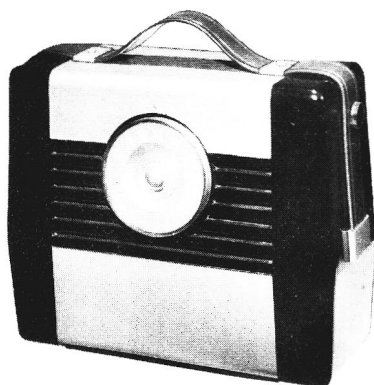




MODEL BP400



RCA VICTOR



MODEL BP400 SERVICE DATA

— 1949 NO. 6 —

GENERAL SERVICE DIVISION
RCA VICTOR COMPANY LIMITED
MONTREAL, QUE.

Electrical and Mechanical Specifications

Frequency Range ----- 540-1600 KC
Intermediate Frequency ----- 455 KC
Power Supply Rating Current Voltage
"A" battery ----- 60 ma 7.5 V.
"B" battery ----- 10 ma 75 V.

Batteries Required:

1 Eveready Battery Pack W167. (Average life of Eveready W167 Battery 100 hrs. intermittent service).

Tube Complement:

(1) RCA 1R5 ----- Converter

(2) RCA 1U4 ----- I.F. Amplifier
(3) RCA 1U5 ----- 2nd Det. A.V.C.-AF Amp.
(4) RCA 3V4 ----- Power Output

Power Output

Undistorted ----- 15 watts
Maximum ----- 25 watts
Loudspeaker ----- 4 in. P.M. 3.4 ohms at 400 cycles

Cabinet Dimensions

Height ----- 9 in. Width ----- 11¼ in. Depth ----- 5 in.

General Description

The RCA Victor Model BP400 is a portable five tube single band battery operated receiver, housed in an attractive two tone plastic cabinet.

Features of the design include a built-in loop antenna; powdered iron core I.F. transformers and oscillator coil; automatic volume control and a 4 inch round P.M. loudspeaker.

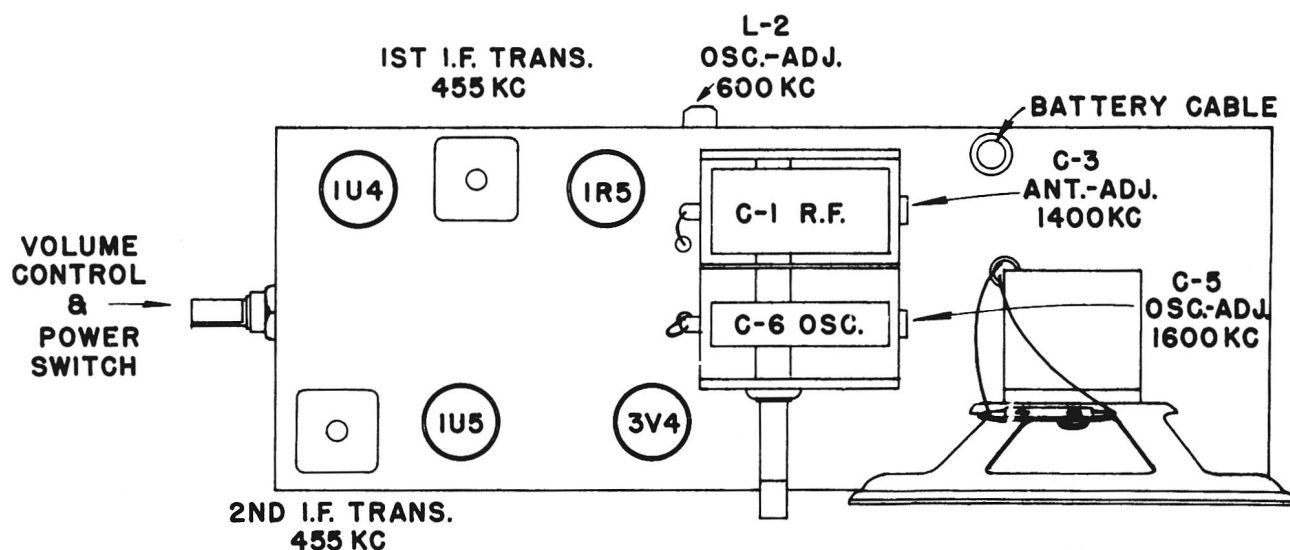


Fig. 1—Chassis Layout and Alignment Adjustment

(For Alignment Information refer to RCA Victor Model BP5 Service Note)

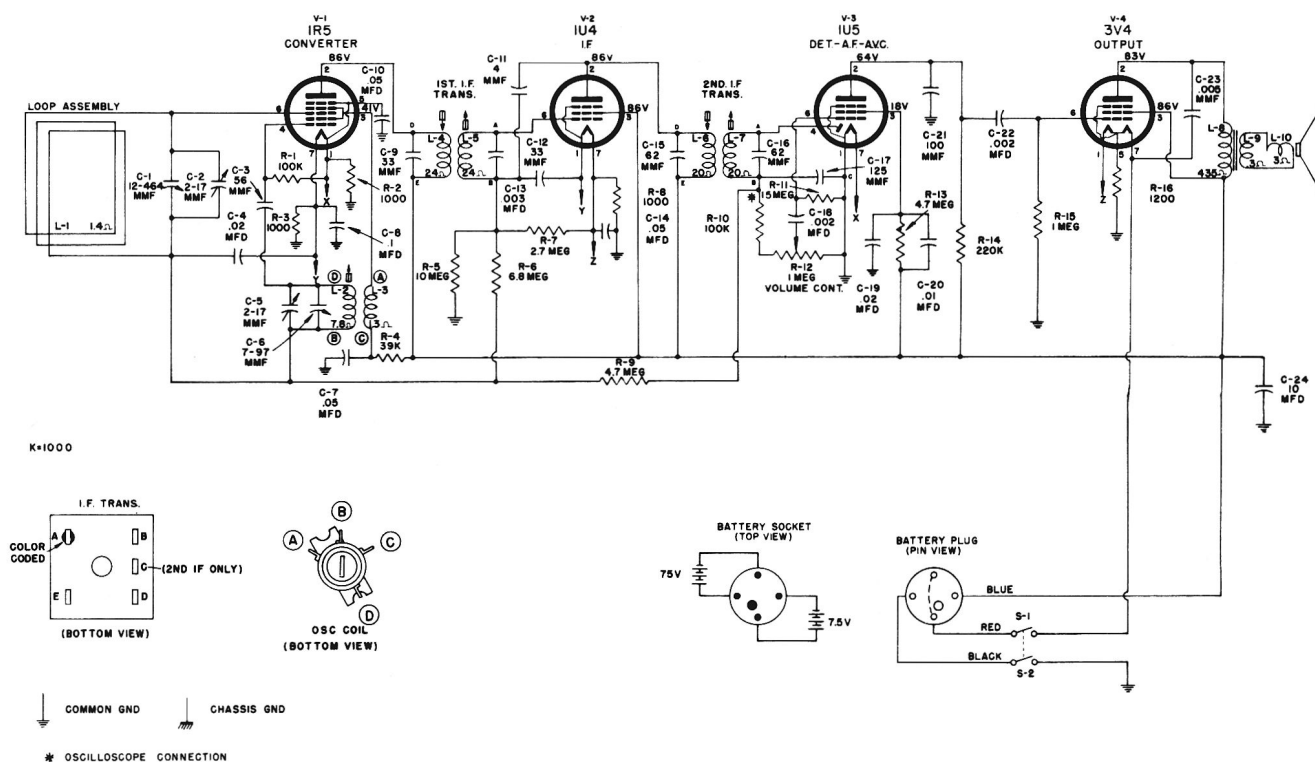


Fig. 2—Schematic Diagram

REPLACEMENT PARTS FOR MODEL BP400

Insist on genuine factory tested parts, which are readily identified and may be purchased from authorized dealers

Stock No.	Description	List Price	Stock No.	Description	List Price
CHASSIS ASSEMBLY			SPEAKER ASSEMBLIES		
73153	Capacitor - ceramic 4 MMF 10% 500 V. (C11)		S-3556	Dust Cap (Pkg. 3)	
71924	" - " 56 " 10% 500 V. (C3)		S-4330	Cone - cone & voice coil assy (L10)	
S-4674	" - " 100 " 20% 500 V. (C21)		S-5011	Output Transformer (L8-L9)	
S-4675	" - Midget paper .003 Mfd. 200 V. 5% (C13)		MISCELLANEOUS ASSEMBLIES		
	" - .002 Mfd. paper (C-22, C18)		S-5102	Back - cabinet back (less hinges)	
	" - .005 Mfd. 1200 V. paper 10% (23)		73147	Ball - for back cover latch (Pkg. 2)	
	" - .01 Mfd. 800 V. paper 10% (20)		73136	Button - centre button for dial knob	
	" - .02 Mfd. 700 V. paper 10% (C4-C19-C24)		73142	" - station selector indicator button (Pkg. 2)	
	" - .05 Mfd. 400 V. paper 25% (C7-C10-C14-C25)		S-5101	Cabinet - front	
38593	" - .1 Mfd. 400 V. paper 25% (C8)		S-5026	Clip - spring clip for vol. control (Pkg. 2) and power switch knob	
S-4334	Coil - Electrolytic (24)		73148	Catch - spring catch for back (L.H.)	
	" - Oscillator coil with core & stud (L2-L3)		73146	" - " " " (R.H.)	
73126	Condenser - Variable (C1-C2-C5-C6)		S-5103	Handle - carrying handle	
73141	Loop - antenna loop (L1)		73144	Hinge - cabinet hinge	
	Resistor 1,000 ohms $\frac{1}{2}$ watt 10% (R2-R3-R8)		73135	Knob - dial knob complete	
	" 1,200 " " " 10% (R16)		73138	" - volume control & power switch	
	" 39,000 " " " 10% (R4)		73275	Plug - battery cable plug	
	" 100,000 " " " 20% (R1-R10)		73139	Shield - slip shield for carrying strap	
	" 220,000 " " " 20% (R14)		30900	Spring - retaining spring for dial knob (Pkg. 5)	
	" 1 Megohm " " 20% (R15)		70425	Spring - retaining "O" spring for dial knob	
	" 2.7 " " " 10% (R7)		73483	Support - flexible drop support for back cover	
	" 4.7 " " " 10% (R9-R13)				
	" 6.8 " " " 10% (R6)				
	" 10. " " " 10% (R5)				
	" 15 " " " 10% (R11)				
S-4860	Socket - tube socket (with shield)				
73117	" - " (less shield)				
73129	Transformer - 1st I.F. (L4-L5-C9-C12)				
73130	" - 2nd I.F. (L6-L7-C15-C16-C17)				
73125	Volume Control & Switch (R12-S1-S2)				

All prices and parts are subject to change or withdrawal without notice.