



# RCA VICTOR



Model HF-192  
The "Mark III"  
Mahogany or Blond Oak

High-Fidelity Radio-Phonograph

## Model HF-192

Chassis Nos. RC-1155 and RS-151A

# SERVICE DATA

— 1956 No. 19 —

ISSUED BY

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

## ELECTRICAL & MECHANICAL SPECIFICATIONS

### TUNING RANGE

Standard Broadcast (AM) .....540-1600 kc  
Frequency Modulation (FM) .....88-108 mc

### INTERMEDIATE FREQUENCIES

AM .....455 kc  
FM .....10.7 mc

### TUBE COMPLEMENT

#### TUNER CHASSIS RC-1155

- |                     |                   |
|---------------------|-------------------|
| (1) RCA 6BJ6 .....  | R.F. Amplifier    |
| (2) RCA 19X8 .....  | Mixer-Oscillator  |
| (3) RCA 12BA6 ..... | I.F. Amplifier    |
| (4) RCA 12AU6 ..... | FM I.F. Amplifier |
| (5) RCA 12AU6 ..... | FM I.F. Amplifier |
| (6) RCA 12AL5 ..... | F.M. Detector     |
| (7) RCA 12AV6 ..... | AM Det.-AVC       |
| (8) RCA 35W4 .....  | Rectifier         |

#### AMPLIFIER CHASSIS RS-151A

- |                     |                                 |
|---------------------|---------------------------------|
| (1) RCA 6CG7 .....  | 1st and 2nd A.F. Amplifier      |
| (2) RCA 6CG7 .....  | 3rd A.F. Ampl. and Ph. Inverter |
| (3) RCA 6V6GT ..... | Output                          |
| (4) RCA 6V6GT ..... | Output                          |
| (5) RCA 5Y3GT ..... | Rectifier                       |

### LOUDSPEAKERS

One 12" PM "woofer" .....6.8 ohm v.c.  
Two 3½ PM "tweeters" .....6.8 ohm v.c.

### RECORD CHANGER (RC 456)

Turntable speed .....16⅔, 33⅓, 45 or 78 r.p.m.  
Record capacity .....Up to fourteen 7 inch  
or twelve 10 inch.  
or ten 12 inch.  
or ten 10 in. and 12 in. intermixed.  
Pickup (Stock No. 100653) .....Ceramic

### POWER SUPPLY RATING

115 volts, 60 cycles .....120 watts

### AUDIO POWER OUTPUT

10 watts .....With less than 1½% distortion  
15 watts .....Maximum

TUNING DRIVE RATIO .....7½:1 (3¼ turns of knob)

NET WEIGHT .....approx. 93 lbs.

### DIMENSIONS (Overall)

Height .....34½" Width .....35" Depth .....16½"

## GENERAL DESCRIPTION

The "MARK III" is a high-fidelity radio-phonograph combination consisting of an AM-FM tuner chassis, an audio amplifier chassis, a four-speed record changer, one 12-inch wide-range speaker and two 3½-inch speakers housed in a traditional cabinet in mahogany, maple or blond oak finish. The two 3½-inch speakers are mounted at an angle to provide panoramic sound distribution. Provision is made for the use of a tape recorder attachment.

The tuner chassis provides R-F amplification on both AM and FM operation. The FM antenna input is broad-banded and resonates to the approximate center of the FM band. The mixer is pentode connected for AM operation and triode connected for FM operation. AM I-F circuits use a conventional I-F amplifier and a diode detector which provides AVC voltage. FM I-F circuits include three I-F amplifiers without AVC and a discriminator detector. AC supply voltage

for the 35W4 rectifier tube and the series connected tube heaters is obtained from an isolation transformer.

A four-position audio function switch is contained in the audio amplifier chassis and permits use of a tape recorder in conjunction with any other audio function. Two 6CG7 tubes provide three stages of A-F amplification and phase inversion; two 6V6-GT tubes are used for push-pull output. Negative feed-back, applied to the third A-F amplifier, is derived from a tapped resistive output load.

One 12-inch wide-range speaker and two 3½-inch speakers are used for wide acoustic range and panoramic sound distribution.

A four-speed record changer is used. It utilizes a ceramic dual-stylus pickup.

## ALIGNMENT PROCEDURE

## ALIGNMENT INDICATORS:

An RCA VoltOhmyst® or equivalent meter is necessary for measuring developed d-c voltage during FM alignment. Connections are specified in the alignment tabulation. An output meter is also necessary to indicate maximum audio output during AM alignment. Connect the output meter across the speaker voice coil. The RCA VoltOhmyst can also be used as an AM alignment indicator, either to measure audio output or to measure AVC voltage. When audio output is being measured, the volume control should be turned to maximum. Adjust tone controls to mid-position.

## SIGNAL GENERATOR:

For all alignment operations, connect the low side of the signal generator to the receiver chassis. If output measurement is used for AM alignment, the output of the signal generator should be kept as low as possible to avoid AVC action.

## AM Alignment

## FUNCTION SWITCH IN AM POSITION

Steps	Connect high side of sig. gen. to—	Sig. gen. output	Turn radio dial to—	Adjust for peak output
1	Pin No. 1 of V3 in series with .01 mfd	455 kc. (mod.)	Quiet point at high freq. end	T4 bottom core (sec.) T4 top core (pri.)
2	Tap lug (No. 4) on AM RF coil			T2 bottom core (sec.) T2 top core (pri.)
3	Short wire placed near loop for radiated signal	1620 kc. (mod.)	1620 kc. (gang open)	C1E-T (osc.)
4		1400 kc. (mod.)	1400 kc. signal	C1A-T (ant.) C1C-T (rf.)
5		600 kc. (mod.)	600 kc. signal	L6 (osc.) (rock gang)
6				L4 (RF)
7	Repeat steps 4, 5 and 6 until maximum gain is obtained			

Oscillator frequency is above signal frequency on both AM and FM

## FM SWEEP ALIGNMENT:

If an FM sweep generator is used for FM alignment, adjust for 10.7 mc, 0.4 mc sweep. Connect oscilloscope across C23, adjusting discriminator T6 top core for 10.7 mc crossover, and T6 bottom core for balanced peaks. Peak separation should be approximately 330 kc. When aligning the other FM tuned circuits, connect oscilloscope lead through a 220K resistor to pin 1 of V5. Follow alignment table sequence, adjusting for maximum gain and symmetrical curves.

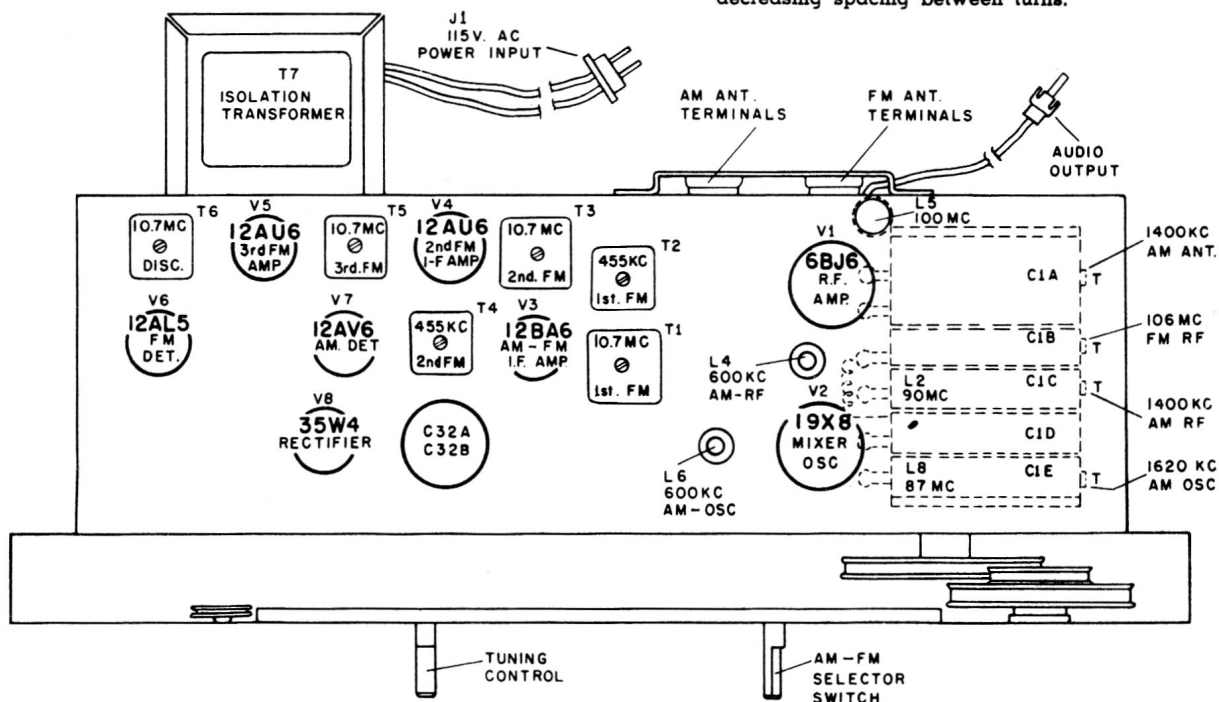
## FM Alignment

## FUNCTION SWITCH IN FM POSITION

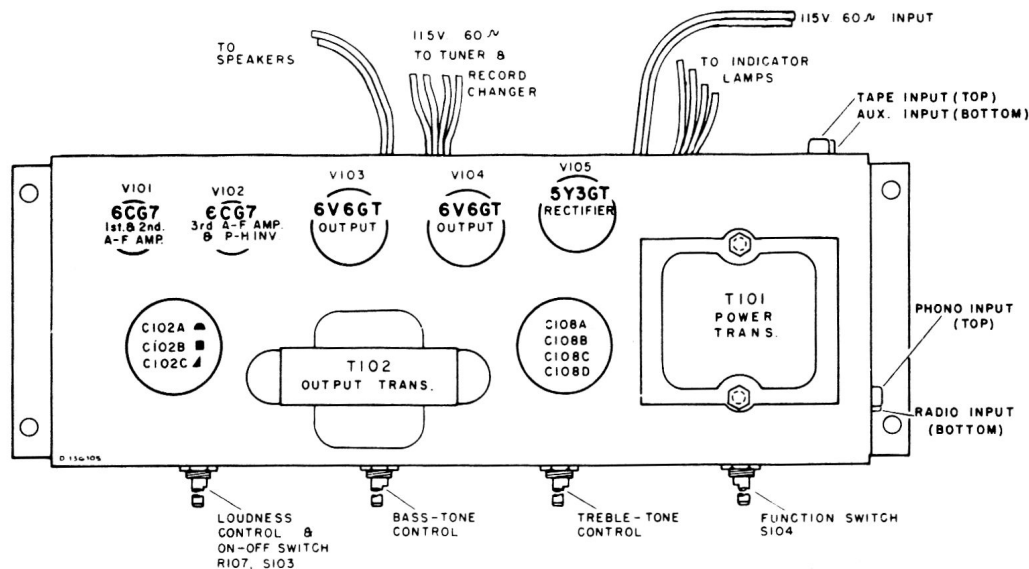
Steps	Connect high side of sig. gen. to—	Sig. gen. output	Turn radio dial to—	Adjust for max. output
1	Pin No. 1 of V5-12AU6	10.7 mc	Quiet point at low frequency end	T6 top core for zero d.c. across C23 T6 bottom core for maximum d.c. at junction of R18 and R19
2	Pin No. 1 of V4-12AU6			†T5 top core
3	Pin No. 1 of V3-12BA6			T3 top core †T3 bottom
4	C1-B Stator			T1 top core †T1 bottom core
5	FM Ant. terminals thru 270 ohm resistor	87 mc	87 mc (gang closed)	†FM osc. L8
6		106 mc	106 mc. signal	†FM R.F. C1B-T
7		90 mc.	90 mc. signal	†FM R.F. L2
8		Repeat steps 6 and 7 until maximum gain is obtained		
9		100 mc	100 mc signal	†FM ant. coil L5

\*If necessary for accurate peaking, the winding in the same transformer not being peaked should be loaded with a 680 ohm resistor.  
†Connect VoltOhmyst to pin 1 of V5 through a 220K isolating resistor with 1/4 inch maximum exposed lead at grid terminal end. Output adjusted for 1 volt d.c. Dress VoltOhmyst lead away from input circuits.

NOTE—FM coils L8, L2 and L5 are adjusted by increasing or decreasing spacing between turns.



RC-1155 Tuner Chassis Top View



**RS-151A**  
**Amplifier Chassis**  
**Top View**

### CRITICAL LEAD DRESS

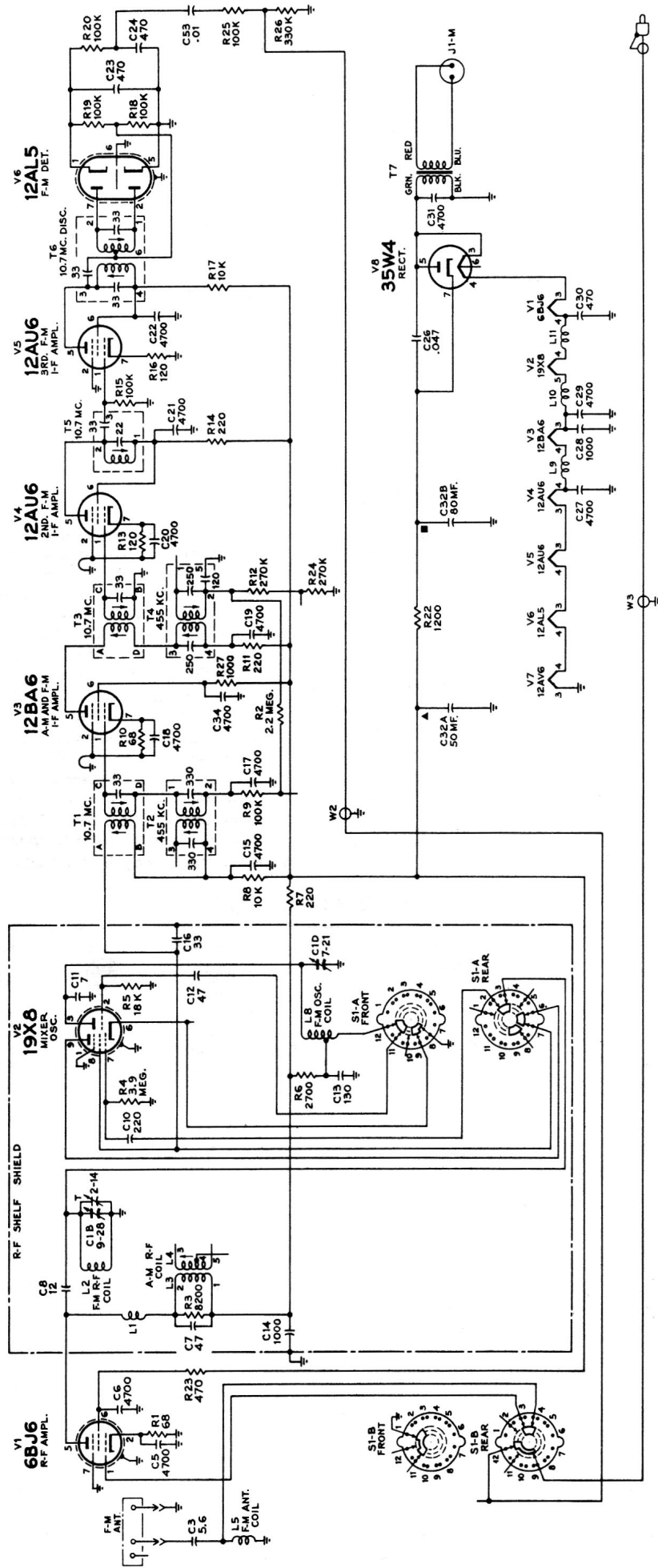
1. All FM IF transformer grid and plate leads should be short and direct as possible and kept low, near chassis.
2. C23 leads should be kept as short as possible.
3. C26 leads should be kept as short as possible.
4. R18 and R19 leads should be kept as short as possible on T6 terminal 6 side.
5. AM oscillator coil should not be tilted over toward function switch when wrapping short bus leads to switch.
6. Keep leads V5 pin 5, to T6 term 1, as short as possible and low near chassis.
7. Dress C23 down on chassis and against terminal board. Run filament lead between V5 and V6 on side of V6 socket opposite C33.
8. All ceramic button 4700 uuf condensers should have leads as short as possible.
9. Green lead from AM oscillator stator gang terminal to AM oscillator coil should be dressed against front of shield box and up above filament choke.
10. RF plate choke L1, should be dressed at least  $\frac{1}{8}$ " away from AM R.F. coil L4 and at least  $\frac{1}{8}$ " from shield.
11. Mixer grid condenser C10 should be dressed away from FM oscillator gang stator terminal and away from leads connecting to terminals 8 and 9 of V2 socket.
12. Filament chokes L10 and L11 should be raised a minimum of  $\frac{1}{16}$ " above chassis.
13. Use varnished tubing only on choke and coupling cond. leads coming through shield partition slot.
14. Oscillator grid condenser C12 should have short leads and be dressed away from filament choke L10.
15. Keep leads of R101, R102, R103 and C101 short, and dress these components close to chassis.
16. Dress R117 away from all other components.

### MAIN CONTROL PANEL

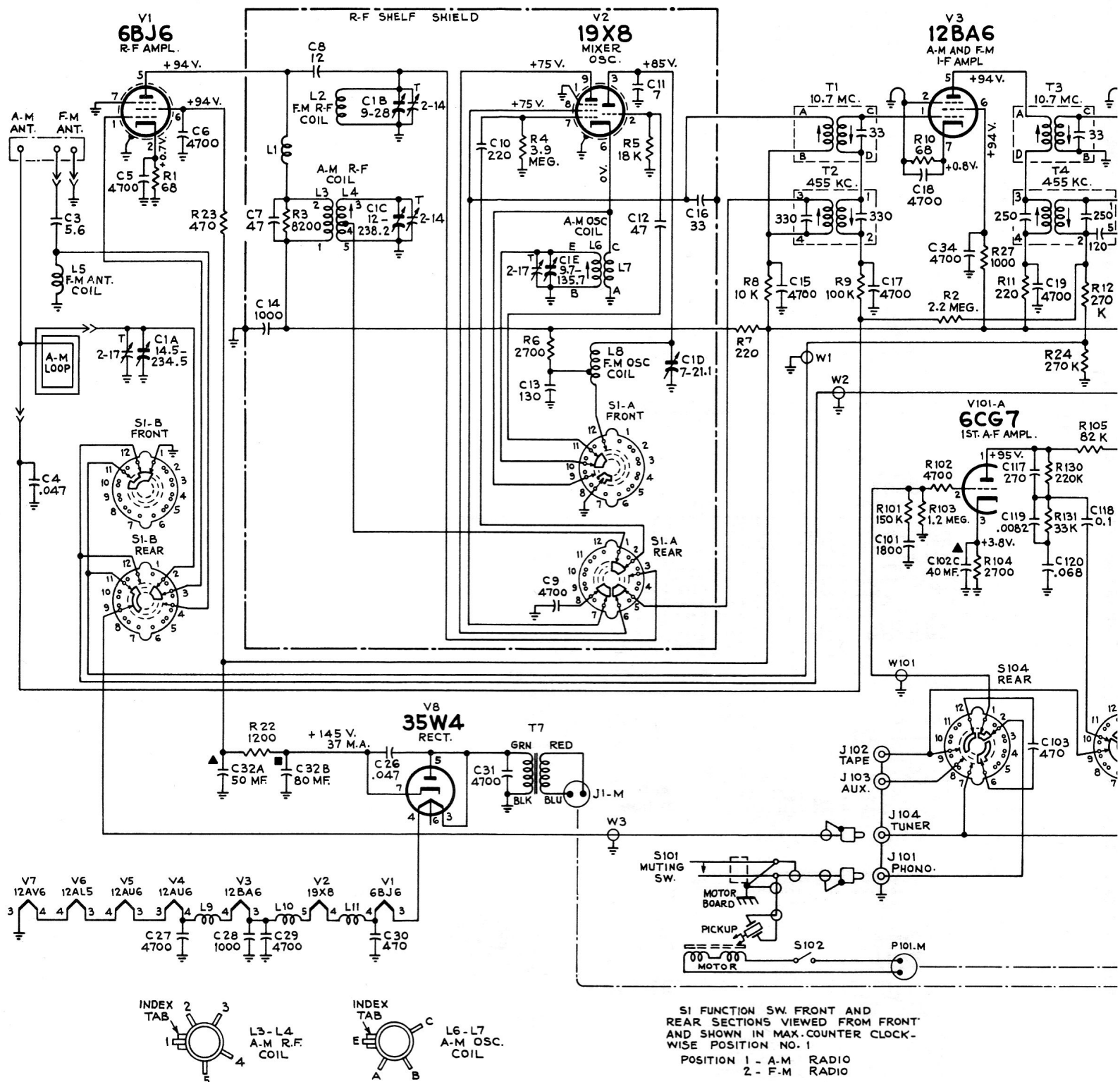
	TUNING	AM FM	LOUDNESS OFF	BASS	TREBLE	RADIO PHONO	AUX TAPE
TO PLAY RECORDS		AM or FM	Turn "on," set at desired level	set as desired		PHONO	
TO RECORD FROM PHONOGRAPH†		" "	" "			"	
TO RECEIVE AM PROGRAMS	Tune to desired station	AM	" "	set as desired		RADIO	
TO RECORD AM PROGRAMS†	" "	" "	" "			"	
TO RECEIVE FM PROGRAMS	" "	FM	" "	set as desired		"	
TO RECORD FM PROGRAMS†	" "	" "	" "			"	
AS A PUBLIC ADDRESS SYSTEM‡		AM or FM	" "	set as desired		AUX	
TO RECORD FROM AUXILIARY SOURCE†‡		" "	" "			"	
TO PLAY BACK RECORDED TAPE†		" "	" "	set as desired		TAPE	

† Tape recorder connected to "TAPE" jack at back of chassis.

‡ Microphone or other sound input connected to "AUX" jack at back of chassis.

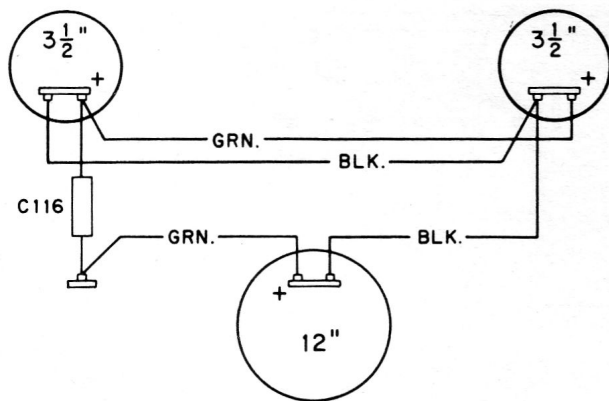


### FM Simplified Circuit Diagram of Tuner Chassis RC-1155

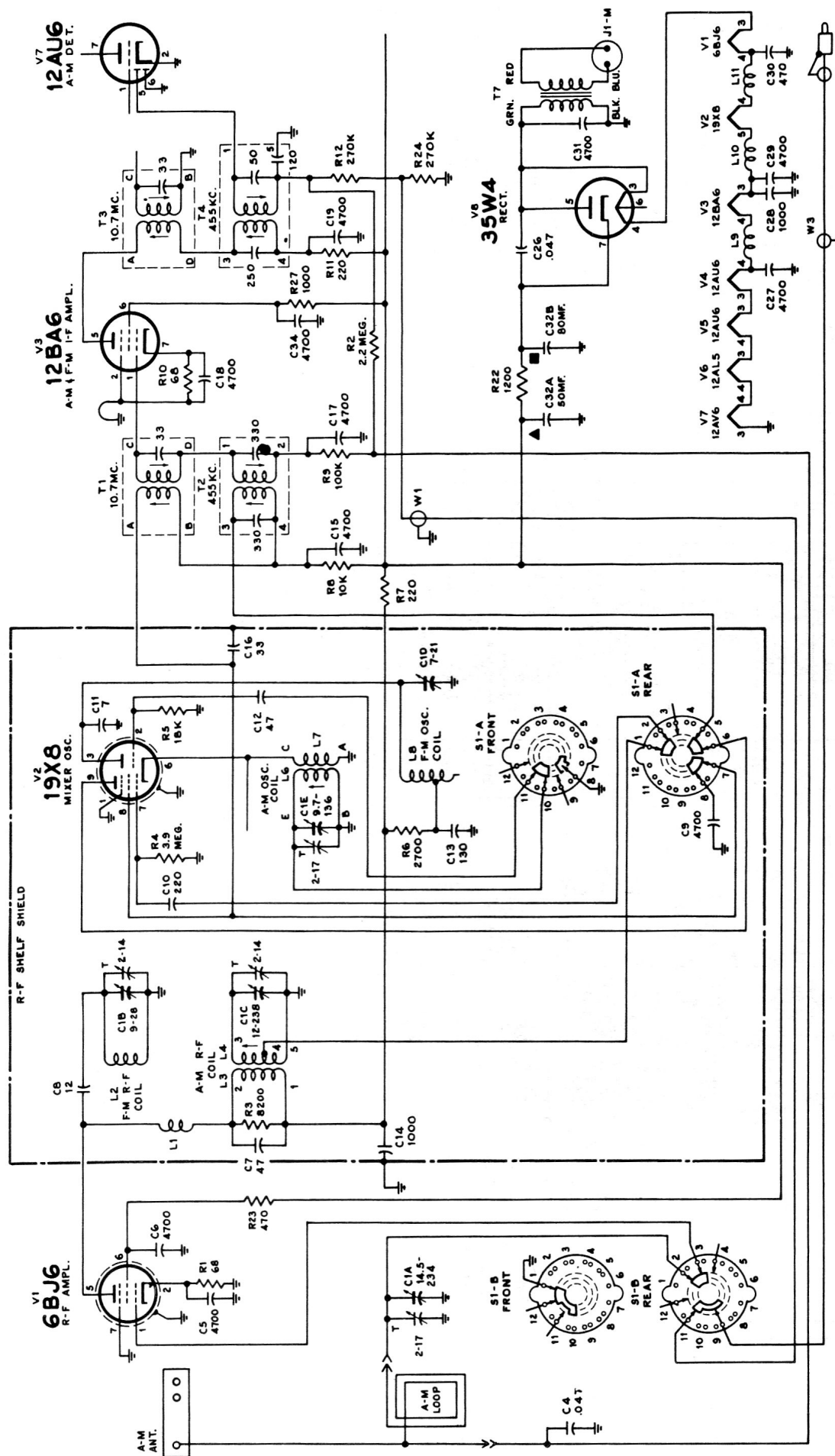


1st Half RCA Victor HF-192 Tuner / Amplifier

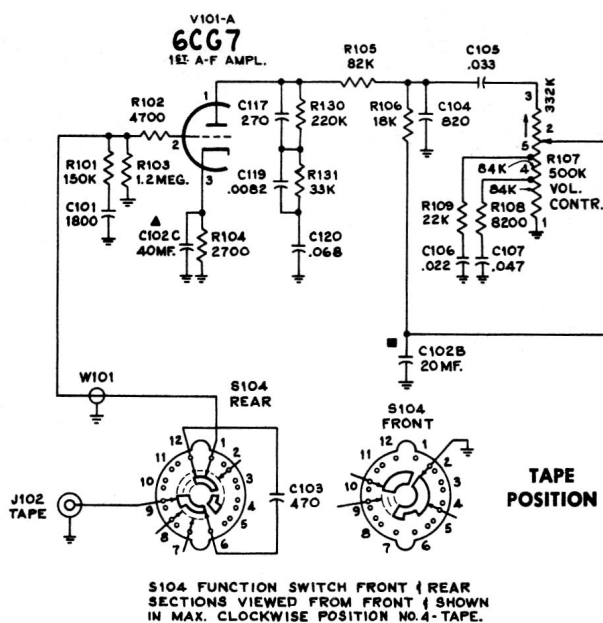
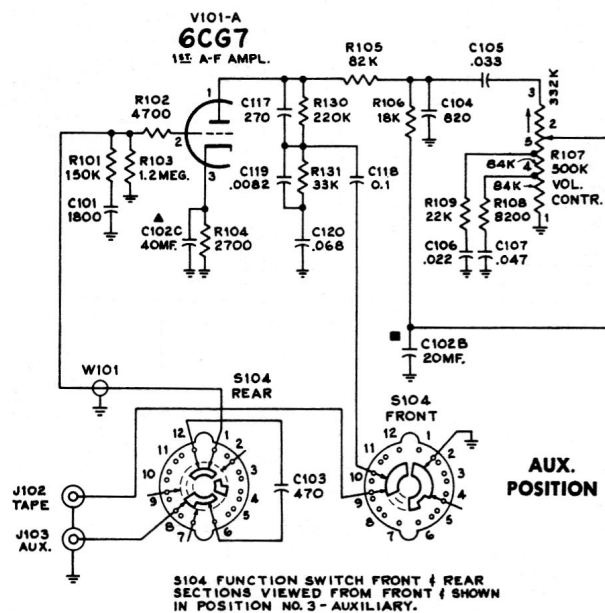
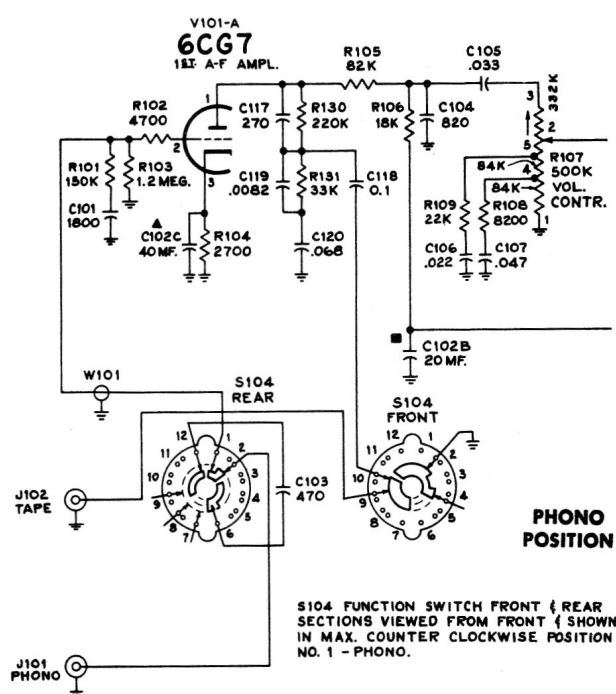
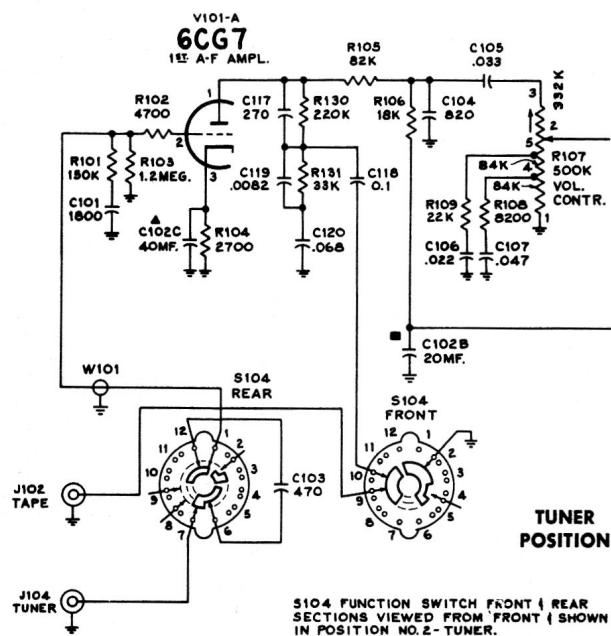




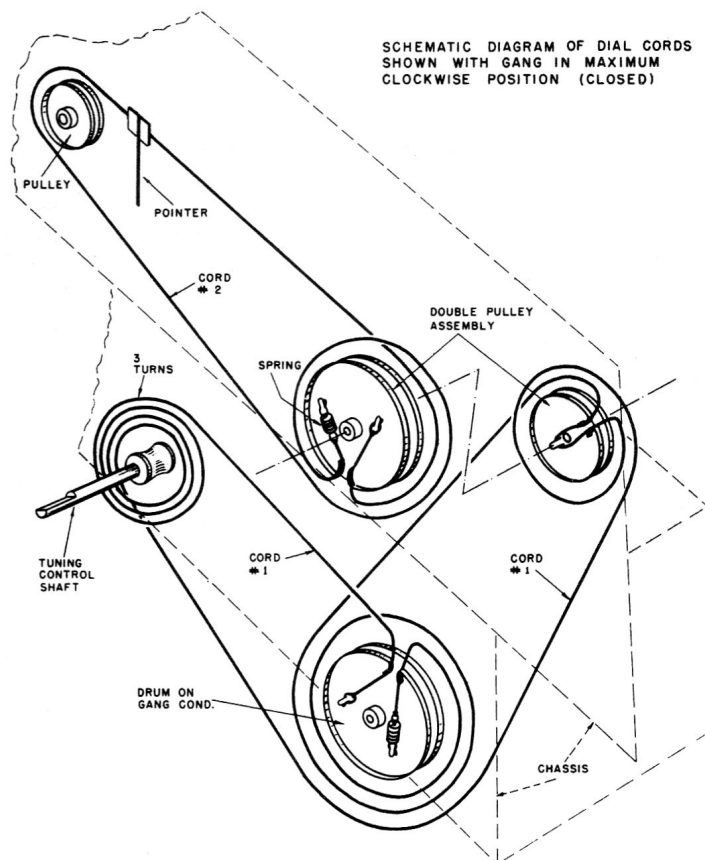
## 2nd Half RCA Victor HF-192 Tuner / Amplifier



AM Simplified Circuit Diagram of Tuner Chassis RC-1155

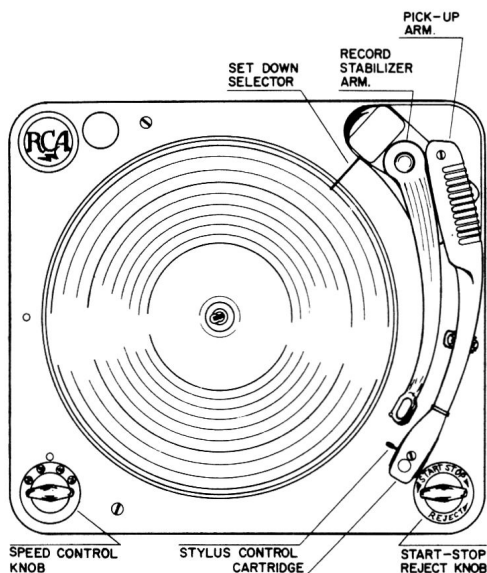


### Simplified Schematic Diagrams of Function Switch in Amplifier Chassis RS-151A



### Tuning Drive Cord Assembly





Record Changer Controls

### STYLUS REPLACEMENT

The dual stylus is held in position by a spring clamp. To remove stylus, simply hold pickup sideways and pull spring clamp away from stylus and allow it to drop out. When inserting stylus, be certain that the small diameter rod holding the styli rests in the notch of the drive arm connecting to the cartridge element.

### RECORD CHANGER CONTROLS

The record changer has two controls on the motorboard and a stylus selector control on the pickup arm. The lever of the right control is the OFF-ON-REJECT control. Turning this lever to the start position energizes the motor and starts the turntable, when turned to the position it starts the mechanism into complete automatic operation. The mechanism will shut off automatically after the last record has been played but can be shut off manually by turning this lever to "stop".

The left knob on the Motorboard is the speed control. It has four positions; "16-2/3," "33," "45," "78," to select the turntable speed desired.

The stylus control has two positions; to change position, push the end of the control lever down and under. The right hand position ("78" showing) is for 78 r.p.m. records and the left hand position ("MG" showing) is for 16-2/3, 33-1/3 or 45 r.p.m. records.

The removable centerpost is for use with 16-2/3 or 45 r.p.m. records having the large centerhole. It must be placed over the center spindle with the word "FRONT" FACING to the FRONT. Care should be exercised in inserting and removing the centerpost so as to prevent damage to smaller spindle.

A well is provided near the record changer for storage of the centerpost when not in use.

To load or remove records, lift and turn the record stabilizer arm off to the side. After loading, the stabilizer arm should be turned to the center so it rests on the stack of records.

### FOR RECORD CHANGER SERVICE INFORMATION— REFER TO COLLARO 456 SERVICE DATA

### REPLACEMENT PARTS

SYMBOL NO.	STOCK NO.	DESCRIPTION	SYMBOL NO.	STOCK NO.	DESCRIPTION
<b>AM/FM TUNER CHASSIS RC-1155</b>					
C1A to C1E Incl. }	101355	Capacitor—Variable tuning capacitor	L9 to L11 Incl. }	77535	Coil—Filament RF choke coil
C3	74182	Capacitor—Fixed, ceramic, 5.6 mmf., $\pm 10\%$ , 500 v.	R1		Resistor—Fixed, composition, 68 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
C4		Capacitor—Fixed, paper, .047 mf., $\pm 20\%$ , 200 v.	R2		Resistor—Fixed, composition, 2.2 megohms, $\pm 20\%$ , $\frac{1}{2}$ w.
C5, C6	73473	Capacitor—Fixed, ceramic, 4700 mmf., $\pm 100$ -0%, 500 v.	R3		Resistor—Fixed, composition, 8200 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
C7		Capacitor—Fixed, ceramic, 47 mmf., $\pm 10\%$ , 500 v.	R4		Resistor—Fixed, composition, 3.9 megohms, $\pm 10\%$ , $\frac{1}{2}$ w.
C8	70595	Capacitor—Fixed, ceramic, 12 mmf., $\pm 5\%$ , 500 v.	R5		Resistor—Fixed, composition, 18,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
C9	73473	Same as C5	R6		Resistor—Fixed, composition, 2700 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
C10		Capacitor—Fixed, mica, 220 mmf., $\pm 20\%$ , 500 v.	R7		Resistor—Fixed, composition, 220 ohms, $\pm 20\%$ , $\frac{1}{2}$ w.
C11		Capacitor—Fixed, ceramic, 7 mmf., $\pm 5\%$ , 500 v.	R8		Resistor—Fixed, composition, 10,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
C12	77531	Capacitor—Fixed, ceramic, 47 mmf., $\pm 10\%$ , 500 v.	R9		Resistor—Fixed, composition, 100,000 ohms, $\pm 5\%$ , $\frac{1}{2}$ w.
C13		Capacitor—Fixed, ceramic, 130 mmf., $\pm 2\frac{1}{2}\%$ , 500 v.	R10		Same as R1
C14	77084	Capacitor—Feed thru, 1000 mmf., $\pm 100$ -0%, 500 v. DC	R11		Same as R7
C15	73473	Same as C5	R12		Resistor—Fixed, composition, 270,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
C16		Capacitor—Feed-thru, 33 mmf., $\pm 5\%$ , 500 v. DC	R13		Resistor—Fixed, composition, 120 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
C17 to C22 Incl. }	73473	Same as C5	R14		Same as R7
C23, C24	76992	Capacitor—Fixed, mica, 470 mmf., $\pm 10\%$ , 300 v.	R15		Same as R9
C26	73592	Capacitor—Fixed, paper, .047 mf., $\pm 20\%$ , 600 v.	R16		Same as R13
C27	73473	Same as C5	R17		Resistor—Fixed, composition, 10,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
C28	77084	Same as C14	R18, R19, R20		Resistor—Fixed, composition, 100,000 ohms, $\pm 5\%$ , $\frac{1}{2}$ w.
C29	73473	Same as C5	R22	76346	Resistor—Fixed, wire wound, 1200 ohms, $\pm 10\%$ , 4 w.
C30	76992	Same as C23	R23		Resistor—Fixed, composition, 470 ohms, $\pm 20\%$ , $\frac{1}{2}$ w.
C31	73473	Same as C5	R24		Same as R12
C32A, B	73520	Capacitor—Electrolytic, 50/80 mf., $\pm 100$ -10%, 150 v.	R25		Same as R9
C33	79316	Capacitor—Fixed, paper, .01 mf., $\pm 10\%$ , 200 v.	R26		Resistor—Fixed, composition, 330,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
C34	73473	Same as C5	R27		Resistor—Fixed, composition, 1000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
J1	30870	Connector—2 contact male connector—power input to tuner chassis	S1A, S1B	101356	Switch—AM/FM rotary selector switch
L1	77534	Coil—RF choke coil			
L2	77536	Coil—FM—RF coil			
L3, L4	77525	Coil—AM—RF coil			
L5	77538	Coil—FM antenna coil			
L6, L7	77526	Coil—AM oscillator coil			
L8	77537	Coil—FM oscillator coil			

## REPLACEMENT PARTS—Continued

SYMBOL NO.	STOCK NO.	DESCRIPTION	SYMBOL NO.	STOCK NO.	DESCRIPTION
T1	100112	Transformer—1st FM—IF transformer	R115	101348	Control—High frequency tone control
T2	76335	Transformer—1st AM—IF transformer	R116		Resistor—Fixed, composition, 10,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
T3	77513	Transformer—2nd FM—IF transformer	R117	73637	Resistor—Fixed, wire wound, 2200 ohms, $\pm 10\%$ , 5 watts
T4	76328	Transformer—2nd AM—IF transformer	R118		Same as R102
T5	77512	Transformer—3rd FM—IF transformer	R119		Same as R108
T6	77511	Transformer—Discriminator transformer	R120		Same as R105
T7	101359	Transformer—Isolation transformer	R121		Resistor—Fixed, composition, 56,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
	101344	Bushing—Tuning shaft chassis bushing	R122		Same as R104
	73935	Clip—IF transformer mounting spring clip	R123, R124		Same as R109
	31048	Connector—Pin plug for audio cable	R125		Resistor—Fixed, composition, 27,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
	74879	Connector—3 contact female connector for antenna leads	R126, R127		Resistor—Fixed, composition, 470,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
	S-4313	Cord—Dial cord	R128		Resistor—Fixed, composition, 270 ohms, $\pm 10\%$ , 2 w.
	16058	Grommet—Rubber grommet for mounting RF shelf assembly (4 req'd)	R129		Resistor—Fixed, composition, 5600 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
	101349	Pointer—Dial indicator pointer	R130		Resistor—Fixed, composition, 220,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
	101352	Pulley—Drive cord pulley assy. for dial back-plate assy.	R131		Resistor—Fixed, composition, 33,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.
	101351	Pulley—Drive cord pulley assembly for RF shelf	S103		Part of R107
	34300	Screw—#6-32 x $\frac{1}{4}$ " cup point set screw for drive cord pulley	S104	S-21313	Switch—Radio/phone/aux/tape rotary function switch
	101346	Shaft—Tuning shaft assy. with bobbin—steel	T101	S-21308	Transformer—Power transformer
	75192	Shield—Tube shield for V1	T102	S-21309	Transformer—AF output transformer
	79721	Shield—Tube shield for V2		70392	Cord—AC power cord and plug
	79263	Shield—Tube shield for V6		11891	Lamp—Mazda #44 (3 req'd)
	77087	Socket—Tube socket, 7 pin miniature for V1		76972	Shield—Tube shield for V1A, V1B
	73117	Socket—Tube socket, 7 pin miniature for V3 to V7 incl.		101371	Socket—Dual dial lamp socket assy.
	101375	Socket—Tube socket, 7 pin miniature for V8		100643	Socket—Insulated pilot indicator socket
	100111	Socket—Tube socket, 9 pin miniature for V2		68590	Socket—Tube socket, octal for V3 & V4
	100109	Spring—Dial cord tension spring		31251	Socket—Tube socket, octal for V5
	77585	Washer—"C" type retaining washer for tuning shaft bushing		76971	Socket—Tube socket, 9 pin miniature for V1A, V1B
	77586	Washer—"C" type retaining washer for pulley assy. (RCA 101352)		100474	Socket—Tube socket, 9 pin miniature for V2A, V2B
<b>AMPLIFIER ASSEMBLY</b>			<b>SPEAKER ASSEMBLIES</b>		
<b>RS-151A</b>					
C101	74850	Capacitor—Fixed, ceramic, 1800 mmf., $\pm 10\%$ , 500 v.	C116	100509	Capacitor—Electrolytic, 8 mf., $\pm 25\%$ , 10 v. AC
C102A to C102D Incl.	101357	Capacitor—Electrolytic, 4 section: 20/20/40/10 mf., 400/400/25/25 volts DC		100909	Cone—Speaker cone and voice coil for 12" speaker stamped 961628-1
C103	39644	Capacitor—Fixed, mica, 470 mmf., $\pm 10\%$ , 500 v.		100467	Housing—Plastic housing for mounting of $3\frac{1}{2}$ " speaker (2 req'd)
C104	78143	Capacitor—Fixed, mica, 820 mmf., $\pm 10\%$ , 300 v.		100897	Speaker—12" P.M. speaker complete with cone and voice coil (6.8 ohms)—speaker stamped 961628-1
C105	73552	Capacitor—Fixed, paper, .033 mf., $\pm 10\%$ , 400 v.		100465	Speaker— $3\frac{1}{2}$ " P.M. speaker complete with cone and voice coil (6.8 ohms) (2 req'd)—speaker stamped 961616-1
C106	79925	Capacitor—Fixed, paper, .022 mf., $\pm 10\%$ , 200 v.		<b>MISCELLANEOUS</b>	
C107	73558	Capacitor—Fixed, paper, .047 mf., $\pm 10\%$ , 200 v.		S-21325	Antenna—AM antenna loop with terminals—less cable and connector
C108	101414	Capacitor—Electrolytic, 4 section: 35/35/10/20 mf., 400/400/350/25 volts DC		S-21361	Back—Back cover for cabinet.
C109	73920	Capacitor—Fixed, paper, .0047 mf., $\pm 10\%$ , 400 v.		S-21359	Back—Record changer back cover—mahogany
C110	39628	Capacitor—Fixed, mica, 100 mmf., $\pm 10\%$ , 500 v.		S-21360	Back—Record changer back cover—oak
C111	79344	Capacitor—Fixed, mica, 180 mmf., $\pm 10\%$ , 500 v.		100523	Board—Terminal board for antenna cabl
C112	79191	Capacitor—Fixed, mica, 330 mmf., $\pm 10\%$ , 500 v.		101739	Bracket—Escutcheon mounting bracket and stud (between tone controls)
C113 to C115 Incl.	78571	Capacitor—Fixed, paper, 0.27 mf., $\pm 10\%$ , 400 v.		100896	Bracket—Escutcheon mounting bracket and stud (center and ends)
C116	100509	Part of Speaker Assembly		71892	Catch—Door catch
C117	101373	Capacitor—Fixed, ceramic, 270 mmf., $\pm 10\%$ , 500 v.		X3582	Cloth—Grille cloth for mahogany cabinet
C118	73551	Capacitor—Fixed, paper, 0.1 mf., $\pm 20\%$ , 400 v.		X3574	Cloth—Grille cloth for maple cabinet
C119	79019	Capacitor—Fixed, paper, .0082 mf., $\pm 10\%$ , 400 v.		X3583	Cloth—Grille cloth for oak cabinet
C120	73792	Capacitor—Fixed, ceramic, .068 mf., $\pm 10\%$ , 400 v.		74752	Connector—2 contact male connector for AM/FM antenna terminal board cable
J101, J102, J103, J104	33514	Connector—2 contact female connector—"phono," "tape," "aux," or "radio"		74882	Connector—3 contact male polarized connector for AM antenna cable
P101A	30868	Connector—2 contact female connector for phono motor power		101365	Dial—Tuning dial, AM and FM bands
P102	30868	Connector—2 contact female connector for radio power supply		101367	Escutcheon—Control panel escutcheon
R101		Resistor—Fixed, composition, 150,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.		100539	Escutcheon—Tuning dial escutcheon
R102		Resistor—Fixed, composition, 4700 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.		16058	Grommet—Rubber grommet for mounting tuner
R103		Resistor—Fixed, composition, 1.2 megohms, $\pm 10\%$ , $\frac{1}{2}$ w.		74308	Hinge—Cabinet door hinge (1 set)
R104		Resistor—Fixed, composition, 2700 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.		13103	Jewel—Pilot lamp jewel amber
R105		Resistor—Fixed, composition, 82,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.		102347	Knob—Control knob with spring (has indicator dot) (5 required)
R106		Resistor—Fixed, composition, 18,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.		102453	Knob—Tuning control knob with spring
R107	101347	Control—Volume control and "on-off" switch		100641	Nameplate—"New Orthophonic High Fidelity RCA Victor" nameplate
R108		Resistor—Fixed composition, 8200 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.		102454	Slide—Slide mechanism assembly for record changer tray
R109		Resistor—Fixed, composition, 22,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.		30900	Spring—Control knob retaining spring
R110		Resistor—Fixed, composition, 15,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.		72936	Stop—Metal door stop
R111		Resistor—Fixed, composition, 120,000 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.		61455	Washer—Vellutex washer for escutcheon and dial
R112		Resistor—Fixed, composition, 3300 ohms, $\pm 10\%$ , $\frac{1}{2}$ w.			
R113	78580	Control—Low frequency tone control			
R114		Same as R105			

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