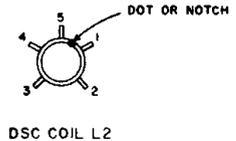
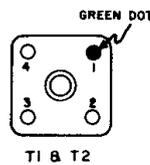


Models 51C1B, Mahogany
51C2B, Walnut



ALIGNMENT PROCEDURE

- Connect output meter across voice coil.
- Set volume control at maximum.
- Use a non-metallic alignment tool.
- Use generator with modulated output.
- Refer to Fig. 1 for location of alignment adjustments.
- To avoid AVC action use lowest output setting of generator that gives a satisfactory reading on meter.

- NOTES**
1. ALL RESISTOR ARE 1/2 WATT UNLESS OTHERWISE SPECIFIED.
 2. CAPACITOR VALUES IN MFD UNLESS OTHERWISE SPECIFIED.
 3. K=1000

- VOLTAGES**
- VOLTAGE READINGS ARE TAKEN UNDER THE FOLLOWING CONDITIONS
1. LINE VOLTAGE SET TO 117V, 60 V.A.C.
 2. VOLTAGES ARE DC AND POSITIVE UNLESS OTHERWISE SPECIFIED.
 3. D.C. VOLTAGES ARE MEASURED WITH VTVM BETWEEN THE TUBE SOCKET TERMINALS AND B- (±).

Step	Signal Generator Connections	Generator Frequency	Gang Setting	Adjust for Maximum Output
1	High side thru .01 mfd. capacitor to stator plates of rear section of tuning gang. Low side to B-.	455 KC	1000 KC	Top & Bottom of 2nd I-F. Top & Bottom of 1st I-F.
2	Same as Step 1.	1620 KC	Fully Open.	(A) (osc. trimmer)
3	Connect a length of wire to the generator and loose-couple other end to stick loop antenna. (Few turns of wire around stick loop.)	1400 KC	1400 KC	(B) (ant. trimmer)

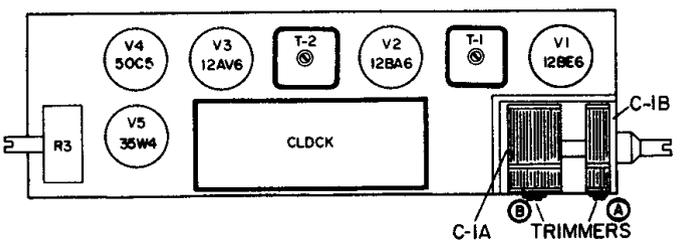


Fig. 1. Location of Alignment Adjustments and Tubes
NOTE: On some sets trimmer adjustments are on opposite side of variable capacitor.