

- ☒ R-18, 1.5K resistor (brown, green, red). Connect one lead to terminal 1 of TS-14. Connect the other lead to terminal 2 of TS-14.
- ☒ Green-white wire. Connect one end to terminal 3 of TS-14. Route the wire as shown and insert the other end through the cutout in the chassis.
- ☒ Violet wire. Solder one end to terminal 8 of J-2 (2 wires). Solder the other end to terminal 2 of C-48 (2 wires).
- ☒ R-39, 8.2K, 2 watt resistor (gray, red, red). Solder one lead to terminal 3 of J-1. Connect the other lead to terminal 4 of J-1.
- ☒ Gray wire. Solder one end to terminal 4 of J-1 (2 wires). Solder the other end to pin 3 of V-8. (3 wires).
- ☒ Green-white wire. Solder one end to terminal 1 of TS-6 (3 wires). Connect the other end to terminal 1 of TS-1.
- ☒ C-50, .02 μ f disc capacitor. Solder one lead to pin 6 of V-1 (2 wires). Solder the other lead to ground lug C of V-1 (2 wires).
- ☒ C-9, .005 μ f disc capacitor. Connect one lead to pin 8 of V-1. Solder the other lead to ground lug A of V-1 (2 wires).
- ☒ R-2, 1.5K resistor (brown, green, red). Slip a $\frac{3}{4}$ " piece of small tubing over one lead of R-2 and solder this lead to pin 8 of V-1 (2 wires). Connect the other lead to terminal 3 of TS-15.
- ☒ Yellow wire. Connect one end to pin 2 of V-1. Solder the other end to terminal 6 of S-3B.
- ☒ C-10, 750 μ f electrolytic capacitor. Slip a $\frac{3}{4}$ " piece of small tubing over each lead of C-10. Solder one lead to pin 2 of V-1 (3 wires). Connect the other lead to pin 1 of V-1.
- ☒ R-5, 39K resistor (orange, white, orange). Solder one lead to pin 3 of V-2. Solder the other lead to terminal 1 of TS-8 (2 wires).
- ☒ R-4, 1K, 1 watt resistor (brown, black, red). Connect one lead to terminal 4 of TS-9. Solder the other lead to terminal 1 of TS-9 (6 wires).
- ☒ Blue wire. Solder one end to terminal 4 of TS-9 (6 wires). Solder the other end to pin 9 of V-3 (2 wires).
- ☒ Yellow wire connected to terminal 10 of S-2D. Place a $3\frac{1}{2}$ " piece of large tubing over the wire. Insert the free end through the grommet shown.
- ☒ Two pin jacks. Mount each jack with a nut as shown in Figure 16.
- ☒ Gray wire. Solder one end to J-6. The other end will be connected later.
- ☒ Violet wire. Solder one end to J-5. The other end will be connected later.

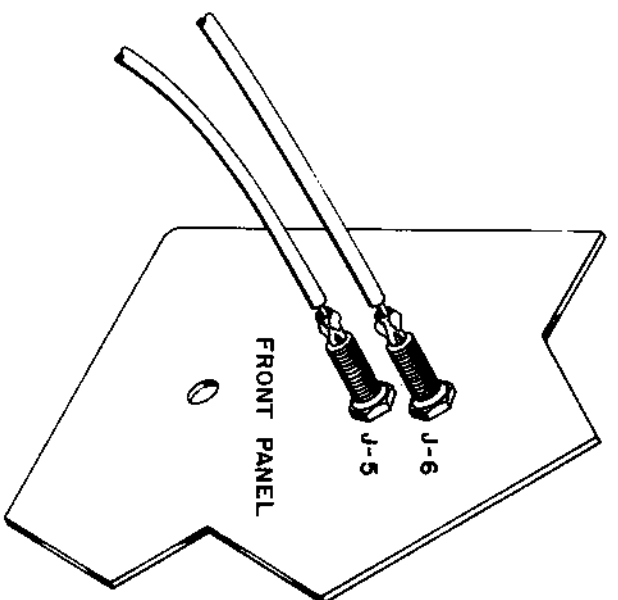


FIGURE 16. PIN JACK MOUNTING

- ☒ Gray wire from J-6. Connect the free end to terminal 2 of TS-9.
- ☒ Violet wire from J-5. Solder the free end to terminal 8 of S-3B.
- ☒ C-38, .02 μ f disc capacitor. Connect one lead to terminal 3 of J-4. Connect the other lead to terminal 1 of J-4.
- ☒ R-21, 2.2K, 2 watt resistor (red, red, red). Solder one lead to terminal 3 of J-4 (3 wires). Connect the other lead to terminal 1 of J-4.
- ☒ 12" red-white wire. Solder one end to terminal 2 of J-4. Solder the other end to terminal 4 of J-2.
- ☒ Red wire. Solder one end to pin 7 of V-4. Solder the other end to terminal 2 of R-23.
- ☒ Red wire. Solder one end to ground lug C of V-4. Solder the other end to terminal 3 of R-23 (2 wires).
- ☒ Red wire. Solder one end to pin 1 of V-5. Connect the other end to terminal 1 of TS-1.