

FIRST WIRING ON THE TOP

TO TERMINAL 1 OF L-3, CONNECT THE OTHER END TO TERMINAL 2 OF L-3, KEEP LEADS SHORT.

SEE FIGURE 21. NOTE: CORNER OF DIAL CRUSTAL HAS 4-40 x 1/4" SCREWS, LOCK WASHERS AND NUTS. PLASTIC PLATE. REMOVE THE PROTECTIVE BACKING. MOUNT TO THE PANEL WITH TWO 4-40 x 1/4" SCREWS, LOCK WASHERS AND NUTS. SHOWN IN FIGURE 22.

- ☒ Dial assembly. Place over the shaft of C-1, the variable capacitor mounted on the tuning chassis.
- ☒ TS-15 mounting hardware. Remove the hardware mounting TS-15 to the chassis. One of the screws used in the next step will remount TS-15 to the chassis.
- ☒ Position the tuning chassis on the main chassis with the shaft of C-1 through the hole in the plastic plate. Mount the tuning chassis with four self-tapping screws (one re-mounts TS-15). Insert the wires from the tuning chassis through the grommet.
- ☒ Close the blades of C-1 all the way. Fasten the dial scale to the shaft of C-1 with the setscrew. With the blades closed all the way the hairline on the window should be on the white line on the scale.
- ☒ TS-13, 2-terminal strip. Mount with a 6-32 x 1/4" screw, lockwasher and nut.
- ☒ Orange wire from the grommet in the tuning chassis. Solder the free end to terminal 4 of C-1.
- ☒ Yellow wire from the grommet in the tuning chassis. Solder the free end to terminal 5 of C-1.
- ☒ Green wire from the grommet in the tuning chassis. Solder the free end to terminal 6 of C-1.
- ☒ Cut three 1" pieces of the small bare wire. Connect these wires as follows:
 - ☒ Bare wire. Solder one end to terminal 1 of C-1. Solder the other end to terminal 1 of C-4 (2 wires).
 - ☒ Bare wire. Solder one end to terminal 2 of C-1. Solder the other end to terminal 1 of C-3 (2 wires).
 - ☒ Bare wire. Solder one end to terminal 3 of C-1. Solder the other end to terminal 1 of C-2 (2 wires).
- ☒ Pilot light socket and bulb. Insert the pilot light in the socket. Mount the socket to the tuning chassis.

NOTE: The pilot light leads may be shortened for neater connections. Connect either of the pilot light leads to terminal 2 of TS-13. Connect the other lead to terminal 1 of TS-13.

- ☒ C-55, .02 μ f disc capacitor. Solder one lead to terminal 1 of TS-13 (2 wires). Connect the other lead to terminal 2 of TS-13.
- ☒ Brown wire. Solder one lead to terminal 2 of TS-13 (3 wires). Insert the other end through the grommet.

- ☒ L-20, the large coil and ~~two~~ #8 solder lugs. Bend the solder lugs around the coil windings and solder in place as shown in Figure 23. Mount L-20 to the two spacers by bending one of the solder lugs on each spacer over the coil leads. Solder the coil to the solder lugs.
- ☒ Tubing covered bare wire from the grommet near the back of the chassis. Connect the free end to solder lug #6 of L-20.
- ☒ Tubing covered yellow wire from the large grommet. Solder the free end to solder lug #5 of L-20.
- ☒ Tubing covered orange wire from the large grommet. Solder the free end to solder lug #4 of L-20.
- ☒ Tubing covered red-white stranded wire from the large grommet. Solder the free end to solder lug #3 of L-20.
- ☒ Tubing covered heavy bare wire from the large grommet. Solder the free end to solder lug #2 of L-20.

TO DOUBT, PLACE COIL IN POSITION 19 (21)

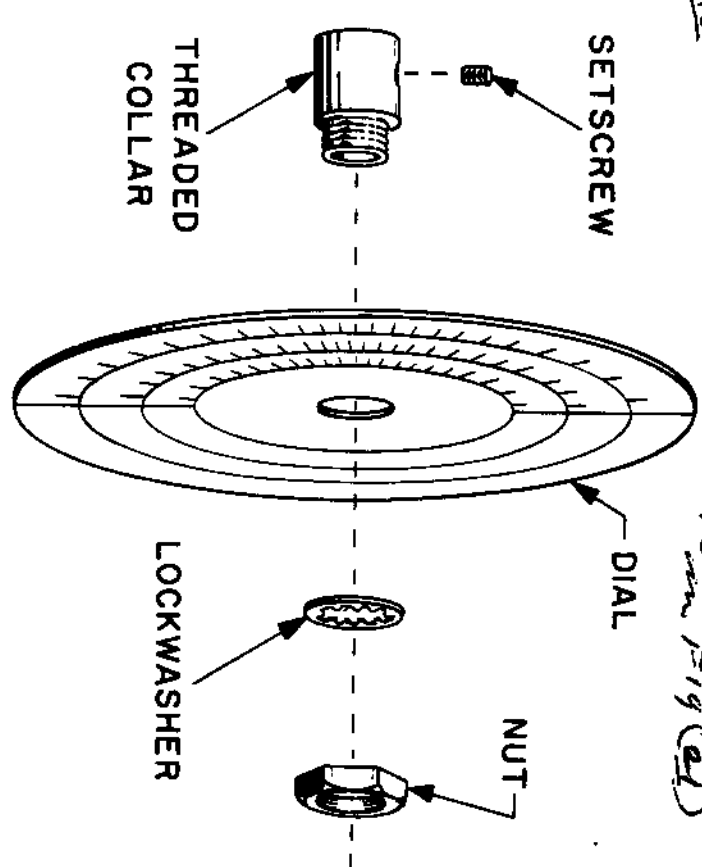


FIGURE 22. DIAL SCALE ASSEMBLY