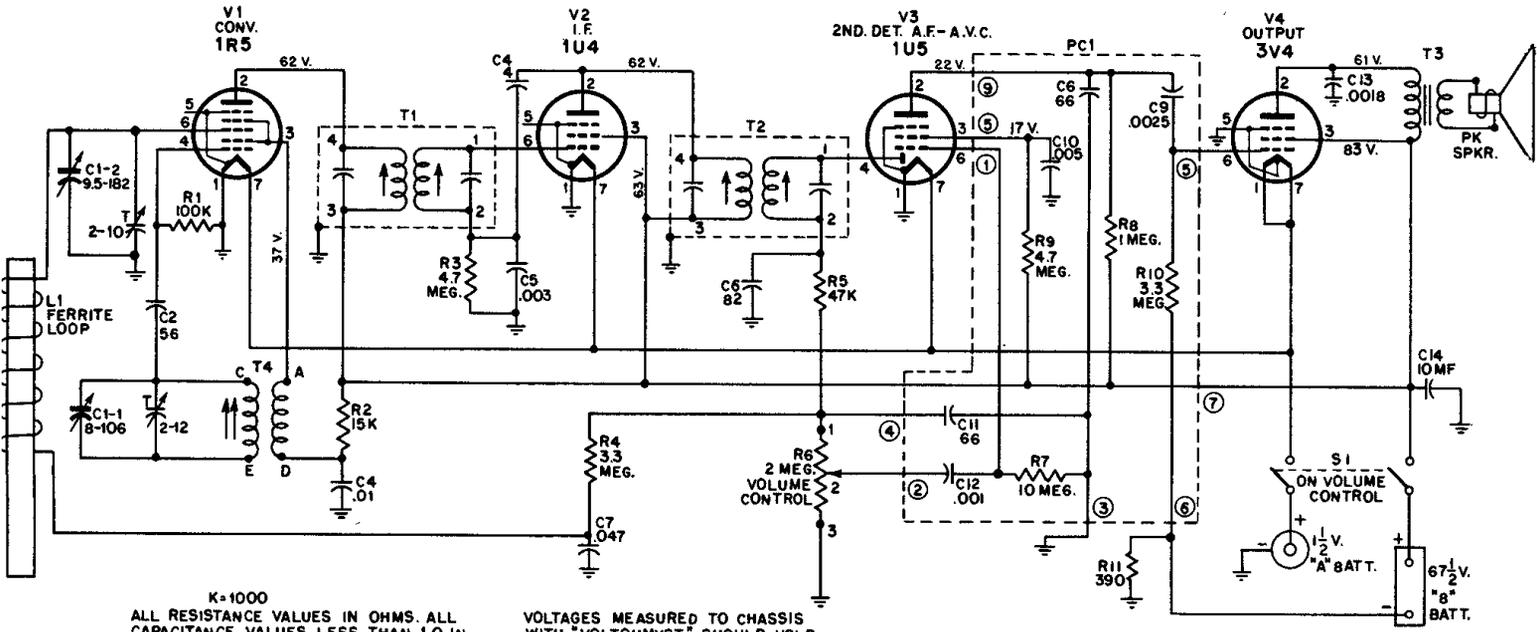


# RCA VICTOR

# MODELS 6-B-4A, 6-B-4B, 6-B-5

Chassis No. RC-1098B



K=1000

ALL RESISTANCE VALUES IN OHMS. ALL CAPACITANCE VALUES LESS THAN 1.0 IN UF, AND 1.0 AND ABOVE IN UF, EXCEPT THOSE INDICATED.

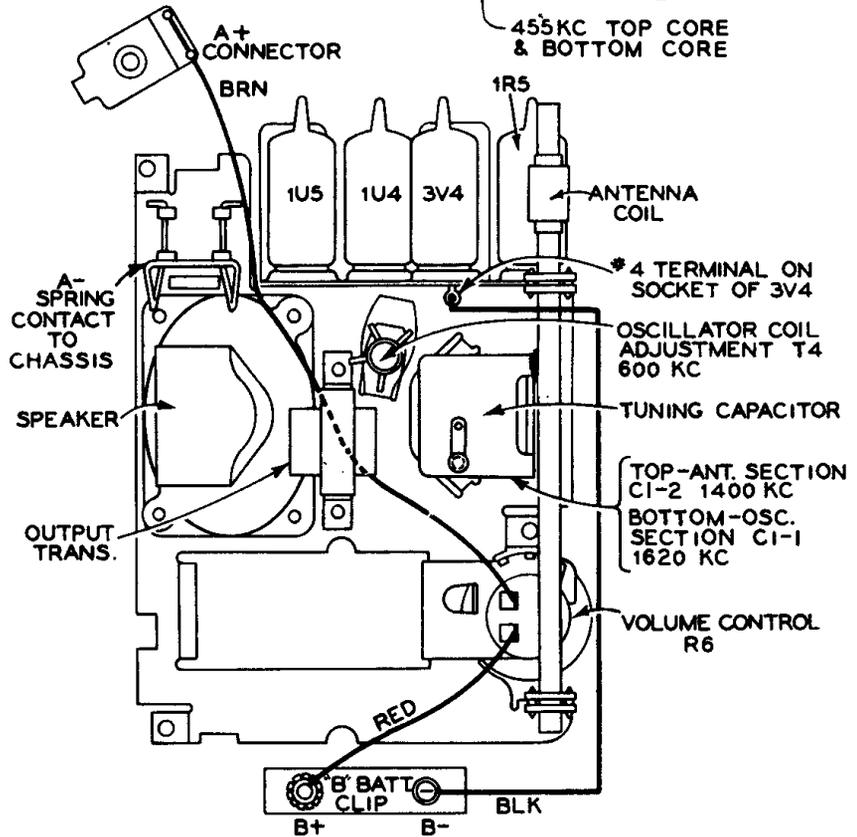
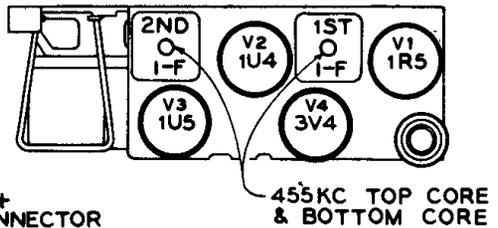
VOLTAGES MEASURED TO CHASSIS WITH "VOLTOHMYST," SHOULD HOLD WITHIN ±20%.

## Alignment Procedure

**Output Meter.**—Connect meter from No. 2 terminal of V4 (plate of 3V4) to ground. Turn volume control to maximum position.

**Test-Oscillator.**—For all alignment operations, connect the low side of the test-oscillator to the receiver chassis, and keep the oscillator output as low as possible to avoid a-v-c action.

**Note:**—The Ferrite rod antenna coil is pre-adjusted and cemented to rod. Further adjustment is unnecessary. However, when replacing ant. assembly make certain that the coil end of the rod extends two inches beyond the tube shelf.



Steps	Connect the high side of test osc. to—	Tune test-osc. to—	Turn radio dial to—	Adjust the following for max. peak output—
1	Connection lug of C1-2 located on rear of gang in series with .01 mf.	455 kc	Quiet point near 1600 kc	Top and bottom cores 2nd I-F trans.†
2				Top and bottom cores 1st I-F trans.†
3	*Antenna coupling loop (Chassis in case)	1620 kc	Gang fully open	C1-1T (osc.)
4		1400 kc	1400 kc signal	C1-2T (ant.)
5		800 kc	600 kc signal Rock gang	T4 (osc.)
6	Repeat steps 3, 4 and 5			

\*Steps 3, 4 and 5 require a coupling loop from the signal generator to feed a signal into the receiver ant. coil. This loop should be loosely coupled to the receiver antenna coil so as not to disturb the receiver ant. coil inductance.

†Both cores are adjustable from top of transformer. Use double-ended hexagon alignment tool.

### I. To Remove Back Cover

- Insert edge of coin into slot in back cover (midway between handle supports) and twist until the back cover disengages from the main case.
- Pull the back cover back and up, thereby unhooking the retaining lugs in the bottom of the main case.

### II. To Replace Batteries

- Remove back cover.
- Remove either or both "A" and "B" batteries as may be necessary. The "B" battery snap fasteners can best be removed by inserting a screwdriver under the snap fastener strip and prying upward.