

Service Notes for

RCA Victor Portable Turntable PT-33

ELECTRICAL SPECIFICATIONS

Voltage Rating.....105-125 Volts	Type of Magnetic Pickup.....Low Impedance
Frequency Rating.....25, 30, 50 and 60 Cycles	Type of Tone Arm.....Straight
Power Consumption..... 25 ^w 30 Watts, 30 ^w 33 Watts, 50 ^w 32 Watts, 60 ^w 30 Watts	Diameter of Turntable.....12 inches

PHYSICAL SPECIFICATIONS

Height.....9 $\frac{1}{8}$ inches	Width.....18 $\frac{1}{4}$ inches
Depth.....13 $\frac{1}{2}$ inches	Weight Alone.....25 lbs.
Weight Packed for Shipment.....32 lbs.	

RCA Victor Portable Turntable PT-33 is a portable two-speed turntable combined with a magnetic pickup, tone compensator and input transformer which may be used in conjunction with modern radio receivers to play either Standard or Program Transcription Records.

The instruction for connecting this instrument to various RCA-Victor receivers are included with each instrument. Service data pertaining to the magnetic pickup, speed reducer and phonograph motor is contained in previous Service Notes already issued on instruments using the similar units. The schematic and wiring diagrams are shown on the following pages and the replacement parts are listed below.

REPLACEMENT PARTS

Stock No.	DESCRIPTION	List Price	Stock No.	DESCRIPTION	List Price
	MOTOR BOARD ASSEMBLY		2879	Adapter—Special adapter to connect control board to detector tube—Package of 5.....	\$1.00
X-53	Motor board.....	\$3.50	2908	Spring—Pawl carrier spring—Package of 10.....	.50
2614	Switch—Automatic brake switch.....	1.40	3052	Screw assembly—Pickup pole shoe mounting screw, nut and washer—Package of 10 sets.....	.50
2620	Cushions—Pickup rubber cushions comprising 2 pivots and 1 damper cushion—Package of 5 sets.....	1.25	3157	Gear—Driving gear—Located on turntable spindle above top plate.....	1.00
2765	Screw—Pickup needle holding screw—Package of 10.....	.80	3159	Friction brake—Gear reducing friction brake spring with pad—Complete with mounting rivet—Package of 4.....	2.00
2766	Screw—Pickup cover mounting screw—Package of 10.....	.50	3160	Escutcheon—Speed escutcheon plate with mounting screws—Package of 2.....	.90
2767	Spring—Pickup magnet retaining spring—Package of 10.....	.50	3161	Spring—Shift lever spring—Package of 5.....	1.20
2768	Armature—Pickup armature.....	.50	3167	Magnet—Pickup magnet.....	2.60
2769	Coil—Pickup coil.....	.50	3169	Pole shoe—R. H. pole shoe.....	1.45
2770	Plate—Pickup damper plate complete—Package of 5.....	.50	3170	Pole shoe—L. H. pole shoe.....	1.45
2771	Screw—Pickup damper plate mounting screw—Package of 10.....	.50	3211	Washer — Turntable spindle leather washer—Package of 10.....	.50
2828	Screw assembly — Pickup mounting screw nut and washer—Package of 10 sets.....	.60	3212	Spring — Turntable spindle plunger spring—Package of 10.....	.50
2870	Resistor—600 ohms—Carbon type— $\frac{1}{4}$ watt—For control panel—Package of 5.....	1.50	3278	Bearing—Rotor shaft fibre thrust bearing and cork button—Package of 10.....	.50
2871	Resistor—5,000 ohms—Carbon type— $\frac{1}{2}$ watt—For control panel—Package of 5.....	1.50	3279	Screw and nut—Rotor shaft thrust bearing adjusting screw and locknut—Package of 10.....	.50
2875	Knob—Record volume control knob—Package of 5.....	1.50	3280	Washer—Metal washer—Located on turntable spindle underneath gear reducing unit—Package of 20.....	.50
2878	Cable—Control board cable.....	1.30			

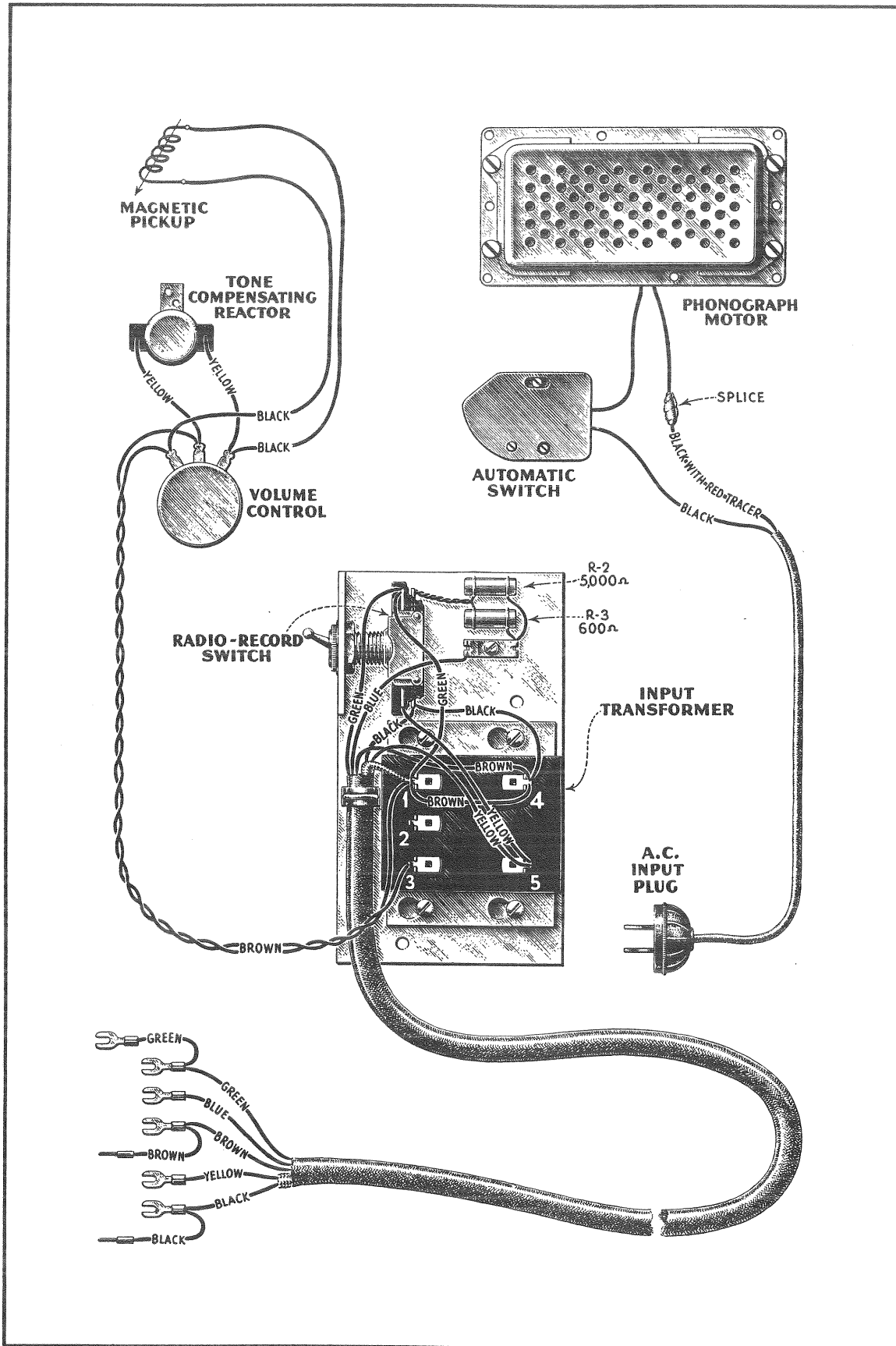


Figure 1—Assembly Wiring



SERVICE DIVISION

RCA Victor Company, Inc.

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