



Model VE-55A



RCA VICTOR



AUTOMATIC RECORD PLAYER

MODEL VE-55A

SERVICE DATA

— 1955 No. 25 —

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

ELECTRICAL AND MECHANICAL SPECIFICATIONS

Tube Complement

1. RCA 12SQ7 A.F. Amplifier
2. RCA 50L6-GT Output
3. RCA 35W4 Rectifier

Power Supply Rating

115 volts, 60 cycles A.C. 50 watts

Loudspeaker

Size and type 4" x 6" PM
Voice coil impedance 3.2 ohms at 400 cycles

Power Output

Undistorted 1.2 watts Maximum 1.5 watts

Dimensions (overall)

Height 10 3/4" Width 13 7/8" Depth 13 1/2"

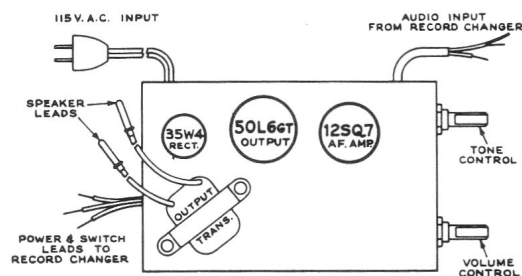
Weight

Net weight 15 lbs.

Record Changer (124330 Series)

Turntable speed 33 1/3, 45 or 78 r.p.m.
Record capacity Up to fourteen 7 inch RCA type
or twelve 10 inch.
or ten 12 inch.
or ten 10 in. and 12 in. intermixed.

Pickup (Stock No. 75475) .. Crystal with replaceable styli.



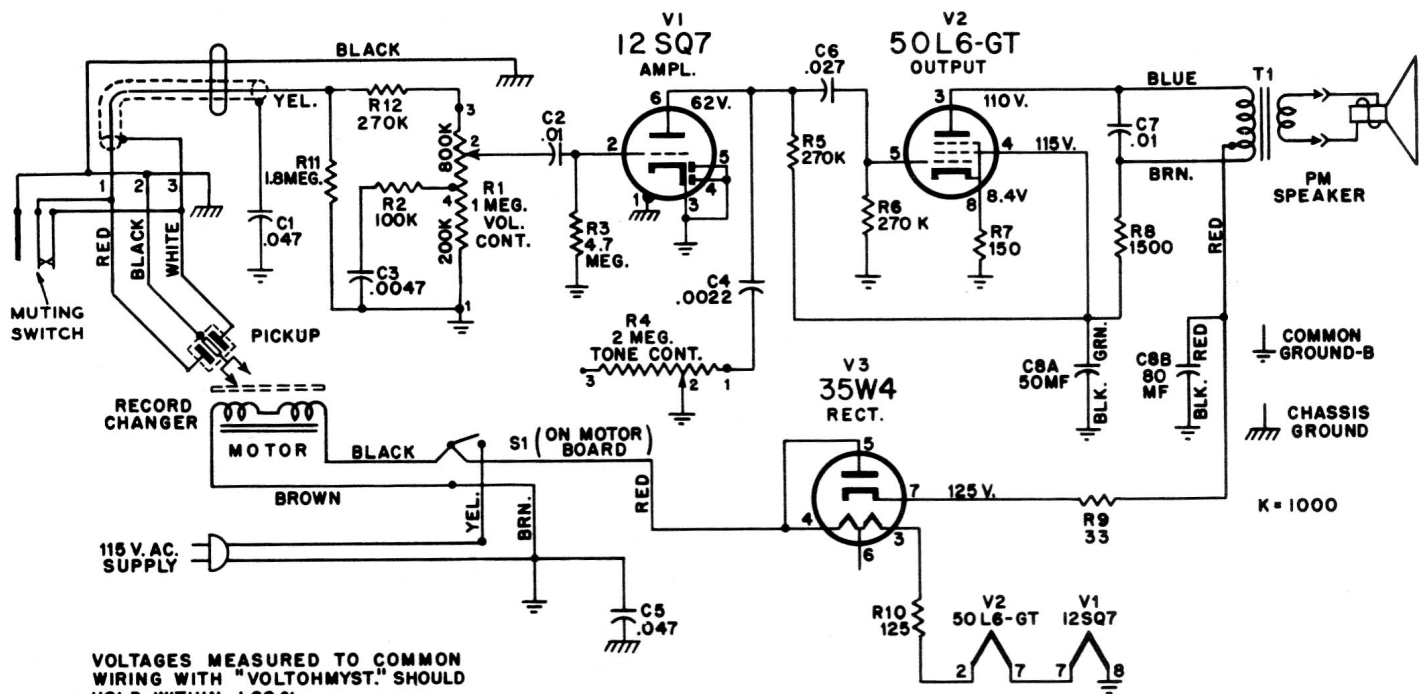
Amplifier Top View

CRITICAL LEAD DRESS

1. Dress R₃ down next to chassis.
2. Dress all leads away from R₉ and R₁₀.
3. Dress power cord and other A.C. leads down next to chassis.
4. Connect C₂ and C₄ with short leads.
5. Dress electrolytic capacitor leads away from audio input circuit.

REPLACEMENT PARTS

STOCK No.	DESCRIPTION	STOCK No.	DESCRIPTION
	AMPLIFIER ASSEMBLIES		
*S-20071	Capacitor—Electrolytic comprising one section of 50 mfd., 150 volts and one section of 80 mfd., 150 volts—(C8A, C8B)		Resistor—100,000 ohms, 10%, 1/2 watt ----(R2)
	Capacitor—Tubular, paper, .0022 mfd. 600 volts -----C4		Resistor—270,000 ohms, 10%, 1/2 watt (R5,R6,R12)
	Capacitor—Tubular, paper, .0047 mfd. 600 volts -----C3		Resistor—1.8 megohms, 10%, 1/2 watt----- (R11)
	Capacitor—Tubular, paper, .01 mfd. 400 volts -----C2, C7		Resistor—4.7 megohms, 20%, 1/2 watt----- (R3)
	Capacitor—Tubular, paper, .027 mfd. 400 volts -----C6	*S-20069	Transformer—Output Transformer -----(T1)
	Capacitor—Tubular, paper, .047 mfd. 400 volts -----C1, C5		SPEAKER ASSEMBLY
75562	Control—Tone control ----- (R4)	*S-20067	Speaker—4" x 6" P.M. Speaker complete with cone and voice coil (3.2 ohms)
*S-20068	Control—Volume control ----- (R1)		MISCELLANEOUS ASSEMBLY
	Resistor—wire wound, 125 ohms, 5 watts-- R10	*S-20066	Cabinet—Plastic cabinet—Maroon
	Resistor—33 ohms, 20%, 1 watt----- (R9)	S-20029	Cloth—Grille cloth
	Resistor—150 ohms, 10%, 1/2 watt ----- (R7)	*S-20070	Knobs—Control knobs
	Resistor—1500 ohms, 10%, 1/2 watt ----- (R8)		(*) Indicates new stock items.



Schematic Diagram

RECORD CHANGER MODEL 1200

General Description

The record player model VE-55A incorporated two types of record changer mechanisms. The early production models incorporate the RCA Changer 124330 Series, later production models incorporate the Audio Tool Model 1200, Works Assembly.

This model is identical to the Model 124330, with the exception of the works assembly.

For parts which are not common to the 124330 Record changer Mechanism please refer to exploded mechanical view and replacement parts list.

MODEL 1200—WORKS ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	S-21119	Spindle shaft	31		Push rod
2		"C" washer - main gear assembly	32		Spring - 7" set down lever
3		Washer	33	S-21128	7" set down lever
4	S-21120	12" record selector	34		Washer - flat steel 7" set down lever
5		"C" washer	35		Screw 6-32 x 1/4" - 7" set down lever
6		Rubber bumper	36	S-21129	Reset lever
7		Compression spring	37		Spring - reset lever
8		"C" washer	38		Washer - flat steel - reset lever
9	S-21121	Lift pin	39		Screw 6-32 x 1/4" reset lever
10		Speed nut spring 12" record selector	40		Spring for shut off lever
11		Spring - 12" record selector	41	S-21130	Lever assembly - shut off
12	S-21122	Die cast frame	42	S-21131	Muting switch bracket assembly
13		Screw #10-24 x 5/16	43		Spring - retard arm
14		Reject spring	44		Screw 4-40 Hex head
15	S-21123	Control shaft assembly	45	S-21132	Rear assembly
16	S-21124	Switch	46		"C" washer
17		Return spring pickup arm	47		Spring
18		Fibre insulating strip	48	S-21133	Pawl lever
19		Locator and bushing assembly	49	S-21134	Pawl spring
20		Retainer ring - locator plate	50	S-21135	Trip lever assembly
21		Switch cover	51		Trip link
22		Retainer - switch cover hold down	52		"C" washer - slide retainer
23	S-21125	Trip finger cam and shaft assembly	53	S-21136	Slide assembly
24	S-21126	Retard lever	54		Spring - slide bearing
25		Lift pin spring	55	S-21137	Slide bearing
26		"C" washer - lift pin spring	56		Screw 6-32 x 1/2"
27		Set screw - 8#-32 x 1/4"	57		Flat washer
28	S-21127	Ball bearing (spindle)	58		Screw 6-32 x 1/4 slide adn cam assembly
29		"C" washer	59	S-21138	Ejector - bracket assembly
30		Safety spring	60		Screw #10-24 x 5/16"
			61	S-21139	Spring - escape lever

Parts Not Listed Under Stock Numbers Not Stocked.