

STEP 5  
ADJUST FOR MAX 1400 KC WHILE ROCKING GANG

STEP 4  
ADJUST FOR MAX 1620KC WITH GANG OPEN

ADJUST FOR MAX 455 KC RADIATED SIGNAL

**NOTES-**

1. FOR NPN TR6 & TR7
  - A. CONNECT A JUMPER WIRE BETWEEN POINTS B & D. (SEE PHANTOM WIRING DIAGRAM)
  - B. (SEE PHANTOM WIRING DIAGRAM)
  - C. R16 MUST BE 50 OHMS (THERMISTOR)
  - D. R17 MUST BE 1K
2. FOR PNP TR6 & TR7
  - A. CONNECT A JUMPER WIRE BETWEEN POINTS A & B. (SEE PHANTOM WIRING DIAGRAM)
  - B. (SEE PHANTOM WIRING DIAGRAM)
  - C. R16 MUST BE 1K
  - D. R17 MUST BE 50 OHMS (THERMISTOR)
3. T1577 (PHILCO) TRANSISTOR BASE LEAD MUST BE SOLDERED INTO B2 AS SHOWN ON PHANTOM WIRING DIAGRAM. BASE LEAD OF ALL OTHER RECOMMENDED TRANSISTORS FOR TR4 MUST BE SOLDERED INTO B1.
4. REPLACE WITH TRANSISTOR TYPES SHOWN,

5. UNLESS OTHERWISE NOTED—CAPACITORS MORE THAN 1.0 MUF CAPACITORS LESS THAN 1.0 MUF RESISTORS ARE 1/2 WATT K=1000

6. VOLTAGES ARE POSITIVE WITH RESPECT TO GROUND UNDER NO SIGNAL CONDITIONS

7. VOLTAGES SHOWN IN  ARE WITH TR6 & TR7 PNP.

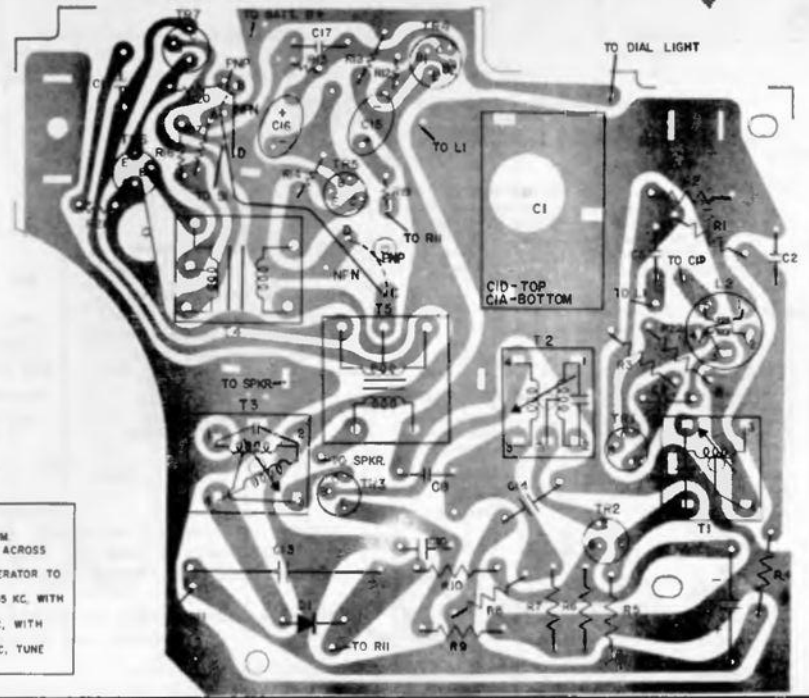
**ALIGNMENT**

SET VOLUME CONTROL AT MAXIMUM. CONNECT OUTPUT METER OR SCOPE ACROSS VOICE COIL. INDUCTIVELY COUPLE SIGNAL GENERATOR TO RECEIVER.

STEP 1, 2 & 3. SET SIG GEN AT 455 KC. WITH RECEIVER TUNING GANG OPEN.

STEP 4. SET SIG GEN AT 1620 KC. WITH RECEIVER TUNING GANG OPEN.

STEP 5. SET SIG GEN AT 1400 KC. TUNE RECEIVER TO 1400 KC.



**CHASSIS REMOVAL - P770A, P771A**

1. Remove tuning knob.
2. Open battery compartment door and remove batteries.
3. Remove screw located in center of battery compartment.
4. Separate front and back from bottom only.
5. Unsolder two leads from speaker.
6. Remove hex-head screws holding chassis board and volume control bracket to cabinet bosses.
7. Pull handle up and move chassis slightly out and unsolder lead to dial light button lug; then remove chassis.