



K-170



K-171



K-172



K-173



K-174



RCA VICTOR



PORTABLE RECORD PLAYER

MODELS

K-171

K-172

K-173

K-174

K-170 RECORD PLAYER ATTACHMENT

SERVICE DATA

—1956 No. 20—

ISSUED BY

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

ELECTRICAL AND MECHANICAL SPECIFICATIONS

	K-170	K-171	K-172	K-173	K-174
Turntable Speeds	3 speeds	— 33-1/3	— 45	78 RPM	
Pickup	Crystal	Crystal	Crystal	Crystal	Crystal
Tube Complement					
Audio Amplifier			6SJ7	6SJ7	
Power Output		25L6GT	25L6GT	25L6GT	25L6GT
Rectifier		Selenium	Selenium	Selenium	Selenium
Loudspeaker		4" PM	4" PM	4" PM	4" PM
Record Changer Mechanism	Alliance	Alliance	Alliance	Alliance	Alliance

OPERATION

Turn OFF-ON-VOLUME knob clockwise about one-half turn. Allow brief warm-up.

Before playing 45 r.p.m. records, lift up and gently turn the "45" SPINDLE counterclockwise, it will readily seat itself in a raised position.

Turn NEEDLE SELECTOR lever so that "33-45" is on top of lever when playing 33 1/3 or 45 r.p.m. records; turn SELECTOR so that "78" appears on top of lever when playing 78 r.p.m. records.

Move SPEED CONTROL lever to "33 1/3," "45," or "78," depending on speed of record to be played.

Set PICKUP needle at start of record; adjust volume and/or tone as desired.

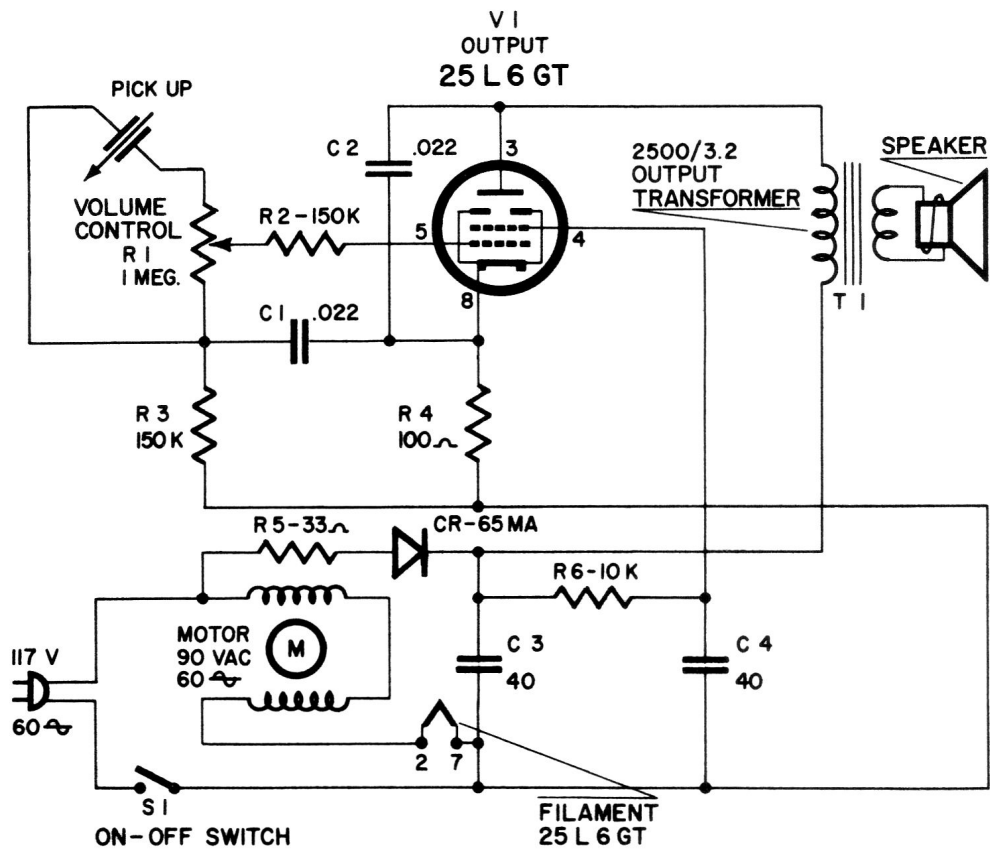
When you finish playing records, return PICKUP ARM to REST, turn power "off" (turn OFF-ON-VOLUME knob counterclockwise until a soft "click" is heard).

IMPORTANT

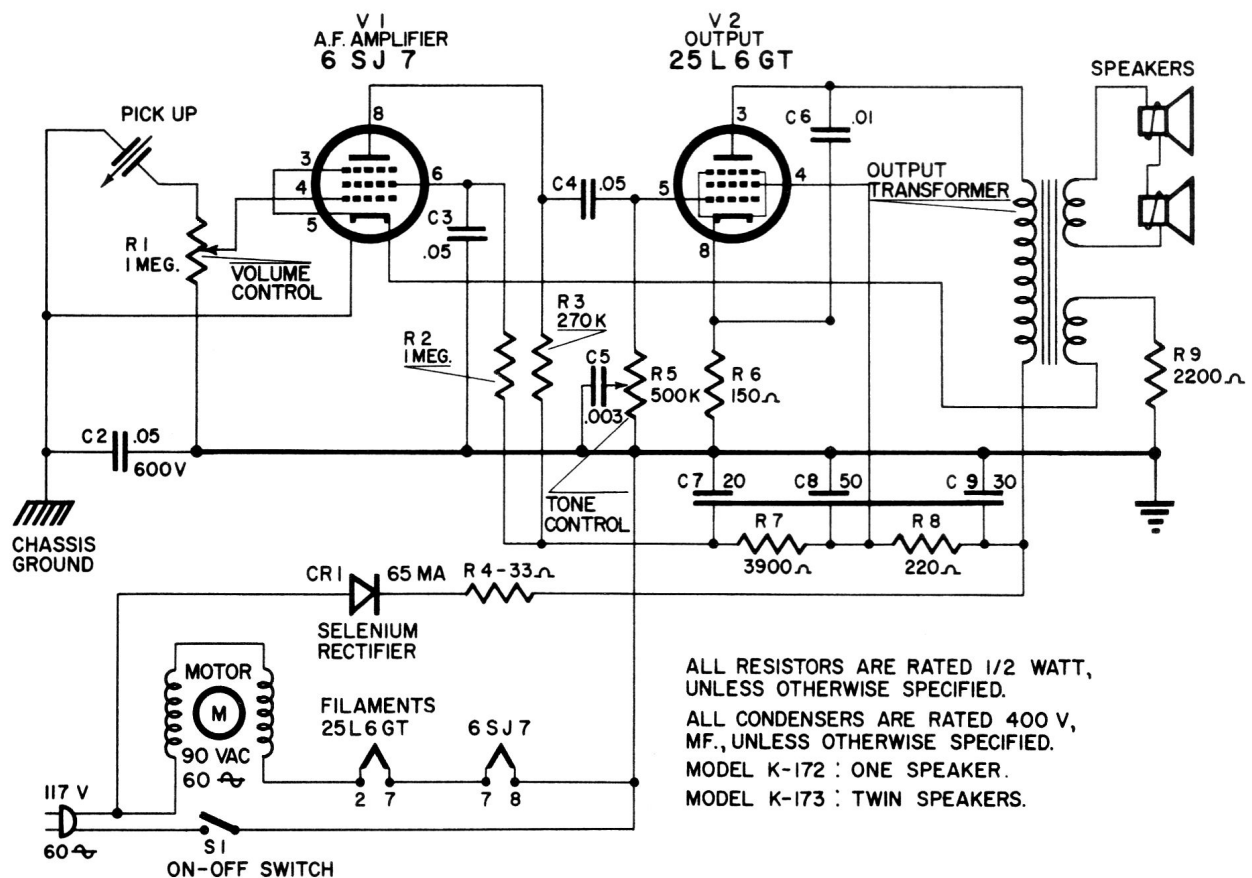
The speed selector lever must be kept in the maximum clockwise position (adjacent to "78" position) when the instrument is not in use. Failure to do this will result in deformation of the idler wheel tire.

This position of the speed selector lever is for the purpose of disengaging the idler wheel from contact with the motor spindle. IT DOES NOT SHUT OFF THE ELECTRICAL POWER TO EITHER THE MOTOR OR AMPLIFIER.

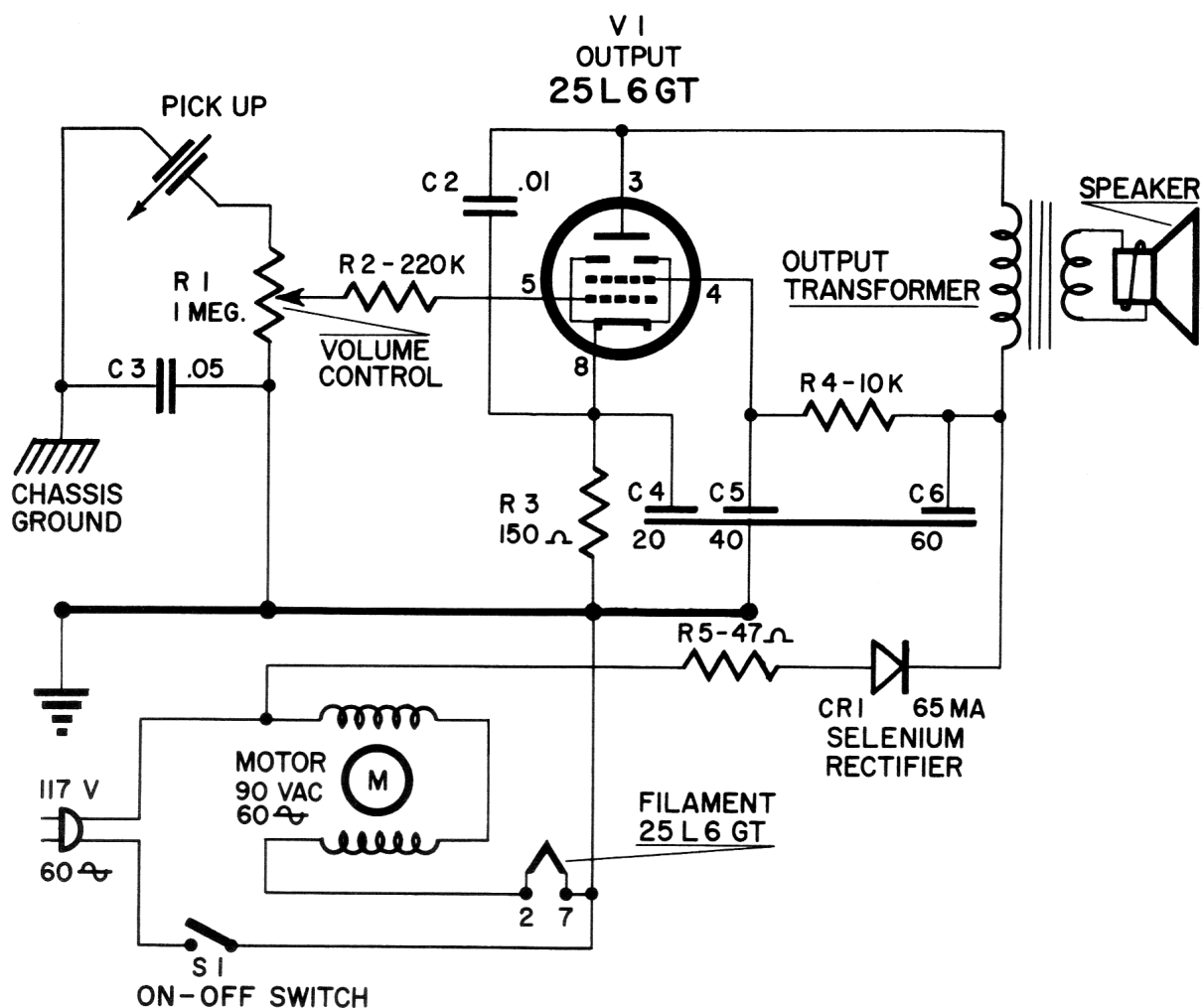
The pickup arm must be secured to its rest when the instrument is to be carried.



Schematic Diagram for K-171



Schematic Diagram for K-172, K-173

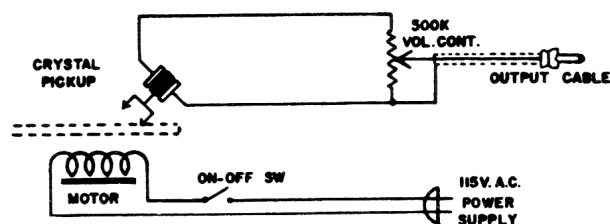
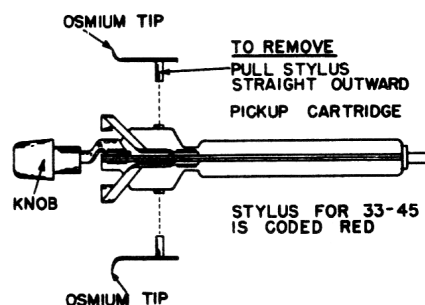


Schematic Diagram for K-174

STYLUS REMOVAL

Each stylus is mounted on a short pin which fits into a socket on the pickup. To remove a stylus, pull straight outward away from pickup; it is held in place only by pressure fit.

When replacing a stylus, be certain that the stylus coded with red paint points downward when "33-45" is visible on top of control lever. Likewise, the uncoded stylus should point downward when "78" is visible on top of control lever.



Phono Input Connection (K-170 only)

REPLACEMENT PARTS LIST

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

SYMBOL	STOCK NO.	DESCRIPTION	SYMBOL	STOCK NO.	DESCRIPTION
CHASSIS ASSEMBLY FOR MODELS K-172 and K-173			CHASSIS ASSEMBLY FOR MODEL K-174		
C-1		Capacitor	C-1		Capacitor
C-2		Capacitor-.05 mfd. 10% 600V	C-2		Capacitor-.01 mfd. 10% 400V
C-3		Capacitor-.05 mfd. 10% 600V	C-3		Capacitor-.05 mfd. 10% 600V
C-4		Capacitor-.05 mfd. 10% 600V	C-4	S-20435	Capacitor-Electrolytic-20 mfd. 150V
C-5		Capacitor-.003 mfd. 10% 400V	C-5		Capacitor-Electrolytic-40 mfd. 150V
C-6		Capacitor	C-6		Capacitor-Electrolytic-60 mfd. 150V
C-7		Capacitor-.01 mfd. 10% 400V			
C-8	*S-20435	Capacitor-Electrolytic-20 mfd. 150V	R-1	S-20433	Resistor-Volume Control-1 megohm
C-9		Capacitor-Electrolytic-60 mfd. 150V	R-2		Resistor-220,000 ohms 10% 1/2W
C-10		Capacitor-Electrolytic-30 mfd. 150V	R-3		Resistor-150 ohms 10% 1/2W
R-1	S-20433	Resistor-1 megohm-Volume Control	R-4		Resistor-10,000 ohms 10% 1/2W
R-2		Resistor-1 megohms 10% 1/2W	R-5		Resistor-47 ohms 20% 1/2W
R-3		Resistor-270,000 ohms 10% 1/2W			
R-4	S-20434	Resistor-33 ohms 10% 10 W	CR-1	S-21376	Rectifier-Selenium rectifier-65 MA.
R-5		Resistor-Tone Control-500,000 ohms			
R-6		Resistor-150 ohms 10% 1/2W	T-1	S-20699	Transformer-Output Transformer
R-7		Resistor-3900 ohms 10% 1/2W			
R-8		Resistor-220 ohms 10% 1/2W			
R-9		Resistor-2200 ohms 10% 1/2W			
CR-1	S-21376	Rectifier-Selenium Rectifier-65 MA.			
T-1	S-20448	Transformer-Output Transformer			
		SPEAKER ASSEMBLY			
	S-20698	Speaker-4" PM complete with cone and voice coil (one used on K-171) (one used on K-173)			* Indicates New Stock Item.

REPLACEMENT PARTS LIST

DESCRIPTION	STOCK NO.	Models				
		K-170	K-171	K-172	K-173	K-174
Arm-Tone arm (Brown) for 66 TS Cartridge	S-20723		*	*	*	
Arm-Tone arm (Gold) for 66 TS Cartridge for green cabinet	S-21377	*	*	*	*	*
Case - Two tone green	*S-21378	*				
Case - Tone green case complete	*S-21379		*			
Case - Brown case complete	*S-21380		*			
Case - Two tone green case complete	*S-21381			*		
Case - Brown case complete	*S-21382			*		
Case - Two tone green case complete	*S-21383				*	
Case - Brown case complete	*S-21384				*	
Case - Green case complete	*S-21385					*
Catch - Cover catch retainer	*S-21386		*	*	*	*
Cartridge - Astatic crystal (66TS)	S-20722	*	*	*	*	*
Decal - (Speed Decal) for ivory cabinet	*S-21387	*	*	*	*	*
Decal - (Speed Decal) for brown cabinet	S-20084		*	*	*	
Disc - 45 RPM Adapter Disc - Brown	S-20734		*	*	*	
Disc - 45 RPM Adapter Disc - Ivory	*S-21388	*	*	*	*	*
Escutcheon - Gold metal esc. "Twin Speaker"	*S-21389				*	
Handle - Plastic carrying handle - Ivory	*S-21390			*		
Handle - Plastic carrying handle - Brown	*S-21391			*		
Handle - Leather carrying handle - Ivory	*S-21392				*	
Handle - Leather carrying handle - Brown	*S-21393				*	
Hinges - Cover hinges (2 req'd.)	*S-21394		*	*	*	*
Knob - Stylus Selector Knob - Brown	S-21069	*	*	*	*	*
Knob - Stylus Selector Knob - Ivory	*S-21395	*	*	*	*	*
Knob - Speed Indicator Knob - Ivory	*S-21396	*	*	*	*	*
Knob - Speed Indicator Knob - Brown	*S-21397		*	*	*	*
Knob - Volume/Power/Tone - Brown	*S-21398	*	*	*	*	*
Knob - Volume/Power/Tone - Ivory	*S-21399	*	*	*	*	*
Motor - 60 cycle Motor - 117V	S-20082	*				
Motor - 60 cycle Motor - 90V	*S-21400		*	*	*	*
Motor - 50 cycle Motor - 117V	S-20287	*				
Motor - 50 cycle Motor - 90V	*S-21401		*	*	*	*
Motor - 25 cycle Motor - 117V	S-20083	*				
Motor - 25 cycle Motor - 90V	*S-21402		*	*	*	*
Speaker Assembly - 4" PM	S-20698		*	*	*	*
Stylus - Stylus 78 RPM for	S-20719	*	*	*	*	*
Stylus - Stylus 33 1/3 RPM, 45 RPM for	S-20720	*	*	*	*	*
Straps - Carrying straps - 34" & IDW	*S-21403					*
Straps - Carrying straps - 4 1/2" & HDW	*S-21404					*
Support - Tone arm support - Brown	S-20078		*	*	*	
Support - Tone arm support - Ivory	*S-21405	*	*	*	*	*
Turntable - Gray	*S-21406	*	*	*	*	*
Turntable - Brown	S-20692			*	*	
Washer - "C" type retainer washer	S-20081	*	*	*	*	*
Washer - Metal retainer washer for 45 RPM adapter disc	S-20738	*	*	*	*	*
Wheel - Idler wheel	S-20225	*	*	*	*	*

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

All parts subject to change or withdrawal without notice.