

WIRING THE METER SUB-PANEL

SEE FIGURE 4.

- ☒ Place the panel face down on a soft pad or cloth to protect the panel and meter face.
- ☒ Orange wire. Solder one end to terminal 2 of S-1. Solder the other end to terminal 3 of R-3.
- ☒ Orange wire. Solder one end to terminal 2 of R-3. Solder the other end to terminal 1 of the meter.
- ☒ Yellow wire. Solder one end to terminal 2 of the meter. Connect the other end to terminal 1 of R-3.
- ☒ 4' length of 2-conductor cable. This cable connects the pick-up unit to the meter unit. Use all or any desired length of the cable, depending on the location of the two units.
- ☒ Prepare the ends of the cable as shown in Figure 2. Connect the end of the cable having the longest shield lead as follows:

- ☒ Black lead. Solder to terminal 1 of S-1.
- ☒ Red lead. Solder to terminal 3 of S-1.
- ☒ Shield lead. Solder to terminal 1 of R-3 and the ground lug. (2 wires).

This completes the wiring of the meter sub-panel. Check all connections and soldering before continuing.

- ☒ Insert the other end of the shielded cable through the hole in the back of the meter case.
- ☒ Mount the meter sub-panel to the case with two rubber feet and two black self-tapping screws.
- ☒ Mount the remaining two feet with two black self-tapping screws in the other two holes on the meter case.
- ☒ Fasten the 2-conductor cable to the back of the case with one of the bushings as shown in Figure 3.

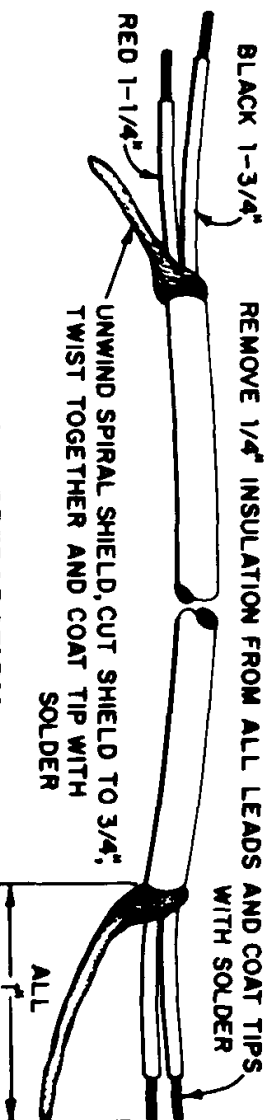


FIGURE 2. CABLE PREPARATION