



Model 9W93



RCA VICTOR



RADIO-PHONOGRAPH COMBINATION

MODEL 9W93 SERVICE DATA

—1949 No. 26—

GENERAL SERVICE DIVISION
RCA VICTOR COMPANY LIMITED
MONTREAL, QUE.

Electrical and Mechanical Specifications

TUNING RANGE

Standard Broadcast -----540-1600 KC
Short Wave -----5.8-18.2 MC
Intermediate Frequency -----455 KC

TUBE COMPLEMENT

(1) Type 6BA6 -----R.F. Amplifier
(2) Type 6BE6 -----Converter
(3) Type 6BA6 -----I.F. Amplifier
(4) Type 6AV6 -----Audio
(5) Type 6AV6 -----Det. A.V.C. Phase Inverter
(6) Type 6C4 -----Driver
(7) Type 6V6GT -----Output
(8) Type 6V6GT -----Output
(9) Type 5Y3GT -----Rectifier

Dial Lamps (2) -----Mazda 51

Pilot Lamp -----Mazda 51

Tuning Drive Ratio -----19.1 (9½ turns of knob)

POWER SUPPLY RATING

Rating A—105-125 Volts, 60 cycles, .75 amps.-----86 watts
Rating B—105-125 Volts, 25 cycles, .75 amps.-----86 watts

LOUDSPEAKER

Size and Type -----12 in. P.M.
Voice coil impedance -----2.2 ohms at 400 cycles

POWER OUTPUT

Undistorted -----7 watts
Maximum -----10 watts

RECORD CHANGER (RP-168)

Turnable Speed -----45 r.p.m.
Record capacity -----Eight 7 in. records
Pickup -----Crystal (Medium output)

RECORD CHANGER (RP178)

Turntable speed -----78 r.p.m.
Record capacity -----Ten 12 in. or twelve 10 in.
Pickup -----1.4 Volts at 1000 cycles across 500,000 ohm load.

CABINET DIMENSIONS

Height -----34 in.
Width -----32 in.
Depth -----17¼ in.

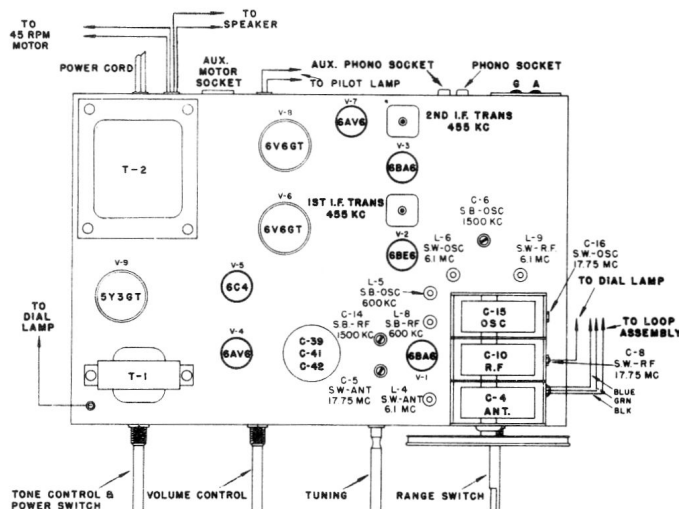


Fig. 1—Chassis Layout and Alignment Adjustments

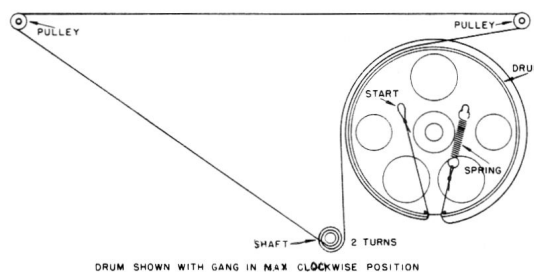


Fig. 2—Dial Cord Stringing.

For further information on Model 9W93 Receiver, RP168 and RP178 Record Changers, see the 9W91, RP168 and RP178 service notes.

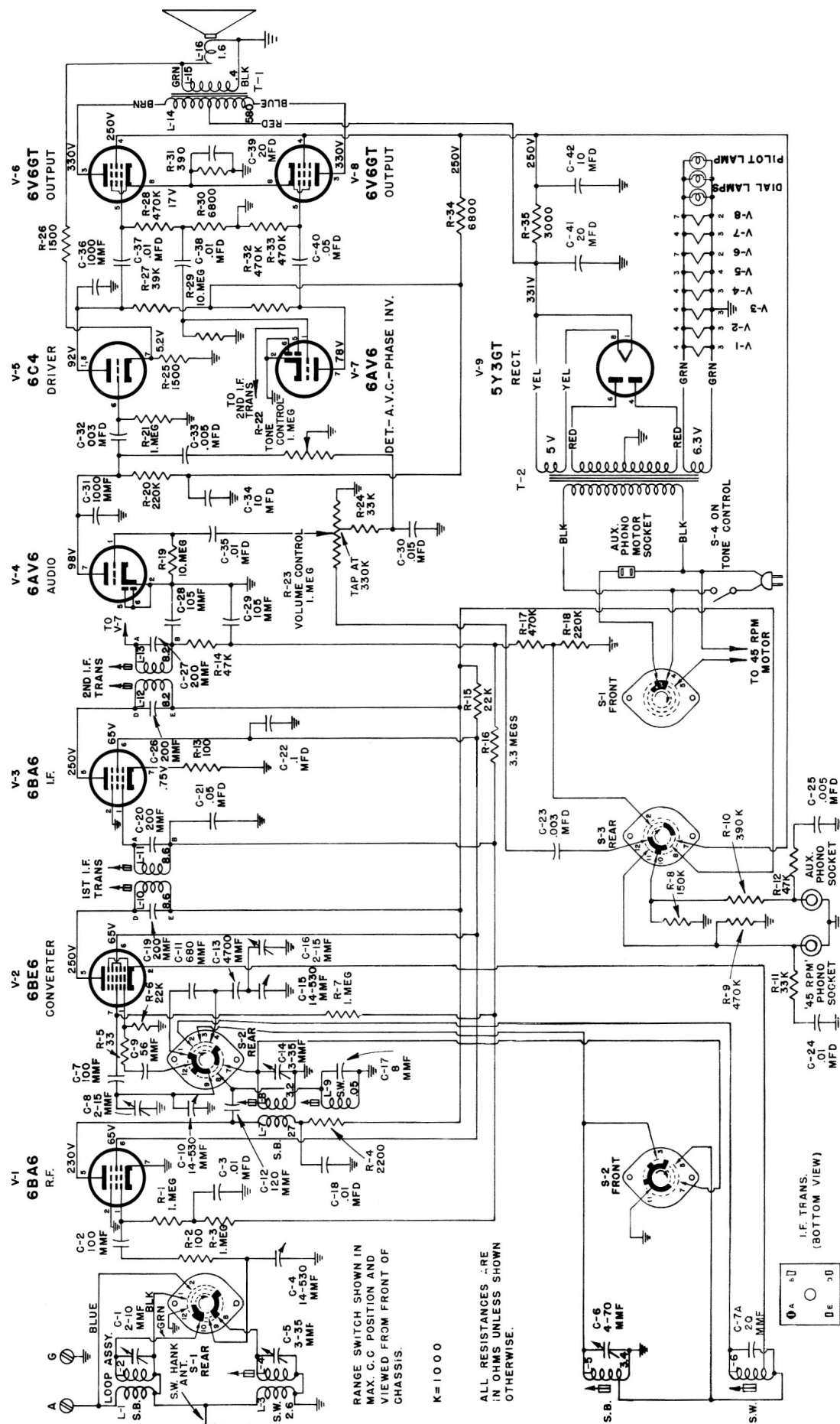


Fig. 3—Schematic Diagram