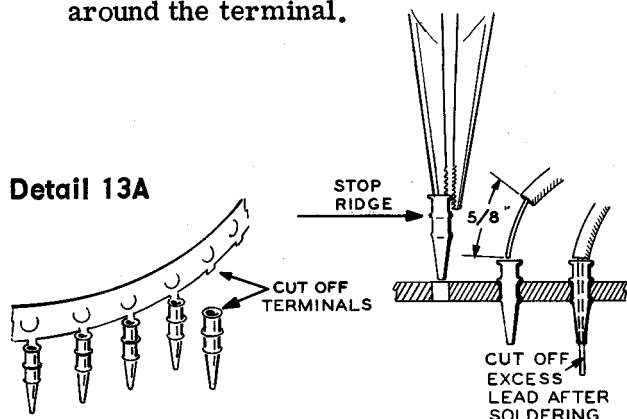


## CHASSIS WIRING-BOTTOM

Refer to Pictorial 13 for the following steps.

- (✓) Referring to Detail 13A, install solder terminals in the circuit board, from the foil side, at the forty-five numbered and lettered locations, except holes A, B, C, D, and V.

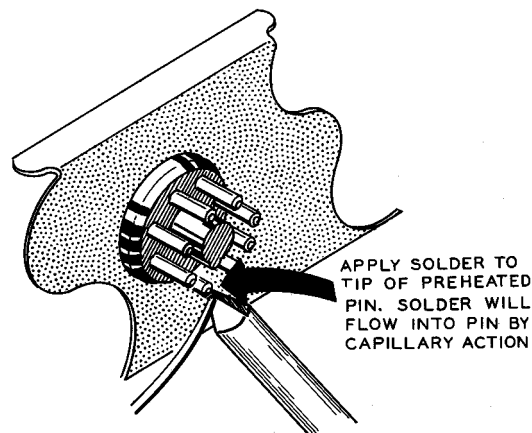
A small pair of long-nose pliers may be helpful in installing the terminals. Do not solder these terminals to the circuit board at this time. When soldering these terminals later, be sure that solder flows into and around the terminal.



**NOTE:** Use hookup wire for the following steps. Strip 5/8" insulation from the ends of the specified lengths of wire that connect to terminals, and 1/4" insulation from the other wires.

- (✓) Connect a 2" wire between points D in section 3B of the circuit board. Solder the wire directly to the foil and position the wire about 1/4" away from the board.
- (✓) Connect one end of a 2" wire to terminal J in section 5A (S-1). The other end will be connected later. Be sure to solder the terminal to the circuit board foil when soldering the wire to the terminal.
- (✓) Connect one end of a 6" wire to terminal H in section 4A (S-1). Pass the other end through grommet AA to be connected later.
- (✓) Connect a 3" wire from terminal S in section 5C (S-1) to lug 2 of the Rcvr socket (NS).
- (✓) Connect a 6-3/4" wire from terminal T in section 5C (S-1) to lug 3 of the Final Bias control (S-1).

- (✓) Connect a 5" wire from terminal R in section 4C (S-1) to lug 2 of the Final Bias control (S-1).
- (✓) Connect a 4-1/2" wire from terminal Q in section 4C (S-1) to lug 1 of the Final Bias control (S-1).
- (✓) Connect a 5-1/2" wire from terminal U in section 4C (S-1) to pin 1 of the Power plug (S-1).



**Detail 13B**

- (✓) Connect a 2" wire from lug 2 of the Power plug (S-1) to lug 1 of the Rcvr socket (NS).
- ( ) Connect a 2-1/2" wire from lug 2 of the Tune Level control (S-1) to solder lug AD (NS).
- (✓) Connect a 1-1/2" wire from terminal M in section 1C (S-1) to lug 2 of the Mic Gain control (S-1). Position the wire as shown.
- (✓) Connect a 2-1/2" wire from terminal L in section 2C (S-1) to lug 3 of the Mic Gain control (S-1).
- (✓) C15. Connect a .02  $\mu$ fd disc capacitor from lug 1 of the Mic Gain control (NS) to solder lug AD (NS). Position the capacitor as shown.
- (✓) C10. Connect a .005  $\mu$ fd disc capacitor from lug 2 of the Mic connector (NS) to solder lug AD (NS). Use sleeving on both leads.
- (✓) R13. Connect a 1 megohm resistor (brown-black-green) from terminal 1 in section 1C (NS) to lug 1 of the Mic Gain control (S-2). Use sleeving on the lead to the control.