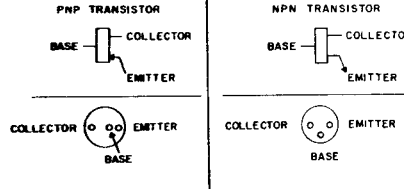
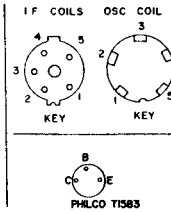


# GENERAL ELECTRIC

Models P785A, P786A, P787A

TO REMOVE CHASSIS

1. Remove volume control knob.
2. Remove battery compartment cover.
3. Remove hexhead screw located in battery compartment.
4. Separate cabinet halves at bottom approximately 1/4 inch, raise bottom slightly to release locking tabs at top of cabinet.
5. Remove 4 screws holding board to plastic cabinet bosses.
6. Remove 1 nut holding board to mounting lug in plastic boss.
7. Swing speaker end of board up and toward volume control end.
8. It is not necessary to remove volume control to repair circuit board.



NOTES—

1. FOR NPN TR6 AND TR7
  - A. CONNECT A JUMPER WIRE BETWEEN POINTS A & C.
  - B. RB MUST BE SOLDERED IN CIRCUIT BETWEEN B & D.
  - C. R16 MUST BE 100Ω THERMISTOR.
  - D. R17 MUST BE 500Ω (OR 1000Ω)
2. FOR PNP TR6 AND TR7
  - A. CONNECT A JUMPER WIRE BETWEEN POINTS B & C.
  - B. RB MUST BE SOLDERED IN CIRCUIT BETWEEN A & B.
  - C. R16 MUST BE 500Ω (1000Ω)
  - D. R17 MUST BE 100Ω THERMISTOR.
3. T1583 (PHILCO) TRANSISTOR BASE LEAD MUST BE SOLDERED INTO B2 AS SHOWN ON PHANTOM WIRING DIAGRAM. BASE LEAD OF ALL OTHER RECOMMENDED TRANSISTORS FOR TR5 MUST BE SOLDERED INTO B1.
4. REPLACE WITH TRANSISTOR TYPES SHOWN.

5. UNLESS OTHERWISE NOTED—  
CAPACITORS MORE THAN 1=MMF  
RESISTORS LESS THAN 1=MF  
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

STEP 6—SET SIG. GEN. AT 580 KC, TUNE  
RECEIVER TO 580 KC

