

**RCA 66BX, Chassis RC-1040B**

This model is the same as model 66BX, Chassis RC-1040 appearing on pages 15-37 and 15-38 of *Rider's Volume XV*, except for the following changes:

Chassis RC-1040B uses a 3V4 output tube and a selenium rectifier. Resistor R3 and capacitor C8 in the converter stage are omitted.

Resistor R17 in the power supply has been changed in value to 2650 ohms. Resistor R20 (2700 ohms) replaces resistor R18 in the power-supply circuit. A 33-ohm resistor (R31) has been added between the selenium rectifier and the "hot" side of capacitor C33. Capacitor C33 is now grounded. See Fig. 1.

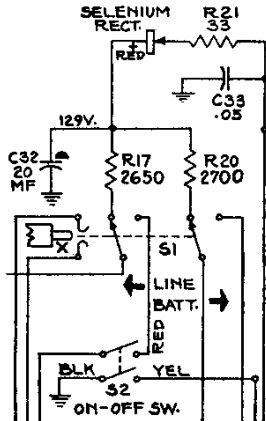
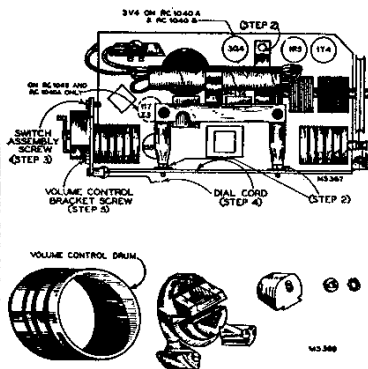


Fig. 1. Power supply of the RCA Chassis RC-1040B.

If the volume control needs replacement, the following steps should be followed. See Figs. 2 and 3.

1. Remove the 3V4 power output tube.
2. Remove the three screws holding the power cord bracket assembly. (Do not damage insulating washers.)
3. Remove the screw holding the switch assembly and remove the switch.
4. Remove the dial cord from the pulley.
5. Remove the screw holding the volume control bracket assembly.
6. Loosen the screw which maintains pressure on the expansion assembly.
7. Remove the drum.
8. Remove the expansion assembly from the volume control shaft.
9. Remove the nut holding the volume control to the bracket.

The following changes should be made in the parts list. Delete the following:



Stock No.	Description
38875	Resistor—1800 ohms, 1 watt (R18)
71038	Resistor — ballast resistor, 2300 ohms, 6 watt (R17)
30649	Resistor — 2.2 megohms, 1/4 watt (R3)
70392	Cord — power cord
31709	Capacitor — ceramic 6.8- $\mu$ mf (C7)
Add the following parts to the parts list.	
Stock No.	Description
39043	Capacitor—Ceramic, 6.8- $\mu$ mf (C7)
70022	Cord — power cord
72283	Grommet — rubber grommet to mount tuning capacitor (4 required)
72543	Rectifier — selenium rectifier
71290	Resistor—33 ohms, 1 watt (R21)
30930	Resistor — 1800 ohms, 1/4 watt (R6, R15)
72760	Resistor — ballast resistor, 2650 ohms, 7 watt (R17)
14421	Resistor—2700 ohms, 1 watt (R20)
72541	Socket — tube socket - miniature - 7 prong bottom mounted with shield
72980	Side — case side — l.h. with decorative ribs at top, bottom, and both sides.
72979	Side — case side — r.h. (loop side) less capacitor assembly with decorative ribs at top, bottom, and both sides.

**RCA Radiola 62-1 (RC-1017A)**

This appeared in *Rider's Manual Volume 16*, pages RCA 16-33 and 16-34. A 270,000-ohm resistor, R12, is connected across the phono input between the center contact of the phono jack. One lead of the resistor joins the contact which goes to switch S1 and the other lead joins the jack at the point where C4 is connected to it.

**RCA 65U-1**

*Rider's Volume 15*, pages RCA 15-85 and 15-86 list models 65U and 65AU. These are the same as model 65U-1. The difference is found in the cabinets. The U and AU models have a rounded top at the front and the U-1 has a beveled top in front.

**RCA 67V1, Chassis RC-606C**

This model appears on pages 16-35 through 16-39 of *Rider's Volume XVI*. Resistor R18 which was originally 470,000 ohms, appears in some chassis as 330,000 ohms and in some chassis as 220,000 ohms.

**RCA 67V1, 67AV1**

These models appear on pages 16-35 to 16-39 of *Rider's Volume XVI*. In late production models, resistor R18 connected from the phono jack to ground has been changed from 120,000 ohms to 330,000 ohms.

**RCA 75X11, 75X12 (RC-1050)**

The following changes have been made in the wiring. The circuit appears in *Rider's Manual Volume 18* pages RCA 18-49 and 18-50.

Capacitor C18 is now connected between pin #3 and pin #8 of the 35Z5GT rectifier. The service data indicates that it is connected between pin #3 of the above rectifier tube and the junction of R17 and C19.

Add to the parts list the following; under the heading of Chassis Assemblies:  
39632 Capacitor-Mica 150- $\mu$ mf (C13)

Fig. 2, above. Parts layout of RCA chassis RC-1040B. Fig. 3, left. Volume control disassembly.

**RCA 75X11, 75X12 (RC-1050A)**

These models are the same as models 75X11 and 75X12, chassis RC-1050, appearing in *Rider's Volume 18* on pages RCA 18-49 and 18-50 except for differences in the i-f transformers. Here are the listing of the i-f transformer part numbers for the two different chassis.

Chassis RC-1050 uses:

- 1st IF trans. stamped 922246-7, Stock No. 71558
- 2nd IF trans. stamped 940351-2, Stock No. 71631

Chassis RC-1050A uses:

- 1st IF trans. stamped 922246-11, Stock No. 70128
- 2nd IF trans. stamped 922246-12, Stock No. 70129

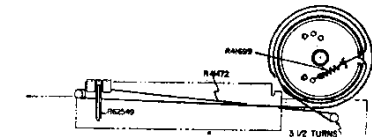
Connections to the i-f transformers are identical for both chassis. Capacitors C8 and C9 of the 2nd i-f transformer stamped 922246-12 (RC-1050A) are 122- $\mu$ mf each; the windings of this transformer have a d-c resistance of 13 ohms each.

**RCA 76ZX12**

This receiver is in *Rider's Manual Volume 18*, pages RCA 18-51, 18-52. The following corrections are made in the parts lists. Under the miscellaneous heading Delete No. 36886 Knob and Add No. 70414 Knob—control knob ivory for 76ZX12

**Sears 6686, Chassis 101.831**

This model appears on page 17-1 of *Rider's Volume XVII*. It has been found that the dial cord slips on some of these models. To help correct this condition, it will be necessary to replace the present dial cord with a longer dial cord to change the pointer hookup. The new cord should be cut about 40 inches long and should measure 16 3/4 inches folded after assembly to the dial string tension spring. See the accompanying diagram for correct hookup.



Dial cord hookup for Sears chassis 101.831

Dial slippage may be due to a tight ganged tuning capacitor. If light lubrication does not correct the condition, the thrust adjusting screw on the rear of the tuning gang may be backed off very slightly and securely locked in the new adjustment. Use great care to avoid excessive loosening as the rotor and stator plates may short. The set may require realignment after this adjustment.

If frequency shift occurs, the following change is recommended to correct the condition:

1. Remove the screw and mica and bend up the leaf of the capacitor shunted across the a-m oscillator trimmer capacitor, C23.
2. Replace this part with a 15- $\mu$ mf  $\pm$  10% ceramic capacitor.
3. Realign the a-m band of the radio receiver.

This change is being incorporated in production and will be effective on all sets shipped after September 30, 1948.

**RCA 55U**

This change refers to RCA Model 55U, which appears on page 15-16 of *Rider's Volume XV*. Models having serial numbers B62201 will use transformer part number 922246-7 (Stock No. 70386). In this transformer, C21 is 100  $\mu\text{f}$ , rather than 110  $\mu\text{f}$ , as in previous transformers.

**RCA 55U, 56X, 56X5, 65X**

On these models, the data for which appear in *Rider's Volume XV*, the lead coloring on the output transformer may not correspond with the coloring given on the schematic in the service notes. It is therefore necessary to rely on resistance measurements to determine lead connections, rather than the color coding given in the schematic.

**RCA 56X5, 56X10**

In some of these models the 15-megohm resistor R5 has been omitted. This does not affect the basic operation of the set, the primary effect being to make the set more sensitive. The schematics for the RCA Models 56X5 and 56X10 appear on pages 15-32 and 15-34 respectively of *Rider's Volume XV*. Resistor R5 appears in both of these schematics.

**RCA 59VI**

A speaker substitution has been made in some of the RCA Models 59VI, the circuit diagram of which appears on page 15-54 of *Rider's Volume XV*. Speaker 92567-1 has been substituted for speaker 92513-1K. For replacement of speakers stamped 92567-1, order Stock No. 36330.

**RCA 59VI**

In RCA Model 59VI, found on page 15-44 of *Rider's Volume XV*, field coils stamped 94136-501A will have a minimum resistance of 1300 ohms at 25° C.

**RCA 61-6, 61-7**

A change has been made in the dial drive cord of these models, the dial drive mechanism of which appears on page 15-53 of *Rider's Volume XV*. Stock No. 32634 cord-drive cord (about 37 inches long) should be approximately 34 $\frac{3}{4}$  inches long.

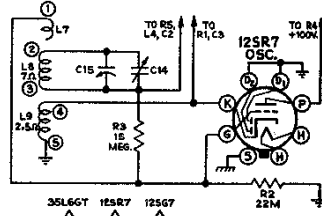
**RCA 66BX**

The following changes pertain to RCA Model 66BX which appears on page 15-87 of *Rider's Volume XV*:

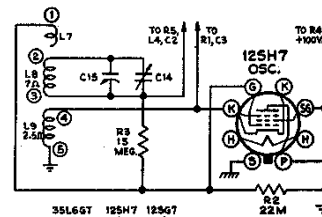
1. Change Stock No. 71229—Transformer—First i-f transformer (L6, L7, C13, C14), to Stock No. 71399.
2. Add Stock No. 72541—Socket—Tube socket—miniature—bottom mounted.

**RCA 61-1, 61-2, 61-3**

The schematic shown on page 15-49 of *Rider's Volume XV* shows a 12J5GT oscillator tube in chassis RC-1011. In the second production the 12J5GT tube was replaced with a 12SR7 tube (as shown in Fig. 1) and the chassis changed to RC-1011A. In the third production, the 12SR7 tube was replaced with a 12-



RC 1011A  
OTHERWISE IDENTICAL TO RC1011



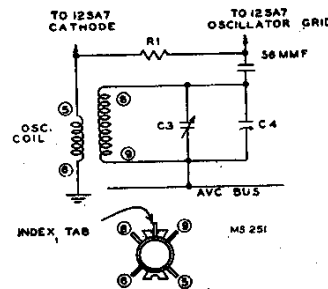
RC 1011B  
OTHERWISE IDENTICAL TO RC1011

Fig. 1, above. Revised circuit with 12SR7 oscillator. Fig. 2, below, Second revision with 12SH7 oscillator.

SH7 tube (as shown in Fig. 2) and the chassis number is now RC-1011B.

**RCA 65X Series**

Some models may use a No. 71406 oscillator coil in place of the one shown in the schematic which appears on page 15-62 of *Rider's Volume XV*. When No. 71406 oscillator coil is used, there will be a No. 39622 mica capacitor (56  $\mu\text{f}$ ) used in place of the "gimmick" capacitance winding shown in the schematic. The accompanying drawing illustrates the necessary circuit changes.



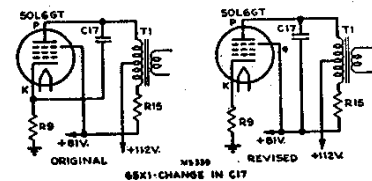
Alternate oscillator coil in RCA 65X.

**RCA 65X1, 65X2, 65X8 and 65X9, Chassis RC-1034**

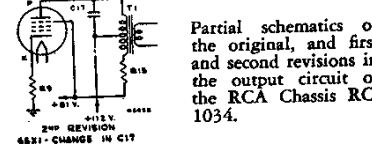
Models 65X8 and 65X9 are the same, except for the cabinets, as models 65X1 and 65X2, chassis RC-1034, shown on pages 15-61 and 15-62 of *Rider's Volume XV*. The following changes are applicable to all models. Capacitor C17, which was originally connected between plate and cathode of the 50L6GT output tube and later connected between plate and screen grid of the 50L6GT output tube, is now connected between plate of the 50L6GT output tube and center tap of the output transformer. These changes are shown in the accompanying schematic.

Some chassis use a part No. 71406 oscillator coil instead of the one indicated on the schematic. When this oscillator coil is used, a part No. 39622 mica capacitor (56  $\mu\text{f}$ ) is used in place of the capacitance winding L4 (gimmick) shown in the schematic. This capacitor is connected between 7 and 8 of the oscillator coil.

The lead coloring of the output transformer may not correspond with the coloring given on the schematic. It is, therefore, necessary to rely on resistance measurements rather than the color coding given on the schematic to determine lead connections.



65X1-CHANGE IN C17

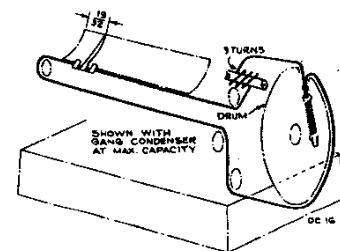


2ND REVISION 65X1-CHANGE IN C17

Partial schematics of the original, first and second revisions in the output circuit of the RCA Chassis RC-1034.

**RCA 66BX**

The dial cord drawing for this model is shown on page 15-87 of *Rider's Volume*



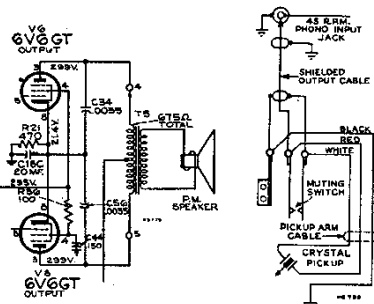
The dial cord drawing for RCA 66BX.

*XV*; this is slightly in error and the correct drawing is shown in the accompanying figure.

**RCA 9W101, 9W103, 9W105**

These models appear on pages 19-35 through 19-44 of Rider's Manual Volume XIX.

A capacitor (150  $\mu\text{f}$ -C44) has been added between the screen grid terminal of V8 (6V6GT) socket and chassis as shown in the accompanying illustration. This was



Output Tubes Circuit Pickup Arm Cable Models 9W101, 9W103, 9W105

done to eliminate spurious audio oscillation.

The simplified schematic diagrams (phono position) on page 19-39 show C34 and C56 connected to ground. They should be shown connected to the cathodes of the 6V6GT tubes as shown in the accompanying illustration.

To improve f-m stability one dial lamp is now connected to pin #2 of V9 (6X5GT). Previously, both were connected to pin #2 of V8 (6V6GT).

Speakers stamped 92569-1WX have been used as a substitute for 92569-5W speakers in Model 9W101; 92569-1WX speakers have a 2.2-ohm voice coil; 92569-5W speakers have a 3.2-ohm voice coil.

The following additions have been made to the parts list:

- 48125 Capacitor—Ceramic, 150  $\mu\text{f}$  (C44) Same as C7, C19, C38, C50, C53
- 13867 Cap—Dust cap
- 36145 Cone—Cone and voice coil assembly
- 5039 Plug—4 prong male plug for speaker
- 71145 Suspension—Metal cone suspension
- 37899 Transformer—Output transformer (T3)

Note: When replacing complete speaker order Stock No. 73635 (92569-5W).

37396 Grommet—Rubber grommet for mounting speaker (3 required)—for Model 9W103

73896 Loop—Loop antenna complete for Models 9W101 and 9W103 (previously listed for 9W101 and 9W105).

The RP-168A-1 record changer pickup arm cable now being used is a three wire cable (RED-WHITE-BLACK). In some instruments the black wire is omitted or a shielded wire may be used as shown in 9W101, 9W103, 9W105 Service Data. The latest connection diagram is shown in the accompanying illustration.

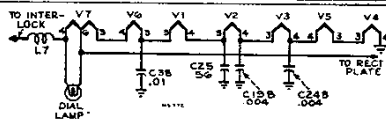
**RCA 8X53, 65X1, 65X2, RC-1064**

Model 8X53 appears on pages 18-41 and 18-42 of Rider's Volume XVIII and Models 65X1 and 65X2 appear on pages 15-61 and 15-62 of Rider's Volume XV.

The number of turns of dial cord on the tuning shaft has been increased from 2-1/4 turns to 3-1/4 turns.

**RCA 8X71, 8X72**

These models appear on pages 19-30 through 19-34 of Rider's Manual Volume XIX. A capacitor (0.01  $\mu\text{f}$ -C38) has been added between pin #3 of V6 (35C5) and chassis. The revised heater connection



Heater Connections—Models 8X71, 8X72

schematic diagram is illustrated in the accompanying diagram.

The following have been added to the parts list:

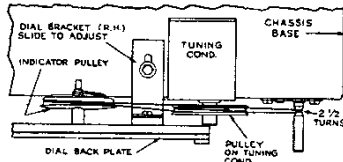
- 71923 Capacitor—Tubular, 0.01  $\mu\text{f}$ , 200 v. (C38) same as C23, C36.

**RCA 75ZU, Ch. RC-1063A**

This model appears on pages 19-45 and 19-46 of Rider's Manual Volume XIX. A groove approximately 1/16 inch deep by 1/8 inch wide is now included on the outer rim of the bakelite station selector indicator pulley, Stock No. 73060.

If trouble is encountered with the drive cord coming off this pulley, either of the following corrections may be applied:

- (a) Position the pulley in relation to the gang drum by the adjustment provided on the long support bracket for the dial back plate assembly so that the drive cord occupies the position indicated in the accompanying illustration.



Dial Drive Cord of RCA 75ZU.

- (b) Replace the pulley with one incorporating the groove indicated above.

The service data for the 50-cycle version of Radiola 75ZU will apply to this instrument except:

RP-178 record changer only is used.

A conversion spring (Stock No. 73158) is added to the motor spindle shaft for 50-cycle operation.

A decal ("RCA Victor" Stock No. 71984) is added to the front of the cabinet.

These changes apply to the RC-1063B also.

The following have been added to the parts list for instruments using blonde mahogany cabinets:

- 73722 Knob—Power—Phono—radio switch knob—for blonde instruments
- 73829 Knob—Tuning Knob—for blonde instruments
- 73630 Knob—Volume Control Knob—for blonde instruments

**RCA 66BX, Ch. RC-1040, RC-1040A, RC-1040B; 8BX5, 8BX54, 8BX55, Ch. RC-1059, RC-1059A; 9BX5, Ch. RC-1040C, RC-1040D; 9BX5, Ch. RC-1059B**

Model 66BX appears on pages 15-87 through 15-88 of Rider's Manual Volume XV and on page C17-7 of Rider's Manual Volume XVII. Models 8BX5, 8BX54, and 8BX55 appear on pages 19-5 through 19-9 of Rider's Manual Volume XIX. Models

8BX6 and 8BX65 appear on pages 18-11 through 18-14 of Rider's Manual Volume XVIII.

The line-battery switch used in these receivers is of the "slide" type. The actual switch does not have numbered terminals, although the schematic diagrams have numbers indicated. The numbers on the schematic diagrams do not indicate the actual sequence of the terminals on the switch. The accompanying illustrations show the actual sequence of the switch terminals and the corresponding numbers which appear on the schematic diagrams. Figure 1 is the diagram for the 8BX5.

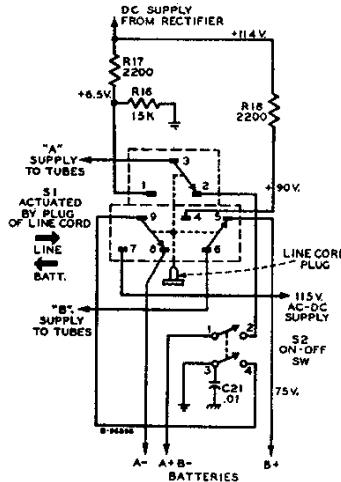


Fig. 1. Line-battery switch for RCA 8BX5.

first production, Ch. RC-1059. Figure 2 applies to models 8BX5, 8BX54, 8BX55, second production, Ch. RC-1059A; 9BX5, first production, Ch. RC-1059B; 9BX5, second production, Ch. RC-1059C. For models 8BX6 and 66BX, the circuit is as shown in Figure 2, except for different resistor numbers and values.

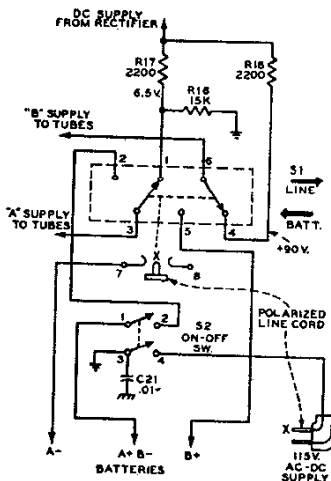
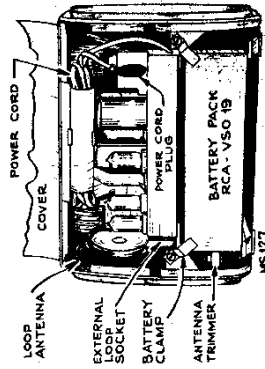
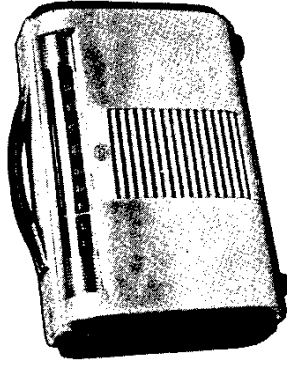
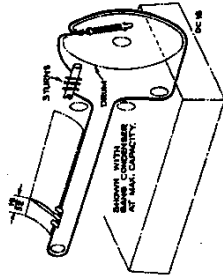
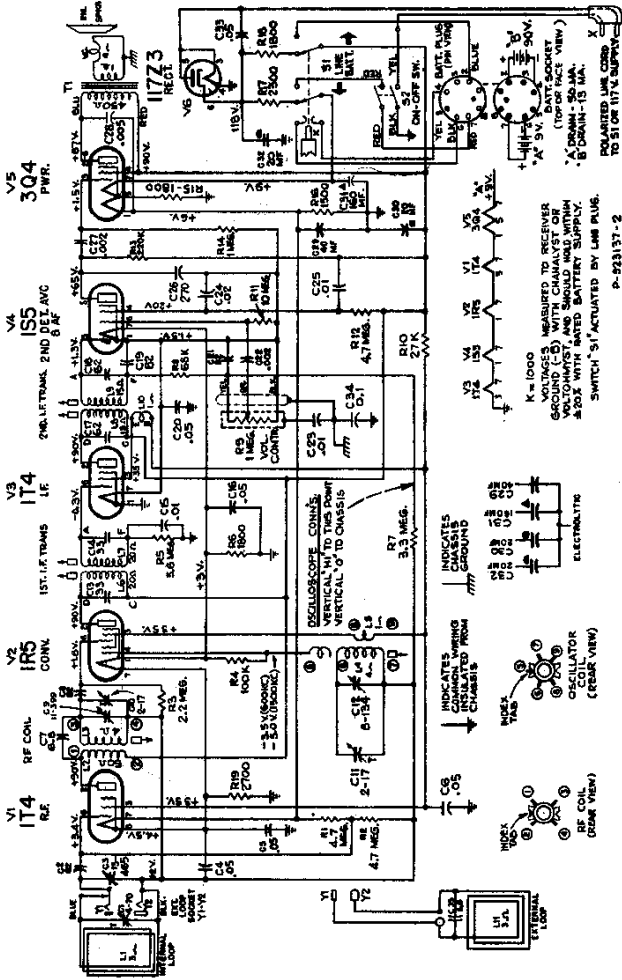
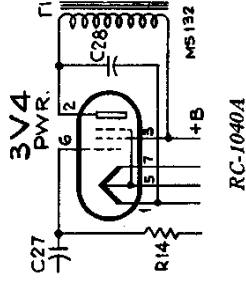


Fig. 2. Line-battery switch for RCA 8BX5, 8BX54, 8BX55, 9BX5, 8BX6, and 66BX.

- CAUTION—**
1. Do not remove any tubes from the chassis with the set operating and the plug connected to the power line. Damage to tubes may result.
  2. When cleaning the aluminum portion of the case use soap and water or cleaning fluid. Do not use abrasive cleansers.



—1946



**NOTE—**The Chassis marked RC-1040A have R-3 and C-8 omitted and have the power tube socket connected for a 3V4 tube.

Frequency Range	540-1,600 kc
Intermediate Frequency	455 kc
110 to 125 volts, AC 50 or 60 cycles, or DC	14 watts
Batteries required	One RCA Battery Pack V5019 or equivalent
Tube Complement	(1) RCA-1T4..... R.F. (2) RCA-1R5..... Converter (3) RCA-1T4..... I.F. Amplifier (4) RCA-1S5..... 2nd Det. AVC. & A.F. Amplifier (5) RCA-3Q4-RC-1040..... Power Output (6) RCA-117Z3..... Rectifier

**CRITICAL LEAD DRESS**

1. Dress all filament leads next to chassis.
2. Keep the leads short on the ends of the three components which connect to the grid terminal (16) of the r.f. socket. (R-1, R-2, C-2).
3. Separate leads to front and center sections of gang as far as possible and away from tubes.
4. Dress loop leads away from tuning drum and battery.
5. Dress output transformer leads away from rear section of gang.
6. Dress r.f. plate lead away from r.f. grid circuit.
7. Dress components and wiring near external loop socket to clear external loop pins.
8. Dress avc lead away from 2nd IF transformer and associated components.
9. Dress converter plate lead away from chassis and away from output twisted leads.
10. Dress twisted output leads up and away from other wiring.
11. Dress volume control cable, switch cable, and line receptacle leads away from rectifier tube and resistor case.
12. Dress 1st audio plate lead up and away from other wiring.
13. Do not restrict floating action of sockets by tight wiring.

**Using External Loop—**

A loop antenna is housed inside the cabinet. Under normal conditions this will give satisfactory reception. If however the receiver is used in a location remote from broadcasting stations where signals are weak, or where interference is excessive, or in a shielded compartment such as an automobile, airplane or railroad train, an RCA external loop can be used. This loop antenna has a strap connector cord with identical two prong plugs on either end, this makes it convenient in connecting it to the circuit through the receptacle located in the left hand side of the chassis. Open the case, plug the antenna cord into the socket (it will only go in one way), bring the strap out through the slot in the case and attach the Loop Antenna by means of the suction cup to any convenient vertical surface.

This loop antenna can be stored in the cabinet, in the compartment below the battery pack, and the cord in the small compartment in the lower right hand corner of the cabinet.

MODEL 66BX

Chassis RC-1040,  
RC-1040A

RCA MFG. CO.

### Alignment Procedure

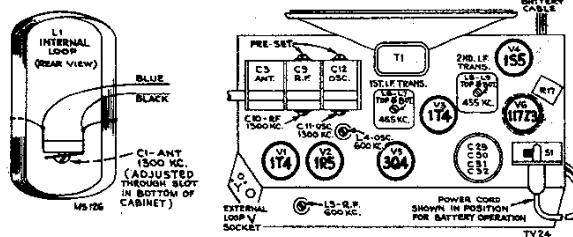
**Cathode Ray Alignment** is the preferable method. Connections for the oscilloscope are shown on the schematic diagram.

**Output Meter Alignment.**—If this method is used, connect the meter across the voice coil and turn the receiver volume control to maximum.

**Test Oscillator.**—For all alignment operations, connect the low side of the test oscillator to the receiver chassis and keep the oscillator output as low as possible to avoid AVC action.

**Calibration Scale.**—The calibrated dial scale is permanently connected to chassis. It can therefore be used directly as a reference for alignment.

With the gang at full mesh set the dial pointer so that the left hand edge of the pointer is  $\frac{3}{4}$  inches to the right of the point indicated in the dial cord drawing.



Steps	Connect the high side of test-oscillator to—	Tune test-osc. to—	Turn radio dial to—	Adjust the following for max. peak output
1	High side of loop (Blue lead) in series with 0.1 mfd.	455 kc	Gang at max. cap.	L8, L9 (2nd I.F. Trans.)* L6, L7 (1st I.F. Trans.)
2	High side of loop (Blue lead) in series with 0.1 mfd. (Bottom shield cover in place and chassis out of cabinet)	1300 kc	1300 kc	C11—(osc.) C10—(R.F.)
3	220 mmf. in series with a single turn loop 4x8 in., approx. 3 in. from receiver loop. (Chassis in cabinet—C-1 connected and rear lid of cabinet closed)	600 kc	600 kc	L4 (osc.) L3 (R.F.)
** 4	220 mmf. in series with a single turn loop 4x8 in., approx. 3 in. from receiver loop. (Chassis in cabinet—C-1 connected and rear lid of cabinet closed)	1300 kc	1300 kc	C1 (loop)

\*If two peaks are found with top slugs use the one with stud in the outer position.  
\*\*Adjust C-1 loop cap with back cover of case closed. Access to trimmer is made through small slot in case provided for cable of external loop.

#### AC-DC Operation.

This receiver will operate on 105 to 125 volts, AC 50 or 60 cycles, or DC. A power cord is stored in the fiber tube which is clamped above the chassis inside the cabinet. To open the cabinet, slide the two plastic feet in the rear of the cabinet toward each other, and raise the back cover upward on its hinges. Then pull the power cord plug out of the socket on the top of the chassis as shown, and take out and unroll the power cord. A slot in the bottom of the cabinet allows the closing of the cabinet with the power cord passing through. Close the cabinet with the cord extending through the slot and insert the plug into a convenient electrical outlet.

When returning to battery operation, be sure to replace the power plug in its socket inside the case with the cord stored in the fiber tube.

**NOTE**—If reception is not obtained on DC, reverse plug in outlet receptacle. This may also reduce hum on AC operation.

STOCK No.	DESCRIPTION	STOCK No.	DESCRIPTION
<b>CHASSIS ASSEMBLIES</b> RC 1040			
*71056	Bracket—Drive cord pulley bracket complete with one (1) pulley	*71040	Socket—2 contact female socket for external loop
*71054	Bracket—Drive cord pulley bracket complete with two (2) pulleys	*71037	Socket—Tube socket—miniature—7 prong—floating
*71044	Bracket—Power switch bracket complete with actuating lever	*71827	Socket—Tube socket—miniature—7 prong—bottom mounted
*71042	Button—Plug button	*70390	Spring—Drive cord spring
31709	Capacitor—Ceramic, 6.8 mmf. (C7)	*71039	Spring—Retaining spring for knob
*71514	Capacitor—Ceramic, 82 mmf. (C2, C8, C19, C21)	*71033	Switch—Line—battery change switch (S1)
*71540	Capacitor—Ceramic, 270 mmf. (C26)	*71045	Switch—Power switch (S2)
*71552	Capacitor—Tubular, .002 mfd., 400 volts (C22, C27)	*71299	Transformer—First I.F. transformer (L6, L7, C13, C14)
*71553	Capacitor—Tubular, .005 mfd., 400 volts (C28)	*71400	Transformer—Second I.F. transformer (L8, L9, L10, C17, C18)
70610	Capacitor—Tubular, .01 mfd., 400 volts (C15, C23, C25)	*71047	Transformer—Output transformer (T1)
70611	Capacitor—Tubular, .02 mfd., 400 volts (C24)	*71081	Washer—"C" washer for tuning knob shaft
70615	Capacitor—Tubular, .05 mfd., 400 volts (C4, C6, C33)	*71033	Washer—Insulating washer, extruded, for mounting dial support to chassis base (4 req'd.) and to mount base holder bracket
71551	Capacitor—Tubular, .05 mfd., 200 volts (C5, C16, C20)	*71034	Washer—Insulating washer—flat, to mount base holder bracket
70617	Capacitor—Tubular, 0.1 mfd., 400 volts (C34)	*71049	Window—Dial window
*71043	Capacitor—Electrolytic comprising 2 sections of 20 mfd., 150 volts, 1 section of 160 mfd., 25 volts and 1 section of 40 mfd., 25 volts (C29, C30, C31, C32)	<b>SPEAKER ASSEMBLY</b> 922258-2	
*71053	Clip—Spring clip for knob	*71059	Gasket—Speaker gasket (black tubing)
*71401	Coil—Oscillator coil (L4, L5)	*71058	Speaker—4" x 6" P.M. speaker complete with cone and voice coil
*71402	Coil—R.F. Coil (L2, L3)	<b>NOTE:</b> If stamping on speaker in instrument does not agree with above speaker number, order replacement parts by referring to model number of instrument, number stamped on speaker and full description of part required.	
*71035	Condenser—Variable tuning condenser (C3, C9, C10, C11, C12)	<b>MISCELLANEOUS</b>	
*71057	Control—Volume control (R9)	*71074	Arm—Shutter arm lever
32634	Cord—Drive cord (approx. 37" overall length)	*71617	Cable—Connecting cable for external loop
70392	Cord—Power cord	*71069	Capacitor—Adjustable trimmer, 3-35 mmf. (C1)
*71048	Dial—Dial scale and window assembly	*71080	Clip—Case side spring clip and screw (2 req'd.)
*71036	Drum—Drive drum	*71619	Cup—Suction cup for mounting external loop
*71031	Holder—Power cord holder	*71060	Back—Case back complete with center strip
*71030	Indicator—Station selector indicator	*71061	Foot—Case foot (moulded) (2 req'd.)
*71032	Insulator—Rectangular bakelite insulator—between chassis base and dial support bracket (2 required)	*71068	Foot—Case foot (wood) (2 req'd.)
*71052	Knob—Tuning knob and volume control knob	*71067	Front—Case front complete less shutter
18469	Plate—Electrolytic capacitor mounting plate	*71618	Gasket—Gasket seal to hold loop together
*71041	Plug—4 prong male plug for battery cable	*71063	Handle—Carrying handle
36230	Pulley—Drive cord pulley	*71062	Latch—Case latch (2 req'd.)
30654	Resistor—1500 ohms, 1/4 watt (R16)	*71065	Link—Carrying handle link (2 req'd.)
12194	Resistor—1800 ohms, 1/4 watt (R6, R15)	*71616	Loop—External antenna loop (L11, C35)
38875	Resistor—1800 ohms, 1 watt (R18)	*71079	Loop—Antenna loop—internal (L1)
*71038	Resistor—Ballast resistor, 2300 ohms, 6 watt (R17)	*71064	Retainer—Battery retainer spring bracket (2 required)
30730	Resistor—2700 ohms, 1/4 watt (R19)	*71066	Screw—#8-32 x 1/16" long screw to fasten case together (2 required) for battery holders (2 required)
30409	Resistor—27,000 ohms, 1/4 watt (R10)	*71077	Screw—Screw complete with washer and nut to secure one side to case front or case latch
14138	Resistor—68,000 ohms, 1/4 watt (R8)	*71071	Shutter—Case shutter
3252	Resistor—100,000 ohms, 1/4 watt (R4)	*71076	Side—Case side—L.H.
14583	Resistor—220,000 ohms, 1/4 watt (R13)	*71075	Side—Case side—R.H. (loop side)—less capacitor assembly
30652	Resistor—1 megohm, 1/4 watt (R14)	*71072	Spring—Case shutter compression spring
30649	Resistor—2.2 megohms, 1/4 watt (R3)	31608	Washer—"C" washer for case shutter's shafts
31417	Resistor—3.3 megohms, 1/4 watt (R7)	*71078	Washer—Dampening washer for shutter shafts
30931	Resistor—4.7 megohms, 1/4 watt (R1, R2, R12)		
31455	Resistor—5.6 megohms, 1/4 watt (R5)		
30992	Resistor—10 megohms, 1/4 watt (R11)		
*71055	Shield—Tuning knob shaft		
*71050	Shield—L.H. end shield for dial		
*71051	Shield—R.H. end shield for dial		

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