



RCA VICTOR

4-C-541 SERIES

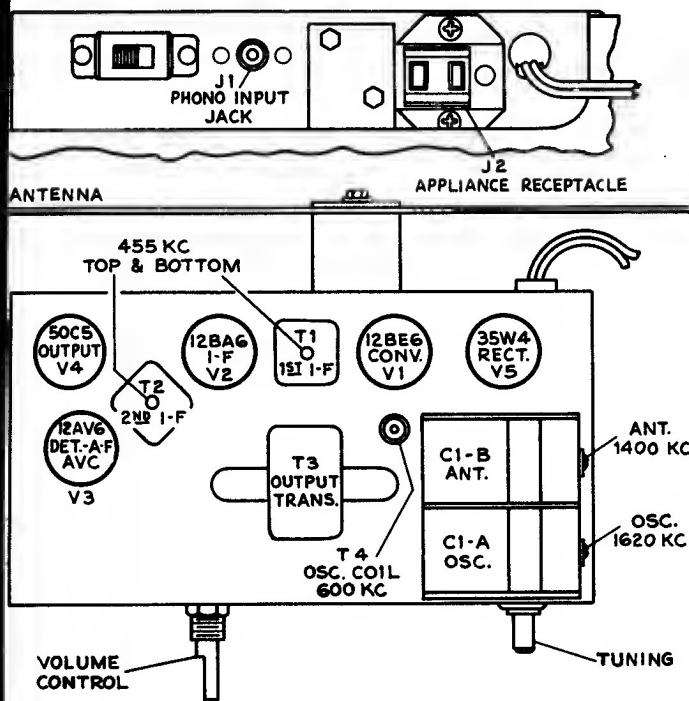
Chassis No. RC-1145

The material on this page and on the page adjacent at right, is exact for Models 4C541, 4C542, 4C543, 4C544, 4C545, 4C547, Chassis RC-1145. Models 4C531, 4C532, 4C533, 4C534, 4C535, Chassis RC-1144 are similar electrically to RC-1145, but omit radio-phono switch S2 and outlet J2. Models 4X551, 4X552, 4X553, 4X554, 4X555, Chassis RC-1146, and Models 5X560, 5X562, 5X564, Chassis RC-1150, are also similar electrically to Chassis RC-1145 described on these two pages, but omit clock mechanism.

Alignment Procedure

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.

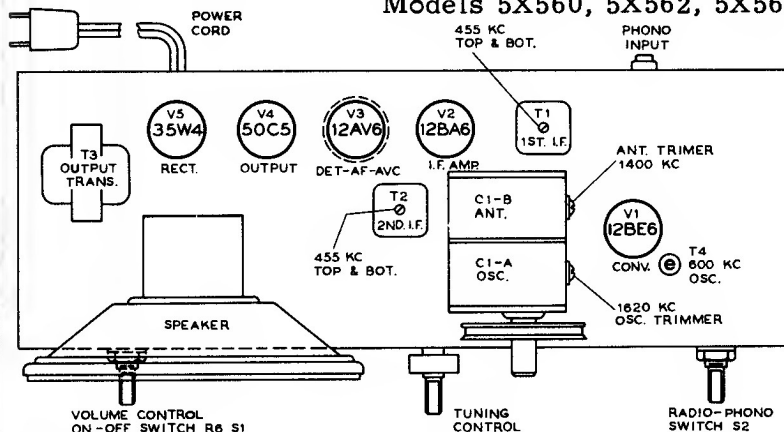
An isolation transformer (115/115 v.) may be necessary for the receiver if the test-oscillator is also a.c. operated.



Tube and Trimmer Locations

Step	Connect the high side of test-oscillator to—	Tune test-osc. to—	Turn radio dial to—	Adjust the following for max. output
1	12BA6 I-F grid through .01 mfd. capacitor	455 kc	Quiet-point 1,600 kc end of dial	T2 (top and bottom) 2nd I-F trans.
2	Stator of C1-B through .01 mfd.			T1 (top and bottom) 1st I-F trans.
3	Short wire placed near loop to radiate signal	1,620 kc	Max. clockwise	osc. trimmer C1-A
4		1,400 kc	1,400 kc signal	ant. trimmer C1-B
5		600 kc	600 kc signal	osc. coil T-4 (rock gang)
6	Repeat steps 3, 4, and 5			

This material is applicable only to Chassis RC-1150, Models 5X560, 5X562, 5X564.



Tube and Trimmer Locations

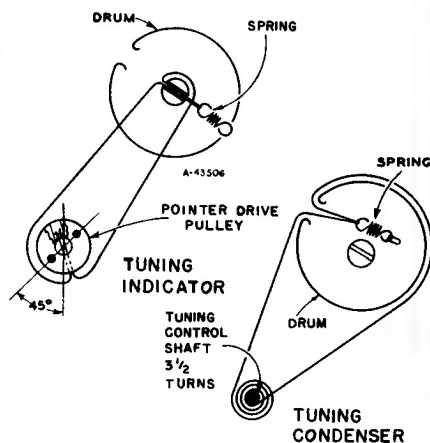
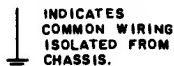


Diagram of Drive Cord with Condenser Rotor Closed (Extreme Counter-clockwise Position)



RCA Victor



 INDICATES
CHASSIS
GROUND

1. Dress all heater leads down to chassis.
2. Dress R12 (33 ohm resistor) away from all leads.
3. Dress C11 in such manner as to prevent shorts to chassis.
4. Dress audio leads to volume control down to chassis.
5. Dress PC-1 (printed circuit) away from I.F. circuits.
6. Dress 50C5 plate lead down to chassis and along back apron.
7. Dress black lead to clock switch terminal away from mechanism of clock switch.