



VOLUME CONTROL
ON-OFF SWITCH

VERT.
HOLD

HORIZ.
HOLD

CONTRAST

CHANNEL
SELECTOR

CORONADO
MODEL 43-8965

TRADE NAME	Coronado Model 43-8965		
SUPPLIER	Gamble-Skogmo Inc., 15 North 8th St., Minneapolis, Minn.		
TYPE SET	Television Receiver		
TUBES	Eighteen		
POWER SUPPLY	105-125 Volts AC or DC	RATING:	.97 Amp. @ 117 Volts AC
TUNING RANGE	Channels 2 thru 13		
INDEX			
Alignment Instructions	6,7	Photographs (continued)	
Block Diagram	13	High Voltage Supply	19
Parts List and Description	14,15,16	RF Tuner	10
Photographs		Resistor Identification	12,17
Cabinet-Rear View	7	Trans., Inductor & Alignment Identification	4,9
Capacitor Identification	11,18	Schematic	2
Chassis-Top View	3	Tube Placement Chart	5
		Voltage and Resistance Measurements	8

HOWARD W. SAMS & CO., INC. • Indianapolis 1, Indiana

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DATE 2-50

SET 86

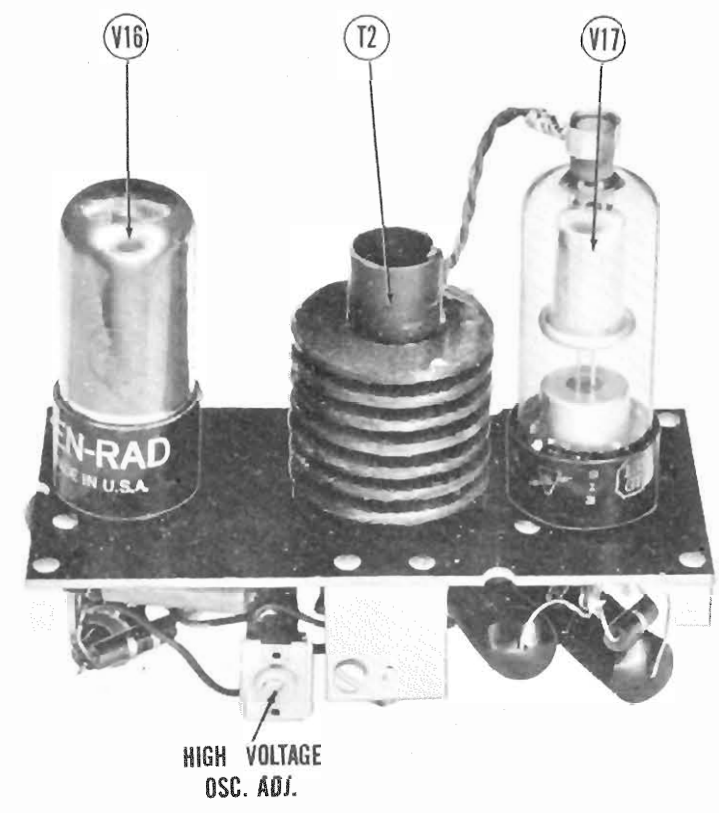
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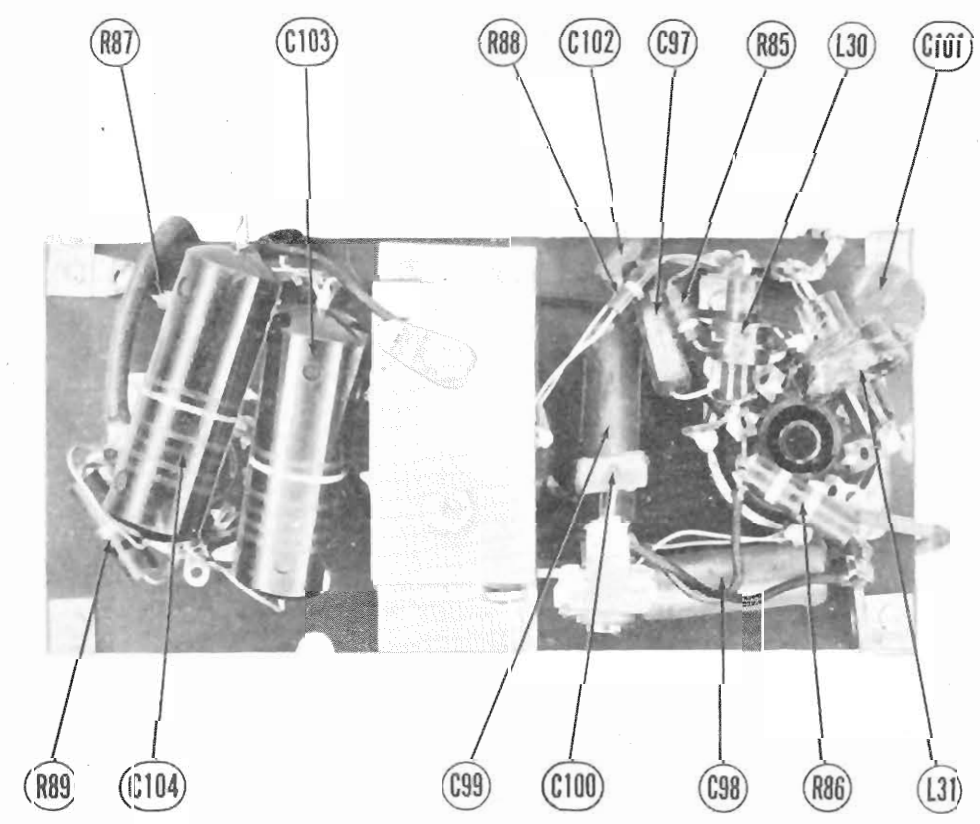
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TRADE NAME
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POWER SUPPLY
TUNING RANGE
Alignment
Block Diagram
Parts List
Photograph
Cabinet
Capacitors
Chassis

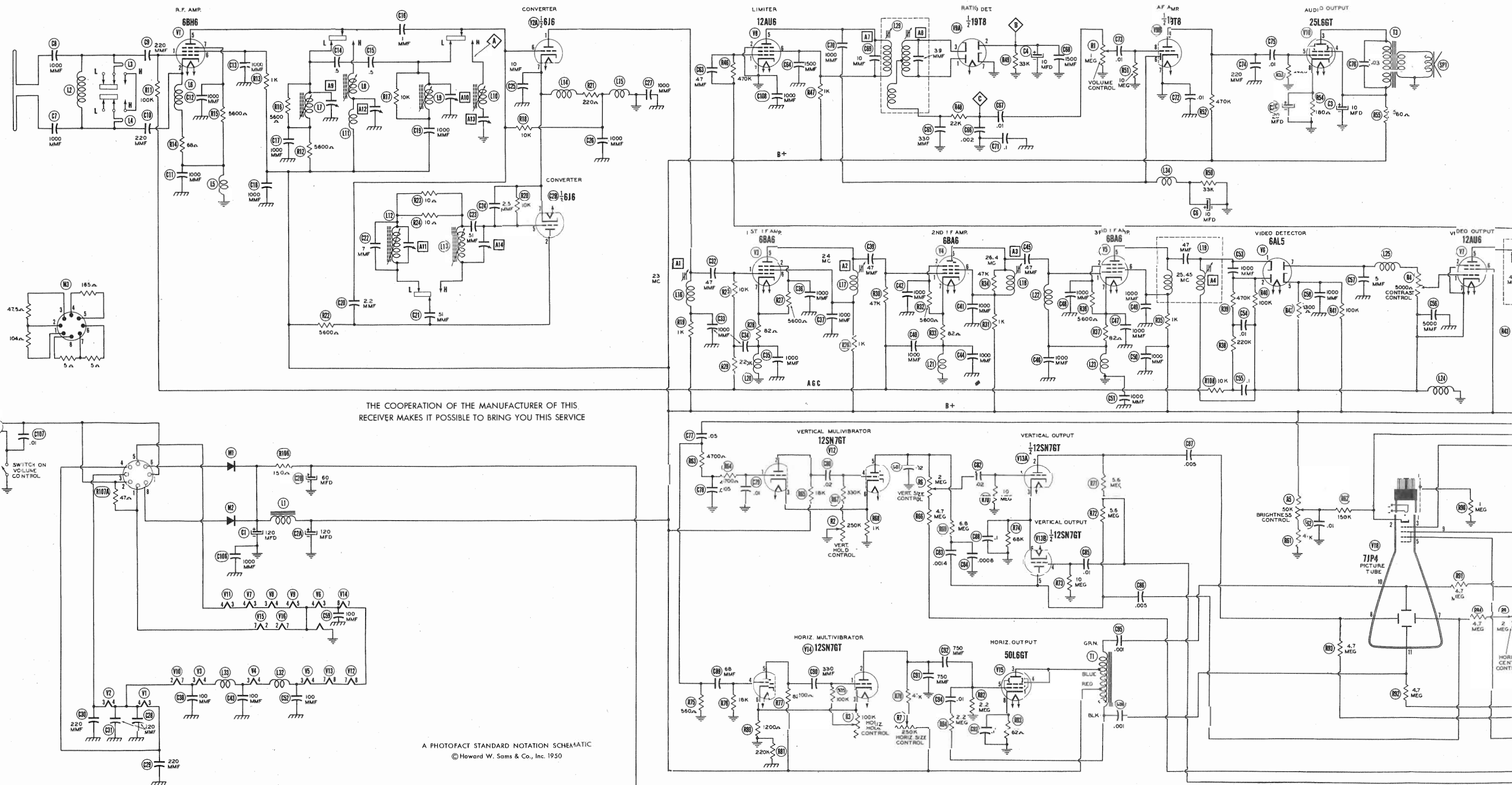
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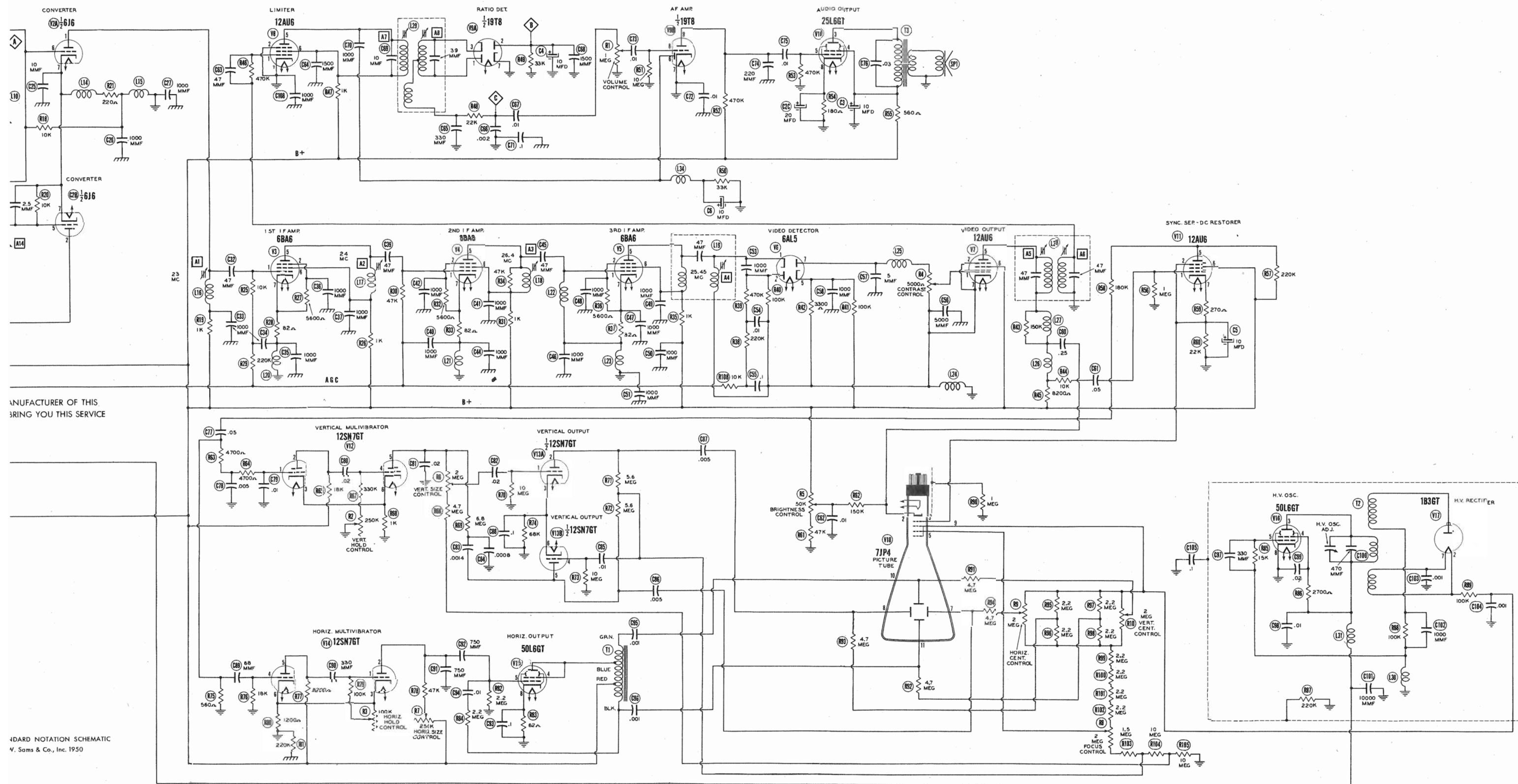


HIGH VOLTAGE SUPPLY - TOP VIEW



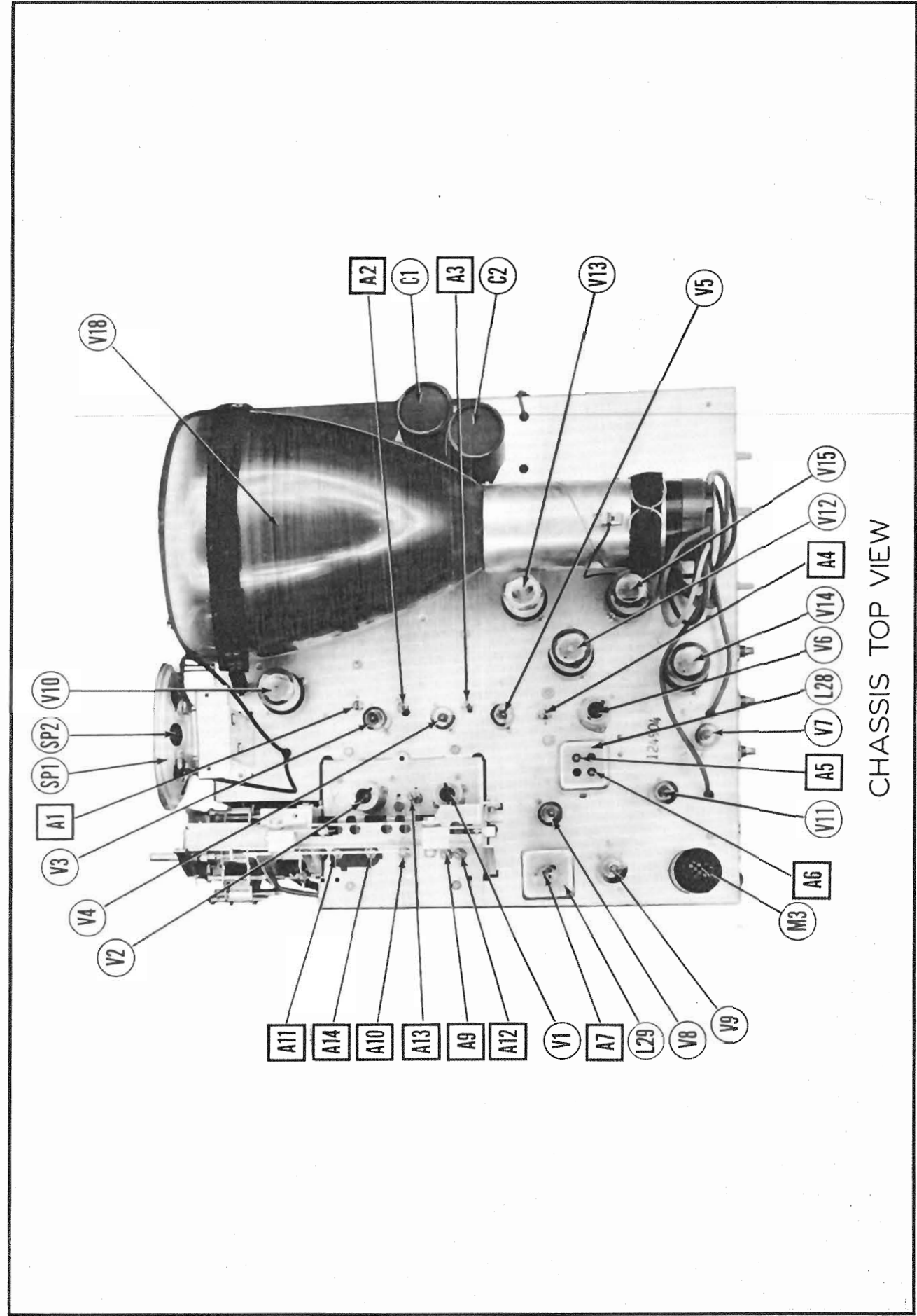
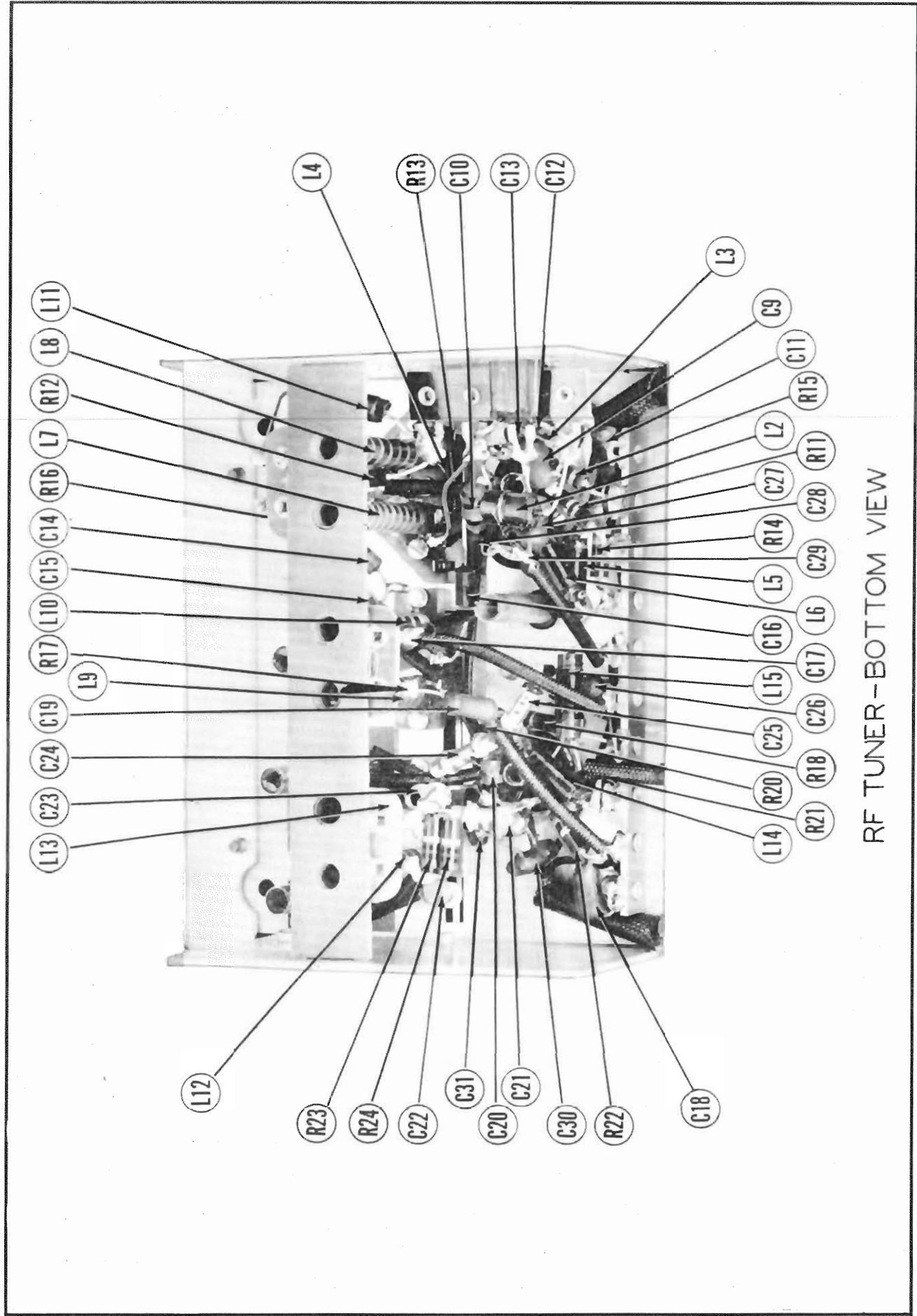
HIGH VOLTAGE SUPPLY - BOTTOM VIEW

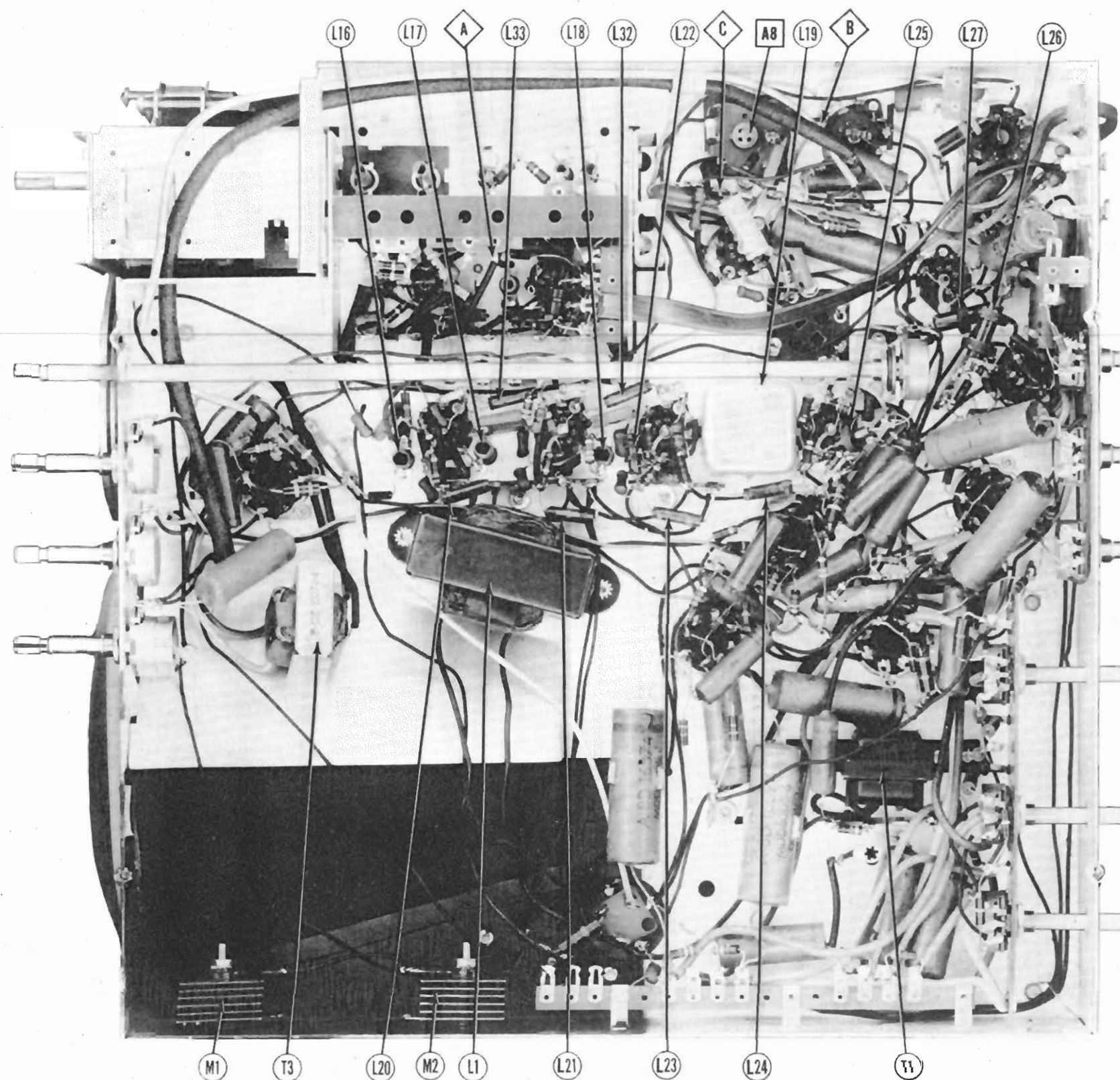




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STANDARD NOTATION SCHEMATIC
V. Sams & Co., Inc. 1950





CHASSIS BOTTOM VIEW-TRANS., INDUCTOR AND ALIGNMENT IDENTIFICATION

VOLTAGE AND RESISTANCE MEASUREMENTS

VOLTAGE READINGS													
Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9			
V 1	6BH6	-1.1VDC	.4VDC	85VAC	90VAC	100VDC	125VDC	0V					
V 2	6J6	1.25VDC	85VDC	95VAC	90VAC	0V	0V	2VDC					
V 3	6BA6	-1.1VDC	1.1VDC	85VAC	88VAC	115VDC	115VDC	1.1VDC					
V 4	6BA6	-1.1VDC	1.1VDC	85VAC	88VAC	115VDC	115VDC	1.1VDC					
V 5	6BA6	0V	1.7VDC	85VAC	45VAC	115VDC	115VDC	1.7VDC					
V 6	6AL5	0V	0V	12VAC	6VAC	4.2VDC	0V	-4VDC					
V 7	12AU6	0V	0V	35VAC	45VAC	40VDC	125VDC	0V					
V 8	12AU6	-1.4VDC	0V	35VAC	24VAC	115VDC	115VDC	0V					
V 9	19T8	-1.4VDC	-1.4VDC	90VAC	24VAC	6VAC	-1.6VDC	0V	-4VDC	45VDC			
V 10	25L6GT	0V	90VAC	95VDC	100VDC	0V	0V	65VAC	8VDC				
V 11	12AU6	0V	4.5VDC	45VAC	55VAC	87VDC	125VDC	4.5VDC					
V 12	12SN7GT	0V	80VDC	2.5VDC	2.5VDC	31VDC	2.5VDC	36VAC	24VAC				
V 13	12SN7GT	0V	205VDC	16VDC	0V	265VDC	16VDC	45VAC	36VAC				
V 14	12SN7GT	-1VDC	30VDC	4.2VDC	0V	105VDC	4.2VDC	24VAC	12VAC				
V 15	50L6GT	0V	60VAC	125VDC	125VDC	-9.2VDC	0V	110VAC	1VDC				
V 16	50L6GT	0V	60VAC	130VDC	100VDC	13.5 VDC	0V	6VAC	0V				
V 17	1B3GT	* DO NOT MEASURE											
* Do Not Measure.													
* STAKEN WITH VACUUM TUBE VOLTMETER													
PINS		1	2	3	4	5	6	7	8	9	10	11	14
V18	7JP4	6VAC	120VDC	4.5VDC	0V	0V	0V	0V	0V	0V	0V	0V	0V

RESISTANCE READINGS									
Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
V 1	6BH6	900KΩ	68Ω	42Ω	38Ω	15.5KΩ	1100Ω	5.6KΩ	Pin 9
V 2	6J6	1100Ω	15.5KΩ	38Ω	38Ω	10KΩ	10KΩ	220Ω	
V 3	6BA6	1 Meg.	5.6KΩ	31Ω	31Ω	1100Ω	1100Ω	82Ω	
V 4	6BA6	850KΩ	5.6KΩ	30Ω	28Ω	1100Ω	1100Ω	82Ω	
V 5	6BA6	3Ω	5.6KΩ	27Ω	24Ω	1100Ω	1100Ω	82Ω	
V 6	6AL5	1.5Ω	100KΩ	4.5Ω	1.5Ω	3.3KΩ	1100Ω	5KΩ	
V 7	12AU6	7Ω	1.5Ω	28Ω	36Ω	18.2KΩ	163Ω	1.5Ω	
V 8	12AU6	470KΩ	0Ω	28Ω	19Ω	1100Ω	1100Ω	0Ω	
V 9	19T8	Inf.	33KΩ	Inf.	19Ω	1.5Ω	33KΩ	0Ω	10 Meg.
V 10	25L6GT	Inf.	37Ω	180Ω	162Ω	470KΩ	0Ω	33Ω	180Ω
V 11	12AU6	1 Meg.	22KΩ	38Ω	44Ω	1220KΩ	163Ω	22.2KΩ	
V 12	12SN7GT	10KΩ	118KΩ	100Ω	35KΩ	17 Meg.	100Ω	20Ω	13Ω
V 13	12SN7GT	10 Meg.	25.6 Meg.	68KΩ	10 Meg.	25 Meg.	68KΩ	24Ω	20Ω
V 14	12SN7GT	100KΩ	150KΩ	1.2KΩ	18KΩ	18.2KΩ	1.2KΩ	13Ω	4.5Ω
V 15	50L6GT	Inf.	40Ω	110Ω	110Ω	2.2 Meg	0Ω	68Ω	6Ω
V 16	50L6GT	Inf.	40Ω	115Ω	12.7KΩ	15KΩ	Inf.	1.5Ω	0Ω
V 17	1B3GT	Inf.	Inf.	Inf.	Inf.	Inf.	Inf.	Inf.	TOP CAP 100KΩ
PINS 1 2 3 4 5 6 7 8 9 10 11 14									
V18	7JP4	1.5Ω	118KΩ	22KΩ	Inf.	25 Meg.	Inf.	40 Meg.	40 Meg.

† Measured From Output Of V1.

1. DC Voltage measurements are of 20,000 ohms per volt; AC Voltage measured at 1,000 ohms.

2. Pin numbers are counted in a clockwise direction on bottom of socket.

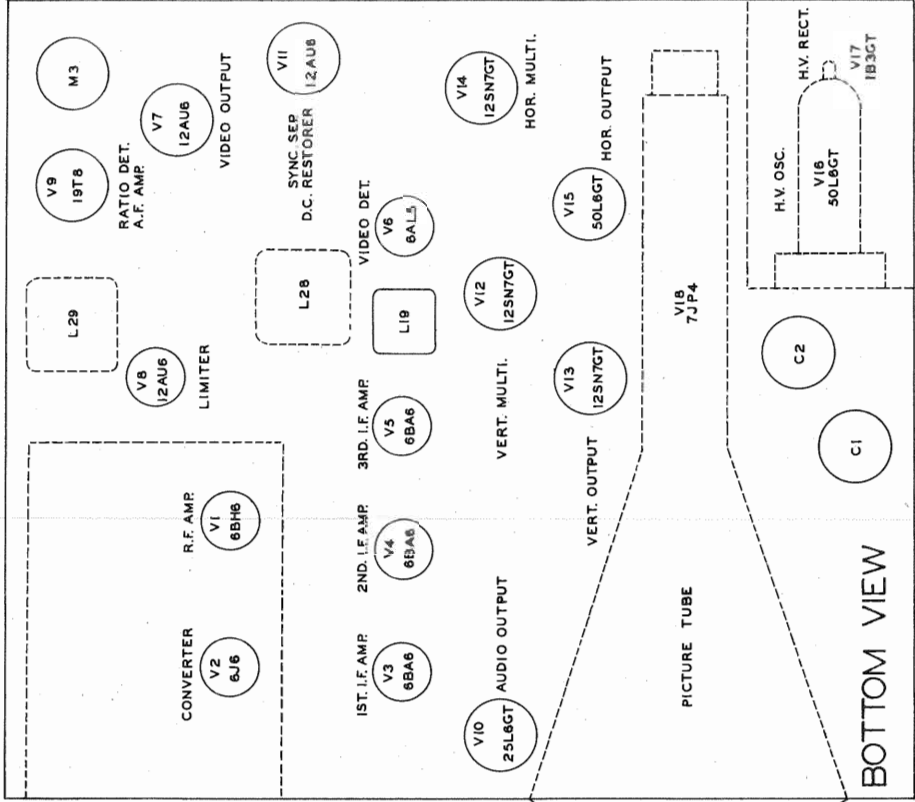
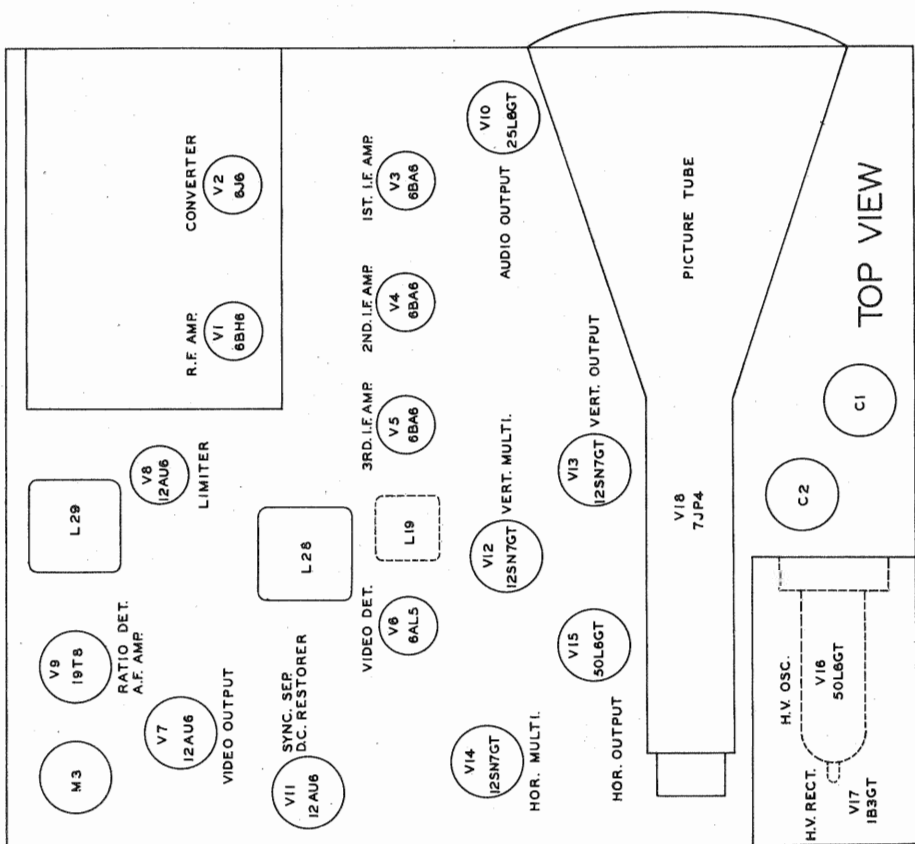
3. Measured values are from socket pin to common negative unless otherwise stated.
4. Line voltage maintained at 117 volts for voltage readings.

5. Front panel controls set at minimum.

6. Where readings may vary according to the setting of the service controls, both minimum and maximum readings are given.

TUBE PLACEMENT CHART

CORONADO
MODEL 43-8965



ALIGNMENT INSTRUCTIONS

PRE-ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT

Alignment of this receiver may be performed without removal of the picture tube or disabling the high voltage supply. When the receiver is placed on its side, care must be exercised not to damage the picture tube or to come in contact with the high voltage leads.

VIDEO IF ALIGNMENT

Alignment point A, where the IF signal is injected is accessible thru the large hole in the tuner shield on the underside of the tuner.

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	CHANNEL	CONNECT VTVM	ADJUST	REMARKS
1. 47MF	High side thru 47MF to Point A. Low side to chassis.	23.0MC	9	Across contrast control (R4)	A1	Adjust for maximum deflection.
2. 47MF	"	24.0MC	"	"	A2	"
3. 47MF	"	26.4MC	"	"	A3	"
4. 47MF	"	28.45MC	"	"	A4	"

OVERALL VIDEO IF RESPONSE CHECK

Connect the synchronized sweep voltage from the signal generator to the horizontal input of the oscilloscope for horizontal deflection.

DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
5. 47MF	High side to Point A. Low side to chassis.	24MC (10MC Sweep)	26.75MC 22.25MC	9	Across contrast control (R4) with 10KΩ in series with Vert. Amp. lead. Shunt vertical input terminals with .001MFD capacitor.		If necessary, slightly retouch A1, A2, A3, A4 for proper response curve and placement of markers as per Fig 1.

SOUND IF ALIGNMENT

Short the antenna leads during alignment of the ratio detector circuit so extraneous noise pulses will not give erratic indications on the oscilloscope.

DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
6. .01MFD	Across contrast control (Control fully on)	4.5MC (1MC Sweep)	4.5MC	9	Vert. Amp. to Point A. Low side to B-.	A5,A6	Disconnect stabilizer cap (C4). Adjust for maximum amplitude and symmetry as per Fig 2.
7. .01MFD	"	"	"	"	Vert. Amp. to Point A. Low side to B-.	A7,A8	Reconnect stabilizer cap. Adjust A7 so 4.5MC marker is at center of pattern as per Fig 3. Adjust A8 for maximum amplitude and straightness of diagonal line.

TUNER ALIGNMENT

Pre-set the tuner cores and trimmers as indicated in Figures 4 and 5 before attempting alignment of the tuner. If Fig. 5, the dimensions given are the distance from the screw head shoulder to chassis.

When making the adjustments of the station selector screws do not force the screw at any time. The "in" position is reached when the black shuttle bar holding the core slugs reaches the top limit of its travel. It is possible to force the screw in farther than this point but this results in jamming the tuner.

DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
8. Two 125Ω carbon res.	Across antenna terminals with 125Ω resistor in each generator lead.	Approx. 35MC (10MC Sweep)	Off	6	Across contrast control (R4) with 10KΩ in Vert. Amp. lead. Shunt vert. input terminals with .001MF capacitor.	A9,A10	Turn channel 5 station selector screw 1 full turn from its maximum "in" position. Adjust A9 and A10 for maximum amplitude and symmetry as per Fig 6.
9. "	"	"	63.25MC	"	"	A11	Adjust A11 so marker is 50% down on the low frequency slope on curve. If necessary, repeat step 8.
10. "	"	Approx. 75MC (10MC Sweep) Approx. 69MC (10MC Sweep) Approx. 63MC (10MC Sweep)	77.25MC 67.25MC 61.25MC	5 4 3	"		Check the response on all low band channels. It may be necessary to forfeit some of the response on one channel to improve that of another by slight retouching of A9 and A10.
11. "	"	Approx. 57MC (10MC Sweep)	55.25MC	2	"		If it is possible to move video marker to 50% point on the curve by the station-selector screw (with screw at least 2 turns from its maximum "out" position) the low band is properly aligned.

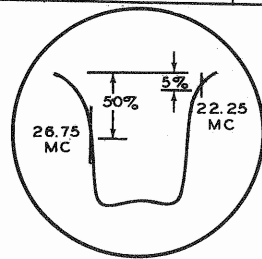


FIG. 1

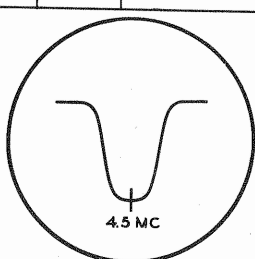


FIG. 2

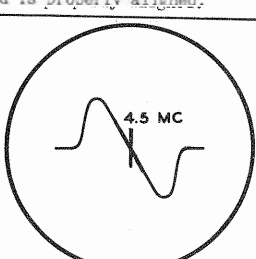


FIG. 3

DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
12. "	"	Approx. 213MC (10MC Sweep)	Off	13	"	A12, A13	Turn channel 13 station selector screw 3/4 turn from its maximum "in" position. Adjust A12 and A13 for maximum amplitude and symmetry as per Fig 6.
13. "	"	"	211.25MC	"	"	A14	Adjust A14 so marker is 50% down on the low frequency slope on curve. If necessary, repeat step 12.
14. "	"	Approx. 207MC (10MC Sweep) Approx. 201MC (10MC Sweep) Approx. 195MC (10MC Sweep) Approx. 189MC (10MC Sweep) Approx. 183MC (10MC Sweep) Approx. 177MC (10MC Sweep)	206.25MC 199.25MC 193.25MC 187.25MC 181.25MC	12 11 10 9 8	"		Check response on all high band channels. If necessary, retouch A12 and A13 for compromise to give best overall response curve.
15. "	"	Approx. 177MC (10MC Sweep)	175.25MC	7	"		If it is possible to move video carrier marker to 50% point on response curve by adjustment of channel 7 station-selector screw (screw at least one full turn in from its maximum "out" position), the high band is properly aligned.

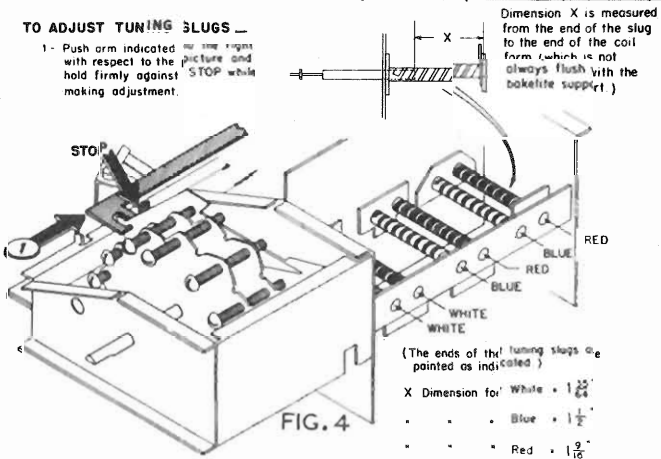


FIG. 4

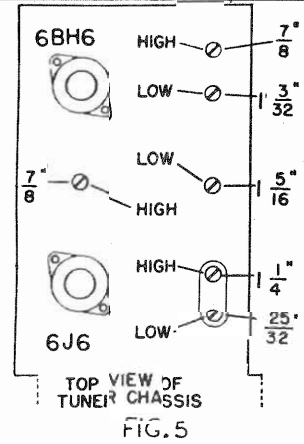


FIG. 5

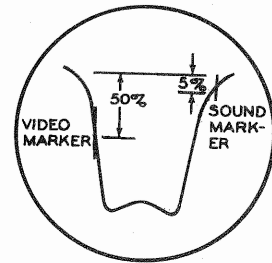
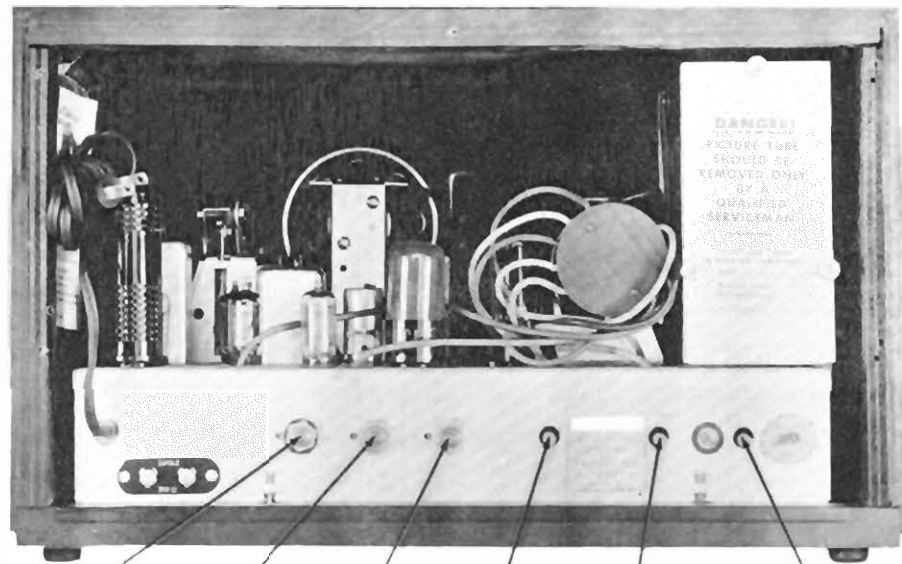


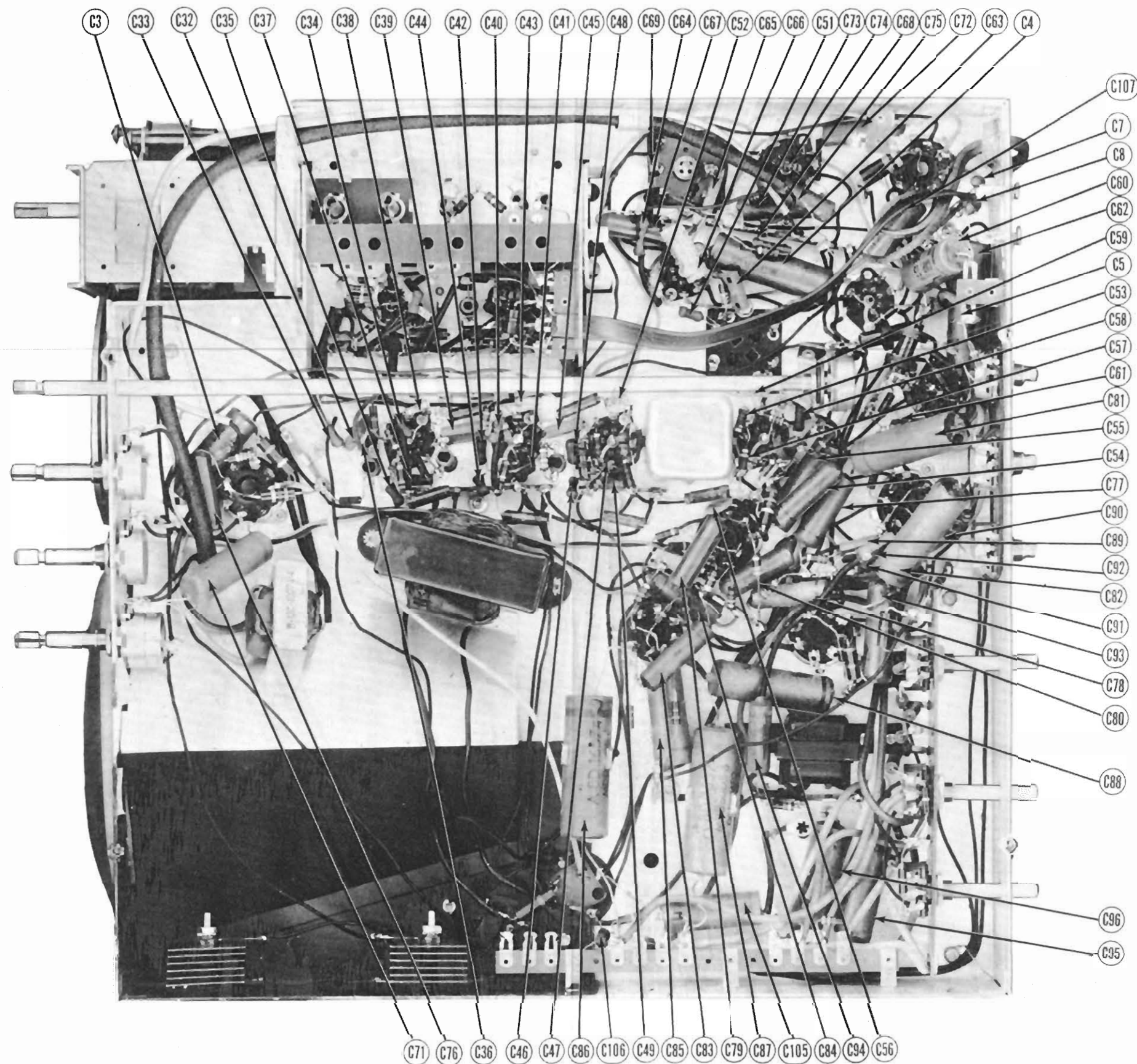
FIG. 6



BRIGHTNESS VERT. SIZE HORIZ. SIZE FOCUS HORIZ. CENT. VERT. CENT. CONT. CONT. CONT. CONT. CONT. CONT.

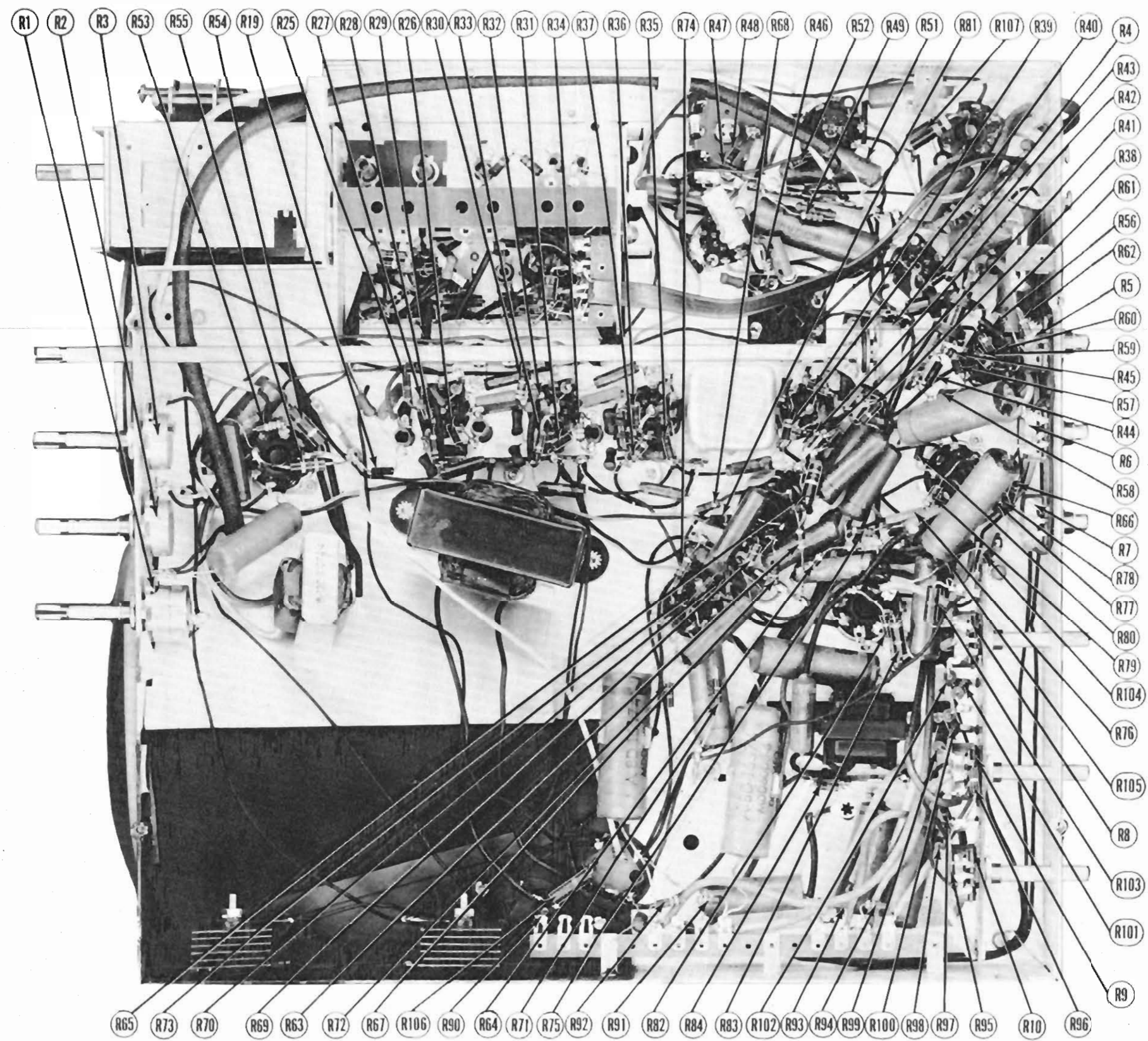
CABINET-REAR VIEW

CORONA
MODEL 43-8965



CHASSIS BOTTOM VIEW-CAPACITOR IDENTIFICATION

CCRONADO
MODEL 43-8965



CHASSIS BOTTOM VIEW-RESISTOR IDENTIFICATION

CORONADO
MODEL 43-8965

PARTS LIST AND DESCRIPTIONS (Continued)

SPEAKER

ITEM No.	RATING		REPLACEMENT DATA			NOTES
	FIELD RES.	V. C. IMP.	CORONADO PART No.	JENSEN PART No.	QUAM PART No.	
SP1	PM	3.52	B-18A-15618	ST-1131 MOD.P4-X	4A071	1 Trim flange and mounting bracket.
SP2	CONE DIA. 3 7/8"	V. C. DIA. 9/16"				

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA				INSTALLATION NOTES
	TOTAL DIRECT CURRENT	D. C. RESISTANCE	INDUCTANCE (0 CURRENT 1000 μ)	CORONADO PART No.	STANCOR PART No.	CHICAGO PART No.	MERIT PART No.	
LI	.185A	63 Ω	2.6Henries	C-16A18624	C-2335	TR-4225	C-29914	* Drill one new mounting hole.

COILS (RF-IF)

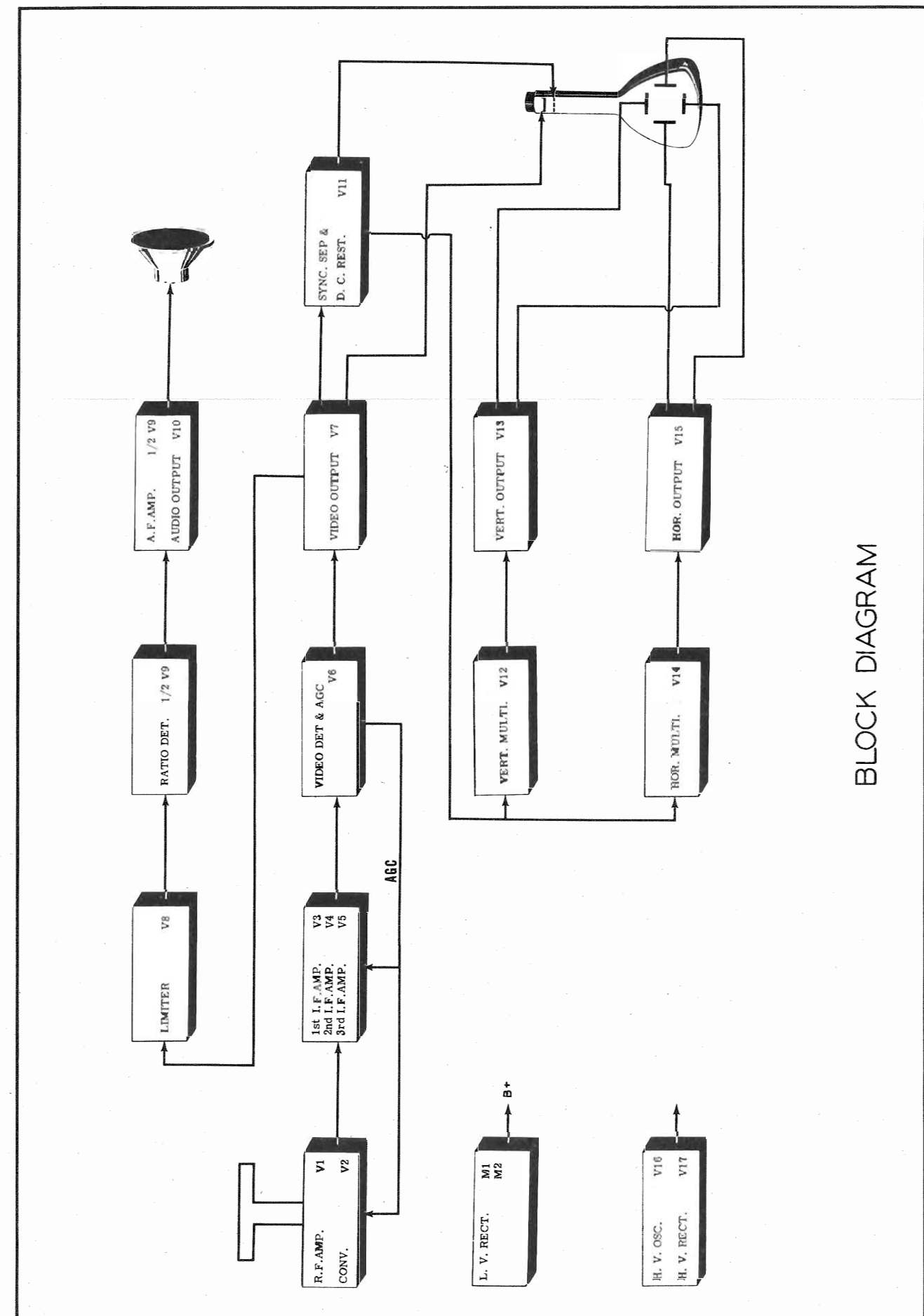
ITEM No.	USE	DC RES.		REPLACEMENT DATA		NOTES
		PRI.	SEC.	CORONADO	MEISSNER	
				PART No.	PART No.	
L2	Ant. Coil	.02		A-201-15676		Consists of No. 18 straight, bare, tinned copper wire. Consists of No. 18 straight, bare, tinned copper wire.
L3	High Band Antenna	.02				
L4	Low Band Antenna	.02				
L5	RF Choke	.22		A-16A-16637		
L6	RF Choke	.22		A-16A-16637		
L7	Low Band RF	.02		B-13E-12045		
L8A	High Band					
B	High Band	.02		A-201-15676		Uses core with green end.
	High Band	.02		B-13D-12155		Uses core with red end.
L9	Low Band RF	.02		B-13E-12045		
L10A	High Band	.02		A-201-15676		Uses core with green end.
B	High Band	.02		B-13D-12155		Uses core with red end.
L11	RF Choke	.22		A-16A-16637		
L12	Low Band Osc.	.02		B-13D-12155		
L13	High Band Osc.	.02		A-13D-12045		
L14	RF Choke	.22		A-16A-16637		
L15	RF Choke	.22		A-16A-16637		
L16	1st IF	.12		B-201-15612		
L17	2nd IF	.12		B-201-15612		
L18	3rd IF	.12		B-201-15612		
L19	4th IF	.12		B-201-15945		
L20	RF Choke	1.52		A-16A-16637		
L21	RF Choke	1.52		A-16A-16637		
L22	RF Choke	1.52		A-201-15608		
L23	RF Choke	1.52		A-16A-16637		
L24	RF Choke	1.52		A-16A-16637		
L25	Peaking	7.22		A-201-16170		
L26	Peaking	.222		A-201-16172		
L27	Peaking	.92		A-201-16171		
L28	Sound Take-Off Trans.	.52	.52	C-201-16155		
L29	Ratio Det. Trans.	.42	.52	C-201-15717		
L30	RF Choke	24.52		A-201-15556		
L31	RF Choke	202		B-16A-13524		
L32	Fill. Choke	1.52		A-16A-16637		
L33	Fill. Choke	1.52		A-16A-16637		
L34	RF Choke	.02		A-201-16379		
L35	Fill. Choke	1.52		A-16A-16637		Not used in all models.

SELENIUM RECTIFIER

ITEM No.	RATING	REPLACEMENT DATA			NOTES
	CURRENT	CORONADO PART No.			
M1	.105A	B-21J-15661			
M2	.105A	B-21L-15661			

MISCELLANEOUS

ITEM No.	PART NAME	CORONADO PART No.	NOTES
M3	Ballast Tube	B-2M-15822	
	Iron Core	A-51A-16693	For L19
	Knob	B-5B-15759-57	For station selector
	Knob	B-5B-15782-57	For contrast, Hor. Hold, Vert. Hold and on-off vol.
	Safety Glass	C-30M-15906	
	Iron Core	A-51A-15713	For L12 and L13
	Iron Core	A-51A-15714	For L8 and L10 having green end.
	Iron Core	A-51A-16391	For L8 and L10 having red end.
	Iron Core	A-51A-15715	For L7 and L9
	Core Mounting Clip	A-2M-16276	



CORONADO
MODEL 43-8965

PARTS LIST AND DESCRIPTIONS

CAPACITORS (CONT.)

TUBES (SYLVANIA or Equivalent)				
ITEM No.	USE	REPLACEMENT DATA		NOTES
		CORONADO PART No.	STANDARD REPLACEMENT	
V1	RF Amp.	6BH6	6BH6	7CM
V2	Converter	6J6	6J6	7E
V3	1st Video IF	6BA6	6BA6	7E
V4	2nd Video IF	6BA6	6BA6	7E
V5	3rd Video IF	6BA6	6BA6	7E
V6	Detector	6AL5	6AL5	7E
V7	Video Output	12AU6	12AU6	7E
V8	Limiter	12AU6	12AU6	7E
V9	Ratio Det.-AF Amp.	19T8	19T8	9E
V10	Audio Output	25L6GT	25L6GT	7AC
V11	Sync. Sep.-DC Rest.	12AU6	12AU6	7E
V12	Vert. Multi-vibrator	12SN7GT	12SN7GT	8BD
V13	Vert. Output	12SN7GT	12SN7GT	8BD
V14	Hor. Multi-vibrator	12SN7GT	12SN7GT	8BD
V15	Hor. Output	12SN7GT	12SN7GT	8BD
V16	NV Osc.	50L6GT	50L6GT	7AC
V17	NV Rectifier	18X6T	18X6T	3C
V18	Picture Tube	7JP4	7JP4	14G

CAPACITORS

Capacity values given in the rating column are in mfd. for Electrolytic and Paper Capacitors, and in mmfd. for Mica and Ceramic Capacitors.

ITEM No.	RATING CAP. VOLT	REPLACEMENT DATA					IDENTIFICATION CODES AND INSTALLATION NOTES
		CORONADO PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	ERIE PART No.	SPRAGUE PART No.	
C1	120 150	B-8H-15664	AFR24D				Filter
C2A	120 150	B-9C-15948	AFR24D12DA	UP 55515C			Filter
B 80	150						Filter
C3	10 150	A-8C-11495	FRS150/12	HR1015			UT-121 Output Cathode Bypass
C4	10 50	A-8C-12132	FRS50/10	HR105			UT-121 Output Decoupling
C5	10 50	A-8C-12132	FRS50/10	HR105			UT-121 Stabilizing Cap
C6	10 150	A-8C-11495	FRS150/12	HR1015			UT-121 V. Amp. Cath. Bypass
C7	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	Ant. Coupling
C8	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	Ant. Coupling
C9	220	C-8G-16045			GF2K-200		RF Coupling
C10	220	C-8G-16045			GF2K-200		RF Coupling
C11	1000	C-8G-13201			GF2L-001		RF Bypass
C12	1000	C-8G-13201			GF2L-001		RF Supp. Bypass
C13	1000	C-8G-13201			GF2L-001		RF Screen Bypass
C14	5	A-8G-12495	-7				RF Coupling
C15	5	A-8G-12495	-7				RF Coupling
C16	1	A-8G-12495	-2				RF Coupling
C17	1000	C-8G-13201			GF2L-001		RF Plate Dec.
C18	1000	C-8G-13201			GF2L-001		RF Bypass
C19	1000	C-8G-13201			GF2L-001		RF Bypass
C20	2.2	A-8G-12495	-4				Sec. Coupling
C21	51	C-8G-11891					Osc. Feedback
C22	7	C-8G-15224					Fixed Trimmer
C23	51	C-8G-11891					Osc. Grid Cap
C24	2.5	C-8G-18737					Osc. Feedback
C25	10	C-8G-11789					Osc. Feedback
C26	1000	C-8G-13201			GF2L-001		RF Bypass
C27	1000	C-8G-13201			GF2L-001		RF Bypass
C28	220	C-8G-16045			GF2K-200		RF Fil. Bypass
C29	220	C-8G-16045			GF2K-200		RF Fil. Bypass
C30	220	C-8G-16045			GF2K-200		Conv. Fil. Bypass
C31	220	C-8G-16045			GF2K-200		Conv. Fil. Bypass
C32	47	C-8G-109	1468-00005	5WQ5	GF1K-80	1FM-45	IF Coupling
C33	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	Conv. Plate Dec.
C34	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	AGC Filter
C35	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	RF Bypass
C36	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	1st IF Supp. Bypass *
C37	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	1st IF Decoupling
C38	100	C-8G-11734	1468-0001	5WQ1	GF1K-100	1FM-31	1st IF Fil. Bypass
C39	47	C-8G-109	1468-00005	5WQ5	GF1K-80	1FM-45	IF Coupling
C40	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	AGC Filter
C41	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	2nd IF Decoupling
C42	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	2nd IF Supp. Bypass *
C43	100	C-8G-11734	1468-0001	5WQ1	GF1K-100	1FM-31	2nd IF Fil. Bypass
C44	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	RF Bypass
C45	47	C-8G-109	1468-00005	5WQ5	GF1K-80	1FM-45	IF Coupling
C46	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	RF Bypass
C47	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	3rd IF Cath. Bypass
C48	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	3rd IF Supp. Bypass *
C49	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	3rd IF Decoupling
C50	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	RF Bypass
C51	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	RF Bypass
C52	100	C-8G-11734	1468-0001	5WQ1	GF1K-100	1FM-31	3rd IF Fil. Bypass
C53	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	IF Coupling
C54	.01	C-8D-11738	P488-01	GT2S1	GF2-335-01	TM-11	AGC Filter
C55	.1	C-8D-10771	P288-1	GT2P1			AGC Filter
C56	5000	A-8G-13962	1467-005	1WSD15	GF2M-005	1FM-25	RF Bypass
C57	5	C-8G-12166	1468-000005	5WQ5	GF1K-80	1FM-45	V Diode Filter
C58	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	DAGC Decoupling
C59	100	C-8G-11734	1468-0001	5WQ1	GF1K-100	1FM-31	V DET-AGC Fil. Bypass
C60	.25	C-8D-10775	P488-05	GT2P25			Video Coupling
C61	.05	C-8D-10770	P288-05	GT2S5			Video Coupling
C62	.01	C-8D-11738	P488-01	GT2S1	GF2-335-01	TM-11	Pic Tube Cath. Dec.
C63	47	C-8G-109	1468-00005	5WQ5	GF1K-80	1FM-45	S. IF Coupling
C64	5000	C-8G-11731	1467-0015	1WSD15	GF2L-0015	1FM-215	S. IF Decoupling
C65	500	C-8G-1119	1468-0003	5WQ3	GF2K-300	1FM-330	Diode Load Cap
C66	.002	C-8D-10778	P688-002	GT2D2	GF2M-002	TM-22	De-emphasis
C67	.01	C-8D-11738	P488-01	GT2S1	GF2-335-01	TM-11	Audio Coupling

RESISTORS (CONT.)

ITEM No.	RATING CAP. VOLT	REPLACEMENT DATA					IDENTIFICATION CODES AND INSTALLATION NOTES
		CORONADO PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	ERIE PART No.	SPRAGUE PART No.	
C68	1500	C-8G-11731	1467-0015	1WSD15	GF2L-0015	1FM-215	RF Bypass
C69	10	C-8G-10760	P488-1	GT2S1	GF2-335-01	TM-11	Fixed Trimmer *
C70	1000	C-8G-13201	1468-001	1WSD1	GF2L-001	1FM-21	S. IF Coupling *
C71	.01	C-8D-10760	P488-1	GT2S1	GF2-335-01	TM-11	Line Isolation
C72	.01	C-8D-11738	P488-01	GT2S1	GF2-335-01	TM-11	Line Isolation
C73	.01	C-8D-11738	P488-01	GT2S1	GF2-335-01	TM-11	Audio Coupling
C74	.20	C-8G-11738	1468-00025	5WQ25	GF2K-250	1FM-325	AF Plate Bypass
C75	.01	C-8D-11738	P488-01	GT2S1	GF2-335-01	TM-11	Audio Coupling
C76	.03	C-8D-10962	P488-03	GT4S3			Output Plate Bypass
C77	.05	C-8D-10770	P288-05	GT2S5			Sync. Coupling
C78	.005	C-8D-10935	P688-005	GT6D5	GP2M-005	TM-25	Integrator Net
C79	.01	C-8D-11738	P488-01	GT6S1	GP2-335-01	TM-11	Integrator Net
C80	.02	C-8D-11304	P1688-02	GT16S2			Vert. Mult. Feedback
C81	.02	1600	P1688-02	GT16S2			Vert. Discharge
C82	.02	1600	P1688-02	GT16S2			Vert. Coupling
C83	.0014	1600	P1688-0015				Voltage Divider
C84	.0006	1600					Voltage Divider *
C85	.01	1600					Vert. Coupling
C86	.005	6000	B-8D-13549	7584-005			Vert. Coupling
C87	.005	6000	B-8D-13549	7584-005			Vert. Coupling
C88	.1	600	C-8D-10963	P688-1			Vert. Output Cath. Byp.
C89	.5	500	C-8F3-111				Hor. Sync. Coupling
C90	.5	500	C-8F3-119				Hor. Mult. Feedback
C91	.75	500	C-8F3-246	1469-00075			Hor. Discharge
C92	.75	500	C-8F3-246	1469-00075			Hor. Coupling
C93	.1	200	C-8D-10771	P288-1	GT2P1		Hor. Output Cath. Byp.
C94	.01	200	C-8D-11738	P488-01	GT2S1	GF2-335-01	Hor. Feedback
C95	.001	6000	B-8D-13523	7584-001			Hor. Coupling
C96	.001	6000	B-8D-13523	7584-001			Hor. Coupling
C97	.30	500	C-8F3-119				NV Osc. Grid Cap
C98	.01	200	C-8D-11738	P488-01	GT2S1	GF2-335-01	NV Osc. Decoupling
C99	.02	200	C-8D-11304	P488-02	GT2S2		NV Screen Byp.
C100	.47	500	C-8F3-121	1469-0005	5WQ5		Fixed Trimmer
C101	.00000		A-8G-16019	P488-01	GT4S1	GF2-335-01	RF Bypass
C102	.000		C-8G-13201	1468-001	1WSD1	GF2L-001	RF Bypass
C103	.001	6000	B-8D-13523				RF Filter
C104	.001	6000	B-8D-13523				RF Filter
C105	.1	400	C-8D-10760	P488-1	GT4P1	TM-11	NV Power Supply Isol.
C106	.000		C-8G-13201	1468-001	1WSD1	GF2L-001	RF Bypass
C107	.01	200	C-8D-11738	P488-01	GT2S1	GF2-335-01	Line Filter
C108	.000		1469-001	1WSD1	GF2L-001	1FM-21	RF Bypass *

* Not Used in All Models.

† Parallel Sections To Obtain Desired Capacity.

CONTROLS

ITEM No.	RATING RESISTANCE WATTS	REPLACEMENT DATA			INSTALLATION NOTES
		CORONADO PART No.	IRC PART No.	CLAROSTAT PART No.	
R1A	1 Meg.	A-10A15666	Q13-137	AM-63-Z	Volume Control
B	Not Req.	Not Req.	Not Req.	Not Req.	Attach to R1A Per Instructions
C	Switch	Not Req.	Not Req.	Not Req.	Attach to R1A Per Instructions
R2A	250K2	B-10B15671	Q11-130	SW-A	Vert. Hold Control
B	Not Req.	Not Req.	Not Req.	Not Req.	Attach to R2A Per Instructions
R3A	100K2	B-10B15670	Q11-128	AM-48-S	Horiz. Hold Control
B	Not Req.	Not Req.	Not Req.	Not Req.	Attach to R3A Per Instructions
R4A	500K2	A-10B15672	Q11-114	AM-18-S	Contrast Control
B	Not Req.	Not Req.	Not Req.	Not Req.	Attach to R4A Per Instructions
R5	50K2	A-10B15672	Q11-123	M-44-S	Brightness Control
R6	2 Meg.	A-10B15670	Q11-139	M-53-S	Vert. Size Control
R7	250K2	A-10B15614	Q11-130	M-55-S	Horiz. Size Control
R8	2 Meg.	B-10B15627			Focus Control
R9	2 Meg.	B-10B15627			Horiz. Centering Control
R10	2 Meg.	B-10B15627			Vert. Centering Control

RESISTORS

ITEM No.	RATING		REPLACEMENT DATA		ALL RESISTORS ARE - 10% UNLESS OTHERWISE STATED.
	RESISTANCE	WATTS	CORONAD [®] PART No.	IRC PART No.	
R11	100K Ω	1/2	C-9B1-86		RF Grid
R12	500K Ω	1/2	C-9B1-71		RF Plate
R13	1000 Ω	1/2	C-9B1-13		RF Screen Decoupling
R14	68 Ω	1/2	C-9B1-48		RF Cathode
R15	5000 Ω	1/2	C-9B1-71		RF Suppressor Grid
R16	5000 Ω	1/2	C-9B1-71		RF Coil Shunt
R17	10K Ω	1/2	C-9B1-74		Mixer Grid Coil Shunt
R18	10K Ω	1/2	C-9B1-74		Mixer Grid
R19	1000 Ω	1/2	C-9B1-13		Mixer Plate Decoup.
R20	10K Ω	1/2	C-9B1-74		Osc. Grid
R21	220 Ω	1/2	C-9B1-64		Osc. Cathode
R22	5000 Ω	1/2	C-9B1-71		Osc. Plate
R23	10 Ω	1/2	C-9B1-38		Parasitic Supp.
R24	10 Ω	1/2	C-9B1-38		Parasitic Supp.
R25	10K Ω	1/2	C-9B1-19		1st IF Grid
R26	1000 Ω	1/2	C-9B1-13		1st IF Decoup.
R27	5000 Ω	1/2	C-9B1-71		1st IF Suppressor Grid
R28	82 Ω	1/2	C-9B1-133		1st IF Cathode
R29	220K Ω	1/2	C-9B1-27	BTS-220K	AGC Network
R30	47K Ω	1/2	C-9B1-82		2nd IF Grid
R31	1000 Ω	1/2	C-9B1-13		2nd IF Decoup.
R32	5000 Ω	1/2	C-9B1-71		2nd IF Suppressor Grid
R33	82 Ω	1/2	C-9B1-133	BTS-5600	2nd IF Cathode
R34	47K Ω	1/2	C-9B1-82		2nd IF Transformer Shunt
R35	1000 Ω	1/2	C-9B1-13		3rd IF Decoup.
R36	5000 Ω	1/2	C-9B1-71		3rd IF Suppressor Grid
R37	68 Ω	1/2	C-9B1-131		3rd IF Cathode
R38	220K Ω	1/2	C-9B1-27	BTS-220K	AGC Network
R39	470K Ω	1/2	C-9B1-94	BTS-470K	AGC Network
R40	100K Ω	1/2	C-9B1-86	BTS-100K	AGC Diode Load