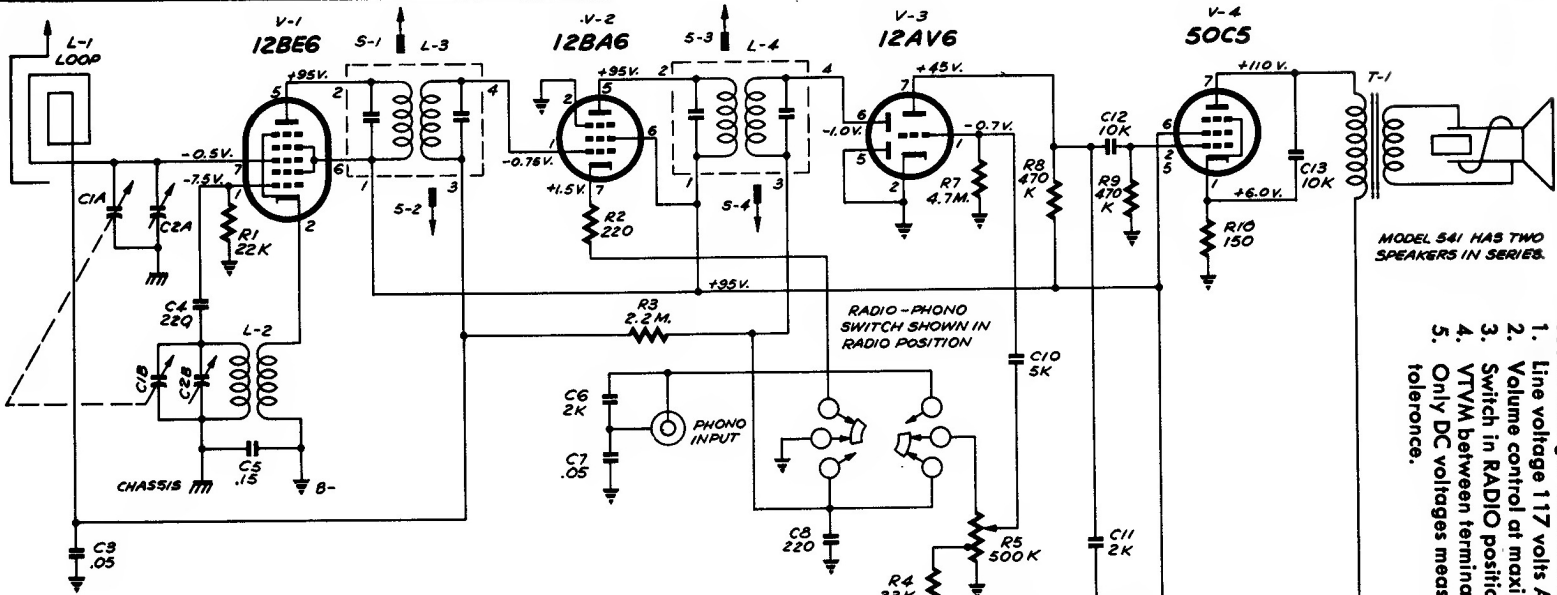


# Richard-Bell

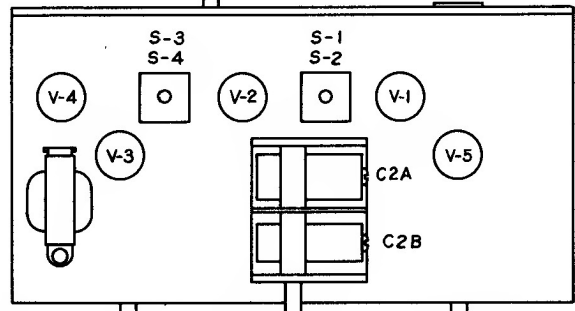
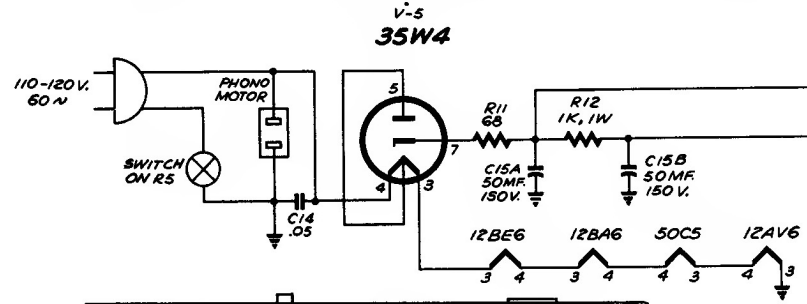
## MODEL 541 RADIO-PHONO MODEL 543 CHAIRSIDE RADIO



MODEL 541 HAS TWO SPEAKERS IN SERIES.

- Socket voltages measured under following conditions:
1. Line voltage 117 volts AC.
  2. Volume control at maximum.
  3. Switch in RADIO position.
  4. VTVM between terminal and B minus.
  5. Only DC voltages measured. Allow 10% tolerance.

NOTE: In early production, C-11 was 5000 mmf instead of 2000 mmf.



### ALIGNMENT PROCEDURE:

To align set, follow steps below. Connect output meter to speaker voice coil. Use isolation transformer, if available, for shock protection.

Each adjustment should be made using a minimum input signal. Connect test oscillator through a .01 mfd capacitor to the point indicated in chart.

STEP	CONNECT TEST OSCILLATOR TO	TEST OSCILLATOR FREQUENCY	RADIO DIAL SETTING	ADJUST
1.	Pin 1, V-1 (12BE6)	455 Kc.	540 Kc.	S-1, S-2, S-3 & S-4 for MAX
2.	Antenna Clip	1620 Kc.	1620 Kc.	C-2B for MAX
3.	Antenna Clip	1500 Kc.	Tune set to C-2A for MAX osc. signal	