

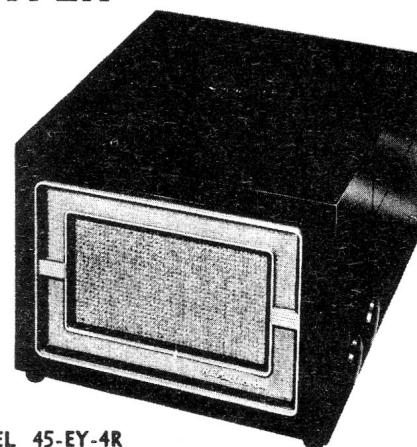


RCA VICTOR

AUTOMATIC RECORD PLAYER

MODEL 45-EY-4R

SERVICE DATA



MODEL 45-EY-4R

FOR RECORD CHANGER SERVICE INFORMATION—REFER TO RP-190 SERIES SERVICE DATA.

Tube Complement

1. RCA 12SC7 Amplifier and Phase Invert.
2. RCA 35L6-GT (2 tubes) Push-Pull Output
3. RCA 35Z5-GT Rectifier

Loudspeaker

Size and type 8" P.M.
Voice coil impedance 3.2 ohms at 400 cycles

Power Supply Rating

115 volts, 60 cycles A.C. 50 watts

Power Output

Undistorted 2.3 watts Maximum ... 3.2 watts

Dimensions (over-all)

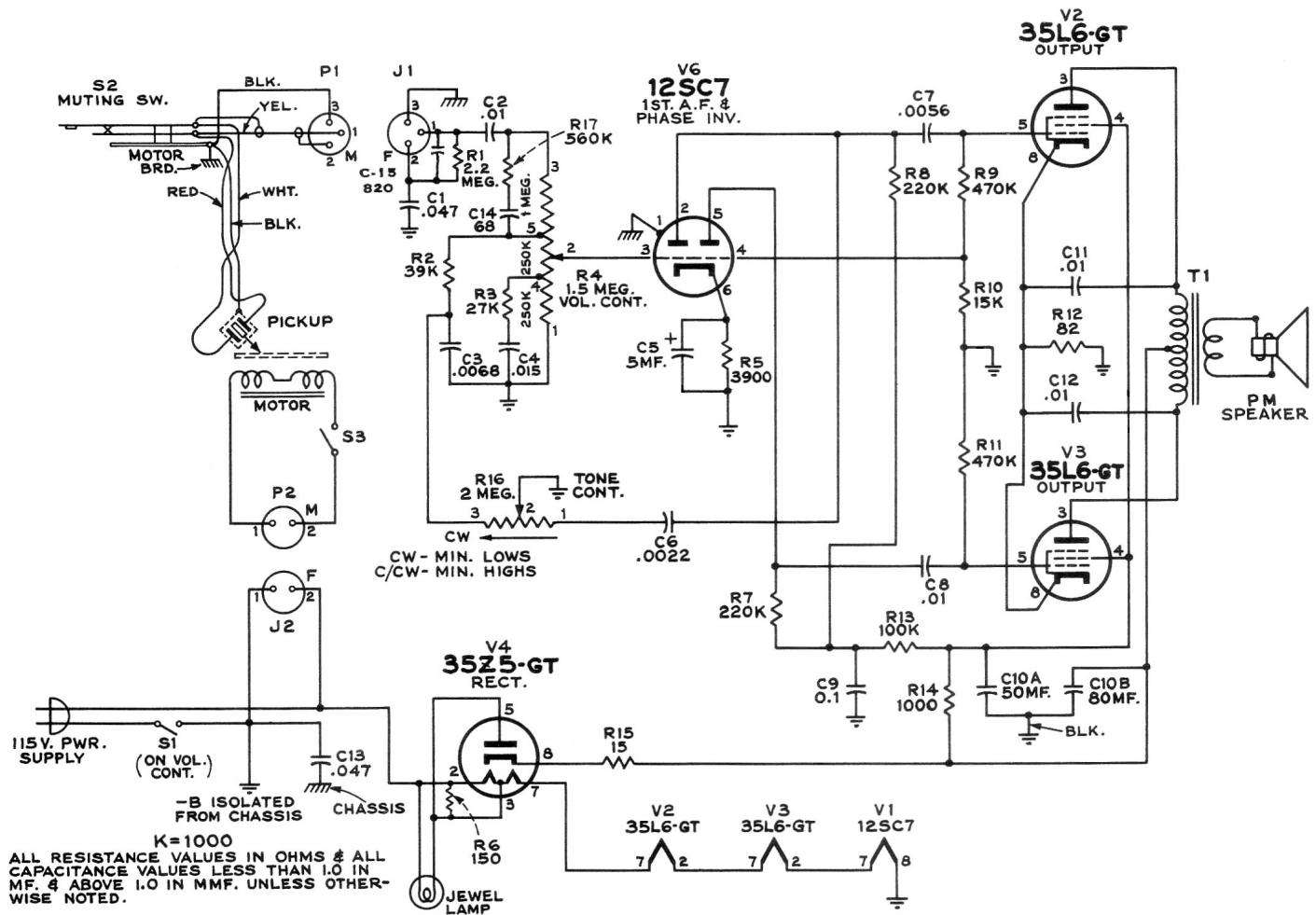
Height, 8 3/8" Width, 11 1/2" Depth, 13 1/2"

Record Changer RP190-2

Turntable speed 45 r.p.m.
Records used RCA-Type 7-inch fine groove
Record capacity Up to 14 records
Pickup Crystal

REPLACEMENT PARTS

STOCK No.	DESCRIPTION	STOCK No.	DESCRIPTION
	AMPLIFIER ASSEMBLIES		
76782	Bracket—Lamp bracket	54414	Socket—Tube socket
93514	Capacitor—Ceramic, 68 mmf. (C14)	73008	Transformer—Output transformer (T1)
74521	Capacitor—Electrolytic, 5 mfd., 50 volts (C5)		SPEAKER ASSEMBLIES
75980	Capacitor—Electrolytic, comprising 1 section of 50 mfd., 150 volts and 1 section of 80 mfd., 150 volts (C10A, C10B)	S20341	Speaker—8" P.M. speaker complete with cone and voice coil (3.2 ohms)
	Capacitor—Tubular, paper, .0025 mfd., 600 volts (C6)		MISCELLANEOUS
	Capacitor—Tubular, paper, .0056 mfd., 400 volts (C7)	76786	Board—Speaker baffle board and grille cloth
	Capacitor—Tubular, paper, .0068 mfd., 400 volts (C3)	76791	Bumper—Rubber bumper for cabinet lid (2 req'd)
	Capacitor—Tubular, paper, .01 mfd., 400 volts (C2, C8, C11, C12)	S20346	Cabinet—Plastic cabinet—maroon—complete with polystyrene escutcheon, rubber feet, baffle board and ventilating screens less lid, lid support and hinges
	Capacitor—Tubular, paper, .015 mfd., 600 volts (C4)	76789	Cap—Pilot lamp cap
	Capacitor—Tubular, paper, .047 mfd., 400 volts (C1, C13)	74273	Decal—"Victrola" decal
	Capacitor—Tubular, paper, .01 mfd., 400 volts (C9)	76793	Escutcheon—Polystyrene escutcheon complete with "RCA Victor" emblem
38975	Connector—2 contact female connector for motor cable (J2)	76787	Foot—Rubber foot (4 req'd)
36422	Connector—3 contact female connector for pickup cable (J1)	75697	Grommet—Rubber grommet for mounting changer (3 req'd)
S20342	Control—Tone control (R16)	75955	Hinge—Cabinet lid hinge
S20343	Control—Volume control and power switch (R4, S1)	76719	Knob—Control knob
75575	Crystal—Cartridge complete with stylus	76784	Lid—Plastic lid for cabinet less "Victrola" decal
74838	Grommet—Power cord strain relief (1 set)	76790	Nut—Speed nut to fasten pilot lamp cap
11765	Lamp—Pilot lamp—Mazda 51	76788	Screen—Ventilating screen (2 req'd)
	Resistor—Fixed, composition:—	74734	Spring—Spring clip for control knob
	15 ohms, $\pm 20\%$, 1 watt (R15)	76785	Support—Lid support
	82 ohms, $\pm 10\%$, 1 watt (R12)		
	150 ohms, $\pm 10\%$, 1/2 watt (R6)		
	1000 ohms, $\pm 20\%$, 1 watt (R14)		
	3900 ohms, $\pm 10\%$, 1/2 watt (R5)		
	15,000 ohms, $\pm 10\%$, 1/2 watt (R10)		
	27,000 ohms, $\pm 10\%$, 1/2 watt (R3)		
	39,000 ohms, $\pm 10\%$, 1/2 watt (R2)		
	100,000 ohms, $\pm 20\%$, 1/2 watt (R13)		
	220,000 ohms, $\pm 10\%$, 1/2 watt (R7, R8)		
	470,000 ohms, $\pm 10\%$, 1/2 watt (R9, R11)		
	560,000 ohms, $\pm 10\%$, 1/2 watt (R17)		
	2.2 megohm, $\pm 20\%$, 1/2 watt (R1)		
76783	Shield—Lamp shield		
76723	Socket—Pilot lamp socket and leads		



Schematic Diagram

Pickup Height Adjustment

Adjust knurled nut (A) until the distance (during change cycle between the top of the turntable and the stylus point is approximately $1\frac{1}{8}$ ".

Pickup Landing Adjustment

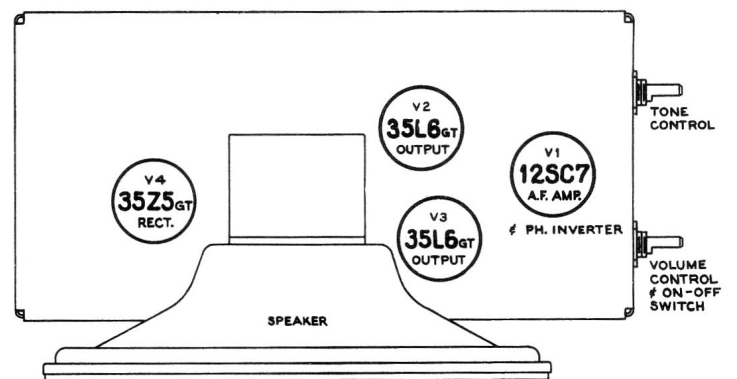
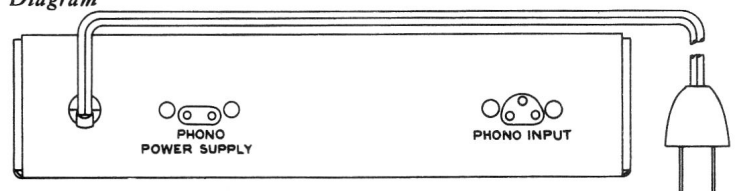
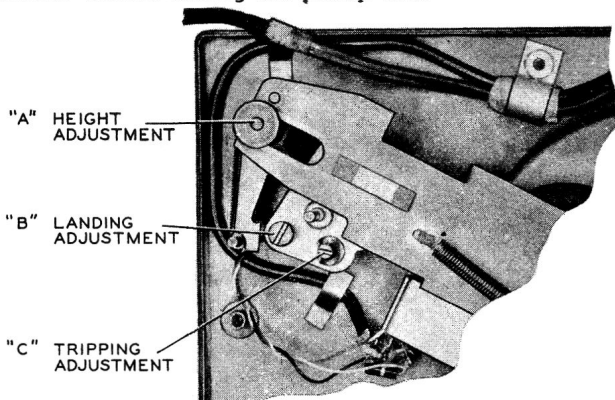
Adjust the screw driver landing adjustment stud "B" so the stylus lands $2\frac{5}{8}" \pm \frac{1}{64}"$ from the side of the center post.

Tripping Adjustment

Adjust the eccentric tripping stud (C) until the mechanism trips when the stylus is $1\frac{19}{32}"$ from the side of the center post.

Stop Dog Adjustment

Turn the eccentric screw (E) until the record drops to the turntable without striking the pickup arm.



Top View

