



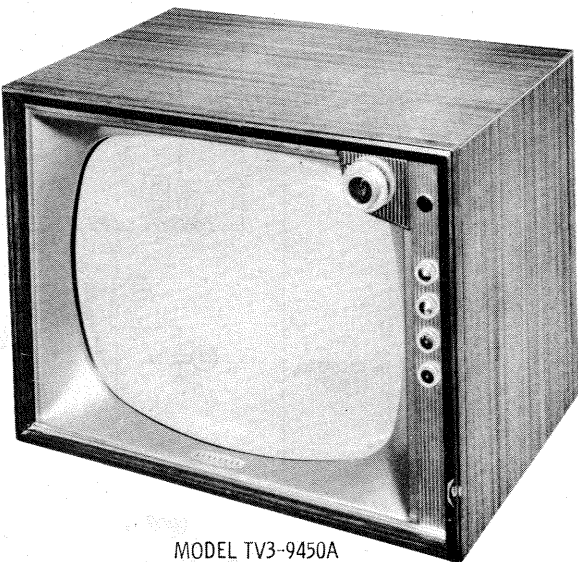
DISASSEMBLY INSTRUCTIONS

CHASSIS REMOVAL

- 1. Remove 6 push-on type knobs from the front.
- 2. Remove 10 wood screws from the rear cover. Remove the rear cover.
- 3. Remove 2 wood screws holding the AC interlock.
- 4. Remove 3 wood screws from the control panel.
- 5. Remove the speaker leads, picture tube socket, yoke plugs and HV lead.
- 6. Remove 2 wood screws from the top chassis braces.
- 7. Remove 2 wood screws from the bottom chassis braces.
- 8. Remove the chassis.

CAUTION NOTE

ONE SIDE OF AC LINE CONNECTED TO CHASSIS
Care should be exercised when connecting test equipment or physically contacting the chassis.



MODEL TV3-9450A

TRADE NAME	Coronado	MODELS	TV3-9450A, TV3-9455A, TV3-9456A, TV3-9460A, B, TV3-9461A, B
SUPPLIER	Gamble-Skogmo, Inc., 15 North 8th. Street, Minneapolis, Minn.		
TYPE SET	Television Receiver		
TUBES	Thirteen		
POWER SUPPLY	110-120 Volts AC, 60 Cycle	RATING	115 Watts, 1.1 Amp. @ 117 Volts AC
TUNING RANGE	Channels 2 thru 13 VHF, Video IF 45.75MC, Sound IF 41.25MC (intercarrier)		

SERVICING IN THE FIELD

TUNER OSCILLATOR ADJUSTMENTS

Touch-up adjustment of the VHF oscillator is possible by removing the rear cover. Supply power to the receiver. Set the fine tuning at the center of its range. The adjustments are accessible, one at a time, through a hole in the right side of the tuner rear cover as viewed from the rear. Adjust for best picture and sound.

PICTURE TUBE SAFETY GLASS CLEANING

Remove 4 wood screws from the strip at the top of the safety glass. Tilt out at the top and lift up to remove.

FOCUS

The focus may be varied by the position of a strap on the base of the picture tube. The strap can be connected between pins 6 and 10 or 6 and 2.

HORIZONTAL OSCILLATOR FIELD ADJUSTMENTS

For adjustment of the horizontal oscillator, it is necessary to remove the rear cover and supply power to set. Set the horizontal hold at the center of its range and adjust the horizontal frequency slug (B1) until the picture synchronizes horizontally. (For location, see tube placement chart).

FUSE DEVICE

A 4.7Ω fusible resistor (R61) is used for LV power supply protection. (For location, see tube placement chart).

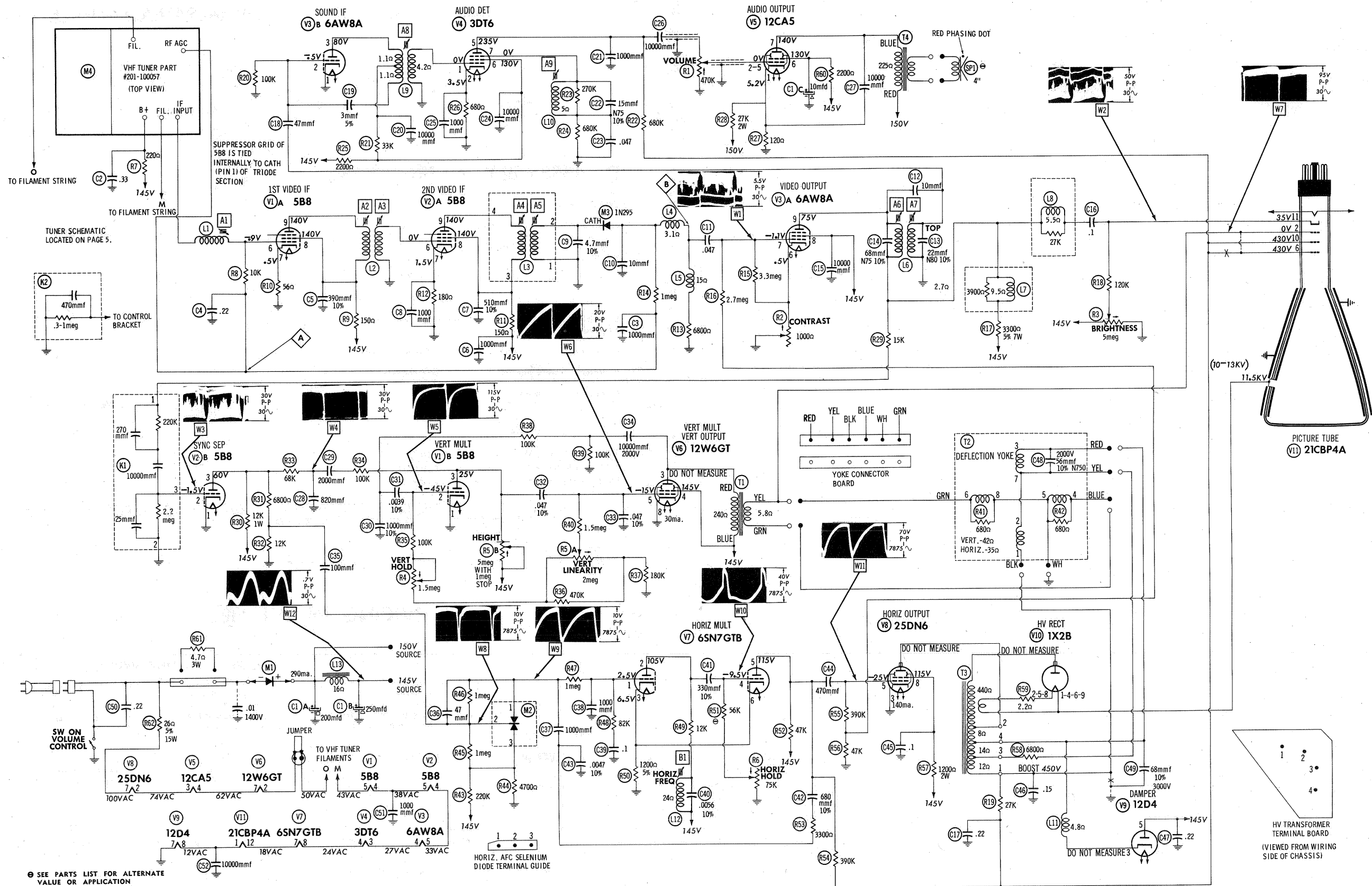
CENTERING

Centering is accomplished mechanically by adjusting two magnetic rings around the neck of the picture tube. Rotate the two rings around the neck of the tube until the picture is properly centered.

HOWARD W. SAMS & CO., INC. • Indianapolis 5, Indiana

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SEE PARTS LIST FOR ALTERNATE VALUE OR APPLICATION

DC COIL RESISTANCE VALUES UNDER ONE OHM NOT SHOWN ON SCHEMATIC DIAGRAM

ARROWS ON CONTROLS INDICATE CLOCKWISE ROTATION (CONTROL VIEWED FROM SHAFT END)

WAVEFORMS TAKEN WITH CONTROLS SET TO PRODUCE 50 VOLTS PEAK-TO-PEAK SIGNAL AT PICTURE TUBE

1. DC voltage measurements taken with vacuum tube voltmeter; AC voltage measured at 1000 ohms per volt.

2. Pin numbers are counted in 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. All controls set for normal operation; no signal applied.

A PHOTOFAC STANDARD NOTATION SCHEMATIC
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CORONADO MODELS TV3-9450A, 9455A, 9456A, 9460A, B, 9461A, B

CORONADO MODELS TV3-9450A, 9455A, 9456A, 9460A, B, 9461A, B

FOLDER 2

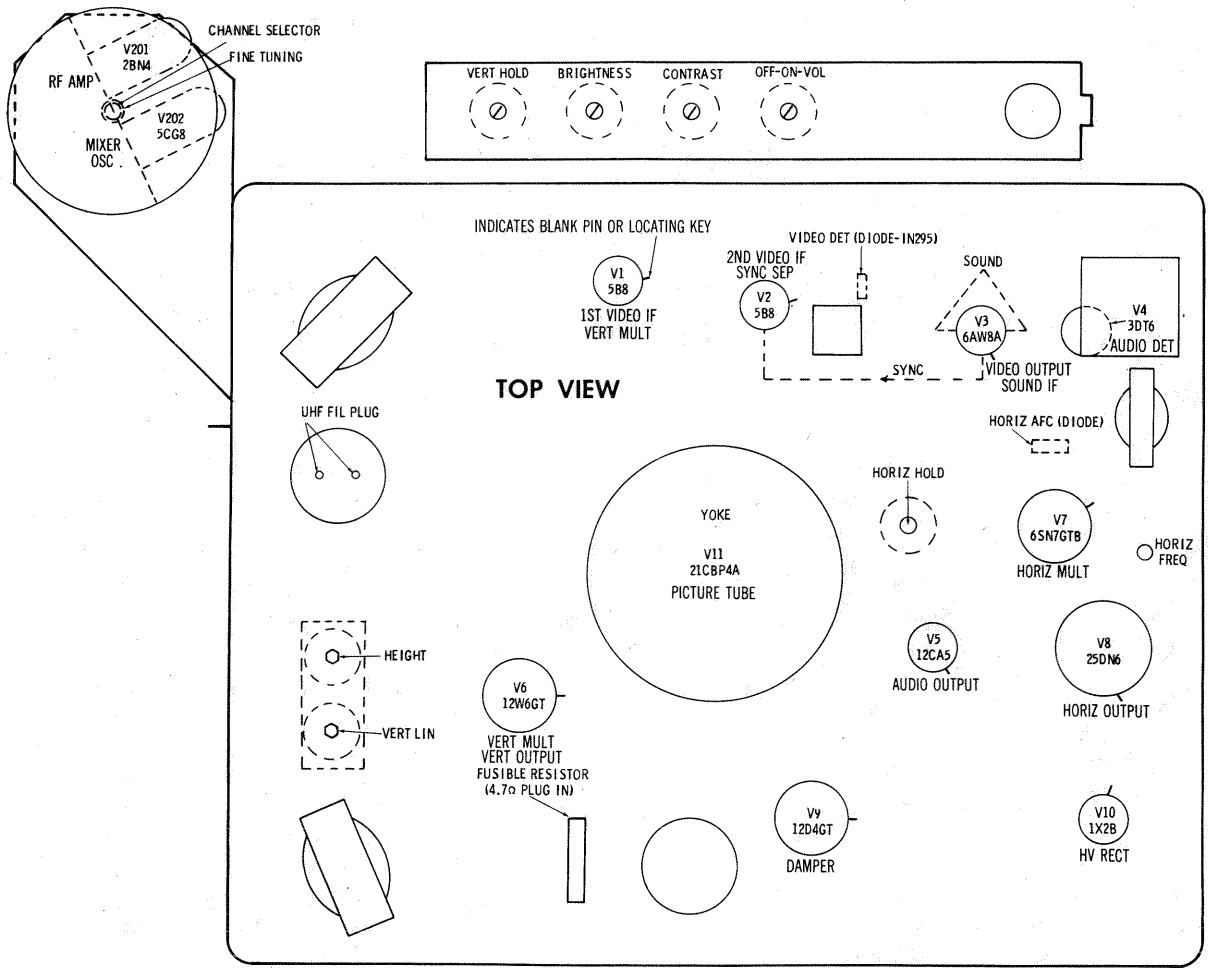
RESISTANCE MEASUREMENTS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	5B8	0Ω	• 1meg	• † 2meg	8.5Ω	9.5Ω	1meg	56Ω	† 150Ω	† 150Ω
V2	5B8	0Ω	2.2meg	† 8000Ω	7.5Ω	8.5Ω	.1Ω	180Ω	† 150Ω	† 150Ω
V3	6AW8A	0Ω	100K	† 35K	5.5Ω	7.5Ω	• 60Ω	1.3meg	† 16Ω	† 3300Ω
V4	3DT6	4.2Ω	680Ω	5.5Ω	5Ω	† 700K	† 2200Ω	680K		
V5	12CA5	120Ω	0Ω	16Ω	13Ω	0Ω	† 2200Ω	† 225Ω		
V6	12W6GT	TP	11Ω	† 256Ω	† 16Ω	• 2meg	TP	13.5Ω	0Ω	
V7	6SN7GTB	2meg	† 12K	1200Ω	• 80K	† 47K	1200Ω	3.5Ω	5Ω	
V8	25D6	TP	16Ω	0Ω	1meg	430K	TP	20Ω	† 1200Ω	TOP CAP † 13Ω
V9	12D4	NC	TP	†	NC	† 16Ω	NC	0Ω	2Ω	
V10	1X2B			PINS 1 THRU 9 HAVE INFINITE RESISTANCE						TOP CAP † 453Ω
V11	21CBP4A	2Ω	11Ω	† 27K	† 27K	† 150K	3.5Ω			
V201	2BN4	0Ω	1meg	11Ω	10.5Ω	† 1200Ω	0Ω	1meg		
V202	5CG8	10K	† 5800Ω	0Ω	9.5Ω	10.5Ω	† 1200Ω	† 10K	0Ω	230K

THIS READING CAN VARY GREATLY, (10K MINIMUM), DUE TO THE CONDITION OF THE ELECTROLYTIC CAPACITOR CONNECTED IN THE ASSOCIATED CIRCUIT. THIS READING WILL VARY. CONTROL SET FOR NORMAL OPERATION. MEASURED FROM 150V SOURCE. MEASURED FROM PIN 3 OF V9. NO CONNECTION. TIE POINT.

•
†
†
NC
TP

TUBE PLACEMENT CHART



TUBE FAILURE CHECK CHART

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

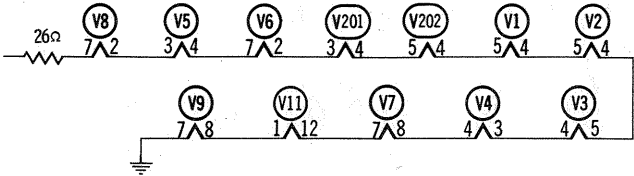
POWER SUPPLY FAILURE
No raster, no sound - Fusible Resistor (R81), Rectifier (M1)

LOSS OF PICTURE OR SOUND
No pic, no sound, has raster - V1, V2, Diode (M3), V3
No pic, no sound, has snow - V201, V202
No pic, has sound, has raster - V3, V11
Has pic, no sound - V3, V4, V5

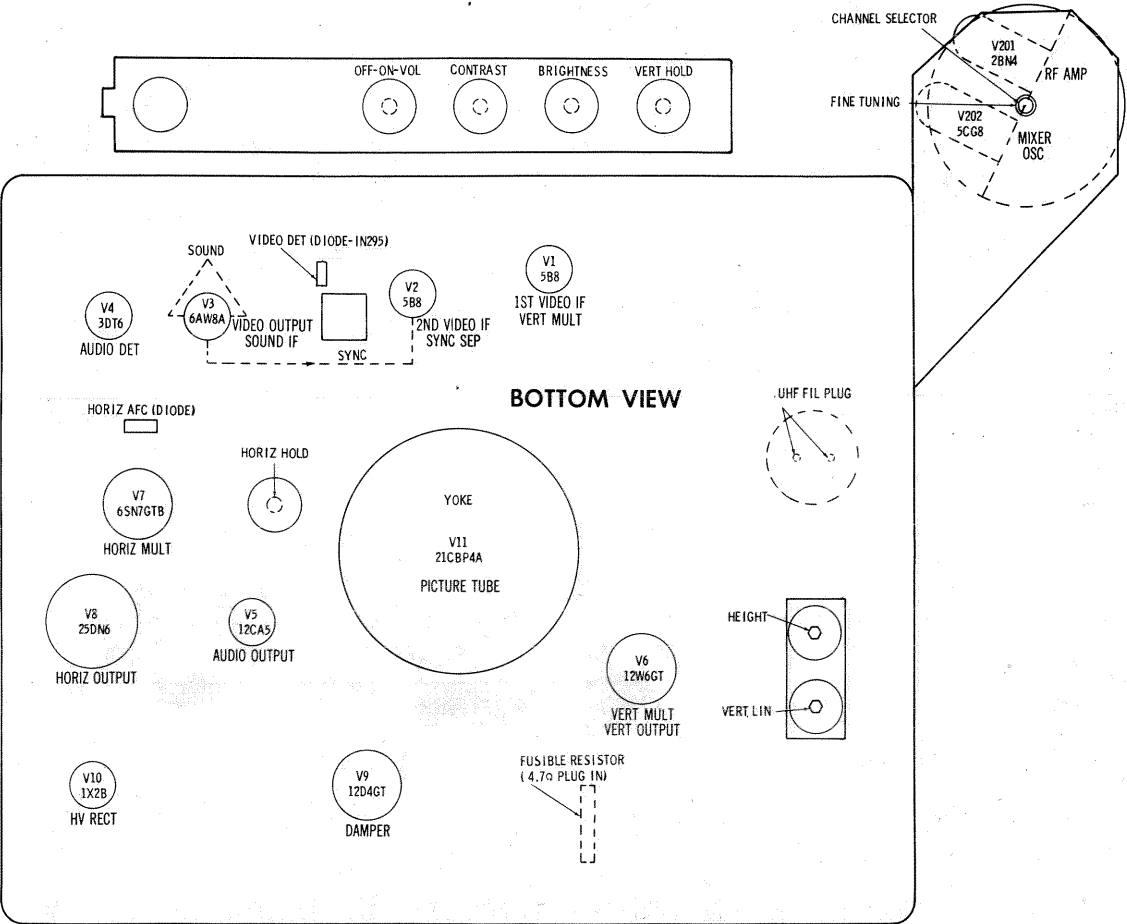
SYNC FAILURE
No vert. sync - V2
No horiz. sync - V2, Rectifier (M2)
No vert. or horiz. sync - V2

SWEEP FAILURE
No raster, has sound - M2, V7, V8, V9, V10, V11
No vertical deflection - V1, V6
Poor vert. linearity or foldover - V1, V6
Poor horiz. linearity or foldover - V7, V8, V9
Narrow picture - V7, V8, V9, M1
Vert. off freq. - V1, V6
Horiz. off freq. - V7

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

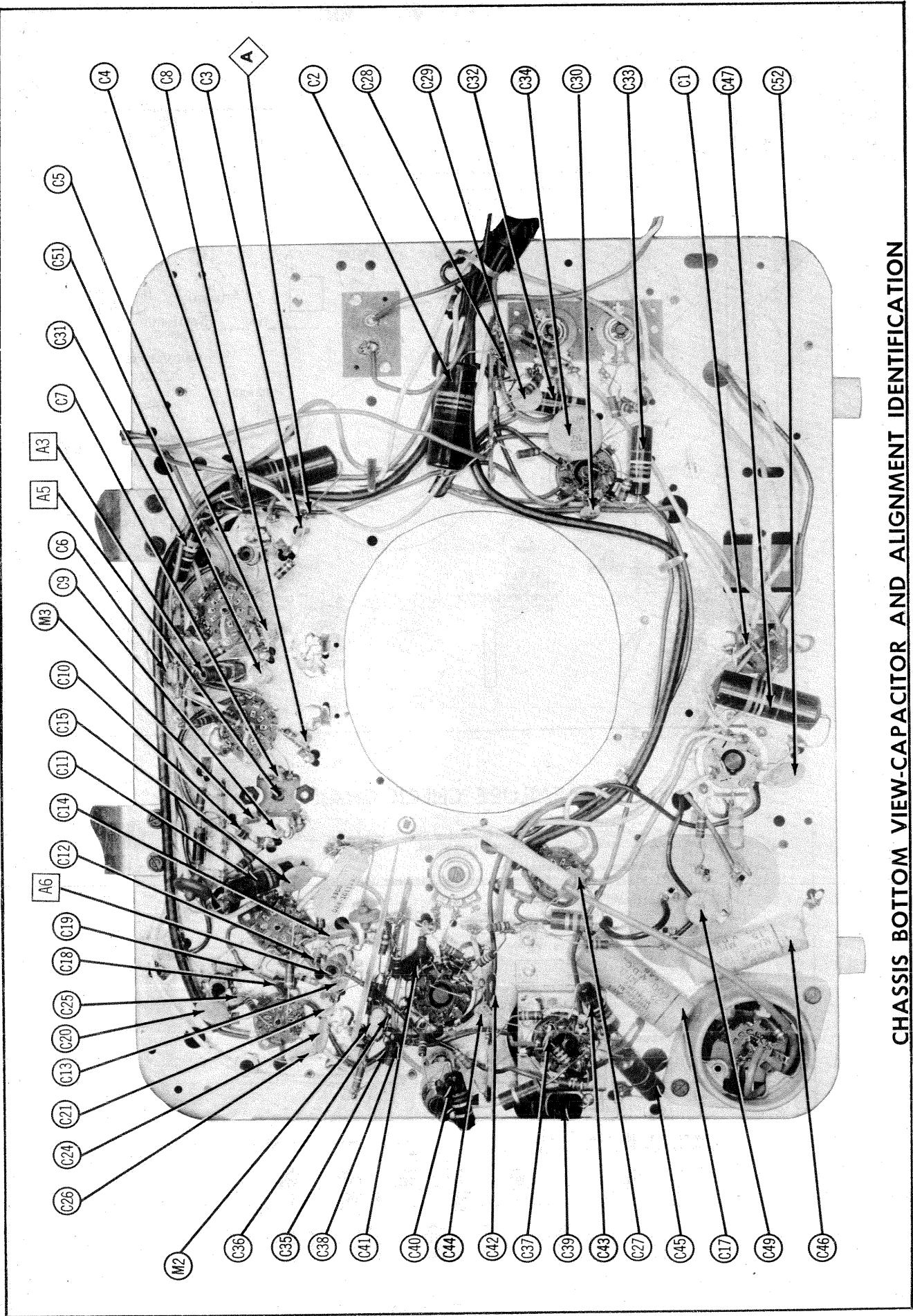


TUBE PLACEMENT CHART

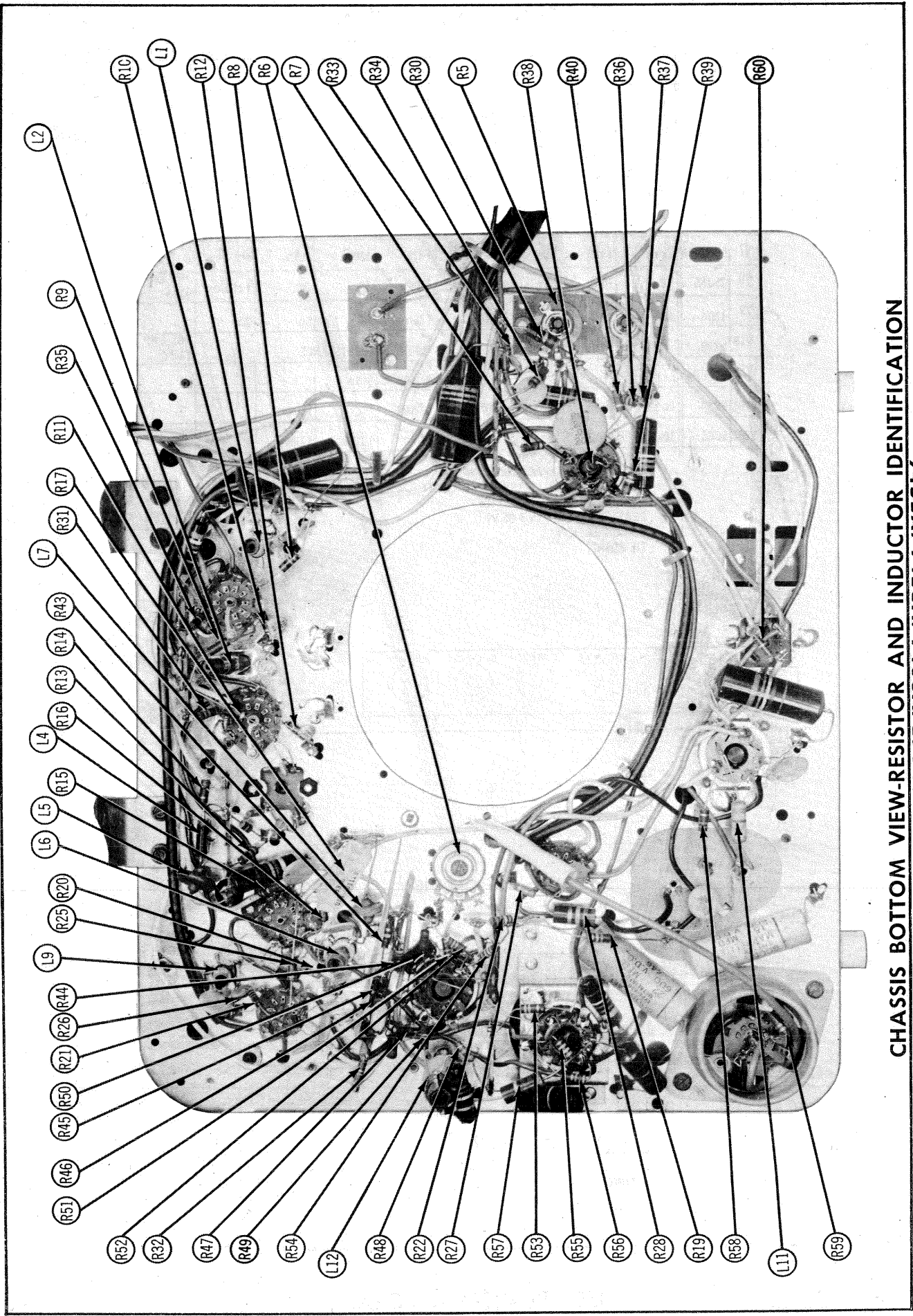


CORONADO MODELS TV3-9450A, 9455A, 9456A, 9460A, B, 9461A, B

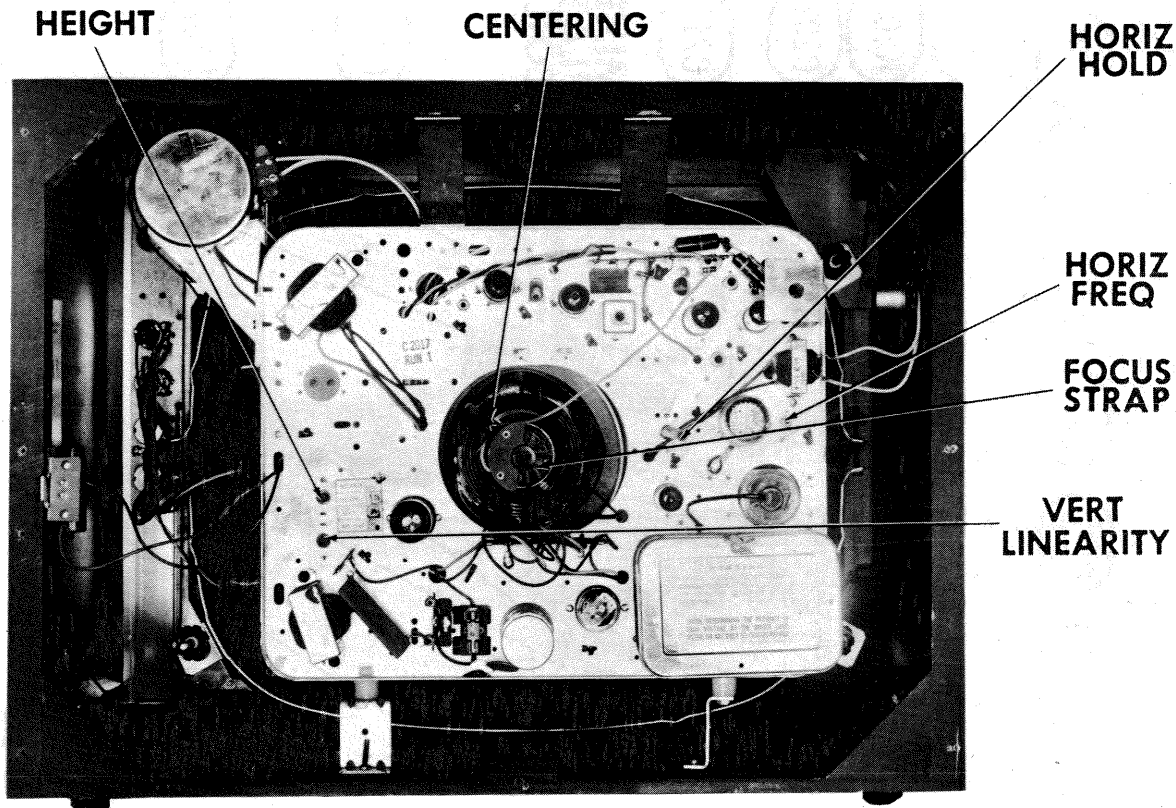
FOLDER 2



CHASSIS BOTTOM VIEW-CAPACITOR AND ALIGNMENT IDENTIFICATION



CORONADO MODELS TV3-9450A,
9455A, 9456A, 9460A, B, 9461A, B
NOTIFICATION INDICATOR AND RESISTOR-INDUCTOR IDENTIFICATION



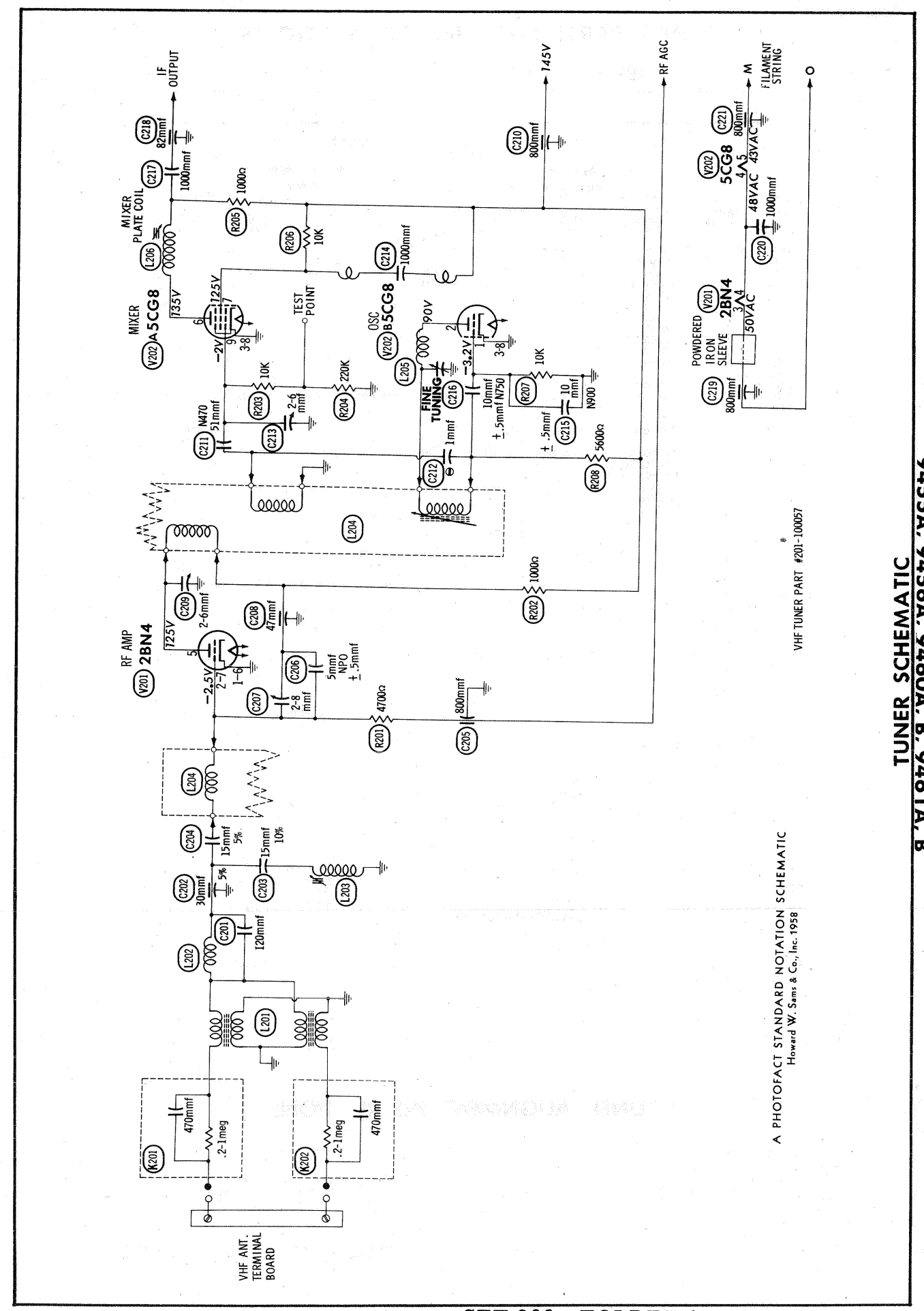
CABINET-REAR VIEW

HORIZONTAL SWEEP CIRCUIT ADJUSTMENTS

Turn the set on and tune in a TV station, preferably with a test pattern.

Set the horizontal hold control to the center of its range and adjust the horizontal frequency slug (B1) until the picture synchronizes horizontally.

Check other stations and if necessary, retouch B1 for best sync on all channels.



**CORONADO MODELS TV3-9450A,
9455A, 9456A, 9460A, B, 9461A, B
CITIZENS JENNI**

TUNER PARTS LIST AND DESCRIPTIONS

TUBES (GENERAL ELECTRIC, SYLVANIA)

ITEM No.	USE	TYPE	NOTES
V201	RF Amplifier	2BN4	
ITEM No.	USE	TYPE	NOTES
V202	Mixer-Osc.	5CG8	

FIXED CAPACITORS

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

ITEM No.	RATING		CORONADO PART No.	AEROVOX PART No.	CENTRALAB PART No.	REPLACEMENT DATA			NOTES
	CAP.	VOLT				CORNELL-DUBILIER PART No.	ERIE PART No.	MALLORY PART No.	
C201	120		121-001521	DI-00012	DD-121	L10T12	ED-102	UC-5312	5GA-T12
C202	30		121-001522						
C203	15		121-001523	NPO-DI 15	TCZ-15	C10Q15C	TCO-15	ZT-5415	5TCC-Q15
C204	15		121-001524	NPO-DI 15	TCZ-15	C10Q15C	TCO-15	ZT-5415	5TCC-Q15
C205	800		121-001525						
C206	5		121-001526	NPO-DI 5	TCZ-4R7		TCO-5		
C207	2-8		121-001536						
C208	47		121-001537						
C209	2-6		121-001527						
C210	800		121-001525						
C211	51		121-001528						
C212	1								
C213	2-6		121-001527						
C214	1000		121-001658	BPD-001	DD-102	BYA6DI	ED-1000	DC521	5HK-DI
C215	10		121-001530						
C216	10		121-001532	N750-DI 10	TCN-10		TC7-10		
C217	1000		121-001533	BPD-001	DD-102	BYA6DI	ED-1000	DC521	5HK-DI
C218	82		121-001534						
C219	800		121-001525	BPD-001	DD-102	BYA6DI	ED-1000	DC521	5HK-DI
C220	1000		121-001533						
C221	800		121-001525						

① Some versions may use 1.5mmf ± .25mmf (Part #13D-111-6) in this application.

RESISTORS

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

ITEM No.	RATING		CORONADO PART No.	NOTES
	OHMS	WATT		
R201	47000Ω		451-253472	
R202	1000Ω		451-253102	
R203	10K		451-253103	
R204	220K		451-253224	
ITEM No.	RATING		CORONADO PART No.	NOTES
	OHMS	WATT		
R205	1000Ω		451-253102	
R206	10K		251-253103	
R207	10K		451-253103	
R208	5600Ω		451-252562	

COILS (RF-IF)

ITEM No.	USE	CORONADO PART No.	NOTES
L201	Ant. Trans.	121-001544	
L202	IF Trap Coil	121-001538	
L203	IF Trap Coil	121-001539	
L204	Coil Assy.	121-001540	Includes rotor
ITEM No.	USE	CORONADO PART No.	NOTES
L205	RF Choke	121-001541	
L206	Mixer Plate Coil	121-001542	

COMPONENT COMBINATIONS

ITEM No.	USE	DESCRIPTION	CORONADO PART No.	REPLACEMENT DATA
K201	Antenna Isolation	470mmf, .2-lmeg		Centralab RC-47I Sprague R-9197
K202	Antenna Isolation	470mmf, .2-lmeg		Centralab RC-47I Sprague R-9197

MISCELLANEOUS

ITEM No.	PART NAME	CORONADO PART No.	NOTES
M201	Antenna Input Assy. Shaft & Rotor Assy.	121-001556	Includes K201, K202, L201
		121-001588	Includes L204

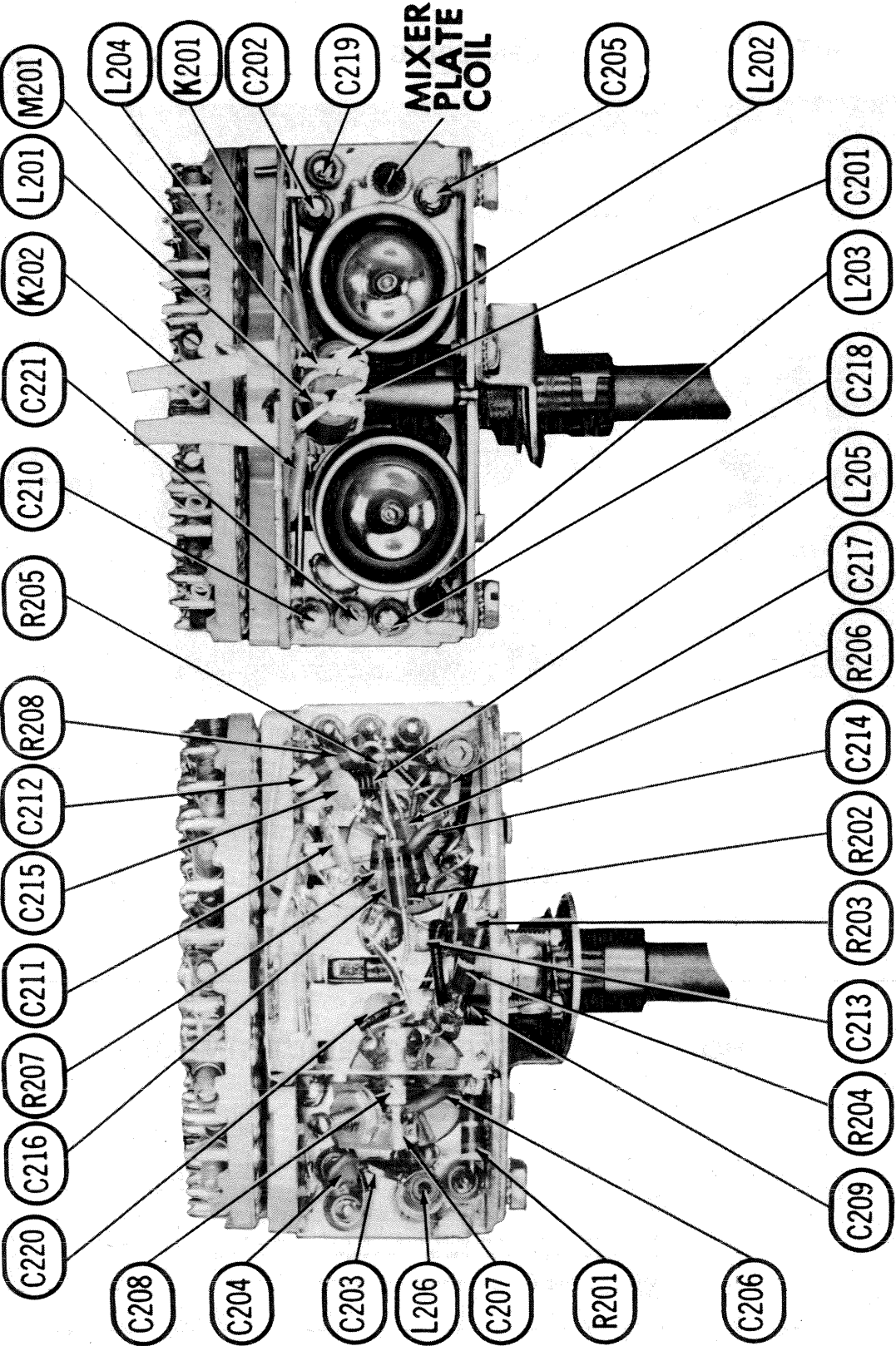
TUNER ALIGNMENT INSTRUCTIONS

OSCILLATOR ALIGNMENT

For adjustment of the oscillator adjustment slugs, it is necessary to remove the rear cover of the receiver. The slugs are reached thru a hole in the tuner rear cover at about 6 o'clock. The oscillator slugs are accessible, one at a time, as the channel selector is rotated. Adjust for best picture and sound.

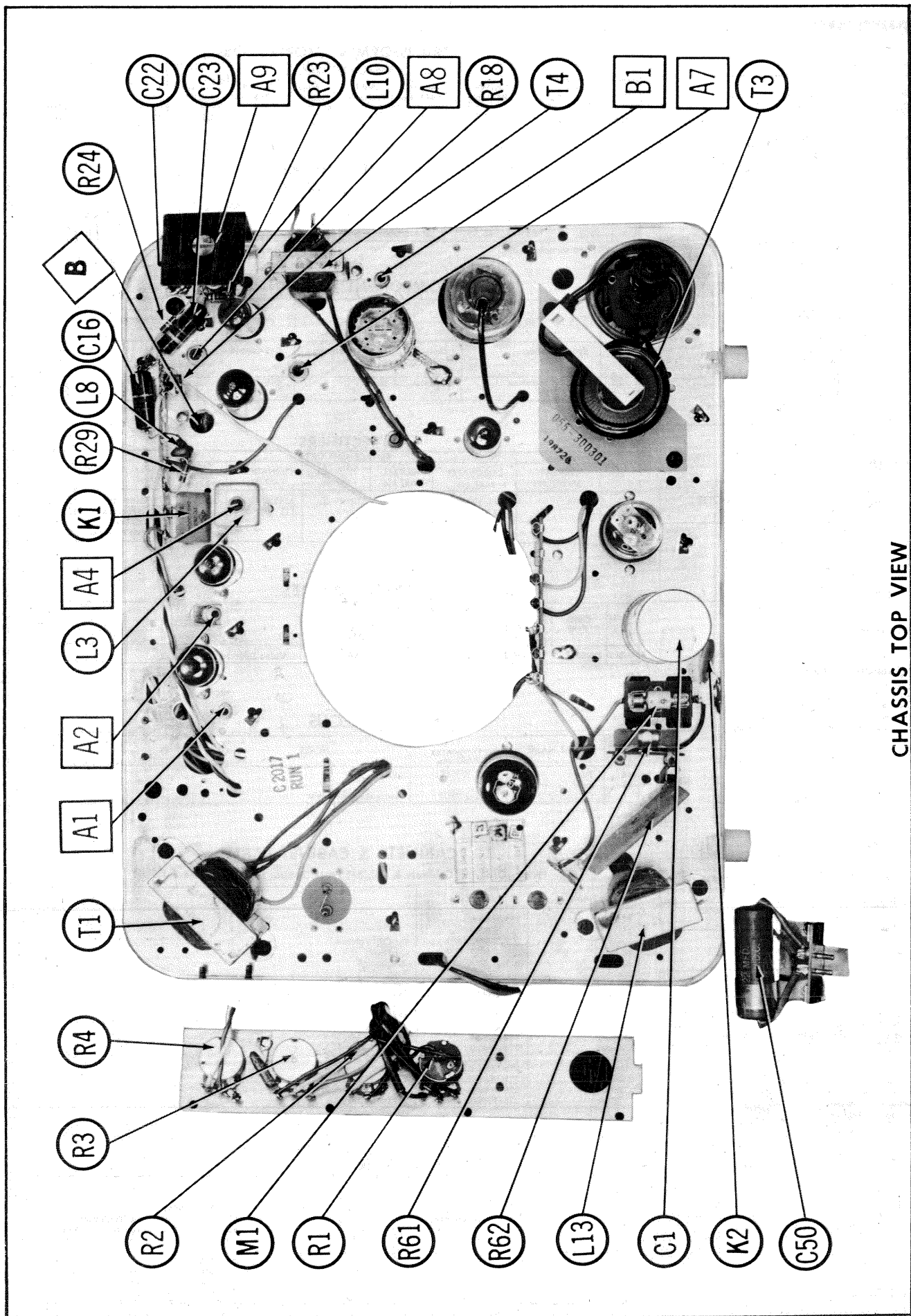
RF AND MIXER ALIGNMENT

This portion of the receiver has been properly aligned at the factory and is very stable. Alignment of this portion should not be required in the field.



CORONADO MODELS TV3-9450A,
9455A, 9456A, 9460A, B, 9461A, B
RENTAL FR

FOLDER 2



CHASSIS TOP VIEW

ALIGNMENT INSTRUCTIONS

PRE-ALIGNMENT INSTRUCTIONS

USE AN ISOLATION TRANSFORMER TO PROTECT THE TEST EQUIPMENT.
The high voltage lead should be securely taped and kept away from the chassis.
Allow a 20 minute warm-up period for the receiver and test equipment.

VIDEO IF ALIGNMENT

Connect the negative lead of a 3 volt bias supply to point \diamond . Positive to chassis.
Disable the local oscillator by replacing the mixer-osc. tube (V202) with one having the oscillator grid pin removed.
Disconnect the antenna lead and connect a short across the antenna terminals.
Connect the synchronized sweep voltage from the sweep generator to the horizontal input of the oscilloscope for horizontal deflection.
Use only enough sweep generator output to provide a usable pattern on scope.

DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
1. Direct	High side to ungrounded tube shield floating over mixer-osc. tube (V202). Low side to chassis.	44.0MC (10MC Swp)	42.75MC 45.75MC	Any non-interfering channel	Vert. Amp. thru detector (Fig. 1) to (plate) pin 9 of 5B8 (V1). Low side to chassis.	Mixer Plate Coil & A1	Adjust for response similar to Fig. 2 with markers as shown.
2. 1000mmf Ceramic Capacitor	High side to pin 6 (grid) of 5B8 (V1). Low side to chassis.	"	"	"	Vert. Amp. thru detector (Fig. 1) to pin 9 (plate) of 5B8 (V2). Low side to chassis.	A2, A3	"
3. "	High side to pin 6 (grid) of 5B8 (V2). Low side to chassis.	"	"	"	Vert. Amp. thru 10K to point \diamond . Low side to chassis. (Across video det. load).	A4, A5	"
4. Direct	High side to ungrounded tube shield floating over mixer-osc. tube (V202). Low side to chassis.	"	"	"	"		Retouch mixer plate coil and A1 thru A5 to correct for curve similar to Fig. 3. Remove bias and replace the mixer-osc. tube.

SOUND IF ALIGNMENT

Set the contrast control fully clockwise and the volume control at mid-range.

DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
5. 1000mmf Ceramic Capacitor	High side to point \diamond . Low side to chassis.	Not used	4.5MC (400v 30% AM Mod)	Any non-interfering channel	Vert. Amp. thru detector (Fig. 4) to pin 11 (cathode) of picture tube. Low side to chassis.	A6, A7	Turn A6 fully counter clockwise. Turn A7 fully clockwise (from top). Adjust A6 clockwise for MINIMUM scope indication.
6. "	"	4.5MC (15KC Swp)	Not used	"	Across secondary of output transformer	A7, A8, A9	Use only enough sweep generator output to provide a usable pattern on scope. Turn A9 fully counter clockwise. Adjust A7, A8 And A9 for maximum indication on scope. Remove test equipment and tune in a TV station. Retouch A9 for MINIMUM buzz.

TUNER ALIGNMENT INSTRUCTIONS LOCATED ON PAGE 6.

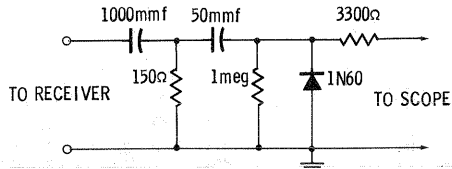


FIG. 1

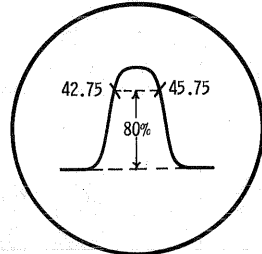


FIG. 2

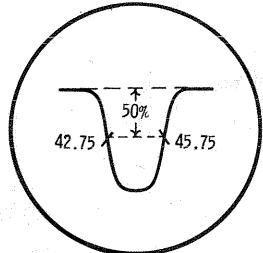


FIG. 3

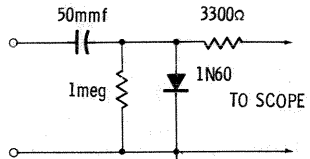


FIG. 4

CORONADO MODELS TV-3-9450A, 9455A, 9456A, 9460A, B, 9461A, B

FOLDER 2

PARTS LIST AND DESCRIPTIONS
RESISTORS

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

ITEM No.	USE	TYPE	NOTES
V1	1st. Video IF Amp. - Vert. Mult.		
V2	2nd. Video IF Amp. - Sync Sep.		
V3	Video Output-Sound IF Amp	6AW8A	
V4	Audio Det.	3DT6	

PICTURE TUBE

ITEM No.	REPLACEMENT DATA	NOTES
CORONADO PART No.	GENERAL ELECTRIC PART No.	SYLVANIA PART No.
VII 2ICBP4A	2ICBP4-A ①	① "Silverama" ③ ② "Silver Screen 85"

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA
CAP.	VOLT.	CORONADO PART No.
CLA 200	200	245-300001
CLB 250	200	AFHS3-13-90
CLC 10	200	XC0129

* Non-catalog item.

FIXED CAPACITORS

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

ITEM No.	RATING	REPLACEMENT DATA	NOTES
CAP.	VOLT.	CORONADO PART No.	AEROVOX PART No.
C2 33	200	501-014334	P288N-33
C3 1000		047-100230	BPD-001
C4 22	200	501-014224	P288N-22
C5 390		047-100659	
C6 1000		047-100230	BPD-001
C7 510		247-100001	
C8 1000		047-100230	BPD-001
C9 4.7		047-200403-06	NPO-SI 4.7
C10 10		047-100160-11	SI 10
C11 .047	200	501-014473	P288N-047
C12 10		047-100160-11	SI 10
C13 22		047-200634	
C14 68		047-100635	
C15 10000		047-100224	BPD-01
C16 .1	200	501-014104	P288N-1
C17 .22	600	501-034224	P688N-22
C18 47		478-027470	SI 47
C19 3		047-100607	
C20 10000		047-100224	BPD-01
C21 1000		047-100230	BPD-001
C22 15		047-200480	
C23 .047	200	501-014473	P288N-047
C24 10000		047-100224	BPD-01
C25 1000		047-100230	BPD-001
C26 10000		047-100224	BPD-01
C27 10000		047-100224	BPD-01
C28 820		047-100606	
C29 2000		047-100695	BPD-02
C30 1000		047-100586	
C31 .0039	400	222-300003	
C32 .047	200	501-011473	
C33 .047	200	501-011473	
C34 10000	2000	047-100708	
C35 100		478-027101	SI 100
C36 47		478-027470	SI 47
C37 1000		047-100503	BPD-001
C38 1000		047-100230	BPD-001
C39 .1	200	501-014104	P288N-1
C40 .0056	400	246-300004	
C41 330	247	247-300010	1469-00033
C42 680		247-100014	1469-00068
C43 .0047	200	501-014172	
C44 470		047-100643	BPD-00047
C45 .1	200	501-014104	P288N-1
C46 .15	600	501-034154	P688N-15
C47 .22	200	501-014224	P288N-22
C48 56	2000	047-200637	
C49 68	3000	047-200473	
C50 .22	600	499-034224	P688N-22
C51 1000		047-100230	BPD-001
C52 10000		047-100224	BPD-01

CONTROLS

ITEM No.	RATING	REPLACEMENT DATA	INSTALLATION NOTES
RESISTANCE	WATTS	CORONADO PART No.	CENTRALAB PART No.
RIA 470K	1/2	225-200012	B-60
B Shaft			Not Req.
C Switch			KB-1 *
R2A 1000Ω	1/2	225-200014	B-505
B Shaft			Not Req.
R3A 5meg	1/2	225-200013	
B Shaft			
R4A 1.5meg	1/2	225-200016	B-742
B Shaft			Not Req.
REA 2meg	1/2	025-201386	FS-3
B 5meg			Not Req.
REA 75K		025-101305	AB-35
B Shaft			AK-19

* Use KR-1 with red label control.
① Alternate part #025-201305 may be used in some versions.

ITEM No.	RATING	CORONADO PART No.	NOTES
OHMS	WATT		
R7 220Ω		451-252221	
R8 10K		451-252103	
R9 150Ω		451-252151	
R10 56Ω		451-252560	
R11 150Ω		451-252151	
R12 180Ω		451-252181	
R13 6800Ω		451-252682	
R14 1meg		451-252105	
R15 3.3meg		451-252335	
R16 2.7meg		451-252275	
R17 3300Ω 5%	7	024-101123	
R18 120K		451-252124	
R19 27K		451-252273	
R20 100K		451-202104	
R21 33K		451-252333	
R22 680K		451-252684	
R23 270K		451-252274	
R24 680K		451-252684	
R25 2200Ω		451-252222	
R26 680Ω		451-252681	
R27 120Ω		451-252121	
R28 27K		451-652273	
R29 15K		451-252153	
R30 12K		451-352123	
R31 6800Ω		451-252682	
R32 12K		451-252123	
R33 68K		451-252683	
R34 100K		451-252104	

Note 1. Some versions may use 68K (Part #451-252683) in this application.

TRANSFORMERS (SWEEP CIRCUITS)

ITEM No.	USE	REPLACEMENT DATA	NOTES
CORONADO PART No.	Halldorson PART No.	Merit PART No.	Ram PART No.
T1 Vert. Output	255-100011	Z1900 ①	26875 ①
T2A Yoke-Horiz. (25MH)	053-300396	DF-610 ③ ④	Y-45 & NW19 ④
B 90°-Vert. (40MH)		MDF-92 ③ ④	
M5 Rear Cover & Centering Device	221-300003	Y90F19/43 ③ ④	
T3 Yoke Clamp Horiz. Output	276-200024	HVO-134	HO-297 *

- ① Use 6 to 1 turns ratio.
② Drill new mounting hole(s).
③ Use original yoke damping network, if necessary. Use original rear cover and centering device.
④ Connect same as original.

* HORIZONTAL OUTPUT TRANSFORMER CONNECTION DATA

Use Original Width Coil Unless Replacement Type Is Listed

	ORIGINAL TERMINAL CONNECTIONS	Halldorson Replacement Connections	Merit Replacement Connections	Ram Replacement Connections	Stancor Replacement Connections	Thordarson Replacement Connections	Triad Replacement Connections
2				2	2		
4				4	4		
3				3	3		
1				1	1		

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE	REPLACEMENT DATA	NOTES
PRI.	SEC.	CORONADO PART No.	Halldorson PART No.
T4 4000Ω	3-4Ω	255-100012	Z1107 ①

ITEM No.	TYPE	REPLACEMENT DATA	NOTES
SIZE	FIELD	V. C. IMP.	CORONADO PART No.
SP1 4"	PM	3-4Ω	285-300007①
6"	PM		285-300005②

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA	NOTES
CORONADO PART No.	Meissner PART No.	Merit PART No.	Miller PART No.
L1 1st. Video IF	051-202167	17-4534	TV-131
L2 2nd. Video IF	051-202168		
L3 3rd. Video IF	050-200688		
L4 RF Choke	053-100307		TV-207
L5 Shunt Peaking Coil	051-102102		TV-120
L6A 4.5MC Trap	051-201996		
B 1st. Sound IF	051-102101	19-4400 *	TV-201 *
L7 Shunt Peaking Coil			6134 *
L8 Series Peaking Coil	051-102184	19-3160 ▲	TV-196 ▲
L9 2nd. Sound IF	051-202166		6120 ▲
L10 Quadrature Coil	051-201857	20-1005 *	VP-5 ▲
L11 RF Choke	053-100342		

* Parallel with 3900Ω resistor.
▲ Drill new mounting hole.

TRANSFORMER (HORIZ. OSC.)

ITEM No.	DC RES.	REPLACEMENT DATA	NOTES
PRI.	SEC.	CORONADO PART No.	Meissner PART No.
L12 24Ω		051-202169	19-1575

FILTER CHOKE

ITEM No.	RATINGS	REPLACEMENT DATA	NOTES
CURRENT (Measured)	DC RES.	INDUCTANCE (0. CURRENT 1000 Ω)	CORONADO PART No.
L13 .250A	16Ω	.46 Hy.	256-200002

① Drill new mounting hole.

COMPONENT COMBINATIONS

ITEM No.	USE	DESCRIPTION	CORONADO PART No.	REPLACEMENT DATA
K1	Sync Coupling	25mmf, 270mmf, 10000mmf, 330K, 2.2meg	049-100046	Aerovox Centralab PA-533 Sprague PC-263 ST-3
K2	Bracket Isolation	470mmf, .3-1meg	049-100072	Centralab Sprague RC-471 R-9177

RECTIFIERS

ITEM No.	RATING	REPLACEMENT DATA	NOTES
CURRENT (Measured)	CORONADO PART No.	FEDERAL PART No.	GENERAL ELECTRIC PART No.
M1 .290A	227-200001 ①	1215 ③ ④	1N1007 ②
M2	027-300226 ③		MR350 ③

- ① Silicon type.
② Germanium type.
③ Selenium type.
④ Two required.

CRYSTAL DIODES

ITEM No.	ORIG. TYPE	REPLACEMENT DATA	NOTES
CORONADO PART No.	CBS PART No.	SYLVANIA PART No.	
M3 1N295	019-301980	1N60	Video Detector (Pigtail)

MISCELLANEOUS

ITEM No.	PART NAME	CORONADO PART No.	NOTES
M4 M5	Tuner Rear Cover & Centering Device	201-100087	VHF

CABINETS & CABINET PARTS

(When Ordering Cabinets & Cabinet Parts, Specify Model, Chassis & Color)

NAME	PART NO.	DESCRIPTION
Safety Glass	222-100005	
Mask	207-100058	
Knob	215-200052	On-Off-Volume
Knob	215-200053	Contrast
Knob	215-200054	Brightness
Knob	215-200055	Vert. Hold
Knob	215-300056	Channel Selector
Knob	215-200057	Fine Tuning
Leg	278-300009	Models TV3-9460A, B
Leg	278-300010	Models TV3-9460A, B
Foot	061-100702	Model TV3-9450A
Cabinet	278-700019	Model TV3-9450A
Cabinet	278-700021	Model TV3-9455A
Cabinet	278-700022	Model TV3-9456A
Cabinet	278-700008	Model TV3-9460A
Cabinet	278-700007	Model TV3-9461A
Cabinet	278-700025	Model TV3-9460 B
Cabinet	278-700026	Model TV3-9461B

WIRING DATA

High Voltage Lead	Use BELDEN No. 8869
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 Ten Colors
	8524 (Stranded) Available in Ten Colors
Power Cord (Interlock Type)	Use BELDEN No. 8874
300Ω Tuner Input Lead	Use BELDEN No. 8225
300Ω Antenna Lead-in	Use BELDEN No. 8230 or 8275
Antenna Rotor Cable	Use BELDEN No. 8464 (Flat) or 8484 (Round) - 4 Conductor
	8485 (Round) - 5 Conductor
	8488 (Round) - 8 Conductor