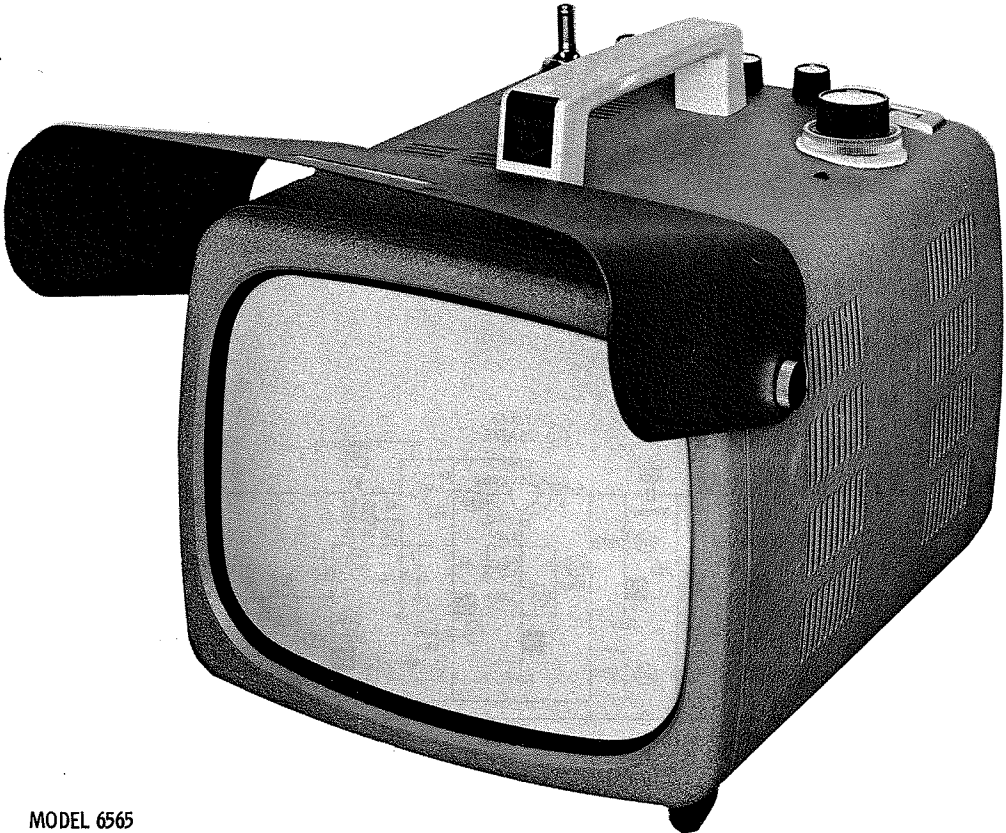


PHOTOFACT® Folder

with CIRCUITRACE®

CHANNEL MASTER
MODEL 6565



MODEL 6565

CHANNEL MASTER
MODEL 6565

TRADE NAME	Channel Master Model 6565
SUPPLIER	Channel Master Corp., Ellenville, New York
TYPE SET	Portable Television Receiver
TUBES	Three
TRANSISTOR	Twenty-Five
POWER SUPPLY	110-120 Volts AC, 60 Cycles
TUNING RANGE	Channels 2 thru 13 VHF, Video IF 26.75MC, Sound IF 22.25MC
	RATING 20 Watts, .22 Amp. @ 117 Volts AC

SERVICING IN THE FIELD

SAFETY GLASS

For picture tube and safety glass cleaning, it is necessary to remove the chassis. (See "Disassembly Instructions".)

FUSE OR FUSE DEVICE

A .5 Amp. fuse is used for AC power supply protection.

Two 2 Amp. fuses are used for 12 volt DC powersupply protection.

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 Horiz. Stab. Coil (Freq. Slug, B1). (See Photo, page 12, for location.)

FOCUS

The focus may be varied by connecting the lead from pin 4 of the picture tube to various voltage points. (For location, see photo, page 14, "Horizontal Output - Top View".)

BUZZ ADJUSTMENT

To eliminate intercarrier buzz, adjust the Ratio Detector secondary (A11) located on top of chassis.

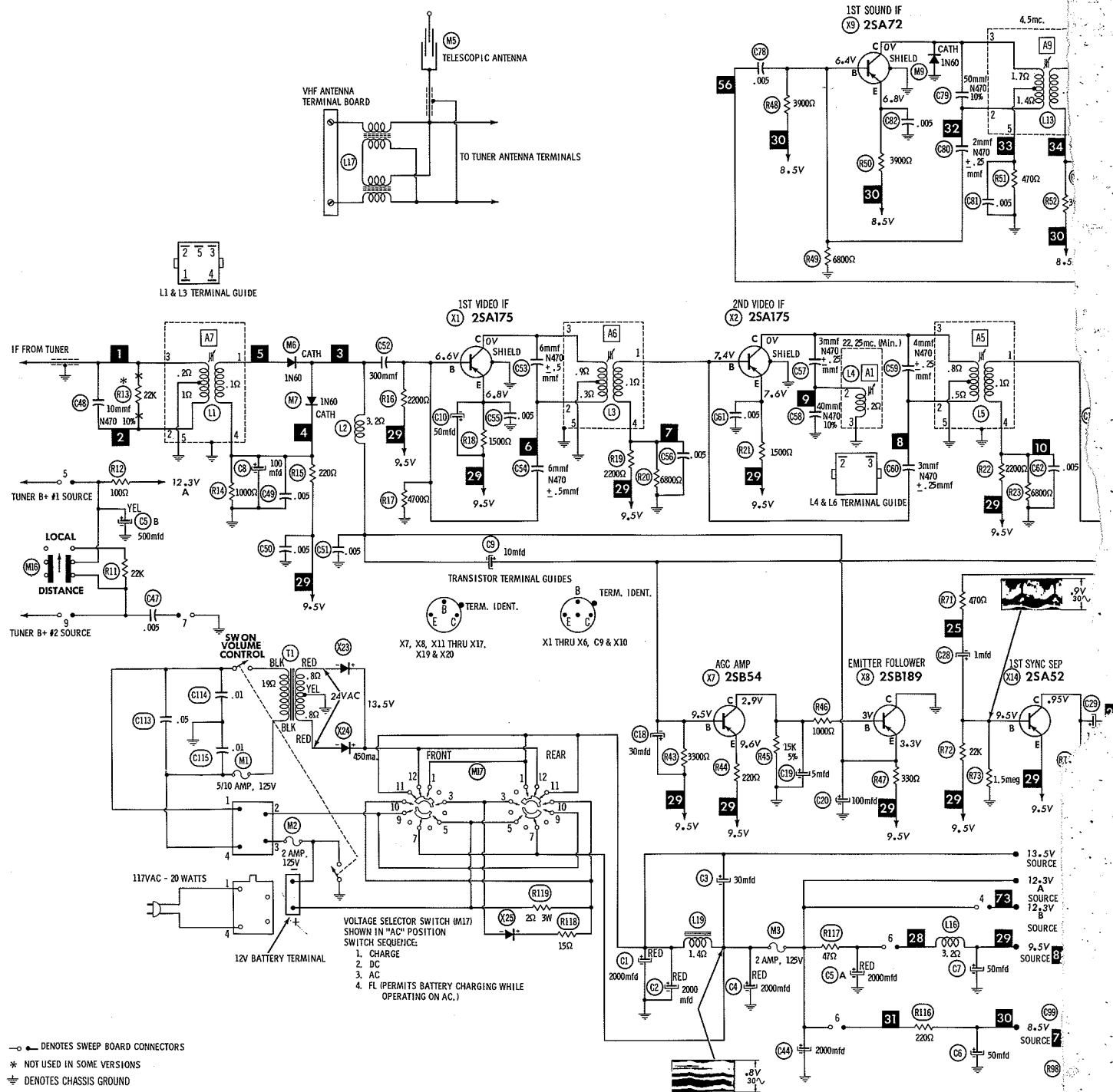
CENTERING

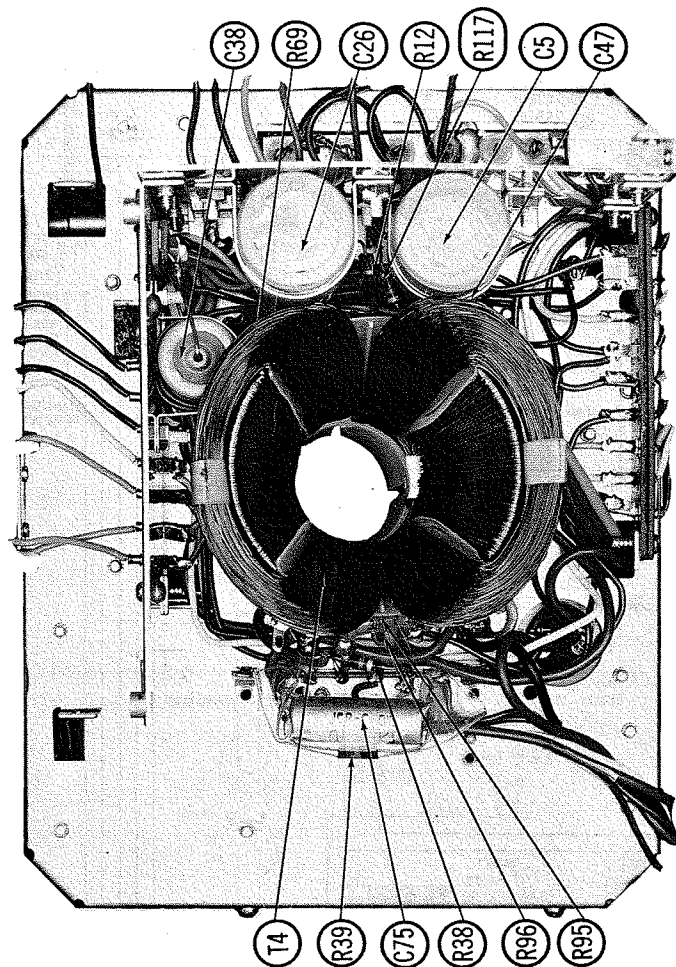
Centering is accomplished by 2 magnetic rings located on yoke rear cover.

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. MC671 10 9 8 7 6 5 4 3 2 1

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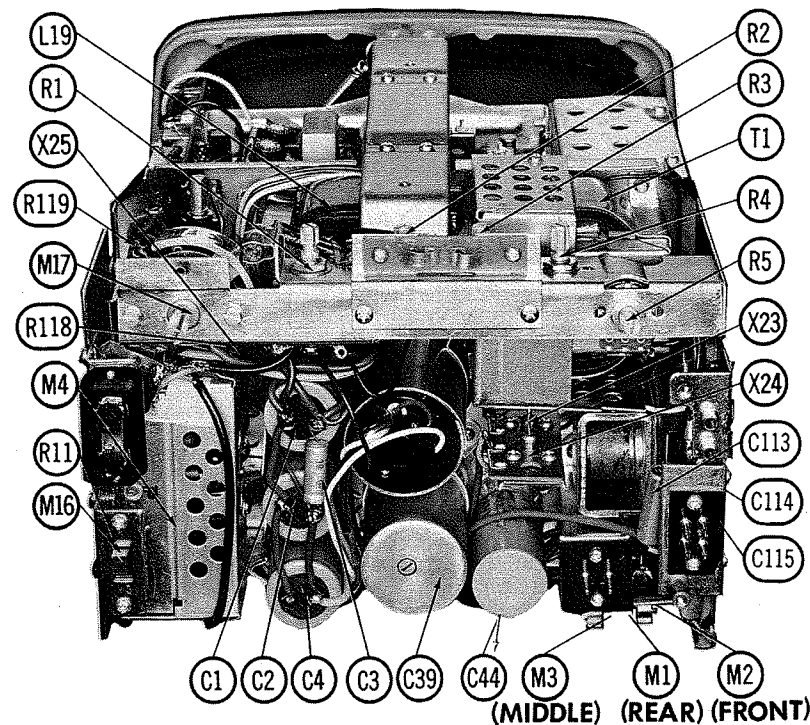
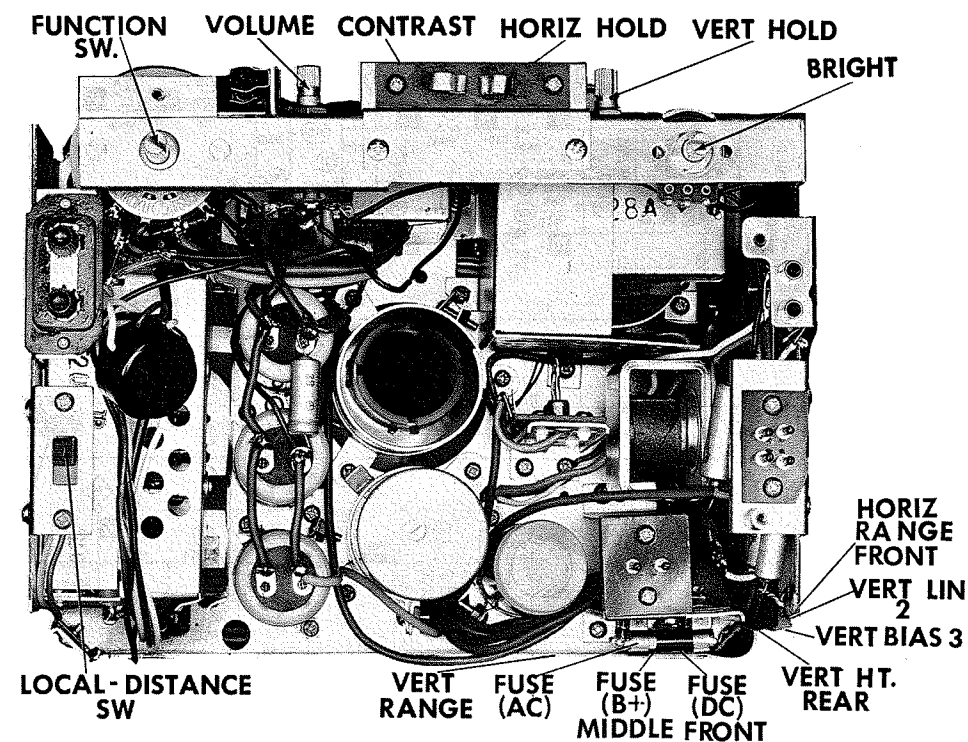


CHASSIS
FRONT
VIEW

CHANNEL MASTER
MODEL 6565

FOLDER 1

CHASSIS
REAR
VIEW



DISASSEMBLY INSTRUCTIONS

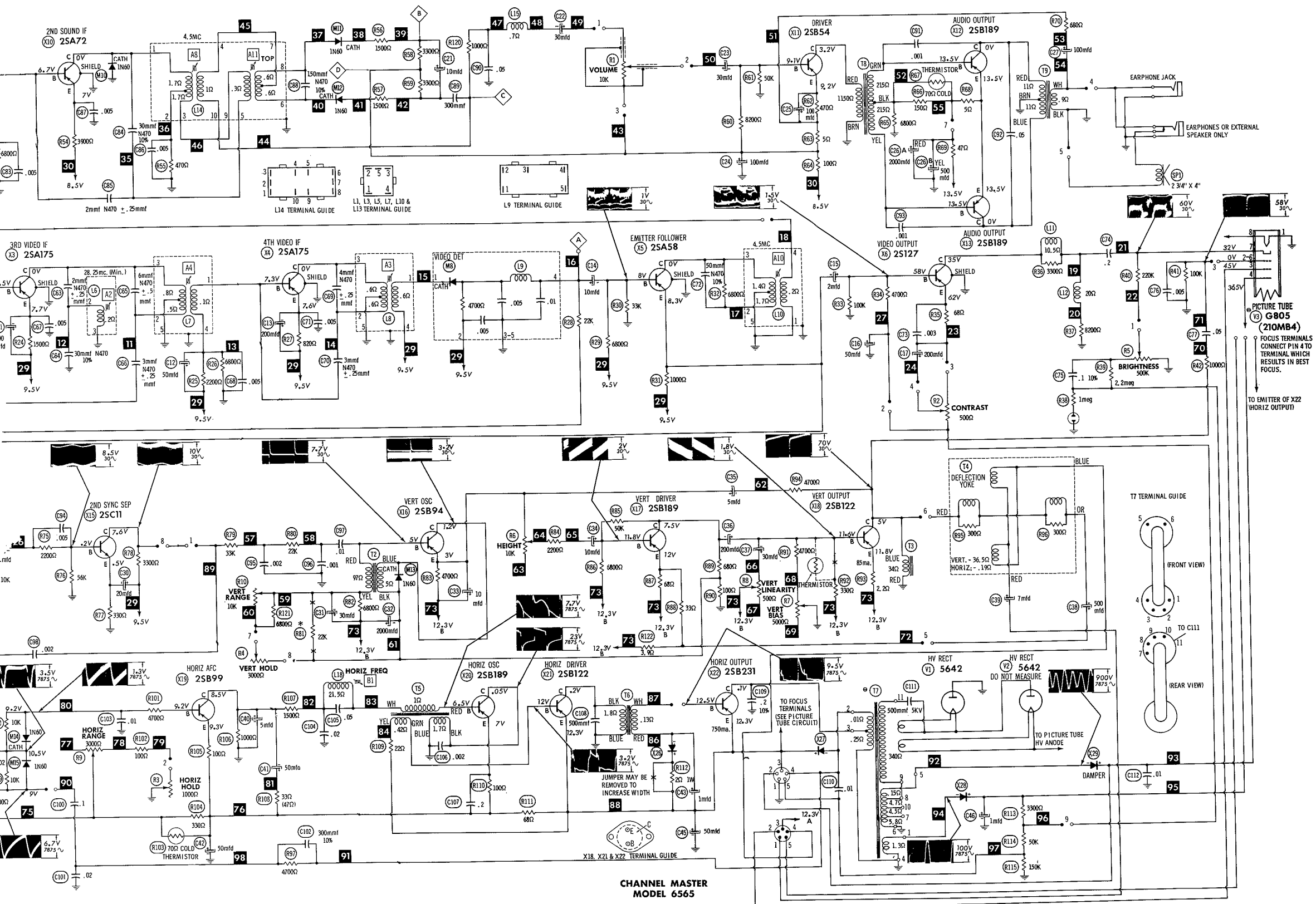
CHASSIS AND PICTURE TUBE REMOVAL

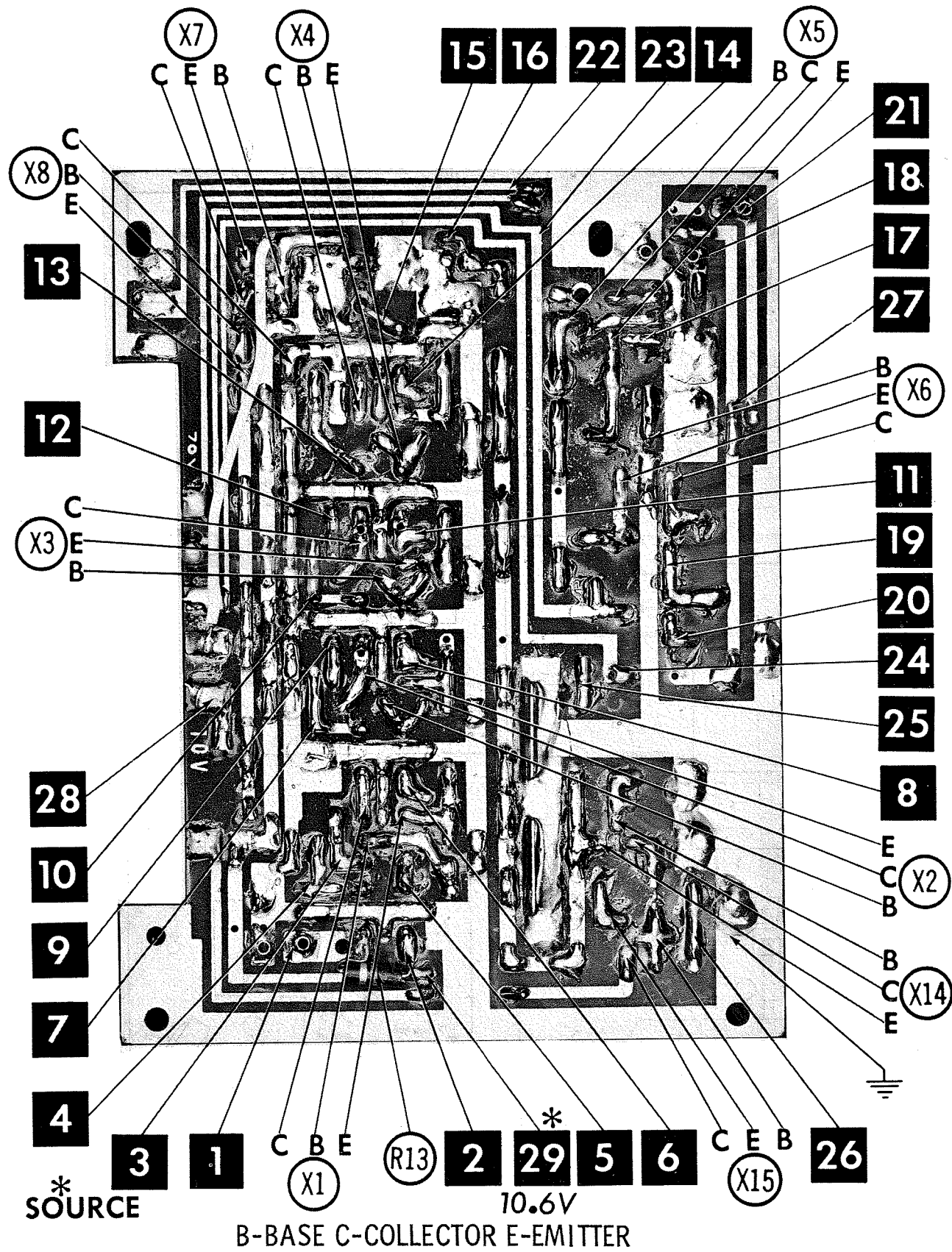
1. Remove all knobs. After removing cabinet shell by removing 1 screw at bottom front and 2 screws from rear of cabinet, slide cabinet shell back.
2. Unplug picture tube socket and high voltage lead. Remove 6 screws from picture tube bezel and chassis brackets. Loosen yoke clamp and remove picture tube.

HORIZONTAL SWEEP CIRCUIT ADJUSTMENTS

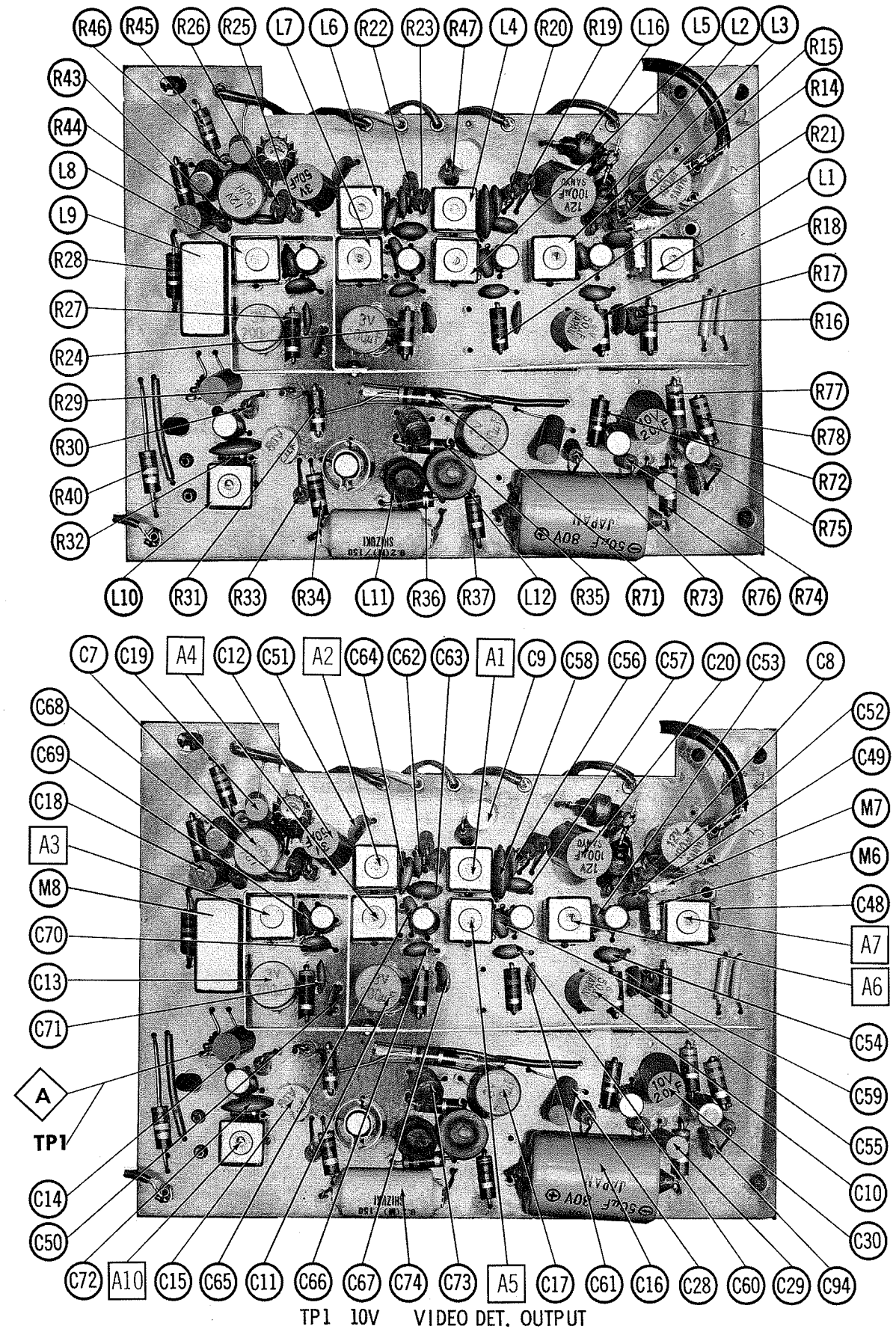
Tune in a TV station and set all controls for normal operation. Set the supplementary Horizontal Hold control (R9) and the Horizontal Hold control (R3) to the center of their ranges. Adjust the Horizontal Stabilizer Coil Slug (B1) until the picture is in proper sync.

Change channels to see if the picture remains in sync. If the picture does not remain in sync, adjust the supplementary Horizontal Hold control (R9) until the picture remains in sync when switching from channel to channel.





VIDEO, SYNC, AGC PRINTED BOARD



CHANNEL MASTER
MODEL 6565

FOLDER 1

ALIGNMENT INSTRUCTIONS

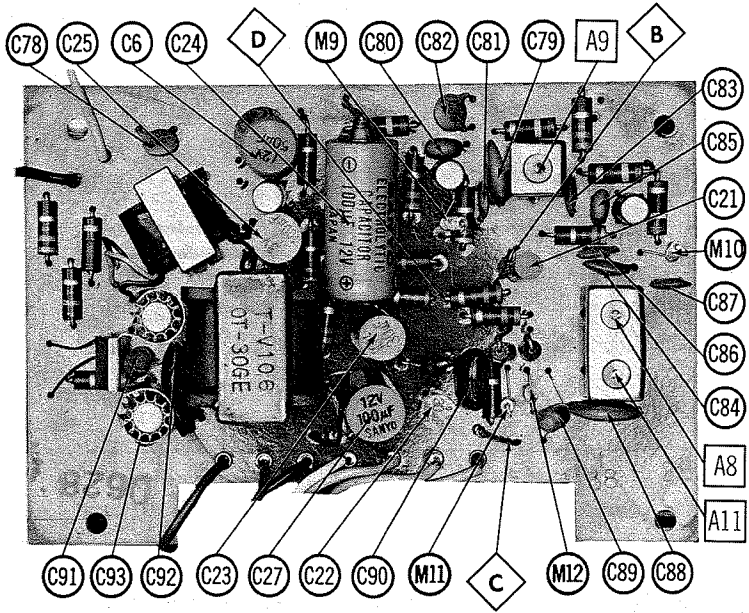
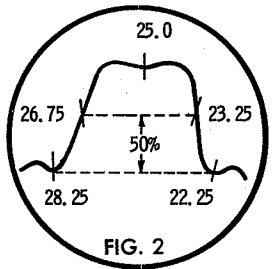
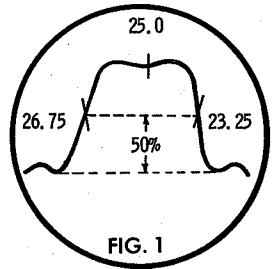
VIDEO IF ALIGNMENT

Use an isolation transformer and maintain voltage at 117 volts. Allow a 20-minute warm-up period for the receiver and test equipment. 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. Set the channel selector to any non-interfering channel or set between channels.

	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
1.	High side to point \diamond , low side to ground.		22. 25MC		Connect DC probe of a VTVM thru a 47K resistor to point \diamond , common to ground.	A1	Adjust for MINIMUM.
2.	"		28. 25MC		"	A2	"
3.	"	25MC (10MC sweep)	23. 25MC 25. 0MC 26. 75MC		Connect the vertical input of a Scope thru a 47K resistor to point \diamond , low side to ground.	A3, A4, A5, A6, A7, Mixer Collector Coil	Adjust for maximum gain and symmetry of response with markers as shown in Figure 1.
4.	"	"	22. 25MC 23. 25MC 25. 0MC 26. 75MC 28. 25MC		"		Check for maximum gain and symmetry of response with markers as shown in Figure 2. If necessary, retouch A1 and A2 for proper placement of trap notches.

SOUND IF ALIGNMENT

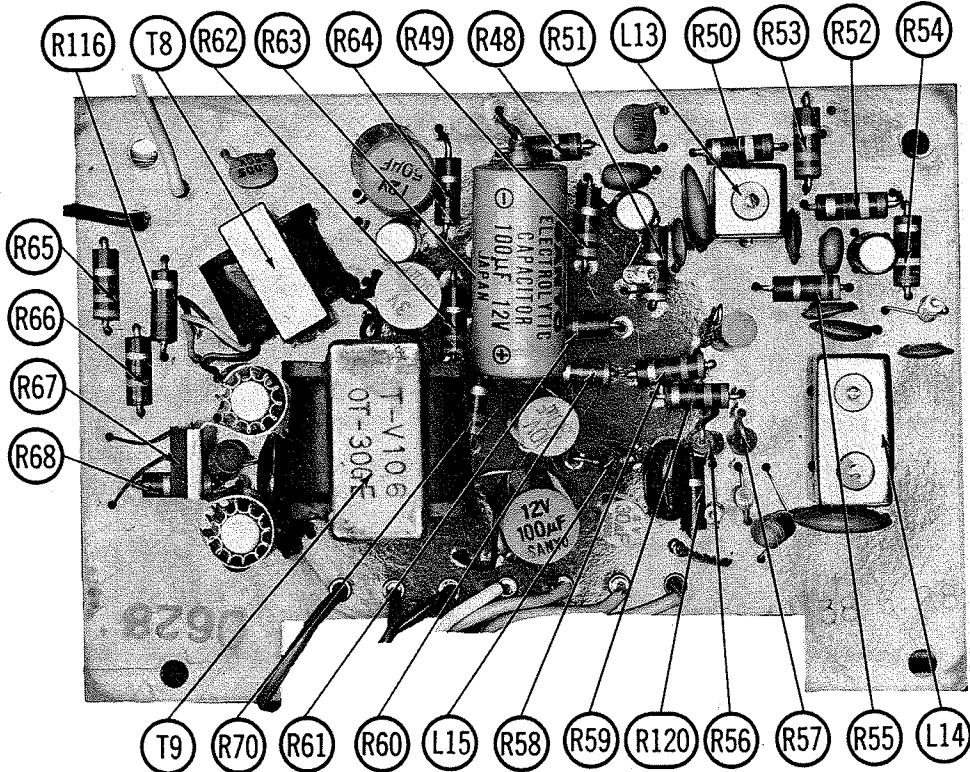
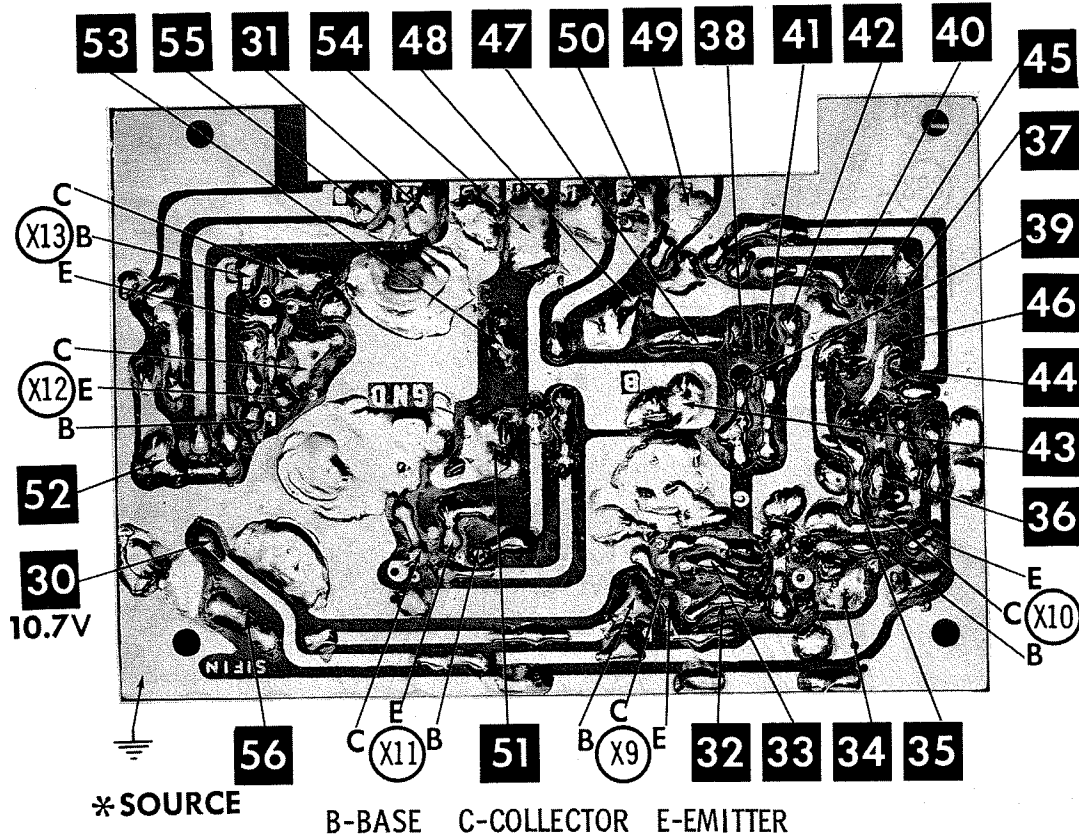
	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	CHANNEL	CONNECT VTVM	ADJUST	REMARKS
5.	High side to point \diamond , low side to ground.	4. 5MC	Any non-interfering channel	DC probe to point \diamond , common to point \diamond .	A8, A9, A10	Adjust for maximum.
6.	"	"	"	DC probe to point \diamond , common to point \diamond .	A11	Adjust for zero. A positive or negative reading will be obtained on either side of the correct setting.



ADDITIONAL PHOTOS PAGE 11

SOUND PRINTED BOARD

A Howard W. Sams CIRCUITRACE Photo



ADDITIONAL PHOTO PAGE 6

SOUND PRINTED BOARD

CHANNEL MASTER
MODEL 6565

FOLDER 1

VHF TUNER PARTS LIST AND DESCRIPTION

TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.	
X201	2SA230	RF Amp. Mixer Osc.				PNP PNP PNP
X202	2SA229					
X203	2SA229					

FIXED CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA					
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCOR PART No.	MALLORY PART No.	SPRAGUE PART No.
C201	7	±.5mmf	NPO-DI 6.8	DTZ-6R8	C10V68C	CC70-6R8	CNO-568	10TCC-V88
C202	15							
C203	.001							
C204	.001	±.25mmf	BPD-001	DD-102	BYA10D1	CCD-102	B-210	5HK-D10
C205	4							10TCC-V39
C206	20							
C207	2	±.25mmf		TCZ-2R2			CNO-522	10TCC-V22
C208	.001							
C209	.001							
C210	.5-3.0	±.5mmf	NPO-DI 5.0	829-3	C10V47C	CV-1	CT585	10TCC-V50
C211	5			DTZ-4R7		CC70-050	CNO-547	
C212	15							
C213	.001	±.25mmf	BPD-001	DD-102	BYA10D1	CCD-102	B-210	5HK-D10
C214	20							10TCC-V10
C215	.001							
C216	50	±.25mmf	BPD-001	DD-102	BYA10D1	CCD-102	B-210	5HK-D10
C217	.001							
C218	1							
C219	2	N330 ±.25mmf						
C220	3							
C221	.001							
C222	.001	±.25mmf	BPD-001	DD-102	BYA10D1	CCD-102	B-210	5HK-D10
C223	.001							
C224	.001							

VHF TUNER ALIGNMENT INSTRUCTIONS

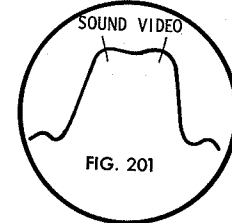
OSCILLATOR ALIGNMENT

Set Fine Tuning to center of its range. Starting with highest channel in area, adjust the appropriate oscillator screw for best picture and sound.

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
Across antenna terminals with 1200 in each lead.	213MC	211.25MC	13	Vert. input to point \diamond , low side to ground.	A201, A202	Adjust for maximum gain and symmetry of response similar to Fig. 201 with markers as shown.
	207MC	205.25MC	12			
	201MC	199.25MC	11			
	195MC	193.25MC	10			
	189MC	187.25MC	9			
	183MC	181.25MC	8			
	177MC	175.25MC	7			
	171MC	169.25MC	6			
	165MC	163.25MC	5			
	159MC	157.25MC	4			
	153MC	151.25MC	3			
	147MC	145.25MC	2			
	141MC	139.25MC				
	135MC	133.25MC				
	129MC	127.25MC				



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

ITEM No.	USE	TYPE	ITEM No.	USE	TYPE
V1	HV Rectifier	5642	V2	HV Rectifier	5642

PICTURE TUBE

ITEM No.	Channel Master PART No.	REPLACEMENT DATA			NOTES
		GENERAL ELECTRIC PART No.	RCA PART No.	SYLVANIA PART No.	
V3	210MB4 (T-G9018) 210FB4				

TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.	
X1	2SA175	1st Video IF	DS-41		2N1177	PNP
X2	2SA175	2nd Video IF	DS-41		2N1177	PNP
X3	2SA175	3rd Video IF	DS-41		2N1177	PNP
X4	2SA175	4th Video IF	DS-41		2N1177	PNP
X5	2SA175	Emitter Follower	DS-41		2N1177	PNP
X6	2SA127	Video Output				PNP
X7	2SB54	AGC Amp.	DS-41		2N1177	PNP
X8	2SB189	Emitter Follower	DS-28	GE-2	2N408	PNP
X9	2SA72	1st Sound IF	DS-38		2N1180	PNP
X10	2SA72	2nd Sound IF	DS-38		2N1180	PNP
X11	2SB54	Driver	DS-26	GE-2	2N408	PNP
X12	2SB189	Output	DS-26	GE-2	2N408	PNP
X13	2SB189	Output	DS-26	GE-2	2N408	PNP
X14	2SA52	Sync Amp.	DS-25	GE-1	2N412	PNP
X15	2SC11	Sync Sep.				PNP
X16	2SB94	Vert. Osc.				PNP
X17	2SB189	Vert. Driver	DS-26	GE-2	2N408	PNP
X18	2SB122	Vert. Output ①				PNP
X19	2SB99	Horiz. AFC				PNP
X20	2SB189	Horiz. Osc.	DS-26	GE-2	2N408	PNP
X21	2SB122	Horiz. Driver ①				PNP
X22	2SB231	Horiz. Output ①				PNP

① When replacing, apply silicone grease to both sides of insulator. Tighten mounting screws securely.

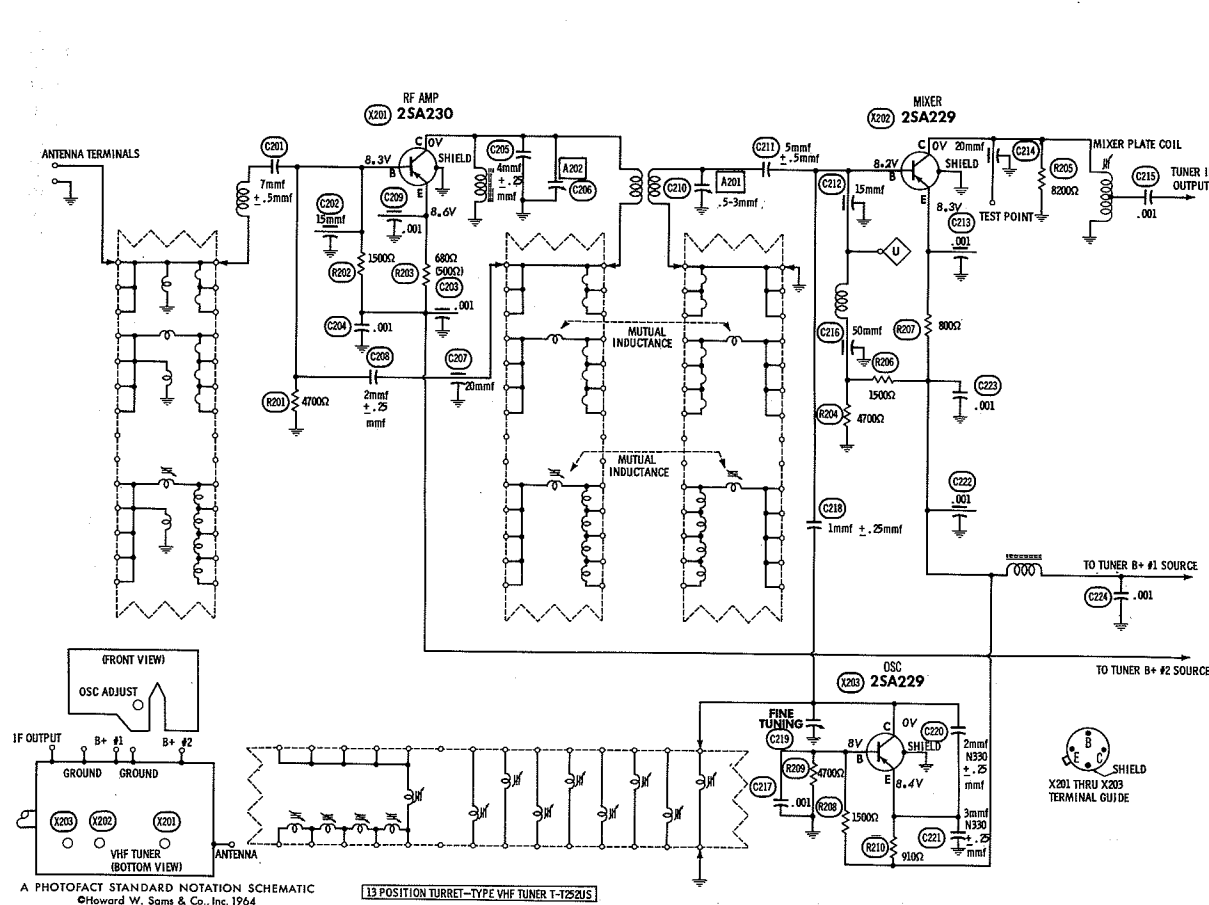
POWER RECTIFIERS

ITEM No.	MEASURED CURRENT	ORIGINAL Part or Type No.	RECTIFIERS		
			MALLORY PART No.	RCA PART No.	SARKIS TARZIAN PART No.
X23	.450A	1S100	1N537 ①	1N2859	10H or F-1
X24	.450A	1S100	1N537 ①	1N2859	10H or F-1
X25		SD-1	1N537	1N2859	10H or F-1
X26		1TB06	S50 or 1N536	1N2858	10H or F-1
X27		M8222	1N538 or 1N1124	1N2860	20H or F-2
X28		1S72	A300 or D300	1N1763 or 1N2862	40H or F-4
X29		1S92	A300 or D300	1N1763 or 1N2862	40H or F-4

① A single unit for X23 and X24 may be used, FW100.

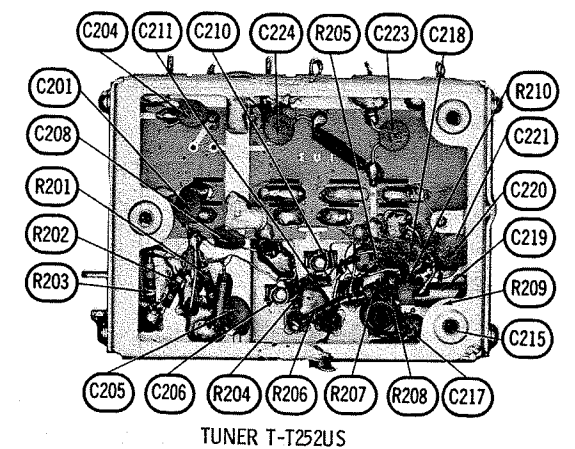
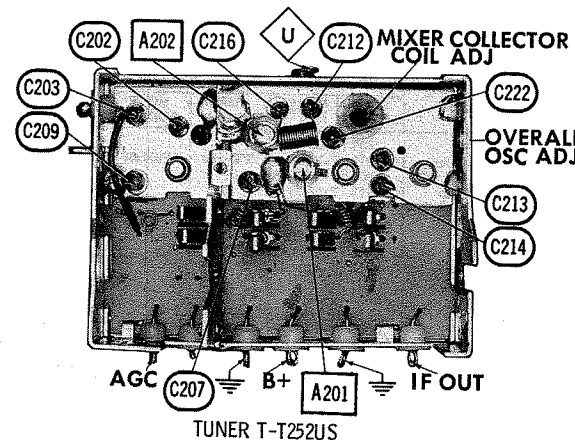
ELECTROLYTIC CAPACITORS

ITEM No.	RATING		Channel Master PART No.	REPLACEMENT DATA					
	CAP.	VOLT.		AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	GENERAL INSTRUMENT PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	2000	20			BR2000-25				
C2	2000	20			BR2000-25				
C3	30	10			NLW30-10	MT1-16	BL1430	TT10X30	TE-1132
C4	2000	15			BR2000-15				
C5A	2000	15							
C5B	500	15							
C6	50	12							
C7	50	12							
C8	100	12							
C9	10	10							
C10	50	6							
C11	200	3							
C12	50	3							
C13	200	3							
C14	10	10							
C15	2	80							
C16	50	80							
C17	200	3							
C18	5	10							
C19	5	10							
C20	100	12							
C21	10	6							
C22	30	3							
C23	30	10							
C24	100	12							
C25	100	3							



A PHOTOFACT STANDARD NOTATION SCHEMATIC ©Howard W. Sams & Co., Inc. 1964

13 POSITION TURRET-TYPE VHF TUNER T-1252US



VHF TUNER

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 for the most up-to-date replacement.

ELECTROLYTIC CAPACITORS (cont)

ITEM No.	RATING		REPLACEMENT DATA					
	CAP.	VOLT.	PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	GENERAL INSTRUMENT PART No.	MALLORY PART No.
C26A	2000	15						
B 500	15							
C27	100	12		BCD12100	NLP100-12	MT1-19	MLV100-12	TT12X100
C28	1	8		BCD12001	NLP1-10	MT1-1		TT12X1
C29	1	10		BCD12001	NLP1-10	MT1-1		TT12X1
C30	20	10		BCD12020	NLP20-10	MT1-10	MLV20-10	TT12X20
C31	30	6		BCD12020	NLP30-6	MT1-13	MLV30-6	TT6X30
C32	2000	12		CRS313A	BR2000-12			VL-1092
C33	10	10			NLP10-10	MT1-5	MLV10-10	PET1340
C34	10	10			NLP10-10	MT1-5	MLV10-10	PET1340
C35	5	3			NLP5-3	MT1-5	MLV5-12	TT6X5
C36	200	10			NLP200-10	MT1-23	MLV200-10	TT6X30
C37	30	3			NLP30-3	MT1-13	MLV30-6	
C38	500	15			BR500-15	QT1-30		
C39	7	75						
C40	5	10						
C41	50	6						
C42	50	12						
C43	1	8						
C44	2000	15						
C45	50	15						
C46	1	150						

FIXED CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA					
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCOR PART No.	MALLORY PART No.	SPRAGUE PART No.
C47	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C48	.005 50V		TTD-005	CK-503	H1	*	TA-250	10TCT-Q10
C49	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C50	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C51	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C52	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C53	6 N470 ±.5mmf		TTD-005	CK-503	H1	*	TA-250	10TCT-V56
C54	6 N470 ±.5mmf		TTD-005	CK-503	H1	*	TA-250	10TCT-V56
C55	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C56	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C57	3 N470 ±.25mmf		TTD-005	CK-503	H1	*	TA-250	10TCT-V30
C58	40 N470 10%		TTD-005	CK-503	H1	*	TA-250	10TCT-V30
C59	4 N470 ±.25mmf		TTD-005	CK-503	H1	*	TA-250	10TCT-V30
C60	3 N470 ±.25mmf		TTD-005	CK-503	H1	*	TA-250	TG-D50
C61	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C62	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C63	2 N470 ±.25mmf		TTD-005	CK-503	H1	*	TA-250	10TCT-Q30
C64	30 N470 10%		TTD-005	CK-503	H1	*	TA-250	10TCT-V56
C65	3 N470 ±.5mmf		TTD-005	CK-503	H1	*	TA-250	10TCT-V30
C66	3 N470 ±.25mmf		TTD-005	CK-503	H1	*	TA-250	10TCT-V30
C67	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C68	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C69	4 N470 ±.25mmf		TTD-005	CK-503	H1	*	TA-250	10TCT-V30
C70	3 N470 ±.25mmf		TTD-005	CK-503	H1	*	TA-250	TG-D50
C71	.005 50V		TTD-005	CK-503	H1	*	TA-250	10TCT-Q50
C72	50 N470 10%		TTD-005	CK-503	H1	*	TA-250	10TCT-Q50
C73	.003		TTD-005	CK-503	H1	*	TA-250	10TCT-Q50
C74	.2 150V		TTD-005	CK-503	H1	*	TA-250	10TCT-Q50
C75	.1 400V 10%		TTD-005	CK-503	H1	*	TA-250	10TCT-Q50
C76	.005 50V		TTD-005	CK-503	H1	*	TA-250	10TCT-Q50
C77	.05 50V		TTD-005	CK-503	H1	*	TA-250	10TCT-Q50
C78	.005 50V		TTD-005	CK-503	H1	*	TA-250	10TCT-Q50
C79	50 N470 10%		TTD-005	CK-503	H1	*	TA-250	10TCT-Q50
C80	2 N470 ±.25mmf		TTD-005	CK-503	H1	*	TA-250	TG-D50
C81	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C82	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C83	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C84	30 N470 10%		TTD-005	CK-503	H1	*	TA-250	10TCT-Q30
C85	2 N470 ±.25mmf		TTD-005	CK-503	H1	*	TA-250	TG-D50
C86	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C87	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C88	150 N470 10%		TTD-005	CK-503	H1	*	TA-250	TG-D50
C89	300		TTD-005	CK-503	H1	*	TA-250	TG-D50
C90	.05 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C91	.001		TTD-005	CK-503	H1	*	TA-250	TG-D50
C92	.05 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C93	.001		TTD-005	CK-503	H1	*	TA-250	TG-D50
C94	.005 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C95	.002		TTD-005	CK-503	H1	*	TA-250	TG-D50
C96	.001		TTD-005	CK-503	H1	*	TA-250	TG-D50
C97	.01 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C98	.002		TTD-005	CK-503	H1	*	TA-250	TG-D50
C99	.002 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C100	.1 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C101	.02 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C102	300		TTD-005	CK-503	H1	*	TA-250	TG-D50
C103	.01 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C104	.02 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C105	.05 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C106	.002 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C107	.2 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C108	500		TTD-005	CK-503	H1	*	TA-250	TG-D50
C109	.2 400V 10%		TTD-005	CK-503	H1	*	TA-250	TG-D50
C110	.01 50V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C111	500 5KV		TTD-005	CK-503	H1	*	TA-250	TG-D50
C112	.01 400V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C113	.05 400V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C114	.01 400V		TTD-005	CK-503	H1	*	TA-250	TG-D50
C115	.01 400V		TTD-005	CK-503	H1	*	TA-250	TG-D50

* Not normally in distributor's stock. Available thru distributor on order to manufacturer.

CONTROLS

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

ITEM No.	USE	RESISTANCE	REPLACEMENT DATA				
			Channel Master PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
R1	Volume, Switch	10K	(G-1604)	F2-10K ① SU204, KR-2 or (B-15 ①, KR-2)	A47-10K-Z ① KSS-3, SWF-20	Q13-116, 76-1 or (BU1, CF61, SS6, WF)*	UA14A ①, SK1000, US-42 or (RU14A, SL36, SL3250, US-41) or (U18 ①, US-27)
R2	Contrast	500Ω	(G-1610)				
R3	Horizontal Hold	1000Ω	(G-1601)				
R4	Vertical Hold	3000Ω	(G-1605)				
R5	Brightness	500K	(G-1603)				
R6	Height	10K	(T-G0020)				
R7	Vert. Bias	5000Ω	(T-G0010)				
R8	Vert. Linearity	500Ω	(T-G0011)				
R9	Horiz. Range	3000Ω	(T-G0008)				
R10	Vert. Range	10K	(T-G0019)				

① Enlarge mounting hole.

* "SNAPTROL"

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
R67	70Ω (Cold) Thermistor			#F253 (T-E1017)	R103	70Ω (Cold) Thermistor			#F253 (T-E1017)
R119					R119				

Channel Master Part Number

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA					NOTES
		Channel Master PART No.	MERIT PART No.	MILLER PART No.	STANCOR PART No.	WORKMAN PART No.	
L1	1st Video IF	C807 (T-S341)					
L2	RF Choke (30uh)	F817 (T-L209)	TV-180	72F335AP	RTC-8593	T972	
L3	2nd Video IF	C808 (T-S342)					
L4	22.25MC Trap	F818 (T-S347)					
L5	3rd Video IF	C809 (T-S344)					
L6	28.25MC Trap	F818 (T-S347)					
L7	4th Video IF	C809 (T-S344)					
L8	5th Video IF	C810 (T-S345)					
L9	Detector-Choke Ass'y	F819 (T-S1001)					
L10	Sound Takeoff - 4.5MC Trap	C805 (T-S302)					
L11	Peaking (200uh)	F815 (T-L151)	BC-673	6154	RTC-8586	T345	
L12	Peaking (650uh)	F816 (T-L152)	BC-679	72F694AP	RTC-8582	T356	
L13	Sound IF Interstage	C805 (T-S302)					
L14	Sound Ratio Detector	C806 (T-S303)					
L15	RF Choke (2uh)	F814 (T-L64)	BC-563	74F228AP	RTC-8517	T812	
L16	RF Choke (30uh)	F817 (T-L209)	TV-180	72F335AP	RTC-8593	T972	
L17	Ant. Input						

COILS (SWEEP CIRCUITS)

ITEM No.	USE	REPLACEMENT DATA							NOTES
		Channel Master PART No.	MERIT PART No.	MILLER PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	WORKMAN PART No.	
L18	Horiz. Stabilizer	F811 (T-A17)							

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA					NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (0 CURRENT 1000~)	Channel Master PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
L19	.9 ADC	1.4Ω	62 MH	F812 (T-B06)					

TRANSFORMER (POWER)

ITEM No.	RATING			REPLACEMENT DATA					NOTES
	PRI.	SEC. 1	SEC. 2	Channel Master PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T1	117VAC ① .22A	24VCT ① .45ADC		C804 (T-P28A)					

TRANSFORMERS (SWEEP CIRCUITS)

ITEM No.	USE	REPLACEMENT DATA					NOTES
		Channel Master PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T2	Vert. Osc.	C813 (T-W52)					
T3	Vert. Output Choke	E815 (T-W18)					
T4	Yoke (Horiz. .1 MH) 90° (Vert. 43 MH)	F813 (T-D18)					
T5	Horiz. Blocking Osc.	C800 (T-A10)					
T6	Horiz. Driver	C801 (T-A16)					
T7	Horiz. Output Alternate Horiz. Out.	C802 (T-F29) (T-F24)					

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO	REPLACEMENT DATA					NOTES
		Channel Master PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T8	7 : 1	C812 (T-V107)					

TRANSFORMER (AUDIO OUTPUT)

ITEM No.
