

## WIRING THE PICK-UP CHASSIS

### SEE FIGURE 7.

NOTE: A portion of the bracket is shown cut away to show the diode connections to the bare wire.

- ☐ Bracket. Mount the side with the notch (as shown in Figure 7) and TS-2, a 3-terminal strip. Use a 6-32 screw, lockwasher and nut. Mount the other side and TS-1, a 2-terminal strip, with a 6-32 screw, lockwasher and nut.

- ☒ Yellow wire. Connect one end to terminal 1 of TS-1. Connect the other end to terminal 1 of TS-2.

- ☒ C-2, .001  $\mu$ f disc capacitor. Solder one lead to terminal 2 of TS-1. Connect the other lead to terminal 1 of TS-1.

NOTE: The two diodes are identical. The marked ends of the diodes may be marked with a band, a dot, several colored bands or have the end colored red. When wiring the diodes, be sure to connect the marked ends exactly as shown.

- ☒ CR-2, diode. Solder the unmarked end to the bare wire at a point 7/16" from the end. Solder the marked end to terminal 1 of TS-1 (3 wires).

- ☒ CR-1, diode. Solder the unmarked end to the bare wire at a point 7/16" from the end. Connect the marked end to terminal 3 of TS-2.

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- ☒ C-1, .001  $\mu$ f disc capacitor. Connect one lead to terminal 2 of TS-2. Connect the other end to terminal 3 of TS-2.

- ☒ The free end of the 2-conductor cable from the meter unit. Place a bushing on the cable 2" from the end. Fasten the cable to the pick-up chassis as shown in Figure 4.

Connect the ends of the cable as follows:

- ☒ Red lead. Solder to terminal 1 of TS-2 (2 wires).

- ☒ Shield wire. Solder to terminal 2 of TS-2 (2 wires).

- ☒ Black wire. Solder to terminal 3 of TS-2 (3 wires).

- ☒ Place the cover over the chassis. Fasten with four self-tapping screws.

- ☒ Decals. Remove the protective backing from the decals and press on the ends of the pick-up chassis as shown in Figure 7. BE SURE THE TRANSMITTER DECAL IS MOUNTED ON THE END WITH THE BUSHING.

- ☒ The wiring of your P-2 is now completed. Make sure that all connections have been well soldered. If a connection appears doubtful, re-heat and add solder if required. Cut off all excess wires protruding from any connections.