



RCA VICTOR

4-C-541 SERIES

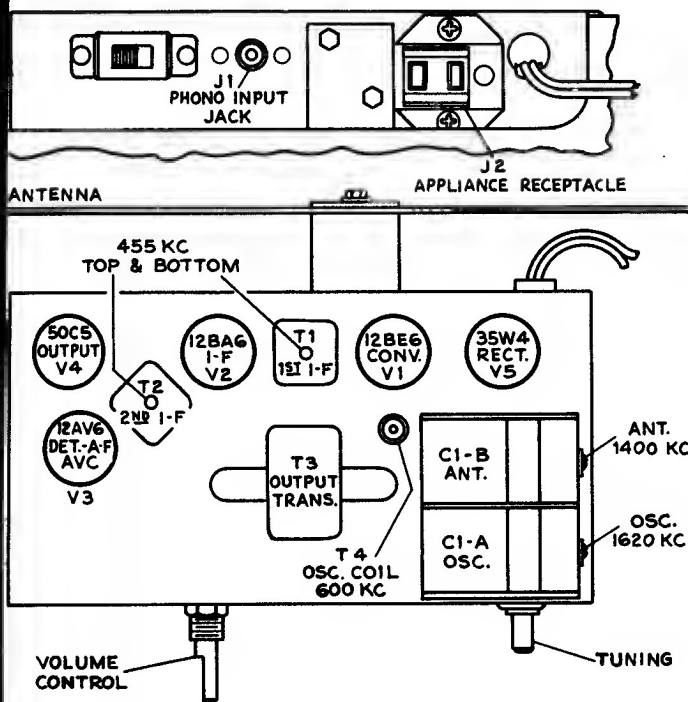
Chassis No. RC-1145

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.

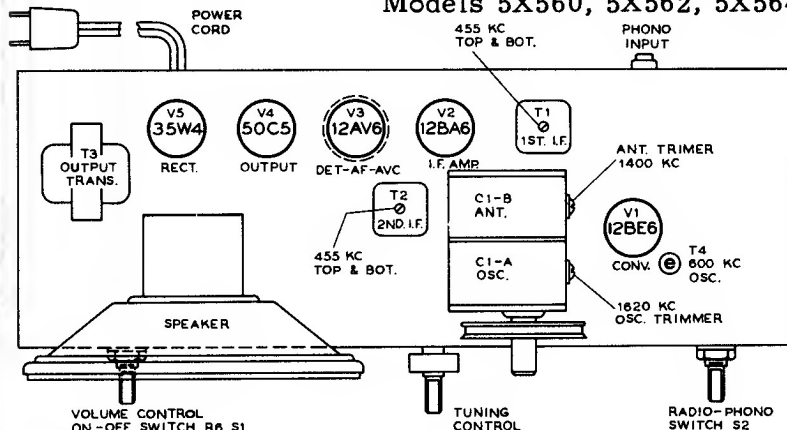
An isolation transformer (115/115 v.) may be necessary for the receiver if the test-oscillator is also a.c. operated.



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

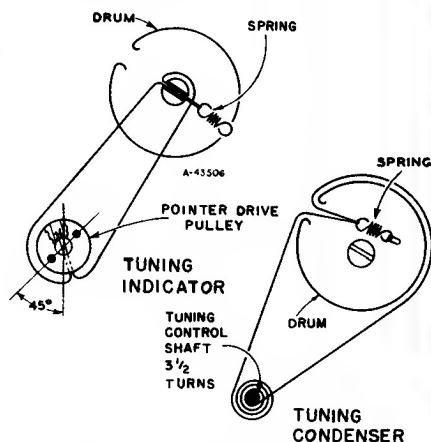
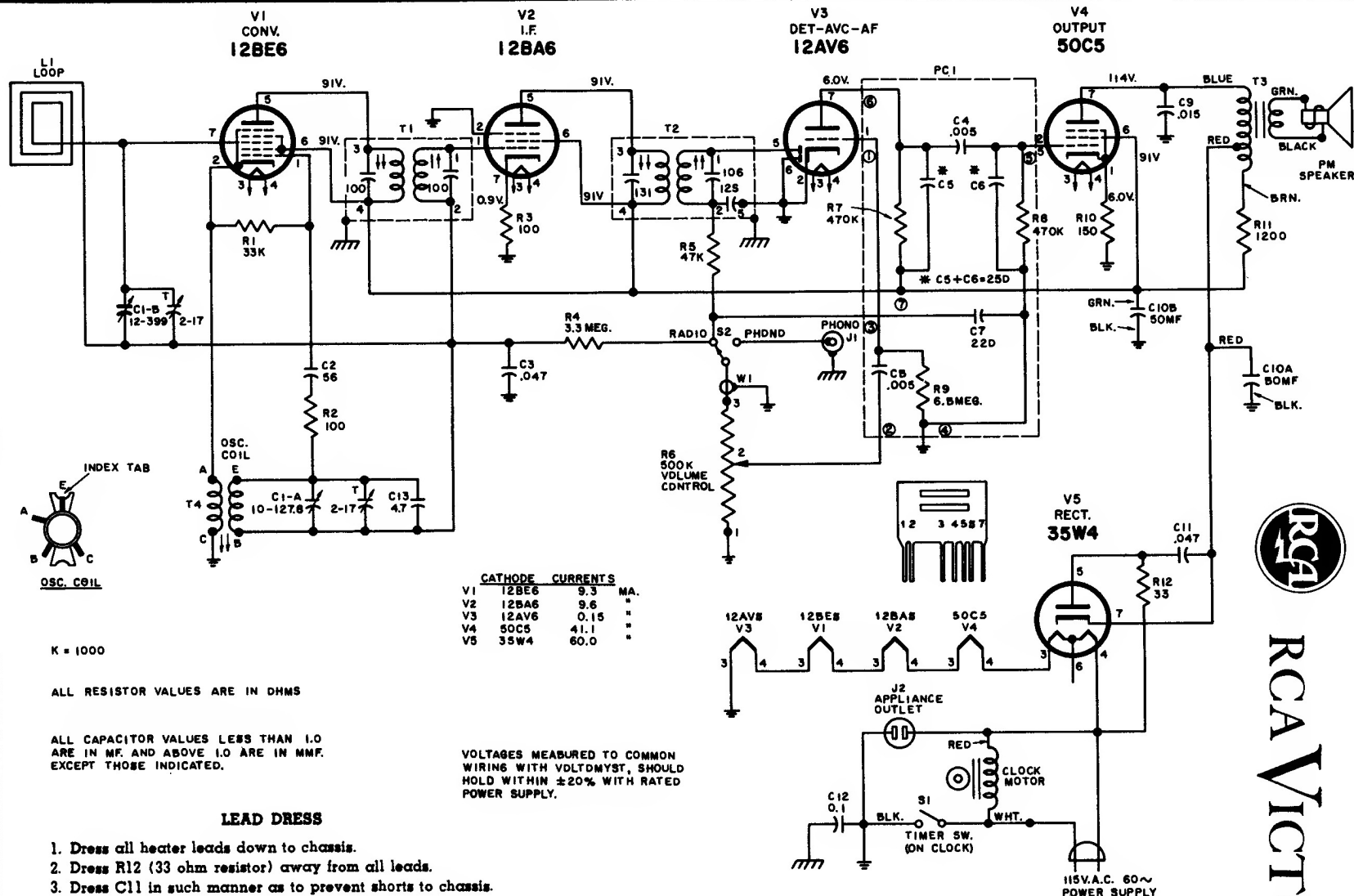


Diagram of Drive Cord with Condenser Rotor Closed (Extreme Counter-clockwise Position)



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INDICATES COMMON WIRING ISOLATED FROM CHASSIS.

INDICATES CHASSIS GROUND