

ASSEMBLING INSTRUCTIONS (Cont.)

the bottom connection to the top. The center connection will not be moved.

Some of you having had experience with D. C. meters, will wonder why there isn't a positive and negative connection to this meter. This is an A. C. meter so therefore you need not worry about polarity.

One thing that may be advisable to do and that would be to anchor the line cord securely. A knot can be tied in the cord just before it comes thru the cord slot in the cabinet. This will prevent the cord from accidentally being jerked loose.

Next assemble your test probes. Notice that the probe tips (short ones) and the prods (long ones) are of the solderless type. You have one 3' length of black wire and one 3' length of red wire. Skin the insulation off approx. 1/2" on each end of these wires. On the long prods the knurled nut is loosened and the wire is fed down thru the insulated handle with the bare end of wire coming out in under the knurled nut. Now tighten nut and the prod is securely fastened.

When attaching the short probe tips, remove the plastic insulating handle. Push this handle over the wire. Now fasten the bare wire by inserting it in the lock nut provided and tighten. Screw plastic handle back onto the tip and your test leads are completed.

Use a red tip and red prod with the red wire. Likewise black tip and prod with the black wire.

Make good clean connections. Do not leave any strands of wire hanging loose at connection points.

A good wiring job will pay you dividends in returned service and long operation satisfaction. Remember also that this is a testing instrument and as such should be handled with care and not dropped or banged around. We have tried to make this as rugged as possible, so it will withstand severe usage as found in ordinary service work.

The small 2.5 volt indicating bulb is mounted in socket (M). This bulb is used when you are testing the operation of automatic heat controls such as used in electric irons, or any appliance that will draw more than 5 amperes or approx. 550 watts or more.

Should this bulb glow too brightly while in use, try substituting a 6-8 volt bulb in its place. Simply shortening the shunt will also cause the bulb to glow dimmer. You will find, however that the 3/4" shunt will be the correct size for all ordinary service.