R.C.A. Victor Co., Inc.

Model: K80	Chassis:	Year: Pre June 1940
Power:	Circuit:	IF:
Tubes:		
Bands:		

Resources
Riders Volume 11 - RCA 11-92
Riders Volume 11 - RCA 11-93
Riders Volume 11 - RCA 11-94
Riders Volume 11 - RCA 11-96
Riders Volume 11 - RCA 11-107
Riders Volume 11 - RCA 11-108

MODEL K60, Chassis RC415
MODEL K80, Chassis RC415A
Alignment, Trimmers
Socket

RCA MFG. CO., INC.

Alignment Procedure

Cathode-Ray Alignment is the preferable method. Connections for the oscillograph are shown in the chassis drawing.

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 output as low as possible to avoid a-v-c action.

Calibration Scale on Indicator-Drive-Cord-Drum.—The tuning dial is fastened in the cabinet and cannot be used for reference during alignment; therefore, a calibration scale is attached to the tuning drum. The setting of the gang condenser is read on this scale, which is calibrated in degrees. The correct setting of the gang in degrees, for each alignment frequency, is given in the alignment table.

As the first step in r-f alignment, check the position of the drum. The 180° mark on the drum scale must be vertical and directly under the center of the shaft of the tuning drum when the plates are fully meshed. The drum is held to the shaft by means of two set-screws, which must be tightened securely when the drum is in the correct position.

On the inner side of the tuning drum are two projections which serve as stops to prevent extreme rotation of the gang condenser. The tuning drum should be set so that the stop limiting clockwise movement of the drum takes effect just as the gang condenser plates are becoming fully meshed, thus preventing stress on the gang due to extreme rotation.

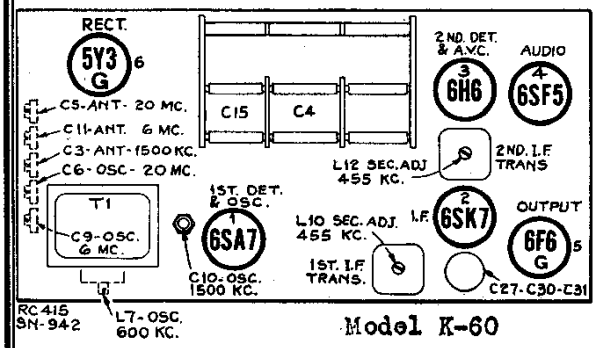
Pointer for Calibration Scale.—Improvise a pointer for the calibration scale by fastening a piece of wire to the chassis, and bend the wire so that it points to the 0° mark on the calibration scale when the plates are fully meshed.

Steps	Connect the high side of the test-osc. to—	Tune test osc. to—	Turn radio dial to—	Adjust the following for maximum peak output
1	6SK7 grid in series with .01 mfd.	455 kc	"A" Band Quiet Point between 550-750 kc	L11 and L12 (2nd I-F Trans.)
2	6SA7 grid in series with .01 mfd.			L9 and L10 (1st I-F Trans.)
3	Ant. terminal in series with 300 ohms	20 mc	20 mc (200°) "C" Band	C6 (osc.)* C5 (ant.)
4		6 mc	6 mc (187.5°) "B" Band	C9 (osc.)** C11 (ant.)
5	Ant. terminal in series with 200 mmfd.	1,500 kc	1,500 kc (198.25°) "A" Band	C10 (osc.) C3 (ant.)
6		600 kc	600 kc (39.75°) "A" Band	L7 (osc.) Rock Gang
7	Repeat step 5.			

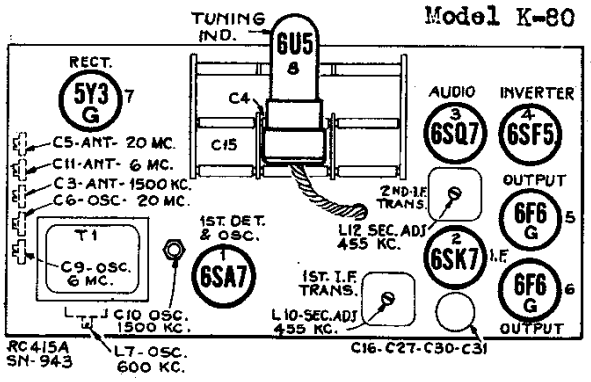
* Use **minimum** capacity peak if two can be obtained. Check to determine that C6 has been adjusted to correct peak by tuning receiver to approximately 19.09 mc where a weaker signal should be received.

** Use **minimum** capacity peak if two can be obtained. Check to determine that C9 has been adjusted to correct peak by tuning receiver to approximately 5.09 mc where a weaker signal should be received.

Note: Oscillator tracks above signal on all bands.

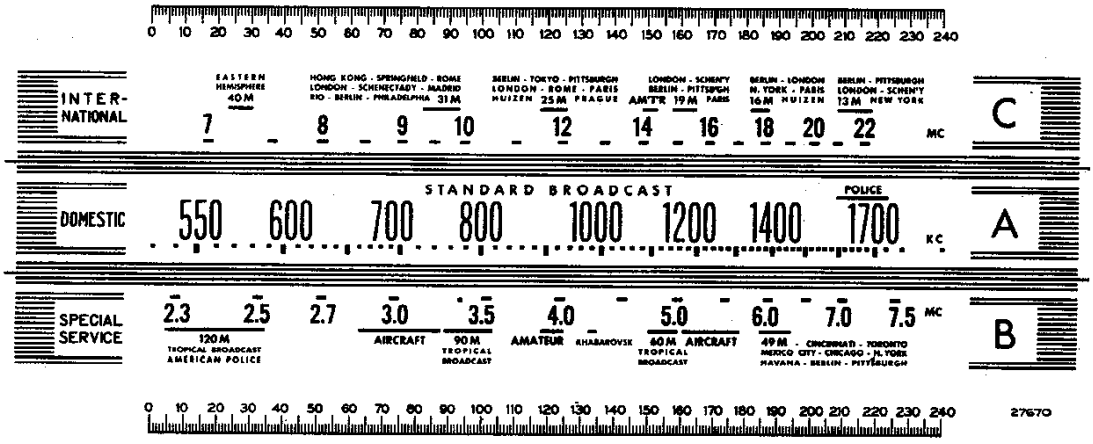


Model K-60



Model K-80

Calibration Scale



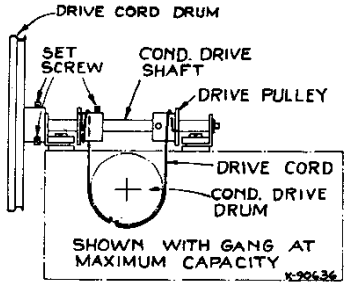
Receiver Dial Scales, and Corresponding 0-240° Calibration Scales

The corresponding position of the dial indicator for any setting of the calibration scale can be determined by drawing a line from this point on the bottom calibration scale to the same point on the top calibration scale. For example 39.75° on the calibration scale corresponds to 600 kc on "A" band. Read instructions under "Alignment Procedure."

MODEL K105
Drive Cord Data

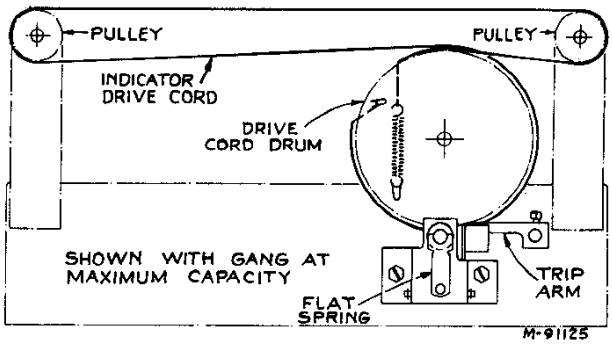
RCA MFG. CO., INC.

MODEL K60, Chassis RC415
MODEL K80, Chassis RC415A
Dial Data, Parts List

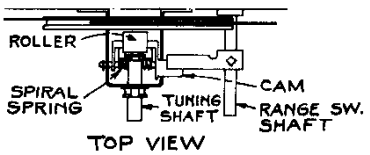


CONDENSER DRIVE CORD ARRANGEMENT

Note: In the Dial Indicator Drive Cord Assembly drawing at the right the mechanism is shown with the range switch in the "A" band position. In this position the trip arm on the range switch shaft must be adjusted so that when push-buttons are operated, the drive cord drum will turn freely without rubbing or binding against the drive roller.



DIAL INDICATOR DRIVE CORD ASSEMBLY.



TOP VIEW

STOCK No.	DESCRIPTION	Unit List Price
	CHASSIS ASSEMBLIES (RC-415A)	
33620	Arm—Push arm and cam assembly on tuning unit—less lock screw	.35
33432	Arm—Trip arm and set screw located on range switch shaft	.15
33430	Board—Antenna and ground terminal board	.20
30766	Cap—Rubber cap for Magic Eye—Model K80 only	.15
12714	Capacitor—Air-trimmer, 2-12 mmfd. (C10)	.50
33429	Capacitor—Trimmer capacitor bank, 2 sections 4-50 mmfd., and 3 sections 2-20 mmfd. (C3, C5, C6, C9, C11)	.80
31871	Capacitor—20 mmfd. (C2)	.40
12723	Capacitor—56 mmfd. (C12)	.35
30904	Capacitor—100 mmfd. (C19, C20)	.25
12404	Capacitor—120 mmfd. (C21, C22)	.30
14712	Capacitor—180 mmfd. (C23)	.30
30232	Capacitor—220 mmfd. (C14)	.35
30608	Capacitor—510 mmfd. (C1)	.35
31433	Capacitor—560 mmfd. (C7)	.35
12537	Capacitor—560 mmfd. (C32)	.35
31403	Capacitor—3,300 mmfd. (C8)	.60
31405	Capacitor—6,000 mmfd. (C13)	.75
5107	Capacitor—.0025 mfd. (C25)	.20
4838	Capacitor—.005 mfd. (C24, C26, C29, C33, C35)*	.25
4937	Capacitor—.01 mfd. (C28)	.25
32787	Capacitor—.05 mfd., 400 V. (C17, C34)[a]	.20
32786	Capacitor—0.1 mfd. (C18)	.25
33014	Capacitor—Electrolytic, 3 sections 10 mfd., one section 20 mfd. (C16, C27, C30, C31)	1.90
32821	Coil—Antenna coil (L1, L2, L3, L4)	1.35
32824	Coil—Oscillator coil (L5, L6, L7)	1.00
33424	Control—Tone control (S3, S4)	1.15
33425	Control—Volume control and power switch (R6, S5)	2.00
32635	Cord—Condenser drive cord	.24
32634	Cord—Drive cord	.10
32713	Core—Adjustable core and stud for oscillator coil	.35
33627	Drum—Condenser drive drum	.25
33174	Drum—Drive cord drum with set screws and calibrator dial	.65
11891	Lamp—Dial lamp	.17
33625	Plate—Front guide plate for push arms	.25
5040	Plug—4-contact female for speaker cable	.30
33427	Pulley—Drive cord pulley and mounting bracket	.30
33626	Pulley—Drive pulley—less bronze drive cord	.25
14439	Resistor—100 ohms, ½ watt (R12)	.20
30735	Resistor—560 ohms, 1 watt (R8)	.22
13714	Resistor—5,600 ohms, ½ watt (R11)	.20
12265	Resistor—6,800 ohms, ½ watt (R17)	.20
33489	Resistor—15,000 ohms, 2.5 watt (R3)	.55
14284	Resistor—22,000 ohms, 1/10 watt (R5)	.15
12454	Resistor—33,000 ohms, ½ watt (R2)	.20
12285	Resistor—470,000 ohms, ½ watt (R9, R10, R14,* R16*)	.20
12013	Resistor—1 meg., 1/10 watt (R13)*	.15

STOCK No.	DESCRIPTION	Unit List Price
13730	Resistor—1 meg., ½ watt (R1)	.20
12679	Resistor—2.2 meg., ½ watt (R4)*	.20
13601	Resistor—10 meg., ½ watt (R7, R15)*	.20
30340	Retainer—Retainer for shaft of tuning shaft cam and arm	.02
33419	Roller—Friction roller for tuning knob shaft	.10
4669	Screw—No. 8-32 square head set screw for drum	.03
33621	Screw—Push arm lock screw	.05
33624	Shaft—Tuning condenser drive shaft and washer	.15
33422	Shaft—Tuning shaft—less friction roller	.20
31364	Socket—Dial lamp socket	.20
13871	Socket—Magic Eye tube socket*	.45
14278	Socket—Phonograph or Television input socket	.25
31319	Socket—Tube socket	.25
33175	Spring—Drive cord tension spring	.05
33623	Spring—Drive drum cord spring	.04
33622	Spring—Push arm return spring	.08
33421	Spring—Tuning shaft flat spring	.10
33420	Spring—Tuning shaft cam spiral spring	.06
33426	Switch—Range switch (S1, S2)	1.10
33428	Transformer—First i-f transformer (L9, L10, C19, C20)	1.95
14308	Transformer—Second i-f transformer (L11, L12, C21, C22, C23, R5)	2.90
33618	Transformer—Power transformer—105-120 volts, 25 cycle (T1)	6.40
33112	Transformer—Power transformer—105-120 volts, 50-60 cycle (T1)	4.30
	SPEAKER ASSEMBLIES (RL-70J1)	
31825	Cap—Cone center dust cap	.05
11469	Coil—Hum neutralizing coil (L13)	.30
33116	Coil—Speaker field coil (L15)	2.10
31275	Cone—Speaker cone, voice coil, and dust cap (L14)	1.75
5039	Plug—4-prong male, for speaker*	.30
33444	Transformer—Output transformer (T2)*	2.00
	MISCELLANEOUS ASSEMBLIES	
33473	Button—Push button	.10
30716	Clip—Magic Eye clip	.25
33437	Dial—Dial scale (glass)	1.10
33439	Escutcheon—Dial escutcheon—less push buttons	2.20
33435	Frame—Dial scale holder, mounting brackets, pointer, and Magic Eye bracket and clip assembled—less dial*	2.50
33383	Indicator—Dial pointer, carriage, and clip	.40
33434	Knob—Volume control, tone control, range switch, or station selector knob	.30
33431	Link—Link for "Antenna-Ground" terminal board	.02
33842	Marker—Station selectors call letter markers	.25
33438	Screw—Thumb screw for Magic Eye clip*	.05
34143	Shaft—Pointer carriage slide rod	.15
14270	Spring—Retaining spring for knob	.05

[a] C18 in Model K80

ALL PRICES ARE SUBJECT TO CHANGE OR WITHDRAWAL WITHOUT NOTICE. *IN MODEL K80 ONLY

NOTE: Above Parts List applies to both Model K-60 and K-80 except for items noted. Items on the right apply only to Model K-60.

4839	Capacitor—0.1 mfd. (C18)	.30
32240	Capacitor—Electrolytic, 2 sections 10 mfd., one section 20 mfd. (C27, C30, C31)	1.45
5119	Plug—3-contact female for speaker cable	.25
31388	Resistor—390 ohms, 1 watt (R8)	.22
30146	Resistor—4,700 ohms, ½ watt (R11)	.20
	SPEAKER ASSEMBLIES (RL-70H6)	
5118	Plug—3-contact male, for speaker	.25
31301	Transformer—Output transformer (T2)	1.70
33436	Frame—Dial scale holder, mounting brackets, and pointer, assembled—less dial	2.35

MODELS K60,K62,Ch.RC415B
MODELS K80,K81,K82,
Chassis RC415C,RC415D
Alignment,Parts

RCA MFG. CO., INC.

Replacement Parts

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

STOCK No.	DESCRIPTION	Unit List Price
	CHASSIS ASSEMBLIES	
33620	Arm—Push arm and cam assembly on tuning unit —less lock screw	.35
33432	Arm—Trip arm and set screw located on range switch shaft	.15
34574	Board—"Ant.-Grd." terminal board	.20
12581	Cap—i-f transformer shield cap	.25
30766	Cap—Rubber cap for Magic Eye—Models K-80, K-81	.15
34573	Capacitor—Trimmer, 2 sections 2-10 mmfd. each	.35
34572	Capacitor—Trimmer, 2 sections 4-50 mmfd. each	.35
12714	Capacitor—Air-trimmer, 2-12 mmfd. (C10)	.50
14079	Capacitor—6.8 mmfd. (C3)	.35
34580	Capacitor—39 mmfd. (C2)	XX
12723	Capacitor—56 mmfd. (C12)	.35
30949	Capacitor—56 mmfd. (C21, C22)	.25
30904	Capacitor—100 mmfd. (C19, C20)	.25
30232	Capacitor—220 mmfd. (C14)	.35
30433	Capacitor—470 mmfd. (C1)	.35
34581	Capacitor—650 mmfd. (C7)	.40
30057	Capacitor—2,700 mmfd. (C8)	.55
31399	Capacitor—4,700 mmfd. (C18)	.55
5107	Capacitor—.0035 mfd. (C26)	.20
33584	Capacitor—.005 mfd. (C18—Model K-60 only), (C35 — Models K-80, K-81), (C37 — All Models)	.25
4838	Capacitor—.006 mfd. (C24, C26, C29)	.25
4937	Capacitor—.01 mfd. (C18—Models K-80, K-81), (C28—All Models)	.25
32787	Capacitor—.05 mfd. (C34—Models K-80, K-81), (C17—All Models)	.20
4839	Capacitor—0.1 mfd. (C16) (Model K-60 only)	.30
32786	Capacitor—0.1 mfd.	.25
32240	Capacitor—Electrolytic, 2 sections 10 mfd., one section 20 mfd. (C27, C30, C31) (Model K-60 only)	1.45
33014	Capacitor—Electrolytic, 3 sections 10 mfd., one section 20 mfd. (C15, C27, C30, C31) (K-80, K-81)	1.80
34579	Coil—Oscillator coil	.80
34578	Control—Tone control	1.35
34695	Control—Volume control and power switch	XX
32635	Cord—Condenser drive cord	.24
32634	Cord—Drive cord	.10
32713	Core—Adjusting core and stud for oscillator coil	.35
33627	Drum—Condenser drive drum	.25
33174	Drum—Drive cord drum with set screws and calibrator dial	.65
11891	Lamp—Dial lamp	.17
33625	Plate—Front guide plate for push arms	.25
5119	Plug—3-contact female for speaker cable (Model K-80-A only)	.25
5040	Plug—4-contact female for speaker cable (Models K-80, K-81)	.30
33427	Pulley—Drive cord pulley and mounting bracket	.30
33626	Pulley—Drive pulley—less bronze drive cord	.25
31388	Resistor—390 ohms, 1 watt (R8) (Model K-60 only)	.22
30735	Resistor—560 ohms, 1 watt (R9) (Models K-80, K-81)	.22
14024	Resistor—2,700 ohms, ½ watt (R11, R15) (Models K-80, K-81)	.20
12695	Resistor—15,000 ohms, ½ watt (R17) (Models K-80, K-81)	.20
33489	Resistor—15,000 ohms, 2.5 watt (R3)	.55
12454	Resistor—33,000 ohms, ½ watt (R2)	.20
5132	Resistor—47,000 ohms, 1/10 watt	.15
12412	Resistor—47,000 ohms, ½ watt (R11) (Model K-60 only)	.20
12286	Resistor—56,000 ohms, ½ watt (R11) (Models K-80, K-81)	.20
12286	Resistor—470,000 ohms, ½ watt	.20
12013	Resistor—1 meg., 1/10 watt (R13) (Models K-80, K-81)	.15
12679	Resistor—2.2 meg., ½ watt (R4)	.20
33271	Resistor—4.7 meg., ½ watt (R1)	.20
12601	Resistor—10 meg., ½ watt (R7)	.20
30340	Retainer—Retainer for shaft of tuning shaft cam and arm	.02
33419	Roller—Friction roller for tuning knob shaft	.10
4689	Screw—No. 8-32 square head set screw for drum	.03
33621	Screw—Push arm lock screw	.05
33624	Shaft—Tuning condenser drive shaft and washer	.15
33422	Shaft—Tuning shaft—less friction roller	.20
34575	Socket—3-contact female, for loop input	.20
31364	Socket—Dial lamp socket	.20
13871	Socket—Magic Eye tube socket (Models K-80, K-81)	.45
14278	Socket—Phonograph or Television input socket	.25
31319	Socket—Tube socket	.25
33175	Spring—Drive cord tension spring	.05
33623	Spring—Drive drum cord spring	.04
33622	Spring—Push arm return spring	.08
33421	Spring—Tuning shaft flat spring	.10
33420	Spring—Tuning shaft cam spiral spring	.06
34577	Switch—Range switch	1.55
14376	Transformer—First i-f transformer	2.45
32825	Transformer—Second i-f transformer	2.50
33618	Transformer—Power transformer—105-120 volts, 25-60 cycle (T1)	6.40
33112	Transformer—Power transformer—105-120 volts, 50-60 cycle (T1)	4.30
	SPEAKER ASSEMBLIES (K-60) (RL-70H8)	
31825	Cap—Cone center dust cap	.02
11469	Coil—Hum neutralising coil	.30
33118	Coil—Speaker field coil	2.10
31275	Cone—Speaker cone, voice coil and dust cap	1.75
5118	Plug—3-contact male, for speaker	.25
31301	Transformer—Output transformer (T2)	1.70
	SPEAKER ASSEMBLIES (K-80, K-81, K-80-X) (RL-70J1)	
31825	Cap—Cone center dust cap	.02
11469	Coil—Hum neutralizing coil	.30
33118	Coil—Speaker field coil	2.10
31275	Cone—Speaker cone, voice coil and dust cap	1.75
5039	Plug—4 prong male, for speaker	.30
33444	Transformer—Output transformer (T2)	2.00
	MISCELLANEOUS ASSEMBLIES	
33474	Button—Push button (K-60, K-80)	.10
34994	Button—Push button (K-81)	XX
34992	Cap—Spindle cap for antenna loop (K-81)	XX
30716	Clip—Magic Eye clip (K-60, K-80)	.25
34582	Dial—Dial scale (glass) (K-60, K-80)	1.25
34997	Dial—Dial scale (glass) (K-81)	
33439	Escutcheon—Dial escutcheon—less push buttons (K-60, K-80)	2.20
34993	Escutcheon—Dial scale and push button escutcheon (K-81)	XX
33438	Frame—Dial scale holder, mounting brackets, and pointer assembled—less dial	2.35
34996	Frame—Dial frame complete with brackets—*less* pointer guide rods, pointer and carriage, dial scale and Magic Eye clip (K-81)	XX
33435	Frame—Dial scale holder, mounting brackets, pointer, and Magic Eye bracket and clip assembled—less dial (K-60, K-80)	2.50
34583	Frame—Frame only for "C" band loop—less wire and plug	.30
34383	Indicator—Dial pointer, carriage, and clip	.40
34998	Knob—Tuning, tone control, range switch, volume control and power switch or antenna loop shaft knob (K-81)	XX
33434	Knob—Volume control, tone control, range switch or station selector knob (K-60, K-80)	.30
34988	Loop—"A" and "B" band loop complete for K-60	XX
34991	Loop—"A" and "B" band antenna loop complete (K-81)	XX
33842	Marker—Station selector markers	.25
34872	Pin—Complete set of dowel pins for antenna loop (K-60, K-80)	.25
34990	Plug—2-prong male plug for antenna loop—"C" band (K-81)	XX
32641	Plug—3-prong male plug for "A" and "B" band antenna loop	.10
31482	Screw—No. 8-32 square head set screw (K-81)	.03
33438	Screw—Thumb screw for Magic Eye clip (K-60, K-80)	.05
34995	Shaft—Flexible shaft for antenna loop (K-81)	XX
34491	Shaft—Pointer and carriage guide rods (K-81)	.15
14270	Spring—Retaining spring for knob	.05

ALL PRICES ARE SUBJECT TO CHANGE OR WITHDRAWAL WITHOUT NOTICE.

XX Price upon application to your RCA Victor Parts Distributor.

Calibration Scale on Indicator-Drive-Cord-Drum.—The tuning dial is fastened in the cabinet and cannot be used for reference when the chassis is removed; therefore, a calibration scale is attached to the tuning drum. The setting of the gang condenser is read on this scale, which is calibrated in degrees.

As the first step in r-f alignment, check the position of the drum. The 180° mark on the drum scale must be vertical and directly under the center of the shaft of the tuning drum when the plates are fully meshed. The drum is held to the shaft by means of two set-screws, which must be tightened securely when the drum is in the correct position.

On the inner side of the tuning drum are two projections which serve as stops to prevent extreme rotation of the gang condenser. The tuning drum should be set so that the stop limiting clockwise movement of the drum takes effect just as the gang condenser plates are becoming fully meshed, thus preventing stress on the gang due to extreme rotation.

Pointer for Calibration Scale.—Improvise a pointer for the calibration scale by fastening a piece of wire to the chassis, and bend the wire so that it points to the 0° mark on the calibration scale when the plates are fully meshed.

Steps	Connect test-osc. output to—	Tune test-osc. to—	Turn radio dial to	Adjust the following for maximum peak output
1	1st-det. grid, in series with .01 mfd.	455 kc	"C" band quiet point	L6 and L7 (2nd I-F trans.) L4 and L5 (1st I-F trans.)
2		15 mc	19.5° "C" band	C6 (osc.)*
3		2.44 mc	115° "B" band	C9 (osc.)
4	Fasten chassis in cabinet, see that link is closed on the antenna board, attach dial indicator to drive cord, with indicator at 530 kc mark and gang at maximum capacity.			
5	Radiation loop consisting of two turns of wire 18 inches in diameter located 6 to 8 feet from receiver	15 mc	15 mc signal "C" band	C11 Rock gang
6		6.0 mc	6.0 mc signal "C" band	"C" loop leads**
7		Repeat step 5		
8		600 kc	600 kc "A" band	L3 (osc.) Rock gang
9		1,500 kc	1,500 kc "A" band	C10 (osc.) C36 (loop)
10	Repeat steps 8 and 9			
11		2.44 mc	2.44 kc "B" band	C9 (osc.) Rock gang

* Use minimum capacity peak if two peaks can be obtained.
** Adjust spacing between two leads from "C" band loop.
NOTE: Oscillator tracks above signal on all bands.

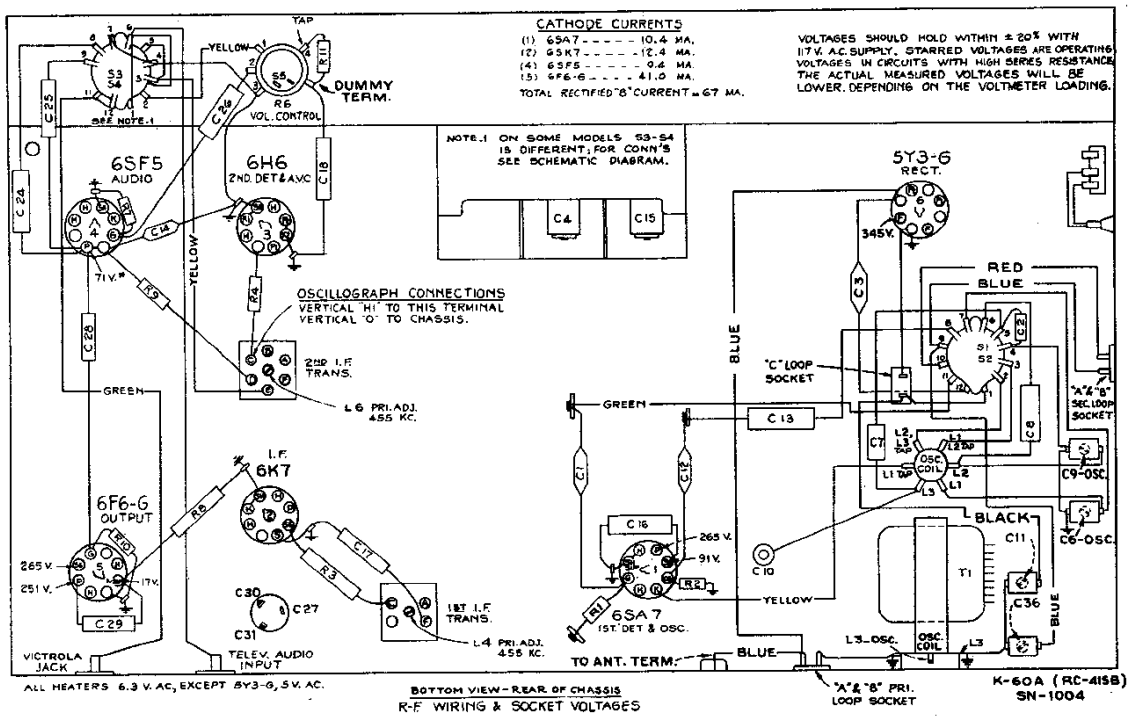
The push-buttons should be adjusted for eight favorite stations after the receiver is operating, and has had a brief warm-up period.

Any standard broadcast stations may be chosen. The preferable arrangement is to adjust for stations in the order of frequency, from low to high. Proceed as follows:

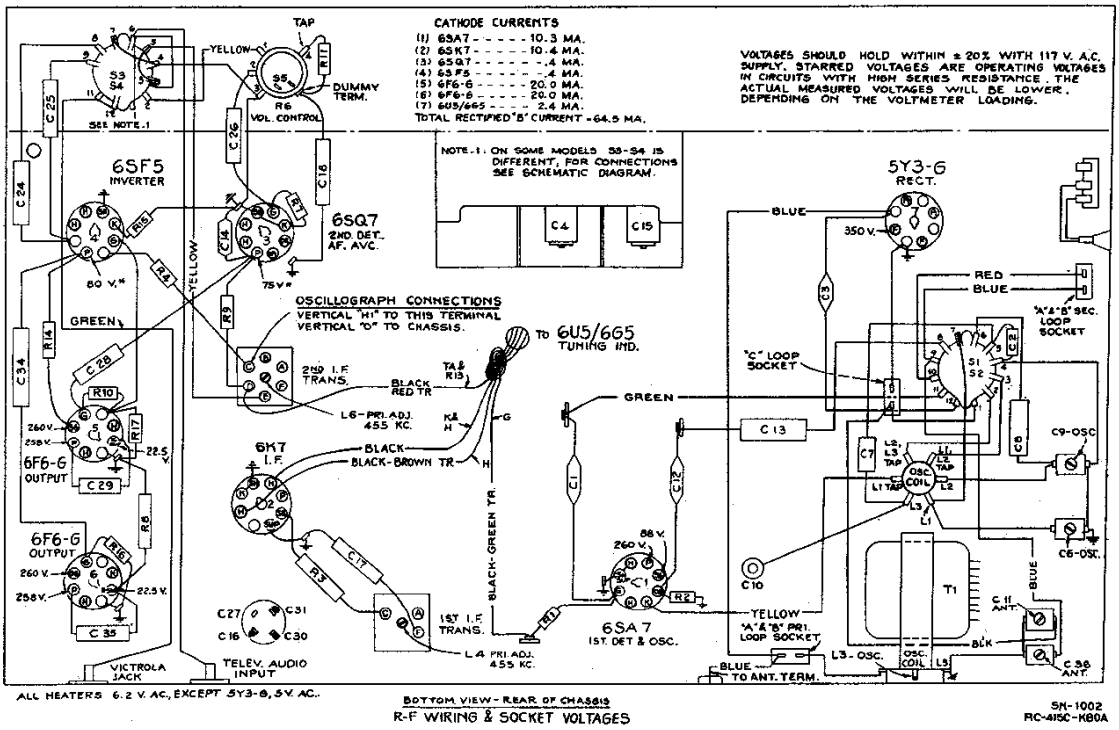
1. Loosen the push-button screws in back of the station-marker recesses.
2. Set Accessory-Tone Knob to "Radio" and turn the range selector to "A."
3. Press in the tuning knob and accurately tune in the first station.
4. With station accurately tuned in, press in the first push-button and tighten the screw.
5. Place the station marker tab in the recess.
6. Proceed in a similar manner to adjust the remainder of the push-buttons.

MODELS K60,K62,Ch.RC415B
MODELS K80,Ch.RC415C,RC415D
K81,K82,Chassis RC415C
Chassis Wiring,Voltage

RCA MFG. CO., INC.



Model K-60 (RC-415B)

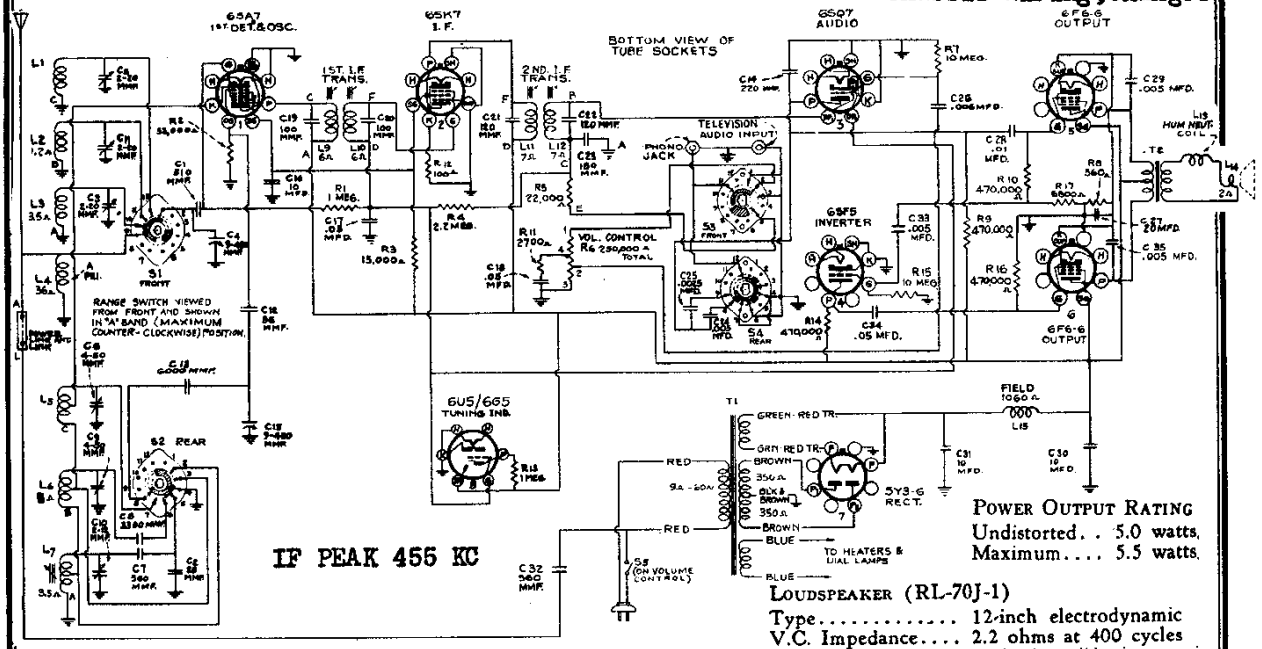


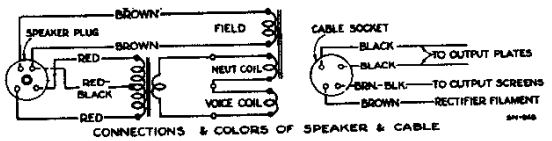
Models K-80 (RC-415C, RC-415D), and K-81 (RC-415C)

** The Tuning Indicator is not used in RC-415D*

RCA MFG. CO., INC.

MODEL K80, Ch. RC415A
Schematic, Voltage
Chassis Wiring, Changes





CONNECTIONS & COLORS OF SPEAKER & CABLE

POWER OUTPUT RATING

Undistorted . . 5.0 watts.
Maximum . . . . 5.5 watts.

LOUDSPEAKER (RL-70J-1)

Type . . . . . 12-inch electrodynamic
V.C. Impedance . . . . 2.2 ohms at 400 cycles

Note: On some receivers the following circuit modifications are in effect:

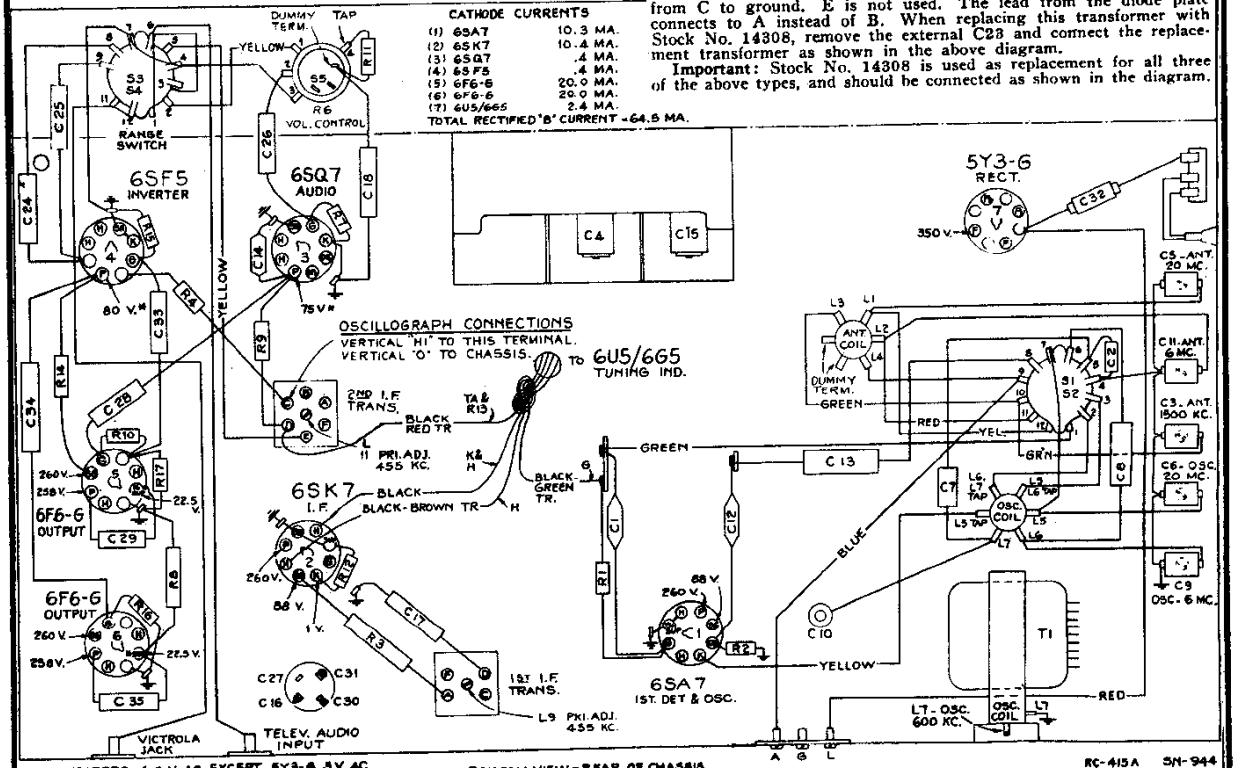
1. R11 is 5,600 ohms, and C18 is 0.1 mfd.
2. C1 is 470 mmfd.; R15 is 2,700 ohms and is connected from cathode of 6SF5 Inverter to ground; R17 is 15,000 ohms; and C33 is omitted.
3. There are three types of 2nd I-F transformers in use.
   a. The first type (Stock No. 14308) has C23 and R5 mounted inside the case, and is connected exactly as shown above.
   b. In the second type R5 is omitted and the lead from S4 connects to C instead of E. E is not used.
   c. In the third type R5 is omitted and C23 is connected externally from C to ground. E is not used. The lead from the diode plate connects to A instead of B. When replacing this transformer with Stock No. 14308, remove the external C23 and connect the replacement transformer as shown in the above diagram.

Important: Stock No. 14308 is used as replacement for all three of the above types, and should be connected as shown in the diagram.

CATHODE CURRENTS

(1)	6SA7	10.3 MA.
(2)	6SK7	10.4 MA.
(3)	6SQ7	.4 MA.
(4)	6SF5	.4 MA.
(5)	6F6-G	20.0 MA.
(6)	6F6-G	20.0 MA.
(7)	6U5/6G5	2.4 MA.

TOTAL RECTIFIED 'B' CURRENT = 64.5 MA.



ALL HEATERS 6.2 V. AC, EXCEPT 5Y3-G, 5 V. AC.

BOTTOM VIEW - REAR OF CHASSIS

R-F WIRING & SOCKET VOLTAGES

RC-415A SN-944

MODELS K80,Ch.RC415C,RC415D
K81,K82,Ch.RC415C
Schematic,Socket,Trimmers

RCA MFG. CO., INC.