

Figure 6

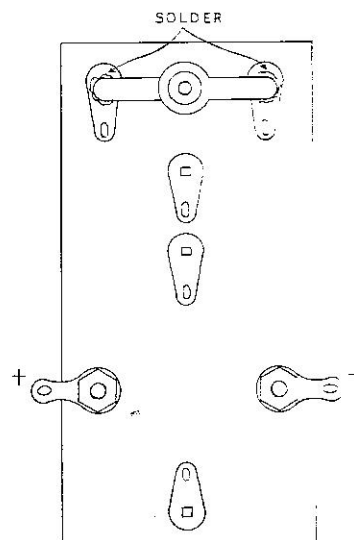


Figure 7

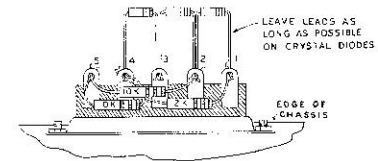


Figure 8

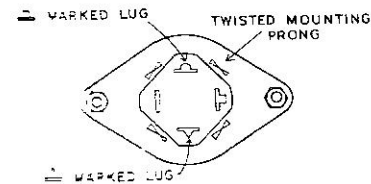


Figure 9

METER SUB-ASSEMBLY

- ( ) Install the meter on the front panel with the hardware supplied in the meter box.
- ( ) Remove one nut and the solder lug from each meter stud. NOTE: Hold the inner nut while loosening the outer nut, so no strain is placed on the plastic meter housing. Run the remaining nut down on the meter stud.
- ( ) Install the terminal board on the meter studs with the solder lugs and nuts that came on the meter.
- ( ) Slip the 3/8" fiberglass sleeving over the pilot lamp and install the lamp in its socket. Slip the sleeving against the panel.
- ( ) Solder the pilot light socket to the terminals as shown in Figure 7 (S).

WIRE THE 5-LUG STRIP

- ( ) Connect a 2KΩ resistor between lug 1 (NS) and lug 4 (NS). See Figure 8 and Pictorial 3.
- ( ) Connect a 10 KΩ resistor between lug 4 (NS) and lug 5 (NS).
- ( ) Connect another 10 KΩ resistor between lug 2 (NS) and lug 5 (NS). Make sure the lead wires do not touch connections to lug 4.
- ( ) Connect a 5 1/2" wire between lug 4 (NS) and the negative (-) lug (S) on the meter.
- ( ) Connect a 7 1/2" wire between lug 2 (NS) and the positive (+) lug (S) on the meter.
- ( ) Connect a crystal diode with the cathode lead (see page 23 for coding of cathode on diodes) to lug 1 (S) (2). Connect the other lead to lug 2 (NS). Leave leads as long as possible.
- ( ) Connect a second crystal diode with the cathode lead to lug 2 (S) (4). Connect the other lead to lug 3 (NS). Leave leads as long as possible.
- ( ) Connect a third crystal diode with the cathode lead to lug 3 (NS). Connect the other lead to lug 4 (S) (4). Leave leads as long as possible.
- ( ) Install the filter condenser on top of the chassis by passing the mounting prongs through the slots in the mounting wafer, (make sure the condenser is properly positioned) and twist the prongs 1/8 turn with a pair of pliers. See Figure 9 and Pictorial 1 on Page 7.