

Model HF-195 The "Mark VIII"
Mahogany, Oak or Maple



RCA VICTOR



High-Fidelity Record Player

MODEL HF-195

Record Changer RP-190D-5

SERVICE DATA

— 1956 No. 28 —

ISSUED BY

GENERAL SERVICE DEPARTMENT
RCA VICTOR COMPANY, LTD.
MONTREAL, CANADA

TUBE COMPLEMENT

- (1) RCA 12AX7 A.F. Amplifier & Phase Inv.
- (2) RCA 35C5 Output
- (3) RCA 35C5 Output
- (4) RCA 35W4 Rectifier

POWER SUPPLY RATING

115 volts, 60 cycles..... 50 watts

POWER OUTPUT

Undistorted..... 2.1 watts Maximum..... 3.2 watts

FREQUENCY RESPONSE..... 85 to 20,000 cycles

DIMENSIONS (Overall)

Height 9 1/4" Width 14 3/4" Depth 13 1/2"

LOUDSPEAKERS

- One 6 1/2" PM "woofer"..... 3.2 ohm v.c.
- One 3 1/2" PM "tweeter"..... 6.4 ohm v.c.

RECORD CHANGER (RP-190D-5)

- Turntable speed..... 45 r.p.m.
- Record capacity..... Up to fourteen 7 inch records
- Pickup (Stock No. 79791)..... Ceramic
- Equipped with synthetic sapphire stylus.

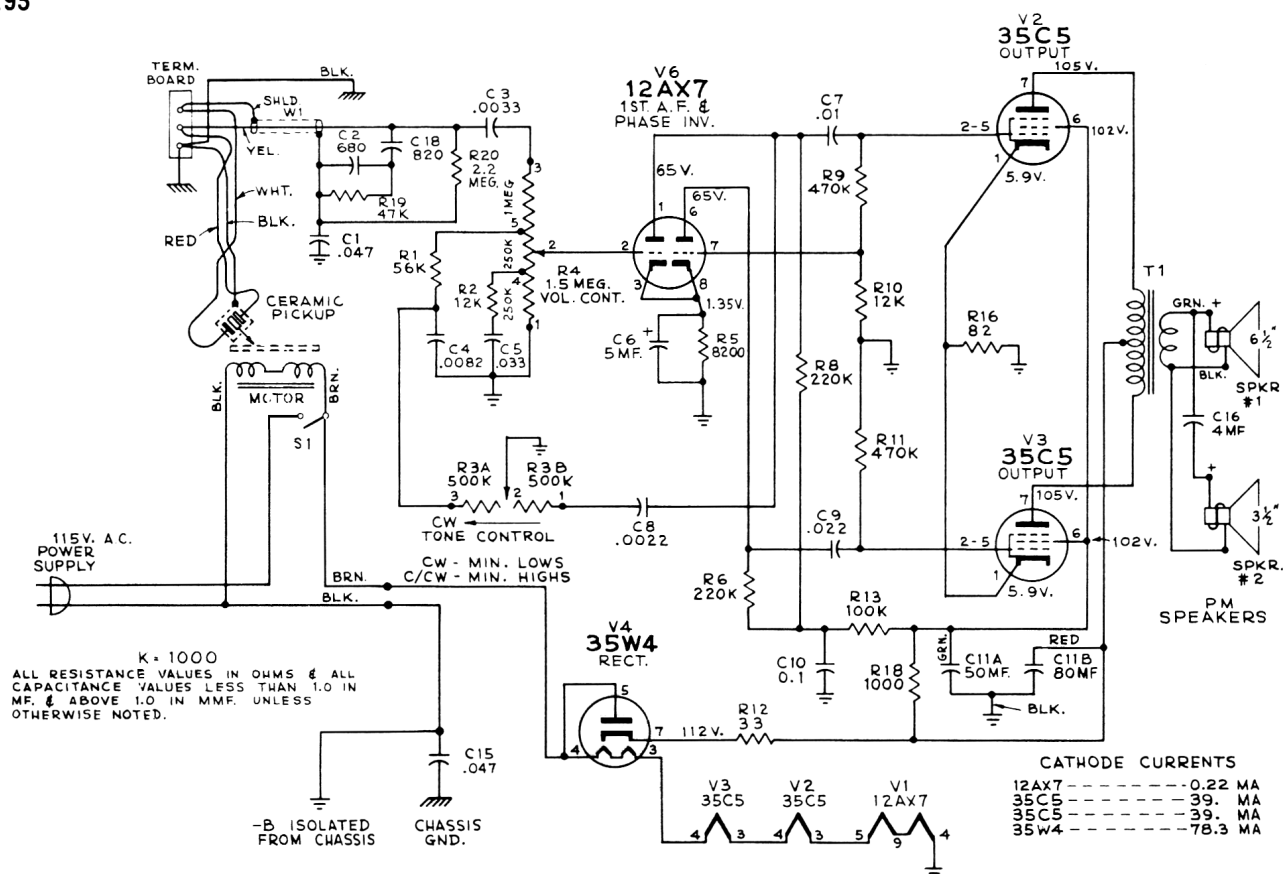
REPLACEMENT PARTS

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

SYMBOL NO.	STOCK NO.	DESCRIPTION	SYMBOL NO.	STOCK NO.	DESCRIPTION
AMPLIFIER ASSEMBLY RS-159			R19		Resistor—Fixed, composition, 47,000 ohms, $\pm 10\%$, 1/2 w.
C1		Capacitor—Fixed, paper, 0.047 mf., $\pm 20\%$, 400 v.	R20		Resistor—Fixed, composition, 2.2 megohms, $\pm 10\%$, 1/2 w.
C2		Capacitor—Fixed, ceramic, 680 mmf., $\pm 10\%$, 500 v.	S1		Switch—"On-Off" (Part of Record Changer)
C3		Capacitor—Fixed, paper, 0.0033 mf., $\pm 10\%$, 400 v.	T1	100466	Transformer—Output transformer
C4		Capacitor—Fixed, paper, 0.0082 mf., $\pm 10\%$, 400 v.		101375	Socket—Tube socket 7 pin miniature for V2, V3 & V4
C5	79015	Capacitor—Fixed, paper, 0.033 mf., $\pm 10\%$, 200 v.		100474	Socket—Tube socket 9 pin miniature for V1
C6	74521	Capacitor—Electrolytic, 5 mf., 50 volts	RECORD CHANGER WIRING ASSEMBLY		
C7	73561	Capacitor—Fixed, paper, 0.01 mf., $\pm 10\%$, 400 v.		101825	Connector—Closed end connector for power lead
C8	73595	Capacitor—Fixed, paper, 0.0022 mf., $\pm 10\%$, 600 v.		79351	Cord—AC power cord and plug
C9	73562	Capacitor—Fixed, paper, 0.022 mf., $\pm 10\%$, 400 v.	SPEAKER ASSEMBLIES		
C10	73551	Capacitor—Fixed, paper, 0.1 mf., $\pm 20\%$, 400 v.		100465	Speaker—3 1/2" PM speaker complete with cone. Speaker stamped.
C11A			S-21319		Speaker—6 1/2" PM speaker complete with cone. Speaker stamped.
C11B	75980	Capacitor—Electrolytic, 50/80 mf., 150 v.	C16	100565	Capacitor—Electrolytic, 4 mf., 10 v. AC
C15	73553	Same as C1	MISCELLANEOUS		
C16	100565	Part of Speaker Assembly		102775	Cushion—Brown felt cushion for cabinet lid
C18	102356	Capacitor—Fixed, ceramic, 820 mmf., $\pm 10\%$, 500 v.		103012	Foot—Plastic cabinet foot — medium brown — for mahogany and maple cabinets
R1		Resistor—Fixed, composition, 56,000 ohms, $\pm 10\%$, 1/2 w.		102514	Foot—Plastic cabinet foot — light tan — for oak cabinet
R2		Resistor—Fixed, composition, 12,000 ohms, $\pm 10\%$, 1/2 w.		102513	Hinge—Cabinet lid hinge
R3A, R3B	102682	Control—Tone control		102679	Knob—Control knob — dark wine — for mahogany cabinet
R4	102681	Control—Volume control		102680	Knob—Control knob — taupe — for oak cabinets
R5		Resistor—Fixed, composition, 8200 ohms, $\pm 10\%$, 1/2 w.		103167	Knob—Control knob — tan — for maple cabinets
R6		Resistor—Fixed, composition, 220,000 ohms, $\pm 10\%$, 1/2 w.		100641	Nameplate—"New Orthophonic High Fidelity RCA Victor" nameplate
R8		Same as R6		74734	Spring—Retaining spring for control knob
R9		Resistor—Fixed, composition, 470,000 ohms, $\pm 10\%$, 1/2 w.			
R10		Same as R2			
R11		Same as R9			
R12		Resistor—Fixed, composition, 33 ohms, $\pm 20\%$, 1 w.			
R13		Resistor—Fixed, composition, 100,000 ohms, $\pm 10\%$, 1/2 w.			
R16		Resistor—Fixed, composition, 82 ohms, $\pm 10\%$, 1 w.			
R18		Resistor—Fixed, composition, 1000 ohms, $\pm 20\%$, 1 w.			

Only items listed under stock numbers are available as Replacement Parts.

All parts subject to change or withdrawal without notice

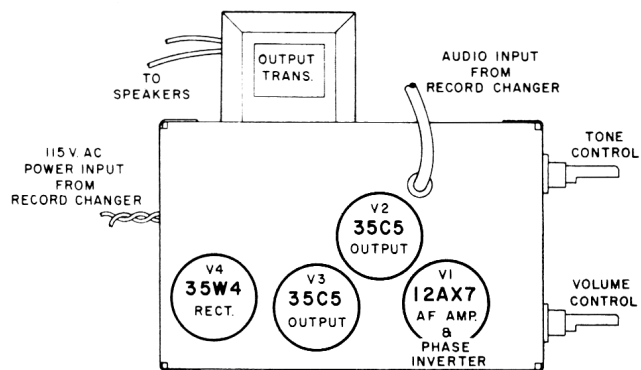


Schematic Diagram

RP-190D-5 Record Changer

Service procedure and replacement parts for this record changer are the same as for RP-190B-1 except as listed below. "Illustration numbers" refer to RP-190 Series Service Data.

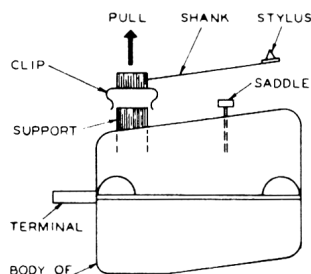
ILLUS. NO.	STOCK NO.	DESCRIPTION
7	101685	Knob—Control knob—antique white
9	101690	Motorboard — Motorboard subassembly with welded and/or staked studs and pickup arm rest—satin gold enamel
14	101684	Cap—Spindle nose cap—antique white
16	79791	Pickup—Ceramic pickup complete with stylus
16C	79849	Stylus—Synthetic sapphire stylus for #79791 pickup
24	101692	Arm—Pickup arm shell only—antique white
25	79792	Cable—3-wire twisted pickup arm cable complete with connectors
		Items No. 23 Nameplate, No. 31 Counterbalance spring and No. 68 Muting switch are not used on RP-190D-5



Chassis Top View

STYLUS REPLACEMENT

To remove stylus, grip with tweezers at back end and pull away from the pickup. The shank of the stylus holder is imbedded in a rubber block which is set in a "U" shaped spring clip. This spring clip holds the stylus assembly to a plastic support. The shank of the stylus rests in a metal saddle. When replacing stylus, make certain that shank rests firmly in saddle.



ACCESS TO TUBES

Remove compartment panel—between record changer compartment and front of cabinet.

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