

Schematic Diagram of RT-400

RUN CHANGE INFORMATION

- Run 50 First Production.
- Run 51 To prevent AM oscillation. The AM i-f amplifier cathode resistor, R17, was changed in value from 68 ohms to 110 ohms, part number 66-1108340.
- Run 52 To facilitate production. The FM tuning condenser was changed to 31-2789-1. This is a three section gang; the center section is grounded. For replacement purposes use the gang listed in the parts list, part number 31-2789-3.

ADJUSTMENT OF TUNING INDICATOR

- Remove S5, the 6BJ7 discriminator tube, or ground the cathode, pin 1 of the 6BJ7.
- Adjust indicator balance pot, VR1, for parallel beams on the 6DA5.
- Replace S5 (or remove ground).

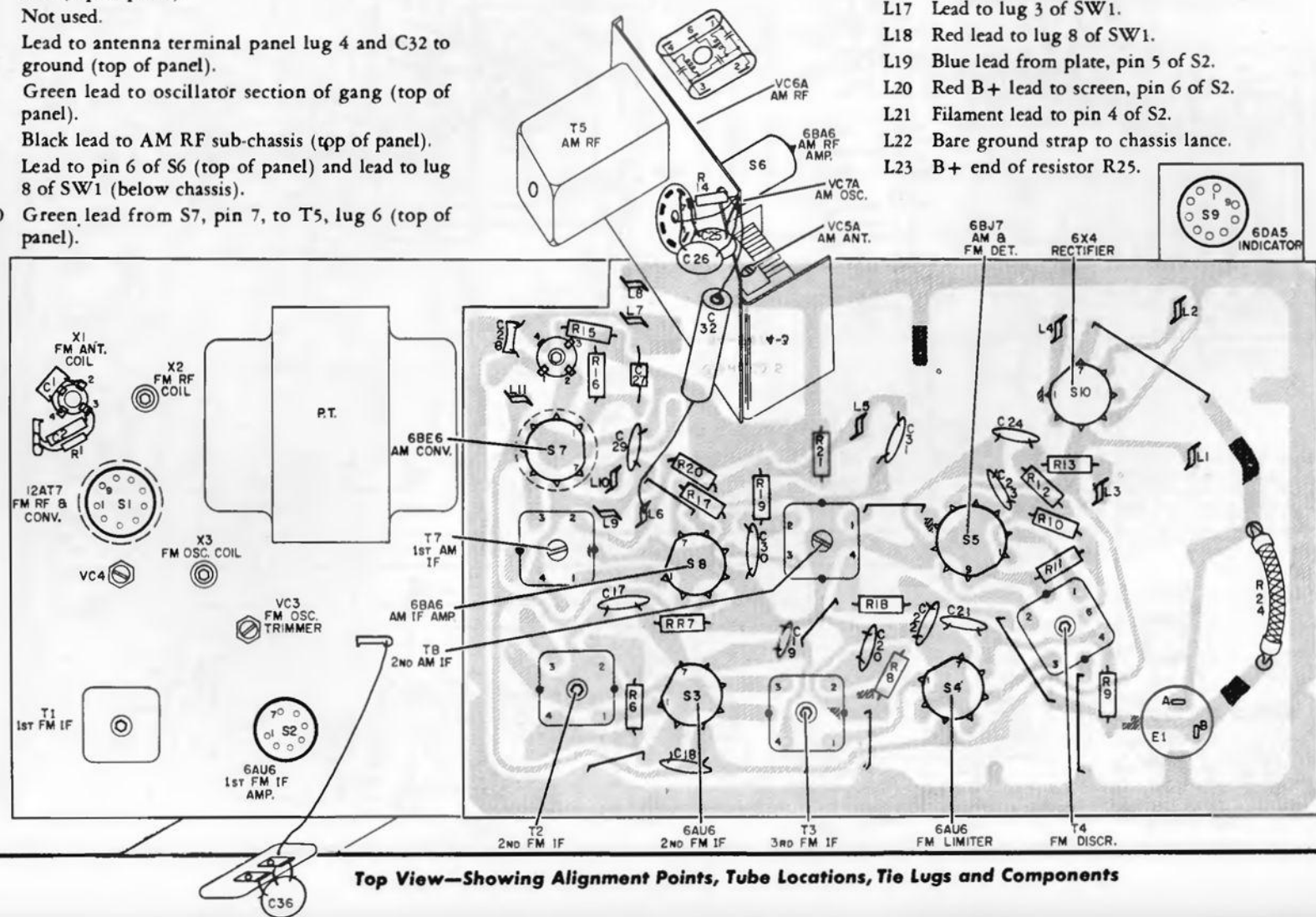
(More material on pages 112 and 113)

IDENTIFICATION OF "PERMA-CIRCUIT" TIE LUGS

- L1 Filament lead to pin 4 of 6DA5 (below panel) and pilot lamp lead (top of panel).
- L2 Yellow lead from power transformer to pin 6 of 6X4 (top of panel).
- L3 Lead from R13 to lug 12 of SW1 (below panel).
- L4 Yellow lead from power transformer to pin 1 of 6X4 (top of panel).
- L5 Not used.
- L6 Lead to antenna terminal panel lug 4 and C32 to ground (top of panel).
- L7 Green lead to oscillator section of gang (top of panel).
- L8 Black lead to AM RF sub-chassis (top of panel).
- L9 Lead to pin 6 of S6 (top of panel) and lead to lug 8 of SW1 (below chassis).
- L10 Green lead from S7, pin 7, to T5, lug 6 (top of panel).

PHILCO STEREO AM/FM TUNER MODEL RT-400

- L11 Black filament lead from power-transformer, brown pilot lamp lead and brown lead to pin 4 of S6 (top of panel).
- L12 Red lead to pin 9 of S9.
- L13 Lead to J1, the multiplix output jack.
- L14 Red lead to lug 8 of SW1.
- L15 R40 and C40 to SW1-10.
- L16 Bare wire to lugs 2 and 4 of SW1.
- L17 Lead to lug 3 of SW1.
- L18 Red lead to lug 8 of SW1.
- L19 Blue lead from plate, pin 5 of S2.
- L20 Red B+ lead to screen, pin 6 of S2.
- L21 Filament lead to pin 4 of S2.
- L22 Bare ground strap to chassis lance.
- L23 B+ end of resistor R25.



Top View—Showing Alignment Points, Tube Locations, Tie Lugs and Components

