

REFER TO PAGE 20 FOR ALTERNATE CIRCUITRY USED IN SOME VERSIONS

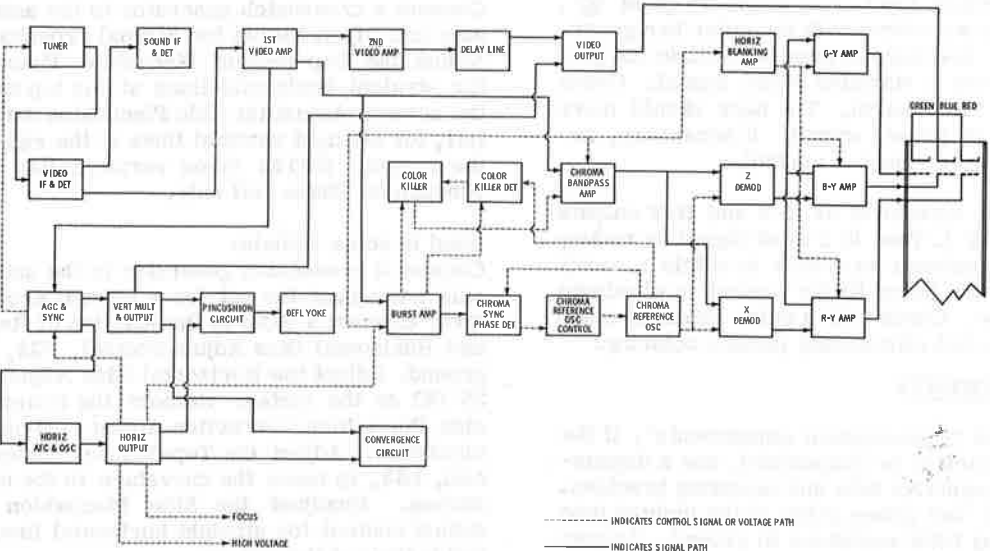




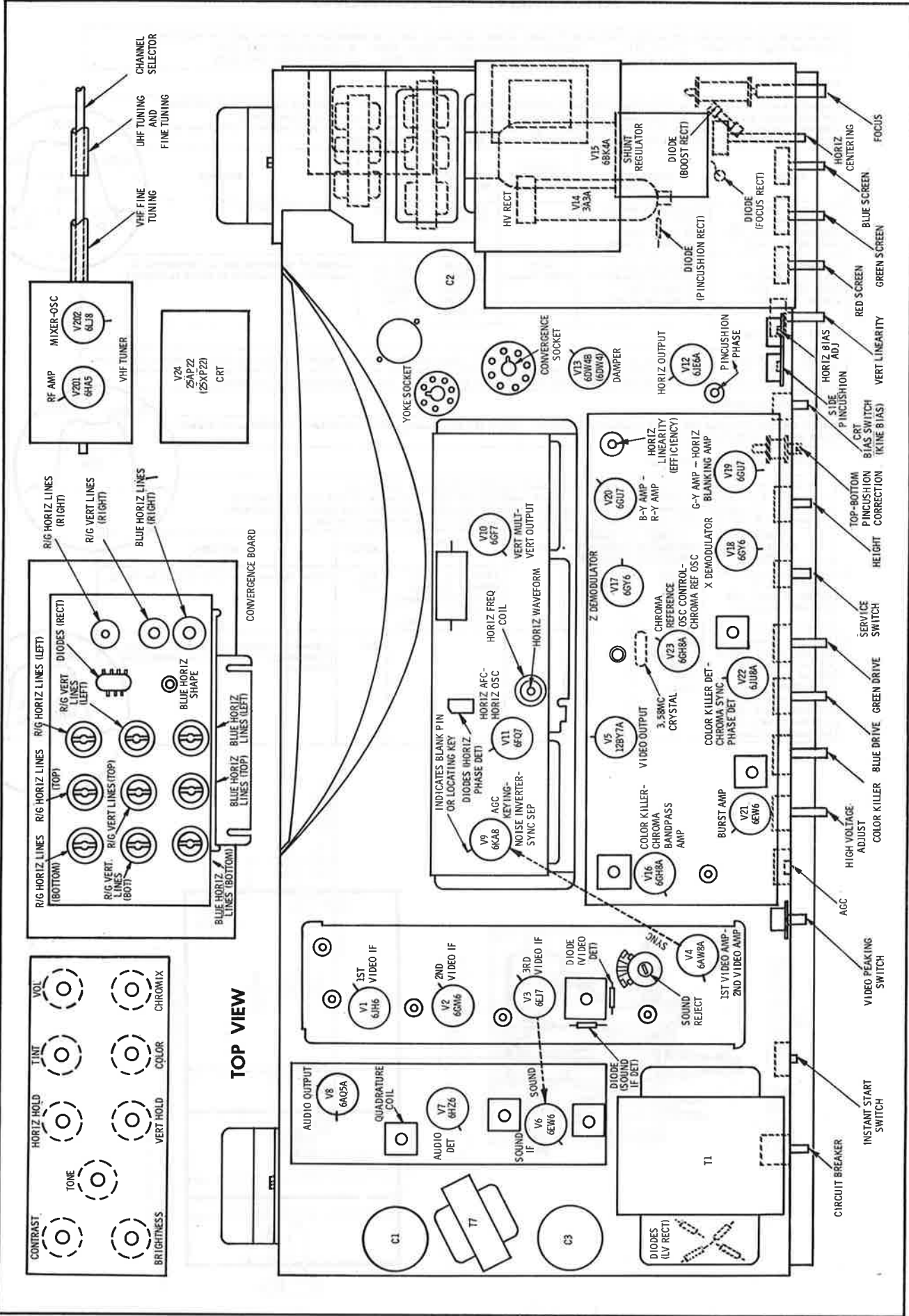
RESISTANCE MEASUREMENTS

ITEM	TUBE	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7	PIN 8	PIN 9	PIN 10	PIN 11	PIN 12	TOP CAP
V1	6JH6	1meg	47Ω	FIL	FIL	540Ω ▲	540Ω ▲	0Ω						
V2	6GM6	82K	1NF	FIL	FIL	5200Ω †	5200Ω †	68Ω ▲						
V3	6EJ7	180Ω	0Ω	180Ω	FIL	FIL	0Ω	3100Ω †	3100Ω †	0Ω				
V4	6AW8A	0Ω	21K	2800Ω †	FIL	FIL	22Ω	1400Ω ●	32K †	9200Ω †				
V5	12BY7A	460Ω	500K	0Ω	FIL	FIL	FIL	7000Ω †	23K †	0Ω				
V6	6EW6	470Ω	270Ω	FIL	FIL	11.5K †	11.5K †	0Ω						
V7	6HZ6	5.5Ω	560Ω	FIL	FIL	560K †	6600Ω †	470K						
V8	6AQ5A	250K	270Ω	FIL	FIL	5000Ω †	2600Ω †	NC						
V9	6KA8	65K †	4meg	1300Ω	FIL	FIL	55K	470K	30K †	1.5meg				
V10	6GF7	0Ω	2.8meg	2200Ω	FIL	FIL	1500Ω †	NC	3.2meg	490K				
V11	6FQ7	19K	700K	1000Ω	FIL	FIL	64K †	230K	27Ω	0Ω				
V12	6EJ6A	13K †	2.4meg	0Ω	FIL	FIL	2.4meg	13K †	1650Ω	NC				14Ω †
V13	6DW4B	NC	23Ω †	NC	FIL	FIL	NC	23Ω †	NC	3.1meg				
V14	3A3A	PINS 1 THRU 8 HAVE INFINITE RESISTANCE												660Ω †
V15	6BK4B	1050Ω †	FIL	NC	NC	1.5meg	NC	FIL	NC					INF
V16	6GH8A	370K	220K	3600Ω †	FIL	FIL	3000Ω †	390Ω	0Ω	11meg				
V17	6GY6	170Ω	150Ω	FIL	FIL	5500Ω †	4500Ω †	2Ω						
V18	6GY6	170Ω	150Ω	FIL	FIL	5500Ω †	4500Ω †	.4Ω						
V19	6GU7	47K †	260K	390Ω	FIL	FIL	28K †	1meg	270Ω	0Ω				
V20	6GU7	26.5K †	1meg	270Ω	FIL	FIL	24K †	1meg	270Ω	0Ω				
V21	6EW6	38K	39K	FIL	FIL	1100Ω †	1450Ω †	39K						
V22	6JU8A	1meg	220Ω	1meg	FIL	FIL	0Ω	12meg	22K	12meg				
V23	6GH8	17K	47K	51K †	FIL	FIL	9500Ω †	0Ω	680Ω	INF				
V24	25AP22A	FIL	3500Ω †	125K †	1meg	560K	3500Ω †	140K †	NC	70meg	NC	4200Ω †	130K †	
											PIN 13 800K †	PIN 14 FIL		
V201	6HA5	5meg	0Ω	FIL	FIL	4500Ω †	0Ω	0Ω						
V202	6LJ8	15K	7000Ω †	0Ω	FIL	FIL	3500Ω †	18K †	0Ω	220K				
ITEM	TUBE	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7	PIN 8	PIN 9	PIN 10	PIN 11	PIN 12	TOP CAP

▲ MEASURED FROM PIN 2 OF V2    † MEASURED FROM CATHODE OF X2 & X4    ‡ MEASURED FROM PIN 9 OF V13  
■ MEASURED FROM PIN 9 OF V23    ● READING DEPENDS ON POLARITY OF METER CONNECTIONS.    NC NO CONNECTION



----- INDICATES CONTROL SIGNAL OR VOLTAGE PATH  
----- INDICATES SIGNAL PATH



SEARS SILVERTONE CHASSIS 456/528/  
529.72440 thru 455/560 thru 575, 528/529.72581

FOLDER 1

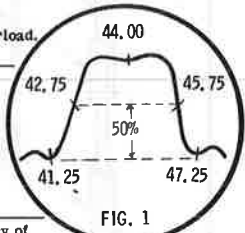
ALIGNMENT INSTRUCTIONS

Use an isolation transformer and maintain voltage at 117 volts. Allow a 20-minute warm-up period for the receiver and test equipment.  
Suggested Alignment Tools: A1 thru A14 ..... GENERAL CEMENT #8606, 8606L, 8869 .. WALSCO #2543, 2544, 2588  
Mixer Plate Coil ... GENERAL CEMENT #9296, 9297, 9300 .... WALSCO #2510, 2546, 2547

VIDEO IF ALIGNMENT

Connect the synchronized sweep voltage from the sweep generator to the horizontal input of the oscilloscope for horizontal deflection. Use only enough generator output to provide a usable indication. Note: Responses may vary slightly from those shown. Connect a variable bias supply to the IF AGC line (point ⬢) and adjust to obtain a response curve which shows no indication of overload. Disable Oscillator section of Mixer-Osc. Set the Channel Selector to any non-interfering channel.

INDICATOR	GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	ADJUST	REMARKS
1. Connect DC probe of a VTVM thru a 47K resistor to point ⬢. Common to ground.	Connect high side to ungrounded tube shield over Mixer-Osc. Low side to ground.		41.25MC 47.25MC	A1, R23 A2	Adjust for MINIMUM.
2. Connect vertical input of a scope to point ⬢. Low side to ground.	Connect high side to ungrounded tube shield over Mixer-Osc. Low side to ground.	44MC (10MC Sweep)	41.25MC 42.75MC 44.00MC 45.75MC 47.25MC	A3, A4, A5, A6, Mixer Plate Coil	Adjust for maximum gain and symmetry of response with markers as shown in Figure 1.



SOUND IF ALIGNMENT

Connect a VTVM thru a detector probe to point ⬢, low side to ground. Tune in a TV station and adjust A7, A8, and A9 for maximum deflection. Remove VTVM. Reduce the signal at the antenna terminals until distortion occurs in the sound. Adjust A10 for maximum sound. Continue to reduce the signal and adjust A10 for MINIMUM distortion and maximum sound until no further improvement can be made.

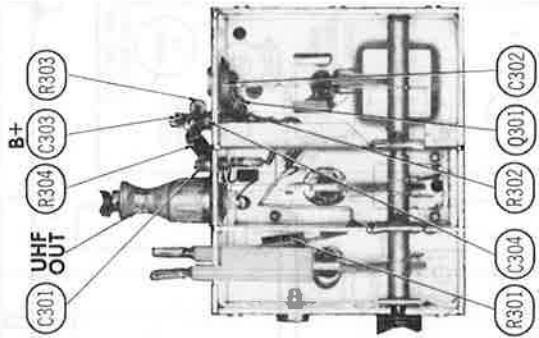
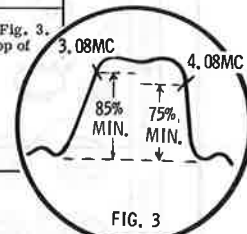
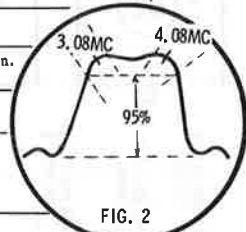
4.5 MC TRAP ALIGNMENT

Tune in a strong TV signal and set the Contrast at maximum. Adjust the Fine Tuning until a beat pattern is visible on the screen. Adjust A11 for MINIMUM beat interference.

CHROMA BANDPASS ALIGNMENT

The following alignment will require the use of an RF Modulator (RCA WG304A or equivalent). Connect a -2 volt supply to point ⬢. Connect a -15 volt supply to point ⬢. Connect a -15 volt supply to point ⬢. Positive of all supplies to ground. Connect a jumper from point ⬢ to ground. Turn the color intensity to maximum. Remove the Horizontal Output tube and connect a 2000Ω, 100W Resistor from 365V source to ground.

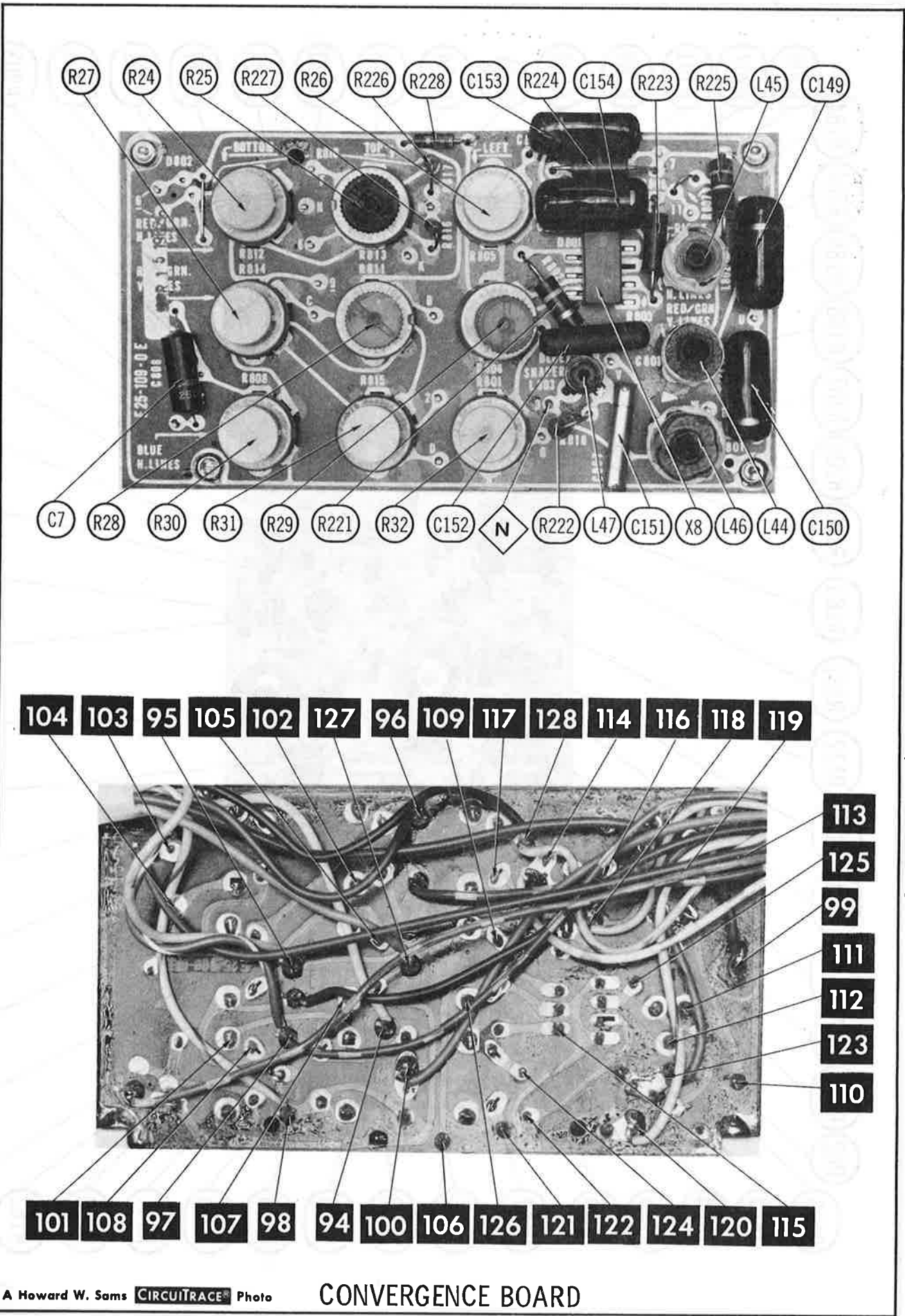
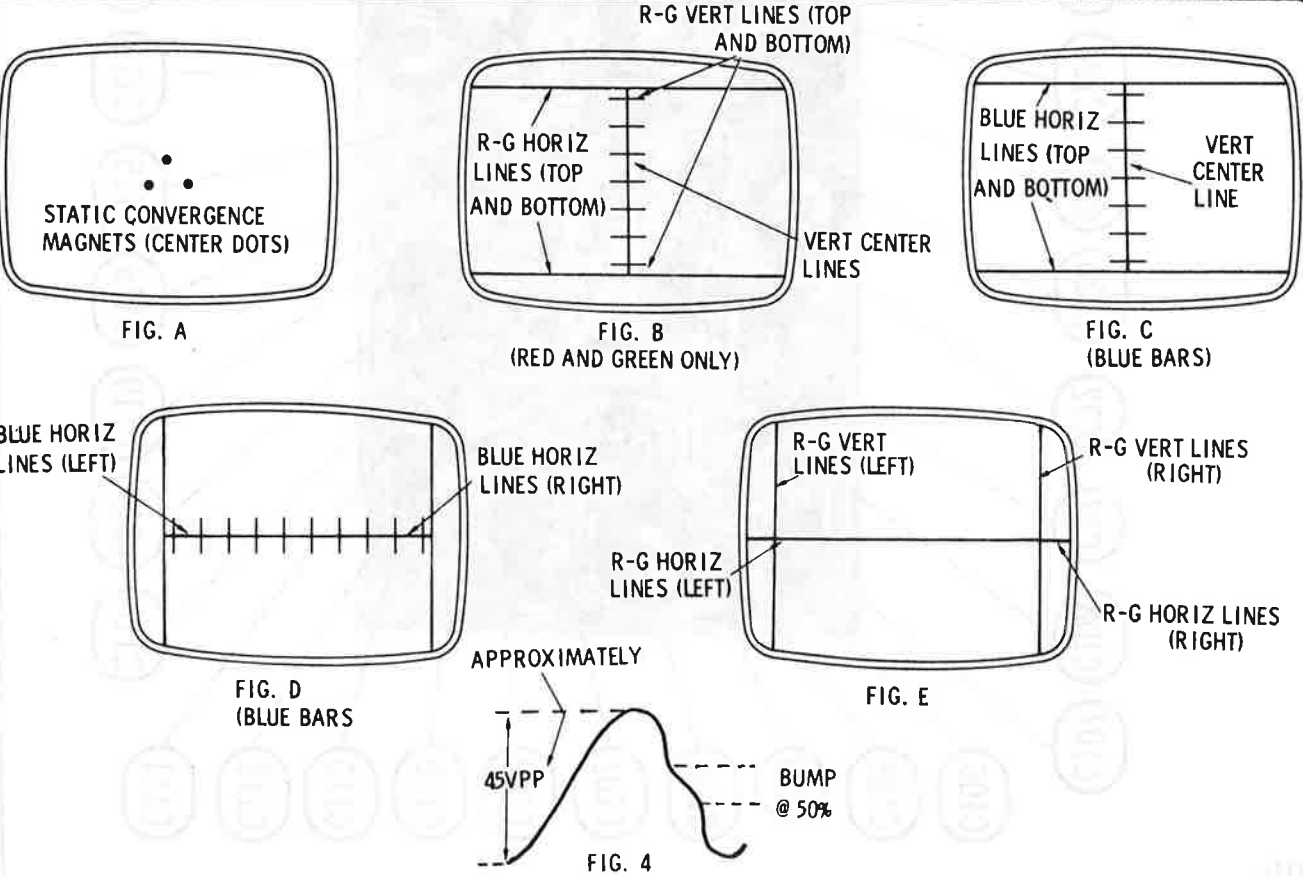
SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
3. Connect high side thru .1mfd to grid of Bandpass Amp., V16. Low side to ground.	3.58MC (3-5MC Sweep)	3.08MC 4.08MC		Vert. Amp. thru Detector Probe to Pin 1 of demodulators point ⬢. Low side to ground.	A12, A13	Adjust for response curve similar to Fig. 2.
4. High side of sweep gen. to Video Sweep Input of RF modulator. High side of signal gen. (set at 45.75MC) to picture carrier input. Output of RF modulator to mixer grid test point on tuner. Low side to ground.	Sweep Generator to 3MC (6MC Sweep)			"	A14	Adjust for response curve similar to Fig. 3. If necessary, retouch A12 to flatten top of response.





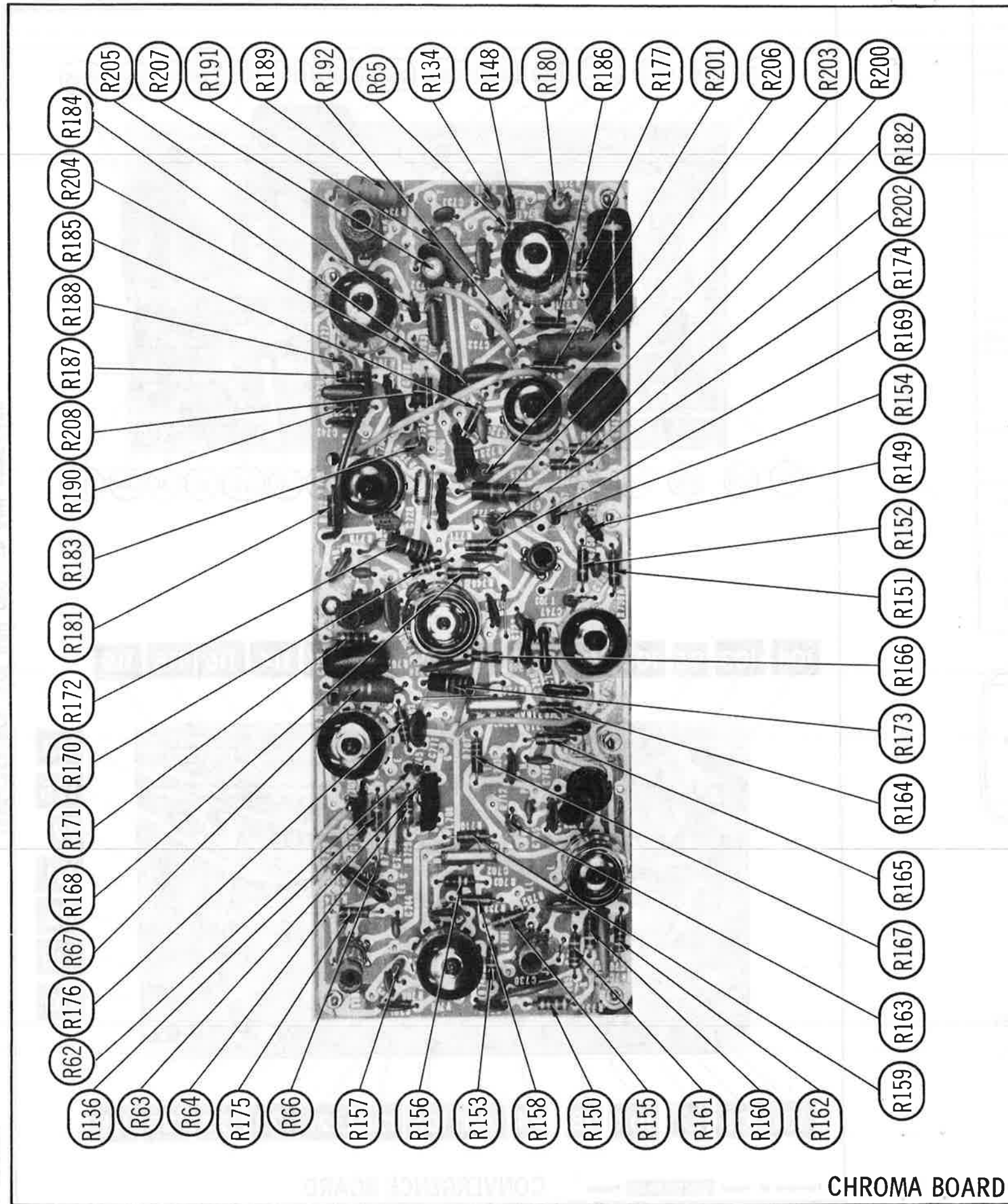
CONVERGENCE ADJUSTMENTS

Step	Control	Use to Converge (or Straighten)	Remarks
1.			Perform Center Dot Convergence using convergence magnets. See Fig. A.
2.	R-G Vertical Lines, Top (R28)	Red and Green Vertical bars at top of screen.	Touch up both controls for best convergence from top to bottom along vertical center line (Fig. B).
3.	R-G Vertical Lines, Bottom (R27)	Red and Green Vertical bars at bottom of screen.	
4.	R-G Horizontal Lines, Top (R25)	Red and Green Horizontal bars at top of screen.	Touch up both controls for best convergence of horizontal bars along vertical center line (Fig. B).
5.	R-G Horizontal Lines, Bottom (R24)	Red and Green Horizontal bars at top of screen.	
6.	Blue Horizontal Lines, Top (R31)	Blue Horizontal bars at top of screen.	Touch up both controls for best convergence of horizontal bars along vertical center line (Fig. C).
7.	Blue Horizontal Lines, Bottom (R30)	Blue Horizontal bars at bottom of screen.	
8.			Perform Center Dot Static Convergence (Fig. A).
9.	Blue Horizontal Lines, Right (L46)	Blue Horizontal bars at right side of screen.	Touch up both controls for best convergence along horizontal center line (Fig. D).
10.	Blue Horizontal Lines, Left (R32)	Blue Horizontal bars at left side of screen.	
11.	R-G Vertical Lines, Right (L44)	Red and Green Vertical bars at right side of screen.	(Fig. E)
12.	R-G Horizontal Lines, Right (L45)	Red and Green Horizontal bars at right side of screen.	Use control to converge blue bar with red and green bars on right side of screen (Fig. E).
13.	R-G Vertical Lines, Left (R29)	Red and Green Vertical bars at left side of screen.	(Fig. E)
14.	R-G Horizontal Lines, Left (R26)	Red and Green Horizontal bars at left side of screen.	Use control to converge blue bar with red and green bars at left side of screen (Fig. E).

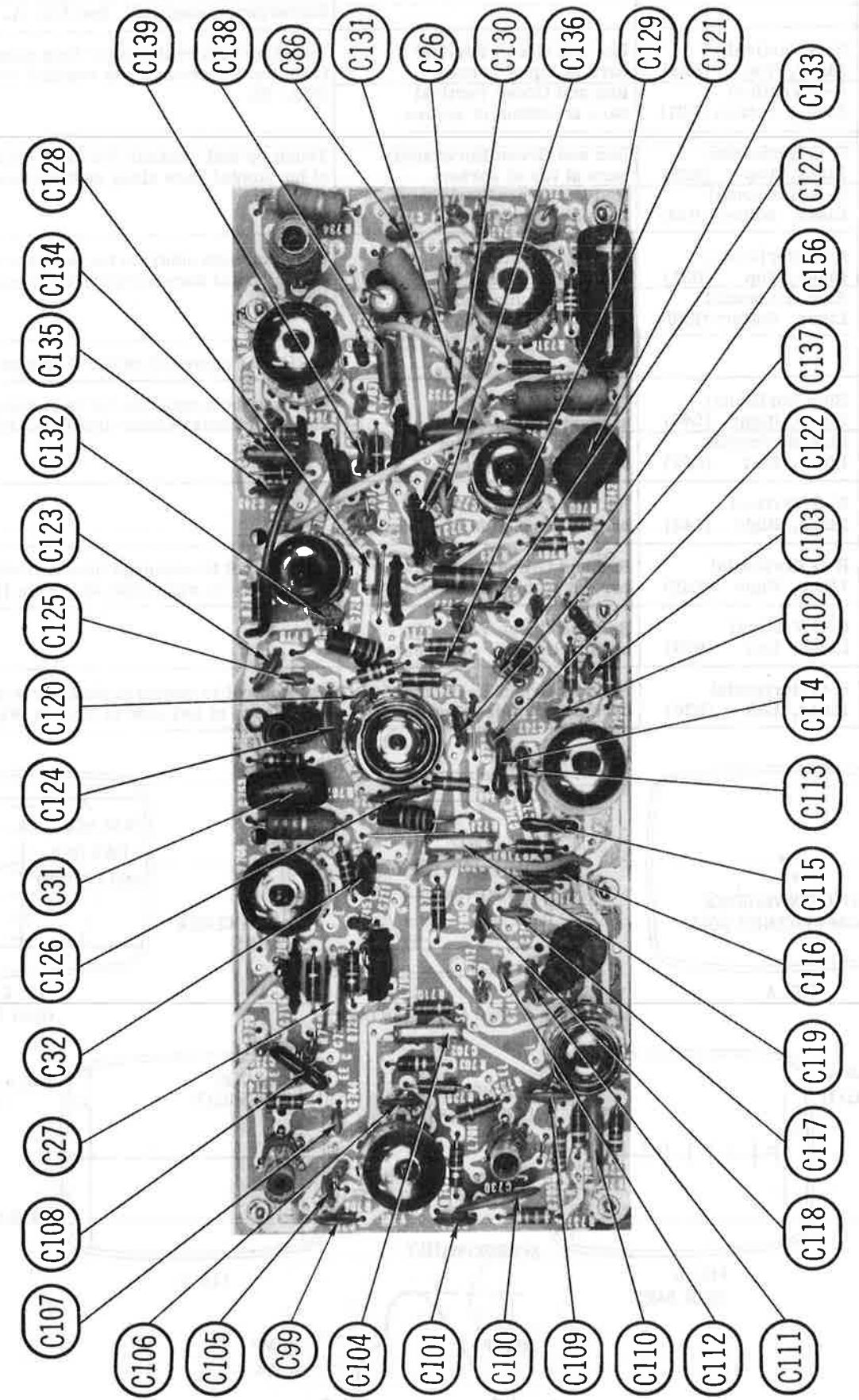


SEARS SILVERTONE CHASSIS 456/528/  
529,72440 thru 455/560 thru 575, 528/529,72581

FOLDER 1



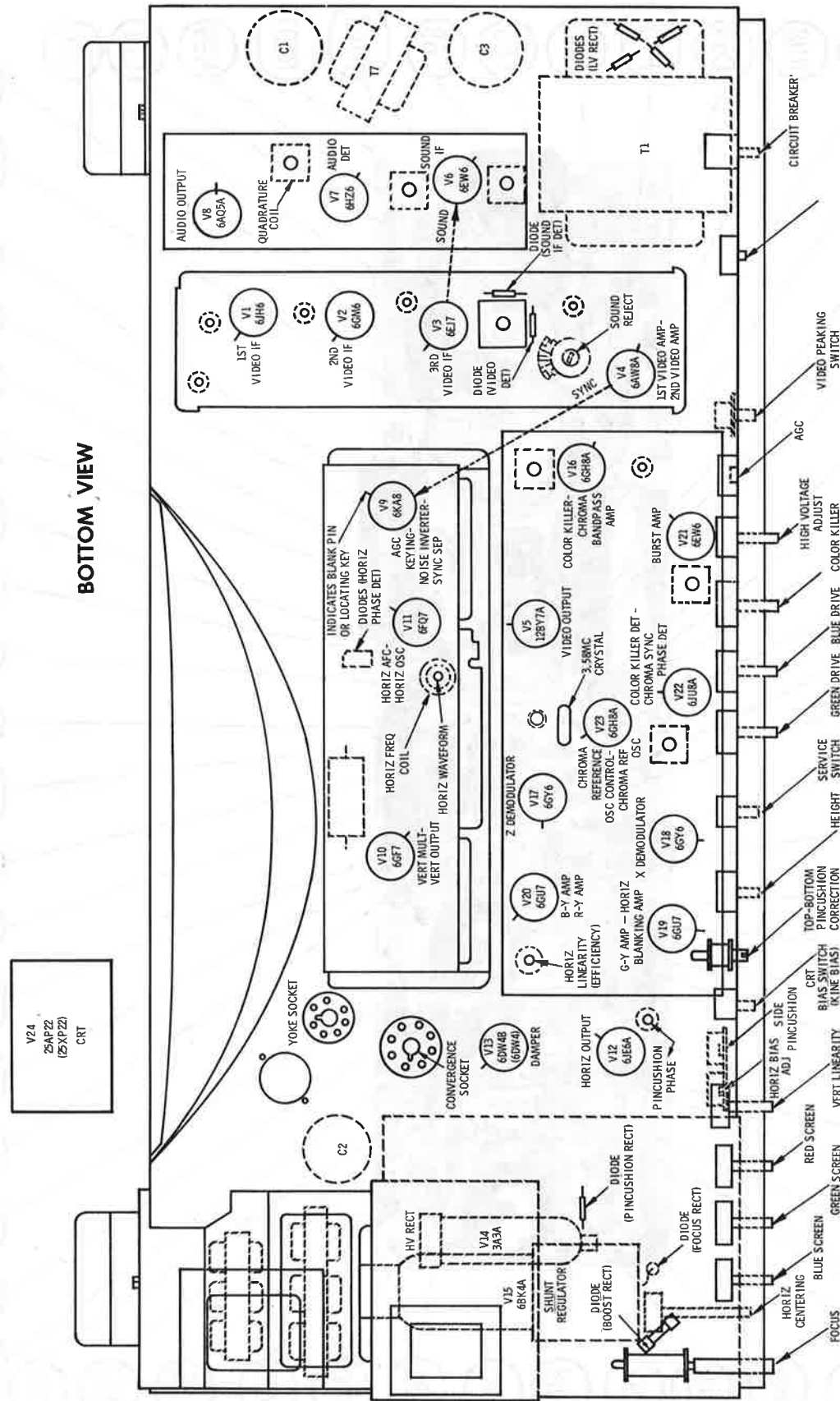
CHROMA BOARD



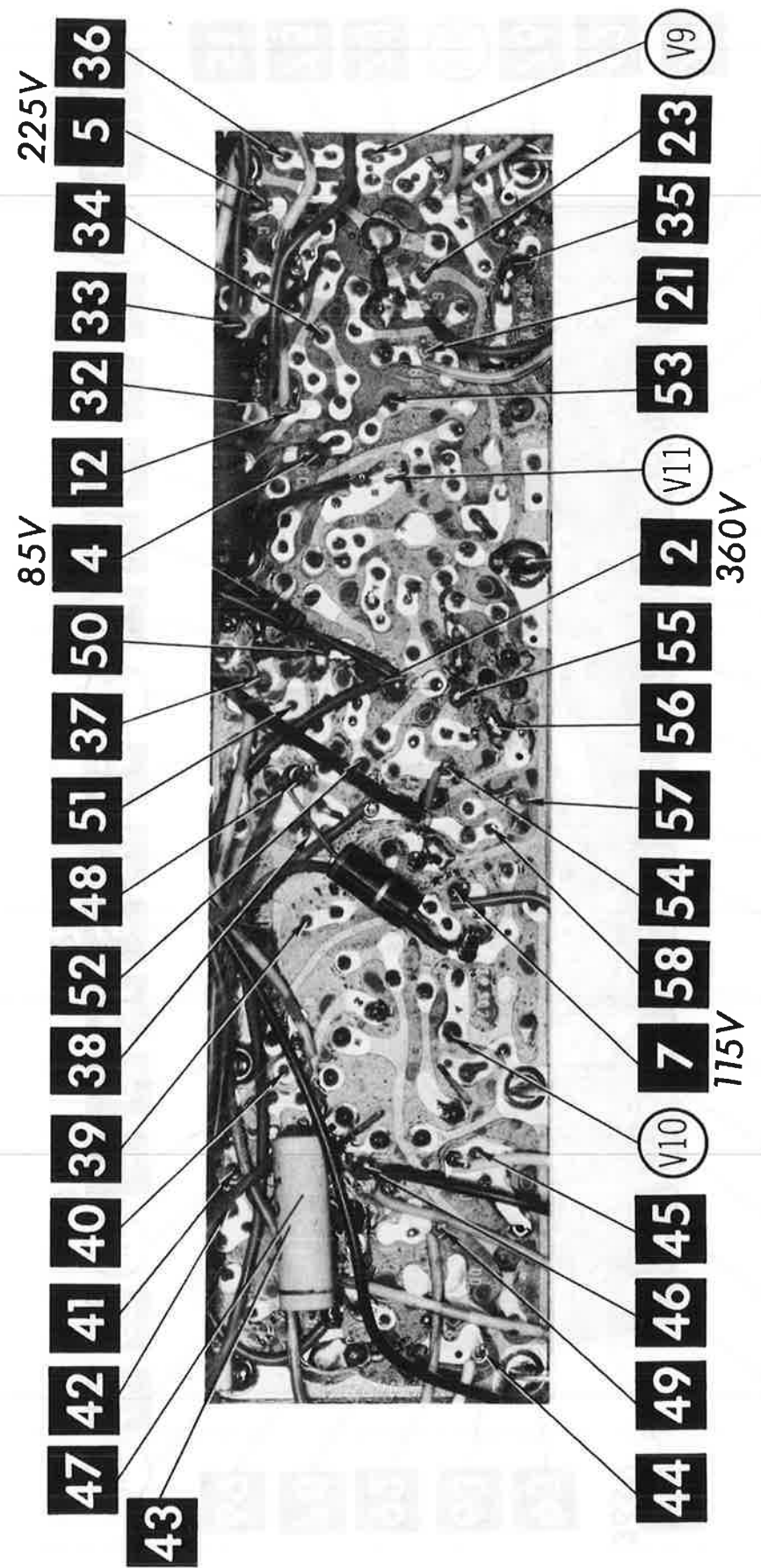


# TUBE PLACEMENT CHART

BOTTOM VIEW

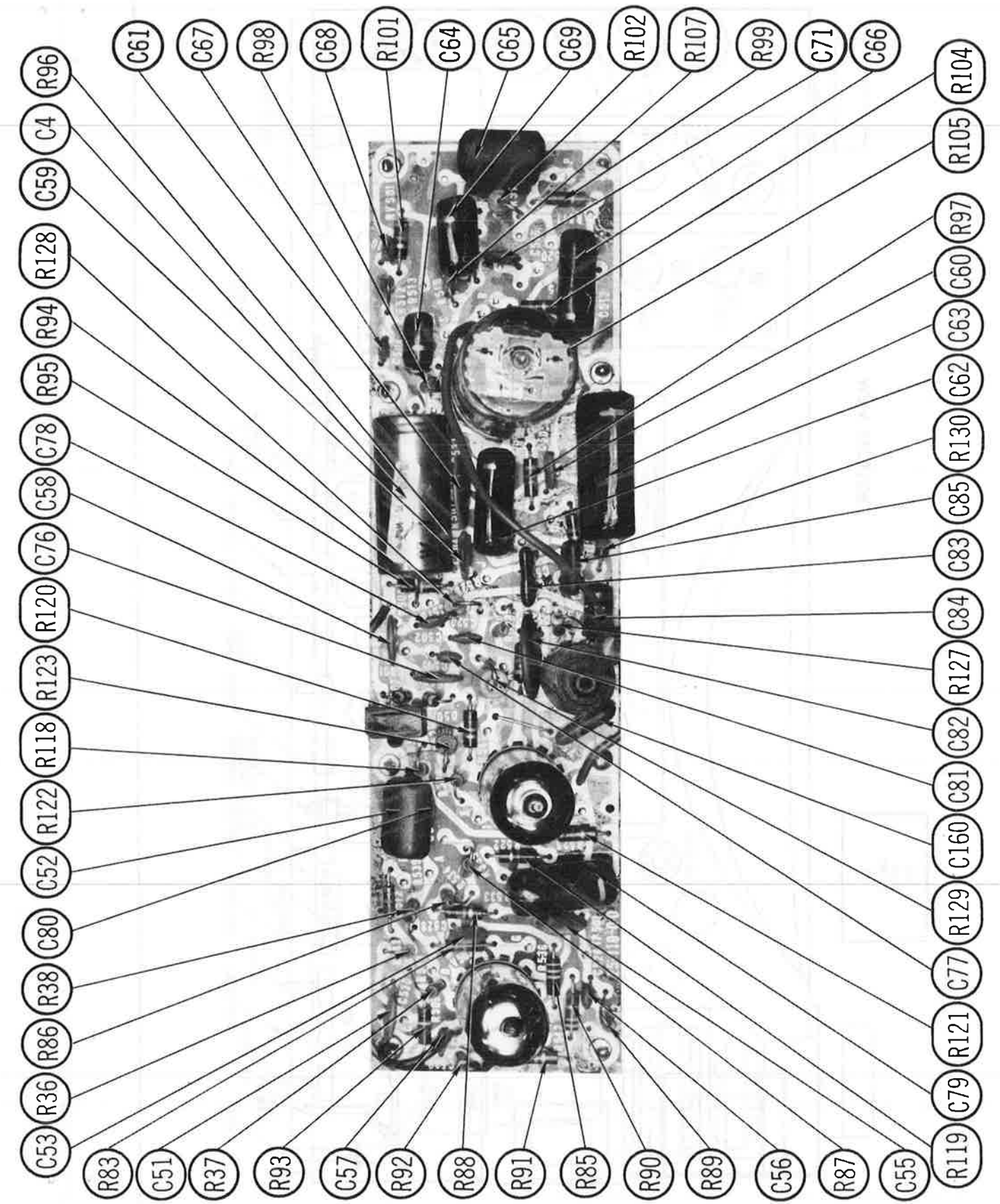






A Howard W. Sams CIRCUITRACE® Photo

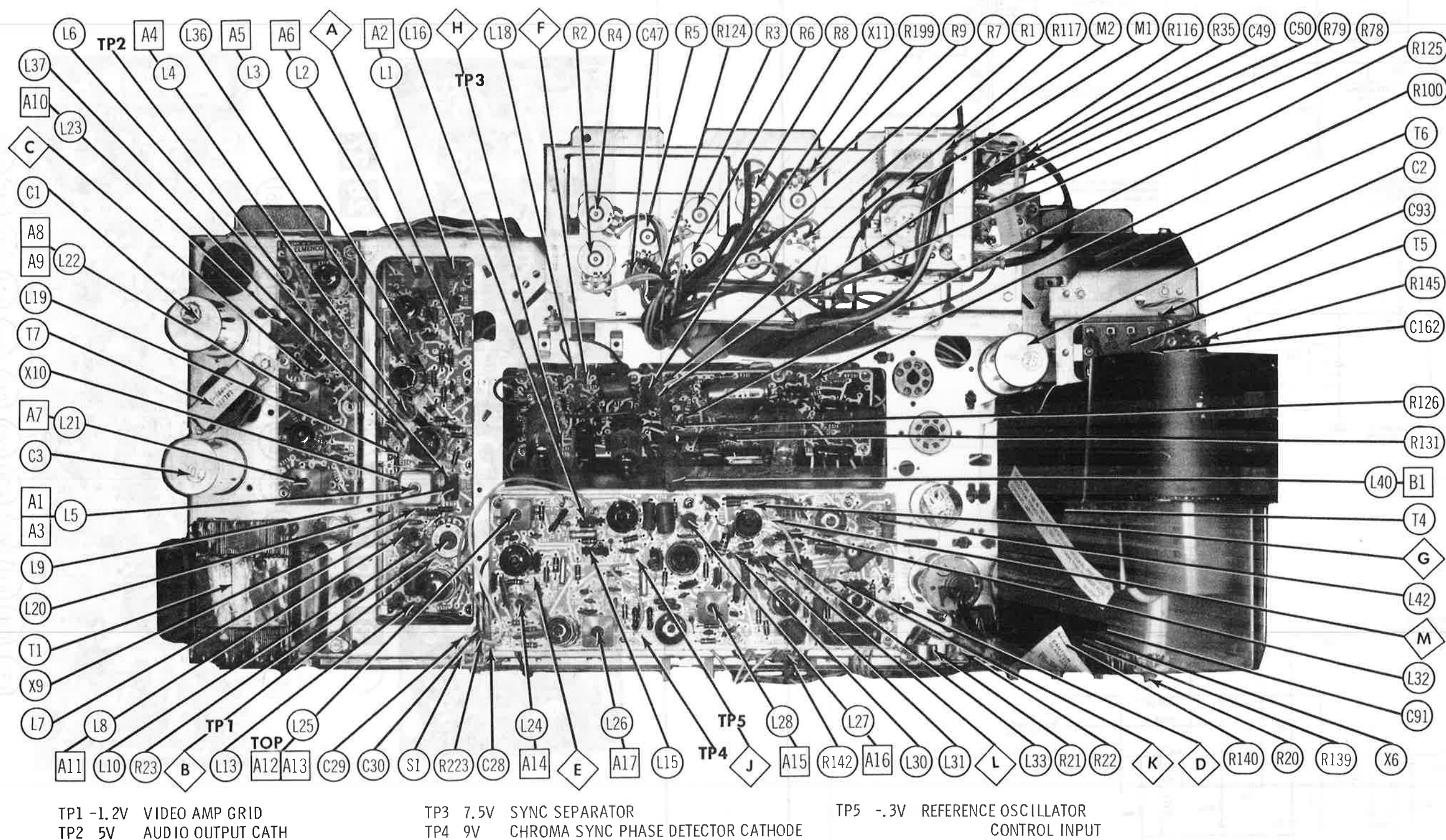
ARROWS INDICATING TUBE LOCATIONS ARE POINTING TO PIN 1 UNLESS OTHERWISE INDICATED



DEFLECTION BOARD







VHF TUNER PARTS LIST  
TUBES

UHF TUNER 95-570-6,571-9

ITEM No.	USE	AMPEREX • GENERAL ELECTRIC •		RCA •		SYLVANIA •		TYPE
		TYPE	ITEM No.	TYPE	ITEM No.	TYPE	USE	
V201	RF Amp.	6HA5	V202	Mixer-Osc.				6LJ8

CAPACITORS

ITEM No.	RATING	SEARS PART No.	REPLACEMENT DATA					
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENDO PART No.	MALLORY PART No.	SPRAGUE PART No.
C201A	27	①	D1-27	DD-270		CCD-270	GP427	10TS-Q27
C201B	27		D1-27	DD-270		CCD-270	GP427	10TS-Q27
C201C	27		D1-27	DD-270		CCD-270	GP427	10TS-Q27
C202	7.7					CCD-270	GP427	10TS-Q27
C203	2.2	46-20647	NPO-DI 2.2	D7Z-2R2	CZ601CJ2R2D	CCTO-2R2	CNO522	10TS-V15
C204	.001	46-20427	EF-001	MFT-1000		CCF-102	CT280A	10TCC-V22
C205	47	46-20420	EF-001	MFT-1000		CCF-102	CT280A	
C206	.001	46-20425	EF-001	MFT-1000		CCF-102	CT280A	
C207	.001	46-20420	EF-001	MFT-1000		CCF-102	CT280A	
C208	16	46-20603	D1-1000	DD-102	JES601YP102K	CCD-102	GP210	10TS-D10
C209	2.2	46-20666	NPO-DI 2.2	D7Z-2R2	CZ601CJ2R2D	CCCTO-2R2	CNO522	10TCC-V22
C210	8.2 NPO		NPO-DI 8.2	MFT-1000		CCF-102	CT280A	10TCC-V82
C211	.001	46-2017	EF-001	MFT-1000		CCF-102	CT280A	
C212	.001	46-20420	EF-001	MFT-1000		CCF-102	CT280A	
C213	27	46-20445	EF-001	MFT-1000		CCF-102	CT280A	
C214	.001	46-20420	EF-001	MFT-1000		CCF-102	CT280A	
C215	.001	46-20420	EF-001	MFT-1000		CCF-102	CT280A	
C216	.001	46-20420	EF-001	MFT-1000		CCF-102	CT280A	
C217	.001	46-20420	EF-001	MFT-1000		CCF-102	CT280A	

① Part of Trap Assembly 46-94143

UHF TUNER PARTS LIST

497-545

TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES
			DELCO PART No.	GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	
Q301	SI019	UHF Oscillator		GE-11	TR-24	NPN

POWER RECTIFIERS & SIGNAL DIODES

ITEM No.	MEASURED CURRENT	ORIGINAL Part or Type No.	RECTIFIERS & DIODES		
			GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	RECTIFIERS RCA PART No.
X301		1N82AG	IN82A	1N82AG	SARKES TARZIAN PART No.

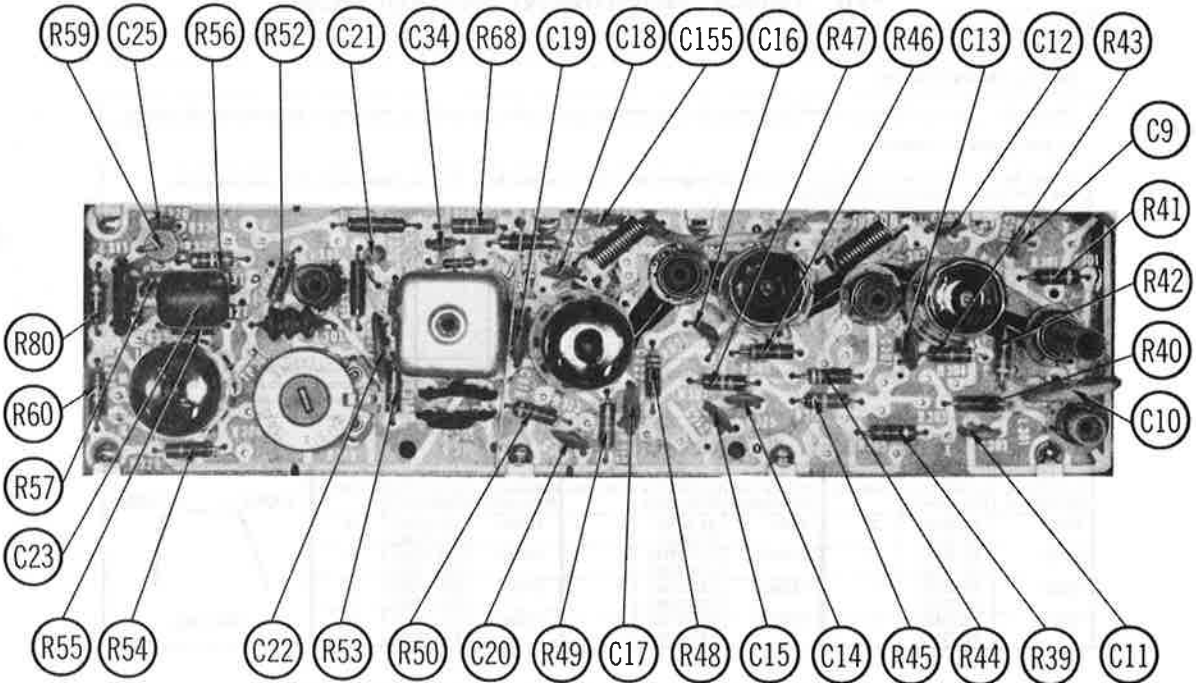
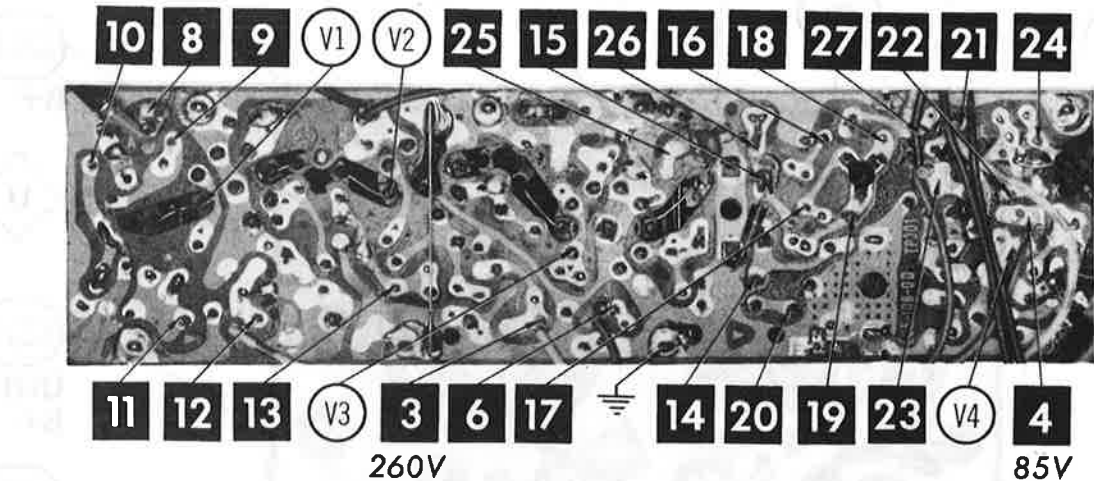
CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA		
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.
C301	30				
C302	.001				
C303	30				
C304					

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VIDEO BOARD

ARROWS INDICATING TUBE LOCATIONS ARE POINTING TO PIN 1 UNLESS OTHERWISE INDICATED



UHF TUNER 95-585-8



VHF TUNER ALIGNMENT INSTRUCTIONS

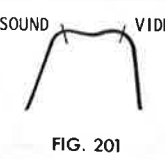
Suggested Alignment Tools:  
UHF .....GENERAL CEMENT #8868, 8887, 9089...WALSCO #2531-X, 2541, 2587

OSCILLATOR ADJUSTMENTS  
The oscillator for each channel is preset by means of the fine tuning control. Adjust fine tuning for best picture and sound on each channel.

RF AND MIXER ALIGNMENT  
Connect the synchronized sweep voltage from the sweep generator to the horizontal input of the oscilloscope for horizontal deflection. Use 10MC sweep unless otherwise noted. Connect a variable bias to the RF AGC line at point (T). Adjust bias to obtain response curve which shows no indication of overloading.

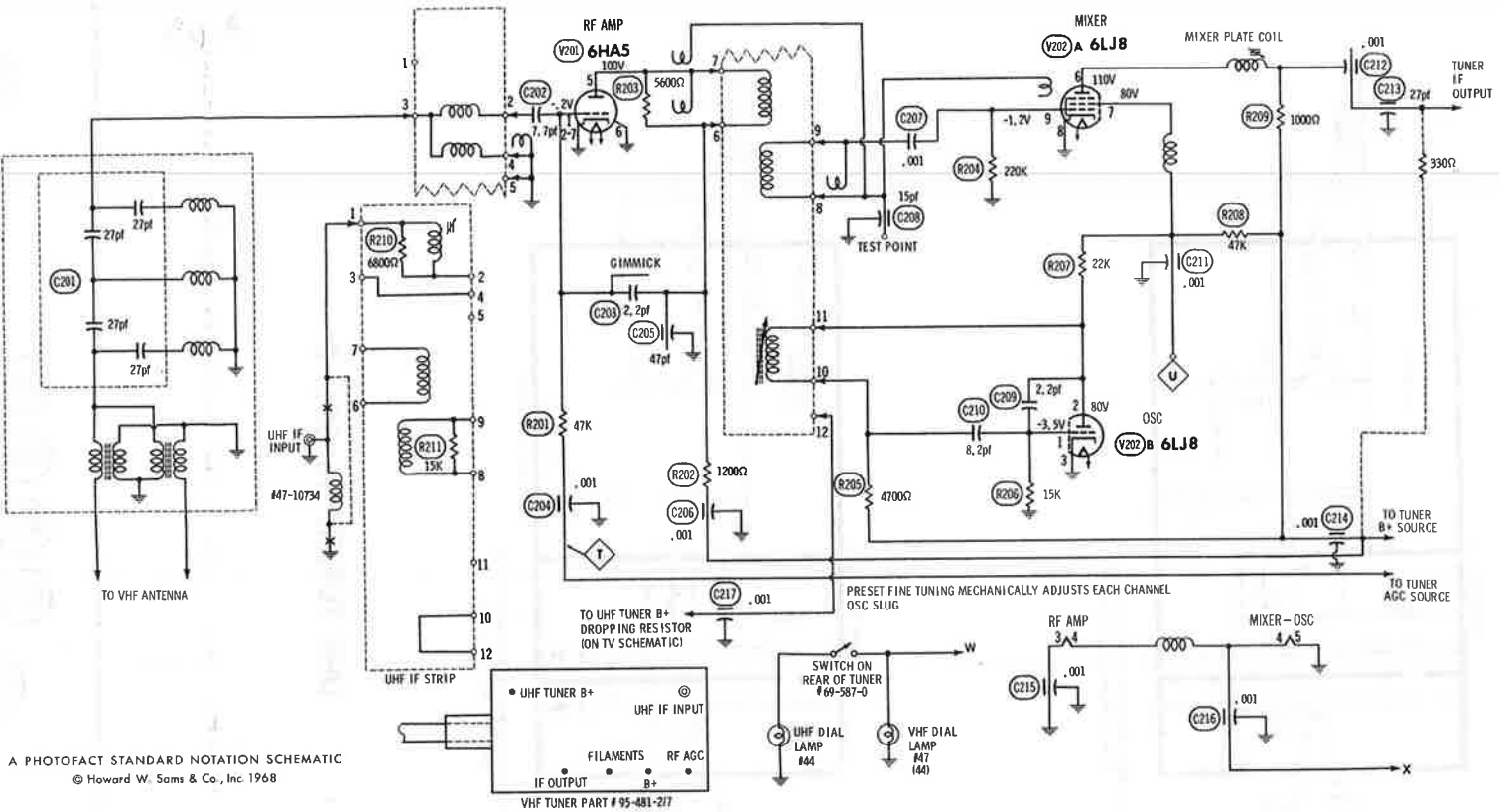
SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
1. Across antenna terminals with 120Ω in each lead.	213MC	211.25MC 215.75MC	13	Vert. Input to Point (T), low side to ground.		Expand or compress appropriate coils for maximum gain and symmetry of response similar to Fig. 201 with markers as shown.
2. "	See Chart	See Chart	12 thru 2	Vert. Input to Point (U), low side to ground.		Check all channels and make compromise adjustments by expanding or compressing appropriate coils if necessary.

CHANNEL & FREQUENCY CHART

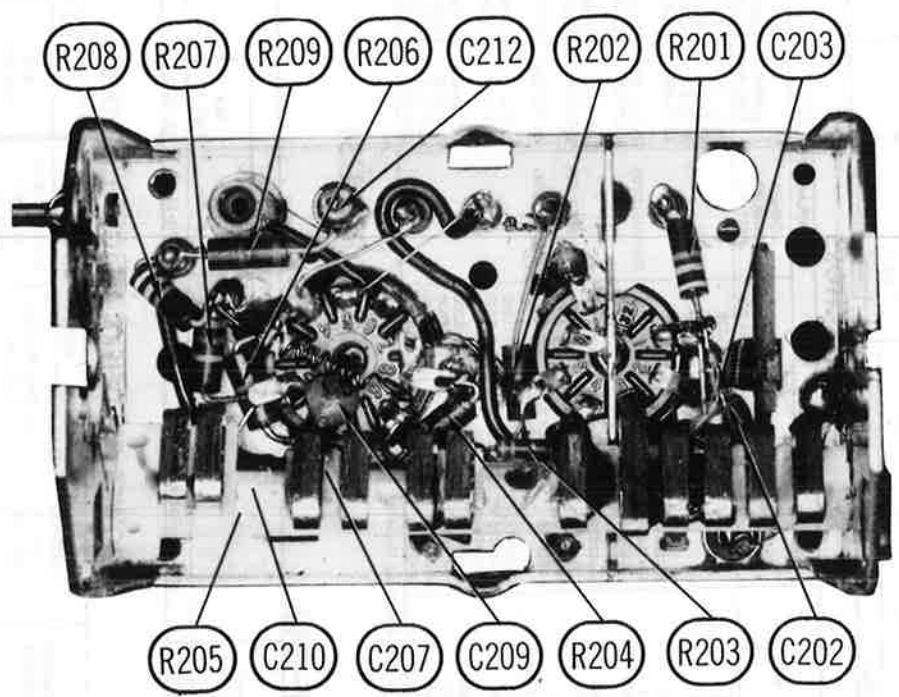
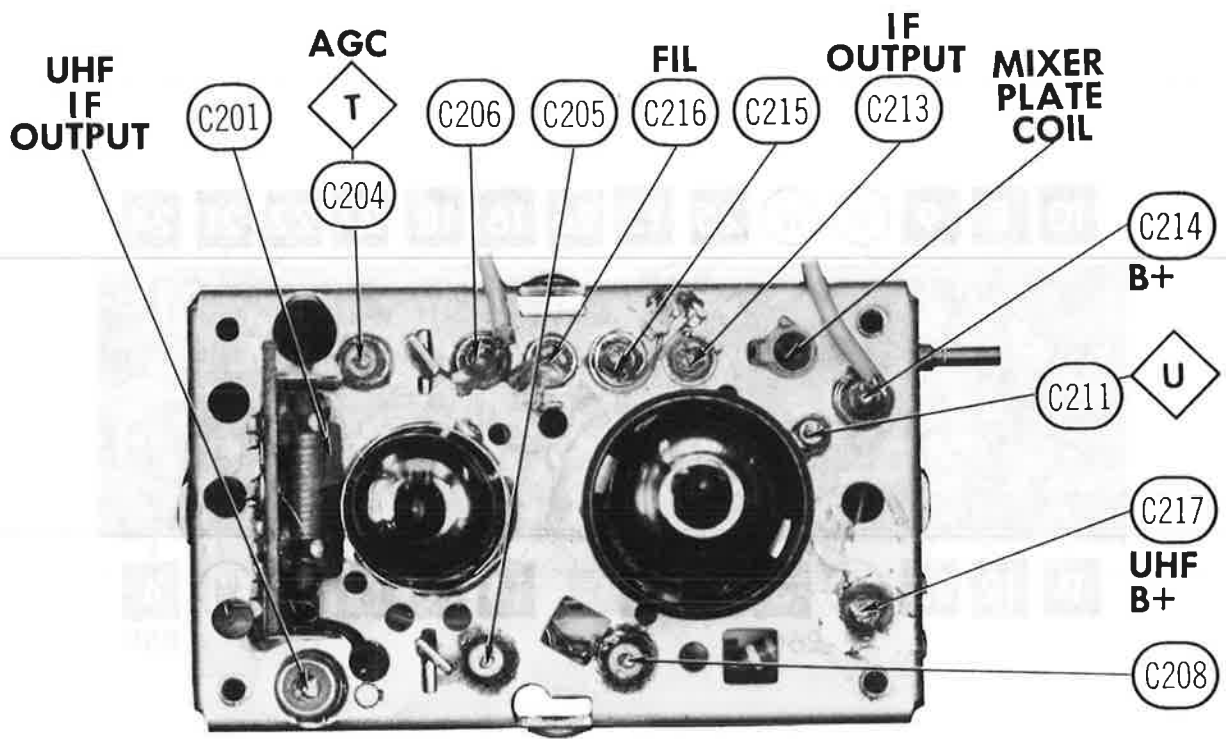
SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	
57MC	55.25MC 59.75MC	2	85MC	83.25MC 87.75MC	6	195MC	193.25MC 197.75MC	10	
63MC	61.25MC 65.75MC	3	177MC	175.25MC 179.75MC	7	201MC	199.25MC 203.75MC	11	
69MC	67.25MC 71.75MC	4	183MC	181.25MC 185.75MC	8	207MC	205.25MC 209.75MC	12	
75MC	73.25MC 77.75MC	5	189MC	187.25MC 191.75MC	9	213MC	211.25MC 215.75MC	13	

UHF TUNER ALIGNMENT INSTRUCTIONS

\*Tune to a UHF station and adjust UHF IF Input Coil I. best picture and sound.



A PHOTOFAC STANDARD NOTATION SCHEMATIC  
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VHF TUNER PART # 95-481-217



VHF TUNER 95-481-2, -7

## PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

Replacement parts shown may be superseded by the availability of newly introduced replacements. Have your local distributor check Sams COUNTER FACTS for the most up-to-date replacement.

### COILS (RF-IF) (cont)

ITEM No.	USE	REPLACEMENT DATA			
		PART No.	MEISSNER PART No.	MILLER PART No.	WORKMAN PART No.
L25	Chroma Bandpass	10-268-1			
L26	Buret Phase	10-250-1			
L27	Chroma Ref. Osc. Control	10-251-1			
L28	3.58MC Oscillator	10-258-1			
L29	RF Choke (5.6uh)	10-298-1 ①	19-1008	4609	T820
L30	RF Choke (10uh)	10-214-1	19-2016	72 F105A P	T823
L31	Peaking (620uh)	10-192-1	19-2030	6146	T326
L32	Peaking (620uh)	10-192-1	19-2030	6146	T326
L33	Peaking (620uh)	10-192-1	19-2030	6146	T326
L34	RF Choke (5.6uh)	10-298-1 ①	19-1008	4609	T820
L35	RF Choke (5.6uh)	10-298-1 ①	19-1008	4609	T820
L36	Filament Choke (16 turns)	10-240-1			
L37	Filament Choke (16 turns)	10-240-1			
L38	Line Choke (42uh)	10-149-1			
L39	Line Choke (42uh)	10-149-1			

① Some versions use Part #10-193-1.

### COILS (SWEEP CIRCUITS)

ITEM No.	USE	REPLACEMENT DATA						
		SEARS PART No.	MERIT PART No.	MILLER PART No.	STANCOR PART No.	THORDARSON MEISSNER PART No.	TRIAD PART No.	WORKMAN PART No.
L40A	Horiz. Oscillator	10-88-5						
L41	Horiz. Waveform	10-230-1		H-101		FC-5 ①		TC289 ①
L42	Focus	10-99-5		H-137				
L43	Horiz. Efficiency (Linearity)	10-125-5		H-178				
L44	Top & Bottom Pincushion Phase	10-102-5		H-138				
L45	Right R/G Vert. Lines	10-128-5						
L46	Right R/G Horiz. Lines	10-118-5 ②		H-102				
L47	Blue Horiz. Shaping	10-118-5						
L48	Conv. Yoke Assembly							
A	Blue Section	10-131-5						
B	Green Section	10-131-5						
C	Red Section	10-131-5						

① Connect terminals #1 and #2 same as original. Connect terminal #4 same as original terminal #3.

Connect 100K Resistor across terminals #3 and #4.

② Alternate Part #10-52-5.

### FILTER CHOKE

ITEM No.	CURRENT (Measured)	DC RES.	REPLACEMENT DATA					NOTES
			SEARS PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
L49	.33A DC	24Ω	.48 H	80-53-6(A)	C-4133	C-2708	26C81	C-40X

### TRANSFORMER (POWER)

ITEM No.	RATING	REPLACEMENT DATA					NOTES
		SEARS PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T1	117VAC @ 3.17A 320VAC @ .48A 6.3VAC @ 1.05A DC AC	80-475-0 80-477-0 †					† Primary has Instant Start tap. † Alternate
	SEC. 3 6.3VAC @ 10.9A AC						

### \* TRANSFORMERS (SWEEP CIRCUITS)

ITEM No.	USE	REPLACEMENT DATA					NOTES
		SEARS PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T2	Vert. Output	80-25-2(J)					① Use original core clamp and housing.
T3	Yoke (Vert. 20mh)	80-65-4(E)					② Install original thermistor between White/Red lead and yoke connection. Rotate yoke 180 (leads out top).
	90° (Horiz. 13.8mh)	80-69-4 †		DY-91AC & YA-1 ①②		YC-312-2 ①	
		80-71-4 †					
		80-76-4 †					
		22-115-3					
T4	Yoke Clamp	80-67-3(E)					
T5	Horiz. Output	80-16-7(A)					
T6	Pincushion Modulator	80-8-7(C)					
T8	Pincushion Correction Alternate	80-18-7					† Alternate Yokes

### \* COMPONENT CONNECTION DATA

ORIGINAL	HV TRANSFORMER	VERTICAL OUTPUT	YOKE	YOKE PLUG
REPLACEMENT	Original Connections	Original Connections	Original Connections	1 2 3 4 5 6 7 8
				TO YOKE TERMINAL
MERIT				
STANCOR				NO WIRING CHANGE NECESSARY
THORDARSON				
TRIAD				NO WIRING CHANGE NECESSARY

### TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					NOTES
	PRI.	SEC.	SEARS PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T7	16,000Ω	3-4Ω	80-196-1(C)	A-2934	A-8092	22S37	S-11Z	

### SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA			NOTES
		SEARS PART No.	JENSEN PART No.	QUAM PART No.	
SP1	4" x 6" PM	33-578-4	P4X6X8	46A1Z10	8180, 8181, 8182, 8183
SP2	3" x 5" PM	33-492-4	P3X5X8	35A05Z8	" " " "
	3" x 5" PM	33-492-4	P3X5X8	35A05Z8	8155, 8156
	4" PM	33-610-4	P3X5X8	35A05Z8	" "
	3" x 5" PM	33-358-4	P3W3	6A31	8172/73/75/76/77, 81721/31/61/71
	4" x 6" PM	33-645-4			8172, 8173, 81721, 81731
		33-558-4			8178, 8179

### FUSE DEVICES

ITEM No.	DESCRIPTION	REPLACEMENT DATA					
		PART No.		BUSS PART No.		LITTELFUSE PART No.	
		DEVICE	HOLDER	DEVICE	HOLDER	DEVICE	HOLDER
F1	Circuit Breaker Break Current 1.75 Amp. Hold Current 1.14 Amp.	43-35-2				8151.75	
F2	3" Length of #22 Wire	84-17308					FA 2
		37-70-1 ①					

① Alternate used in some versions.

### MISCELLANEOUS

ITEM No.	PART NAME	SEARS PART No.	NOTES
M1	VHF Tuner	95-481-2 , 7	
	VHF Tuner	95-480-3	
M2	UHF Tuner	497-545	
	UHF Tuner	95-570-6	
	UHF Tuner	95-571-9	
	UHF Tuner	95-585-8	
M3	Crystal	33-4-3	3.58MC
M4	Delay Line	23-14-2	
M5	Degaussing Coil	10-98-5	Top Bottom
	Degaussing Coil	10-100-5	Blue Lateral Assembly (Includes Purify Rings)
M6	Magnet	84-17552 or 84-19825	
M7	Magnet	27-112	Pole Piece
S1	Switch	69-472-0	Video Peaking
S2	Switch	69-472-0	Picture Tube Bias
S3	Switch	69-425-0	Normal-Service
S4	Switch	69-582-0	Instant Start
	Printed Circuit Board	35-14707	Chroma (Complete with all components except tubes)
	Printed Circuit Board	35-14710/11/12/13/15	Chroma " " " " " " " " in some models
	Printed Circuit Board	25-107-0	Chroma (Less tubes and components)
	Printed Circuit Board	25-707-0	Chroma " " " " " " " " used in some versions.
	Printed Circuit Board	35-12006	Convergence (Complete with all components)
	Printed Circuit Board	25-109-0	Convergence (Less all components)
	Printed Circuit Board	35-11404	Deflection (Complete with all components except tubes)
	Printed Circuit Board	35-11406/07	Deflection " " " " " " " " in some models
	Printed Circuit Board	25-110-0	Deflection (Less all components)
	Printed Circuit Board	35-8304	Sound (Complete with all components except tubes)
	Printed Circuit Board	35-6303/05	Sound " " " " " " " " in some models
	Printed Circuit Board	25-106-0	Sound (Less all components)
	Printed Circuit Board	35-4905	Video IF (Complete with all components except tubes)
	Printed Circuit Board	35-8706/07/08	Video IF " " " " " " " " in some models
	Printed Circuit Board	25-108-0	Video IF (Less all components)

### CABINETS & CABINET PARTS

(When Ordering Specify Model, Chassis & Color)

ITEM	PART No.	ITEM	PART No.
MODELS 8155/56 and PC-8155/56		MODELS 8180/81/82/83, PC-8180/81/82/83	
Knob-VHF Channel Selector	52-2748-0	Knob-VHF Channel Selector	52-2591-0
Knob-VHF Fine Tuning/UHF Chan. Sel.	52-2814-0	Knob-VHF Fine Tuning/UHF Chan. Sel.	52-2574-0
Knob-On/Off/Volume, Color, Tint	52-2714-0	Knob-On/Off/Volume, Color, Tint	52-2811-0
MODELS 8172/73 and 81721/731, PC-8172/73, PC-81721/731		MODELS 8175/76/77/78/79, 81761/771, PC-8175/76/77/78/79, PC-81761/771	
Knob-VHF Channel Selector	52-2837-0	Knob-VHF Channel Selector	52-2748-0
Knob-VHF Fine Tuning/UHF Chan. Sel.	52-2814-0	Knob-VHF Fine Tuning/UHF Chan. Sel.	52-2814-0
Knob-On/Off/Volume, Color, Tint	52-2716-0	Knob-On/Off/Volume, Color, Tint	52-2716-0

### WIRING DATA

High Voltage Lead	Use BELDEN No. 8885 (Single Conductor)
Shielded Hook-up Wire	Use BELDEN No. 8738 (Two Conductor)
General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 12 Colors
	8524 (Stranded) Available in 12 Colors
300Ω Tuner Input Lead	Use BELDEN No. 8225
300Ω Antenna Lead-In	Use BELDEN No. 8275 (Foam Core) or 8285 (Foam Jacketed)
Antenna Rotor Cable	Use BELDEN No. 8484 (Flat) or 8484 (Round) - 4 Conductor
	8485 (Round) - 5 Conductor
	8488 (Round) - 8 Conductor

## PARTS LIST AND DESCRIPTION

(When ordering parts, state Model, Part Number, and Description.)

Replacement parts shown may be superseded by the availability of newly introduced replacements. Have your local distributor check Sams COUNTER FACTS for the most up-to-date replacement.

### TUBES

ITEM No.	USE	TYPE	REPLACEMENT DATA			
			AMPEREX	GENERAL ELECTRIC	RCA	SYLVANIA
Q301	UHF Osc. (Transistor)	S1019				
V201	RF Amp.	6HA5				
V202	Mixer-Oscillator	6LJ8				
V1	1st Video IF	6JH6				
V2	2nd Video IF	6GM6				
V3	3rd Video IF	6EJ7				
V4	1st Video Amp.	6AW8A				
V5	Video Output	12BY7A				
V6	Sound IF	6EW8				
V7	Audio Detector	6H26				
V8	Audio Output	6AQ5				
V9	AGC Keying - Sync Sep. - Noise Inverter	6KA8				
V10	Vert. Mult. - Vert. Output	6GF7				
V11	Horiz. AFC - Horiz. Osc.	6FQ7				
V12	Horiz. Output	6EJ6A				
V13	Damper	6DW4B				
V14	HV Rectifier	3A3AB				
V15	HV Regulator	6BK4B (6BK4A) *				
V16	Color Killer - Chroma Bandpass Amp.	6GH8A				
V17	"Z" Demodulator	6GY6				
V18	"X" Demodulator	6GY6				
V19	G-Y Amp. - Horiz. Blanking Amp.	6GU7				
V20	B-Y Amp.	6GU7				
V21	Burst Amp.	6EW8				
V22	Color Killer Detector - Chroma Sync Phase Det.	6JU8				
V23	Chroma Reference Osc. - Chroma Ref. Osc. Control	6GH8				

\* Alternate

### PICTURE TUBE

ITEM No.	SEARS PART No.	REPLACEMENT DATA			NOTES
		GENERAL ELECTRIC PART No.	RCA PART No.	SYLVANIA PART No.	
V24	25AP22A or 25XP22	25AP22A ① 25AP22A ①	H25X P22 ② H25X P22 ②	RE25A P22A ③ RE25A P22A ③	① Aluminized ② Hi-Lite ③ Color Bright "85"

### POWER RECTIFIERS & SIGNAL DIODES

ITEM No.	MFR. PART OR TYPE No.	REPLACEMENT RECTIFIERS & DIODES					NOTES
		GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	SYLVANIA PART No.	RCA PART No.	SARKES TARZIAN PART No.	
X1	86-35-3	GE-504A	8D6 or 18DB8A ①	ECG 116 or ECG 117	SK-3017A or SK-3032	60C or S-5959-3 ①	① A single replacement for all four bridge circuit rectifiers.
X2	86-35-3	GE-504A	8D6 or 18DB8A ①	ECG 116 or ECG 117	SK-3017A or SK-3032	60C or S-5959-3 ①	
X3	86-35-3	GE-504A	8D6 or 18DB8A ①	ECG 116 or ECG 117	SK-3017A or SK-3032	60C or S-5959-3 ①	
X4	86-35-3	GE-504A	8D6 or 18DB8A ①	ECG 116 or ECG 117	SK-3017A or SK-3032	60C or S-5959-3 ①	
X5	86-59-3	GE-504A	8D4 or 5A4-D	ECG 116 or ECG 117	SK-3031 or SK-3017A	40C or F-4	
X8	86-44-3	GE-504A	61-8969	ECG 118		S-913	
X7	86-45-3	GE-504A	61-8968	ECG 119		S-915	
X9	86-56-3	GE-504A	CD-07 or GE-504A ②	ECG 120 or ECG 116 ②		S-5462 or 40C ②	② Four required
X9	86-20-1	1N60	1N60	ECG 109			
X10	86-20-1	1N60	1N60	ECG 109			
X11	86-18-1	6GC1	DD04	ECG 113			

### ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA			
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## CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA					
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCOPART No.	MALLORY PART No.	SPRAGUE PART No.
C37	.0018 10%		DI-1800	DD-382	JBY601YPI02K	CCS-182	GP218	10TS-D18
C38	.01		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C39	8.2 N750		DTN-10	DD-103	CZ601CG100J	CCTN-100	CN7410	10TCU-Q10
C40	.001		DI-10000	DD-102	JBS601YPI02K	CCD-102	GP210	10TS-D10
C41	.01		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C42	.01		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C43	.390		DI-390	DD-391	BYX601YPI03M	CCD-391	GP390	10TS-T39
C44	.01		DI-10000	DD-103	BYX601YPI02K	CCD-103	GP110	10TS-S10
C45	.001	(580) † (.0068) †	DI-10000	DD-103	BYX601YPI02K	CCD-103	GP210	10TS-D10
C46	.22 N750		DI-10000	DD-102	BYX601YPI02K	CCTN-220	CN7422	10TCU-Q22
C47	.0047 10%		N750-DI 22	DTN-22	CZ601UJ220K	CCD-472	GP247	10TS-D47
C48	.001 2KV 10%	#20-224-1	DI-4700	DD-472	JBY601YPI472K			
C49	.01 200V		DBE2P1		DMF2P1	2DP-3-104	PVC201	2PS-P10
C50	.01		DI-10000	DD-102	JBS601YPI02K	CCD-102	GP210	10TS-D10
C51	.01		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C52	.22 200V		DBE2P22		DMF2P22	2DP-4-224	PVC20221	2PS-P22
C53	.001		DI-10000	DD-102	JBS601YPI02K	CCD-102	GP210	10TS-D10
C54	.220 N1500 10%	#12-221216-0			JBY601YPI332K	CCD-332	GP233	10TS-D33
C55	.0033		DI-3300	DD-332	JBY601YPI332K	CCD-332	GP233	10TS-T39
C56	.390 10%		DI-390	DD-391	JBS601YPI02K	CCD-102	GP210	10TS-D10
C57	.001		DI-10000	DD-102	CKX601CG470K	CCTO-470	CN0447	10TCC-Q47
C58	.47 NPO 10%		DTZ-47	DD-472	JBY601YPI222K	CCD-222	GP222	10TS-D22
C59	.0022		DI-2200	DD-222		CCD-152	GP215	10TS-D15
C60	.0015		DI-1500	DD-152				
C61	.0027 N5600 10%	#20-553-0			DPM6S639	6DP-3-393	PVC6139	6PS-S39
C62	.036 600V 10%		DBE6S39		DMF2S47	4DP-3-473	PVC2147	2PS-S47
C63	.47 200V		DBE6S47		DMF6D68	6DP-1-682	PVC6268	6PS-D68
C64	.0068 400V 10%		DBE6D68	CPR-6800J	DMF6P1	6DP-4-104	PVC601	6PS-P10
C65	.1 600V		DBE6P1		DPM6S639	6DP-3-393	PVC6139	6PS-S39
C66	.036 600V 10%		DBE6S39					
C67	.100 N750/4KV		DI-680	DD-681	JBY601YPI681K	CCD-681	GP368	10TS-T68
C68	.0082 1KV					16DP-3-822	GEM1628	16PS-D80
C69	.002 2KV		B161Y-002				GP230	10TS-D30
C70	.003 1KV		DI-3000	DD-302	BYX601ZU302P	CCD-302	GP230	10TS-D30
C71	.003 1KV							
C72	100 N750/3KV/5%							
C73	.220 N1500/3KV	(270, 2.5KV)†						
C74	.18 200V 10%							
C75	.220 N1500/3KV/10%	(270, 2.5KV)†						
C76	.88 NPO 10%		NPO-DI 68	DTZ-68	CKX601CG680K	CCTO-680	CN0468	10TCC-Q68
C77	.27			TCN-27		CCTN-270	CN7427	10TCU-Q27
C78	.820 10%		DI-820	DD-821	JBY601YPI821K	CCD-821	GP382	10TS-T82
C79	.15 200V		DBE2P15		DMF2P15	2DP-3-154	PVC2015	2PS-P15
C80	.001 10%		DI-1000	DD-102	JBS601YPI02K	CCD-102	GP210	10TS-D10
C81	.820 10%		DI-820	DD-821	JBY601YPI821K	CCD-821	GP382	10TS-T82
C82	.390 N1500/1.5KV/5%	#2-500-0						
C83	.680 5%	(620) †	ADM-20-681	CPR-680J	CDI5F681J500	DM-16-681	MS-368	6PS-D15
C84	.0015 600V 10%		DBE6D15		DMF6S1	6DP-1-152	PVC611	6PS-S10
C85	.01 600V		DBE6S1	CPR-10000J	JBY601YPI221K	CCD-221	GP322	10TS-T22
C86	.220 10%		DI-220	DD-221	JBY601YPI221K	CCD-181	GP318	10TS-T18
C87	.180 1KV 10%		DI-180	DD-181	JBY601YPI181K			
C88	.68 N1500/4KV/10%	#20-547-0						
C89	.1 600V		DBE6P1		DMF6P1	6DP-4-104	PVC601	6PS-P10
C90	.1 600V		HVD-40-120			6CCD-121	60GA-T12	
C91	.130 3KV		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C92	.01 1KV		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C93	.01 1KV		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C94	.01 1KV		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C95	.22 N750/1KV							
C96	.022 600V 5%							
C97	.068 600V							
C98	.033 600V 5%							
C99	.01							
C100	.470 N750 5%		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C101	.01							
C102	.1 6%	#20-554-0						
C103	.6 NPO ±.5	#12-609281-2						
C104	.047 200V		DBE2S47		DMF2S47	4DP-3-473	PVC2147	2PS-S47
C105	.820 10%		DI-820	DD-821	JBY601YPI821K	CCD-821	GP382	10TS-T82
C106	.01		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C107	.001		DI-10000	DD-103	BYX601YPI02K	CCD-102	GP210	10TS-D10
C108	.830 5%		ADM-15-331	CPR-330J	CDI5F331J500	DM-15-331	MS-333	6PS-S33
C109	.120 N750			TCN-120		CCTN-121	CN7312	10TCU-T12
C110	.01		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C111	.01		DI-10000	DD-102	JBS601YPI02K	CCD-102	GP210	10TS-D10
C112	.001		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C113	.330 5%		ADM-15-331	CPR-330J	CDI5F331J500	DM-15-331	MS-333	6PS-S33
C114	.330 5%		ADM-15-331	CPR-330J	CDI5F331J500	DM-15-331	MS-333	6PS-S33
C115	.330 5%		ADM-15-331	CPR-330J	CDI5F331J500	DM-15-331	MS-333	6PS-S33
C116	.330 5%		ADM-15-331	CPR-330J	CDI5F331J500	DM-15-331	MS-333	6PS-S33
C117	.120 N2200 10%	#12-121267-3						
C118	.01		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C119	.1 200V		DBE2P1		DMF2P1	2DP-3-104	PVC201	2PS-P10
C120	.4 NPO ±.5	#12-40928-2						
C121	.01		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C122	.10 NPO		DTZ-10	DD-103	CZ601CG100J	CCTO-100	CN0410	10TCC-Q10
C123	.01		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C124	.220 N750 10%		N750-DI 220	DTN-220	CY601UJ221K	CCTN-221	CN7422	10TCU-Q22
C125	.10 NPO		NPO-DI 10	DTZ-10	CZ601CG100J	CCTO-100	CN0410	10TCC-Q10
C126	.82 NPO 10%		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C127	.01		DI-10000	DD-102	JBS601YPI02K	CCD-102	GP210	10TS-D10
C128	.200		ADM-15-201	CPD-200J	CDI5F201J500	DM-15-201	MS-320	6PS-S20
C129	.22 400V		DBE4P22		DMF4P22	4DP-5-224	PVC4022	4PS-P22
C130	.01 600V		DBE6S1	CPR-10000J	DMF6S1	6DP-1-103	PVC611	6PS-S10
C131	.01		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C132	.33 N150	#20-494-0						
C133	.047 200V		DBE2S47		DMF2S47	4DP-3-473	PVC2147	2PS-S47
C134	.01 600V		DBE6S1	CPR-10000J	DMF6S1	6DP-1-103	PVC611	6PS-S10
C135	.01		DI-10000	DD-003	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C136	.33 N150	#20-494-0						
C137	.01		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C138	.01 600V		DBE6S1	CPR-10000J	DMF6S1	6DP-1-103	PVC611	6PS-S10
C139	.01		DI-10000	DD-103	BYX601ZUI03M	CCD-103	GP110	10TS-S10
C140	.001		DI-10000	DD-102	JBS601YPI02K	CCD-102	GP210	10TS-D10
C141	.001		DI-10000	DD-102	JBS601YPI02K	CCD-102	GP210	10TS-D10
C142	.001		DI-10000	DD-102	JBS601YPI02K	CCD-102	GP210	10TS-D10
C143	.001		DI-10000	DD-102	JBS601YPI02K	CCD-102	GP210	10TS-D10
C144	.22		N750-DI 22	DTN-22	CZ601UJ220K	CCTN-220	CN7422	10TCU-Q22
C145	.22		N750-DI 22	DTN-22	CZ601UJ220K	CCTN-220	CN7422	10TCU-Q22
C146	.01		GPD X5S103K	DD-103	BYX601ZUI03M	CCD-103	JF110	10TS-S10
C147	.01		GPD X5S103K	DD-103	BYX601ZUI03M	CCD-103	JF110	10TS-S10
C148	.8.2 N750							
C149	.082 400V 10%	(.056) †	DBE6S82		DPM6S682	6DP-4-823	PVC4022	6PS-S82
C150	.082 400V 10%	(.1) †	DBE6S82		DPM6S682	6DP-4-823	PVC4022	6PS-S82
C151	.22 200V 10%	(.27) †	DBE4P22		DMF4P22	4DP-5-224	PVC201	2PS-P10
C152	.1 200V		DBE2P1		DMF2P1	2DP-3-104	PVC201	2PS-P10

## PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

Replacement parts shown may be superseded by the availability of newly introduced replacements. Have your local distributor check Sams COUNTER FACTS for the most up-to-date replacement.

## CAPACITORS

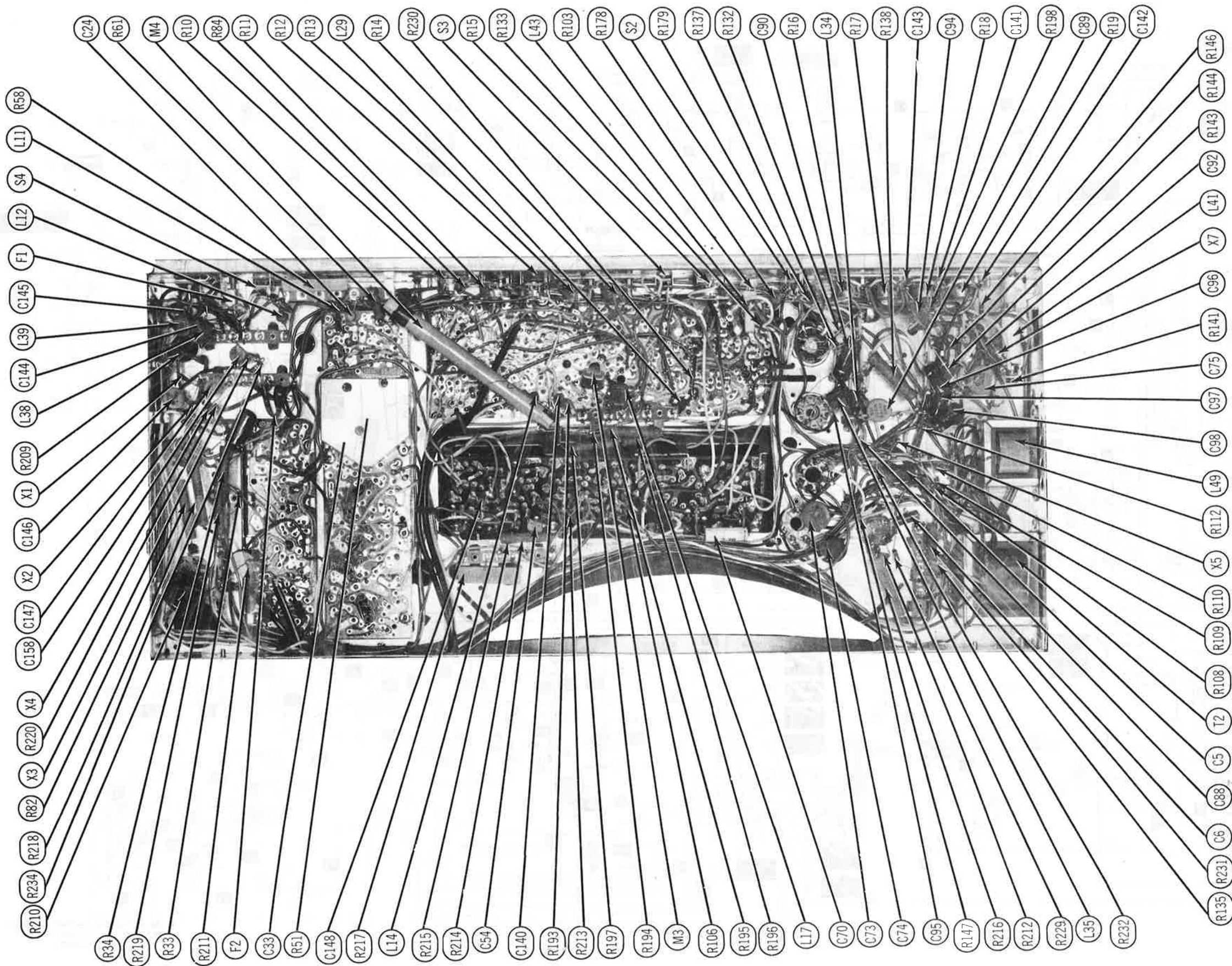
ITEM No.	RATING	REMARKS	REPLACEMENT DATA					
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCOPART No.	MALLORY PART No.	SPRAGUE PART No.
C153	.1 200V 10%	(.12) †	DBE2P1		DMF2P1	2DP-3-104	PVC201	2PS-P10
C154	.015 200V 10%		DBE4S15		DMF4S15	4DP-1-153	PVC6115	4PS-S15
C155	.001 10%		DI-1000	DD-102	JBS601YPI02K	CCD-102	GP210	10TS-D10
C156	.15 NPO 10%		NPO-DI 15	DTZ-15	CZ601CG150J	CCTO-150	CN0415	10TCC-Q15
C157	.18 N470 10%							
C158	.47 N2200 1KV							
C160	.02 400V 10%		DBE4S22		DMF4S22	4DP-2-223	PVC6122	4PS-S22
C162	.100		DI-100	DD-101	JBZ601YPI01K	CCD-101	GP310	10TS-T10

\* Not normally in distributor's stock. Available thru distributor on order to manufacturer. † Alternate Value  
# Sears Silvertone Part Number ① Includes Spark Gap.

## CONTROLS

All wattages 1/2 watt, or less, unless otherwise listed.

ITEM No.	USE	RESIST-ANCE	REPLACEMENT DATA				
			SEARS PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
R1	Volume/Switch Volume/Switch	1meg, 175K Tap 1meg 140K Tap	24-1026, A  24-726, B ③	F12-1meg ①, SP212, KR-8	C47SF1-1meg ①, RS-3/16 or (NPFF1-1meg ①, PPAF, UPP-H-300, NWG-18) A47-500-S, RN-3, TT-2 or (NP-350-S, NML-A-300, TT-2)	B13-137X ①, SK8 (PPQ13-137X ①, SK8 or (BU1, CF44T ①, SS11, K) *	PP16T25 ①, DS37 or (RUP16T254 ①, SL35)
R2	Contrast	350Ω	24-1003, A	F1-500, SNK104	A47-500-S, RN-3, TT-2 or (NP-350-S, NML-A-300, TT-2)	B11-103, TM4 or (BU11, CF4, SS6) *	RU52L, SL37, SN1250 or (UA52L, SN1250) or (TA52L)
R3	Contrast Vert. Hold	350Ω 750K	24-914 ③ 24-1006, A	F1-750K, SNK104	A47-750K-S, RN-3, TT-2 or (NP-750K-S, NML-A-300, TT-2)	B11-136, TM4 or (BU11, CF64, SS6) *	RU754L, SL37, SN1250 or (UA16L, SN1250) or (TA16L)
	Vert. Hold	750K	24-729, A ③	F1-750K, SNK104	A47-750K-S, RN-3, TT-2 or (NP-750K-S, NML-A-300, TT-2)	B11-136, TM4 or (BU11, CF64, SS6) *	RU754L, SL37, SN1250 or (UA16L, SN1250) or (TA16L)
R4	Brightness (Brightness)	250K	24-1005, A	F1-250K, SNK104	A47-250K-S, RN-3, TT-2 or (NP-250K-S, NML-A-300, TT-2)	B11-130, TM4 or (BU11, CF15, SS6) *	RU254L, SL37, SN1250 or (UA254L, SN1250) or (TA254L)
	Brightness	250K	24-731, A ③	F1-250K, SNK104	A47-250K-S, RN-3, TT-2 or (NP-250K-S, NML-A-300, TT-2)	B11-130, TM4 or (BU11, CF15, SS6) *	RU254L, SL37, SN1250 or (UA254L, SN1250) or (TA254L)
R5	Tone	2.5meg	24-1028, A ③	F1-2.5meg SNK104	A47-2.5meg-S, RN-3, TT-2 or (NP-2.5meg-S, NML-A-300, TT-2)	B11-239, TM4 or (BU11, CF20, SS6) *	RU255L, SL37, SN1250 or (UA255L, SN1250) or (TA255L)
R6	Horiz. Hold	25K	24-1004, A	F1-25K, SNK104	A47-25K-S, RN-3, TT-2 or (NP-25K-S, NML-A-300, TT-2)	B11-120, TM4 or (BU11, CF11, SS6) *	RU253L, SL37, SN1250 or (UA253L, SN1250) or (TA253L)
	Horiz. Hold	25K	24-785, A ③	F1-25K, SNK104	A47-25K-S, RN-3, TT-2 or (NP-25K-S, NML-A-300, TT-2)	B11-120, TM4 or (BU11, CF11, SS6) *	RU253L, SL37, SN1250 or (UA253L, SN1250) or (TA253L)
R7	Tint	1200Ω	24-1014, A	F5-1500, SNF108	NP-1200-V, NMS-A-300, TT-2	B17-208, TM10 or (BU11, CF53, SS16, DC1) *	RU122R, SL37, SD1125 or (UA152R, SD1125) or (U5, DS37)
	Tint	1200Ω	24-732, A ③	F5-1500, SNF108	NP-1200-V, NMS-A-300, TT-2	B17-208, TM10 or (BU11, CF53, SS16, DC1) *	RU122R, SL37, SD1250 or (UA152R, SD1250) or (U5, DS37)
R8	Color	500Ω	24-1015, A	F1-500, SNF108	A47-500-S, RS-3/16, TT-2 or (NP-500-S, NMS-A-300, TT-2)	B11-103, TM10 or (BU11, CF4, SS16, DC1) *	RU52L, SL37, SD1125 or (UA52L, SD1125) or (TA52L, DS37)
	Color	500Ω	24-733, B ③	F1-500, SNF108	A47-500-S, RS-3/16, TT-2 or (NP-500-S, NMS-A-300, TT-2)	B11-103, TM10 or (BU11, CF4, SS16, DC1) *	RU52L, SL37, SF1250 or (UA52L, SD1250) or (TA52L, DS37)
R9	Chromix	1meg	24-1016, A ③	F1-1meg, SNF108	A47-1meg-S, RS-3/16, TT-2 or (NP-1meg-S, NMS-A-300, TT-2)	B11-137, TM10 or (BU11, CF17, SS16, DC1) *	RU16L, SL37, SD1125 or (UA16L, SD1125) or (TA16L, DS37)
R10	AGC	3000Ω, 2W	24-801, B	V-3000 ② or WN302	U39-3000 ② or (NPW-3000, NML-A-300, TT-2)	PI15R502A or (W11-112, SK5) or (BU1, WF7, SS9) *	MR3000T or (VW3K) or (C3MP)
R11	High Voltage Adjust	500K	24-618, A	TT-59 or (F1-500K, SNK010)	B47-500K-S or (NP-500K-S, UP-C-400, TT-2)	B11-133, TM4 or (BU11, CF17, SS6) *	PTA55L or (RU55L, SL37, SN281) or (UA55L, SN281)
R12	Color Killer	1meg	24-616, A	TT-69 or (F1-1meg, SNK010)	B47-1meg-S or (NP-1meg-S, NML-A-300, TT-2)	B11-137, TM4 or (BU11, CF17, SS6) *	PTA1254L or (RU16L, SL37, SN281) or (UA16L, SN281)
R13	Blue Drive	6000Ω	24-720, A	F1-7500, SNK104, AK-38	A47-7500-S, RN-3, TT-2 or (NP-7000-S, NML-A-300, TT-2)	B11-115, TM4 or (BU11, CF8, SS6) *	HVC63



CHASSIS - BOTTOM VIEW

SEARS SILVERTONE CHASSIS 456/528/  
529,72440 thru 455/560 thru 575, 528/529,72581

FOLDER 1

CIRCUIT BREAKER (AC) VIDEO PEAKING

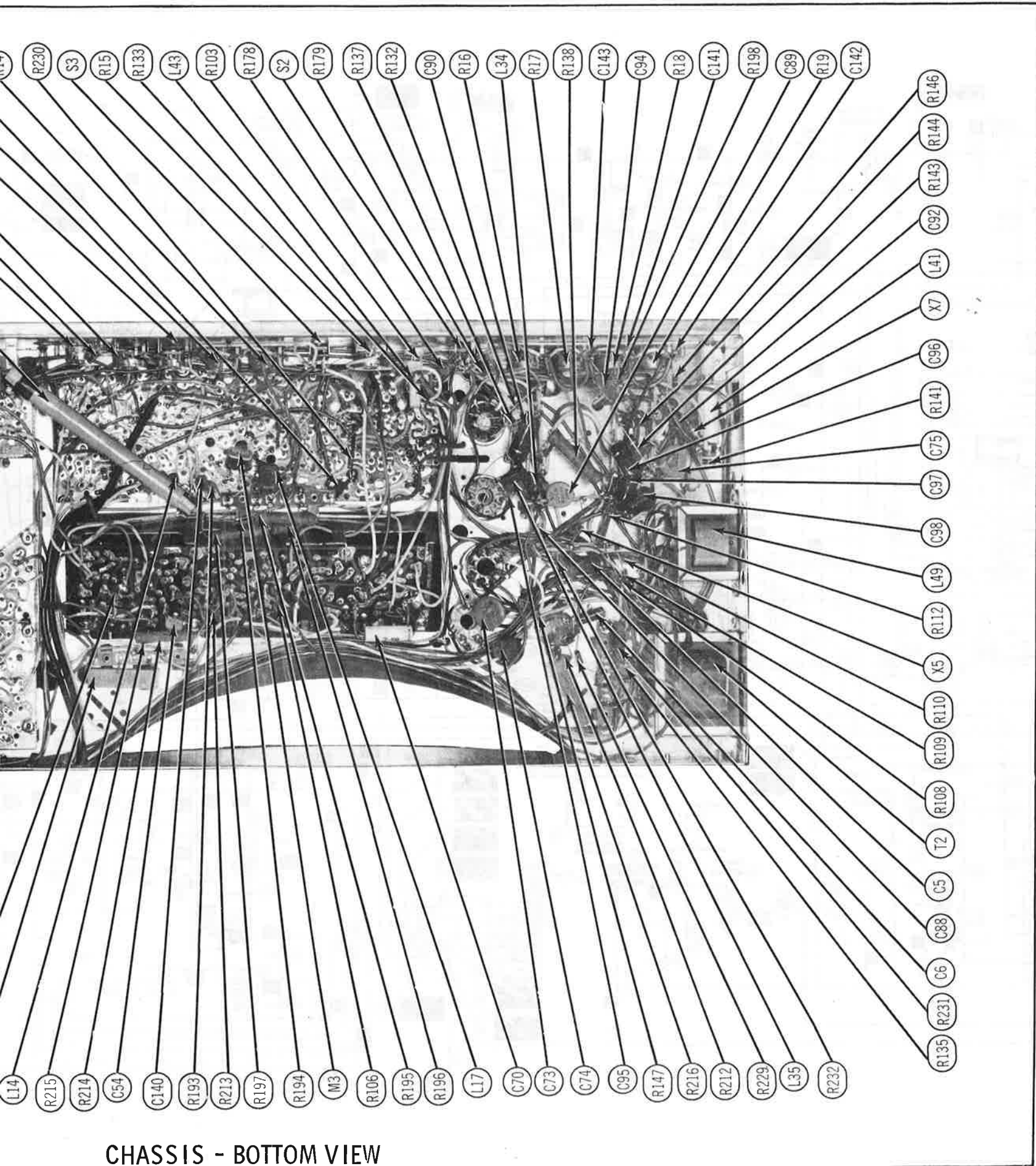
SERVICE HEIGHT SWITCH

#### CHASSIS REMOVAL

1. Remove 8 screws holding back cover, move back cover and all knobs.
2. Remove picture tube socket, high voltage convergence plug, degaussing coil plug.
3. Remove 5 screws holding tuners and 3 screws holding chassis, slide off special mounting bracket on the chassis.

DOUBLE

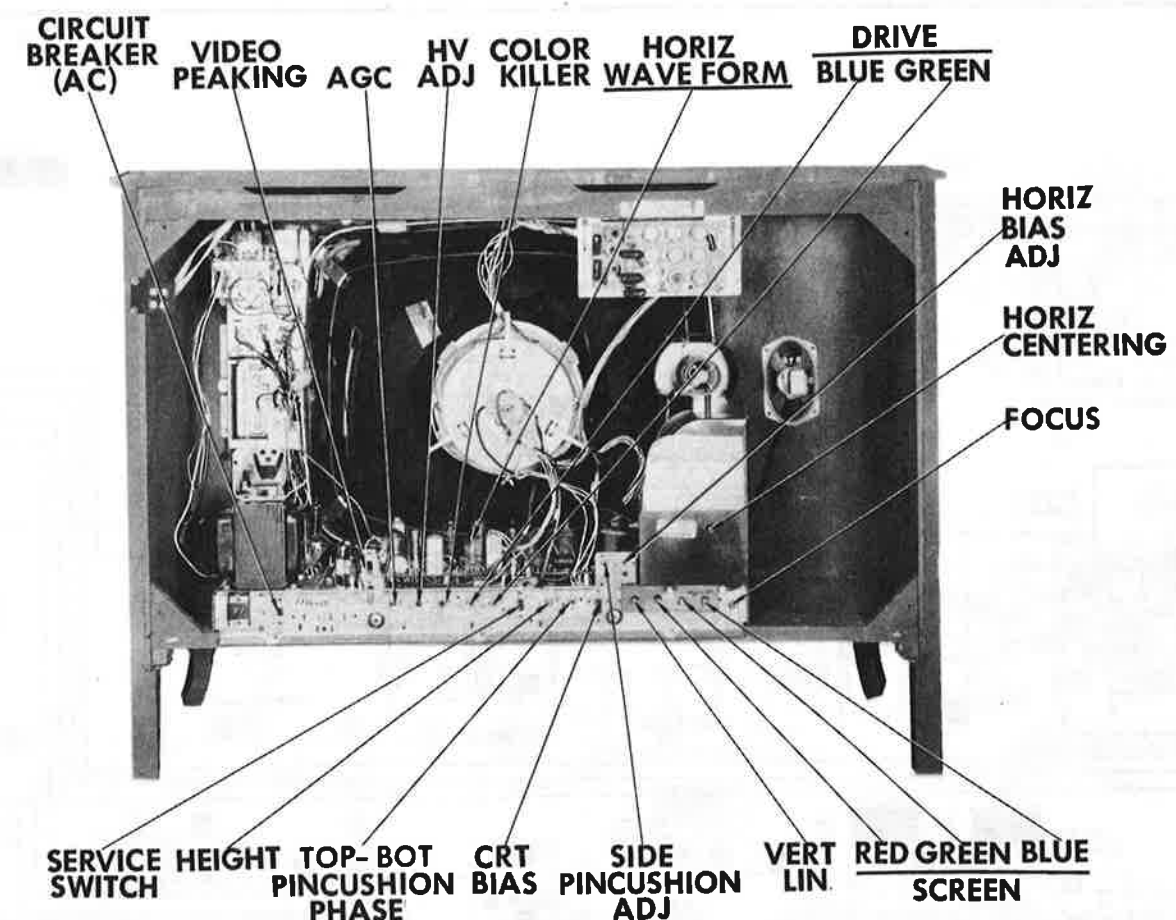




SEARS SILVERTONE CHASSIS 456/528/  
529,72440 thru 455/560 thru 575, 528/529,72581

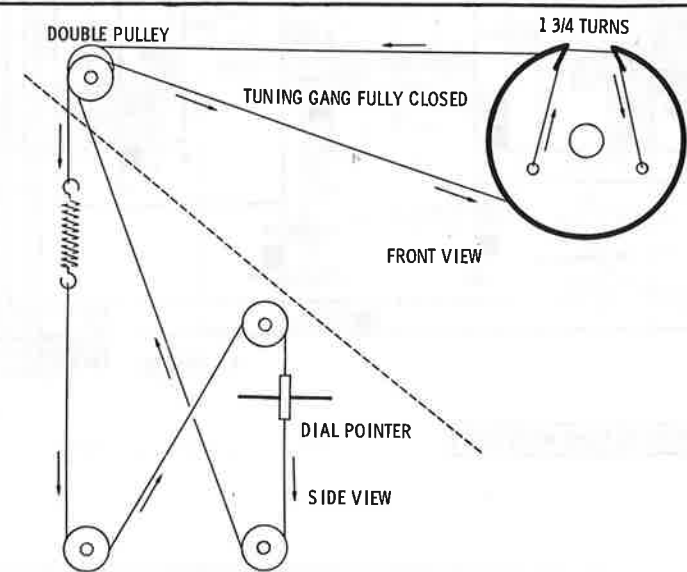
CHASSIS - BOTTOM VIEW

FOLDER 1



**CABINET-REAR VIEW  
DISASSEMBLY INSTRUCTIONS**

- | CHASSIS REMOVAL   | PICTURE TUBE REMOVAL  |
|---|---|
| <ol style="list-style-type: none"> <li>1. Remove 8 screws holding back cover and remove antenna leads. Remove back cover and all knobs.</li> <li>2. Remove picture tube socket, high voltage anode lead, yoke plug, convergence plug, degaussing coil plug, speaker leads, and ground strap.</li> <li>3. Remove 5 screws holding tuners and lay tuners on chassis. Remove 3 screws holding chassis, slide chassis out and remount tuners on special mounting bracket on the chassis.</li> </ol> | <ol style="list-style-type: none"> <li>1. Follow "Chassis Removal" procedure. Remove convergence magnets and yoke.</li> <li>2. Remove 4 screws holding degaussing coils and remove these coils.</li> <li>3. Remove 5 screws holding picture tube retaining wire. Lift picture tube out, but do not lift by the neck.</li> </ol> |



DIAL CORD STRINGING