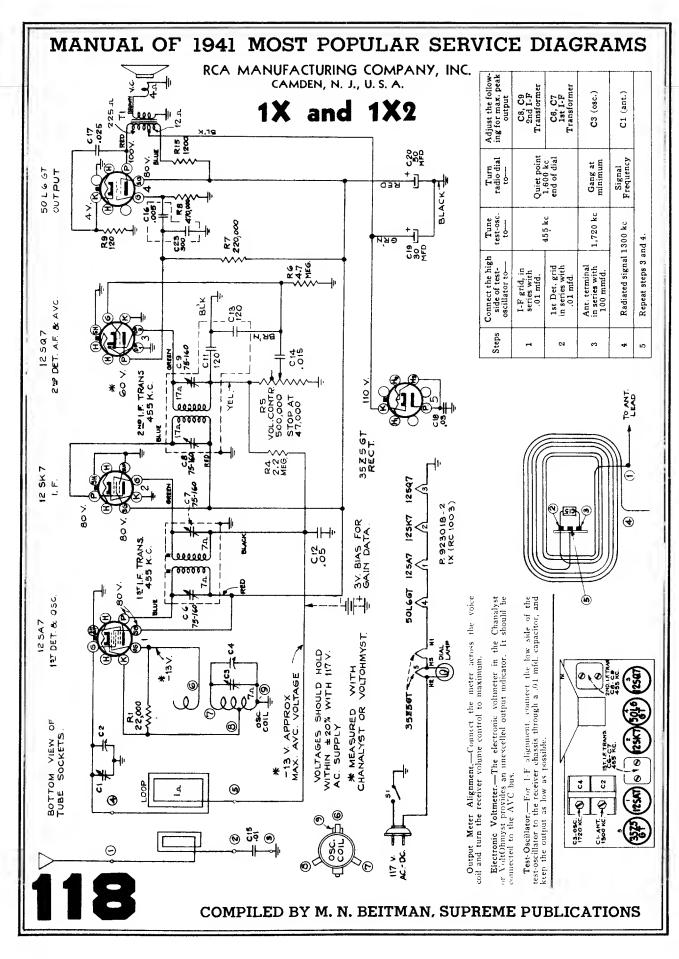


R.C.A. Victor Co., Inc.			
	Model: 1X	Chassis:	Year: Pre April 1941
	Power:	Circuit:	IF:
	Tubes:		
	Bands:		
Resources			
Beitmans 1941 118			
Riders 12 (XII) RCA 1	2-7		
Riders 14 (XIV) RCA	14-68		



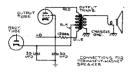
Θ

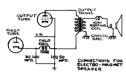
CHANGES NOTES

1X, 12X, 14X SERIES

Speaker changed from "PM" to "EM":

First Production of the following models use RL-81-82 "PM" (permanent-magnet) speaker. In 2nd Production, the speaker is phanged to RL-86-83 "EM" (electro-magnet) speaker. The circuit for each type of speaker is shown in the accompanying diagrams.





Circuit for "PM" and "EM" Speakers in 1X, 12X, and 14X Scries.

Replacement Parts for the RL-86-A3 "EM" speaker are as follows:

Model Number	Chassis Number	Cone and Voice Coil No.	Output Trans- former No.
1X, 1X2	RC-1003	35570	35056
1AX, 1AX2	RC-1003A	35570	35056
12X, 12X2	RC-1001B	85570	36994
12AX, 12AX2	RC-1001C	35570	38994
14X, 14X2	RC-1001D	35570	38994
14AX, 14AX2	RC-1001E	35570	38994
Unit List Price:	No. 35056,	1.30	
	No. 38994,	1.30	

The Field Coil for RL-86-A3 Speaker is Stock No. 39543.

1X, 1X2, 1AX, 1AX2, 45X5

Line Bypass Capacitor:

In some production, the .005 mfd. line bypass is connected from plate to cathode on the rectifier tube, instead of from plate to chassis.

1X, 1X2, 1AX, 1AX2

2nd Production:

The tuning-knob shaft and its "C" washer are changed as follows: Shaft "C" Washer

1st Prod... No. 35343 (18-in.) .. No. 34373 2nd Prod... No. 38846 (18-in.) .. No. 33726 Capacitor Changes:

C14 changed from .015 to .02 mfd., No. 36248 C17 changed from .085 to .02 mfd., No. 36248 C24 (1AX, 1AX2) changed from .2 to .1 mfd., No. 43763 R4 changed from 2.2 to 3.3 megs., No. 12928

QB2, QB6

I-F or A-F Transformer Breakdown:

In 2nd production, a 10-megohm, 1-watt In 2nd production, a 10-megohm, 1-watt Commercial across the 4B current commercial across the 4B current commercial across the 4B current control of the commercial across the 4B current control of the commercial across the co

CV-112X CONVERTER

AC Power Unit for QB2, QB5, QB6:

The CV-112X is designed to convert Models QB2, QB3, and QB0 from hastery to ac operation. It differs from the CV-12 in that it has the control of the contro

RCA MFG. CO., INC.

QB3 (RC-539)

C15, 66 mmfd., Stock No. 36072:

In 2nd Production of QB3, C15 is changed to 66 mmfd, (Stock No. 36072, List Price \$.30) to improve tracking.

QB6 (RC-529D)

Service Data:

Model QB6 is essential the same as Model QB2, except for the following parts which are used in the QB6:

Stock No.		List Price
37976	Bracket-Tone control sup-	
	port bracket	.25
37999	Dial-Glass dial scale	.75
36103	Decal-Power-volume decal.	.05
37839	Decal-Range switch decal	.15
85392	Decal-Trade mark decal	.05
35391	Decal-Tuning decal	.05
87838	Frame-Dial frame complete,	
	less dial and pointer	1.25
85650	Knob-Tone control knob.	.25
34861	KnobTuning knob	35
34862	Knob-Vol. control or range	.00
04000	switch knob	.35

10X, 2ND PRODUCTION Chassis No. RC-1001-B:

No. R. 1 production of Model 10X has chassis No. R. 1 and production, the chassis is No. RC-1001-B, with RL-81B2 "PM" speaker.

The circuit in 2nd production is the same as Por replacement parts, refer to the 10X Service Note, and the following parts which are used in the 2nd production:

Heir

Stock No.	Description	List Price
36301	Capacitor-Electrolytic, com-	
90901	prising 1 section of 50	
	mfd., 150 volts, and 1	
	mid., 150 voits, and 1	
	section of 30 mid., 150	
	volts	1.25
11315	Capacitor 015 mfd	.20
30189	Resistor-120 ohms, 1 watt	.20
6134	Resistor-1,200 ohms, 1 watt	.22
30492	Resistor-22,000 olums. 2	
	watt	.20
14583	Resistor-220,000 olums, 3	
	watt	.20
36800	Transformer Output trans-	
	former	1.30
		1
	SPEAKER ASSEMBLIES	
	(RL-81B-2) .	
35570	Cone-Cone complete with	
00070	voice coil	1.20
36153	Fastener-Push-on fastener	1.20
30133	for back	.10
35078	Knob-Volume control or	.10
93019		
	tuning knob	.15

LOCATING INTERFERENCE

With a Model BP-10:

With a Model B7-10:

The Model B7-10 "Personal" loop receiver has been used successfully in tracking down the source of selectrical interference, and the source of selectrical interference, and the source of selectrical interference, and the source of the selectric selectric

BP-10 AND 15BP

Oscillator Coil Color Code

Committee Color Code:
The correct color code for the oscillator coil in these models is as follows: Lead to oscillator plate. Lead to +B. Lead to oscillator grid. Green Lead to chassis. White

SPEAKER GAUGE No. 39598 For BP-10 Elliptical Speaker:

A special gauge, No. 39598, is now available for centering the voice coil in Model BP-10 with elliptical speaker,

CONE CENTERING GAUGE For BP-10 Round Speakers:

A cone centering gauge for the BP-10 round speaker (Stock No. 36504, Part No. 84891-501) is now available. The gauge is carried as Stock No. 70008. The cone centering gauge for the BP-10 elliptical speaker is Stock No. 39598 (see Supplementary Information 6 and 7).





Stock No. 70003-Cone Centering Gauge

12X, 12X2, 12AX, 12AX2 Antenna Coupling Coil:

In 2nd production, the shunt resistor R7 across the primary of the antenna coupling coil is omitted, and the antenna coupling coil is changed from Stock No. 37356 to 37962, list price \$7.55.

14AX, 14AX-2

Changes in 2nd Production:

C3, in grid circuit of 12SQ7, is changed from .015 to .02 mfd, Stock No. 88248.
C5, in 50L6GT plate circuit, is changed from .025 to .02 mfd., Stock No. 38248.
C11, chassis ground to power ground, is changed from .2 to .1 mfd., Stock No. 4839.

14AX2 (RC-1001E)

Service Data:

The Service Data for Model 14AX applies to Model 14AX2, except for the following parts used in 14AX2:

Stock No.		Unit List Price
36801	Coil-Oscillator coil	.65
37353	Condenser-Variable tuning	
	condenser	2.75
38816	BackCabinet back	.25
Y1140	Cabinet	4.50
35071	Knob-Control knob	.15
RL-86-	A3 "EM" speaker is used in	some

production of 14AX2, as specified elsewhere in this supplement.

