

- ☒ Assemble the ANTENNA CONTROL shaft and bushing as shown in Figure 24. After the "C" washers are in the grooves, crimp them so they don't fall off.

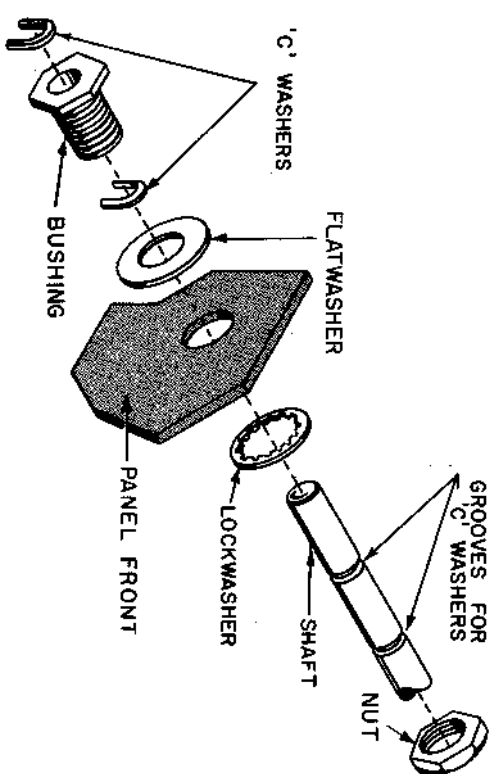


FIGURE 24. ANTENNA CONTROL ASSEMBLY

- ☒ Insert two #8 setscrews into each collar of the flexible metal shaft before you mount it.
- ☒ Mount the ANTENNA CONTROL shaft assembly on the front panel. Slip the collar at one end of the shaft coupler over the shaft of the ANTENNA CONTROL shaft assembly. Tighten the setscrews. Slip the collar at the other end of the flexible metal shaft over the shaft of C-3. Tighten the setscrews. Push the small red knob on the shaft of the ANTENNA CONTROL, and tighten the setscrew.
- ☒ Snap the fuse, F-1, into the cap, and tighten the cap on the fuseholder.
- ☒ Turn the RF GAIN and AF GAIN controls fully counterclockwise.
- ☐ Turn the OFF-STBY-RCV-CAL switch to the OFF position.

DO NOT TOUCH ANY OF THE WIRING WHILE THE RECEIVER IS PLUGGED INTO A POWER OUTLET.

- ☒ Plug the receiver into an AC outlet, supplying 110-120 volts, 50-60 cycles AC. (If you are in doubt about the type of power you have, consult your local electric company before plugging in the receiver.)

- ☒ Turn the OFF-STBY-RCV-CAL switch to the STBY position. The two dial lights should light. Now switch to RCV and CAL. The dial lights should be on in these switch positions also.

- ☒ Turn the OFF-STBY-RCV-CAL switch to the OFF position.
- ☒ Refer to the photograph on page 45. Install V-1, V-2, V-3, V-4, V-5, V-6, V-7 and V-8 in their sockets. The rectifier tube, V-9, will be installed later.
- ☒ Turn the OFF-STBY-RCV-CAL switch to the STBY position. Check to see that the filaments light in tubes V-1, V-2, V-4 through V-8. There will be no light in V-3, the voltage regulator tube.
- ☒ Turn the OFF-STBY-RCV-CAL switch to the OFF position.
- ☒ Install V-9 in its socket. Turn the OFF-STBY-RCV-CAL switch to STBY. Check to see that V-3 glows. Turn the switch back to OFF.

Notice that the tube shields are three different lengths.

- ☒ Slide the medium length tube shield over V-1. Press the tube shield down so it makes contact with the ground clip.
- ☒ Slide long tube shields over V-2 and V-8. Press the tube shields down to make contact with the ground clips.

- ☒ Slide short tube shields over V-4, V-5, V-6 and V-7.

- ☒ Connect a speaker or headphones, whichever you prefer. If you use a speaker, connect the two leads of an 8-ohm permanent-magnet speaker to the two terminals marked 8-ohm SPKR on the rear of the chassis. If you use headphones, insert the plug of the headphones into the jack marked PHONES on the front panel. The speaker outlet is automatically disconnected when the headphones are plugged in.

If you have already purchased the S-Meter kit, or the Crystal Calibrator kit, they should be installed at this time. See pages 34-36 for installation instructions.