

SERVICE NOTES

SCHEMATIC NOTES

Due to 2nd IF transistor variations the values of resistors R6 and R7 must be selected, within limits, for optimum performance.

When transistor R186 is defective, kit number 324-8003 must be ordered. This kit contains a R186 transistor and two resistors (R6 and R7) properly matched. All three components must be replaced.

The stage may be checked as follows:

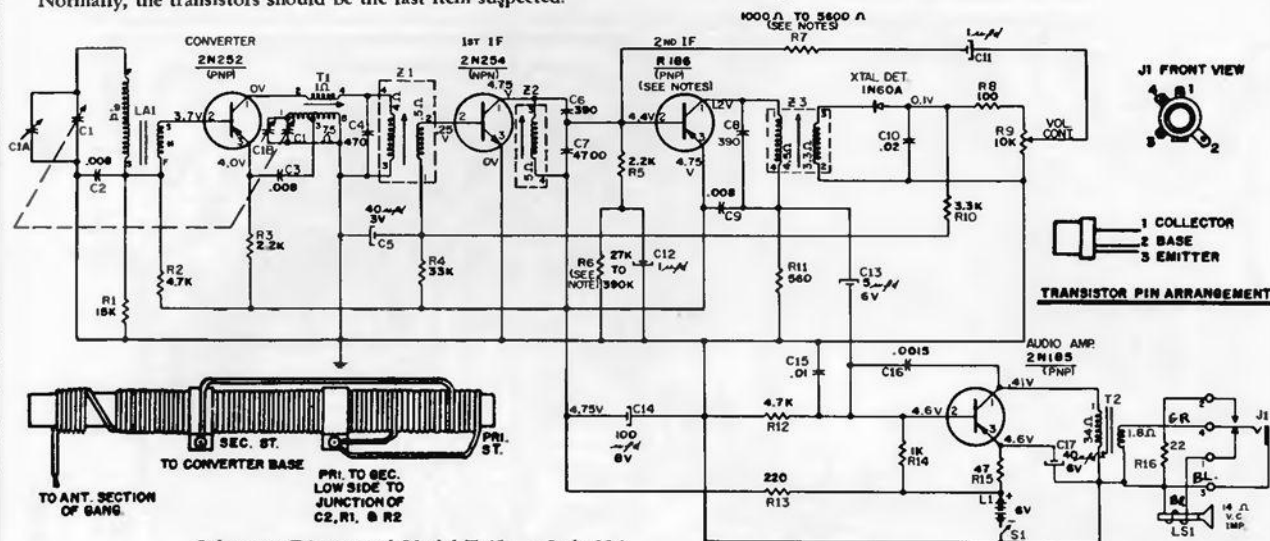
The value of R6 is selected to allow the 2nd IF transistor collector to draw 2 milliamps. This is checked by measuring the voltage across R11, the 560 ohm collector return resistor. This voltage should be 1.12 volts, with a tolerance of approximately ± 12 volts. The value of R6 falls within the limits of 27K to 39K.

All resistors are 1/2 watt, 10%, carbon.

Coil resistances read with coil in circuit.

Voice coil impedance = 14 ohms.

Voltages measured to ground with a 20,000 ohms/volt meter under no signal condition.



Schematic Diagram of Model T-45 — Code 126

