

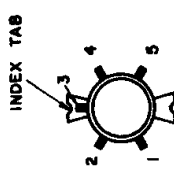
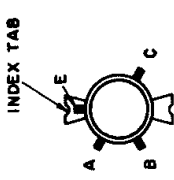
CATHODE CURRENTS

| | 7.5 MA. |
|----------|---------|
| V1 12BA6 | 6.7 |
| V2 12BE6 | 6.8 |
| V3 12BA6 | 1.0 |
| V4 12AV6 | 34.8 |
| V5 35C5 | 59.0 |

VOLTAGES MEASURED TO COMMON WIRING WITH VOLTMETER, SHOULD HOLD WITHIN $\pm 2\%$ WITH RATED POWER SUPPLY.

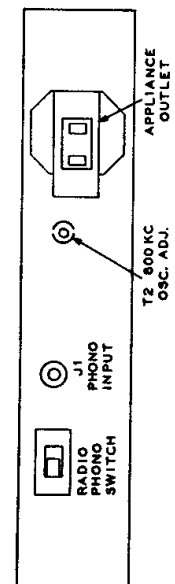
INDICATES COMMON WIRING ISOLATED FROM CHASSIS.

INDICATES CHASSIS GROUND

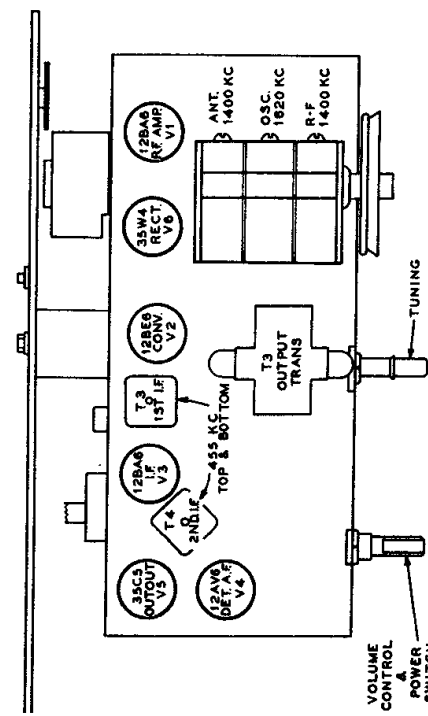


K = 1000

ALL RESISTANCE VALUES ARE IN OHMS
ALL CAPACITANCE VALUES LESS THAN 1.0 ARE IN MF. AND ABOVE 1.0 ARE IN MMF. EXCEPT THOSE INDICATED.



| Step | Connect high side of sig. gen. to— | Sig. gen. output | Turn radio dial to— | Adjust for peak output |
|-------------------------|------------------------------------|-------------------------------------|-------------------------|--------------------------------------|
| 1 | Pin No. 7 of 12BE6 (V2 conv.) | 455 kc | Quiet point near 600 kc | Top and bottom cores of T3 and T4 |
| 2 | "External Antenna" terminal | 1620 kc | Gang open | C1-B Osc. |
| 3 | | 1400 kc | 1400 kc signal | C1-A R.F. C1-C Ant. |
| 4 | | Shunt C1-A with 22,000 ohm resistor | | T2 Osc. (Rock gang) |
| 5 | 600 kc | | 600 kc | Remove 22,000 ohm resistor from C1-A |
| 6 | 600 kc | | 600 kc | T1 R.F. |
| Repeat steps 3, 4 and 5 | | | | |



Tube and Trimmer Locations

RCA Victor

4-C-671, 4-C-672

Chassis No. RC 1142