

CABINET-REAR VIEW

HORIZONTAL SWEEP CIRCUIT ADJUSTMENTS

Tune to a TV station and set all controls for normal operation. Connect a clip lead across Horizontal Stabilizer Coil, L12. Connect a clip lead from point  $\diamond$  to ground. Set the Horizontal Hold Control (Fine, R7) to the center of its range. Adjust Horizontal Hold Control (Coarse, R8) until the least number of slanting bars are present on the screen.

Remove clip lead from Horizontal Stabilizer Coil, L12, and adjust B1 until the picture tends to float slowly across the screen. Remove clip lead from point  $\diamond$ . Interrupt signal momentarily to see if picture remains in sync.

DISASSEMBLY INSTRUCTIONS

CHASSIS REMOVAL

1. Remove back and all knobs. Disconnect yoke, anode lead, picture tube socket, and picture tube ground.
2. Remove screw from bracket at top rear and from top front. Remove 2 screws from bottom of chassis.
3. Slide chassis back and disconnect speaker. Remove chassis.

PICTURE TUBE REMOVAL

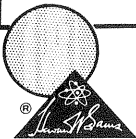
1. Remove chassis. Lay cabinet face down on soft cloth.
2. Loosen clamp ring bolt and remove screws from 4 corner brackets.
3. Remove clamp ring assembly and remove picture tube.

SET 745 FOLDER 2

CORONADO MODELS  
TV2-9568A, TV2-9569A

PHOTOFACT® Folder

with CIRCUITRACE®



CORONADO MODELS  
TV2-9568A, TV2-9569A



MODEL TV2-9568A

ONE SIDE OF AC LINE CONNECTED TO CHASSIS

TRADE NAME	Coronado Models TV2-9568A/-9569A
SUPPLIER	For current address, see Master Index.
TYPE SET	Television Receiver
TUBES	VHF - Fourteen, UHF - One Transistor
POWER SUPPLY	110-120 Volts AC, 60 Cycles
TUNING RANGE	Channels 2 thru 13 VHF, 14 thru 83 UHF, Video IF 45.75MC, Sound IF 41.25MC (intercarrier)
	RATING 115 Watts, 1.3 Amp. @ 117 Volts AC

SERVICING IN THE FIELD

SAFETY GLASS

The safety glass is an integral part of the picture tube.

FUSE OR FUSE DEVICE

A 4.7 $\Omega$  fusible resistor is used for low voltage power supply protection. (For location, see "Chassis - Top View".)

VHF OSCILLATOR ADJUSTMENT

Set fine tuning at the center of its range and adjust osc. slug (one for each channel) for best sound and picture.

AGC

No provision is made to vary the AGC on this receiver.

HORIZONTAL OSCILLATOR FIELD ADJUSTMENT

Coarse adjustment of the horizontal hold is accomplished

by the proper setting of the Horizontal Stabilizer Coil and Horizontal Hold (Coarse). (See "Tube Placement Chart" for location.)

WIDTH

The width may be varied by adjusting a metallic sleeve, located between the yoke and the picture tube neck.

FOCUS

The focus may be varied by the position of a strap on the base of the picture tube.

CENTERING

Centering is accomplished by 2 magnetic rings located on yoke rear cover.

HOWARD W. SAMS & CO., INC. Indianapolis 6, Indiana



The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of the particular type of replacement part listed. MA939R

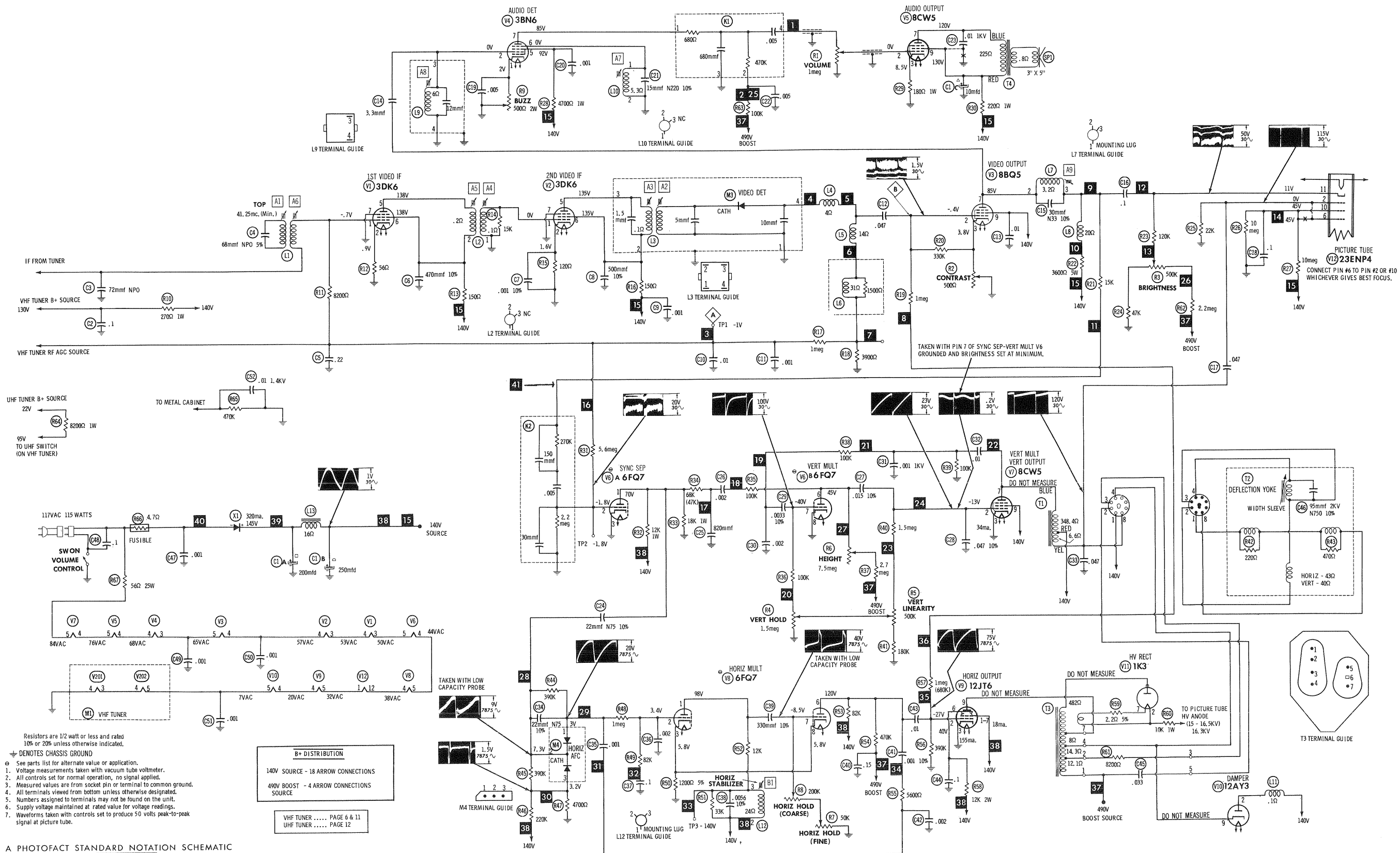
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DATE 3-65

SET 745 FOLDER 2

CORONADO MODELS  
TV2-9568A, TV2-9569A

SET 745 FOLDER 2

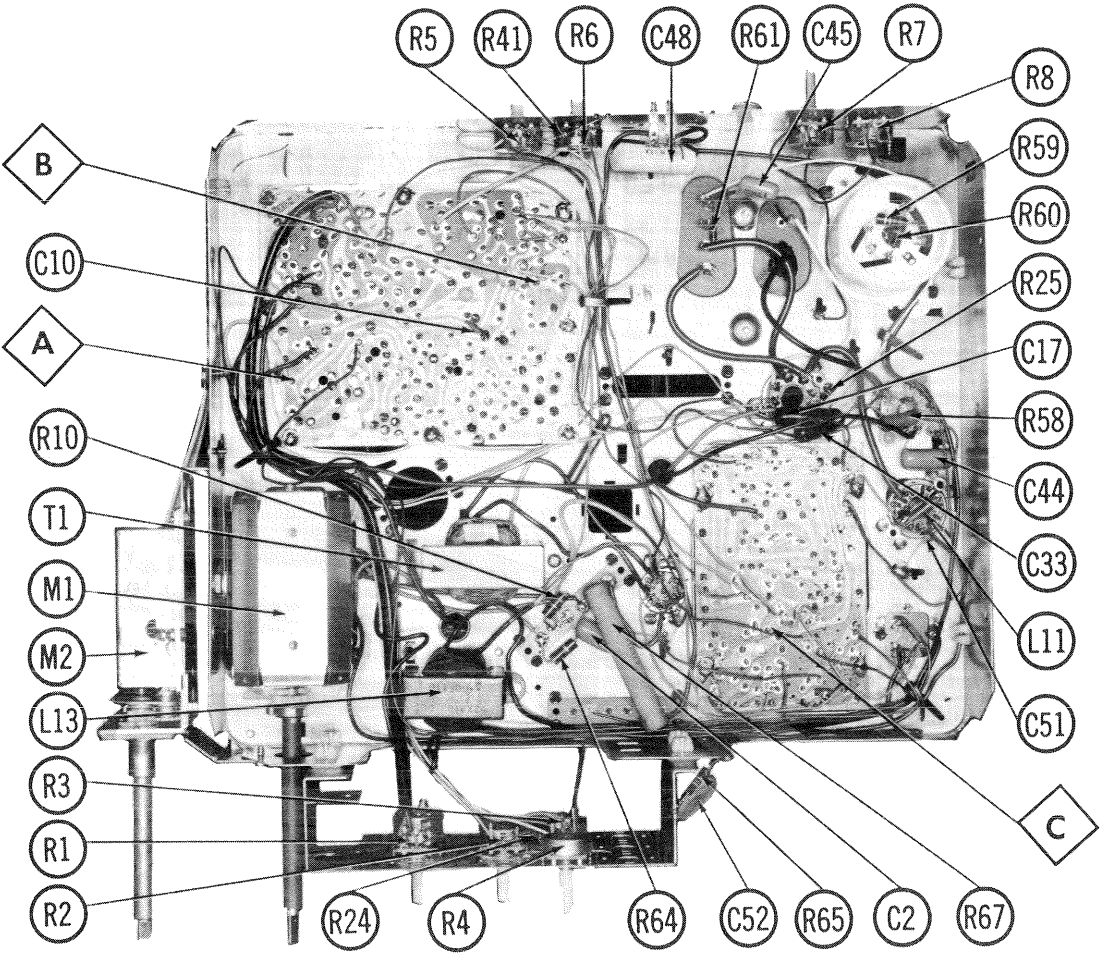


CORONADO MODELS  
TV2-9568A, TV2-9569A

RESISTANCE MEASUREMENTS

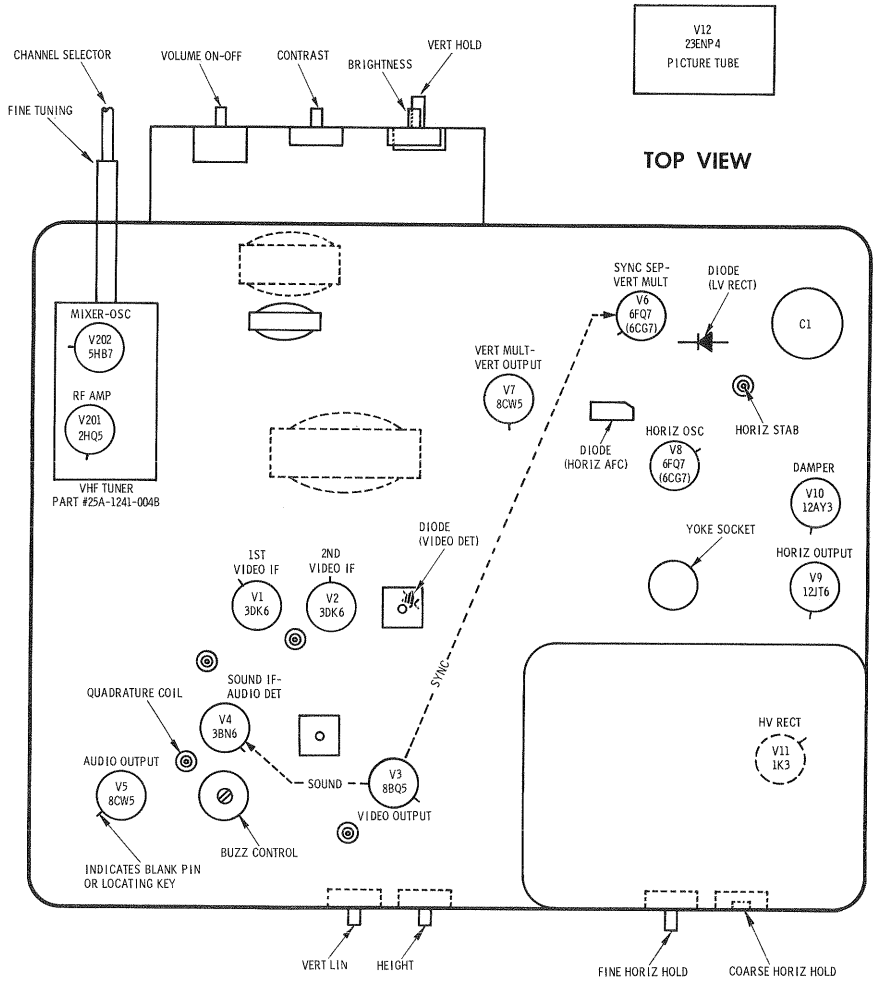
ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9	Pin 10	Pin 11	Pin 12
V1	3DK6	1meg	56Ω	15Ω	16Ω	† 150Ω	† 150Ω	0Ω					
V2	3DK6	.1Ω	120Ω	16Ω	17Ω	† 150Ω	† 150Ω	0Ω					
V3	8BQ5	NC	330K	250Ω	17Ω	19Ω	NC	† 3600Ω	NC	† 16Ω			
V4	3BN6	200Ω	6Ω	19Ω	20Ω	† 4700Ω	5.3Ω	† 570K					
V5	8CW5	NC	200K	180Ω	20Ω	22Ω	NC	† 460Ω	NC	† 235Ω			
V6	6FQ7	† 12K	2.2meg	0Ω	14Ω	15Ω	† 7.8meg	1.4meg	0Ω	0Ω			
V7	8CW5	NC	2meg	0Ω	22Ω	24Ω	NC	† 360Ω	NC	† 16Ω			
V8	6FQ7	† 12K	2meg	1200Ω	12Ω	14Ω	† 82K	75K	1200Ω	0Ω			
V9	12JT6	NC	390K	0Ω	7Ω	10Ω	† 12K	† 16Ω	NC				TOP CAP † 8Ω
V10	12AY3	NC	† 16Ω	NC	7Ω	3Ω	TP	NC	NC	500K			
V11	1K3	PINS 1 THRU 8 HAVE INFINITE RESISTANCE											TOP CAP † 490Ω
V12	23ENP4	10Ω	22K	NC	NC	NC	10meg	NC	NC	NC	10meg	200K	12Ω
V201	2HQ5	1meg	0Ω	1Ω	0Ω	† 1500Ω	0Ω	0Ω					
V202	5HB7	0Ω	220K	0Ω	1Ω	3Ω	† 1270Ω	† 22.3K	† 5000Ω	3300Ω			
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

† MEASURED FROM OUTPUT OF X1. ‡ MEASURED FROM PIN 9 OF V10. NC NO CONNECTION



CHASSIS—BOTTOM VIEW

TUBE PLACEMENT CHART



TUBE FAILURE CHECK CHART

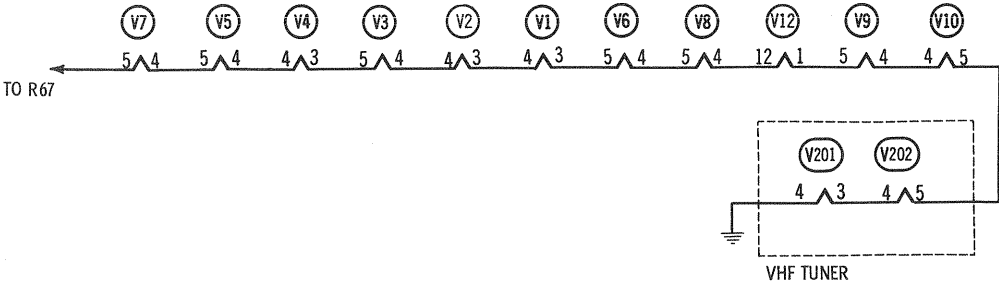
The following chart lists tubes whose failures are most likely to produce indicated symptoms. Refer to tube placement chart for location and type of tube.

- POWER SUPPLY FAILURE**  
No raster, no sound R86 (Fusible Resistor), X1

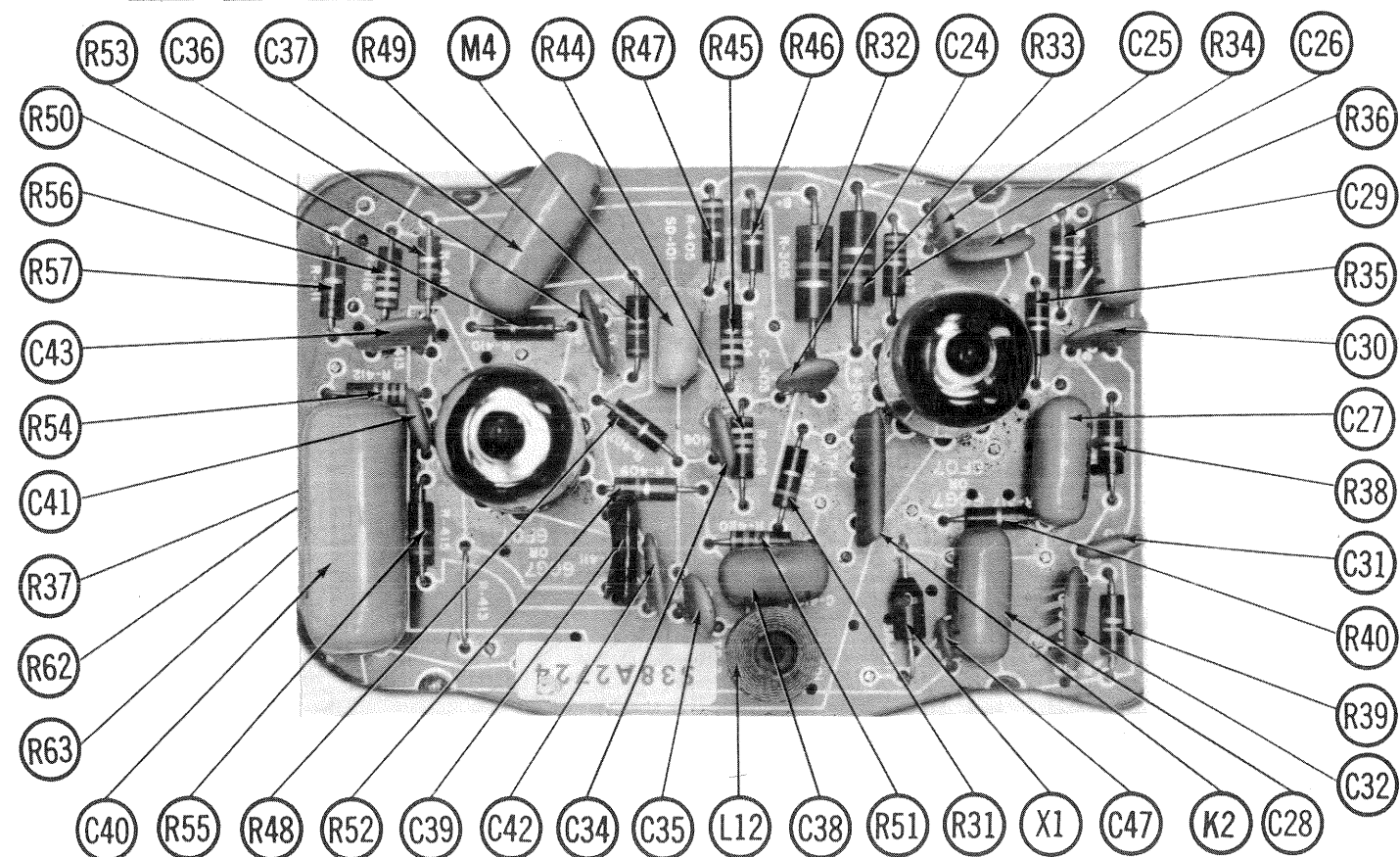
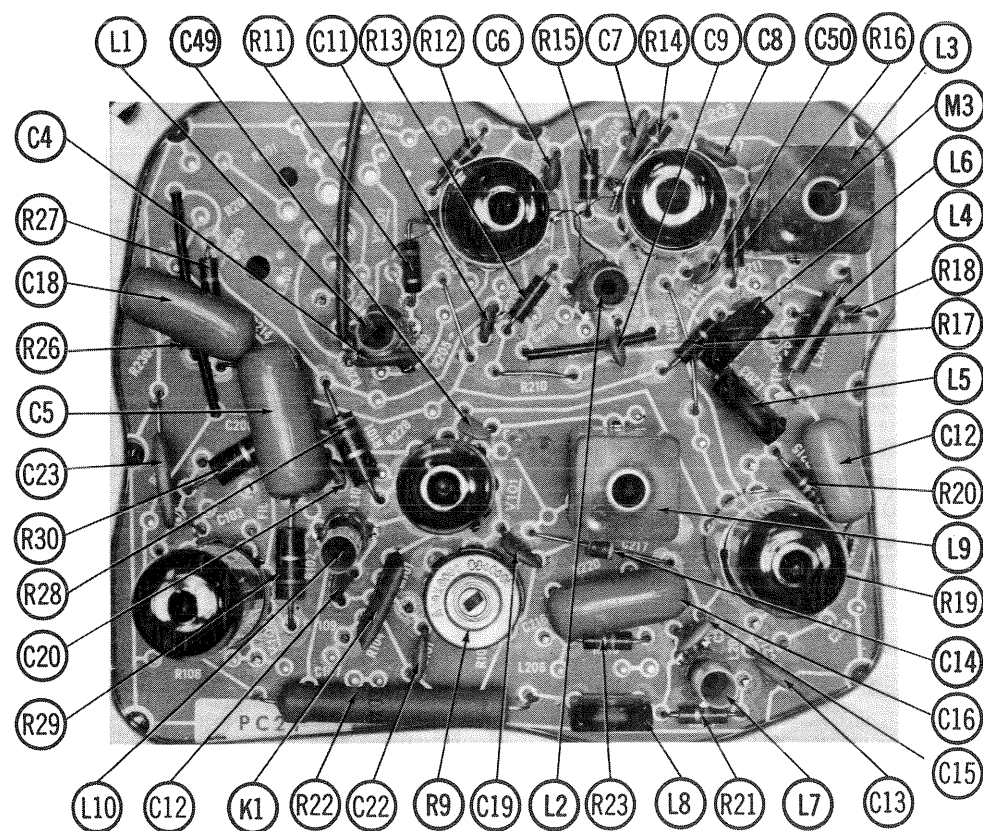
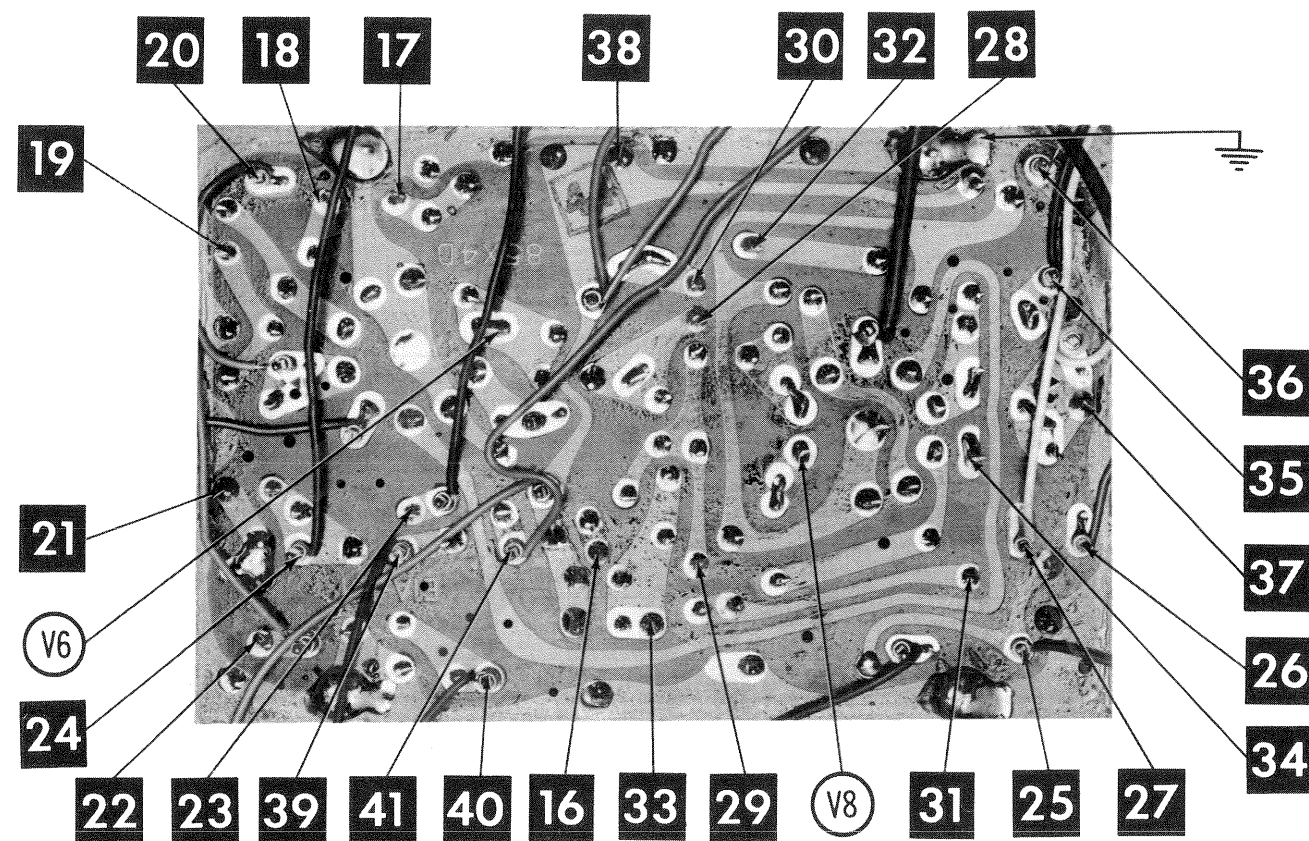
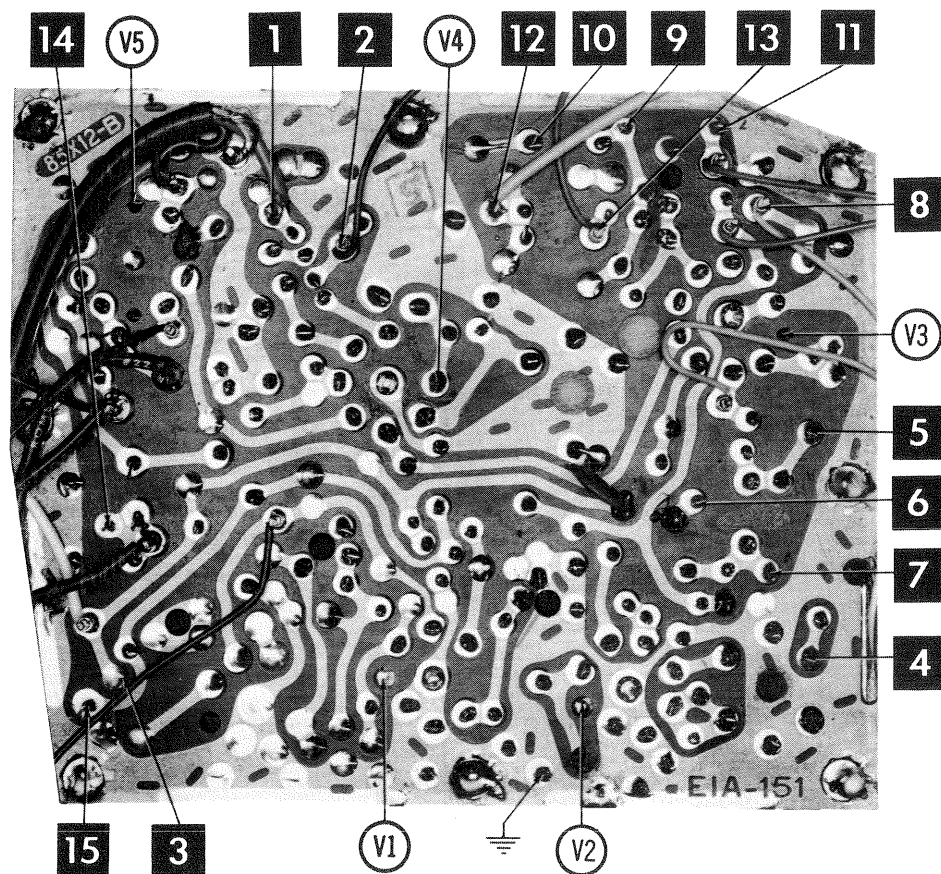
**SWEEP FAILURE**  
No raster, has sound V8, V9, V10, V11, V12  
No vertical deflection V8, V7  
Poor vert. linearity or foldover V6, V7  
Poor horiz. linearity or foldover V8, V9, V10  
Narrow picture X1, V8, V9, V10  
Vert. off freq. V6, V7  
Horiz. off freq. M4 (Horiz. AFC Diode), V8
- LOSS OF PICTURE OR SOUND**  
No pic, no sound, has raster V1, V2, M3 (Video Det. Diode), V3  
No pic, no sound, has snow V201, V202, V1, V301  
No pic, has sound, has raster V3, V12  
Has pic, no sound V4, V5

**SYNC FAILURE**  
No vert. sync V8  
No horiz. sync V6  
No vert. or horiz. sync V6

This receiver employs tubes used in a series filament network, an open filament in any tube will cause the set to be inoperative. (See circuit below.)



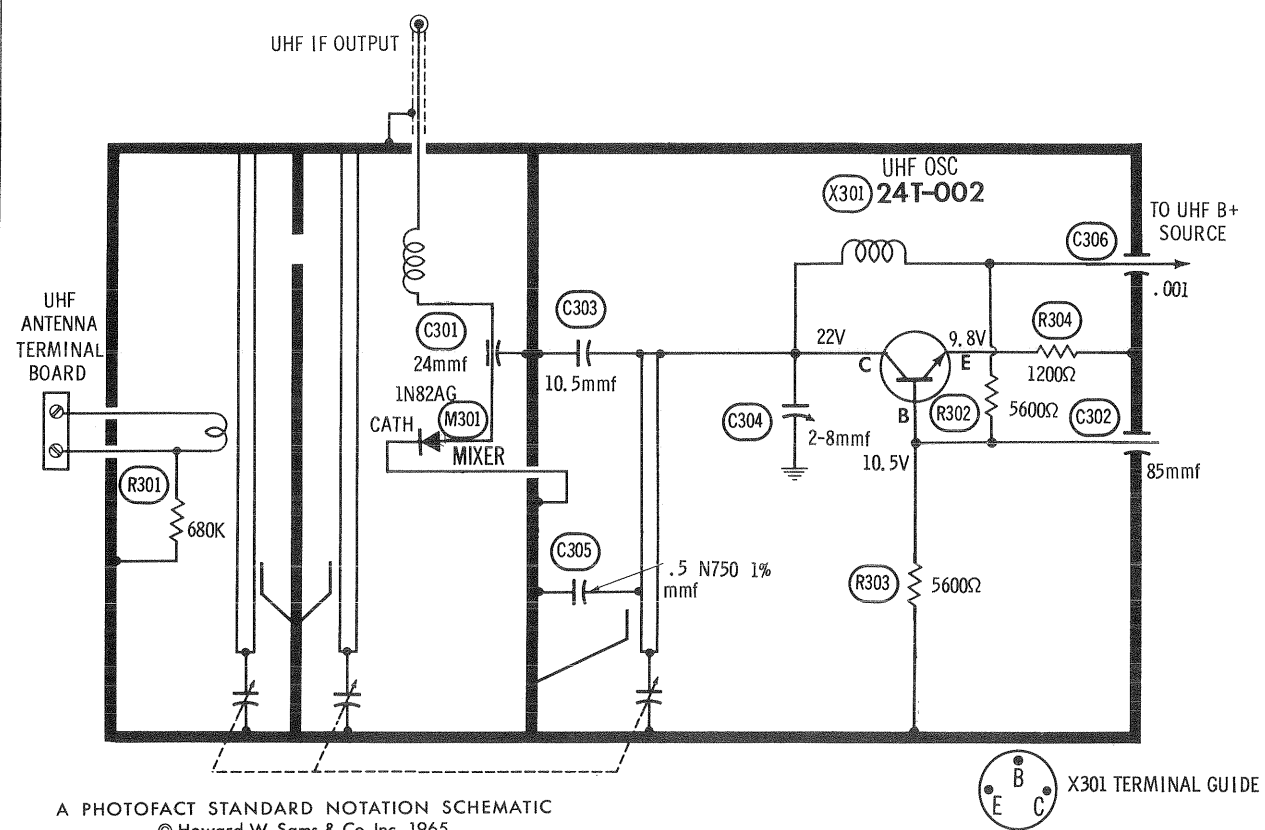
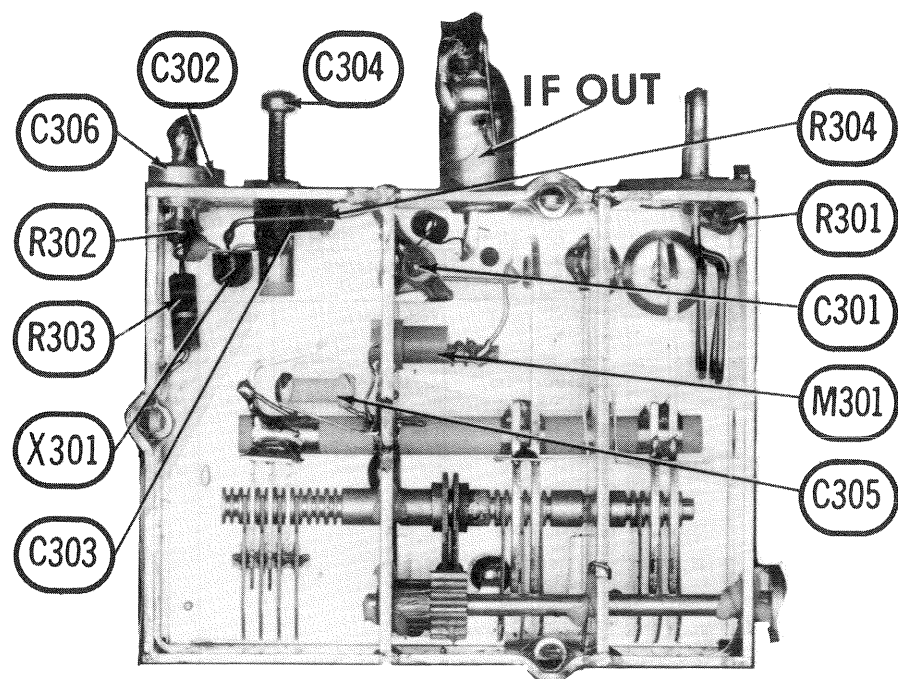




PRINTED BOARD

CORONADO MODELS  
TV2-9568A, TV2-9569A

FOLDER 2



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UHF TUNER 25A1243-002C

## 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 A9 ..... GENERAL CEMENT 8806, 8809, 9302 ... WALSCO 2511, 2543, 2588  
Mixer Plate Coil ... GENERAL CEMENT 9296, 9300, 9302 ... WALSCO 2510, 2511, 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: Response may vary slightly from those shown. Connect a variable bias supply to the IF AGC line (point  $\diamond$ ) 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.

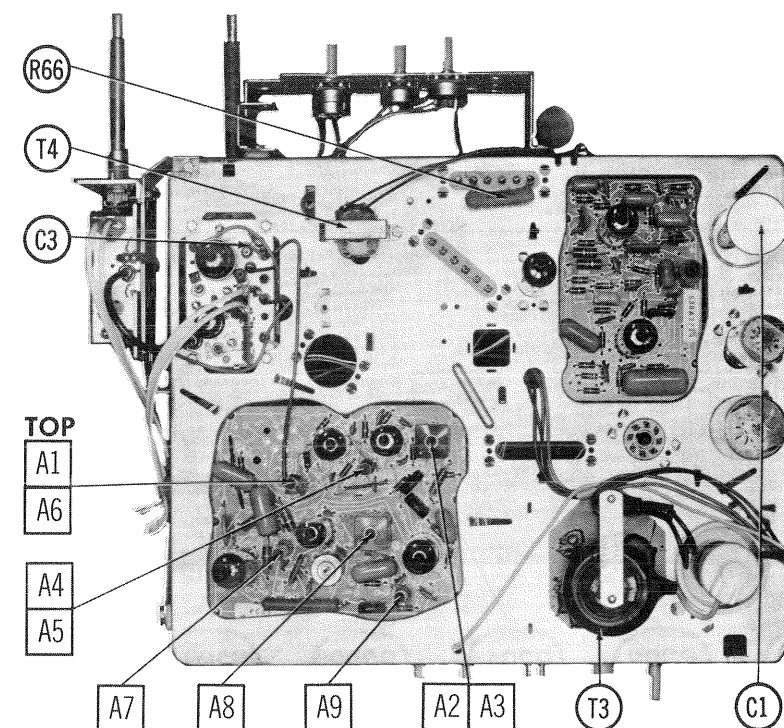
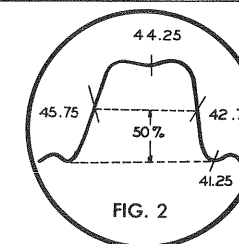
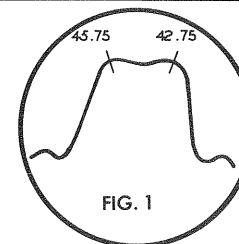
INDICATOR	GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	ADJUST	REMARKS
1. Connect DC probe of a VTVM thru a 47K resistor to point $\diamond$ . Common to ground.	Connect high side to ungrounded tube shield over Mixer-Osc. Low side to ground.		41.25MC	A1	Adjust for MINIMUM.
2. Connect vertical input of a scope to point $\diamond$ . Low side to ground.	Connect high side to pin 1 (grid) of V2. Low side to ground.	44MC (10MC Sweep)	42.75MC 45.75MC	A2, A3	Adjust for maximum amplitude and MINIMUM tilt with markers as shown in Figure 1.
3. Connect vertical input of a scope to point $\diamond$ . 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 44.25MC 45.75MC	A4, A5, A6, Mixer Plate Coil	Adjust for maximum gain and symmetry of response with markers as shown in Figure 2. In order to obtain a proper response, it may be necessary to slightly retouch A2 and A3.

### SOUND IF ALIGNMENT

Tune in a station and reduce the signal strength at the antenna terminals until a hiss is heard in the sound. Align for maximum undistorted sound with MINIMUM buzz by adjusting A7, A8, and R9. If the hiss disappears during alignment, further reduce the signal strength.

### 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 A9 for MINIMUM beat interference.

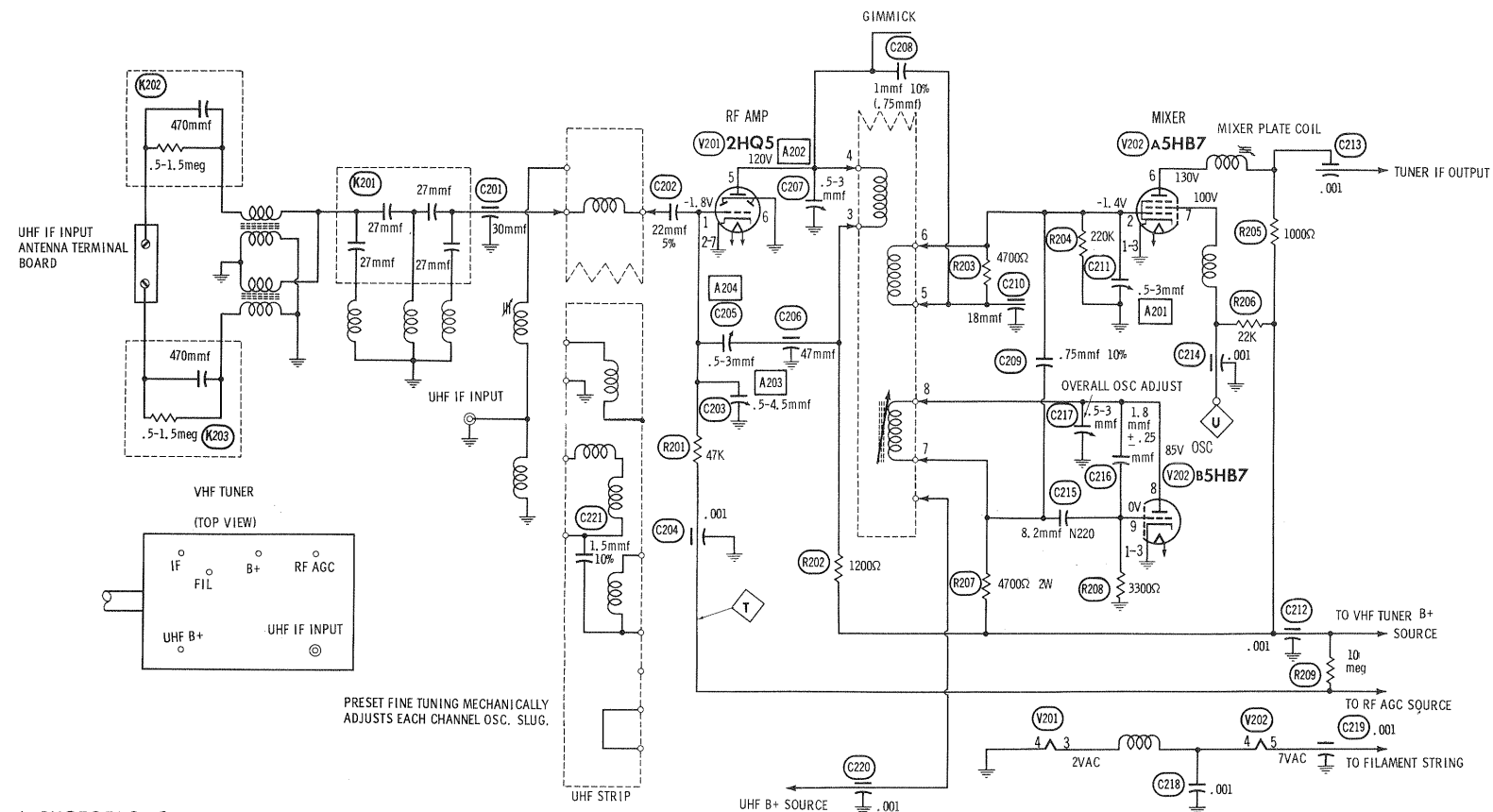


CHASSIS—TOP VIEW

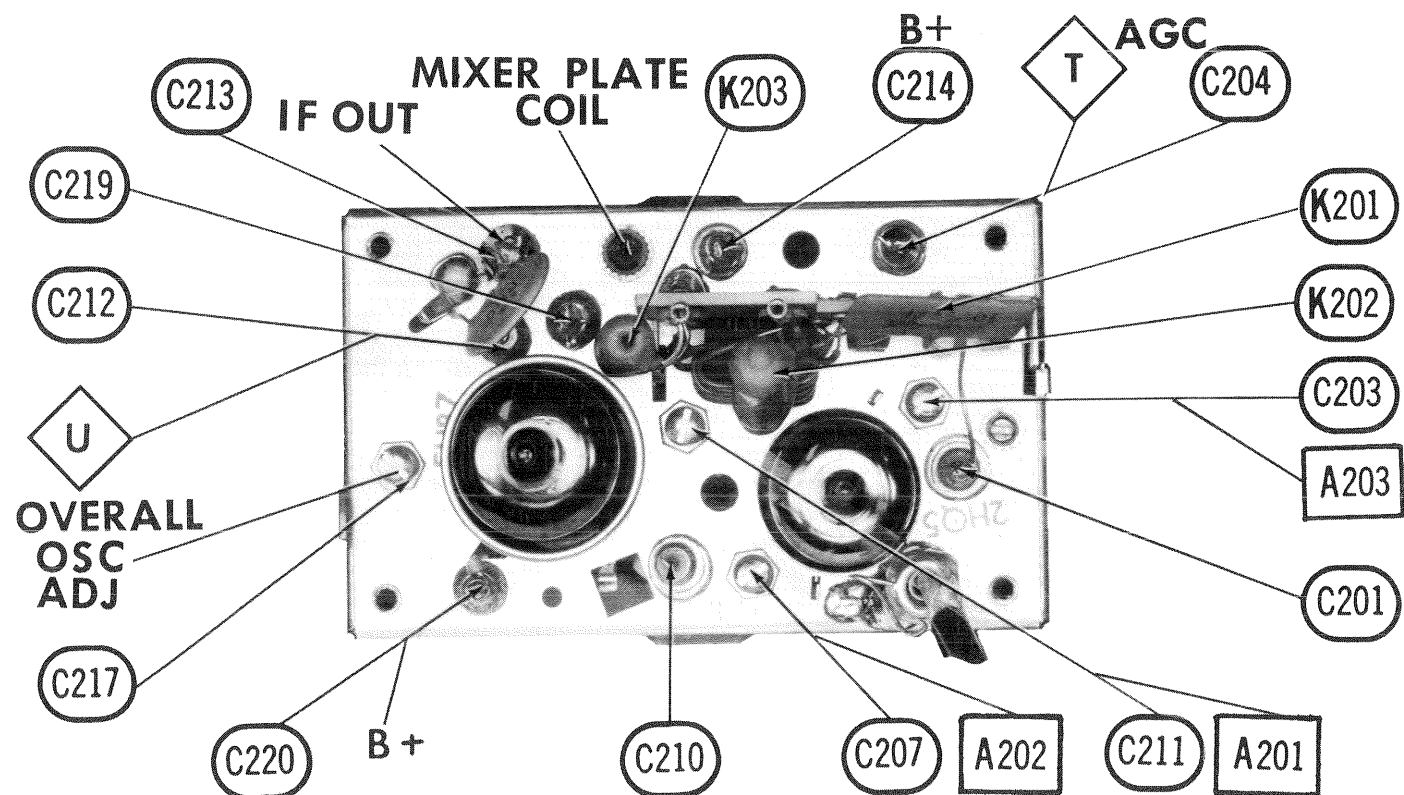
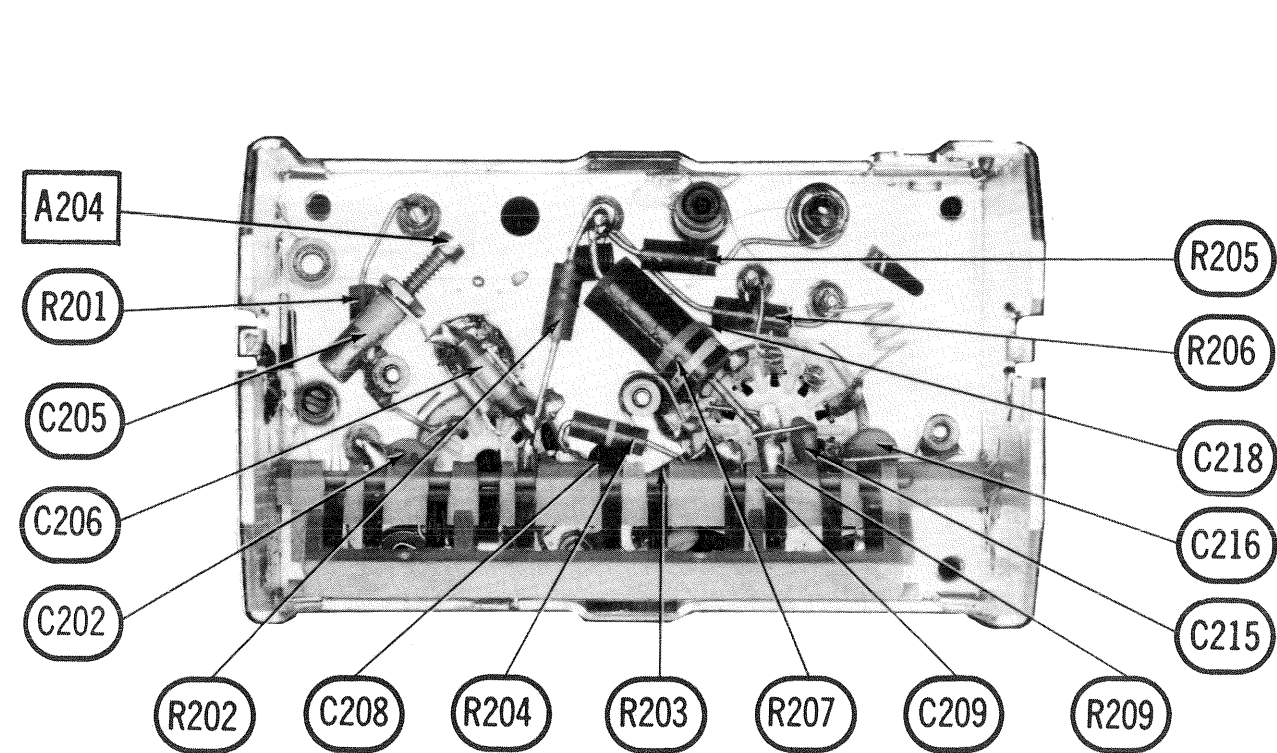
CORONADO MODELS  
TV2-9568A, TV2-9569A

FOLDER 2





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13 POSITION TURRET-TYPE VHF TUNER 25A1241-004B

## VHF TUNER ALIGNMENT INSTRUCTIONS

Suggested Alignment Tools: A201, A202, A203, A204 .. GENERAL CEMENT 8868, 9087, 9089 .. WALSCO 2528, 2541, 2587

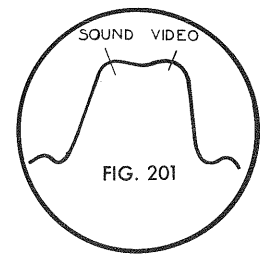
### OSCILLATOR ALIGNMENT

The oscillator on each channel is preset by means of the Fine Tuning Control. Adjust Fine Tuning for best picture and sound on each active channel. If any channel cannot be properly tuned with the Fine Tuning, adjust the overall oscillator adjustment. Recheck all active channels.

### 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 variable bias to RF AGC line at point  $\diamond$ . 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 120 $\Omega$ in each lead.	213MC	211.25MC 215.75MC	13	Vert. input to point $\diamond$ , low side to ground.	A201, A202, A203	Adjust for maximum gain and symmetry of response similar to Fig. 201 with markers as shown.
2.	"	195MC	193.25MC 197.75MC	10	Across video det. load resistor.	A204	Increase bias to -15 volts and adjust for MINIMUM response.
3.	"	207MC	205.25MC 209.75MC	12	Vert. input to point $\diamond$ , low side to ground.		Decrease bias. Check response on all channels and make compromise adjustments of A201, A202, and A203 if required.
		201MC	199.25MC 203.75MC	11			
		189MC	187.25MC 191.75MC	9			
		183MC	181.25MC 185.75MC	8			
		177MC	175.25MC 179.75MC	7			
		85MC	83.25MC 87.75MC	6			
		79MC	77.25MC 81.75MC	5			
		69MC	67.25MC 71.75MC	4			
		63MC	61.25MC 65.75MC	3			
		57MC	55.25MC 59.75MC	2			



Tune to a UHF Station and adjust UHF IF Input Coil for best picture and sound.

CORONADO MODELS  
TV2-9568A, TV2-9569A

FOLDER 2

VHF TUNER PARTS LIST AND DESCRIPTION

TUBES

♦ AMPEREX ♦		♦ GENERAL ELECTRIC ♦		♦ RCA ♦		♦ SYLVANIA ♦	
ITEM No.	USE	TYPE		ITEM No.	USE	TYPE	
V201	RF Amp.	2HQ5		V202	Mixer - Osc.	5HB7	

FIXED CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA							
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCO PART No.	MALLORY PART No.	SPRAGUE PART No.		
C201	30	(.75mmf) †	EF-001	DTZ-22	C10Q2C	CCF-102 CV-1	CNO422	10TCC-Q22		
C202	22			MFT-1000	CV-1		CT280A			
C203	.5-4.5			829-3			CT565			
C204	.001			829-3			CT565			
C205	.5-3			829-3			CT565			
C206	47			829-3			CT565			
C207	.5-3			829-3			CT565			
C208	1mmf 10%			829-3			CT565			
C209	.75mmf 10%			829-3			CT565			
C210	18			829-3			CT565			
C211	.5-3	①	EF-001 EF-001 EF-001	829-3		BYA10D1	CV-1	CT565	10TCR-V82 10TCC-V18	
C212	.001			MFT-1000	CCF-102		CT280A			
C213	.001			MFT-1000	CCF-102		CT280A			
C214	.001			MFT-1000	CCF-102		CT280A			
C215	8.2 N220			TCZ-1R5 829-3	*		CV-3 CCD-102 CCF-102 CCF-102	CNO515		
C216	1.8 ±.25mmf				CT565			B210		
C217	.5-3				CT565			CT280A		
C218	.001			BPD-001	DD-102		CCD-102	CT280A		5HK-D10
C219	.001			EF-001	MFT-1000		CCF-102	CT280A		
C220	.001			EF-001	MFT-1000		CCF-102	CT280A		
C221	1.5mmf 10%									

\* Not normally in distributor's stock. Available thru distributor on order to manufacturer.  
① Used in some versions (.001). † Alternate Value

COMPONENT COMBINATIONS

ITEM No.	USE	DESCRIPTION	PART NO.	REPLACEMENT DATA
K201	Antenna Network	27mmf, 27mmf, 27mmf, 27mmf	13P-010-01	Centralab RC-471 Sprague AC1-1 Centralab RC-471 Sprague AC1-1
K202	Antenna Isolation	.5-1.5meg, 470mmf		
K203	Antenna Isolation	.5-1.5meg, 470mmf		

UHF TUNER PARTS LIST AND DESCRIPTION

TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.	
X301	24T-002	UHF Oscillator				NPN

FIXED CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA				
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCO PART No.	MALLORY PART No.
C301	24	N750 1% .001	EF-001	MFT-1000		CCF-102	CT280A
C302	85						
C303	10.5						
C304	2-8						
C305	.5						
C306	.001						

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
M301	Diode		UHF Mixer (1N82AG)

PARTS LIST 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

♦ AMPEREX ♦		♦ GENERAL ELECTRIC ♦		♦ RCA ♦		♦ SYLVANIA ♦	
ITEM No.	USE	TYPE		ITEM No.	USE	TYPE	
V1	1st Video IF	3DK8		V7	Vert. Mult. - Vert. Output	8CW5	
V2	2nd Video IF	3DK8		V8	Horiz. Mult.	6FQ7 (6CG7) *	
V3	Video Output	8BQ5		V9	Horiz. Output	12AT6	
V4	Audio Detector	3BN8		V10	Damper	12AY3	
V5	Audio Output	8CW5		V11	HV Rectifier	1K3	
V6	Sync Sep. - Vert. Mult.	6FQ7 (6CG7) *					

\* Alternate

PICTURE TUBE

ITEM No.	REPLACEMENT DATA				NOTES
	CORONADO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.	SYLVANIA PART No.	
V12	23ENP4		23ENP4 ①	23ENP4 ②	① Aluminized ② Silver Screen "85"

POWER RECTIFIERS

ITEM No.	MEASURED CURRENT	ORIGINAL Part or Type No.	RECTIFIERS		
			MALLORY PART No.	RCA PART No.	SARKES TARZIAN PART No.
X1	.32A	66X0023-001	A300 or D300 or 1N2093	1N1763 or 1N2862 or 1N3194	40H or F-4

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA					
	CAP.	VOLT.	CORONADO PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	GENERAL INSTRUMENT PART No.	MALLORY PART No.
C1A	200	200	45X0512-001	AFHS3-13-90	CCO129.5	XC3-20	TMD-2260	FP318.8A
B	250	200		BR50-250			TD-10-250	
C	10	200						

FIXED CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA				
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCO PART No.	MALLORY PART No.
C2	.1 200V	#47X0589-001 #80X0099-014	P288N-1	DF-104	PKM2P1	2DP-3-104	GEM201
C3	72 NPO		NPO-DI 75	DTZ-75	C10Q75C	CCTO-750	CNO475
C4	68 NPO 5%			DTZ-68	C10Q68C		CNO468
C5	.22 200V		P288N-22		DPMS2P22	2DP-4-224	PVC2022
C6	470 10%		DI-470	DD-471	JB6T47	CCD-471	GP347
C7	.001 10%		DI-1000	DD-102	JB6D1	CCD-102	GP210
C8	560 10%		DI-560	CE-561	JB6T56	CCD-561	JF356
C9	.001		BPD-001	DD-102	BYA10D1	CCD-102	B210
C10	.01		BPD-01	DD-103	BYA10S1	CCD-103	B110
C11	.001		BPD-001	DD-102	BYA10D1	CCD-102	B210
C12	.047 200V	#80X0099-015 #80X0099-007	P288N-047	DD-503	PM2847	4DP-3-473	GEM2147
C13	.01		BPD-01	DD-103	BYA10S1	CCD-103	B110
C14	3.3						
C15	30 N33 10%		P288N-1	DF-104	PKM2P1	2DP-3-104	GEM201
C16	.1 200V		P488N-047	DD-503	PM4847	4DP-3-473	GEM4147
C17	.047 400V		P288N-1	DF-104	PKM2P1	2DP-3-104	GEM201
C18	.1 200V		BPD-005	DD-502	BYA10D5	CCD-502	B250
C19	.005		BPD-001	DD-102	BYA10D1	CCD-102	B210
C20	.001					*	
C21	15 N220 10%		BPD-005	DD-502	BYA10D5	CCD-502	B250
C22	.005	#80X0099-007	BPD-01	DD-103	BYA10S1	CCD-103	B110
C23	.01 1KV						
C24	22 N75 10%		DI-820	DD-821	LA10T82-C4	CCD-821	B382
C25	820		BPD-002	DD-202	BYA10D2	CCD-202	B220
C26	.002						

PARTS LIST AND DESCRIPTION (CONTINUED)

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

FIXED CAPACITORS (cont)

ITEM No.	RATING	REMARKS	REPLACEMENT DATA					
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCO PART No.	MALLORY PART No.	SPRAGUE PART No.
C27 C28 C29 C30 C31 C32 C33 C34 C35 C36 C37 C38 C39 C40 C41 C42 C43 C44 C45 C46 C47 C48 C49 C50 C51 C52	.015 600V 10% .047 200V 10% .0033 400V 10% .002 .001 1KV .01 .047 400V 2 N75 10% .001 .002 .1 200V .0056 400V 10% 330 10% .15 600V .001 10% .002 .01 .1 200V .033 400V 95 2KV N750 10% .001 .1 600V .001 .001 .001 .001 .01 1.4KV	#80X0099-007	BE6S15 BE2S47 BE6D33 BPD-002 BPD-001 BPD-01 P468N-047  BPD-001 BPD-002 P288N-1 BE6D56 ADM-15-331 DPMS8N-15 DI-1000 BPD-002 BPD-002 P288N-1 P468N-033  BPD-001 P688N-1 BPD-001 BPD-001 BPD-001 DAC-27	CPR-3300J DD-202 DD-102 DD-103 DD-503  DD-102 DD-202 DF-104 CPR-5600J CPR-330J  DD-102 DD-102 DD-202 DF-104  DD-102 DD-102 DD-102 DD-102 DD-102 DD16-103	DPMS6S15 DPMS2S47 DPMS6D33 BYA10D2 BYA10D1 BYA10S1 PM4947  BYA10D1 BYA10D2 PKM2P1 DPMS6D56 CD15F331K DPMS8P15 JB6D1 BYA10D2 BYA10S1 PKM2P1 DPMS6S33  BYA10D1 PM6P1 BYA10D1 BYA10D1 BYA10D1 HVE16S1	6DP-2-153 4DP-3-473 6DP-1-332 CCD-202 CCD-102 CCD-103 4DP-3-473  CCD-102 CCD-202 2DP-3-104 6DP-1-562 PVC4256 DM-15-331K 6DP-5-154 CCD-102 CCD-202 CCD-202 2DP-5-104 4DP-2-333  CCD-102 6DP-4-104 CCD-102 CCD-102 CCD-102 16DP-3-103	PVC6115 PVC2147 PVC4233 B220 B210 B110 GEM4147  B210 B220 GEM201 PVC4256 PVC6015 GP210 B220 B220 GEM201 PVC6133  B210 GEM601 B210 B210 B210 B210 UAC110	6PS-S15 2PS-S47 6PS-D33 5HK-D20 5HK-D10 5HK-S10 4TM-S47  5HK-D10 5HK-D20 2TM-P10 6PS-D56 MS-333 6PS-P15 10TS-D10 5HK-D20 5HK-D20 2TM-P10 4PS-S33  5HK-D10 6TM-P10 5HK-D10 5HK-D10 5HK-D10 5HK-D10 BL-810

\* Not normally in distributor's stock. Available thru distributor on order to manufacturer.  
# Coronado Part Number

CONTROLS

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

ITEM No.	USE	RESIST-ANCE	REPLACEMENT DATA					
			CORONADO PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.	
R1	Volume, Switch	1meg	36X0453-001	F1-1meg, SN100, KR-1	A47-1meg-S RN-3 ①, SWE-12	(BU11, CF17, S86 ①, GC) *	RU16L, SL37, SN1000 ①, U541 or (UA16L, SN1000 ①, U541)	
R2	Contrast	500Ω	40X585-005	F5-500, SN100 or (AB-415, AK-19 ①)		B17-103, TM4 ① or (BU11, CF50, S86 ①) *	PTA55L ① or (RU55L, SL37, SN1000 ①) or (UA55L, SN1000 ①)	
R3	Brightness	500K	40X0585-008	F1-500K, SN100 or (AB-59, AK-19 ①)		B11-133, TM4 ① or (BU11, CF16, S86 ①) *	PTA55L ① or (RU55L, SL37, SN1000 ①) or (UA55L, SN1000 ①)	
R4	Vert. Hold	1.5meg	40X0585-001	F1-1.5meg, SN100 or (AB-742, AK-19 AK-19 ①)		B11-138, TM4 ① or (BU11, CF18, S86 ①) *	PTA26L ① or (RU155L, SL37, SN1000 ①) or (UA155L, SN1000 )	
R5	Vert. Linearity	500K	40X585-020	TT-59 or (F1-500K, SNK010)		B11-133, TM4 or (BU11, CF16, S86) *	PTA55L or (RU55L, SL37, SN1000) or (UA55L, SN1000) PTA75L or (UA75L, SN1000)	
R6	Height	7.5meg	40X0585-012	TT-90 or (F1-7.5meg, SNK010)		HLC6		
R7	Horiz. Hold (Fine)	50K	40X0586-006	F1-50K, SN100 or (AB-31, AK-19 ①)		B11-123, TM4 ① or (BU11, CF12, S86 ①) *	PTA54L ① or (RU54L, SL37, SN1000 ①) or (U54L, SN1000 ①)	
R8	Horiz. Hold (Coarse)	200K	40X0585-007	TT-46 or (F1-200K, SNK010 )		B11-129, TM4 or (BU11, CF14, S86) *	RU25L, SL37, SN1000 or (UA25L, SN1000)	
R9	Buzz	500Ω 2W	40X0551 40X0551-001	V-500	U39-500	110-600	MR600P	

\* "SNAPTROL" ① File flat.

RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA			ITEM No.	RATING	REPLACEMENT DATA		
		IRC PART No.	WORKMAN PART No.	REMARKS			IRC PART No.	WORKMAN PART No.	REMARKS
R22 R66	3600Ω 5W 4.7Ω, fusible	PW5-3600	5W-SQ-3500 F 4.7	#43X0331-001 #43X0431-001	R67	56Ω 25W	2D-56	25W-SQ-56	#43X0318-001

# Coronado Part Number

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA					NOTES
		CORONADO PART No.	MERIT PART No.	MILLER PART No.	STANCOR PART No.	WORKMAN PART No.	
L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11	1st Video IF - 41.25MC Trap 2nd Video IF 3rd Video IF - Detector Assembly RF Choke (16uh) Peaking (190uh) Peaking (750uh) 4.5MC Trap Peaking (325uh) Sound IF Input Quadrature RF Choke (1.5uh)	9A2547-001 9A2545-001  9A2525-001 9A2432-001 36A0094-001 36A0094-002 ① 9A2529-001 36A0094-003 9A2527-001 9A2526-001 9A2380-001	   TV-192 BC-672 BC-680 ▲  BC-675  BC-562	   74F155AP 6154 6156 ▲ 7126 6132 7105-R 7125 4604	   RTC-8524 RTC-8586 RTC-8588 ▲  RTC-8577  RTC-8516	   T989 T345 T356 ▲  T349 TF298  T856	① Wound on 1.5K resistor. ▲ Shunt with 1.5K resistor.

COILS (SWEEP CIRCUITS)

ITEM No.	USE	REPLACEMENT DATA							NOTES
		CORONADO PART No.	Merit PART No.	Miller PART No.	Stancor PART No.	Thordarson PART No.	Triad PART No.	Workman PART No.	
L12	Horiz. Stabilizer	9A2515-001 (9A2515B)		6335-G		HS-16		TA121	

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA					NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (Ω CURRENT 1000 ~)	CORONADO PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
L13	.32A	16Ω	.25 Hy.	52X0102-005	C-4115	C-2343	26C77	C-34X	

TRANSFORMERS (SWEEP CIRCUITS)

ITEM No.	USE	REPLACEMENT DATA					NOTES
		CORONADO PART No.	Merit PART No.	Stancor PART No.	Thordarson PART No.	Triad PART No.	
T1 T2 T3	Vert. Output Yoke (Horiz. 26MH) 92° (Vert. 33MH) Yoke Clamp Horiz. Output	51X0233-003 9A2544-001 (9A2544-001B) 30X0611-001 53X0417-001 (53X417-1)	A-2821 MDF-125 & M-238 ①	A-8147 DY-31A ①	26S30 Y-45 ①②	A-131X Y-45-2	① Extend lead length. ② Use original rear cover and centering device.

\* COMPONENT CONNECTION DATA

ORIGINAL → REPLACEMENT ↓	HV TRANSFORMER				VERTICAL OUTPUT			YOKE				YOKE PLUG							
	Original Connections				Original Connections			Original Connections				1	2	3	4	5	6	7	8
MERIT *					Blue	Red	Yellow	3	2 7	1	4	6				4	1 7	2 3	
STANCOR † ▲					Blue	Black	Red	3	2 7	1	4	6				4	1 7	2 3	
THORDARSON †					Blue	Red	Yellow	1	2 7	3	6	4				6	3	2 7	1
TRIAD ▲					Blue	Red	Yellow	3	2 7	1	4	6				4	1 7	2 3	

- \* Connect original horizontal damping capacitor (95mmf) between yoke terminals #3 and #7 and remove jumper from yoke plug pins #6 and #7.
- † Remove jumper from yoke terminals #1 and #4 and add a lead from yoke terminal #4 to yoke plug pin #1.
- ▲ Remove all leads from yoke plug and reconnect all leads as shown below.
- ‡ Remove jumper from yoke terminals #3 and #6 and add a lead from yoke terminal #6 to yoke plug pin #1.

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					NOTES
	PRI.	SEC.	CORONADO PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T4	2350Ω	3-4 Ω	51X0235-003	A-3025	A-3332	24S53	S-12X	

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		CORONADO PART No.	QUAM PART No.	
SP1	3" x 5" PM 3-4Ω	12A630	35A05	

COMPONENT COMBINATIONS

ITEM No.	USE	DESCRIPTION	CORONADO PART NO.	REPLACEMENT DATA
K1	Audio Network	680Ω, 470K, 680mmf, .005mfd	76X0055-001	Aerovox PA-763 ① Centralab PC-406 ①
K2	Sync Takeoff	270K, 2.2meg, 30mmf, 150mmf, .005mfd	76X0052-001	Centralab PC-454

① Add 120K resistor in series with lead #2.

MISCELLANEOUS

ITEM No.	PART NAME	CORONADO PART No.	NOTES
M1 M2 M3 M4	VHF Tuner UHF Tuner Diode Diode Printed Circuit Board Printed Circuit Board	25A1241-004 25A1243-002 66X0020-001 66X0025-001 38A2880-000 38A2724-000	Video Detector Dual Horizontal AFC IF, Complete, less tubes Sweep, Complete, less tubes

CABINETS & CABINET PARTS

(When Ordering Specify Model, Chassis & Color)

WIRING DATA

High Voltage Lead .....	Use BELDEN No. 8869 (17KV) or 8868 (25KV)
Shielded Hook-up Wire .....	Use BELDEN No. 8885 (Single Conductor) 8738 (Two Conductor)
General-use Unshielded Hook-up Wire .....	Use BELDEN No. 8530 (Solid) Available in 12 Colors 8524 (Stranded) Available in 12 Colors
Power Cord (Interlock Type) .....	Use BELDEN No. 8874 (Rubber) or 8895 (Plastic)
300Ω Tuner Input Lead .....	Use BELDEN No. 8225
300Ω Antenna Lead-in .....	Use BELDEN No. 8230 or 8275
Antenna Rotor Cable .....	Use BELDEN No. 8484 (Flat) or 8484 (Round) - 4 Conductor 8485 (Round) - 5 Conductor 8488 (Round) - 8 Conductor

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