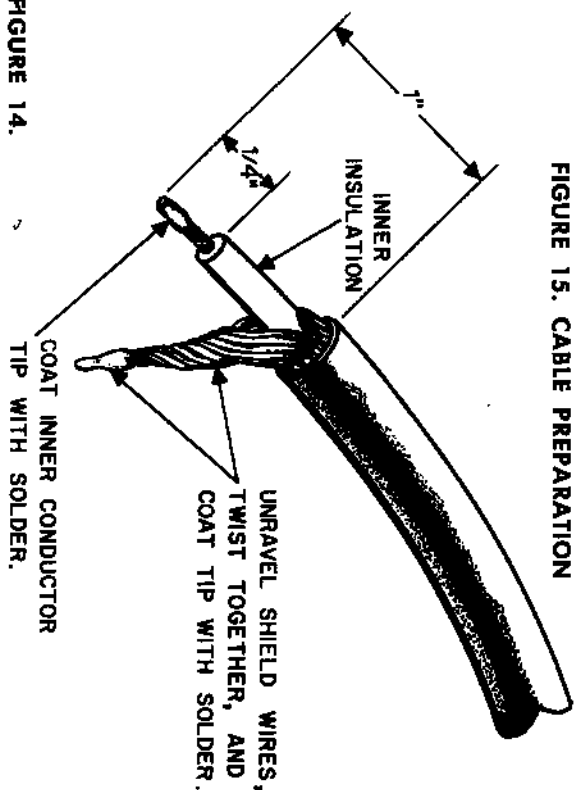


FIGURE 15. CABLE PREPARATION



SEE FIGURE 14.

- ☒ L-24, the small parasitic suppressor. Note that there are two large and one small resistor wrapped with several turns of wire. These are the parasitic suppressors. The small one, wound on a  $\frac{1}{2}$  watt resistor, is L-24. Solder one lead to pin 7 of V-3. Solder the other lead to the lead from L-10.
- ☒ C-19, .005  $\mu$ f disc capacitor. Solder one lead to ground lug A of V-3, (3 wires). Connect the other lead to terminal 1 of TS-10.
- ☒ R-7, ~~33K~~ <sup>33K</sup> resistor (brown, black, yellow). Connect one end to pin 2 of V-3. Connect the other lead to terminal 1 of TS-10.
- ☒ Red wire from S-2A. Solder the free end to terminal 2 of C-16 (2 wires).
- ☒ Orange wire from S-2A. Connect the free end to terminal 2 of TS-10.
- ☒ C-17, .005  $\mu$ f disc capacitor. Solder one lead to pin 2 of V-3 (2 wires). Solder the other lead to terminal 2 of TS-10 (2 wires).
- ☒ R-8, 560 $\Omega$ , 5% resistor (green, blue, brown, gold). Solder one lead to terminal 1 of TS-10 (4 wires). Solder the other lead to terminal 3 of TS-10.
- ☒ C-53, .005  $\mu$ f disc capacitor. Solder one lead to pin 9 of V-4 (3 wires). Connect the other end to ground lug A of V-4.
- ☒ 4" piece of shielded cable. Prepare the ends as shown in Figure 15. Solder the inner conductor of one end to pin 2 of V-4. Solder the shield wire to ground lug A of V-4 (2 wires). Connect the inner conductor of the other end to terminal 2 of TS-11. Connect the shield wire to terminal 1 of TS-11.

- ☒ 1 1/2" piece of the small bare wire. Insert the wire through pins 5, 4 and 3 of V-4 and solder to ground lug B of V-4. Solder pins 3, 4 and 5.
- ☒ R-25, 1.5K resistor (brown, green, red). Connect one lead to pin 8 of V-4. Connect the other lead to terminal 3 of R-23.
- ☒ Line cord. Insert the line cord through the grommet shown. Tie a knot in the cord 4" from the end. Split the two wires back 1" from the end. Solder either one of the wires to terminal 1 of the fuse holder. Solder the other wire to terminal 1 of TS-4 (3 wires).
- ☒ C-28, .001  $\mu$ f disc capacitor. Connect one lead to pin 3 of V-8. Connect the other lead to the solder lug mounted at the end of the socket.
- ☒ C-30, .005  $\mu$ f disc capacitor. Position the capacitor in the center of tube socket V-8 as shown. Insert one lead through pin 2 of V-8 and solder to the solder lug (2 wires). Solder pin 2 of V-8 (4 wires). Solder the other lead to pin 6 of V-8.
- ☒ C-25, .005  $\mu$ f disc capacitor. Position the capacitor in the center of tube socket V-7 as shown. Solder one lead to pin 6 of V-7. Insert the other lead through pin 2 of V-7 and solder to the solder lug.
- ☒ C-27, .001  $\mu$ f disc capacitor. Solder one lead to pin 3 of V-7 (2 wires). Solder the other lead to pin 2 of V-7 (5 wires).
- ☒ Blue wire. Solder one end to pin 1 of V-7 (2 wires). Solder the other end to terminal 4 of TS-10 (3 wires).
- ☒ R-12, 22K 2 watt resistor (red, red, orange). Connect one lead to terminal 1 of TS-3. Connect the other lead to terminal 3 of TS-3.
- ☒ Violet wire. Solder one end to terminal 3 of TS-3 (4 wires). Solder the other end to terminal 8 of S-4.
- ☒ L-7, coil (marked with a gray dot) and R-41, ~~33K~~ <sup>33K</sup> resistor (yellow, black, yellow). Solder R-41 across L-7 in the same manner R-40 was mounted to L-6. (See Figure 12). Solder one lead from L-7 to terminal 4 of S-2A (2 wires). Connect the other lead to terminal 1 of TS-8.
- ☒ L-8, black dot coil. Solder one lead to terminal 5 of S-2A. Connect the other lead to terminal 1 of TS-9.
- ☒ L-9, white dot coil. Solder one lead to terminal 6 of S-2A. Connect the other lead to terminal 1 of TS-9.
- ☒ C-22, 330  $\mu$ f mica capacitor. Solder one lead to terminal 3 of TS-8. Connect the other lead to terminal 1 of S-2C.
- ☒ Green wire. Solder one end to terminal 1 of S-2C (3 wires). Place a 4 1/4" piece of large tubing over the wire. Insert the other end through the grommet shown.
- ☒ TS-14, 3-terminal strip. Mount TS-14 in the remaining mounting hole of J-7. Use a 4-40 x 1/4" screw, lockwasher and nut.
- ☒ Tubing covered yellow wire from J-7. Solder the free end to terminal 9 of S-2D.
- ☒ R-17, the 4.7K resistor from J-7. Connect the free lead to terminal 1 of TS-14.