

# RCA VICTOR

## MODELS 66X1, 66X2, 66X3, 66X4, 66X9

Chassis No. RC-1038

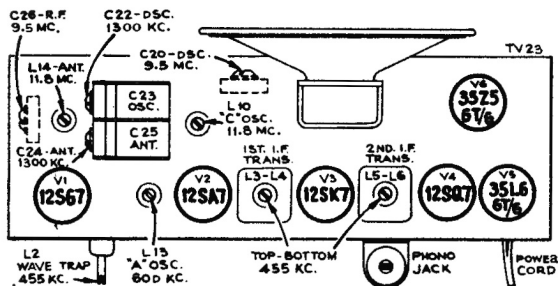
### Alignment Procedure

**Test Oscillator.**—Connect high side of test oscillator as shown in chart. Connect low side through a 0.1-mf. capacitor to common "B." Keep the output signal as low as possible to avoid A.V.C. action.

**Output Meter.**—Connect meter across speaker voice coil. Turn volume control to maximum clockwise position, station selector switch to broadcast maximum high position (pos. 2), for broadcast alignment and to position 3 for high frequency hand.

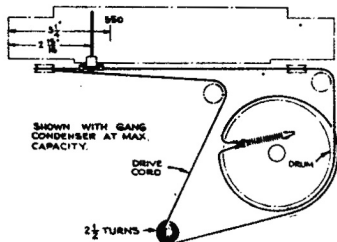
**Dial Pointer Adjustment.**—Rotate tuning condenser fully counter-clockwise (plates fully meshed). Adjust indicator to 2 1/4 in. from end of backplate as indicated in drawing.

On models 66X1 and 2 the dial indicator is accessible for adjustment by removing the metal strip below the dial glass. (Lift and swing the top forward).



**CATHODE CURRENTS**

12SA7	9.7 MA.
12SK7	7.1 "
12SQ7	11.3 "
35L6 6Y6	30.9 "
35Z5 6Y6	37.5 "



Steps	Connect high side of the test oscillator to—	Tune test osc. to—	Turn radio dial to—	Adjust the following for maximum peak output
1	Pin #4 (signal grid) 12SK7 IF tube in series with 0.1 mfd.	455 kc	Quiet point at 1600 kc end of the dial	T2† 2nd I-F trans.
2	Pin #8 (signal grid) 12SA7 1st det. in series with 0.1 mfd.			T1 1st I-F trans.
3	Antenna in series with 200 mmf.	1300 kc	1300 kc	L2 for minimum output (Wave trap)
4				C22 (osc.) C24 (ant.)
5				L13 While rocking gang
6	Repeat steps 4 and 5.			
7	Antenna in series with 50 mmf.	9.5 mc.	9.5 mc.	C20 (Osc.)*
8		9.5 mc.	9.5 mc.	C26 Ant. while rocking gang
9		11.8 mc.	11.8 mc.	L10 (Osc.)**
10		11.8 mc.	11.8 mc.	L14 while rocking gang
11	Repeat steps 9 and 10.			

\*If two peaks are obtained use minimum cap peak.

\*\*If two peaks are obtained use minimum inductance peak.

†Do not repeat step No. 1.

