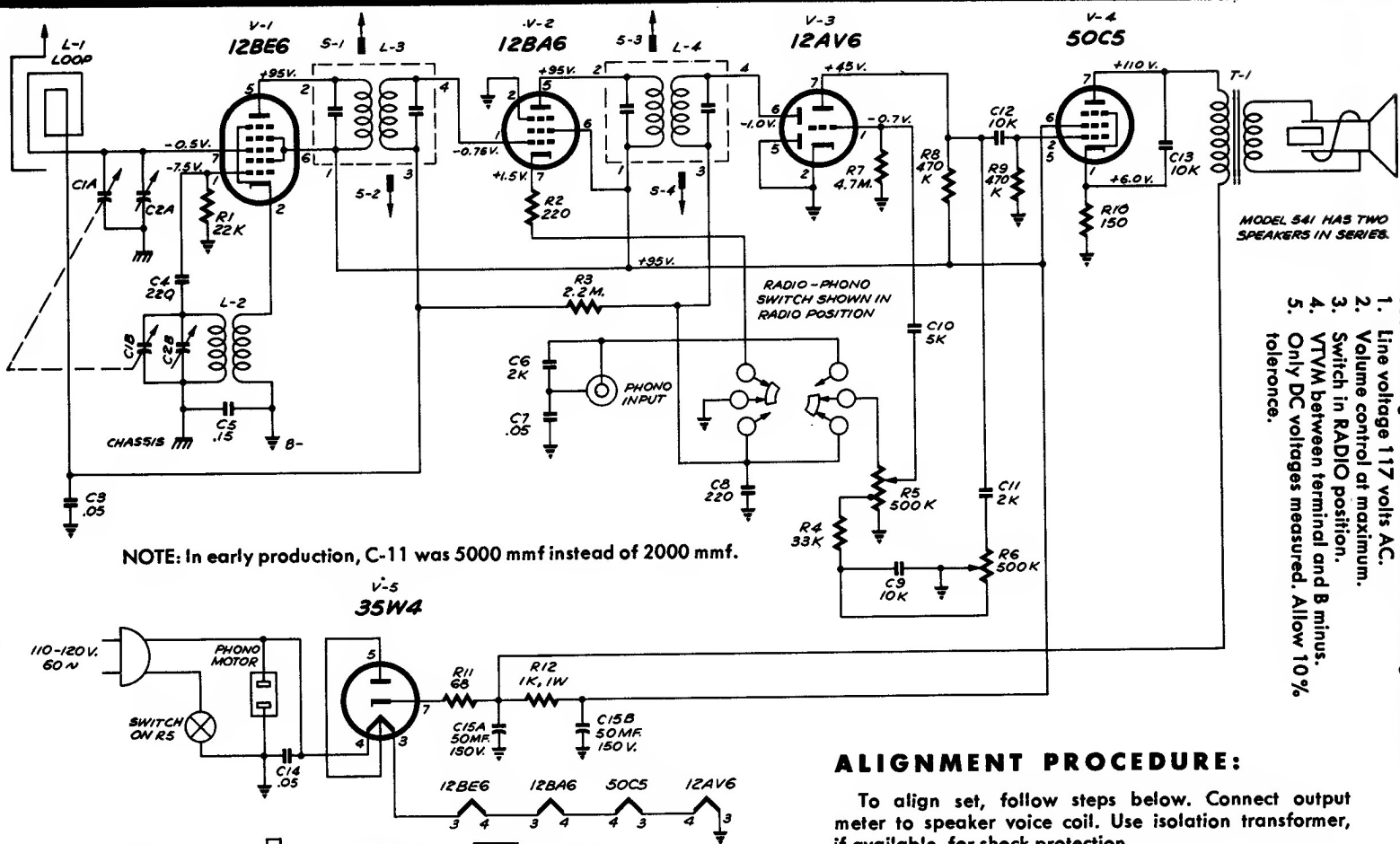


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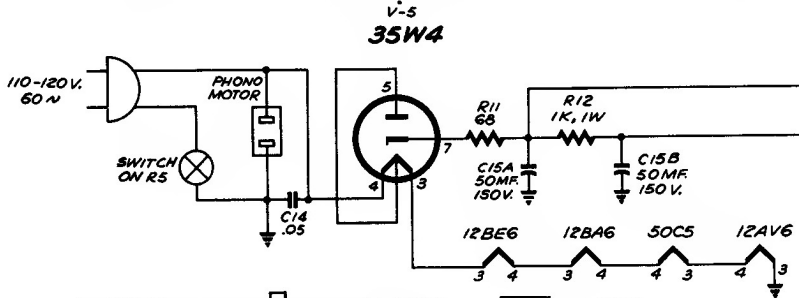
MODEL 541 RADIO-PHONO MODEL 543 CHAIRSIDE RADIO



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 | |

