

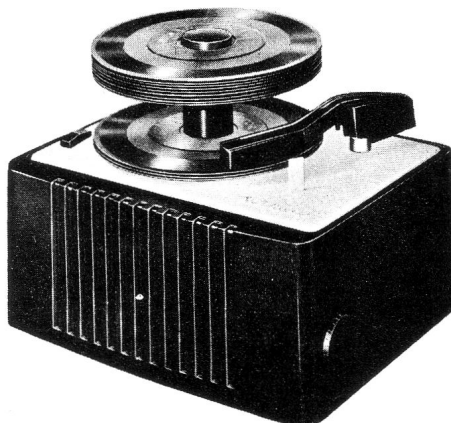


RCA VICTOR

Automatic Record Player

MODEL 45-EY-2R

SERVICE DATA



Electrical and Mechanical Specifications

Tube Complement

1. RCA 12AV6..... Amplifier
2. RCA 50C5..... Power amp. (Output)
3. RCA 35W4..... Rectifier

Loudspeaker

- Size and type..... 4x6" 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..... 1.2 watts Maximum..... 1.5 watts

Dimensions (over-all)

- Height, 8 $\frac{3}{8}$ " Width, 10 $\frac{5}{8}$ " Depth, 8 $\frac{3}{8}$ "

Record Changer RP-190-1

- Turntable speed..... 45 r.p.m.
Records used..... RCA-Type 7-inch fine groove
Record capacity..... 12 records
Pickup, Crystal (medium output)..... Stock No. 75476
Motor—115 volts, 60 cycles..... Stock No. 75760

REPLACEMENT PARTS FOR MODEL 45-EY-2R

Insist on Genuine Factory Tested Parts, which are readily identified and may be purchased from Authorized Dealers.

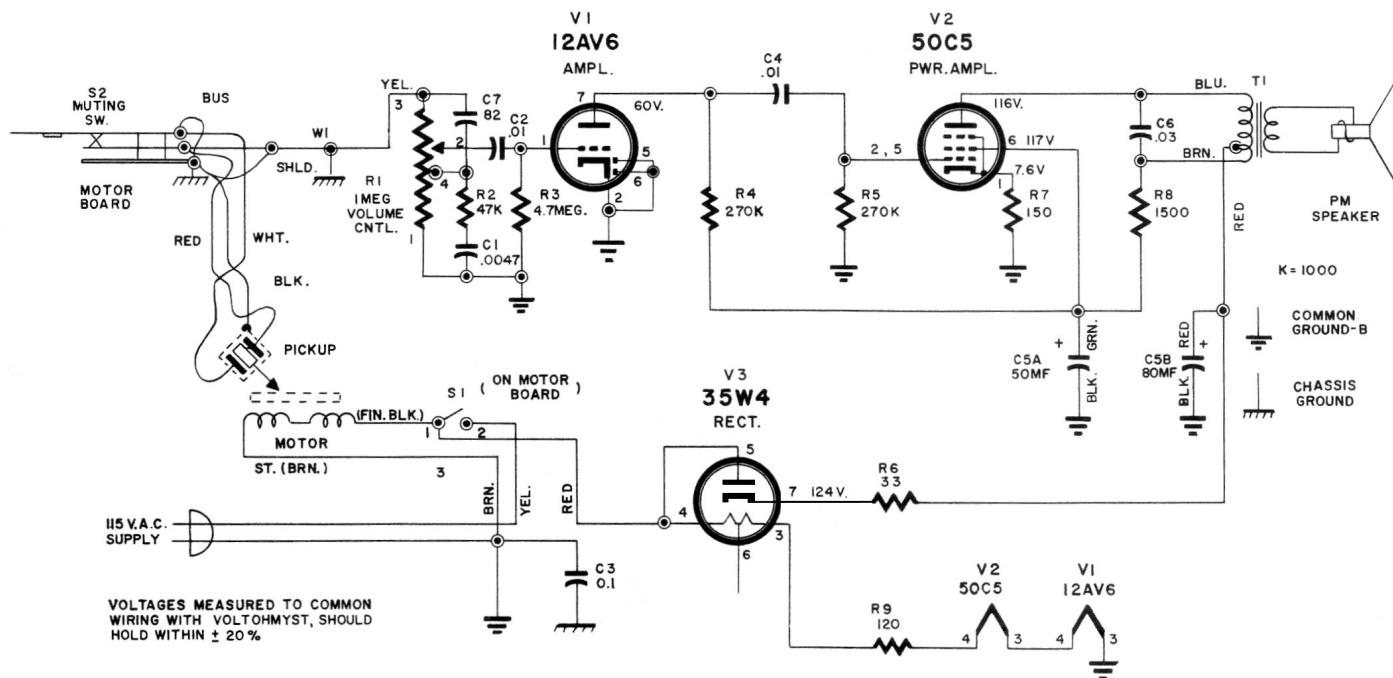
Symbol	Stock #	Description	Symbol	Stock #	Description
AMPLIFIER ASSEMBLIES					
C-1	75980	Capacitor - Tubular Paper - .005 mfd. 400V	R-7		Resistor - 150 ohms, 10%, 1/2 watt
C-2		Capacitor - Tubular Paper - .01 mfd. 400V	R-8		Resistor - 1500 ohms, 10%, 1/2 watt
C-3		Capacitor - Tubular Paper - .01 mfd. 400V	R-9	72314	Resistor - Wirewound - 120 ohms, 5 Watts
C-4		Capacitor - Tubular Paper - .01 mfd. 400V	T-1	75939	Transformer - Output Transformer
C-5A		Capacitor - Electrolytic - 50 mfd. 150V		75979	SPEAKER ASSEMBLY Speaker - 4"x6" PM speaker complete with cone and voice coil
C-5B		Capacitor - Electrolytic - 80 mfd. 150V	MISCELLANEOUS ASSEMBLIES		
C-6	39626	Capacitor - Tubular Paper - .03 mfd. 400V	Y2325		Cabinet - Plastic cabinet - maroon - less bottom
C-7		Capacitor - Mica - 82 mmf.	76203		Cover - Bottom cover complete with feet
R-1	76201	Control - Volume Control - 1 megohm	70392		Cord - Power cord and plug
R-2		Resistor - 47,000 ohms, 10%, 1/2 watt	75697		Grommet - Rubber grommet to mount changer (3 req'd)
R-3		Resistor - 4.7 megohm 20%, 1/2 watt	*S-20347		Knob - Volume Control Knob
R-4		Resistor - 270,000 ohms, 10%, 1/2 watt	73117		Socket - Tube Socket - 7 pin miniature
R-5		Resistor - 270,000 ohms, 10%, 1/2 watt	70827		Socket - Tube Socket - octal wafer
R-6	73237	Resistor - Wirewound - 33 ohms, fuse type	74734		Spring - Spring clip for Volume Control Knob

* Indicates new stock items

Only items listed under stock numbers are available as Replacement Parts.
All parts subject to change or withdrawal without notice.

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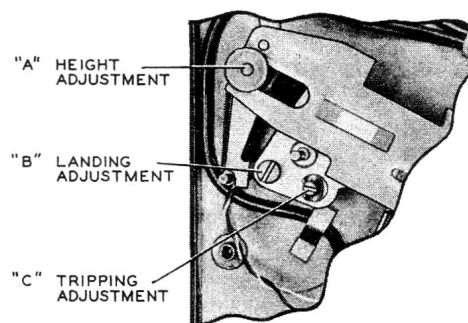
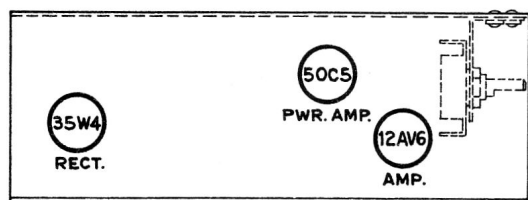
HOME INSTRUMENT SERVICE DIVISION
RCA VICTOR COMPANY LTD.
MONTREAL, CANADA



Schematic Diagram

Critical Lead Dress

1. Dress all leads away from R6 and R9
2. Dress electrolytic capacitor away from R6 and R9
3. Dress filament leads down to chassis
4. Solder braid of W-1 such that it acts as a strain relief



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 $2\frac{3}{8}'' \pm \frac{1}{64}''$ from the side of the center post.

Tripping Adjustment

Adjust the eccentric tripping stud (C) until the mechanism trips when the stylus is $1\frac{1}{32}$ " 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.

