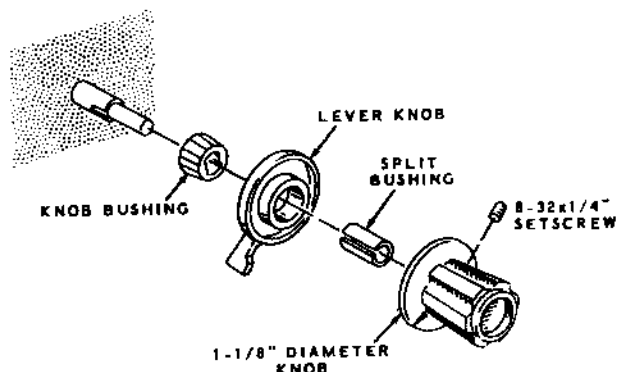


Detail 2-9A

- () Refer to Detail 2-9A, and install a 1/4" length of large sleeving and the push-on knob on the switch lever at the LSB/USB location of the front panel. Work the sleeving into the slot of the front panel.
- () Turn all the control, switch, and capacitor shafts fully counterclockwise.
- () Refer to Detail 2-9B, and install the knob bushing on the large shaft at the Receiver Gain position. Position the knob as shown, and push the lever knob on the bushing. Support the rear of this control with your finger when pushing the knob on the knob bushing.
- () Start 8-32 x 1/4" setscrews in the tapped holes of the 1-1/8" and 2" diameter knobs.



Detail 2-9B

- () Insert a split bushing in one of the 1-1/8" diameter knobs, and install this knob at the Receiver Gain location. Position the pointer as shown.
- () Install the 2" diameter knob at the Tuning location.
- () Install 1-1/8" diameter knobs on the remaining shafts. Position the knob pointer at the Mic Gain location at the 7 o'clock position. The other pointers should be at the fully counterclockwise markings on the panel.

INITIAL TEST

Before installing the tubes and pilot lamps, the following resistance checks should be performed. If the actual resistance readings vary more than $\pm 20\%$ from those listed, refer to the In Case Of Difficulty section of the Manual on Page 53.

Connect the common test lead of an ohmmeter to the chassis and the positive lead to the Test Points listed in the following chart.

NOTE: The internal wiring of most ohmmeters is such that the positive terminal of the ohmmeter battery is connected to the positive (red) test lead, and the negative terminal is connected to the negative (black) test lead. In some ohmmeters, this wiring is reversed and

erroneous readings will be obtained when making these measurements. Try reversing the ohmmeter test leads if the measurements do not check out correctly the first time. Also, try different ohmmeter ranges. Diodes conduct in a non-linear manner giving different resistance readings on different ohmmeter ranges.

Refer to Figure 1-1 (fold-out from Page 28) for the locations of the test points.

Set the controls as follows:

Sideband switch: LSB.

FUNCTION: PTT.

Meter switch: BIAS SET.

All other controls: Fully counterclockwise.