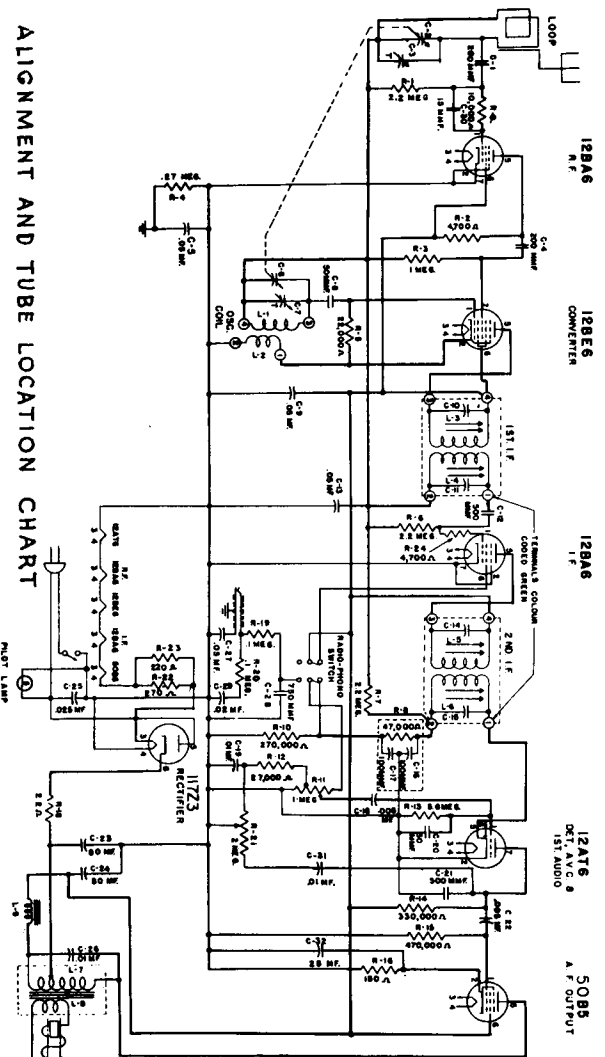
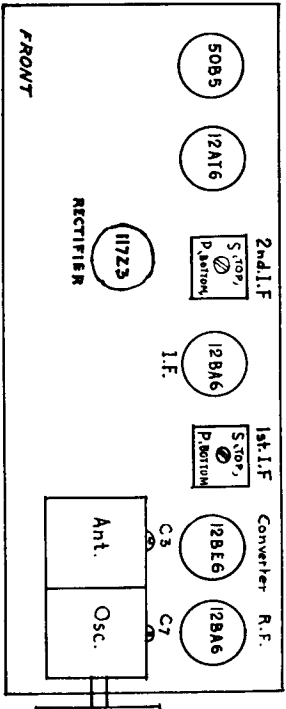


WHEN DRIVE PULLEY AND POINTER ARE IN POSITION, SHOWING GANG CONDENSER IS IN CLOSED POSITION.
SEE PARTS LIST ON PAGE 90



ALIGNMENT AND TUBE LOCATION CHART



VOLTAGE CHART FOR MODEL 2061

SOCKET	FUNCTION	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7	PIN 8
12BA6	R.F. Amplifier	-9	0	(13.)	(24)	50	100	0	—
12BE6	Converter	-8.	0	(24.)	(36)	100	100	-7	—
12BA6	I.F. Amplifier	-7	0	(36)	(49)	100	100	0	—
12AT6	Demod. A.V.C. 1st. Audio	-7	0	(13)	0	-7	-7	44	—
50B5	Power Output	0	5.8	(49)	(100)	100	100	0	—
11Z23	Rectifier	—	103	0	(117)	(117)	103	0	—

ALIGNMENT PROCEDURE 2061

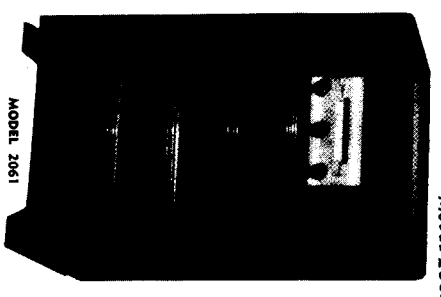
Band and Pointer Setting	Generator Setting	Input and Dummy	Meter Connections	Trimmer Adjustments and Notes
I.F. ALIGNMENT				
Lower end of band. 455 KC.	Signal generator ground lead to B terminal of 11Z23. 100 ohm resistor to No. 1 pin 12BA6 I.F. capacitor to No. 1 pin 12BA6 I.F. socket.	Output meter across voice coil.	Output meter across voice coil.	Adjust the iron core (top and bottom) of the 11Z23 rectifier. Signal should be approx. 5,000 vts.
Upper end of band. 455 KC.	Leave signal generator ground to B terminal of 11Z23. 100 ohm resistor to No. 7 pin 12BE6 socket.	Output meter across voice coil.	Output meter across voice coil.	Adjust the iron core, top and bottom, of the 12BE6 converter. Signal should be approx. 300 vts. Return to 2nd I.F. transformer and adjust the primary to give maximum signal input. Signal should be approx. 300 vts. or better and correct tracking.
R.F. ALIGNMENT				
With gang capacitor fully meshed adjust pointer to coincide with "set up" point at the top left-hand edge of the dial frame.	Extrema High, 1650 KC. Maximum loop or equivalent.	Output meter across voice coil.	Output meter across voice coil.	Adjust the antenna trimmer capacitor for correct tracking and maximum sensitivity. It will be necessary to "back" the gang while the antenna trimmer is being adjusted.
1400 KC.	1400 KC. Maximum loop or equivalent.	Output meter across voice coil.	Output meter across voice coil.	Re-check sensitivity at 1600 kc. and 600 kc.

SPECIFICATIONS

- Voltage Rating 105-125 Volts A.C.
- Type of Circuit Superheterodyne
- Tuning Range 540 Kc.-1640 Kc.
- Input Power Rating 40 watts at 117 line volts
- Intermediate Frequency 455 Kc.
- Speaker Voice Coil Impedance (P.M.) 6-8 ohms, 400 cycles
- Power Output Maximum 2.0 watts, 10% distortion 1.2 watts

IDENTIFICATION TABLE

Model	Chassis	Cabinet	Speaker	Phone Equip.
W 02743	02735	48995	148975	— 25 cycle or
M 02743	02820	48995	148976	— 60 cycle



MODEL - 2061 STROMBERG-CARLSON

VOLUME AND TONE CONTROLS

Circuit Designation	Value	Mfrs. No.	JRC No.	AROYOX No.
R11	1 Meg.	145976	13-137X Sw. No. 21	13-139
R21	2 Meg.	145978		
CAPACITORS				
C1, C4	200 mfd., ceramic	01681		1466
C2, C6	Tuning Gang	110190		
C5	.05 600V pp.	29891C		684
C8, C20	50 mfd., ceramic	01682		1466
C9, C13, C27	.05 400V pp.	24994C		484
C12, C21	500 mfd., ceramic	01686		1466
C16, C17, R8	Filter Assy.	110478		
C18, C22, C31	.005 600V pp.	277605		684
C19, C28, C31	.01 mfd., pp.	254855		684
C23, C24	50-80 mfd., pp.	111980		684
C25	.025 600V pp.	110992		684
C28	750 mfd., ceramic	110992		684
C29	.02 600V pp.	25484C		684
C30	15 mfd., ceramic	01685		1466
C32	25 mfd., 25V	01440		PR1 25
MISCELLANEOUS				
I1, I2	05c. Coil	114247		
I3, I4	18V. I.F. Trans.	114364		
I5, I6	2nd. I.F. Trans.	114377		
I7, I8	2nd. I.F. Trans.	114385		
I9, I10	Output Trans.	101180		Special
I11	Filter Choke	101180		
I12	Loop	139794		
I13	Speaker 8" PM	489985		P8V

MODEL - 94501

VOLUME AND TONE CONTROLS

Circuit Designation	Value	Mfrs. No.	JRC No.	AROYOX No.
R14	1 Meg.	3-5869	13-137 Sw. No. 21	
R15	500K	3-5284		13-133X
CAPACITORS				
C1, C2, C5, C6	Tuning Gang	3-5383		1468
C3, C24	220 mfd.	3-4821		1468
C4, C11, C25	.05 200V pp.	3-5384		1468
C6A	8 mfd.			5%
C7	.1 400V pp.			10%
C12, C15, C21	.01 200V pp.			684
C13	.005 200V pp.			10%
C8	Capacitor	3-4523		684
C14	.1 400V pp.			10%
C16, C17	Capacitor	3-4614		484
C23	.003 200V pp.			684
C28, C29	.005 600V pp.			10%
C22	.015 200V pp.			10%
C26, C27	.01 400V pp.			684
C30, C31	50-80 mfd.			PR1150
C32	.035 400V pp.			10%
C20	10 mfd.			1468
MISCELLANEOUS				
L1, L2	Loop Assy.	3-5282		
L3, L4	05c. Coil	3-5283		
L5, L6	1st. I.F. Trans.	3-4487		
L7, L8	2nd. I.F. Trans.	3-4662		
L9, L10	Output Trans.	3-5285		2420
L11	Speaker 8" PM			P8V
L12	Cone and v.c.	3-4748		
L13	Selenium Rect.	3-5388		

MODEL - BT504

VOLUME CONTROL

Circuit Designation	Value	Mfrs. No.	JRC No.	AROYOX No.
R8	1 Meg.	3-5562	13-137 Sw. No. 22	
CAPACITORS				
C2, C3, C9	Trimmers	3-5561		
C4, C6, C12, C13	Tuning Gang	3-5367		20%
C5	100 mfd., ceramic	75152		1468
C7	56 mfd., ceramic	71924		1468
C8	120 mfd., mica	12724		5%
C9	390 mfd., mica	3-5419		1468
C10	390 mfd., mica	3-5258		5%
C11	.003 200V pp.			684
C16, C29	.05 200V pp.			484
C18	4 mfd., ceramic	3-5128		1468
C22, C23, C24, C25	Half-section			
C26	.005 400V pp	3-5560		684
C27	10 mfd., 130V	3-3221		PR130
C28				
MISCELLANEOUS				
L1, L2, L3	Ant. Coil	3-5368		
L4, L5, L6	05c. Coil	3-5369		
L7, L8	18V. I.F. Trans.	75129		
L9, L10	2nd. I.F. Trans.	73150		2410
L11	Output Trans.	3-5373		P4V or P5V
L12	Speaker 4.5" PM	3-5355		
L13	Cone and v.c.			

MODEL - 535D, 533F

VOLUME CONTROL

Circuit Designation	Value	Mfrs. No.	JRC No.	AROYOX No.
R9	2 meg.	3-6015	13-139X Sw. No. 21	
CAPACITORS				
C1, C21	.01 mfd., pp.	3-4450		684
C2, C5	Trimmers	3-4451		
C4, C3, C6	Trimmers	3-4451		
C7, C10, C15	Tuning Gang	3-6010		1467
C8	3300 mfd., mica	3-4441		1466
C9	560 mfd., mica	3-4440		1466
C11, C16	.056 mfd., pp.	3-4439		1466
C12, C22	220 mfd., mica	3-4433		1466
C13, C15	Capacitor 39 mfd.	3-4433		1467
C14	600 mfd., mica	3-4442		1467
C17	.047 mfd., pp.			1466
C18	150 mfd., ceramic			684
C19, C23, C24	.0647 mfd., pp.			684
C20	.022 mfd., pp.			684
C23A, B, C	80-40-20 mfd.	3-4452		PR130, PR1 25
C26	.027 mfd., pp.			684
C27	.035 mfd., pp.			684
MISCELLANEOUS				
L1, L2, L3, L4	Ant. Coil	3-5539 (533F)		
L1, L2	Ant. Coil	3-5241 (533D)		
L3, L5, L6, L7	05c. Coil	3-5240 (533F)		
L8, L11	Peakling Coil	3-4457		
L1	1st. I.F. Trans.	3-4487		
L2	2nd. I.F. Trans.	3-4488		
L3	Speaker 6" PM	3-5044		P8V
L4	Cone and v.c.	3-5046		
L5	Loop and Back	3-5022		
L6	Loop and Back	3-5245 (533D)		Special

MODEL - 455

VOLUME CONTROL

Circuit Designation	Value	Mfrs. No.	JRC No.	AROYOX No.
R3	1 Meg.	38406	13-137 Sw. No. 21	
CAPACITORS				
C3	.01 200V pp.			684
C4	.0047 400V pp.			684
C5A, B	50-80 mfd.			PR1150
C6	.018 200V pp.	3-6092		684
C7	.1 400V pp.			484
C8	.047 400V pp.			484
MISCELLANEOUS				
T1	Speaker 4" PM	3-5829		P4V
	Output Trans.	3-5035		2410
	Cone and v.c.	3-5575		

MODEL - 45-RT-3

VOLUME CONTROL

Circuit Designation	Value	Mfrs. No.	JRC No.	AROYOX No.
R1	1 Meg.	3-4894	13-137X	
CAPACITORS				
C1	.0047 400V pp.			684
C2, C4, C6	.01 400V pp.			684
C3	.1 400V pp.			484
C5A, B	50-80 mfd.			PR1150
MISCELLANEOUS				
	Speaker 4 1/2" PM	3-3502		P46V
	Cone and v.c.	3-4206		
	Output Trans.	3-5729		Special
	Selenium Rect.	75940		
	Motor 117V	75760		
	Motor 85V	75937		

IRC FILLED RESISTORS

Wire Wound:	Type
1/2 watt	BM-1/2
.47 watt	BM-1
1 watt	BM-2
2 watt	BT-2

For replacing resistors rated from 5 to 10 watts IRC type AB is recommended. Their resistance values range from 1 to 50,000 ohms. Note however that above 25,000 ohms type AB should not be called upon to dissipate more than 5 watts. Type DC is recommended in this case.