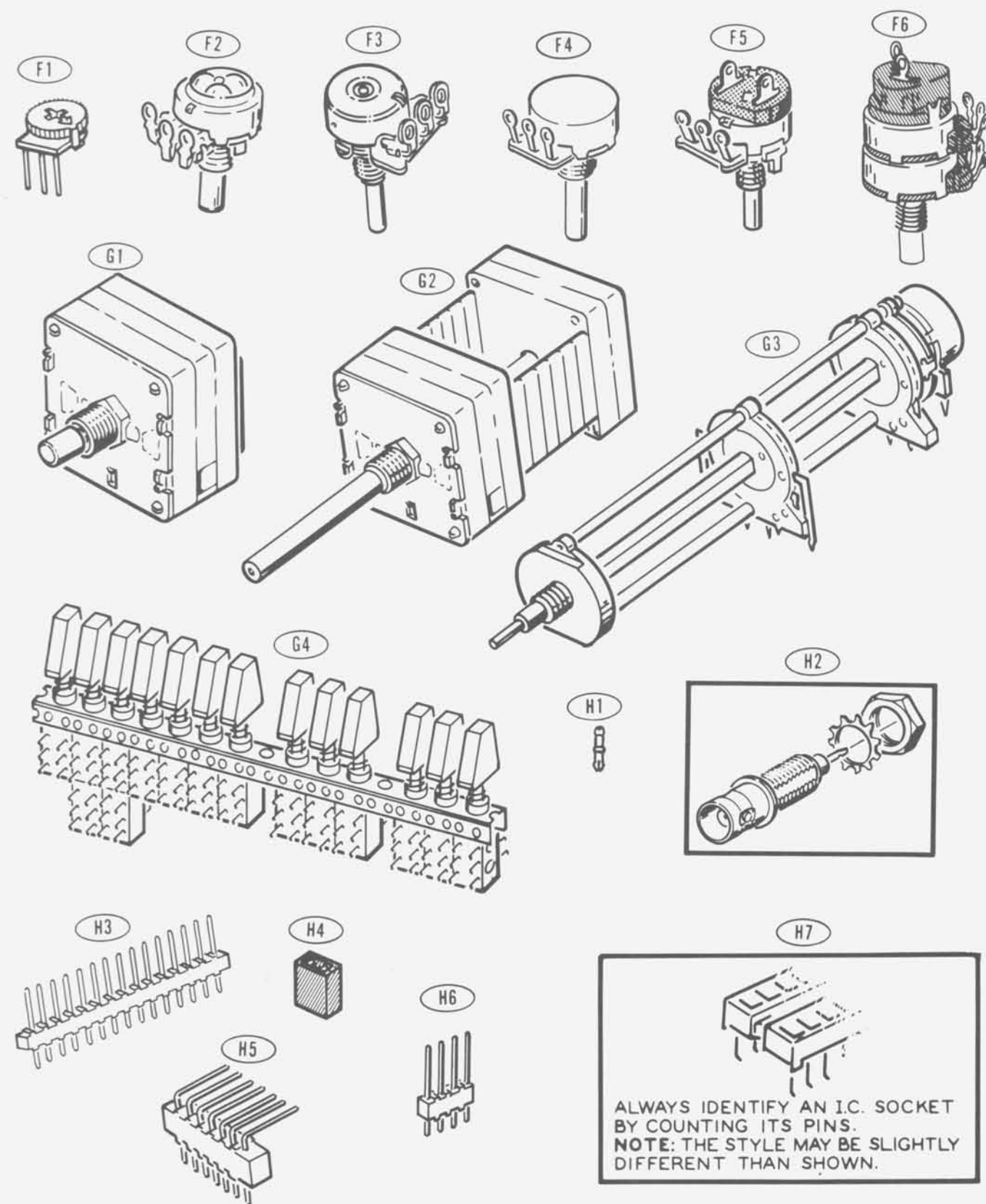
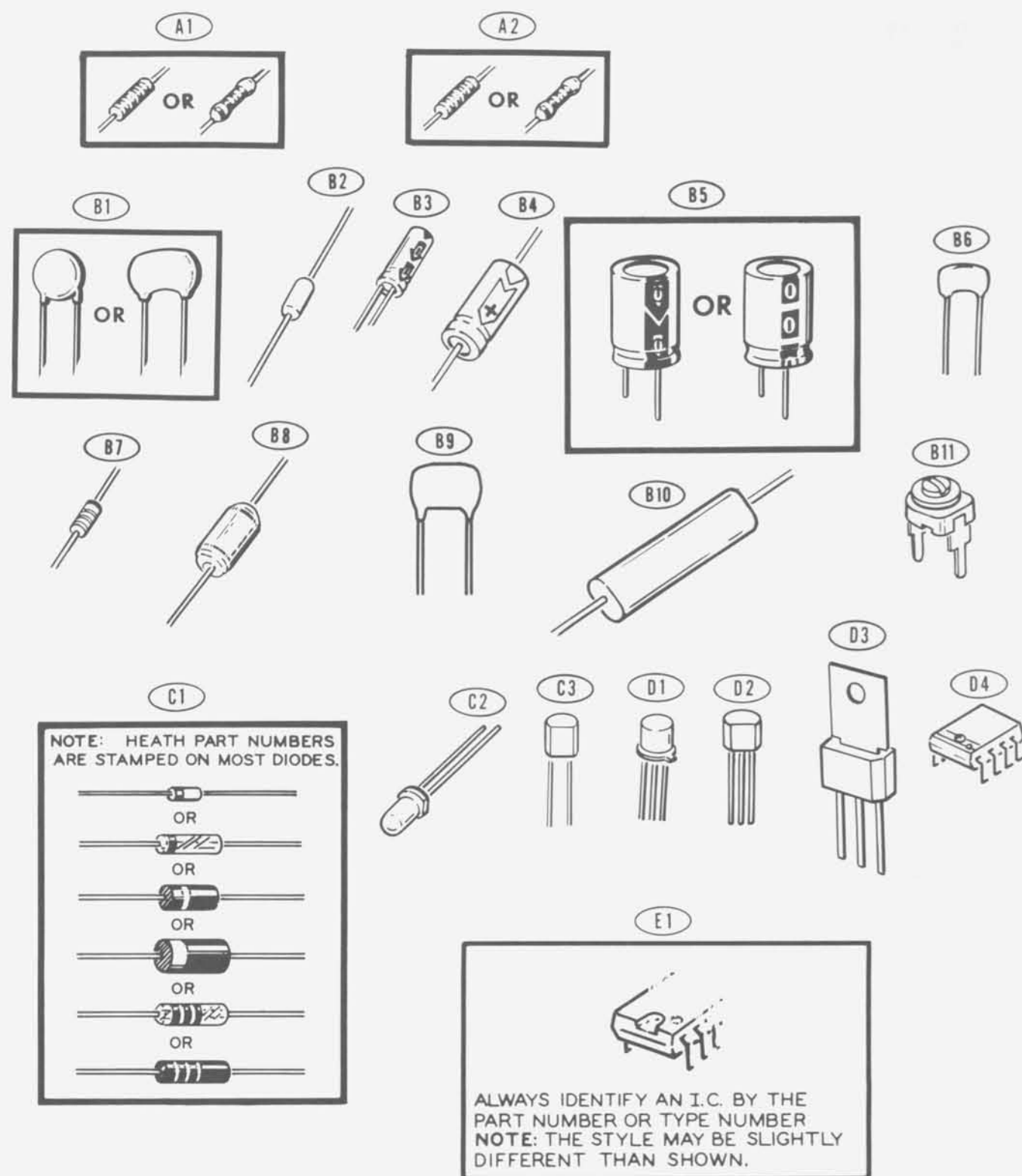


PICTORIAL 5-21

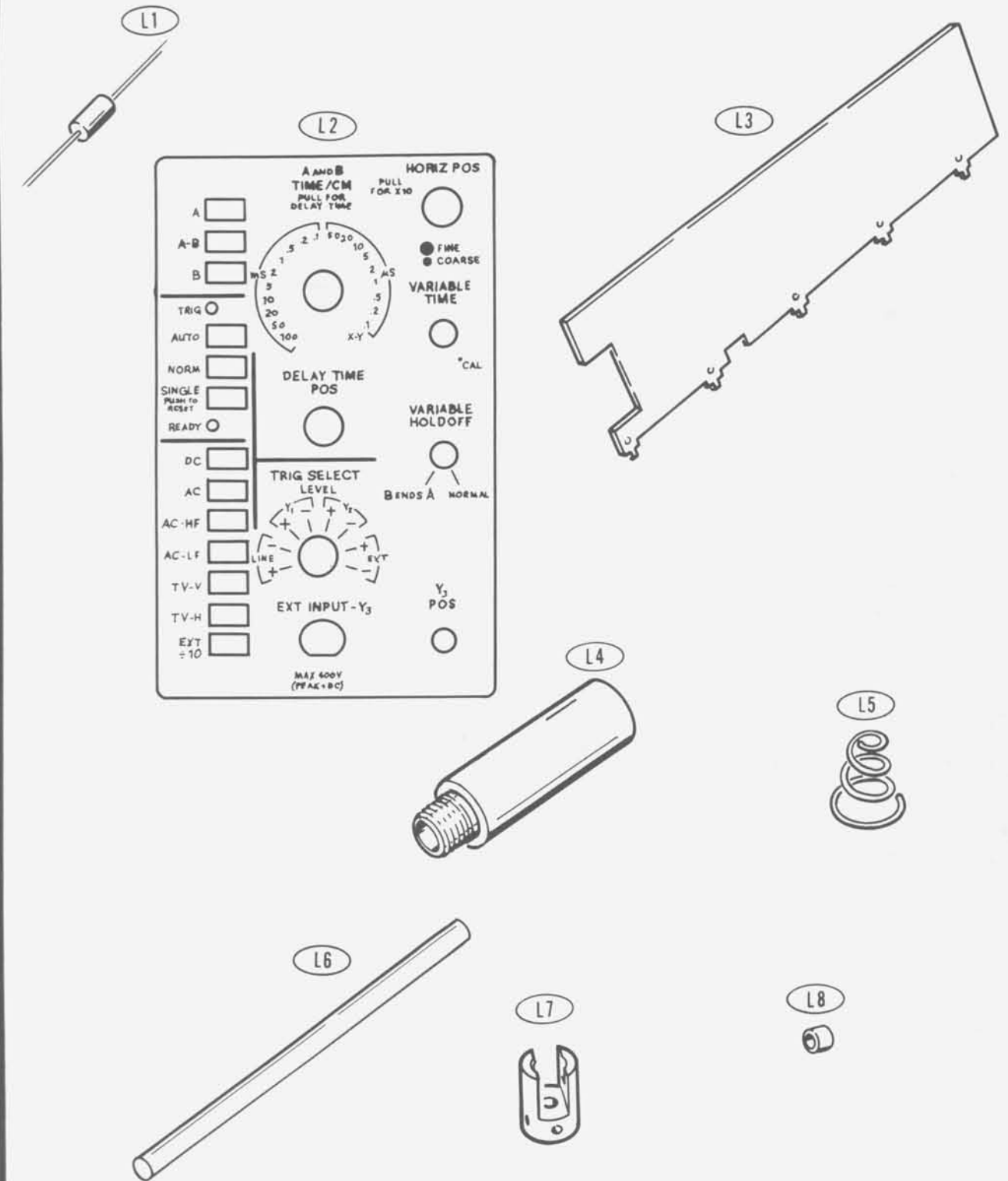


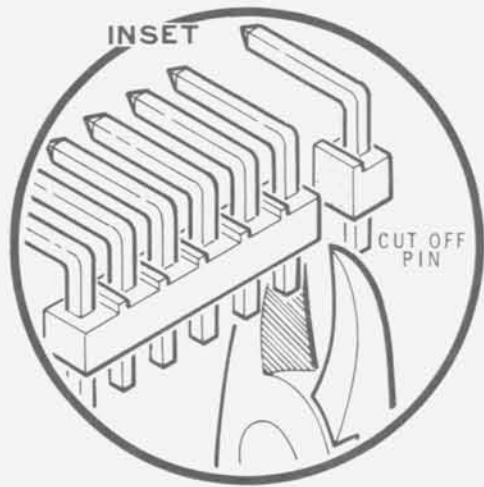
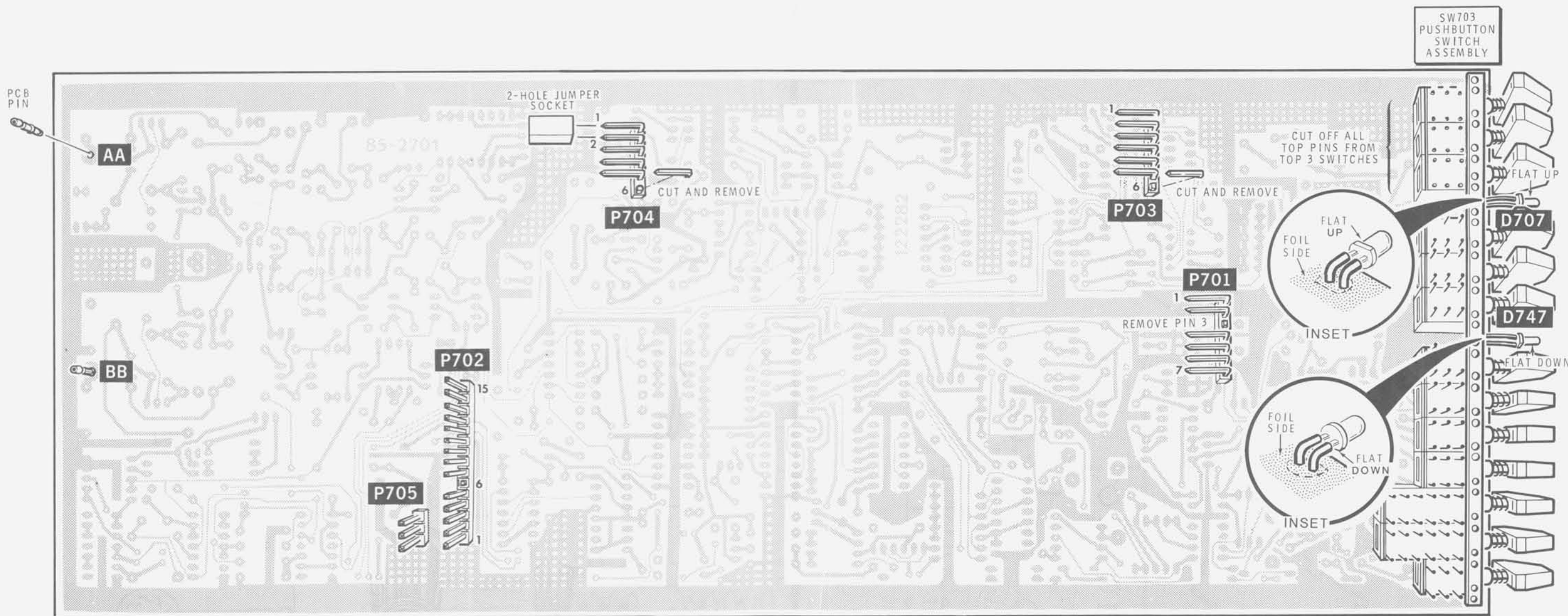
PICTORIAL 5-22

HORIZONTAL CIRCUIT BOARD PARTS PICTORIAL

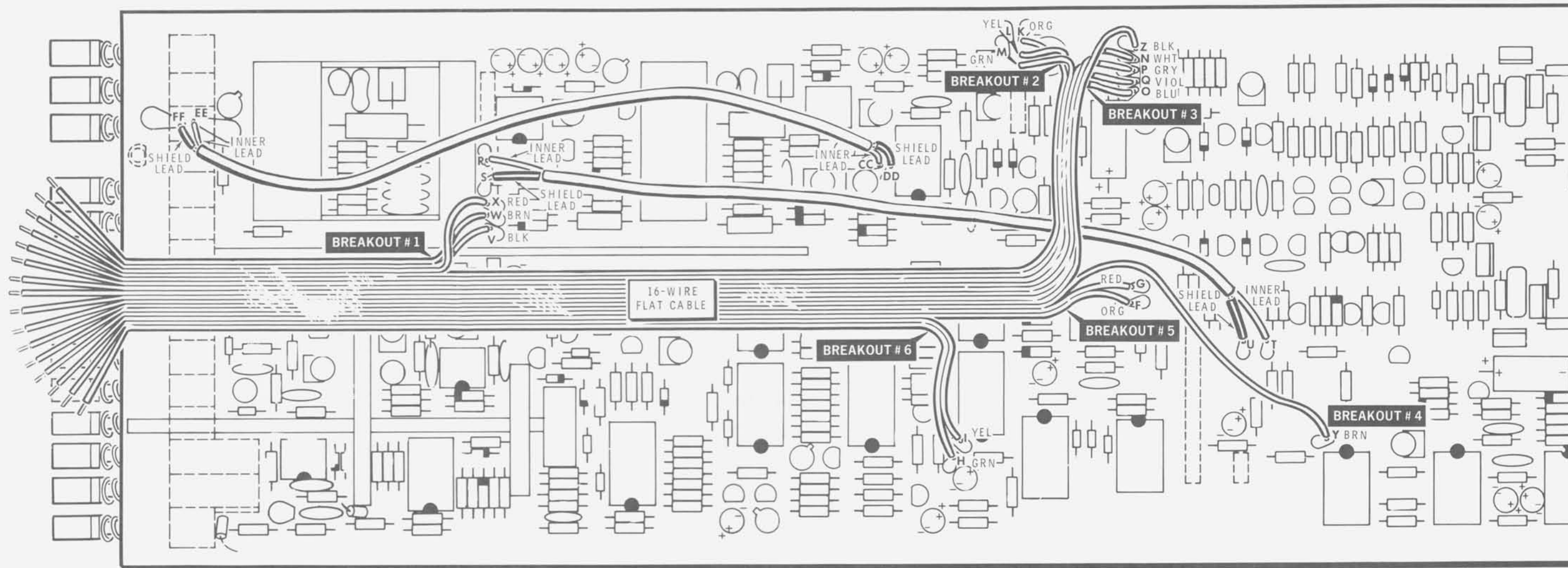


HORIZONTAL CIRCUIT BOARD PARTS PICTORIAL (Cont'd)



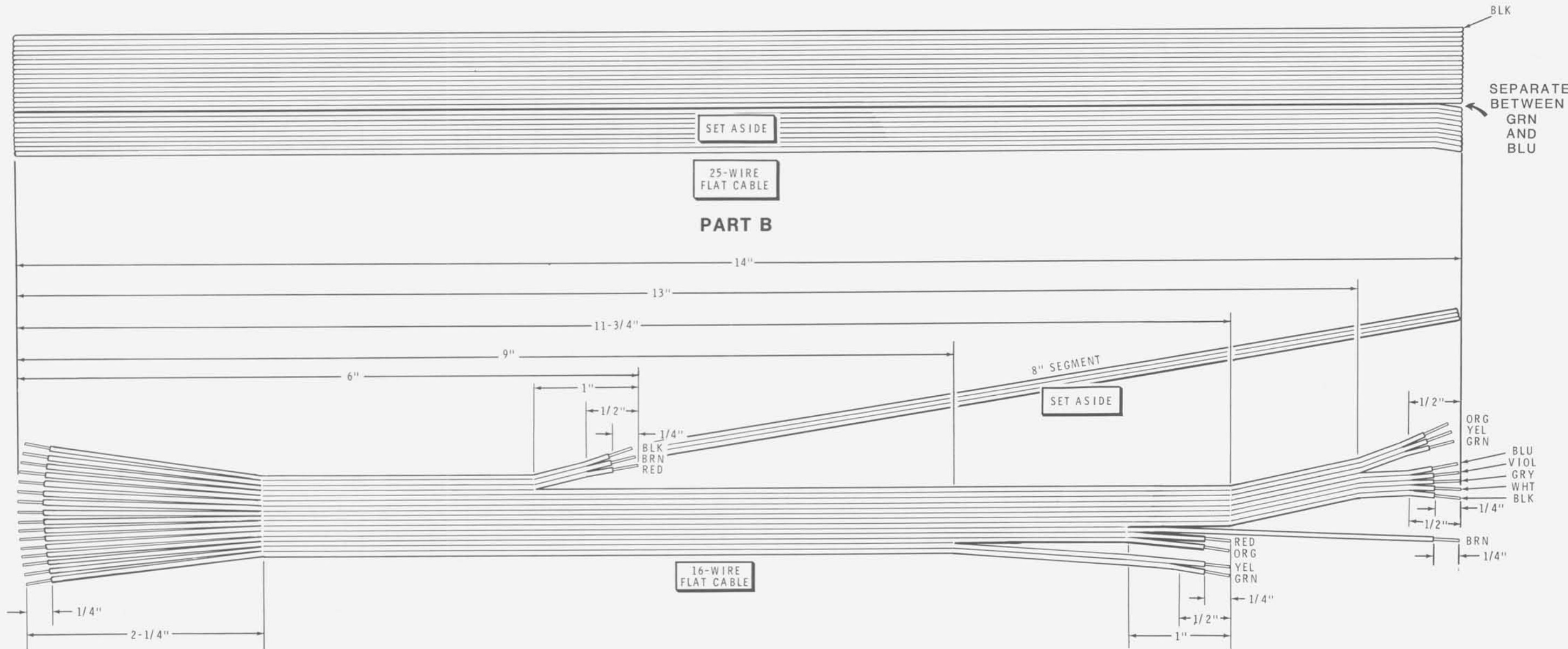


PICTORIAL 6-27

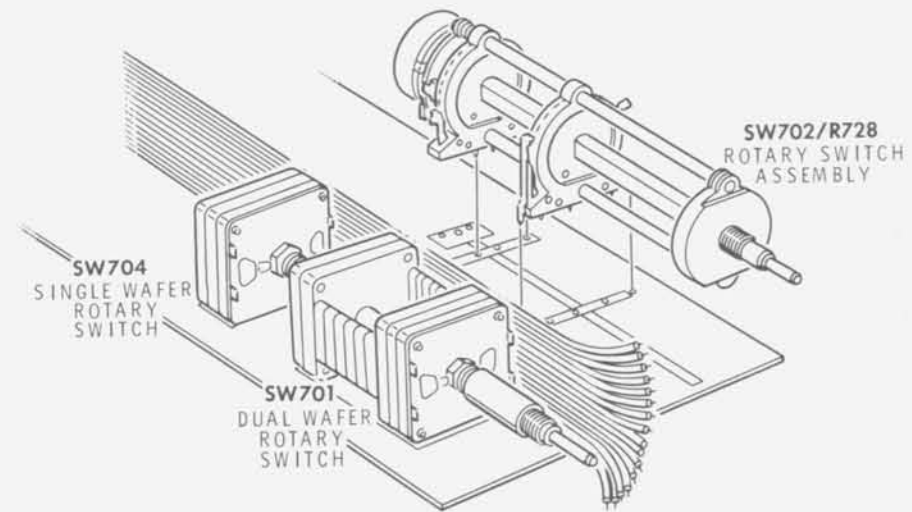


PICTORIAL 6-28

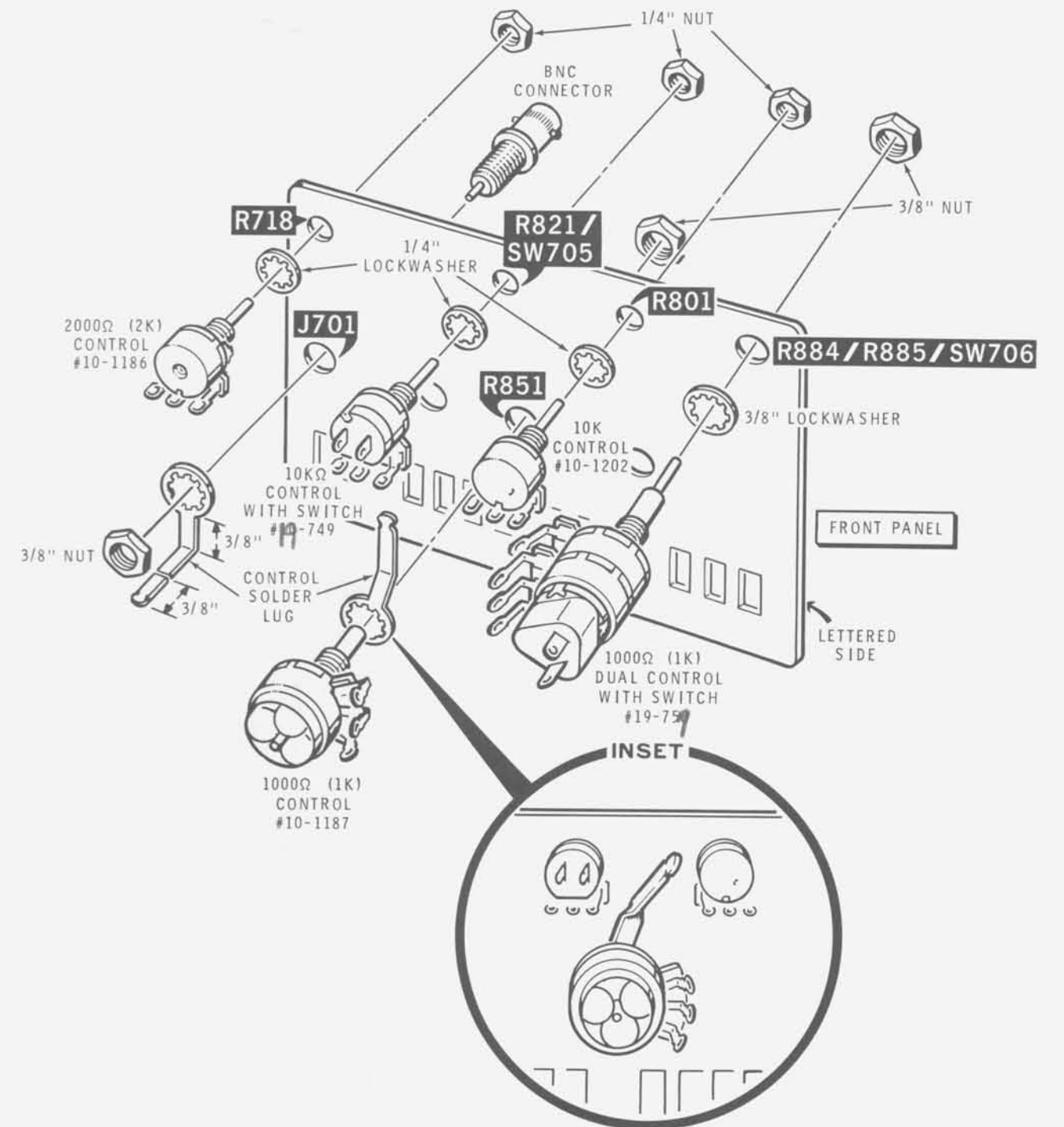
PART A



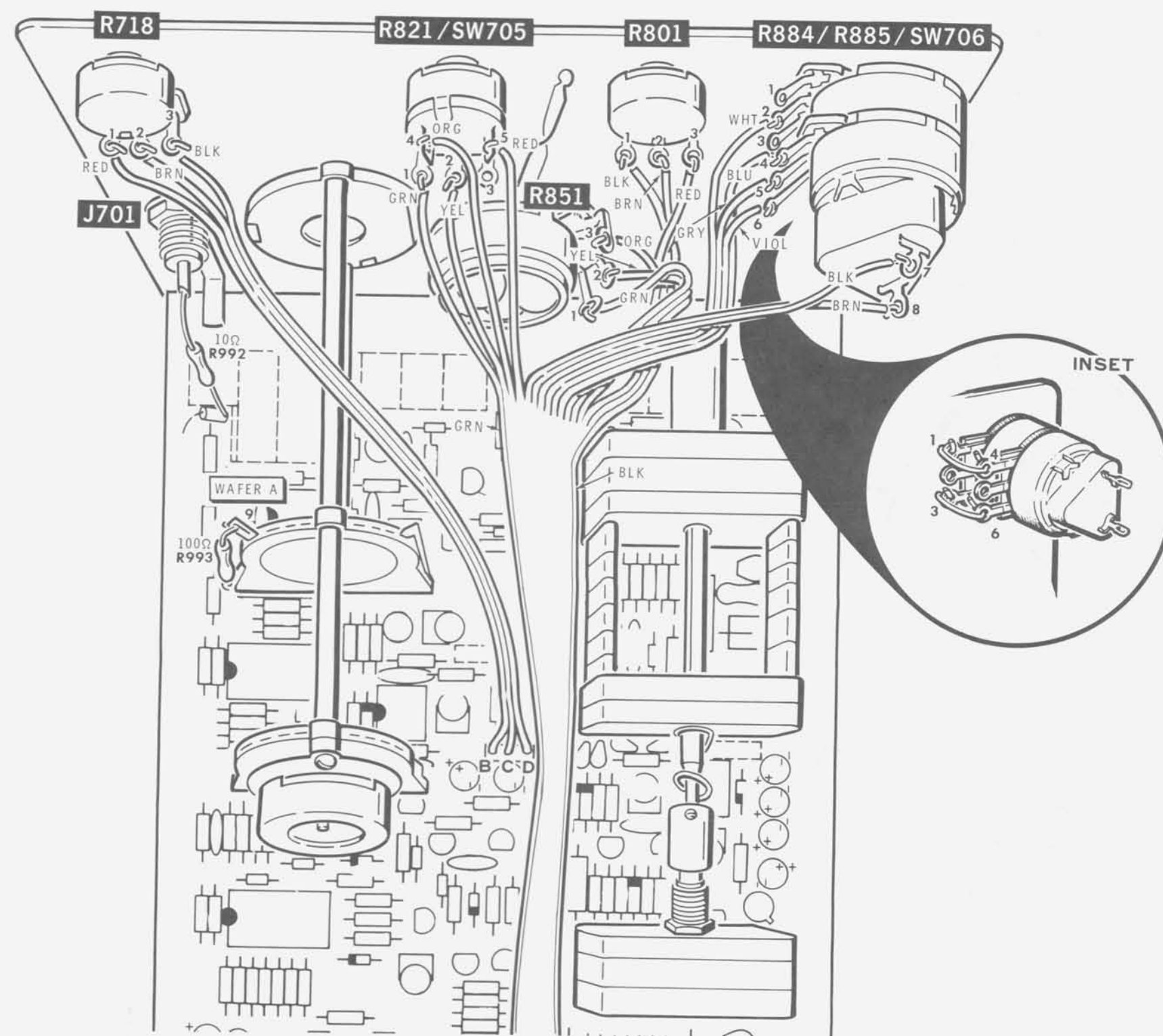
Detail 6-28B



PICTORIAL 6-29

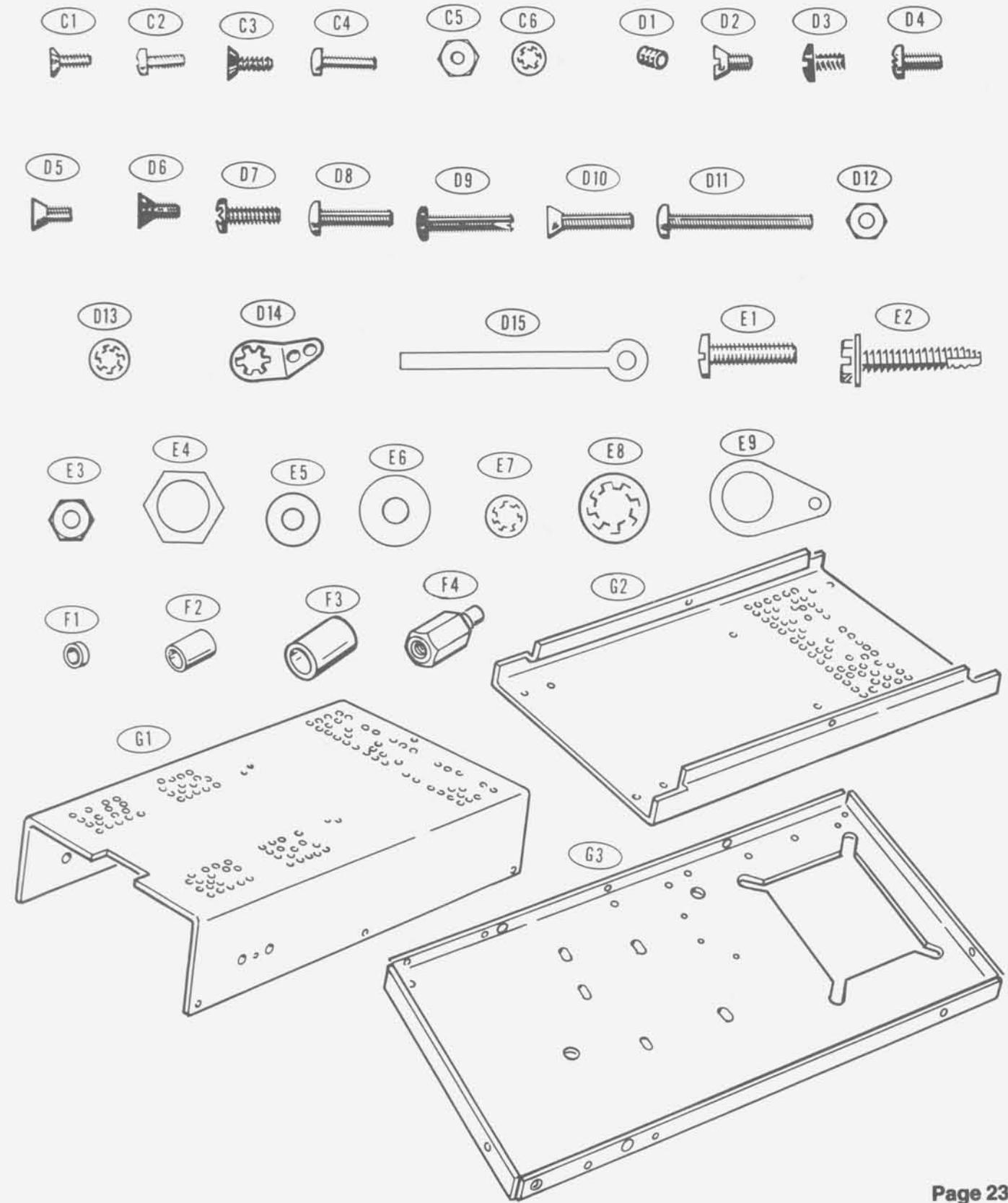
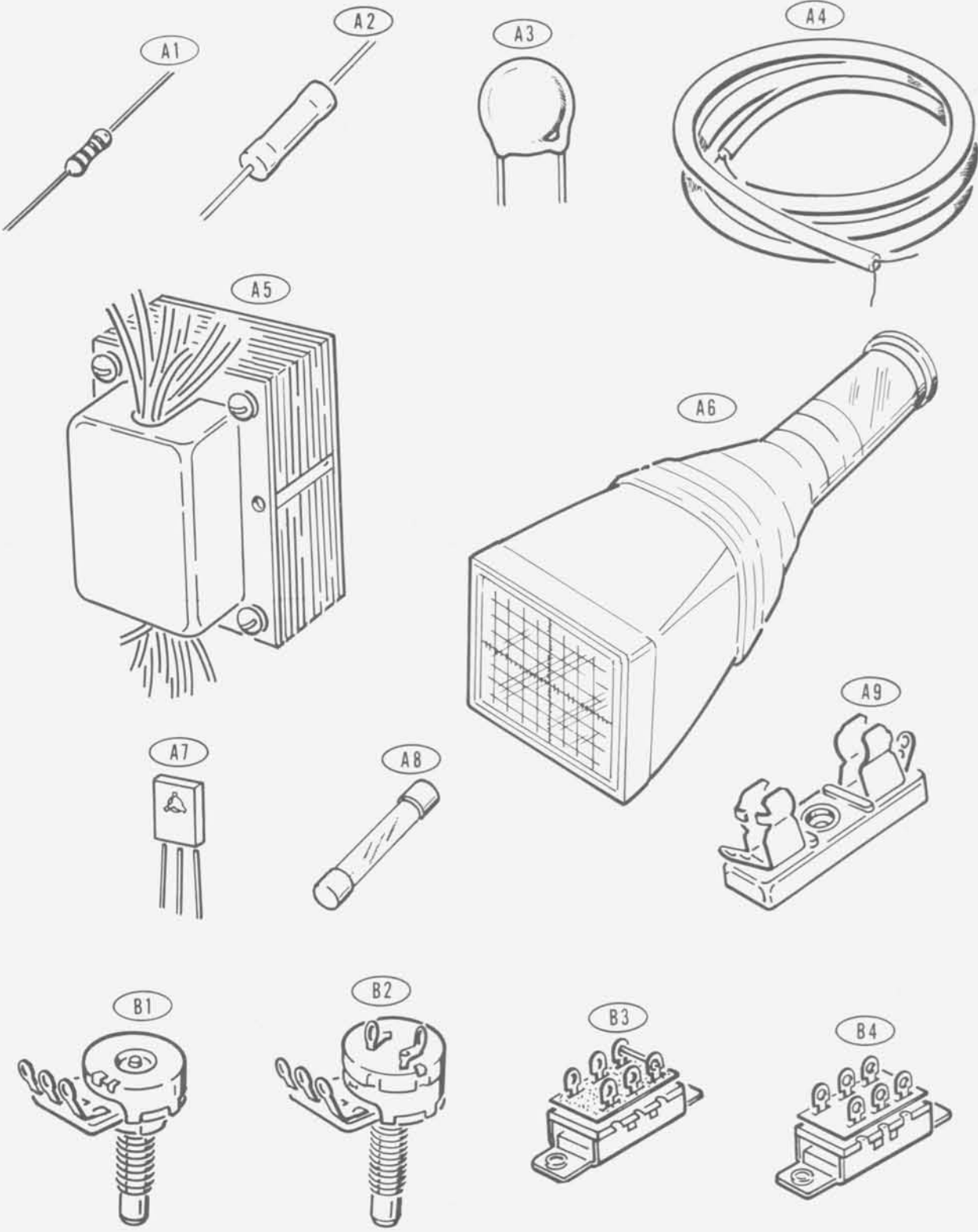


PICTORIAL 6-30

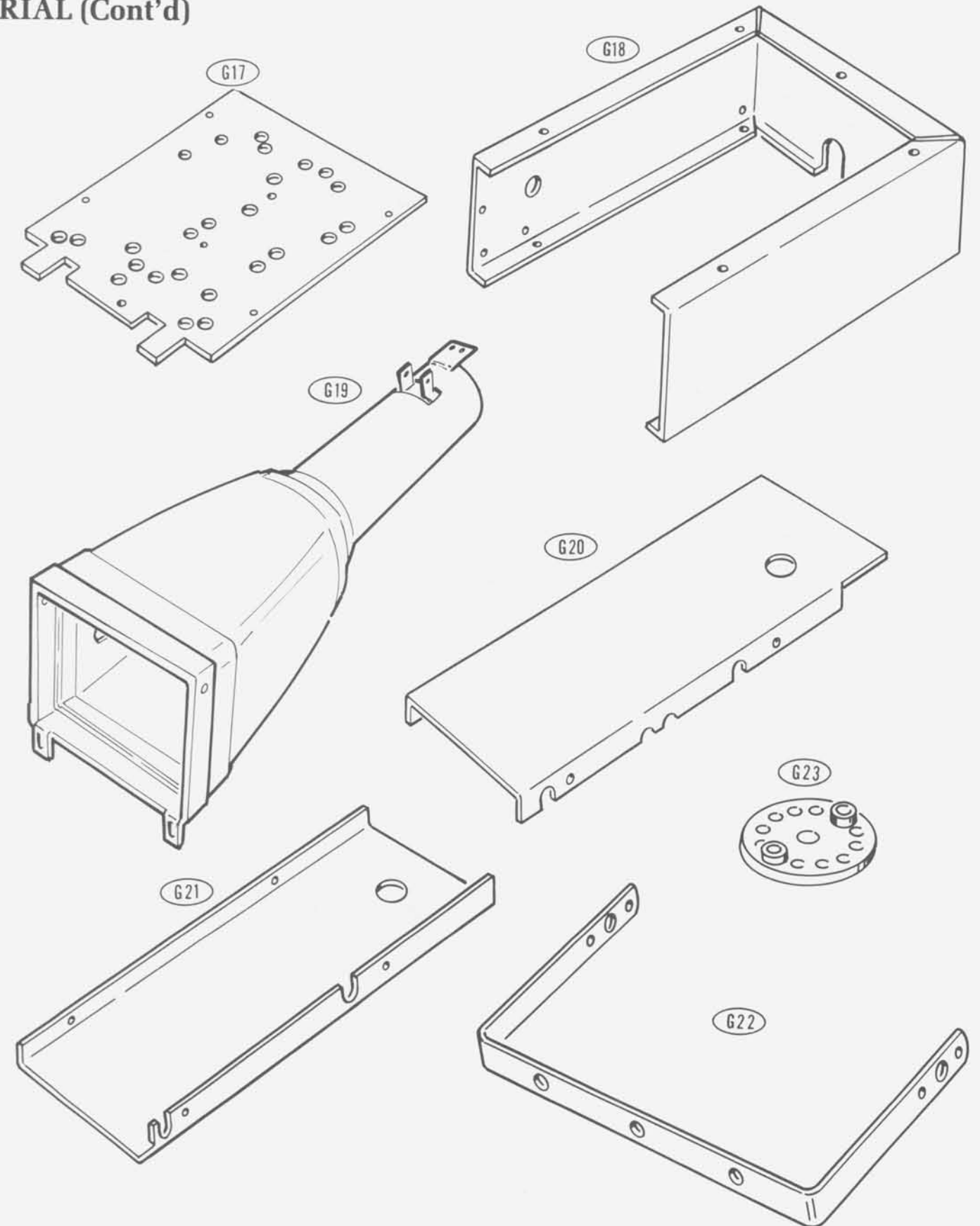
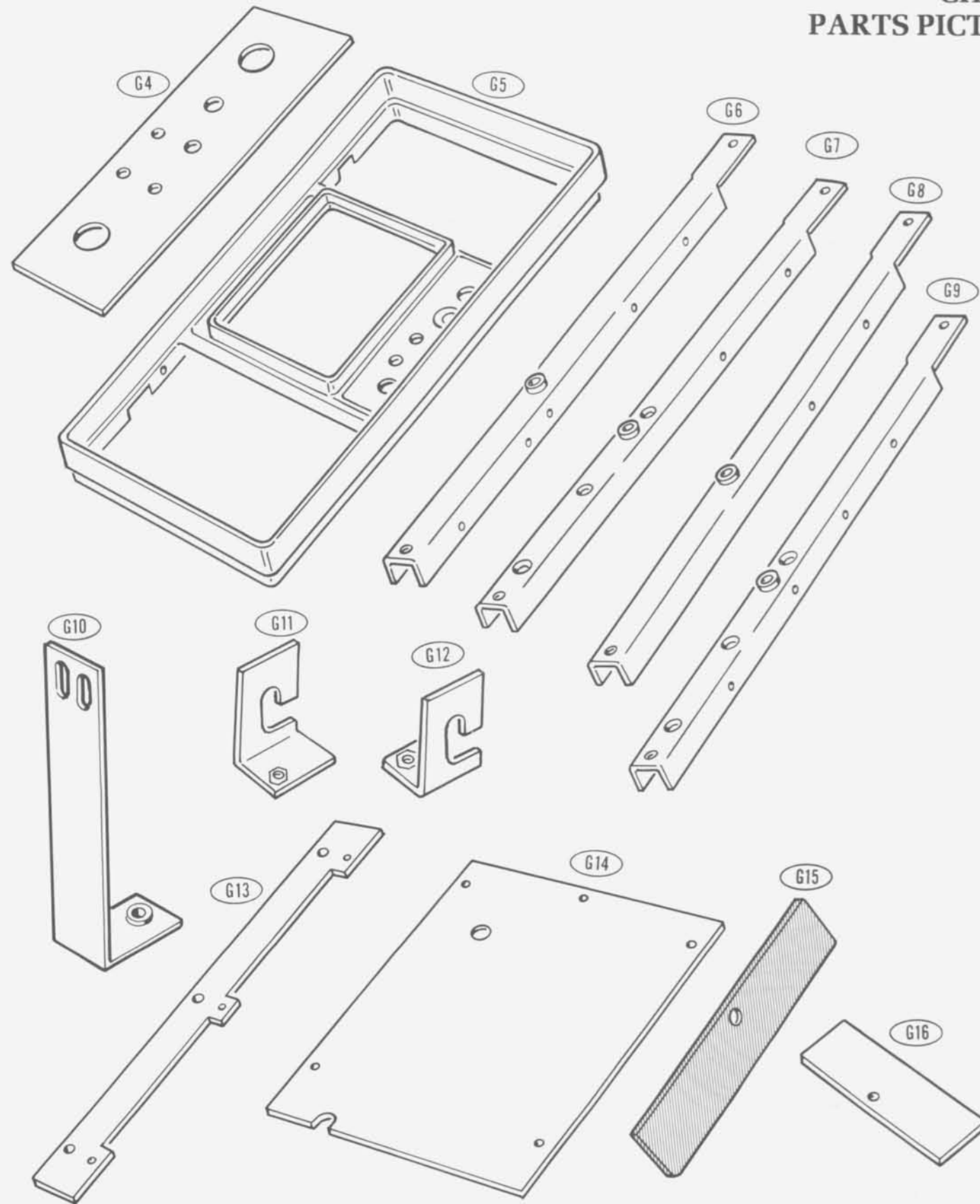


PICTORIAL 6-31

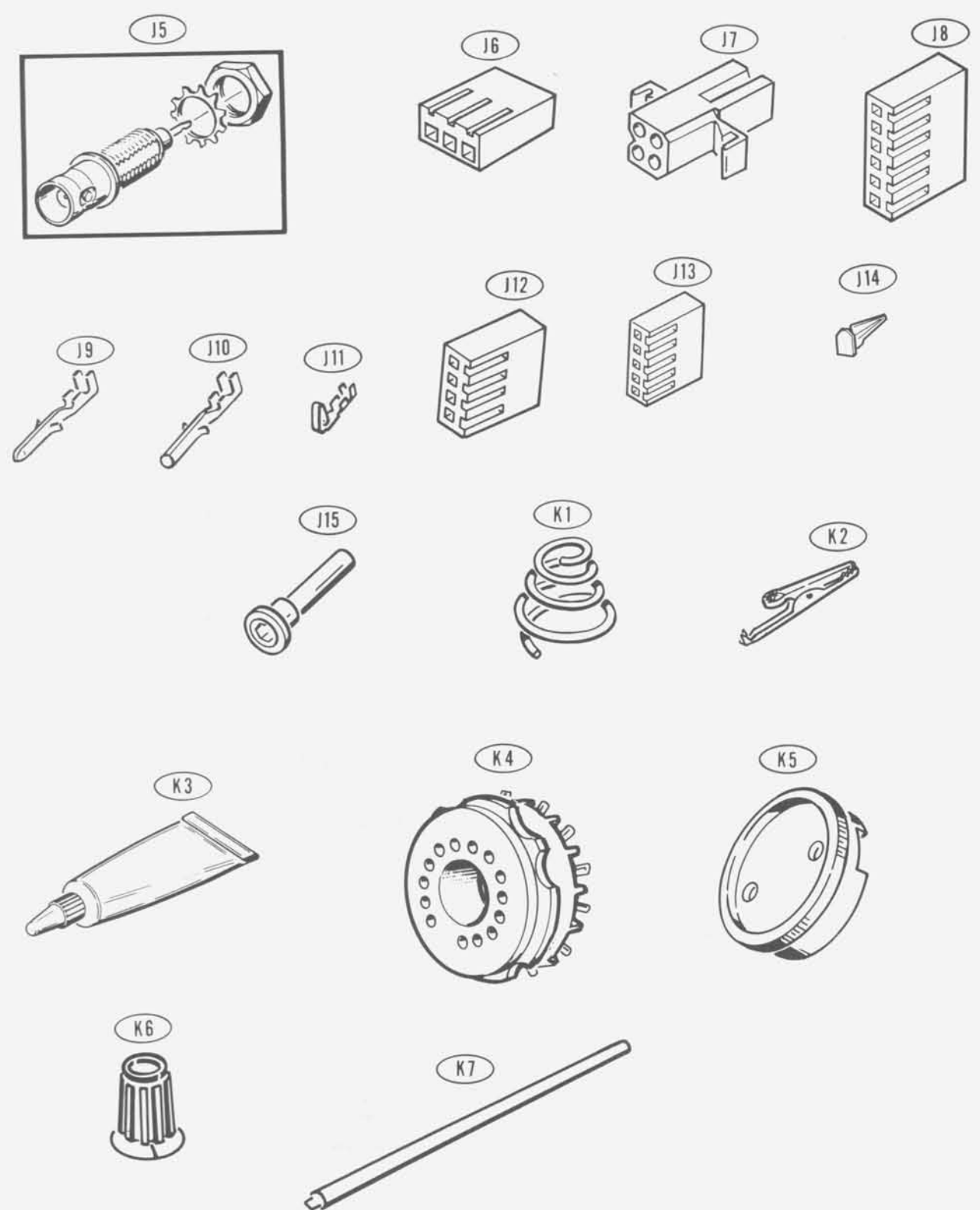
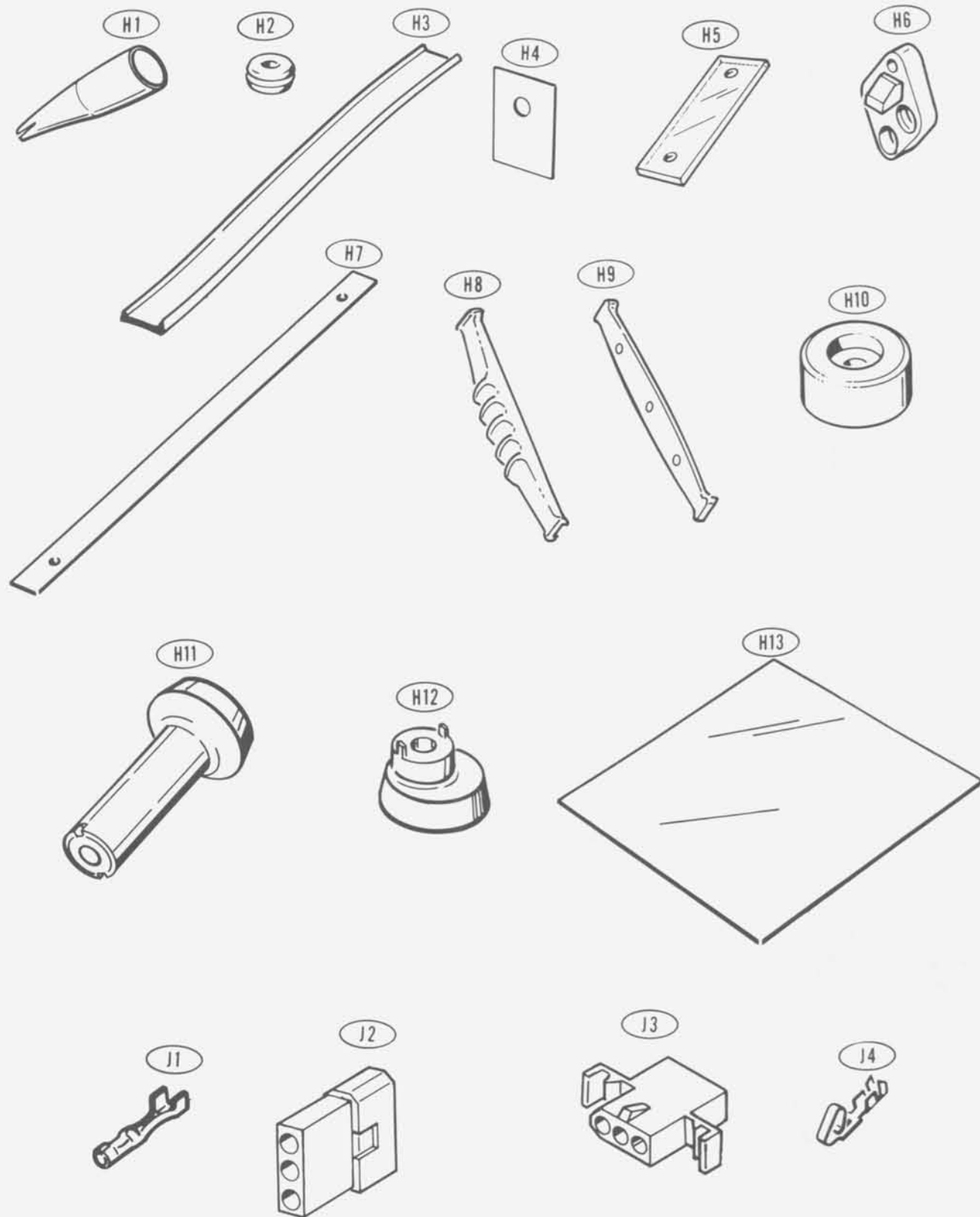
CHASSIS
PARTS PICTORIAL

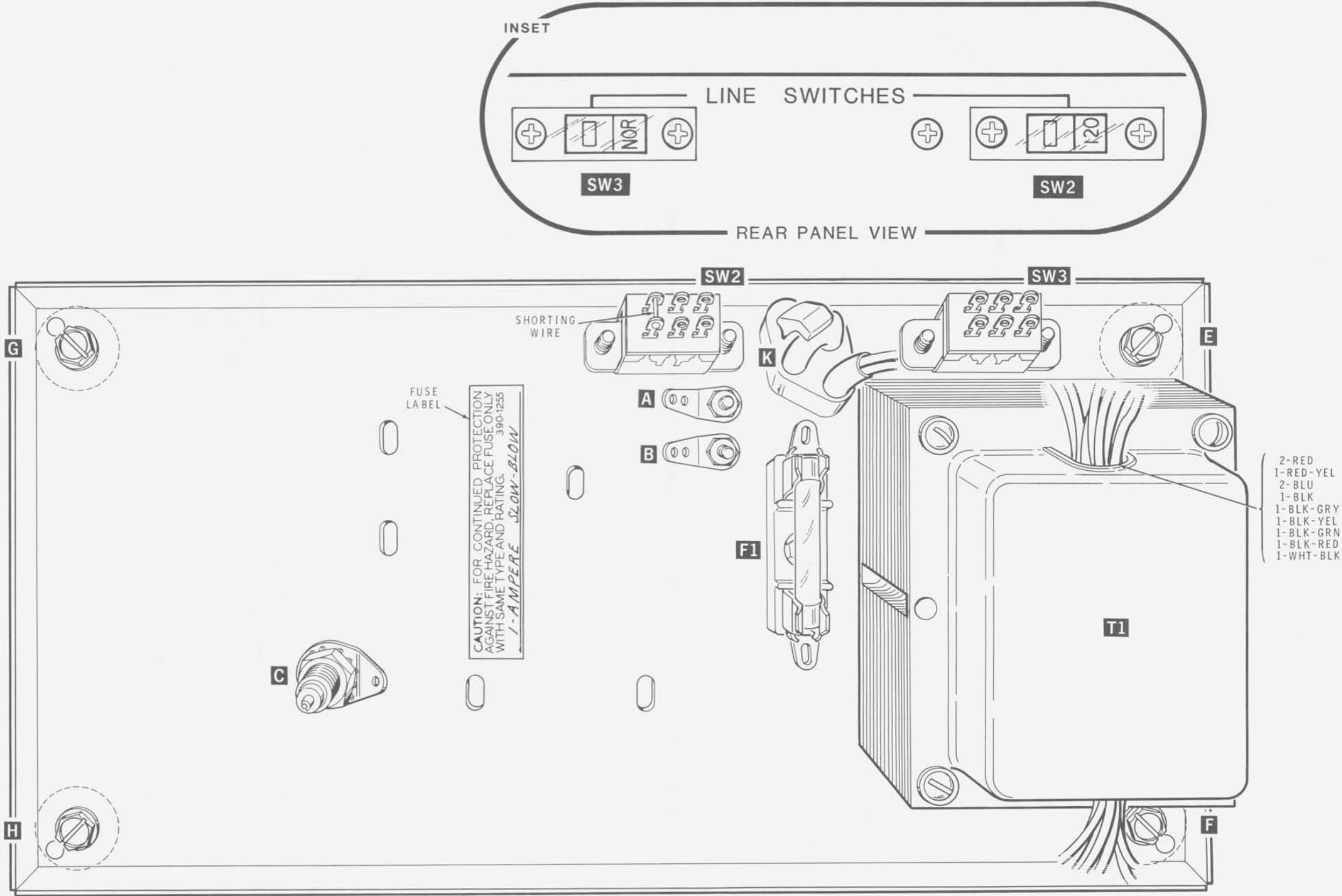


CHASSIS PARTS PICTORIAL (Cont'd)

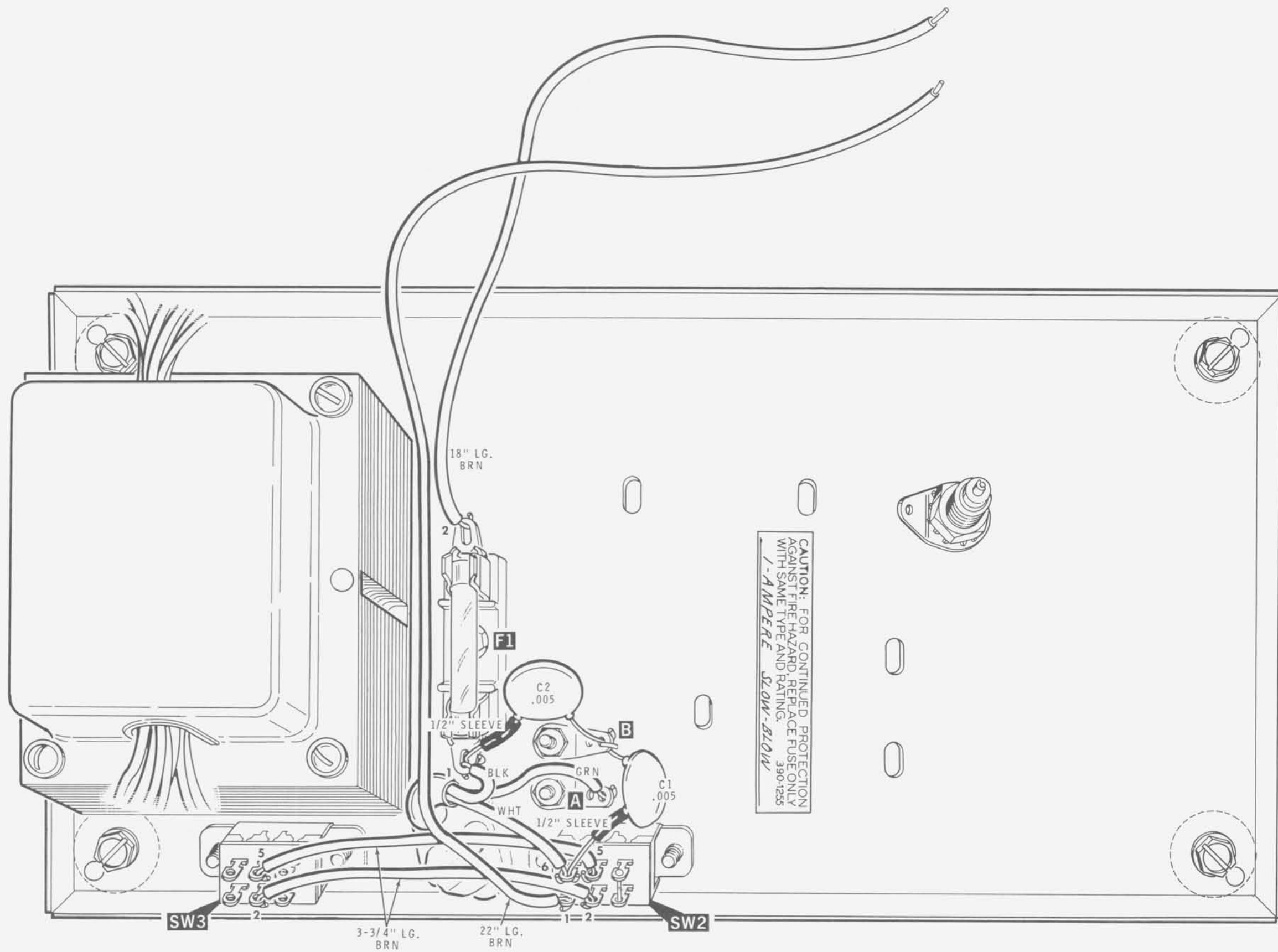


CHASSIS PARTS PICTORIAL (Cont'd)

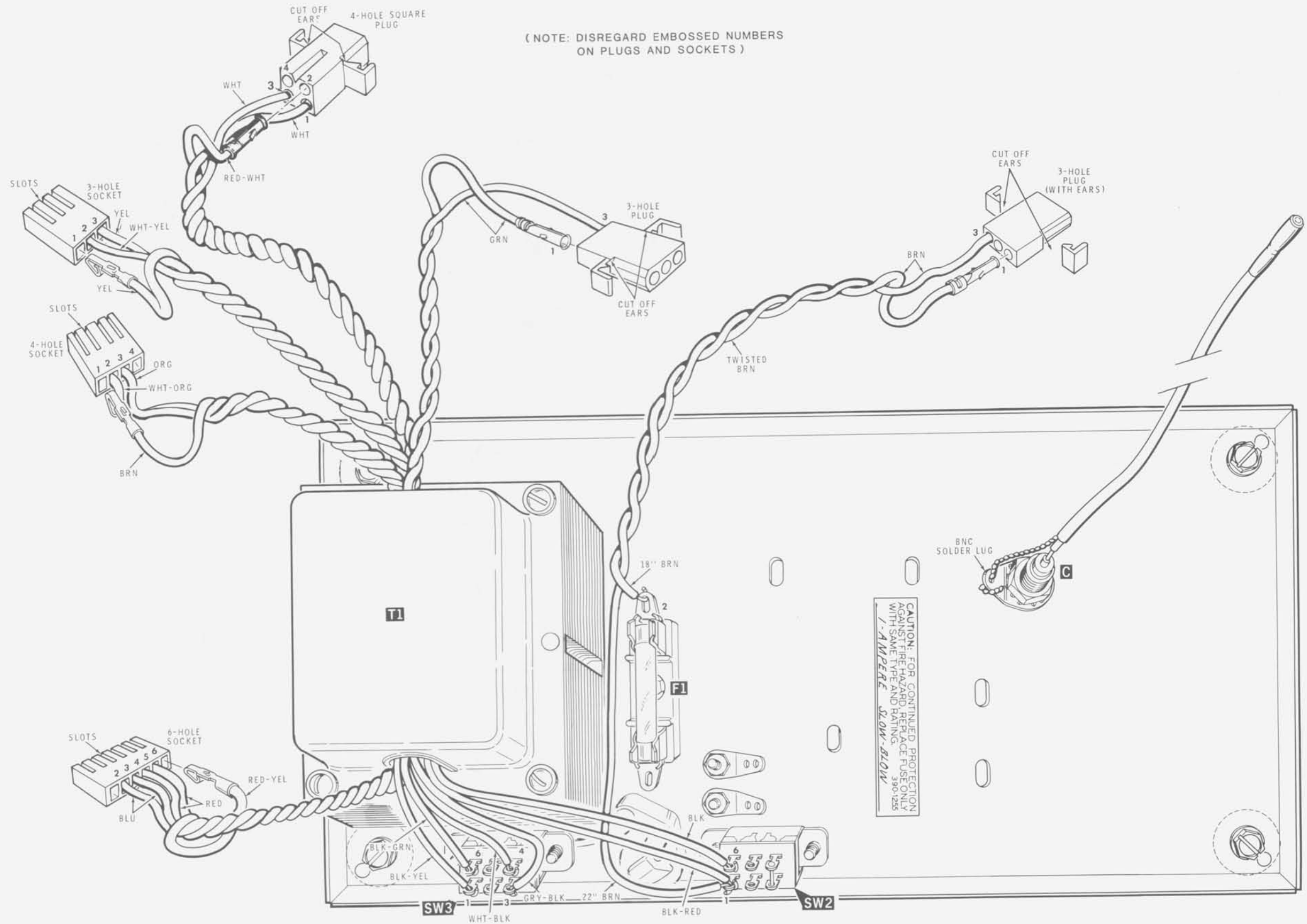




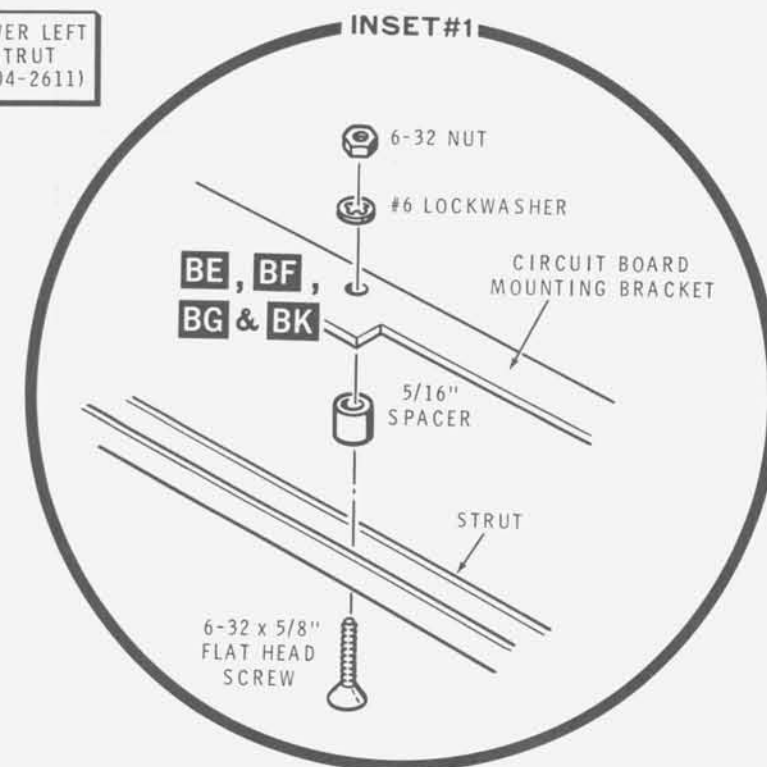
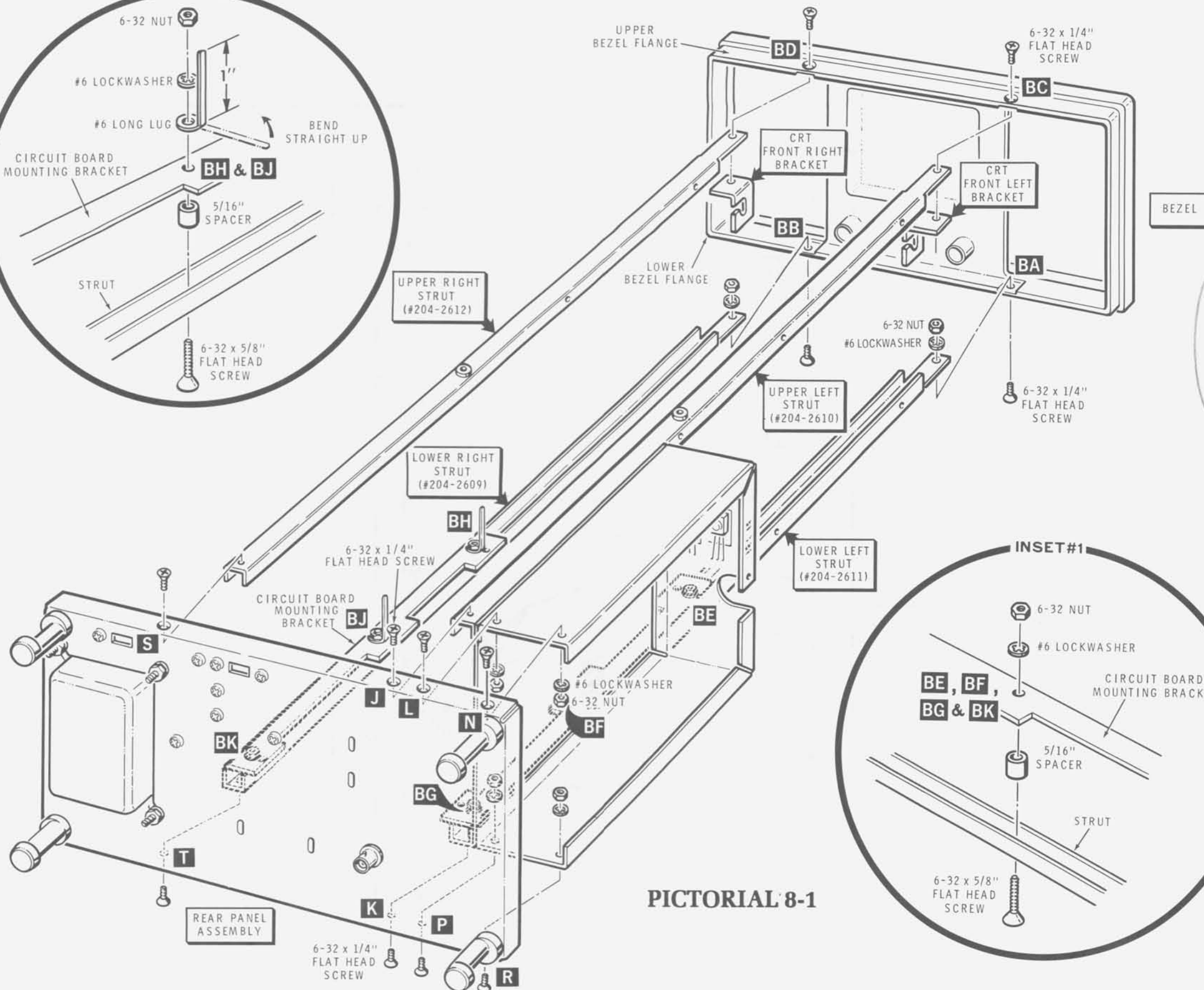
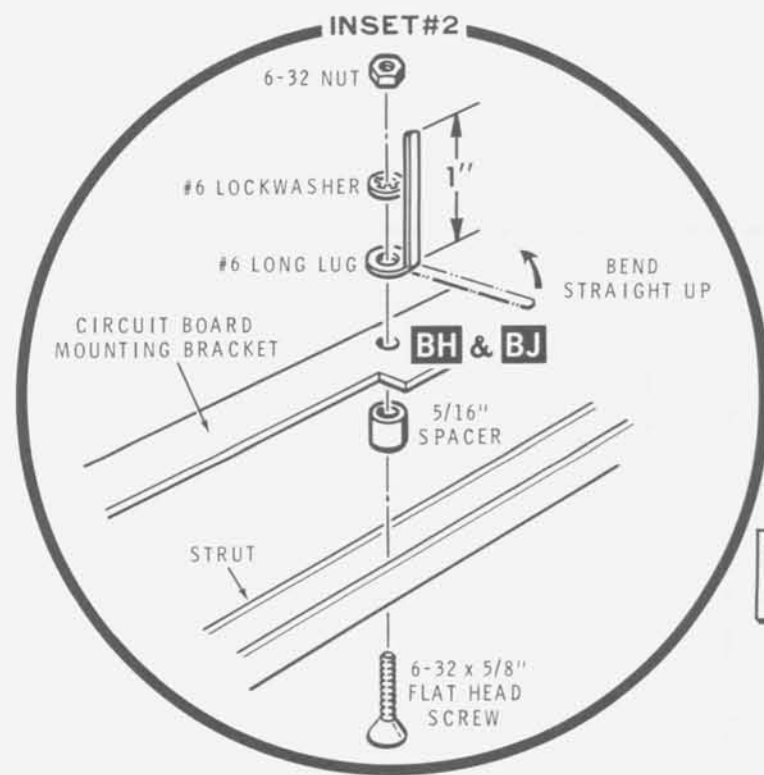
PICTORIAL 7-1



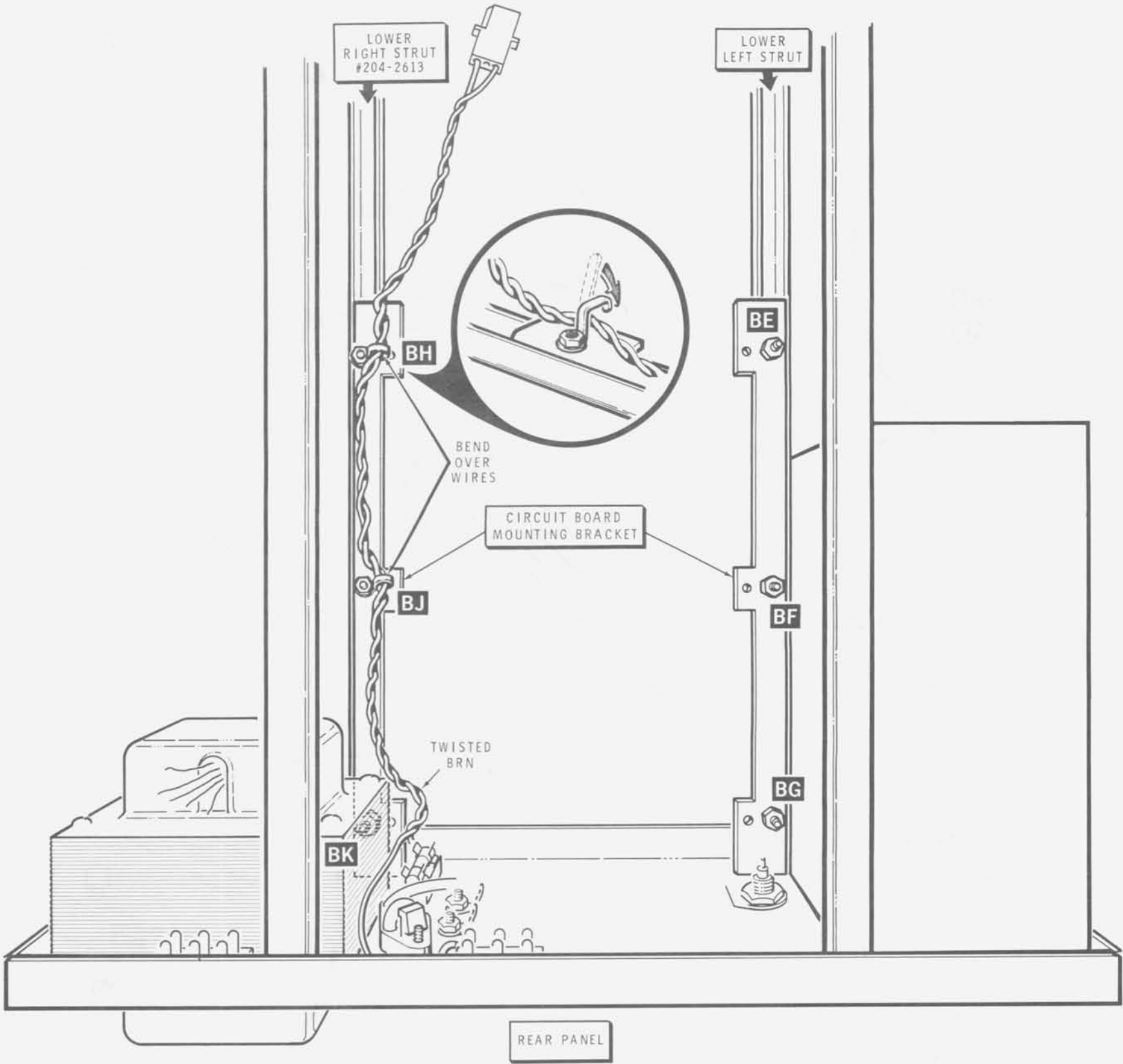
PICTORIAL 7-2



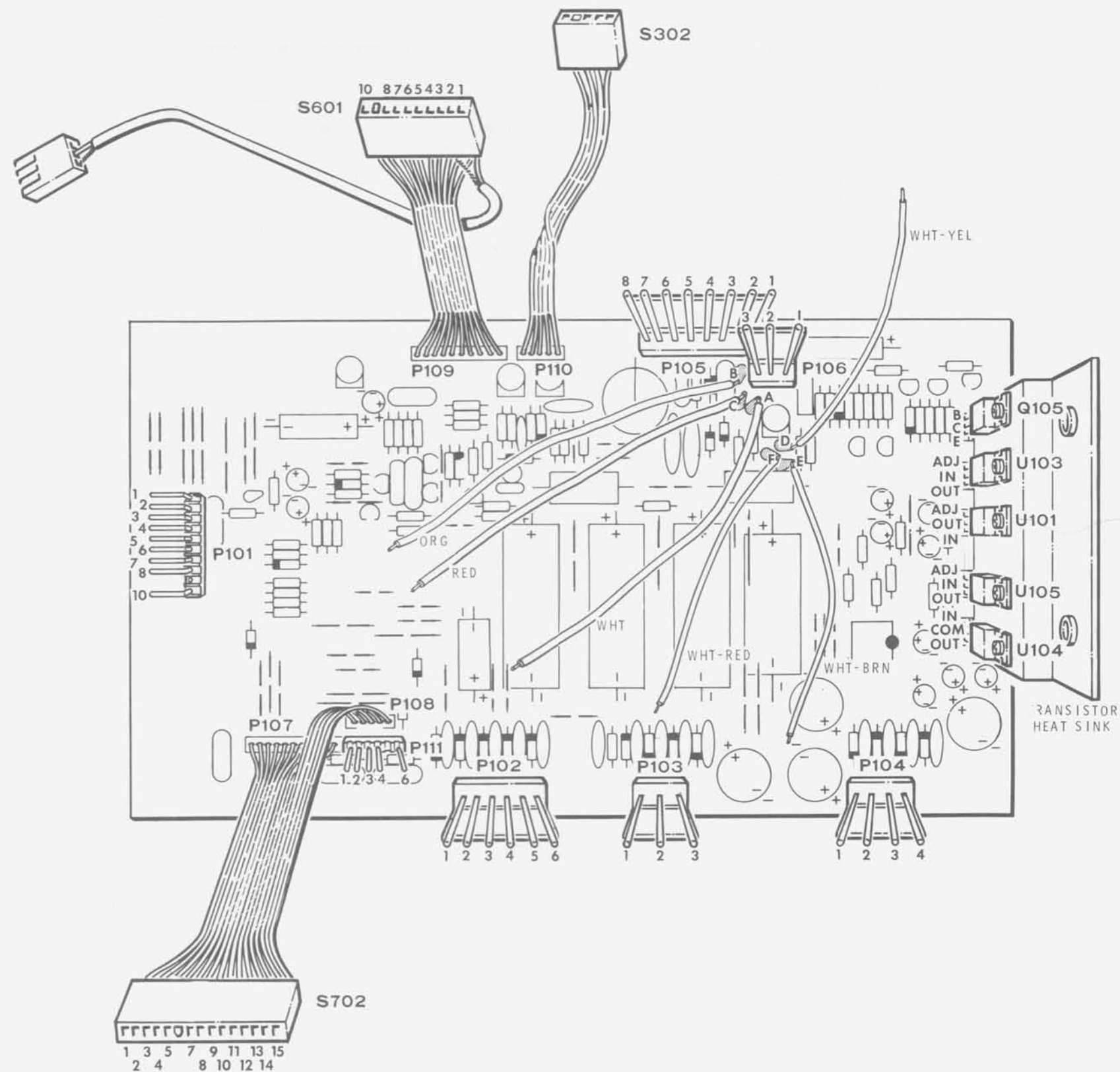
PICTORIAL 7-3



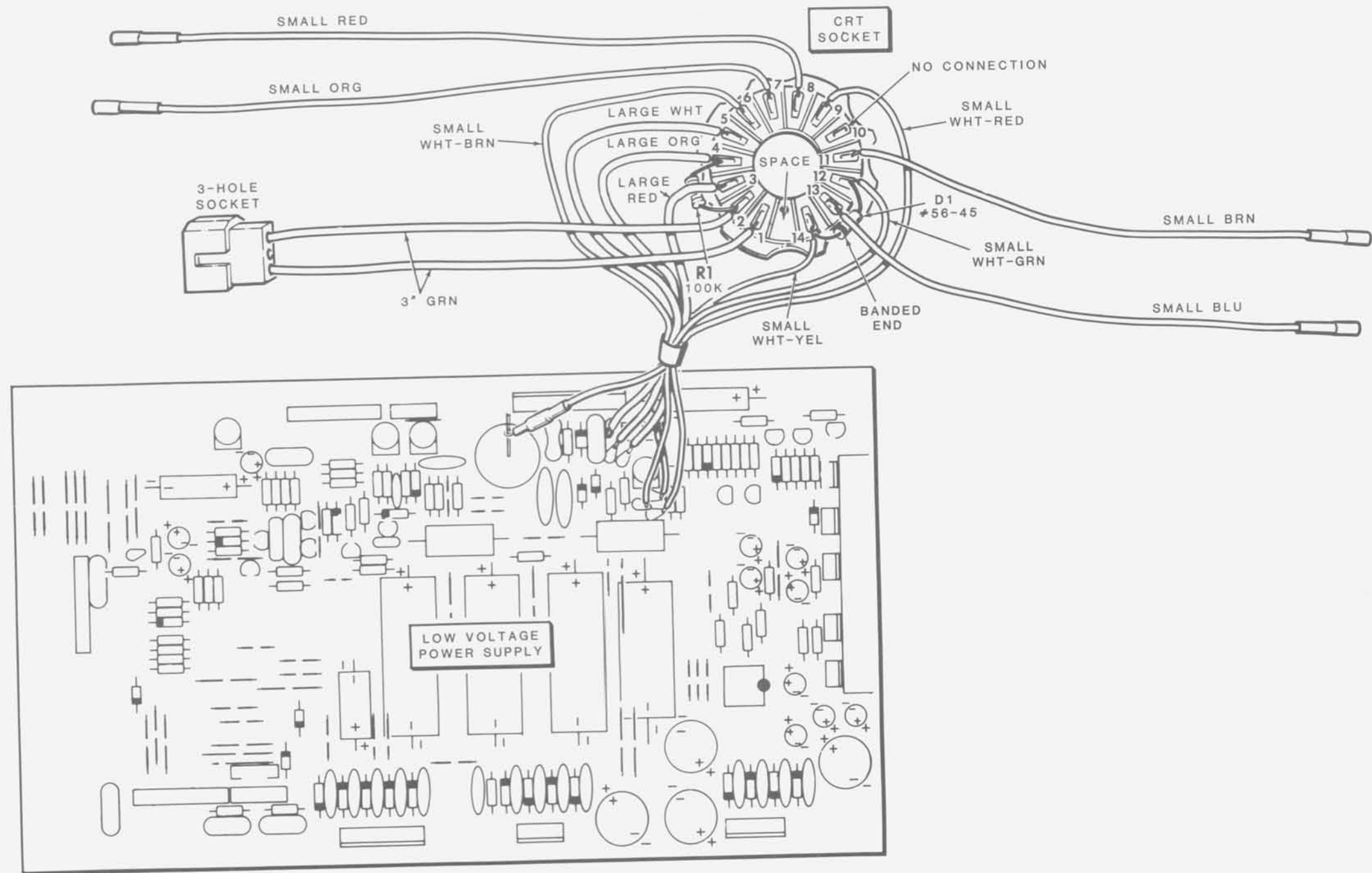
Change
Strut #s
2835 UR
36 LR
33 UL
34 LL
Location



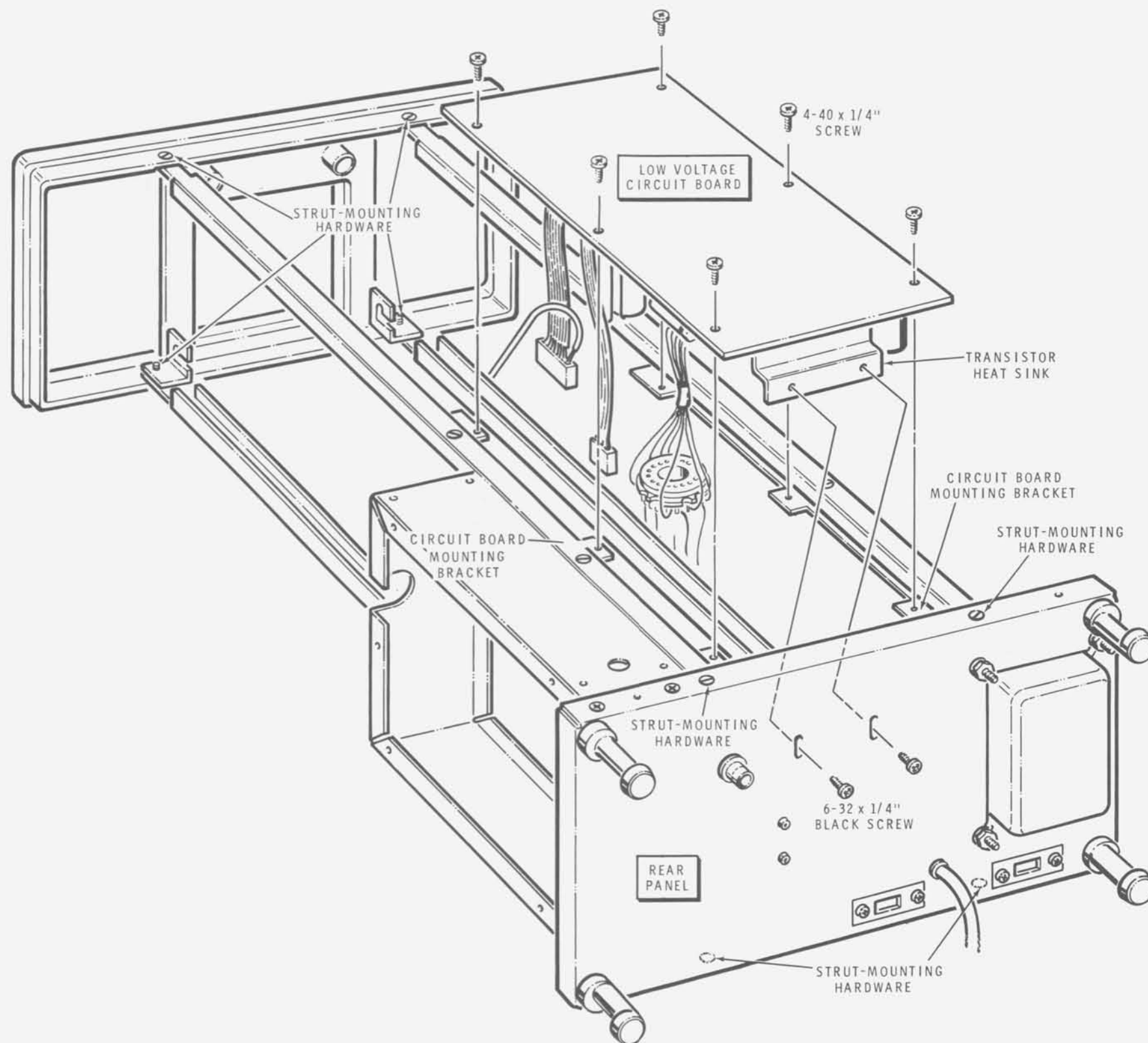
Detail 8-1C



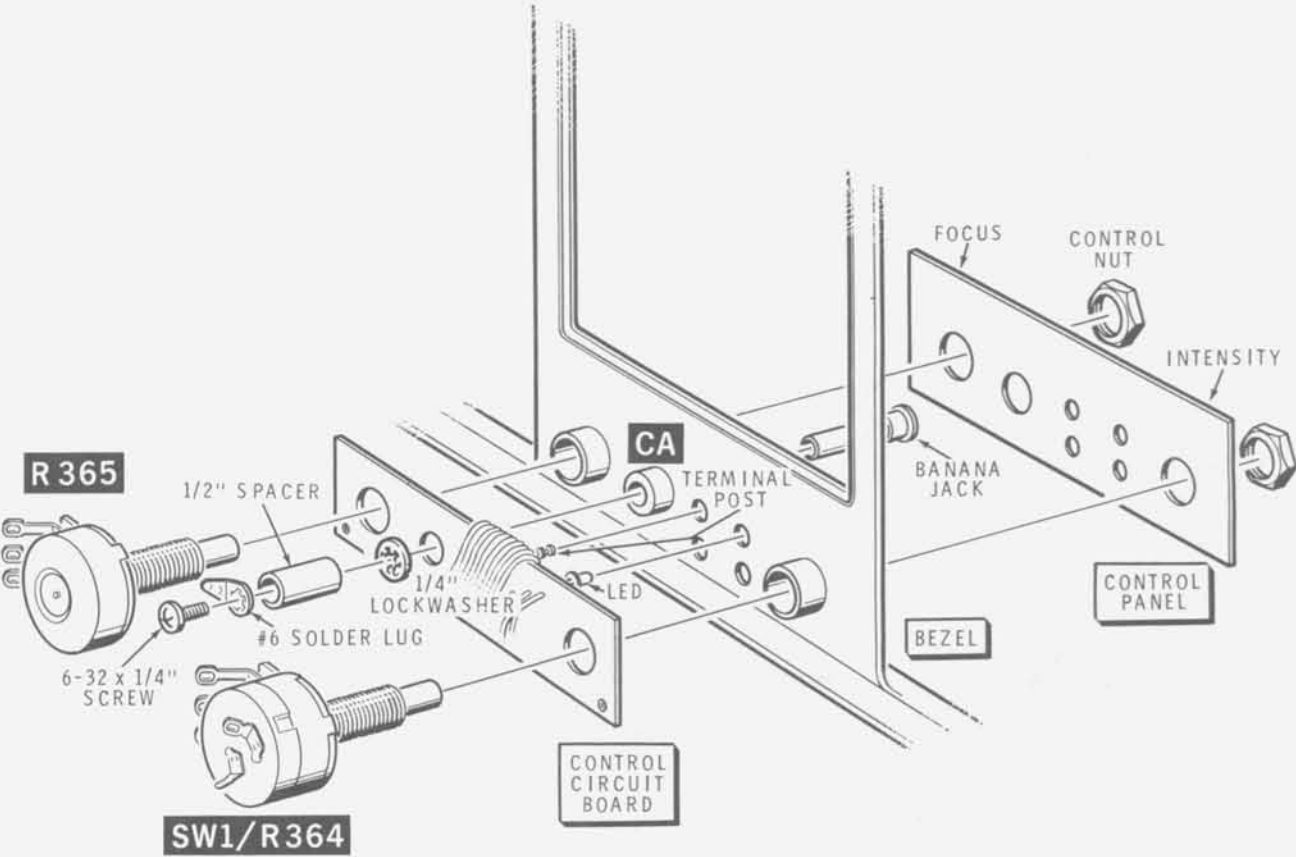
PICTORIAL 8-2



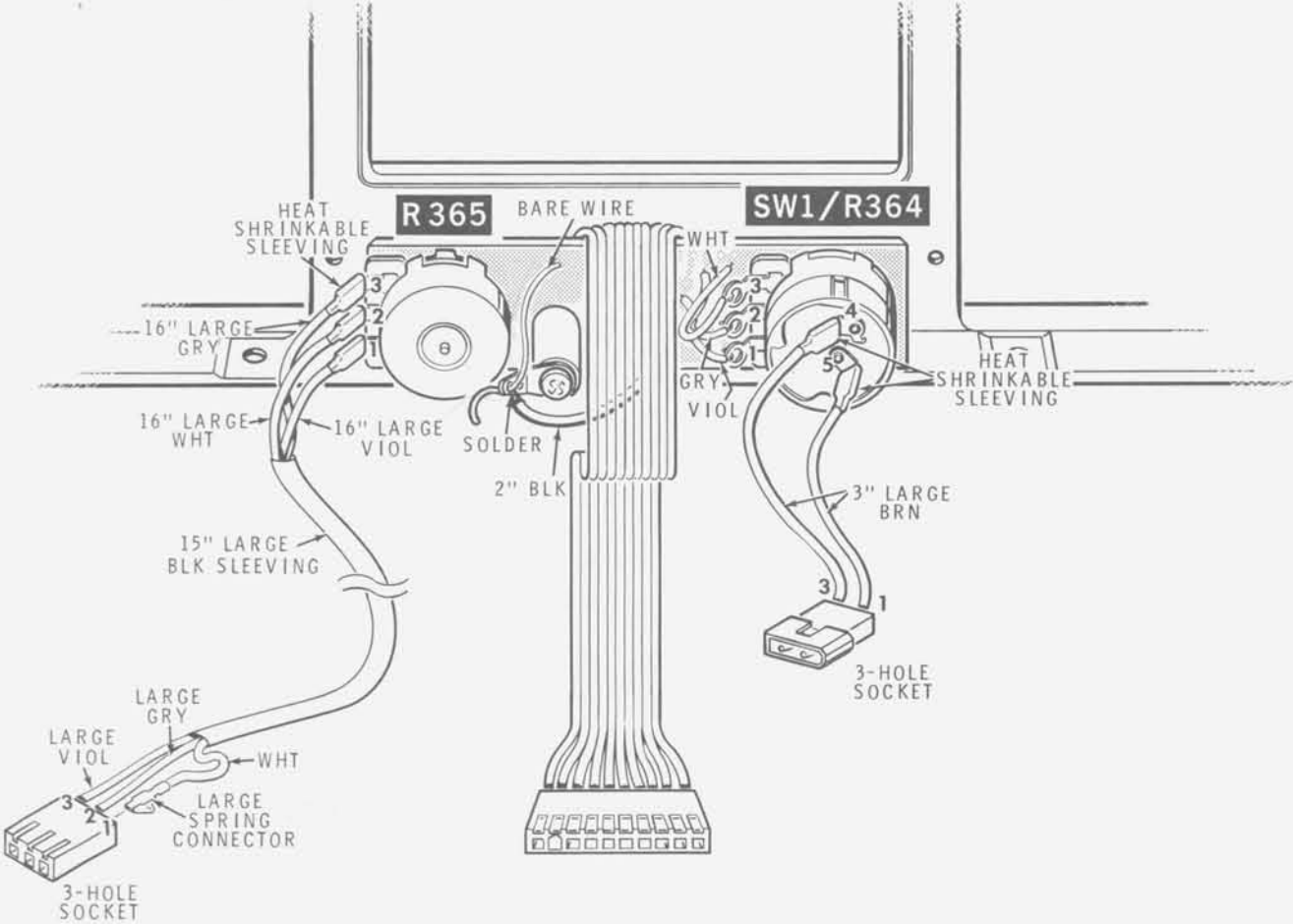
PICTORIAL 8-3



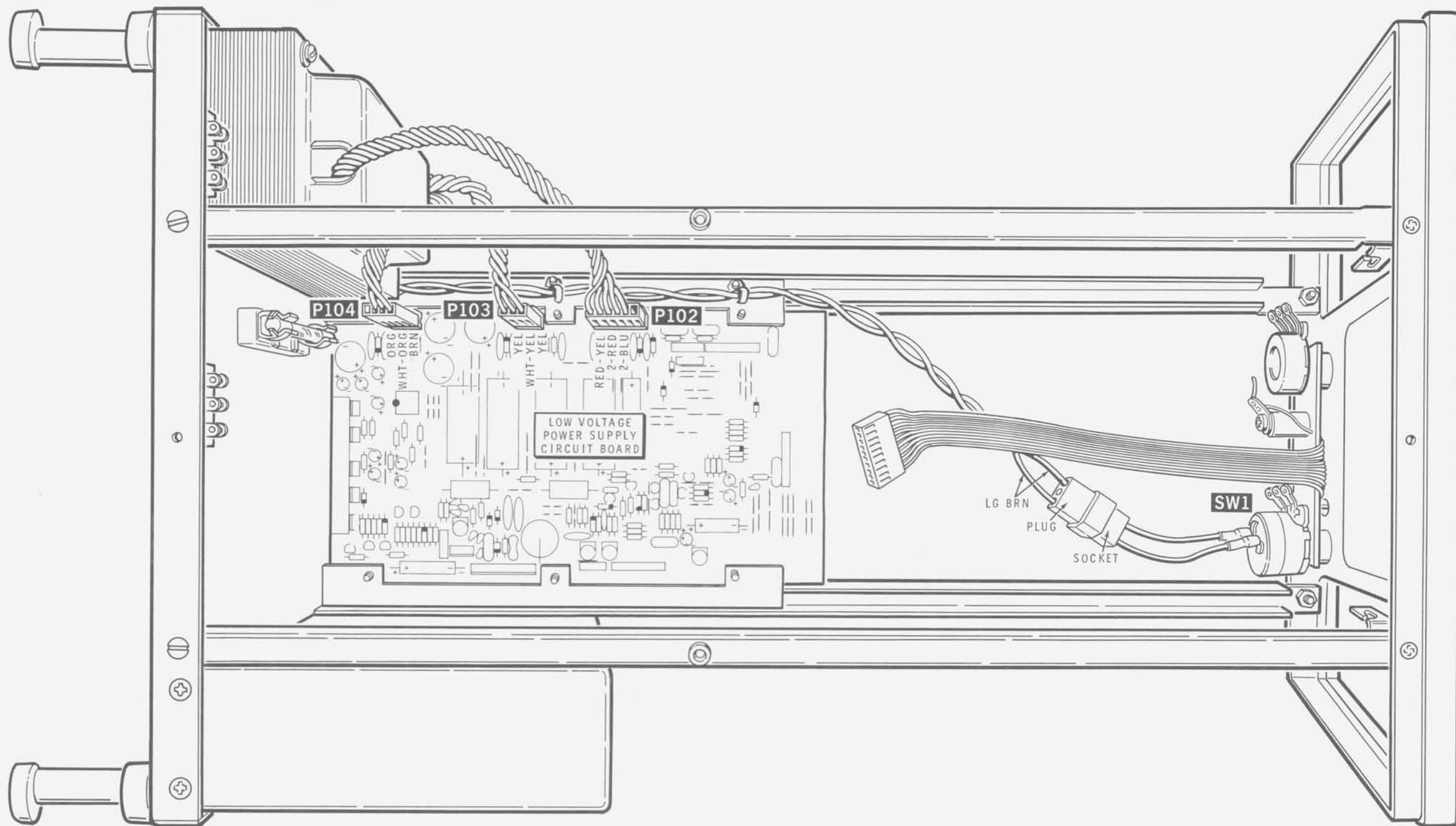
PICTORIAL 8-4



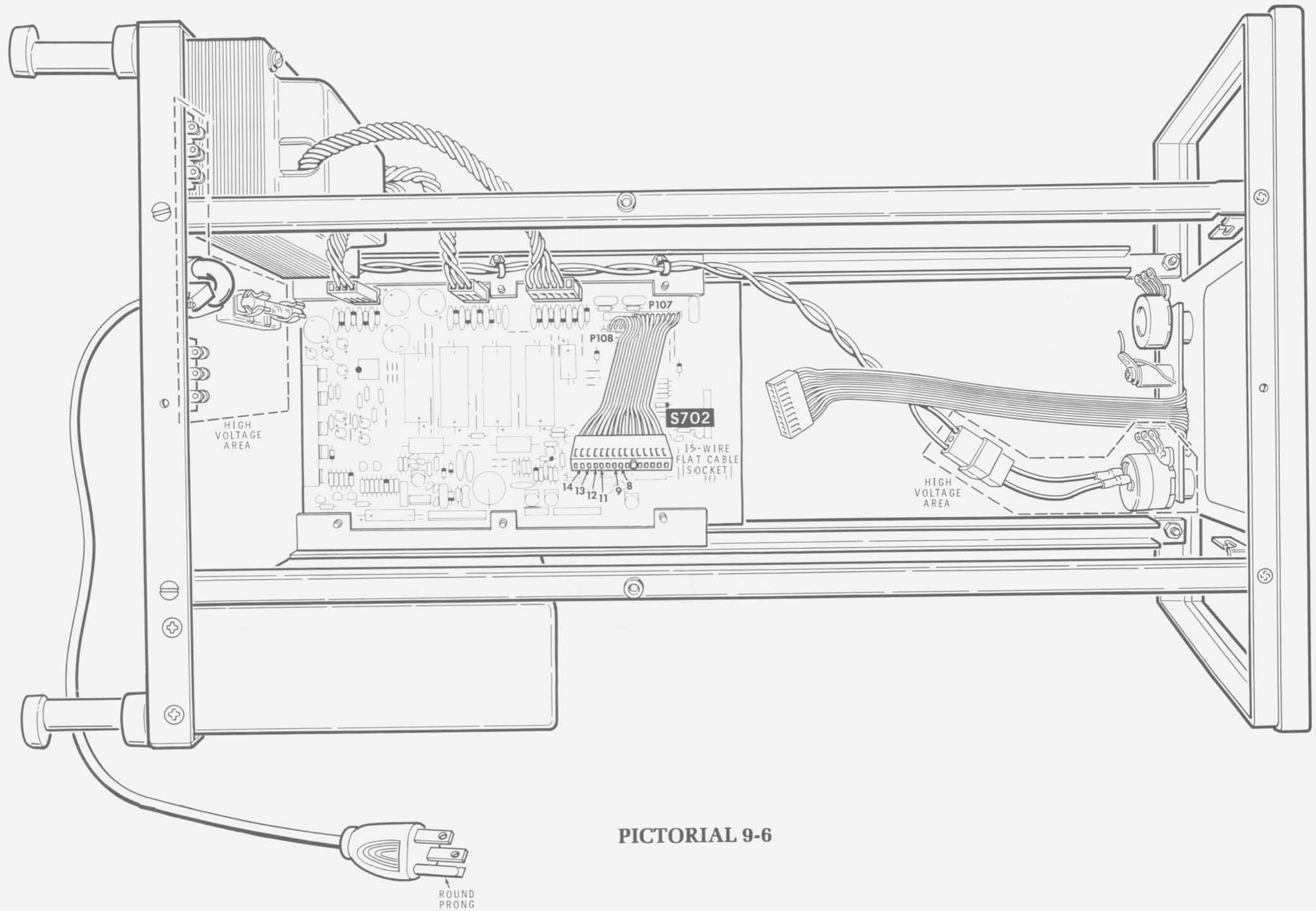
PICTORIAL 9-1



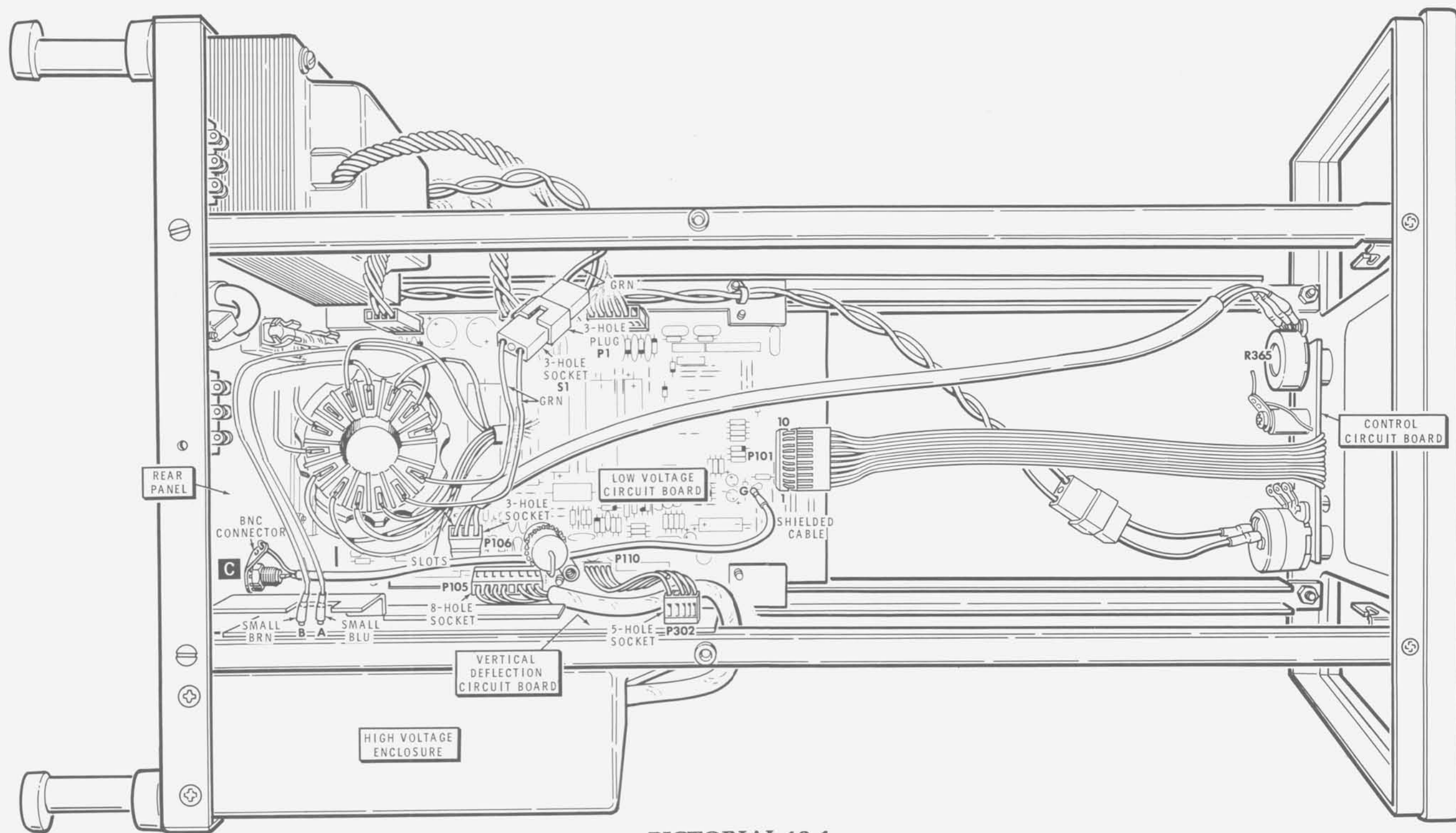
PICTORIAL 9-2



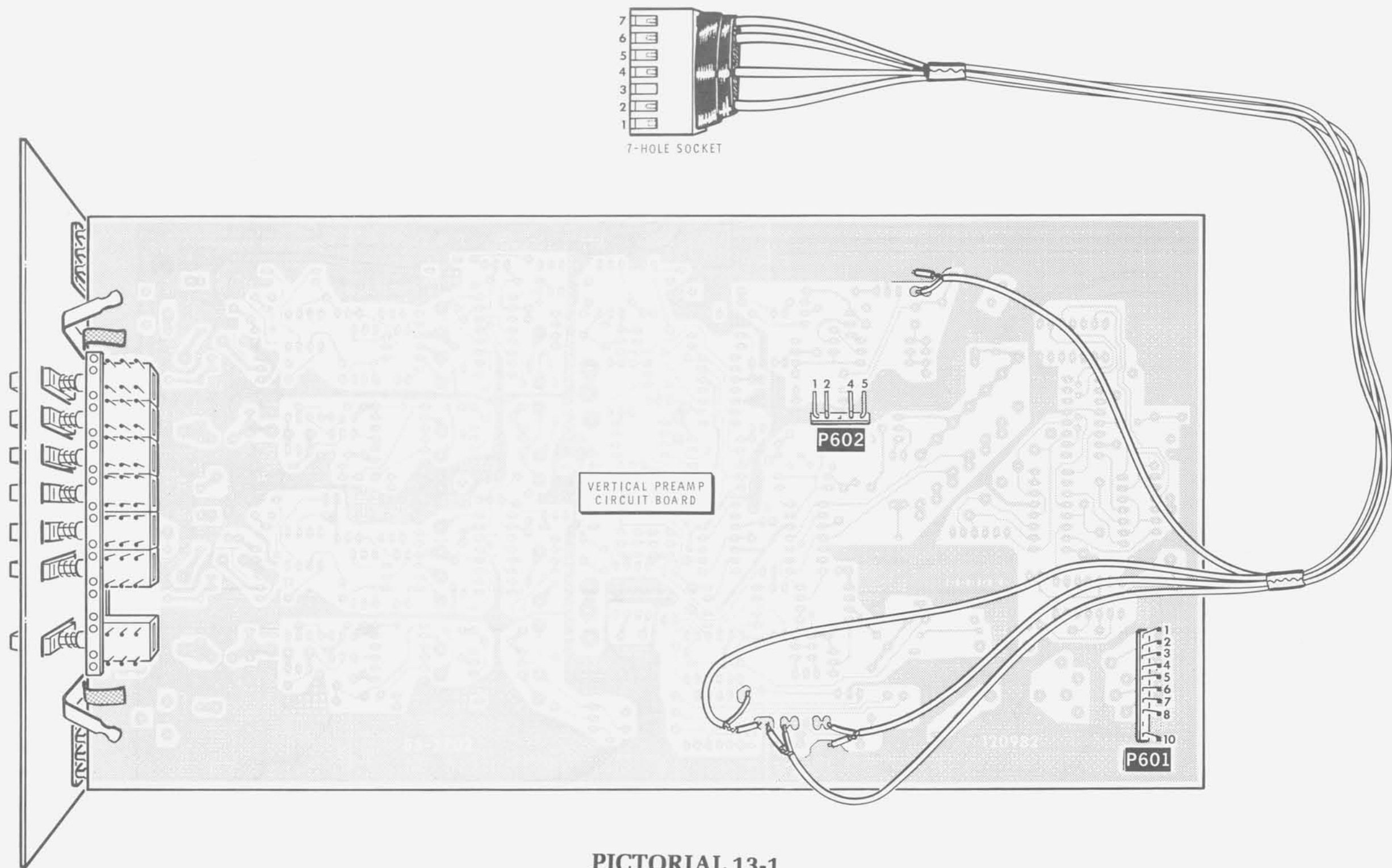
PICTORIAL 9-5

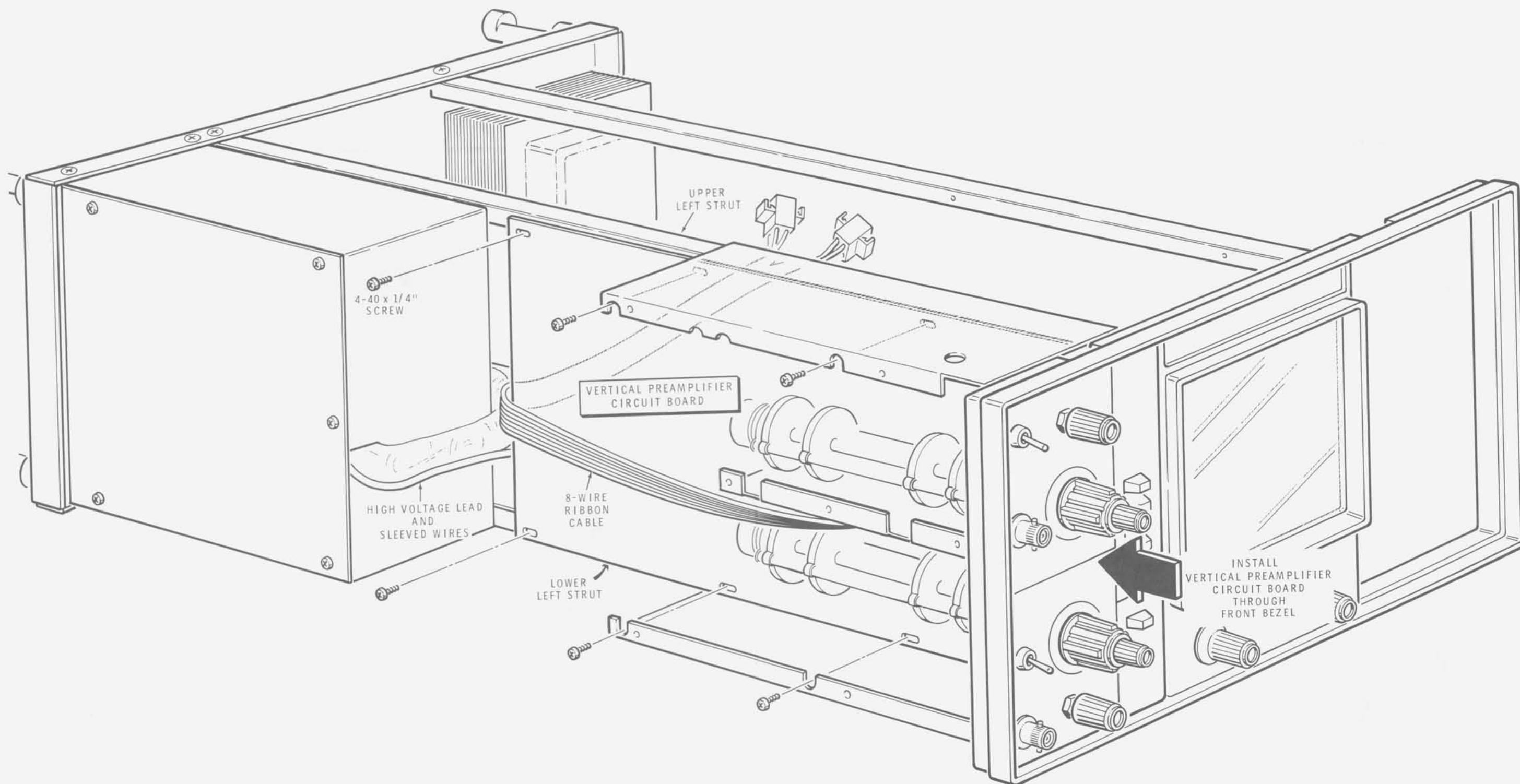


PICTORIAL 9-6

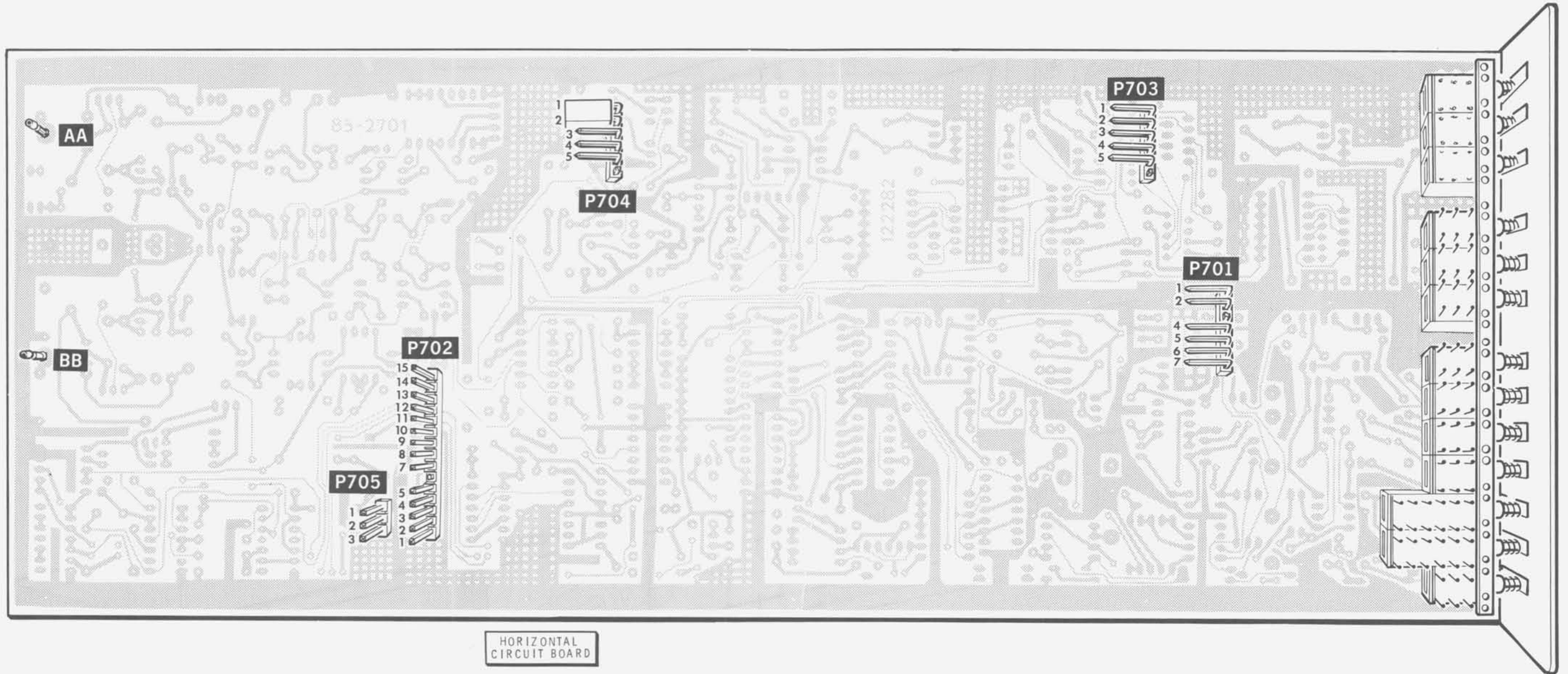


PICTORIAL 12-1

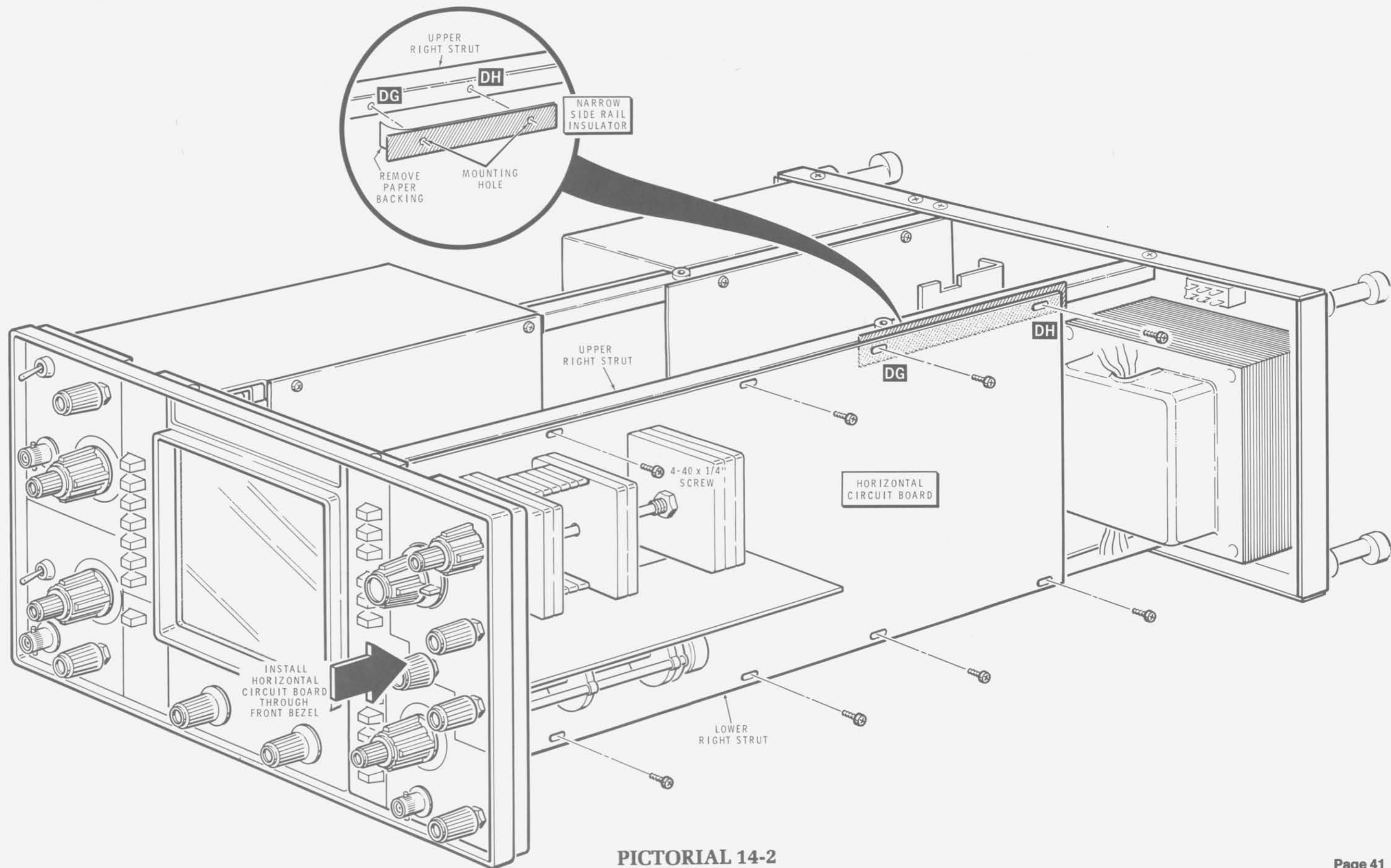


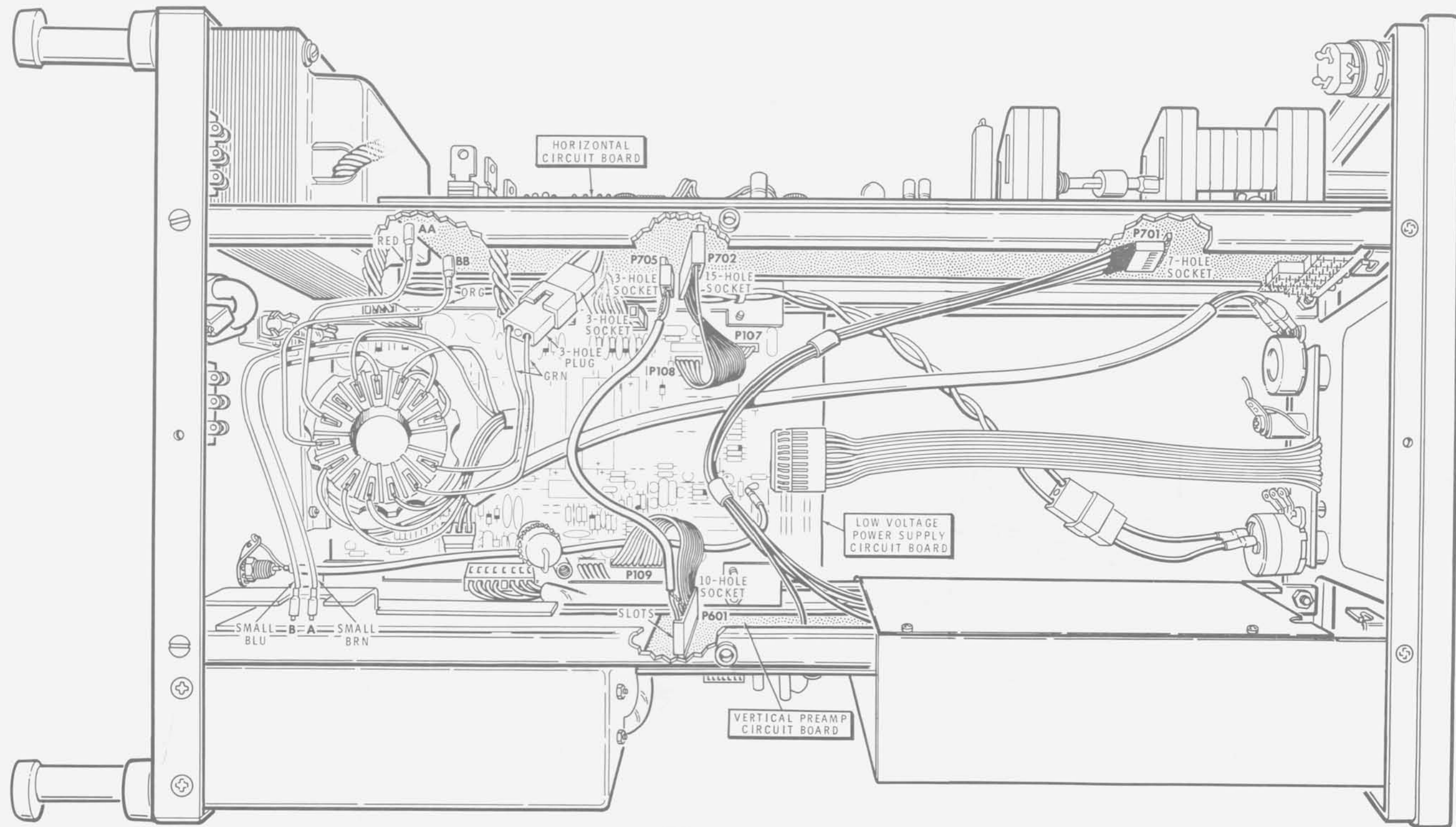


PICTORIAL 13-2

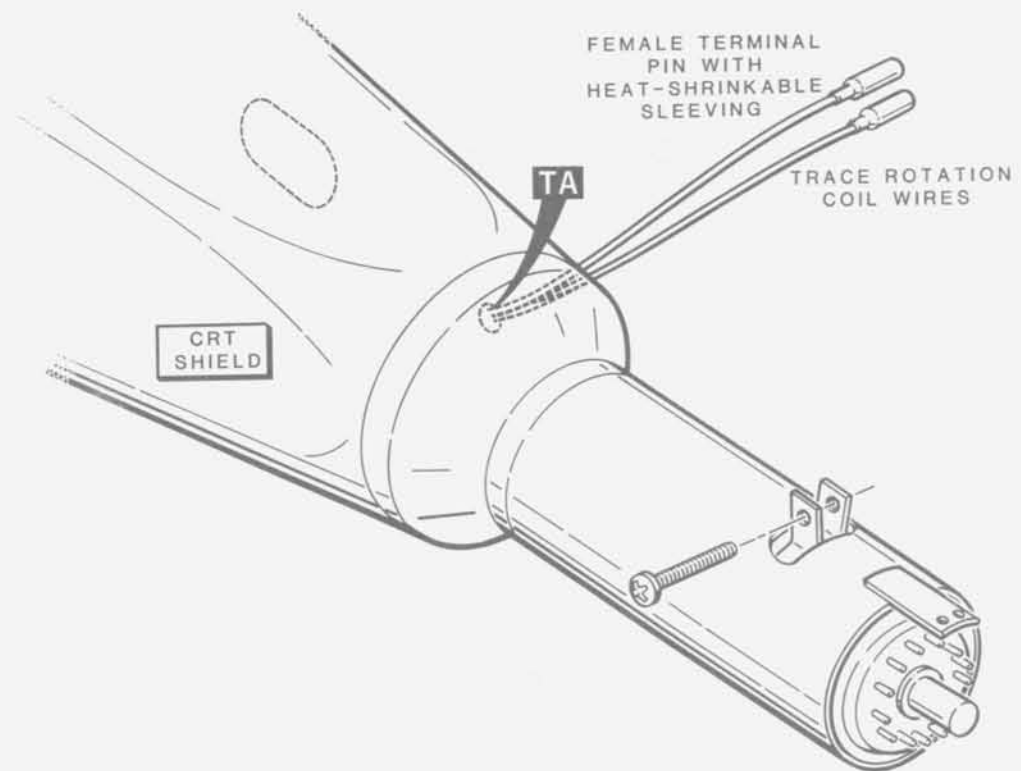


PICTORIAL 14-1

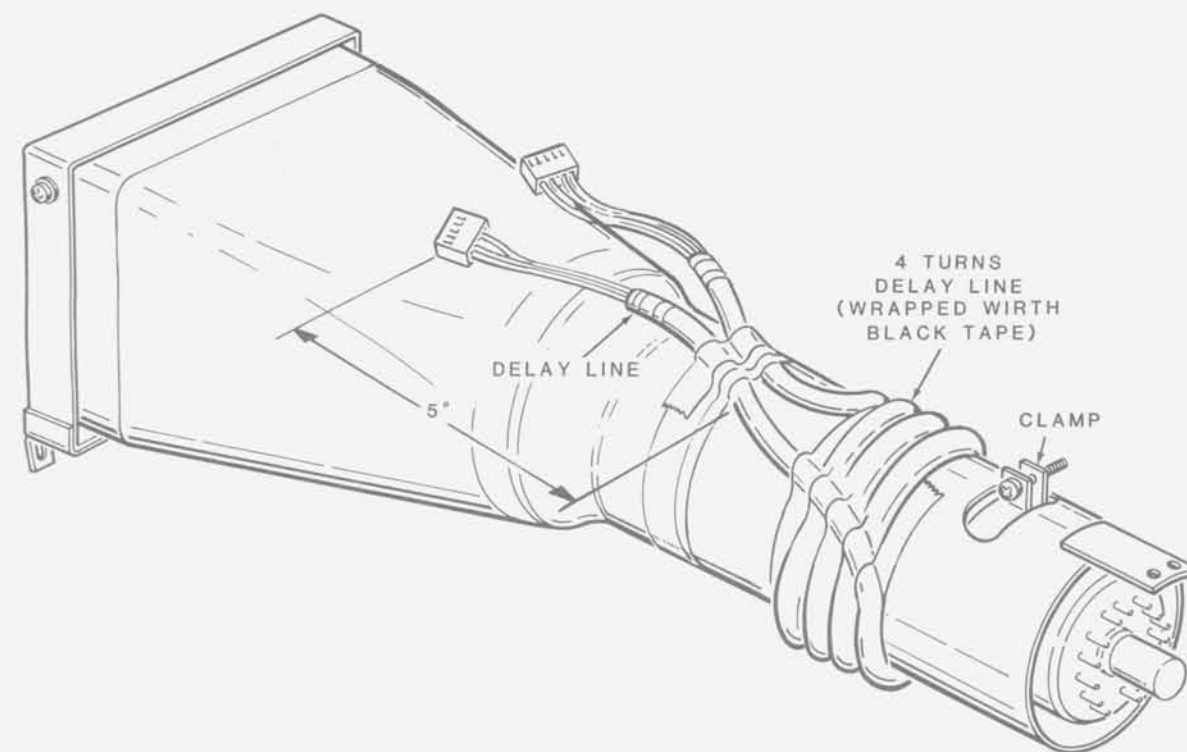




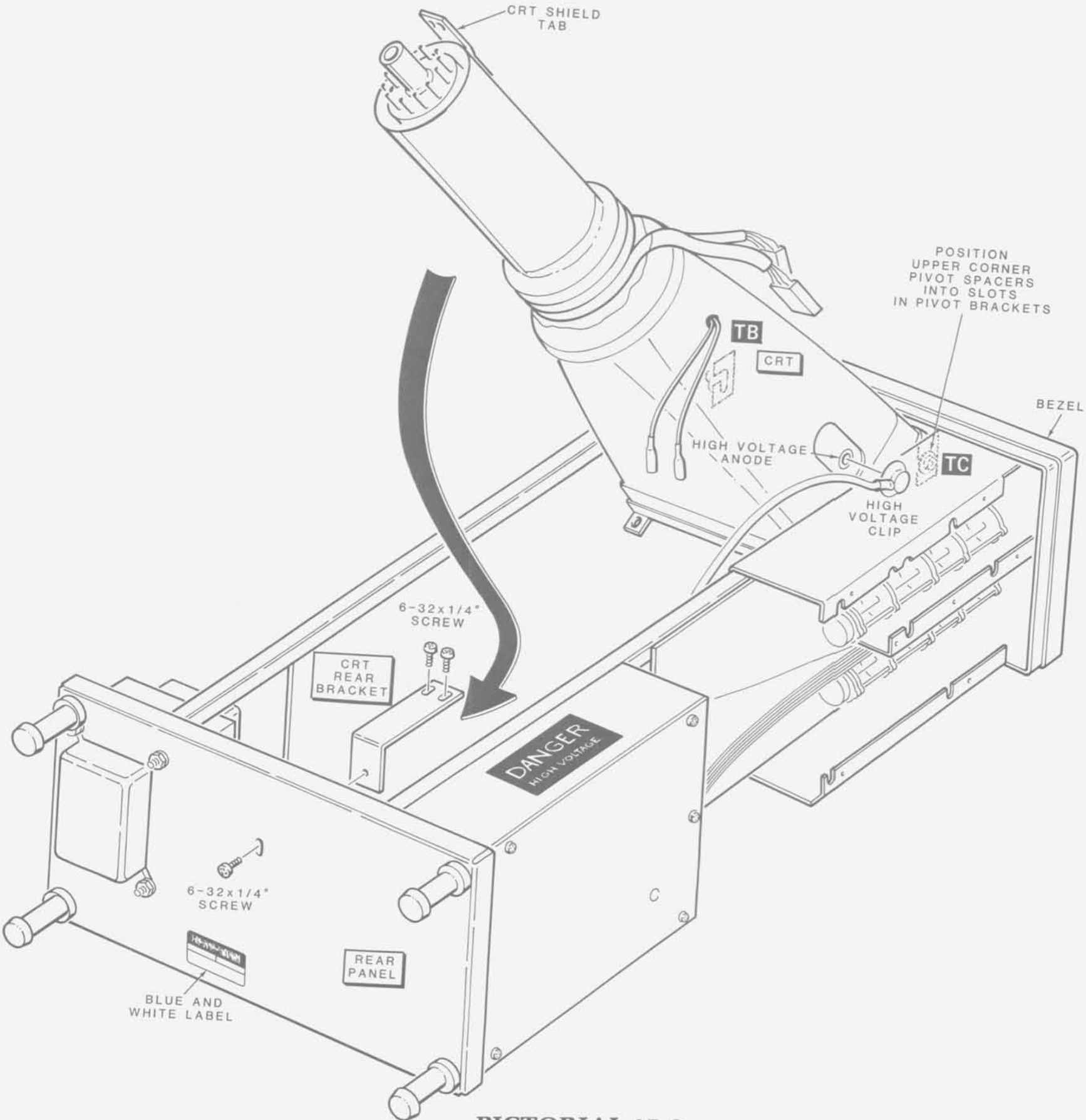
PICTORIAL 14-3



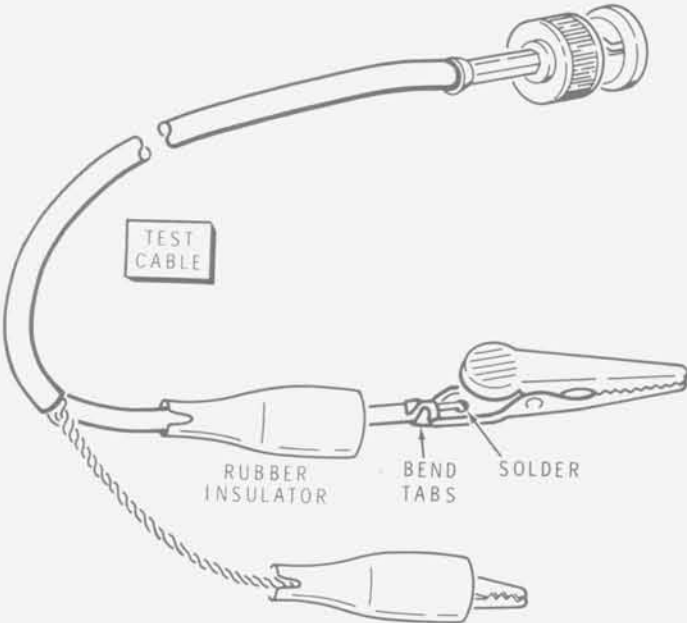
PICTORIAL 15-1



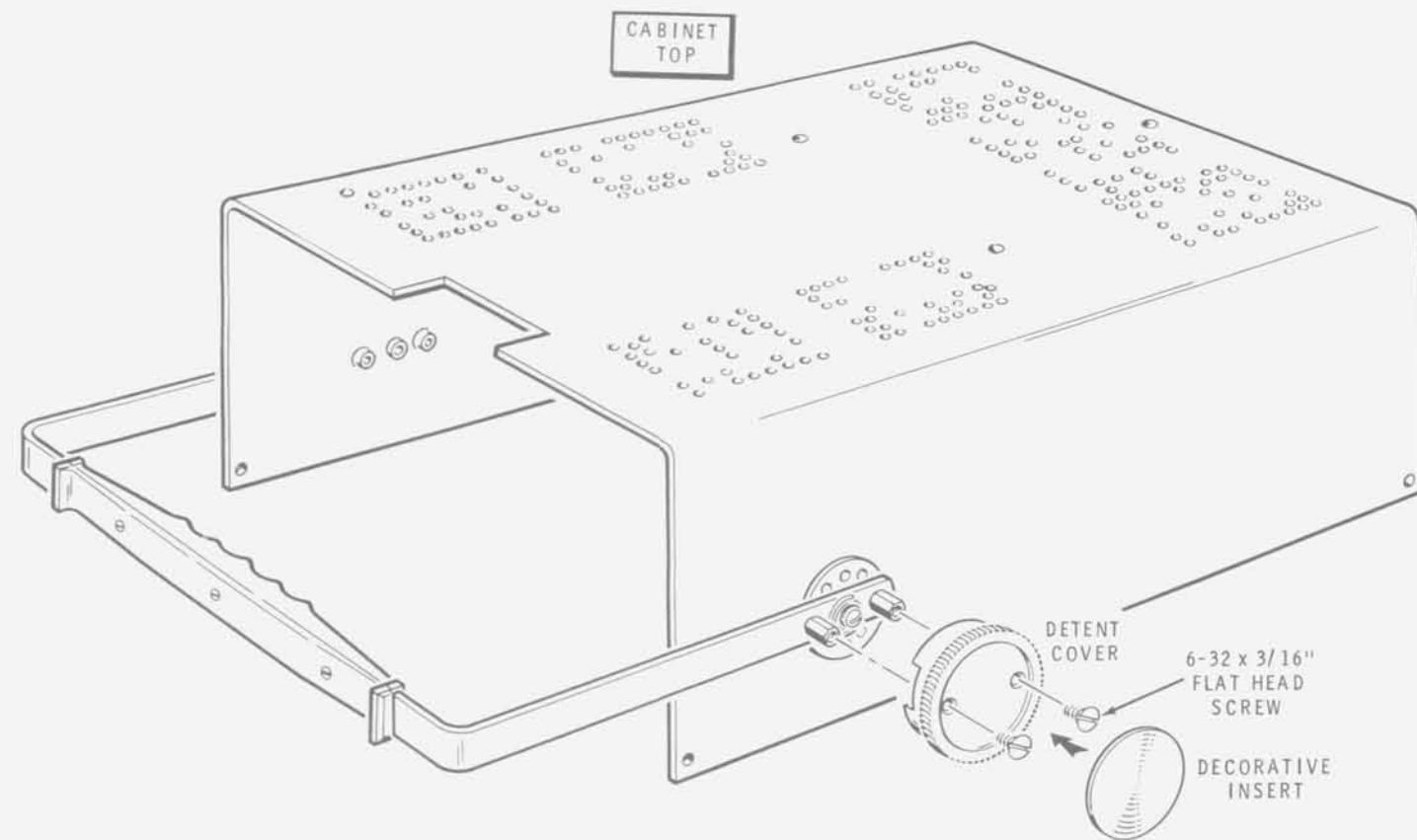
PICTORIAL 15-2



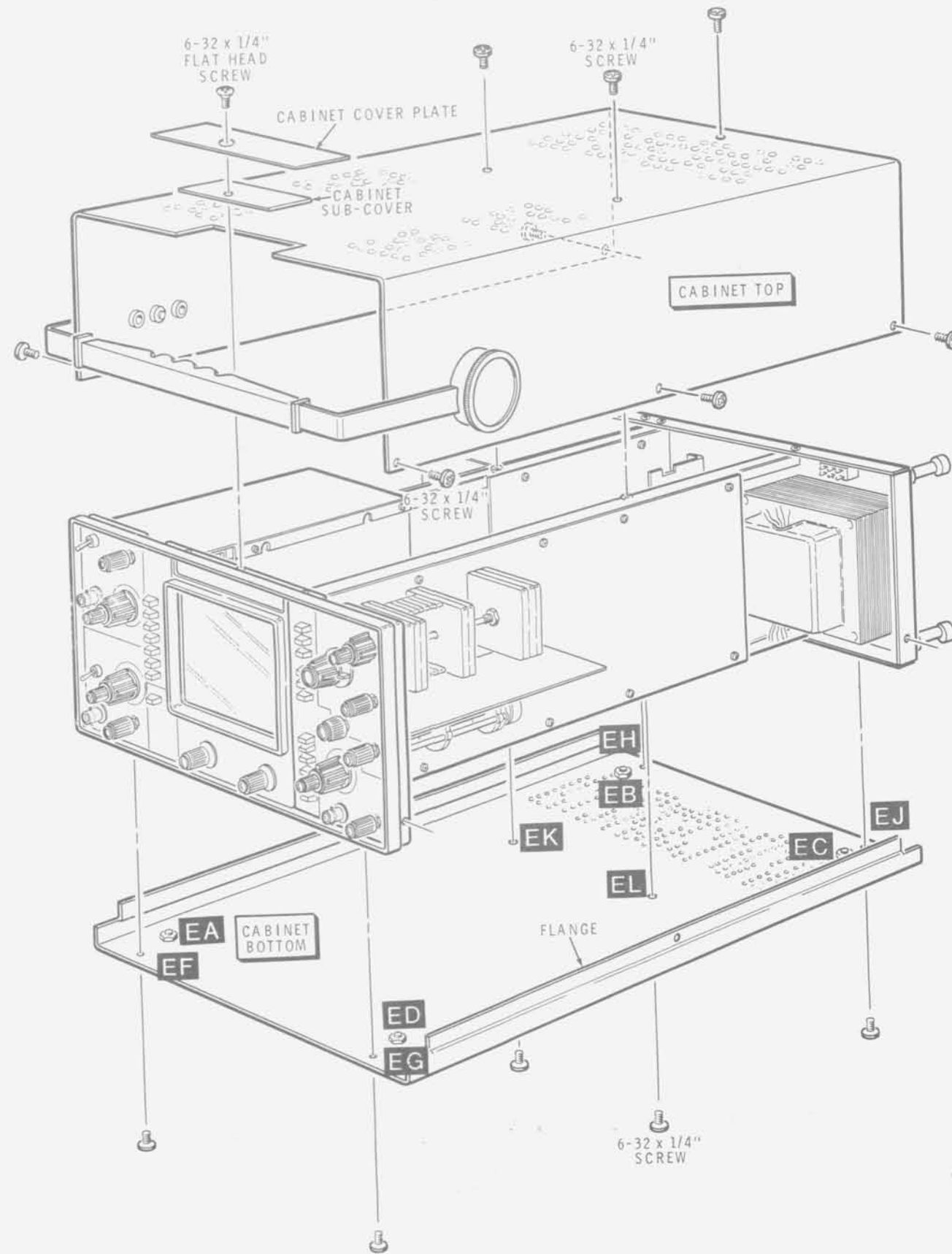
PICTORIAL 15-3



PICTORIAL 15-4



PICTORIAL 16-1



PICTORIAL 16-2

