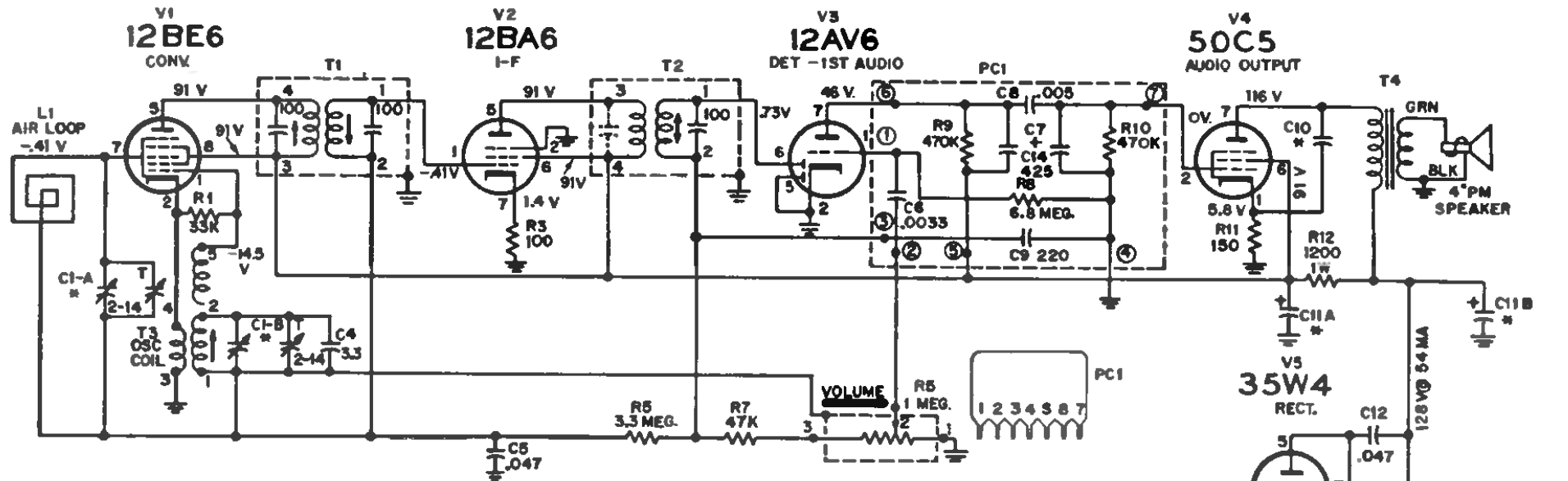


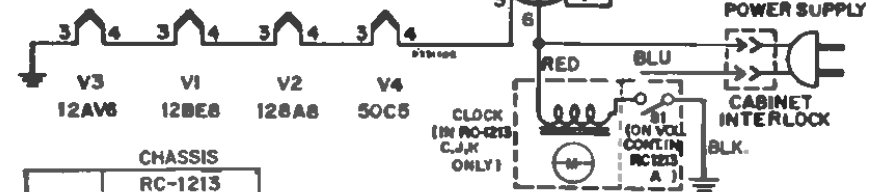
# RCA Victor Models RGA-12Y, RGA-15A, R, Y, RGD-20N, R, Y, Chassis RC-1213A, -K



## TUBE AND CHASSIS ACCESSIBILITY

1. DO NOT ATTEMPT TO REMOVE THE KNOBS. The tuning and volume control knobs are held captive to the cabinet by retainers on their shafts.
2. Remove the back cover by lifting the protrusions on the bottom of the back cover out of the slots in the base of the cabinet.
3. Unsolder speaker leads if necessary. Avoid putting a strain on the speaker leads.
4. Remove two chassis retainers (screws or clips), one at the volume control and one of the left end mounting.
5. Grasp tuning capacitor and volume control, and pull chassis out of knobs and mounting slots.

To reassemble—reverse above procedure.

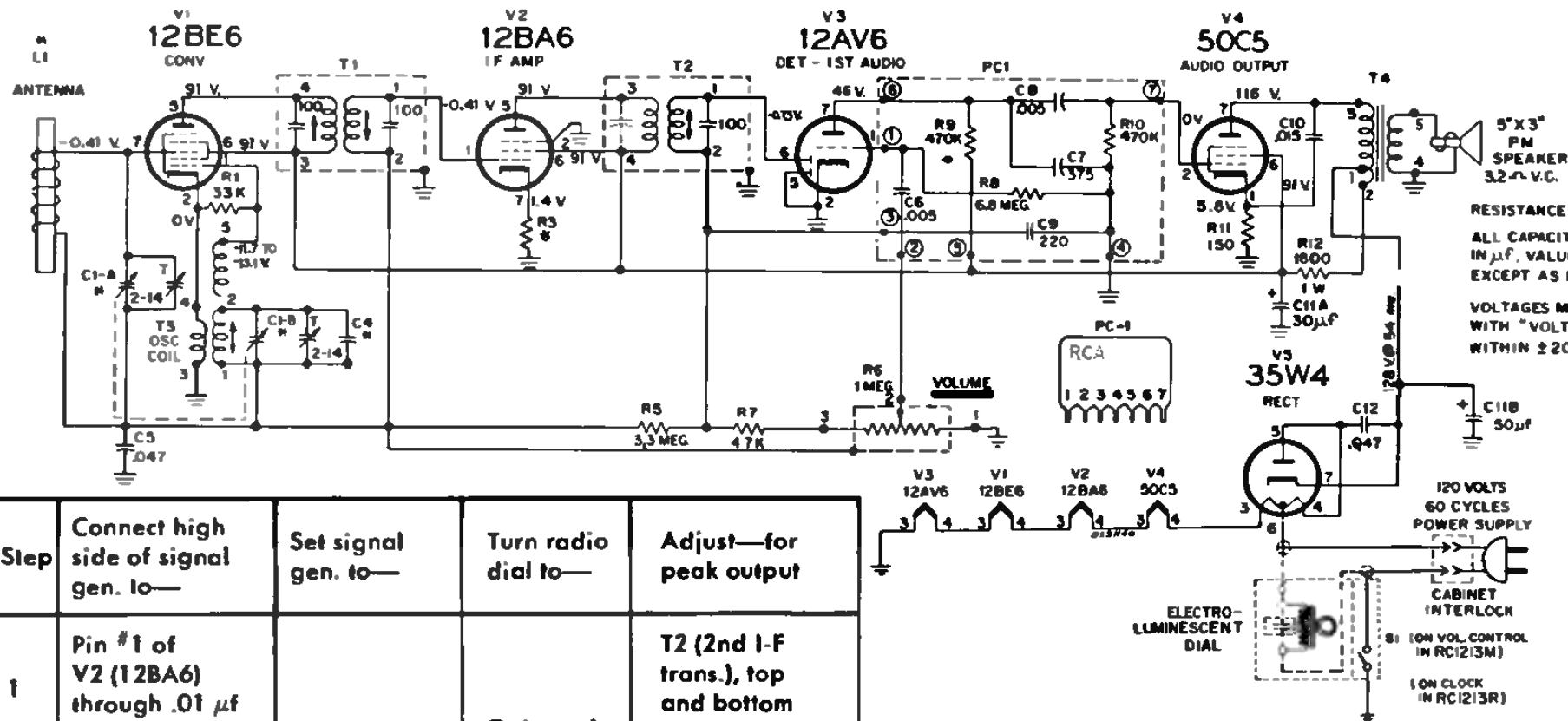


CHASSIS		
*	RC-1213	
	A	K
C1-A	12.5 366.5	12.5 366.5
C1-B	10.0 99.3	10.4 112.5
C10	0.01	0.015
C11-A	50 $\mu$ f	30 $\mu$ f
C11-B	30 $\mu$ f	50 $\mu$ f

RESISTANCE VALUES ARE IN OHMS. K= 1000  
ALL CAPACITANCE VALUES LESS THAN 1.0 ARE  
IN  $\mu$ f, VALUES 1.0 & ABOVE ARE IN  $\mu$ f ( $\mu$ f),  
EXCEPT AS NOTED.

VOLTAGES MEASURED TO COMMON NEGATIVE ( $\downarrow$ )  
WITH "VOLTOHMYST" & SHOULD HOLD  
WITHIN  $\pm 20\%$  WITH RATED LINE VOLTAGE.

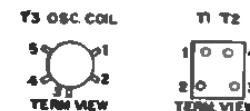
The RGA 12 and RGA 15 are table model radio receivers and the RGD 20 is a table model clock radio designed for the reception of AM broadcasts. These instruments are housed in one piece plastic cabinets with "snap-in" masonite back covers to which is attached the loop antenna and power cord interlock connector. With this mode of power connection, the line cord is disconnected from the chassis thus removing all power when the back cover is removed and the chassis is exposed. The use of captive knobs, which cannot be separated from the cabinet, and line cord disconnect removes the possibility of shock hazard in these instruments.



	RC1213M	RC1213R
L1	FERRITE	AIR LOOP
C1-4	30.9 pF	10.3 pF
C1-8	110 pF	8.4 pF
C4	5.6 pF	3.3 pF
R3	150 Ω	100 Ω

RESISTANCE VALUES ARE IN OHMS K = 1000  
ALL CAPACITANCE VALUES LESS THAN 10 ARE IN  $\mu$ F, VALUES 10 AND ABOVE ARE IN pF, EXCEPT AS NOTED

VOLTAGES MEASURED TO COMMON NEGATIVE WITH "VOLTOHMYST" AND SHOULD HOLD WITHIN  $\pm 20\%$  WITH RATED LINE VOLTAGE



Step	Connect high side of signal gen. to—	Set signal gen. to—	Turn radio dial to—	Adjust—for peak output
1	Pin #1 of V2 (12BA6) through .01 $\mu$ f capacitor	455 kc (Modulated)	Quiet point near 1600 kc	T2 (2nd I-F trans.), top and bottom cores
2	Pin #7 of V1 (12BE6) through .01 $\mu$ f capacitor			T1 (1st I-F trans.), top and bottom cores
3	Repeat steps 1 and 2			
4	Short wire placed near antenna to radiate signal	1620 kc (Modulated)	Gang fully open	C1-B-T (osc. trimmer)
5		1400 kc (Modulated)	1400 kc signal	C1-B-T (Ant. trimmer)
6		600 kc (Modulated)	600 kc signal	T3 (osc. coil) (rock gang)
7	Repeat steps 3, 4 and 5			

# RCA VICTOR

This is exact material for the following:  
RGA-27 Series, Chassis RC-1213R;  
RGD-30 Series, Chassis RC-1213M;  
and this group of sets are very similar:  
RHA-12G,N,Y, RHA-17A,E,J, RC-1213W;  
RHD-13N,Y, RHD-17A,J,Y, using  
Chassis RC-1213AB; RHD-21A,J,T,  
using Chassis RC-1213AA.