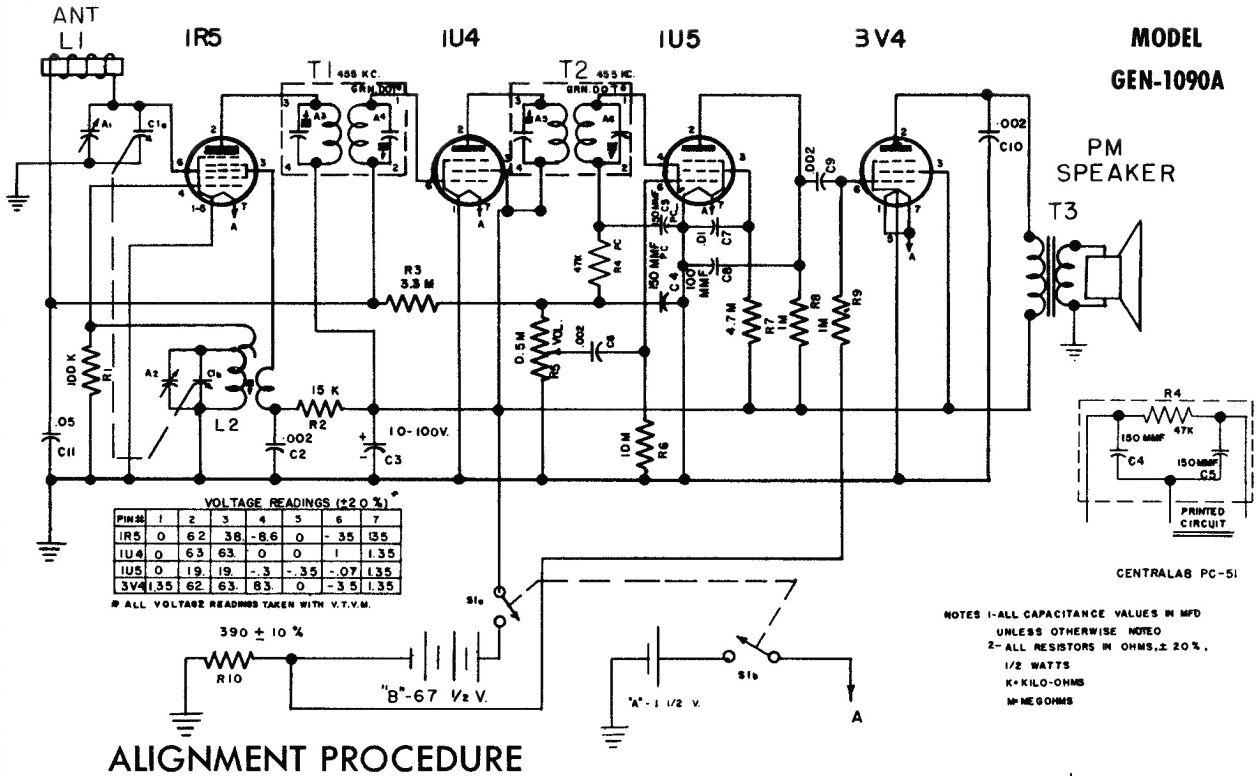
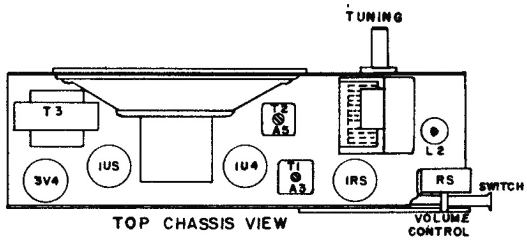


ALIGNMENT PROCEDURE

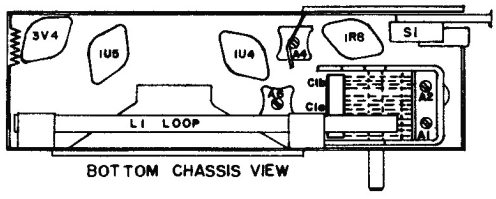
When aligning IF slugs, use a properly shaped, non-metallic tool to avoid stripping the slot in the iron core. The 1½ volt battery should be connected with clip leads to permit easy entry into bottom holes of IF cans.

Always have both batteries in their proper positions when aligning the R.F. section, oscillator, and antenna trimmers. To compensate for front cabinet trim, be sure to have a piece of metal or foil in some position as trim, with respect to chassis during R.F., oscillator, and antenna alignment. Mistracking will result if this is not observed.

TO ALIGN 1640 KC OSCILLATOR AND 1400 KC ANTENNA TRIMMERS: Couple test oscillator to receiver by; (1) make loop consisting of five turns of No. 20 to 30 size wire, wound on a 2" or 3" form. (2) connect this loop across output of test oscillator. (3) place test oscillator loop near radio antenna—**but no closer than 6" to radio antenna.** BE SURE THAT NEITHER LOOP NOR RADIO MOVES WHILE ALIGNMENT IS BEING MADE.



TOP CHASSIS VIEW



BOTTOM CHASSIS VIEW

STEPS	SET RECEIVER DIAL TO	TEST OSCILLATOR FREQ.	TEST OSCILLATOR CONNECT OUTPUT	REFER TO SCHEMATIC AND LAYOUT FOR LOCATION OF ADJUSTMENTS
1	Any point where no interfering signal is received.	455 KC	High side to pin 6 (grid) of 1R5. Low side through a 0.02 MFD condenser to chassis.	Adjust A6, A5, A4, A3 in that order (IF slugs) for maximum output at speaker. Recheck settings after all are completed.
2	Max. clockwise	1640 KC	Test loop (see procedure above)	Adjust A2, (osc. trimmer on gang condenser)
3	1400 KC	1400 KC	Test loop (see procedure above)	Adjust A1, (Antenna trimmer on gang condenser)