

MOUNTING PARTS ON THE METER SUB-PANEL

UNPACKING

☐ If you are unfamiliar with electronic parts, we suggest that you check each part against the parts list in the rear of the manual. If you are unable to identify some of the parts, find their pictures on the wiring illustrations. As you check off the parts, sort them so they are readily available. You may find it advantageous to sort the hardware (screws, nuts, lockwashers, etc.) into suitable containers. This step will acquaint you with the various parts and thus simplify building.

HELPFUL CONSTRUCTION HINTS

This book uses some symbols to give the value of the parts. "Ω" means ohm, "K" means one thousand ohms, "meg" means one million ohms, μ f means microfarad and $\mu\mu$ f means micromicrofarad. Capacitor markings may be μ f or MF for microfarad, $\mu\mu$ f or MMF for micromicrofarad.

Several types of wire are supplied. It is important to use the wire called for in the building step. Insulated solid wire, identified by color, has been cut to length and pre-stripped for your convenience. Use only the color called for in the step.

SEE FIGURE 1.

☒ S-1 switch. Mount by inserting the locating tab in the locating hole in the sub-panel. Fasten with a $\frac{3}{8}$ " nut.

☒ R-3, 25K control and a ground lug. Place the ground lug over the shaft of the control. Mount by inserting the locating tab in the locating hole in the sub-panel. Fasten with a $\frac{3}{8}$ " nut.

NOTE. The meter must be zeroed before it is mounted. After the meter is mounted the adjusting screw will not be accessible. To adjust the meter, remove the piece of tape that covers the hole in the bottom of the meter.

☒ Meter. The two screws used to mount the meter are packed in the box with the meter. Mount the meter with these two screws and position the terminals as shown.

☒ Remove the jumper wire from the two meter terminals.

☐ Thread a $\frac{3}{8}$ " nut over the shafts of S-1 and R-3 so that there is approximately $\frac{1}{4}$ " space between these nuts and the nuts used to mount S-1 and R-3.

☒ Dress panel. Position the panel over the shafts of S-1 and R-3. Mount with two $\frac{3}{8}$ " flatwashers and nuts. Adjust the two nuts used to space the panel for an even fit.

☒ Two knobs. Place the two knobs over the shafts of S-1 and R-3 and tighten with the setscrews.