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Alignment:

No attempt should be made to realign this receiver until it has been determined that a poor tube or some local condition is not responsible for faulty reception. The following is a list of minimum equipment necessary to realign

this receiver:

- 1—AM signal generator covering 455KC, 600KC, 1550KC, 6 MC, 10.7 MC and 18 MC
- 2—FM signal generator covering 10.7 MC, 92 MC and 106 MC
- 3—Output meter, rectifier type, approximately 0 to 2 volts RMS

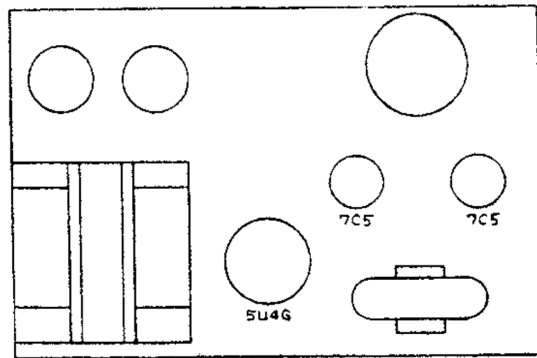
4—Dummy antennas

- 0.01 MFD Capacitor
- 200 MMF Mica Capacitor
- 400 Ohm Resistor
- 300 Ohm Resistor

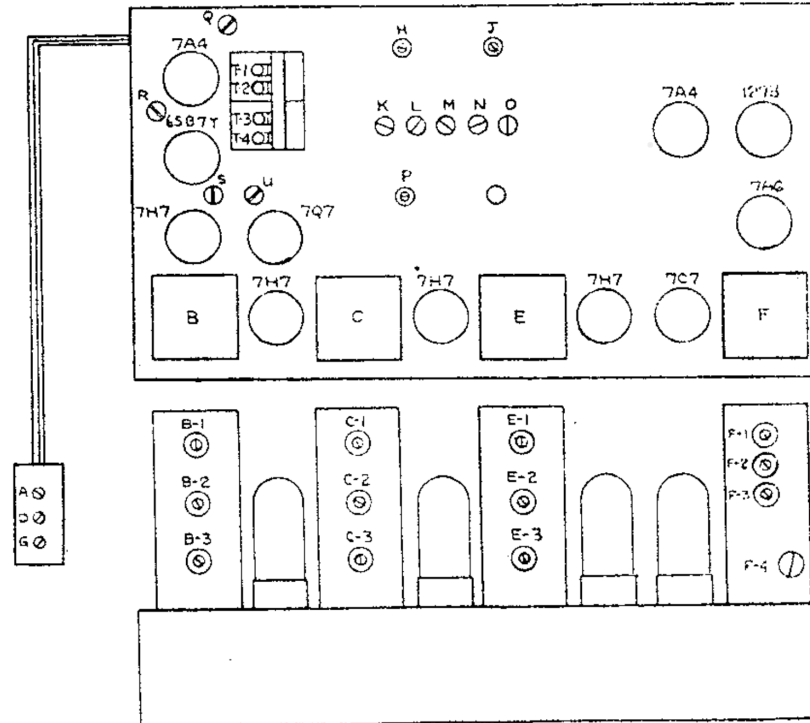
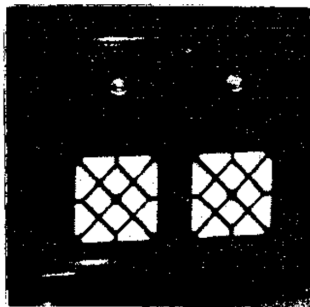
In the following alignment procedure the high side of the signal generator is connected to the terminal indicated in the "Signal Generator Coupling" column below. The ground side of the signal generator is connected directly to the chassis unless otherwise noted. The output meter should be connected across the voice coil of the speaker for all measurements.

In adjusting the radio frequency trimmers and padders it is advisable to "rock" the variable capacitor gang slightly across the signal being delivered by the signal generator until that particular signal has been accurately peaked.

The location of the following trimmers, padders and terminals can be found by referring to the tube and trimmer location diagram.



POWER PACK



TUBE AND TRIMMER LOCATION