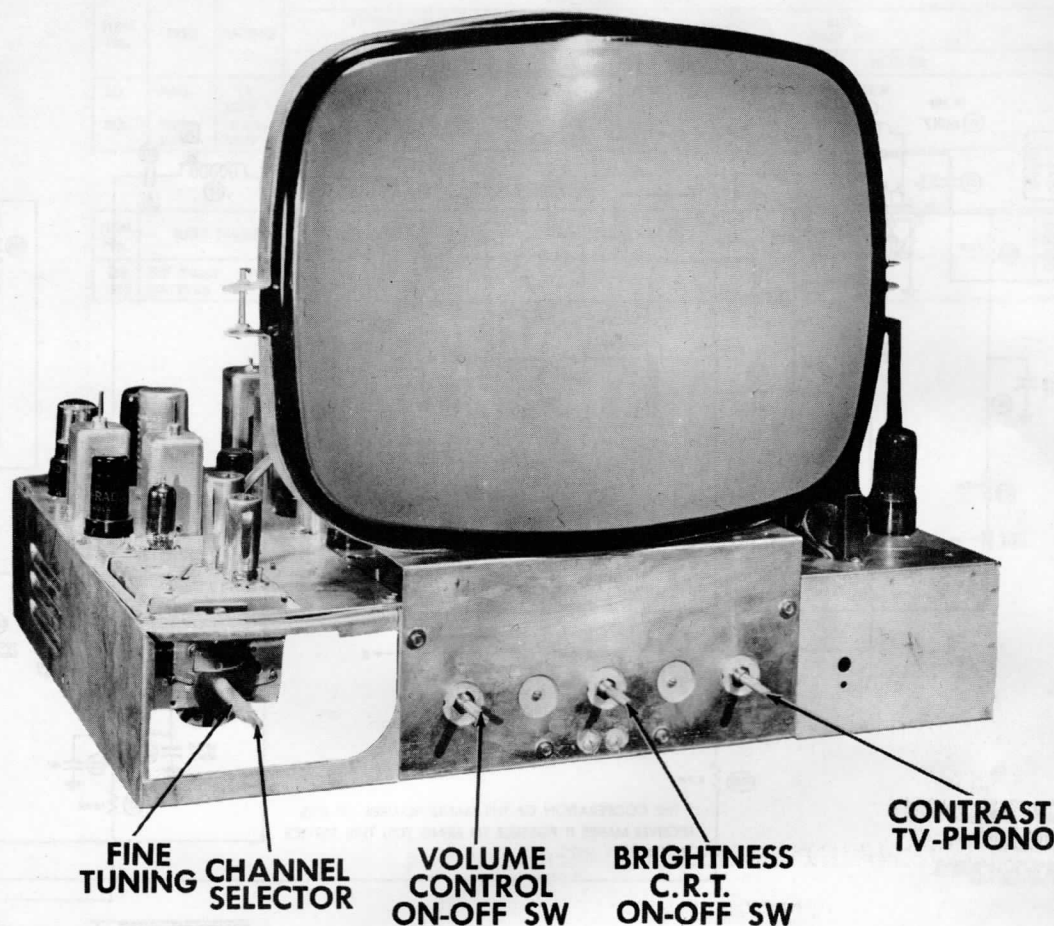




TRANSVISION
CHASSIS A-4,

TRADE NAME	Transvision Models A17B1, A17BD1, A17G4, -1, A17TMD, -B, -BP, A17TRM, -B, -BP, A20E4, -1, A20G1, A20GD1, A20G4, -1, A20TM, A20TMD, A201, D, A206S, A20SD (Ch. A-4).
MANUFACTURER	Transvision Inc., New Rochelle, New York.
TYPE SET	Television Receiver
TUBES	Twenty-Five
POWER SUPPLY	110-120 Volts AC-60 Cycle-RATING 2.72 Amp. @ 117 Volts AC
TUNING RANGE-CHANNELS	2 thru 13, Video IF 26.4MC, Sound IF 21.9MC.

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RF Tuner	7		

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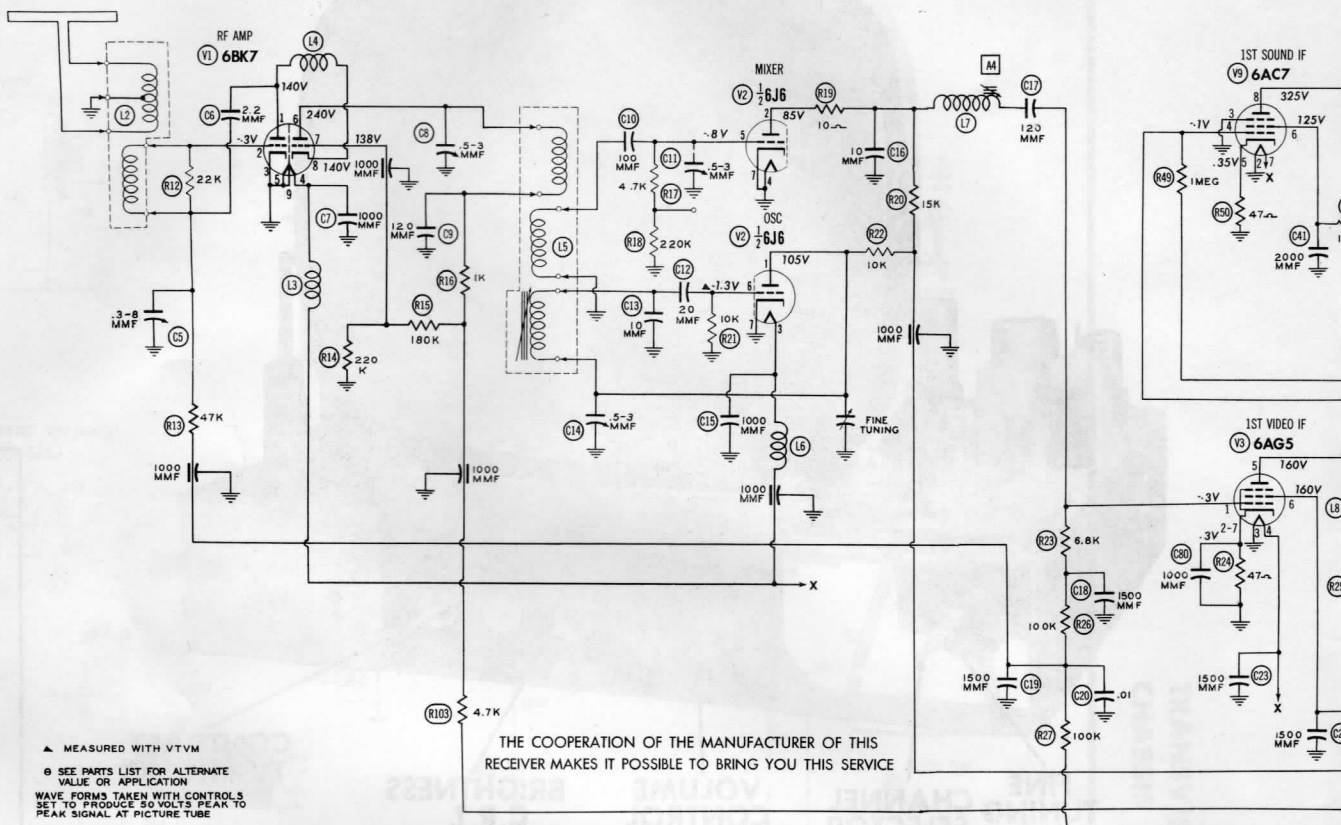
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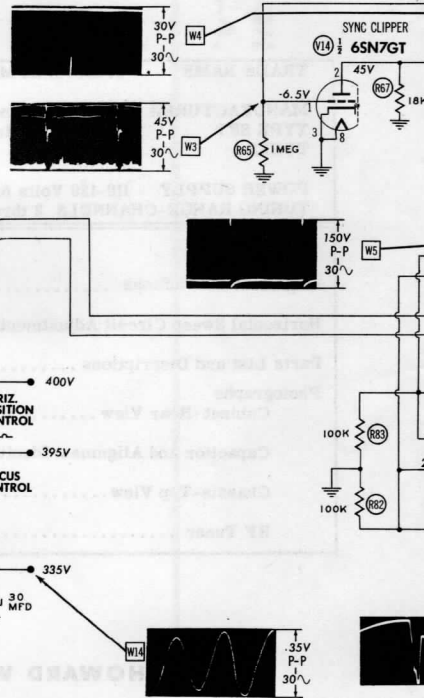
DATE 1-53

SET 192

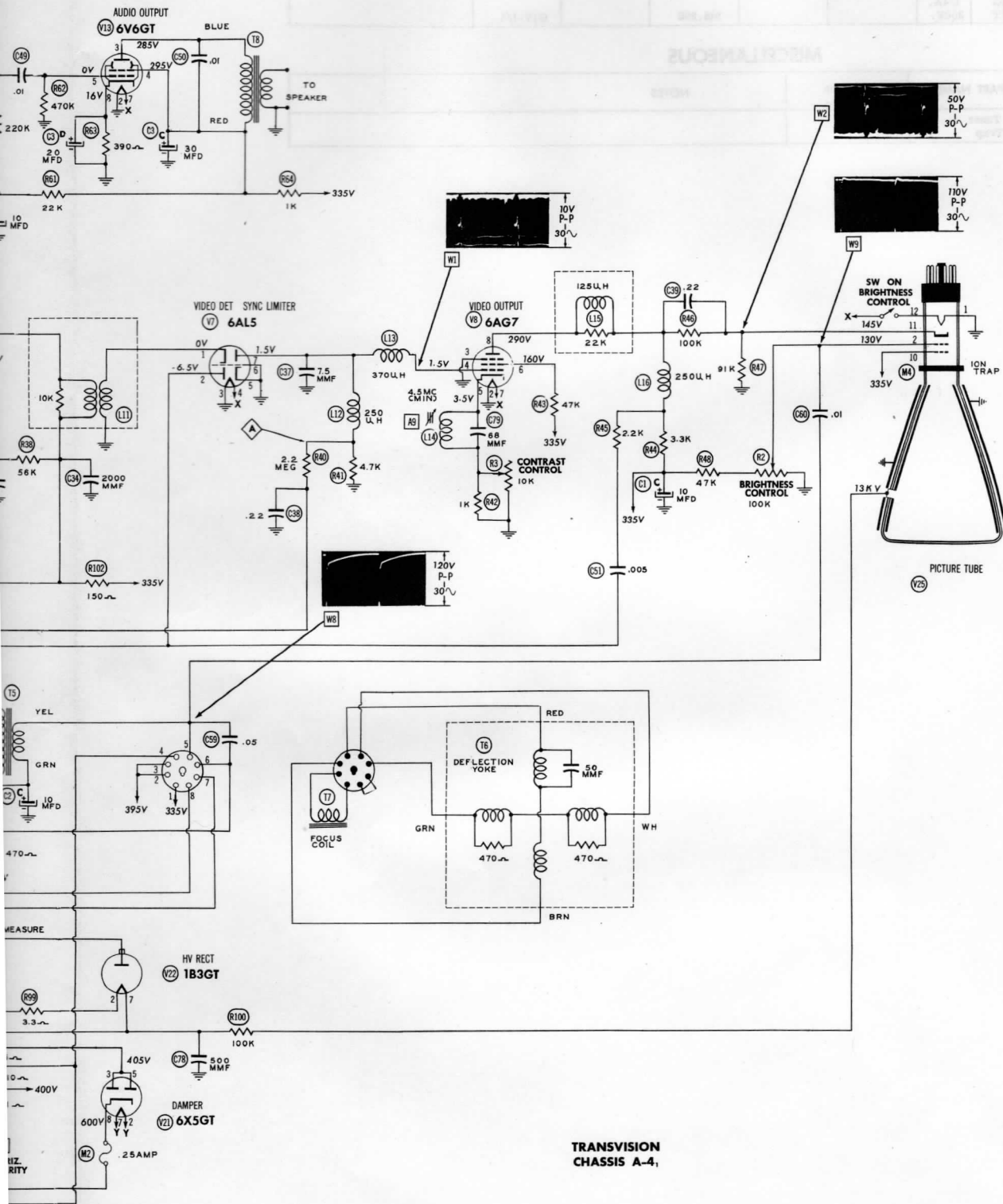
FOLDER 10



1. DC voltage measurements are at 20,000 ohms per volt; AC voltage measured at 1,000 ohms per volt.
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. All controls set for normal operation; No signal applied.

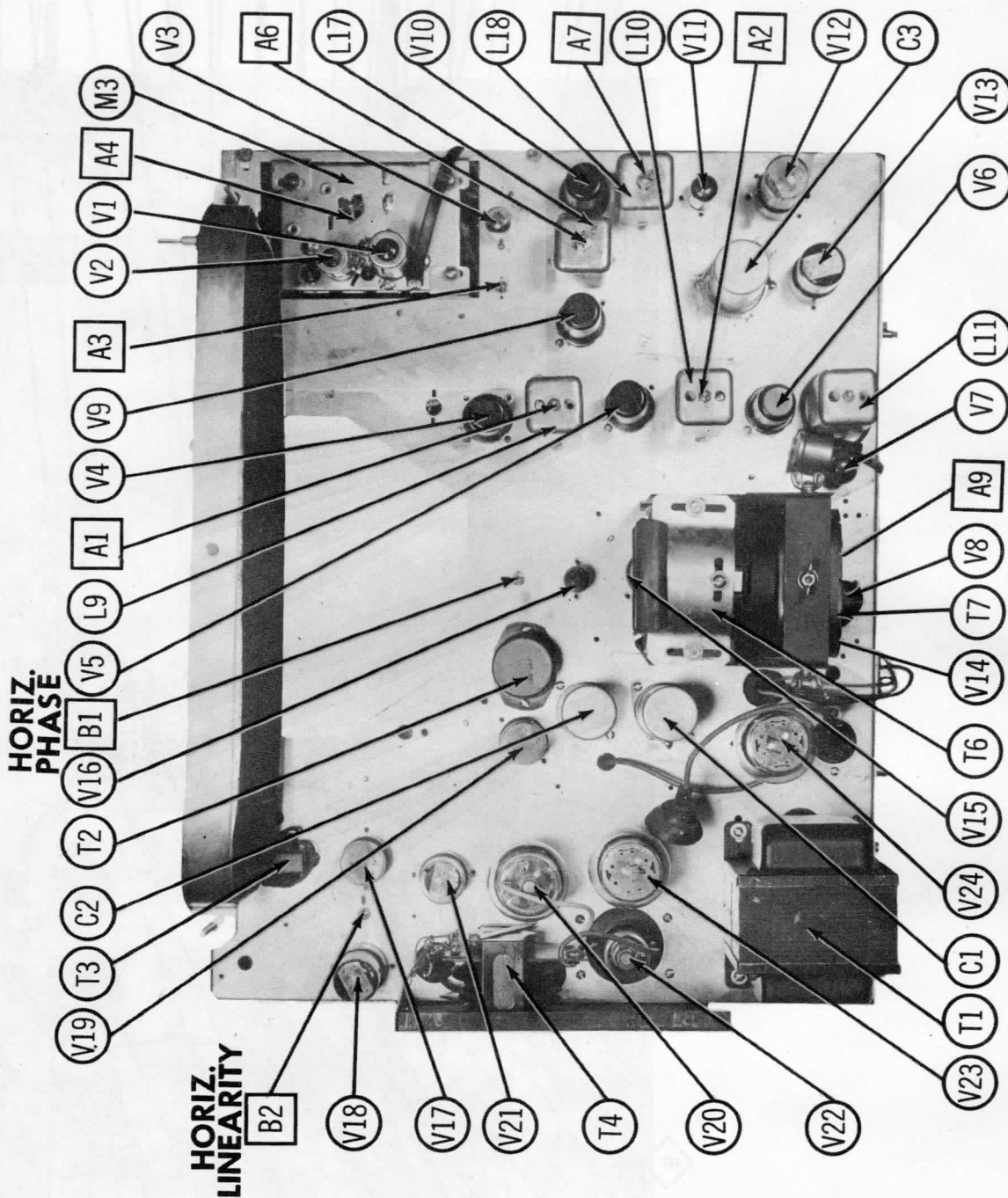


A PHOTOFACT STANDARD NOTATION SCHEMATIC
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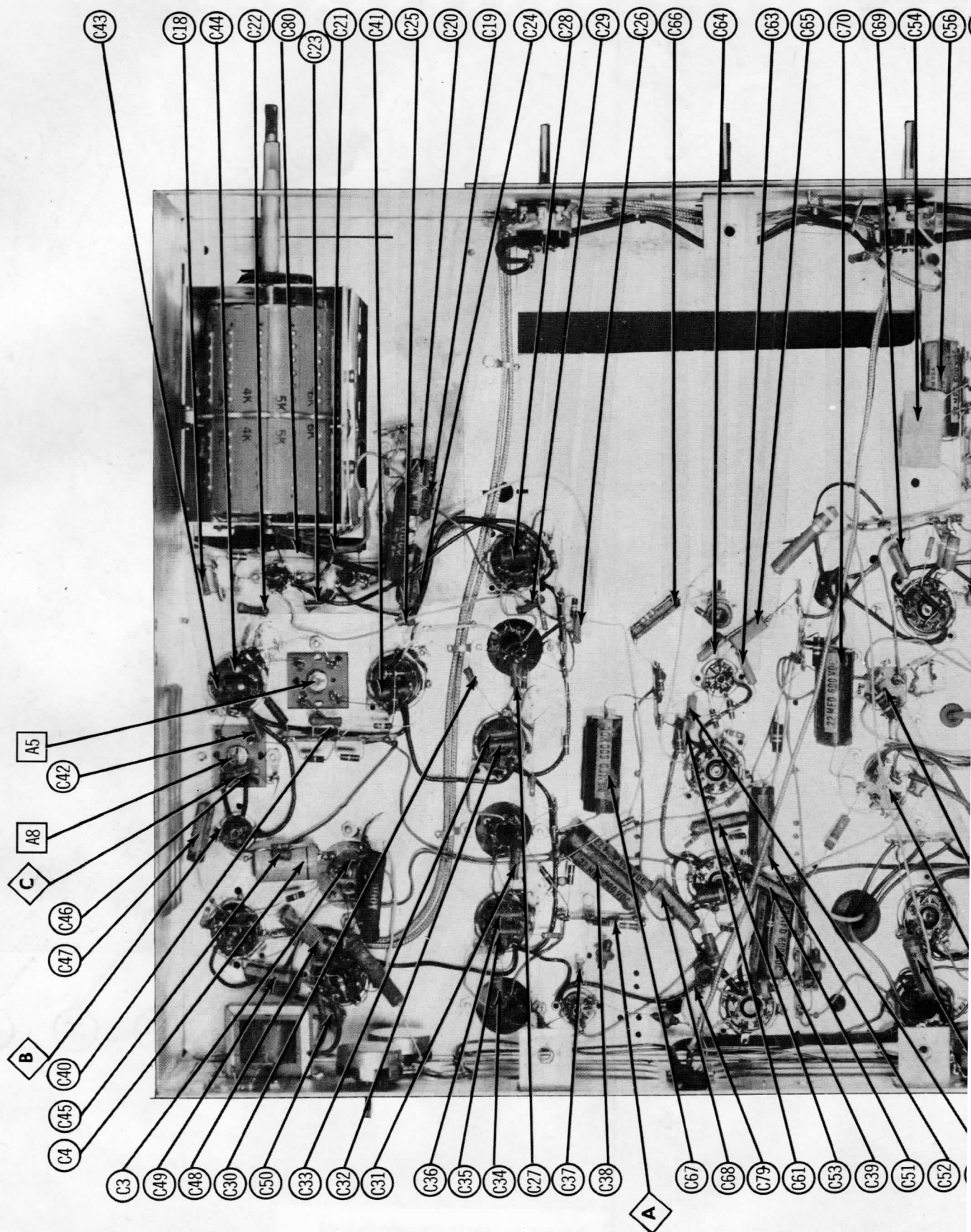


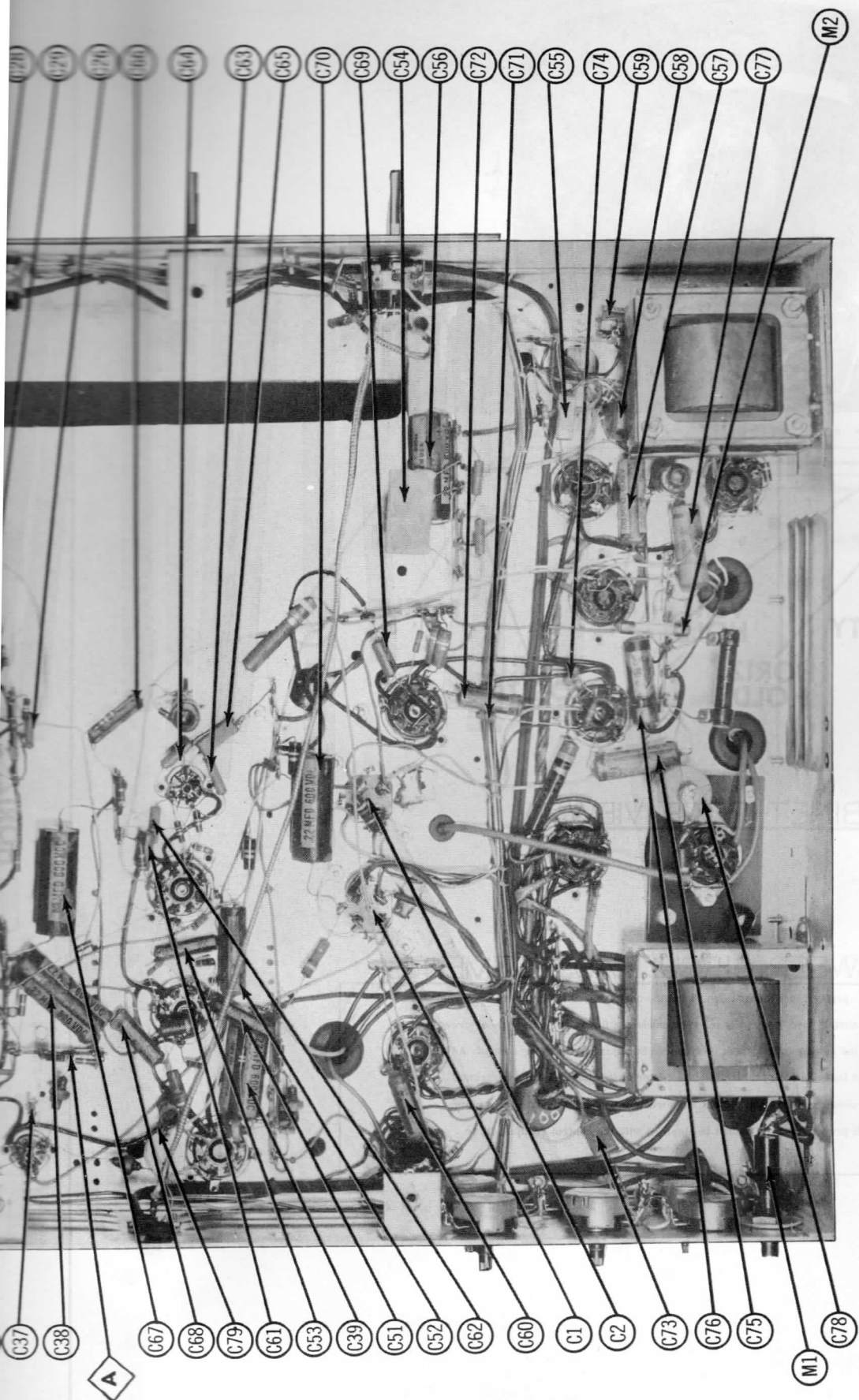
TRANSVISION
CHASSIS A-4,

TRANSVISION
CHASSIS A-4,

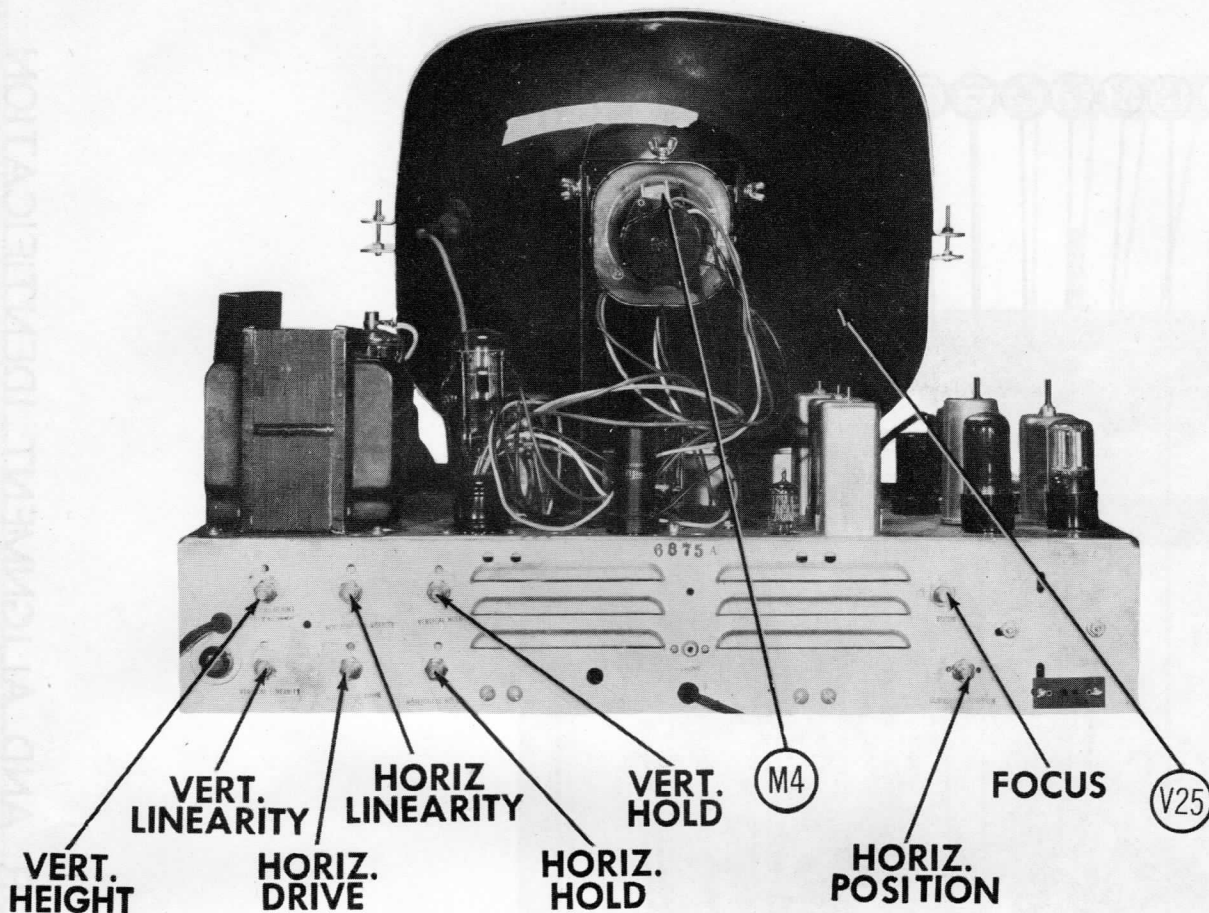


TRANSVISION
CHASSIS A-4,
CHASSIS TOP VIEW





CHASSIS A-4, CHASSIS BOTTOM VIEW-CAPACITOR AND ALIGNMENT IDENTIFICATION

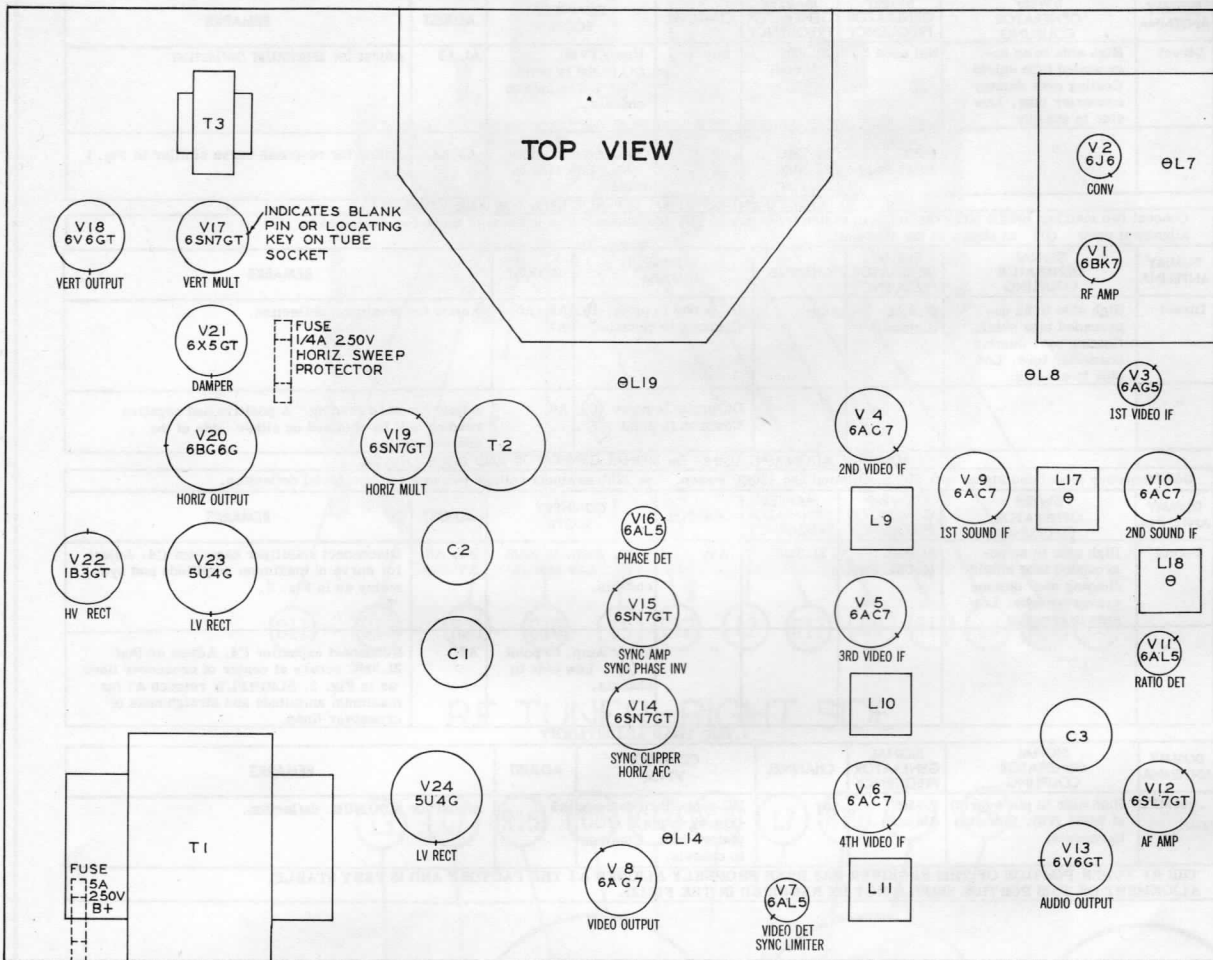


CABINET-REAR VIEW

HORIZONTAL SWEEP CIRCUIT ADJUSTMENTS

Turn the set on and tune in a TV station, preferably a test pattern. Turn the horizontal hold control to synchronize the picture horizontally. Adjust the horizontal drive control counter-clockwise as far as possible without crowding the picture. If a fold-over occurs in the picture that cannot be removed by adjusting the drive control. Adjust the horizontal phase slug (B1). Otherwise leave B1 at approximately the center of its range. Set the horizontal linearity slug (B2) at the approximate center of its range. Adjust the horizontal linearity control for a picture that is symmetrical from left to right. If proper linearity cannot be obtained with the control readjust B2 to correct the non-linearity.

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-V23, V24 Fuse (M1)

LOSS OF PICTURE OR SOUND

No pic, no sound, has raster-V2, V3, V4

No pic, no sound, has snow-V1, V2, V3

No pic, has sound, has raster-V5, V6, V7, V8, V25

Has pic, no sound-V9, V10, V11, V12, V13

SYNC FAILURE

No vert. sync-V15, V16

No horiz. sync-V14, V15, V18, V19

No vert. and horiz. sync-V14, V15

SWEEP FAILURE

No raster, has sound-V19, V20, V21, V22, V25 Fuse (M2)

No vertical deflection-V17

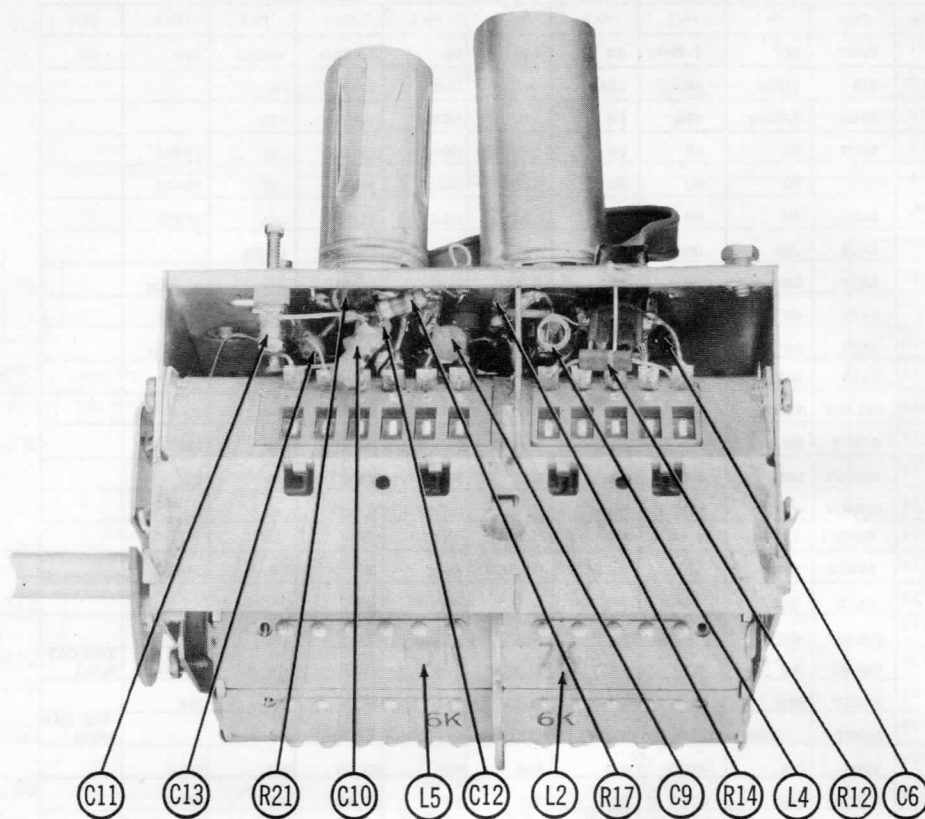
Poor vert. linearity or foldover-V16, V17

Poor horiz. linearity or foldover-V19, V20, V21

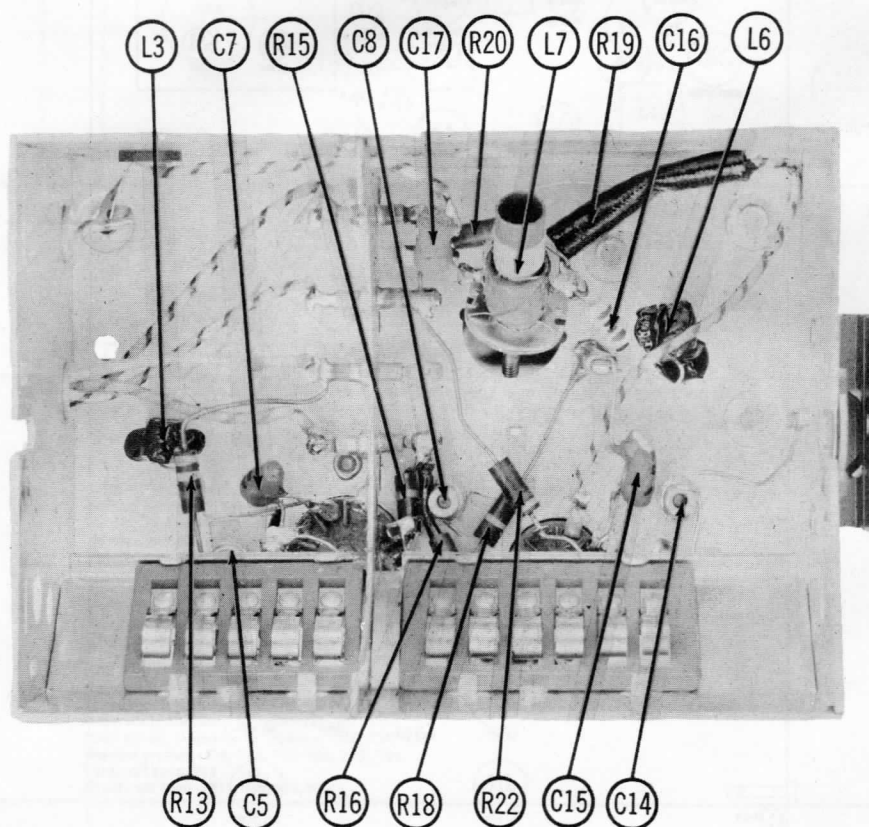
Narrow picture-V19, V20, V21, V22, V23, V24

Vert. off freq.-V15, V16

Horiz. off freq.-V14, V15, V18, V19



RF TUNER-RIGHT SIDE



RF TUNER-BOTTOM VIEW

ALIGNMENT INSTRUCTIONS

ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT

The high voltage lead should be securely taped and kept away from the chassis. Do not remove the horizontal oscillator tube to disable the high voltage.

VIDEO IF ALIGNMENT

Remove the converter tube (V2) and replace with a 6J6 which has pin 1 removed. This will disable the local oscillator and reduce the possibility of erroneous indications.
Connect the negative lead of a 3 volt battery to the ungrounded side of C38. Connect the positive lead to chassis.
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
1. Direct	High side to an ungrounded tube shield floating over dummy converter tube. Low side to chassis.	Not used	21.9MC (Unmod)	Any	Use VTVM. DC probe to point A. Common to chassis.	A1, A2	Adjust for MINIMUM Deflection
2. "	"	24MC (10MC Swp)	21.9MC 22.5MC 26.4MC	"	Vert. Amp. to point B. Low side to chassis.	A3, A4	Adjust for response curve similar to Fig. 1.

SOUND IF ALIGNMENT USING AM SIGNAL GENERATOR AND VTVM

Connect two matched 100K Ω ($\pm 1\%$) resistors in series from point B to chassis. The junction of these two resistors is alignment point D as shown on the schematic.

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	CHANNEL	CONNECT VTVM	ADJUST	REMARKS
3. Direct	High side to an ungrounded tube shield floating over dummy converter tube. Low side to chassis.	21.9MC (Unmod.)	Any	DC probe to point B. Common to chassis.	A5, A6, A7	Adjust for maximum deflection.
4. "	"	"	"	DC probe to point C. Common to point D.	A8	Adjust for zero reading. A positive and negative reading will be obtained on either side of the correct setting.

SOUND IF ALIGNMENT USING FM SIGNAL GENERATOR AND OSCILLOSCOPE

Use frequency modulated signal with 60% modulation and 450KC sweep. Use 120v sawtooth voltage in scope for horizontal deflection.

DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
3. Direct	High side to an ungrounded tube shield floating over dummy converter tube. Low side to chassis.	21.9MC (450KC Swp)	21.9MC	Any	Vert. Amp. to point B. Low side to chassis.	A5, A6, A7	Disconnect stabilizer capacitor C4. Adjust for curve of maximum amplitude and symmetry as in Fig. 2.
4. "	"	"	"	"	Vert. Amp. to point C. Low side to chassis.	A8	Reconnect capacitor C4. Adjust so that 21.9MC occurs at center of crossover lines as in Fig. 3. SLIGHTLY retouch A7 for maximum amplitude and straightness of crossover lines.

4.5MC TRAP ADJUSTMENT

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	CHANNEL	CONNECT VTVM	ADJUST	REMARKS
5. .005MFD	High side to pin 4 (grid) of 6AG7 (V8). Low side to chassis.	4.5MC (Unmod)	Any	DC probe thru detector (Fig. 4), to pin 11 of picture tube. Common to chassis.	A9	Adjust for MINIMUM deflection.

THE RF TUNER PORTION OF THIS RECEIVER HAS BEEN PROPERLY ALIGNED AT THE FACTORY AND IS VERY STABLE. ALIGNMENT OF THIS PORTION SHOULD NOT BE REQUIRED IN THE FIELD.

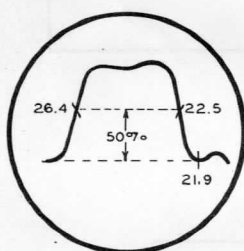


FIG. 1

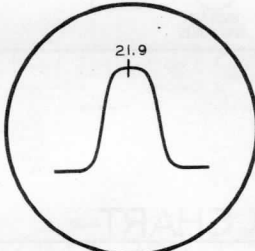


FIG. 2

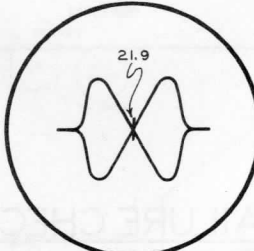


FIG. 3

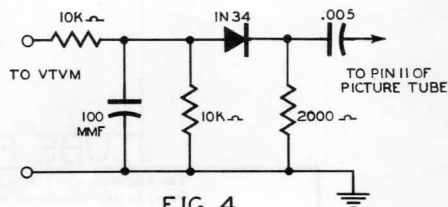
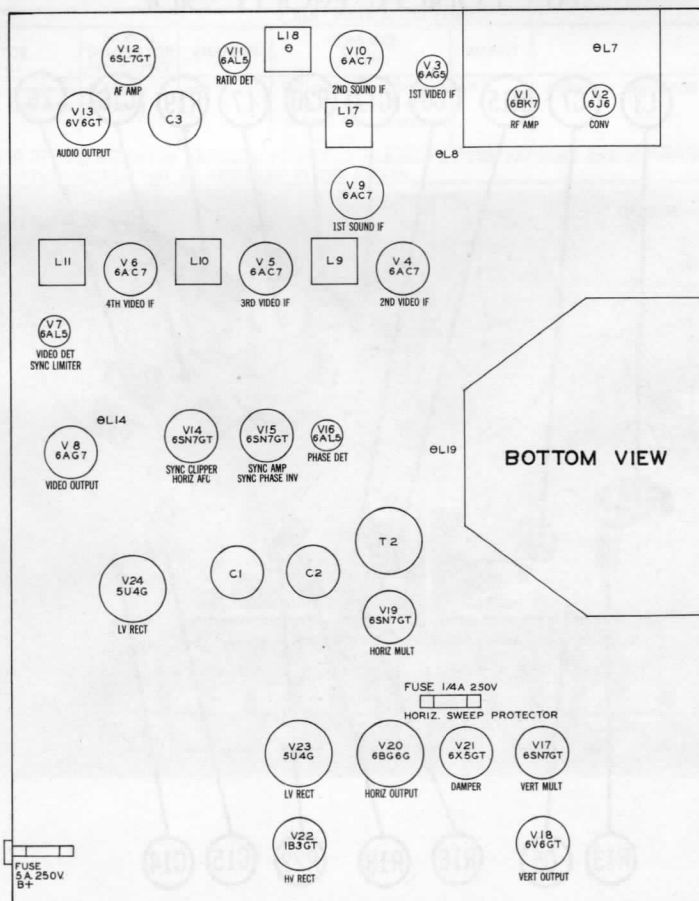


FIG. 4

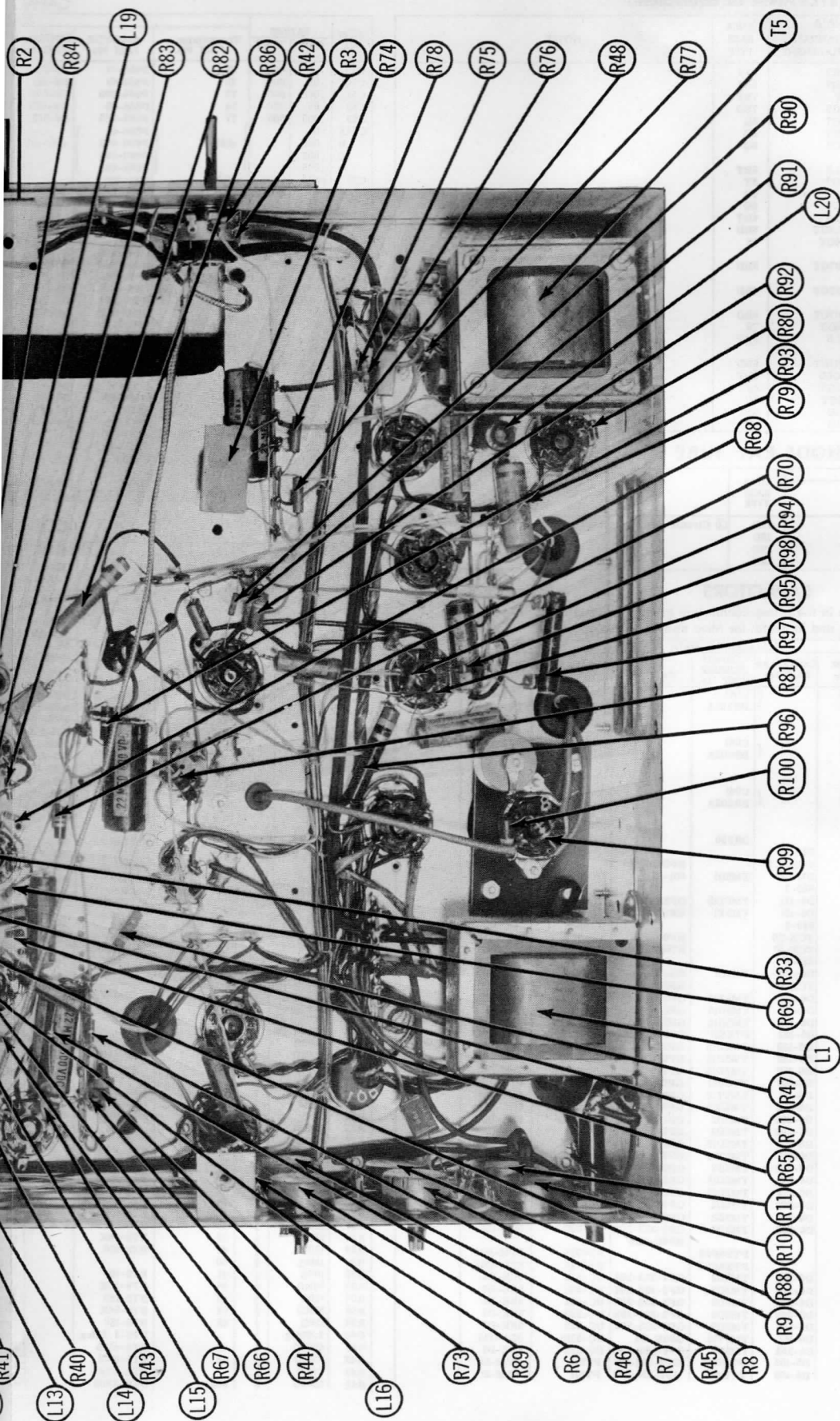
RESISTANCE MEASUREMENTS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V 1	6BK7	INF	2.3Meg	0Ω	.1Ω	0Ω	†6.6KΩ	†108KΩ	INF	0Ω
V 2	6J6	†21KΩ	†26KΩ	.1Ω	0Ω	225KΩ	10KΩ	0Ω		
V 3	6AG5	2.4Meg	47Ω	0Ω	.1Ω	†12KΩ	†57KΩ	47Ω		
V 4	6AC7	0Ω	0Ω	0Ω	2.3Meg	100Ω	†57KΩ	.1Ω	†950Ω	
V 5	6AC7	0Ω	0Ω	0Ω	3.2Meg	100Ω	†57KΩ	.1Ω	†800Ω	
V 6	6AC7	0Ω	0Ω	0Ω	.2Ω	150Ω	†57KΩ	.1Ω	†650Ω	
V 7	6AL5	.2Ω	1Meg	0Ω	.1Ω	0Ω	0Ω	4.7KΩ		
V 8	6AG7	0Ω	0Ω	0Ω	4.7KΩ	450Ω	†48KΩ	.1Ω	†3.8KΩ	
V 9	6AC7	0Ω	0Ω	0Ω	1.1Meg	47Ω	†100KΩ	.1Ω	†650Ω	
V 10	6AC7	0Ω	0Ω	0Ω	.1Ω	150Ω	†103KΩ	.1Ω	†2.8KΩ	
V 11	6AL5	INF	INF	0Ω	.1Ω	0Ω	0Ω	56KΩ		
V 12	6SL7GT	3.3Meg	†240KΩ	0Ω	24KΩ	†240KΩ	3.3KΩ	.1Ω	0Ω	
V 13	6V6GT	0Ω	0Ω	†1.7KΩ	†1.5KΩ	470KΩ	1Meg	.1Ω	390Ω	
V 14	6SN7GT	1Meg	18KΩ	0Ω	INF	†450Ω	10KΩ	.1Ω	0Ω	
V 15	6SN7GT	470KΩ	†22KΩ	1KΩ	470KΩ	†5.2KΩ	4.7KΩ	.1Ω	0Ω	
V 16	6SN7GT	1.1Meg	1.4Meg	0Ω	1.1Meg	†100KΩ	0Ω	.1Ω	0Ω	
V 17	6V6GT	INF	.1Ω	†1.5KΩ	†1.5KΩ	1Meg	INF	0Ω	1.6KΩ	
V 18	6AL5	INF	INF	0Ω	.1Ω	100KΩ	0Ω	100KΩ		
V 19	6SN7GT	80KΩ	†340KΩ	0Ω	80KΩ	†100KΩ	0Ω	0Ω	.1Ω	
V 20	6BG6G	INF	0Ω	68Ω	†1.2KΩ	1Meg	†57KΩ	.1Ω	†10KΩ	TOP CAP #135Ω
V 21	6X5GT	INF	INF	†120Ω	†119Ω	†120Ω	INF	INF	INF	
V 22	1B3GT	PINS 1 - 8 HAVE INF RESISTANCE								TOP CAP #585Ω
V 23	5V4G	INF	42KΩ	INF	30Ω	INF	28.4Ω	INF	42KΩ	
V 24	5U4G	INF	42KΩ	INF	30Ω	INF	28.4Ω	INF	42KΩ	
V 25	17BP4A	0Ω	41KΩ	PIN 10 †450Ω	PIN 11 55KΩ	PIN 12 .1Ω				

† MEASURED FROM PIN 8 OF V23
MEASURED FROM PIN 8 OF V21

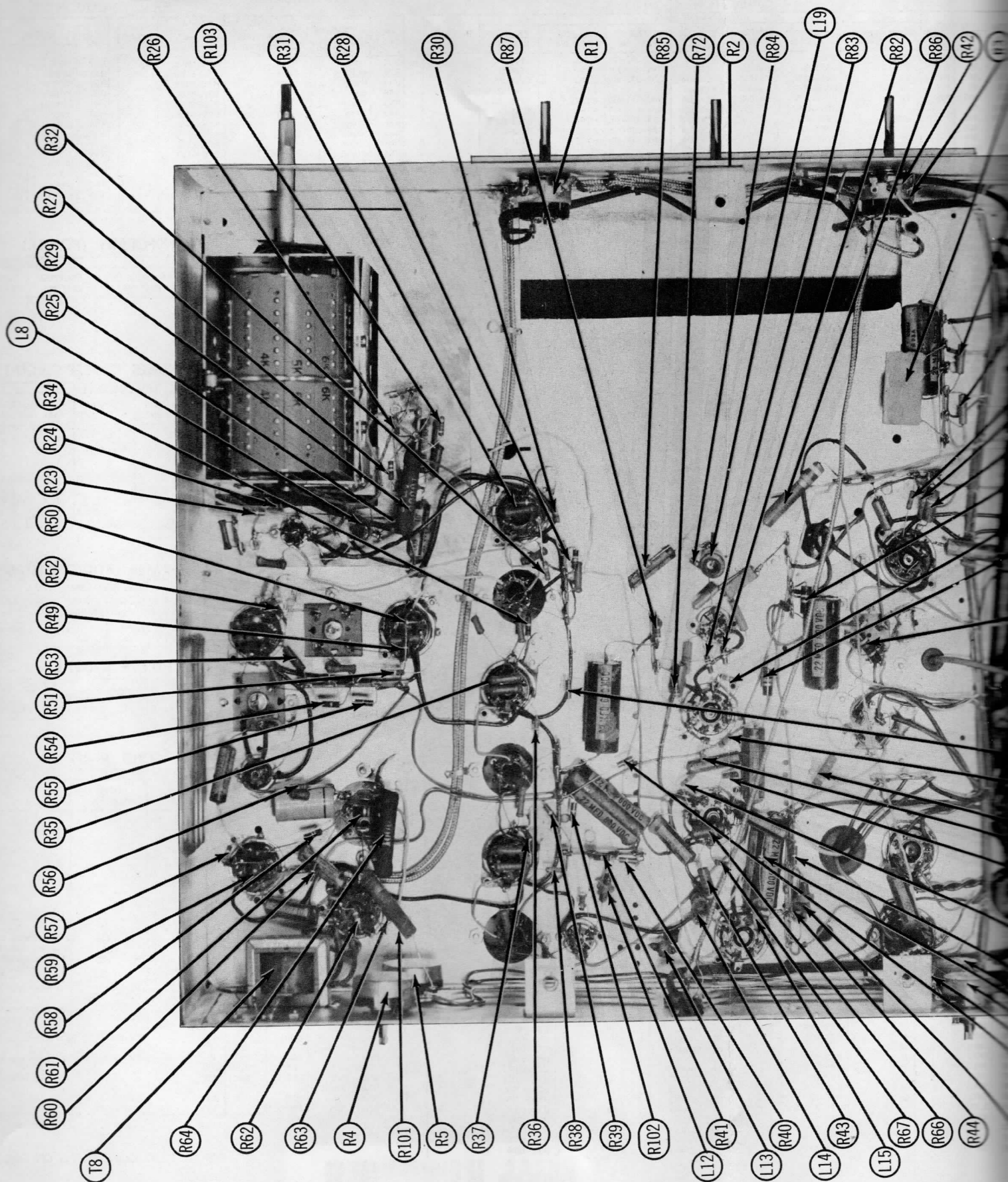


TUBE PLACEMENT CHART



CHASSIS BOTTOM VIEW-RESISTOR AND INDUCTOR IDENTIFICATION

TRANSVISION
CHASSIS A-4.



PARTS LIST AND DESC

CAPACITORS (CON

TUBES (SYLVANIA or Equivalent)

ITEM No.	USE	REPLACEMENT DATA		RTMA BASE TYPE	NOTES
		Transvision PART No.	STANDARD REPLACEMENT		
V1A	RF Amplifier	6BK7	6BK7	9AJ	
B	RF Amplifier	6BQ7	6BQ7	9AJ	
V2	Converter	6J6	6J6	7BF	
V3	1st. Video IF Amp.	6AG5	6AG5	7BD	
V4	2nd. Video IF Amp.	6AC7	6AC7	6Q	
V5	3rd. Video IF Amp.	6AC7	6AC7	6Q	
V6	4th. Video IF Amp.	6AC7	6AC7	6Q	
V7	Video Detector-Sync Limiter	6AL5	6AL5	6BT	
V8	Video Output	6AG7	6AG7	8Y	
V9	1st. Sound IF Amp.	6AC7	6AC7	6Q	
V10	2nd. Sound IF Amp.	6AC7	6AC7	6Q	
V11	Ratio Detector	6AL5	6AL5	6BT	
V12	AF Amplifier	6SL7GT	6SL7GT	8BD	
V13	Audio Output	6V6GT	6V6GT	7S	
V14	Sync Clipper-Horiz. AFC Control	6SN7GT	6SN7GT	8BD	
V15	Sync Amplifier-Sync Phase Inv.	6SN7GT	6SN7GT	8BD	
V16	Vert. Oscillator-Vert. Discharge	6SN7GT	6SN7GT	8BD	
V17	Vert. Output	6V6GT	6V6GT	7S	
V18	Horiz. Phase Det.	6AL5	6AL5	6BT	
V19	Horiz. Oscillator-Horiz. Discharge	6SN7GT	6SN7GT	8BD	
V20	Horiz. Output	6BG6G	6BG6G	5BT	
V21	Damper	6X5GT	6X5GT	6S	
V22	HV Rectifier	1B3GT	1B3GT	3C	
V23	LV Rectifier	5U4G	5U4G	5T	
V24	LV Rectifier	5U4G	5U4G	5T	

CATHODE-RAY TUBE

ITEM No.	REPLACEMENT DATA		RTMA BASE TYPE	NOTES
	Transvision PART No.	SYLVANIA PART No.		
V25		17BP4A 17BP4 ① 17HP4 ① 17RP4 ①	12D 12D 12C 12C	① Circuit changes necessary

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		REPLACEMENT DATA						NOTES
	CAP.	VOLT	Transvision PART No.	AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILER PART No.	ERIE PART No.	MALLORY PART No.	
C1A	30	475	90	AFH4-124		C041		FP396	TVL-3840
B	30	475		PRS25/25		BR202A		TC26	TVA-1205
C	10	475							
D	20	25							
C2A	30	475	90	AFH4-124		C041		FP396	TVL-3840
B	30	475		PRS25/25		BR202A		TC26	TVA-1205
C	10	475							
D	20	25							
C3A	30	475	90	AFH4-124		C041		FP396	TVL-3840
B	30	475		PRS25/25		BR202A		TC26	TVA-1205
C	10	475							
D	20	25							
C4	4	50	230	PRS150/4		BR550		TC30	TVA-1303
C5	3-8				829-10				
C6	2.2				TCZ-2, 2				
C7	1000				DD-102	TM5D1		DC-521	5HKB-D1
C8	5-3				829-3		NP0K-2R2	CT565A	
C9	120				SI120	TM5T12	GP2K-121	UC-5312	5GA-T12
C10	100				SI100	TM5T1	GP1K-101	UC-531	5GA-T1
C11	5-3				829-3			CT565A	
C12	20				SI20NP0	TCZ-20	NP0K-200	ZT-542	5TCC-Q2
C13	10				SI10N750	TCN-10	N750K-100	NT-541	5TCU-Q1
C14	5-3				829-3			CT565A	
C15	1000				BPD-001	DD-102	TM5D1	DC-521	5HK-D1
C16	10				SI10NP0	TCZ-10	NP0K-100	ZT-541	5TCC-Q1
C17	120				SI120	TM5T12	GP2K-121	UC-5312	5GA-T12
C18	1500				SI1500	TM5D15	GP2L-152	UC-5215	5HK-D15
C19	1500				SI1500	TM5D15	GP2L-152	UC-5215	5HK-D15
C20	.01	600	79		P688-01	D6-103	PTE6S1	PT611	6TM-S1
C21	1500				SI1500	D6-152	TM5D15	GP2L-152	UC-5215
C22	1500				SI1500	D6-152	TM5D15	GP2L-152	UC-5215
C23	1500				SI1500	D6-152	TM5D15	GP2L-152	UC-5215
C24	.01	600	79		P688-01	D6-103	PTE6S1	PT611	6TM-S1
C25	150		72		SI150	D6-151	TM5T15	UC-5315	5GA-T15
C26	1500				SI1500	D6-152	TM5D15	GP2L-152	UC-5215
C27	2000		76		SI2000	D6-202	TM5D2	GP2-333-202	UC-522
C28	2000		76		SI2000	D6-202	TM5D2	GP2-333-202	UC-522
C29	1500		72		SI1500	D6-152	TM5D15	GP2L-152	UC-5215
C30	150		72		SI150	D6-151	TM5T15	UC-5315	5GA-T15
C31	2000		76		SI2000	D6-202	TM5D2	GP2-333-202	UC-522
C32	1500				SI1500	D6-152	TM5D15	GP2L-152	UC-5215
C33	1500				SI1500	D6-152	TM5D15	GP2L-152	UC-5215
C34	2000		76		SI2000	D6-202	TM5D2	GP2-333-202	UC-522
C35	2000		76		SI2000	D6-202	TM5D2	GP2-333-202	UC-522
C36	2000		76		SI2000	D6-202	TM5D2	GP2-333-202	UC-522
C37	7.5								
C38	.22	600			684-25		PTE6P25	PT6025	6TM-P25
C39	.22	600			684-25		PTE6P25	PT6025	6TM-P25
C40	2000		76		SI2000	D6-202	TM5D2	GP2-333-202	UC-522
C41	2000		76		SI2000	D6-202	TM5D2	GP2-333-202	UC-522
C42	2000		76		SI2000	D6-202	TM5D2	GP2-333-202	UC-522
C43	2000		76		SI2000	D6-202	TM5D2	GP2-333-202	UC-522
C44	2000		76		SI2000	D6-202	TM5D2	GP2-333-202	UC-522
C45	150		72		SI150	D6-151	TM5T15	UC-5315	5GA-T15
C46	2000		76		SI2000	D6-202	TM5D2	GP2-333-202	UC-522
C47	.01	600	79		P688-01	D6-103	PTE6S1	PT611	6TM-S1
C48	.01	600	79		P688-01	D6-103	PTE6S1	PT611	6TM-S1

ITEM No.	RATING		REPLACEMENT DATA				NOTES
	CAP.	VOLT	Transvision PART No.	AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILER PART No.	
C49	.01	600	79	P688-01	D6-103	PTE6S1	GP2-3
C50	.01	600	79	P688-01	D6-103	PTE6S1	GP2-3
C51	.005	600	77	P688-005	D6-502	PTE6D5	GP2-3
C52	.05	600	74	P688-05	DF-503	PTE6S5	GP2-3
C53	.005	600	77	P688-005	D6-502	PTE6D5	GP2-3
C54A	.01			P688-01		PTE6S1	GP2-3
B	.002		1259	P688-002		PTE6D2	GP2-3
C	.005			P688-005		PTE6D5	GP2-3
D	.005			P688-005		PTE6D5	GP2-3
C55	5000	500	1150	1464-005		IDR5D5	GP2-3
C56	.22	600		684-25		PTE6P25	GP2-3
C57	.05	600	74	P688-05	DF-503	PTE6S5	GP2-3
C58	.22	600		684-25		PTE6P25	GP2-3
C59	.05	600	74	P688-05	DF-503	PTE6S5	GP2-3
C60	.01	600	79	P688-01	D6-103	PTE6S1	GP2-3
C61	500	500	73	1468-0005	D6-501	5W5T5	GP2K
C62	500	500	73	1468-0005	D6-501	5W5T5	GP2K
C63	500	500	73	1468-0005	D6-501	5W5T5	GP2K
C64	500	500	73	1468-0005	D6-501	5W5T5	GP2K
C65	1000	500	82	1468-0001	D6-102	1W5D1	GP2L
C66	.005	600	77	P688-005	D6-502	PTE6D5	GP2-3
C67	.22	600		684-25		PTE6P25	GP2-3
C68	.01	600	79	P688-01	D6-103	PTE6S1	GP2-3
C69	500	500	73	1469-0005		5R5T5	GP2-3
C70	.22	600		684-25		PTE6P25	GP2-3
C71	150		72	SI150	D6-151	TM5T15	GP2K
C72	.01	600	79	P688-01	D6-103	PTE6S1	GP2-3
C73	1000	500	85	1468-001	D6-102	1W5D1	GP2L
C74	150		72	SI150	D6-151	TM5T15	GP2K
C75	.05	600	74	P688-05	DF-503	PTE6S5	GP2-3
C76	.05	600	74	P688-05	DF-503	PTE6S5	GP2-3
C77	.03	1000		P1088-03		PTE16S3	GP2-3
C78	500	20000	330	HV20C	TV3-502	MM-C20T5	413-50
C79	68			SI1000	D6-102	TM5D1	N750L
C80	1000						GP2L

* Items C54A, C54B, C54C, C54D, R74A, R74B, R74C, R74D are combined in one

CONTROLS

ITEM No.	RATING		REPLACEMENT DATA				NOTES
	RESISTANCE	WATTS	Transvision PART No.	IRC PART No.	CLAROSTAT PART No.	CENTRALAB PART No.	
R1A	1Meg		28	Q13-137	AG-63-Z	B-70-S	
B	Shaft		Not Req.	Not Req.	FS-3	Not Req.	
C	Switch		Not Req.	Not Req.	SWB	Not Req.	
R2A	100KΩ		328	Q11-128	AG-49-S	B-40-S	
B	Shaft		Not Req.	Not Req.	FS-3	Not Req.	
C	Switch		Not Req.	Not Req.	SWB	Not Req.	
R3A	10KΩ		1149	Q11-128	AG-30-V	B-17	
B	Shaft		Not Req.	Not Req.	FS-3	Not Req.	
C	Switch		Not Req.	Not Req.	SWB-1	KB-3	
R4A	25Ω	2	644	W-25	A43-25	VK-111	
B	Shaft		Not Req.	Not Req.	FKS-1/4	Not Req.	
R5A	2000Ω	4	326	Q11-128	A10-2000	SVF-998	
B	Shaft		Not Req.	Not Req.	FKS-1/4	Not Req.	
R6A	100KΩ		36	Q11-128	AG-49-S	AB-40	
B	Shaft		Not Req.	Not Req.	FKS-1/4	AK-1	
R7A	1Meg		374	Q11-137	AG-61-S	AB-69	
B	Shaft		Not Req.	Not Req.	FKS-1/4	AK-1	
R8A	100KΩ		36	Q11-128	AG-49-S	AB-40	
B	Shaft		Not Req.	Not Req.	FKS-1/4	AK-1	
R9A	5000Ω		373	Q11-14	AG-19-S	AB-10	
B	Shaft		Not Req.	Not Req.	FKS-1/4	AK-1	
R10A	5000Ω		373	Q11-14	AG-19-S	AB-10	
B	Shaft		Not Req.	Not Req.	FKS-1/4	AK-1	
R11A	2Meg		37	Q11-159	AG-63-S	AB-75	
B	Shaft		Not Req.	Not Req.	FKS-1/4	AK-1	

RESISTORS

ITEM No.	RATING		REPLACEMENT DATA		NOTES	ITEM No.	RATING	
	OHMS	WATT	Transvision PART No.	IRC PART No.			OHMS	WATT
R12	22KΩ			BTS-22K		R45	2200Ω	
R13	47KΩ					R46	100KΩ	
R14	220KΩ 5%					R47	91KΩ 5%	
R15	180KΩ 5%					R48	47KΩ	
R16	1000Ω			BTS-1000		R49	1Meg	
R17	4700Ω			BTS-4700		R50	47Ω	
R18	220KΩ					R51	100KΩ	
R19	10Ω					R52	150Ω	
R20	15KΩ			BTS-15K		R53	100KΩ	
R21	10KΩ			BTS-10K		R54	2200Ω	
R22	10KΩ			BTS-10K		R55	150Ω	
R23	6800Ω		49			R56	56KΩ	
R24	47Ω		337			R57	3.3Meg	
R25	1000Ω		45	BTS-1000		R58	220KΩ	
R26	100KΩ		56	BTS-100K		R59	3300Ω	
R27	100KΩ		56	BTS-100K		R60	220KΩ	
R28	100KΩ		56	BTS-100K		R61	22KΩ	
R29	10KΩ	10	344	1-3/4A-10K		R62	470KΩ	
R30	10KΩ		50	BTS-10K		R63	390Ω	
R31	100Ω		41	BTS-100		R64	1000Ω	
R32	56KΩ		54	BTS-56K		R65	1Meg	
R33	150Ω		42	BTS-150		R66	100KΩ	
R34	1Meg		60			R67	18KΩ	
R35	100Ω		41	BTS-100		R68	470KΩ	
R36	56KΩ		54	BTS-56K		R69	1000Ω	
R37	150Ω		42	BTS-150		R70	22KΩ	
R38	56KΩ		54	BTS-56K		R71	470KΩ	
R39	150Ω		42	BTS-150		R72	4700Ω	
R40	2.2Meg			BTS-2.2Meg		R73	4700Ω	
R41	4700Ω		48	BTS-4700		R74A	22KΩ	
R42	1000Ω		45	BTS-1000		B	22KΩ	
R43	47KΩ	1		ATA-47K		C	8200Ω	
R44	3300Ω	2	643	BTP-3300		D	8200Ω	

CAPACITORS (CONT.)

	UC-531	5GA-T1
	CT565A	
	ZT-542	5TCC-Q2
	NT-541	5TCC-Q1
	CT565A	
	DC-521	5HK-D1
	ZT-541	5TCC-Q1
	UC-5312	5GA-T12
	UC-5215	5HK-D15
	UC-5215	5HK-D15
	PT611	6TM-S1
	UC-5215	5HK-D15
	UC-5215	5HK-D15
	UC-5215	5HK-D15
	PT611	6TM-D15
	UC-5315	5GA-T15
	UC-5215	5HK-D15
	UC-522	5HK-D2
	UC-522	5HK-D2
	UC-5215	5HK-D15
	UC-5315	5GA-T15
	UC-522	5HK-D2
	UC-5315	5HK-D15
	UC-5215	5HK-D15
	UC-522	5HK-D2
	UC-522	5HK-D2
	UC-522	5HK-D2
	PT6025	6TM-P25
	PT6025	6TM-P25
	UC-522	5HK-D2
	UC-522	5HK-D2
	UC-522	5HK-D2
	UC-522	5HK-D2
	UC-522	5HK-D2
	UC-5315	5GA-T15
	UC-522	5HK-D2
	PT611	6TM-S1
	PT611	6TM-S1

♦ Items C54A, C54B, C54C, C54D, R74A, R74B, R74C, R74D are combined in one unit.

CONTROLS

ITEM No.	RATING		REPLACEMENT DATA					INSTALLATION NOTES
	RESISTANCE	WATTS	Transvision Part No.	IRC Part No.	CLAROSTAT Part No.	CENTRALAB Part No.	MALLORY Part No.	
R1A	1Meg	$\frac{1}{2}$	28	Q13-137	AG-63-Z	B-70-S	U-53	Volume
B	Shaft		Not Req.	Not Req.	FS-3	Not Req.	Not Req.	Attach to R1A
C	Switch		Not Req.	76-1	SWB	Not Req.	US-26	Attach to R1A
R2A	100K Ω	$\frac{1}{2}$	328	Q11-128	AG-49-S	B-40-S	U-41	Brightness
B	Shaft		Not Req.	Not Req.	FS-3	Not Req.	Not Req.	Attach to R2A
C	Switch		Not Req.	76-1	SWB	Not Req.	US-26	Attach to R2A
R3A	10K Ω	$\frac{1}{2}$	1149		AG-30-V	B-17	U-19	Contrast
B	Shaft		Not Req.		FS-3	Not Req.	Not Req.	Attach to R3A
C	Switch		Not Req.		SWB-1	KB-3	US-28	Attach to R3A
R4A	25 Ω	2	644	W-25	A43-25	VX-111	R25L	Horiz. position-wire wound
B	Shaft		Not Req.	Not Req.	FKS-1/4	Not Req.	Not Req.	Attach to R4A
R5A	2000 Ω	4	326		A10-2000	SVP-998	M2MP	Focus-Wire wound
B	Shaft		Not Req.		FKS-1/4	Not Req.	Not Req.	Attach to R5A
R6A	100K Ω	$\frac{1}{2}$	36	Q11-128	AG-49-S	AB-40	SU-41	Horiz. Hold
B	Shaft		Not Req.	Not Req.	FKS-1/4	AK-1	Not Req.	Attach to R6A
R7A	1Meg	$\frac{1}{2}$	374	Q11-137	AG-61-S	AB-69	SU-54	Vert. Hold
B	Shaft		Not Req.	Not Req.	FKS-1/4	AK-1	Not Req.	Attach to R7A
R8A	100K Ω	$\frac{1}{2}$	36	Q11-128	AG-49-S	AB-40	SU-41	Horiz. Drive
B	Shaft		Not Req.	Not Req.	FKS-1/4	AK-1	Not Req.	Attach to R8A
R9A	5000 Ω	$\frac{1}{2}$	373	Q11-114	AG-19-S	AB-10	SU-14	Horiz. Linearity
B	Shaft		Not Req.	Not Req.	FKS-1/4	AK-1	Not Req.	Attach to R9A
R10A	5000 Ω	$\frac{1}{2}$	373	Q11-114	AG-19-S	AB-10	SU-14	Vert. Linearity
B	Shaft		Not Req.	Not Req.	FKS-1/4	AK-1	Not Req.	Attach to R10A
R11A	2Meg	$\frac{1}{2}$	37	Q11-139	AG-83-S	AB-75	SU-56	Height
B	Shaft		Not Req.	Not Req.	FKS-1/4	AK-1	Not Req.	Attach to R11A

RESISTORS

ITEM No.	RATING		REPLACEMENT DATA		NOTES	ITEM No.	RATING		REPLACEMENT DATA		NOTES
	OHMS	WATT	Transvision PART No.	IRC PART No.			OHMS	WATT	Transvision PART No.	IRC PART No.	
R12	22KΩ	1/2		BTS-22K		R45	2200Ω	1/2	46	BTS-2200	
R13	47KΩ	1/2				R46	100KΩ	1/2	56	BTS-100K	
R14	220KΩ 5%	1/2				R47	91KΩ 5%	1/2		BTA-91K 5%	
R15	180KΩ 5%	1/2				R48	47KΩ	1/2	53	BTS-47K	
R16	100Ω	1/2		BTS-1000		R49	1Meg	1/2	60		
R17	4700Ω	1/2		BTS-4700		R50	47Ω	1/2	337		
R18	220KΩ	1/2				R51	100KΩ	1/2	56	BTS-100K	
R19	10Ω	1/2				R52	150Ω	1/2	42	BTS-150	
R20	15KΩ	1/2		BTS-15K		R53	100KΩ	1/2	56	BTS-100K	
R21	10KΩ	1/2		BTS-10K		R54	2200Ω	1/2	46	BTS-2200	
R22	10KΩ	1/2		BTS-10K		R55	150Ω	1/2	42	BTS-150	
R23	6800Ω	1/2	49			R56	56KΩ	1/2	54	BTS-56K	
R24	47Ω	1/2	337			R57	3.3Meg	1/2	62	BTS-3.3Meg	
R25	1000Ω	1/2	45	BTS-1000		R58	220KΩ	1/2	57	BTS-220K	
R26	100KΩ	1/2	56	BTS-100K		R59	3300Ω	1/2	47	BTS-3300	
R27	100KΩ	1/2	56	BTS-100K		R60	220KΩ	1/2	57	BTS-220K	
R28	100KΩ	1/2	56	BTS-100K		R61	22KΩ	1	1007	BTA-22K	
R29	10KΩ	10	344	1-3/4A-10K		R62	470KΩ	1/2	59	BTS-470K	
R30	10KΩ	1/2	50	BTS-10K		R63	390Ω	1/2	43	BTS-390	
R31	100Ω	1/2	41	BTS-100		R64	1000Ω	10	343	1-3/4A-1000	
R32	56KΩ	1/2	54	BTS-56K		R65	1Meg	1/2	60	BTS-1Meg	
R33	150Ω	1/2	42	BTS-150		R66	100KΩ	1	66	BTA-100K	
R34	1Meg	1/2	60			R67	18KΩ	1/2		BTS-18K	
R35	100Ω	1/2	41	BTS-100		R68	470KΩ	1/2	59	BTS-470K	
R36	56KΩ	1/2	54	BTS-56K		R69	1000Ω	1	45	BTS-1000	
R37	150Ω	1/2	42	BTS-150		R70	22KΩ	1	1007	BTA-22K	
R38	56KΩ	1/2	54	BTS-56K		R71	470KΩ	1/2	59	BTS-470K	
R39	150Ω	1/2	42	BTS-150		R72	4700Ω	1/2	48	BTS-4700	
R40	2.2Meg	1/2		BTS-2.2Meg		R73	4700Ω	1/2	48	BTS-4700	
R41	4700Ω	1/2	48	BTS-4700		R74A	22KΩ	1/2		BTS-22K	
R42	1000Ω	1/2	45	BTS-1000		B	22KΩ	1/2	4259	BTS-22K	
R43	47KΩ	1		BTA-47K		C	8200Ω	1/2		BTS-8200	
R44	3300Ω	2	643	BTR-3300		C	8200Ω	1/2		BTS-8200	

* Items R74A, R74B, R74C, R74D, C54A, C54B, C54C, C54D, C54E, C54F, C54G, C54H, C54I, C54J, C54K, C54L, C54M, C54N, C54O, C54P, C54Q, C54R, C54S, C54T, C54U, C54V, C54W, C54X, C54Y, C54Z, C54AA, C54AB, C54AC, C54AD, C54AE, C54AF, C54AG, C54AH, C54AI, C54AJ, C54AK, C54AL, C54AM, C54AN, C54AO, C54AP, C54AQ, C54AR, C54AS, C54AT, C54AU, C54AV, C54AW, C54AX, C54AY, C54AZ, C54BA, C54BB, C54BC, C54BD, C54BE, C54BF, C54BG, C54BH, C54BI, C54BJ, C54BK, C54BL, C54BM, C54BN, C54BO, C54BP, C54BQ, C54BR, C54BS, C54BT, C54BU, C54BV, C54BW, C54BX, C54BY, C54BZ, C54CA, C54CB, C54CC, C54CD, C54CE, C54CF, C54CG, C54CH, C54CI, C54CJ, C54CK, C54CL, C54CM, C54CN, C54CO, C54CP, C54CQ, C54CR, C54CS, C54CT, C54CU, C54CV, C54CW, C54CX, C54CY, C54CZ, C54DA, C54DB, C54DC, C54DD, C54DE, C54DF, C54DG, C54DH, C54DI, C54DJ, C54DK, C54DL, C54DM, C54DN, C54DO, C54DP, C54DQ, C54DR, C54DS, C54DT, C54DU, C54DV, C54DW, C54DX, C54DY, C54DZ, C54EA, C54EB, C54EC, C54ED, C54EE, C54EF, C54EG, C54EH, C54EI, C54EJ, C54EK, C54EL, 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C54JZ, C54KA, C54KB, C54KC, C54KD, C54KE, C54KF, C54KG, C54KH, C54KI, C54KJ, C54KK, C54KL, C54KM, C54KN, C54KO, C54KP, C54KQ, C54KR, C54KS, C54KT, C54KU, C54KV, C54KW, C54KX, C54KY, C54KZ, C54LA, C54LB, C54LC, C54LD, C54LE, C54LF, C54LG, C54LH, C54LI, C54LJ, C54LK, C54LL, C54LM, C54LN, C54LO, C54LP, C54LQ, C54LR, C54LS, C54LT, C54LU, C54LV, C54LW, C54LX, C54LY, C54LZ, C54MA, C54MB, C54MC, C54MD, C54ME, C54MF, C54MG, C54MH, C54MI, C54MJ, C54MK, C54ML, C54MM, C54MN, C54MO, C54MP, C54MQ, C54MR, C54MS, C54MT, C54MU, C54MV, C54MW, C54MX, C54MY, C54MZ, C54NA, C54NB, C54NC, C54ND, C54NE, C54NF, C54NG, C54NH, C54NI, C54NJ, C54NK, C54NL, C54NM, C54NN, C54NO, C54NP, C54NQ, C54NR, C54NS, C54NT, C54NU, C54NV, C54NW, C54NX, C54NY, C54NZ, C54OA, C54OB, C54OC, C54OD, C54OE, C54OF, C54OG, C54OH, C54OI, C54OJ, C54OK, C54OL, C54OM, C54ON, C54OO, C54OP, C54OQ, C54OR, C54OS, C54OT, C54OU, C54OV, C54OW, C54OX, C54OY, C54OZ, C54PA, C54PB, C54PC, C54PD, C54PE, C54PF, C54PG, C54PH, C54PI, C54PJ, C54PK, C54PL, C54PM, C54PN, C54PO, C54PP, C54PQ, C54PR, C54PS, C54PT, C54PU, C54PV, C54PW, C54PX, C54PY, C54PZ, C54QA, C54QB, C54QC, C54QD, C54QE, C54QF, C54QG, C54QH, C54QI, C54QJ, C54QK, C54QL, C54QM, C54QN, C54QO, C54QP, C54QQ, C54QR, C54QS, C54QT, C54QU, C54QV, C54QW, C54QX, C54QY, C54QZ, C54RA, C54RB, C54RC, C54RD, C54RE, C54RF, C54RG, C54RH, C54RI, C54RJ, C54RK, C54RL, C54RM, C54RN, C54RO, C54RP, C54RQ, C54RR, C54RS, C54RT, C54RU, C54RV, C54RW, C54RX, C54RY, C54RZ, C54SA, C54SB, C54SC, C54SD, C54SE, C54SF, C54SG, C54SH, C54SI, C54SJ, C54SK, C54SL, C54SM, C54SN, C54SO, C54SP, C54SQ, C54SR, C54SS, C54ST, C54SU, C54SV, C54SW, C54SX, C54SY, C54SZ, C54TA, C54TB, C54TC, C54TD, C54TE, C54TF, C54TG, C54TH, C54TI, C54TJ, C54TK, C54TL, C54TM, C54TN, C54TO, C54TP, C54TQ, C54TR, C54TS, C54TT, C54TU, C54TV, C54TW, C54TX, C54TY, C54TZ, C54UA, C54UB, C54UC, C54UD, C54UE, C54UF, C54UG, C54UH, C54UI, C54UJ, C54UK, C54UL, C54UM, C54UN, C54UO, C54UP, C54UQ, C54UR, C54US, C54UT, C54UU, C54UV, C54UW, C54UX, C54UY, C54UZ, C54VA, C54VB, C54VC, C54VD, C54VE, C54VF, C54VG, C54VH, C54VI, C54VJ, C54VK, C54VL, C54VM, C54VN, C54VO, C54VP, C54VQ, C54VR, C54VS, C54VT, C54VU, C54VV, C54VW, C54VX, C54VY, C54VZ, C54WA, C54WB, C54WC, C54WD, C54WE, C54WF, C54WG, C54WH, C54WI, C54WJ, C54WK, C54WL, C54WM, C54WN, C54WO, C54WP, C54WQ, C54WR, C54WS, C54WT, C54WU, C54WV, C54WW, C54WX, C54WY, C54WZ, C54XA, C54XB, C54XC, C54XD, C54XE, C54XF, C54XG, C54XH, C54XI, C54XJ, C54XK, C54XL, C54XM, C54XN, C54XO, C54XP, C54XQ, C54XR, C54XS, C54XT, C54XU, C54XV, C54XW, C54XX, C54XY, C54XZ, C54YA, C54YB, C54YC, C54YD, C54YE, C54YF, C54YG, C54YH, C54YI, C54YJ, C54YK, C54YL, C54YM, C54YN, C54YO, C54YP, C54YQ, C54YR, C54YS, C54YT, C54YU, C54YV, C54YW, C54YX, C54YY, C54YZ, C54ZA, C54ZB, C54ZC, C54ZD, C54ZE, C54ZF, C54ZG, C54ZH, C54ZI, C54ZJ, C54ZK, C54ZL, C54ZM, C54ZN, C54ZO, C54ZP, C54ZQ, C54ZR, C54ZS, C54ZT, C54ZU, C54ZV, C54ZW, C54ZX, C54ZY, C54ZZ, C54AAA, C54AAB, C54AAC, C54AAD, C54AAE, C54AAF, C54AAG, C54AAH, C54AAI, C54AAJ, C54AAK, C54AAL, C54AAM, C54AAN, C54AAO, C54AAP, C54AAQ, C54AAR, C54AAS, C54AAT, C54AAU, C54AAV, C54AAW, C54AAX, C54AAZ, C54ABA, C54ABB, C54ABC, C54ABD, C54ABE, C54ABF, C54ABG, C54ABH, C54ABI, C54ABJ, C54ABK, C54ABL, C54ABM, C54ABN, C54ABO, C54ABP, C54ABQ, C54ABR, C54ABS, C54ABT, C54ABU, C54ABV, C54ABW, C54ABX, C54ABY, C54ABZ, C54ABA, C54ABB, C54ABC, C54ABD, C54ABE, C54ABF, C54ABG, C54ABH, C54ABI, C54ABJ, C54ABK, C54ABL, C54ABM, C54ABN, C54ABO, C54ABP, C54ABQ, C54ABR, C54ABS, C54ABT, C54ABU, C54ABV, C54ABW, C54ABX, C54ABY, C54ABZ, C54ACA

ITEM No.	RATING			
	PRI.	SEC. 1	SEC. 2	SEC. 3
TI	117VAC @ 2.72A	800VCT .300ADC	5VAC @ 6A	6.3VAC @ .58A SEC. 4 6.3VAC @ 10A

TRANSPOR

ITEM No.	RATING		Transvision PART No.
	DC RESISTANCE		
	PRI.	SEC.	
T2	1.7Ω	3.5Ω	307
T3	140Ω	1400Ω	306
T4	550Ω tap ② 100Ω	16Ω tap ① 1Ω 11Ω	1279
		SEC. 2	
		0Ω	
T5	560Ω	8Ω	305 ①
T6A	12Ω		1263
B	52Ω		
T7	400Ω		309

- ① Connected as Auto Trans.
- ② Use original deflection coil network
- ③ Reverse back plate

TRANSFORM

ITEM No.	RATING				TRANSFORMER PART No.
	IMPEDANCE		DC RES.		
	PRI.	SEC.	PRI.	SEC.	
T8	2.8K Ω	3-4 Ω	200 Ω	.55 Ω	

ITEM No.	RATINGS		
	TOTAL DIRECT CURRENT	D. C. RESISTANCE	INDUCTANCE (0 CURRENT 1000 Hz)
L1	.300A	104Ω	5 H.

ITEM No.	USE	DC RES.	
		PRI.	SEC.
L2	Ant. Coils	0Ω	
L3	Fl. Choke	0Ω	
L4	Neutralizing Coil	0Ω	
L5	RF, Mixer Grid & Osc. Coils	0Ω	
L6	Fl. Choke	0Ω	
L7	1st. Video IF	1Ω	
L8	2nd. Video IF	.2Ω	
L9	3rd. Video IF & Sound Take-off	.2Ω	
L10	4th. Video IF	.2Ω	.2Ω
L11	5th. Video IF	.2Ω	.2Ω
L12	Shunt Peaking Coil	5Ω	
L13	Series Peaking Coil	7Ω	
L14	4.5MC Trap	.7Ω	
L15	Series Peaking Coil	6.5Ω	
L16	Shunt Peaking Coil	5Ω	
L17	Sound IF	.2Ω	.1Ω
L18	Ratio Det.	.2Ω	.2Ω CT
L19	Horiz. Phase Coil	35Ω	
L20	Horiz. Lin.	35Ω	

L20	HOFL2. Lin.	35%		
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* Enlarge mounting hole.

SCRIPTIIONS

ONT.)

ERIE PART No.	MALLORY PART No.	SPRAGUE PART No.	NOTES
GP2-333-103	PT611	6TM-S1	
GP2-333-103	PT611	6TM-S1	
GP2-333-502	PT625	6TM-D5	
	PT615	6TM-S5	
GP2-333-502	PT625	6TM-D5	
GP2-333-103	PT611	6TM-S1	
GP2-333-202	PT622	6TM-D2	
GP2-333-502	PT625	6TM-D5	
GP2-333-502	PT625	6TM-D5	
	MCB465	MS-25	
	PT6025	6TM-P25	
	PT615	6TM-S5	
	PT6025	6TM-P25	
	PT615	6TM-S5	
GP2-333-103	PT611	6TM-S1	
GP2K-501	MC245	1FM-35	
GP2K-501	MC245	1FM-35	
GP2K-501	MC245	1FM-35	
GP2L-102	MC255	1FM-21	
GP2-333-502	PT625	6TM-D5	
	PT6025	6TM-P25	
GP2-333-103	PT611	6TM-S1	
	MCB245	MS-35	
	PT6025	6TM-P25	
GP2K-151	UC-5315	5GA-T15	
GP2-333-103	PT611	6TM-S1	
GP2L-102	MC255	1FM-21	
GP2K-151	UC-5315	5GA-T15	
	PT615	6TM-S5	
	PT615	6TM-S5	
	PT1613	MB-S3	
413-501		20DK-T5	
N750L-680			
GP2L-102	UC-521	5HK-D1	

in one unit.

MALLORY PART No.	INSTALLATION NOTES
U-53	Volume
Not Req.	Attach to R1A
US-26	Attach to R1A
U-41	Brightness
Not Req.	Attach to R2A
US-26	Attach to R2A
U-19	Contrast
Not Req.	Attach to R3A
US-28	Attach to R3A
R25L	Horiz. position-wire wound
Not Req.	Attach to R4A
M2MP	Focus-Wire wound
Not Req.	Attach to R5A
SU-41	Horiz. Hold
Not Req.	Attach to R6A
SU-54	Vert. Hold
Not Req.	Attach to R7A
SU-41	Horiz. Drive
Not Req.	Attach to R8A
SU-14	Horiz. Linearity
Not Req.	Attach to R9A
SU-14	Vert. Linearity
Not Req.	Attach to R10A
SU-56	Height
Not Req.	Attach to R11A

REPLACEMENT DATA	NOTES
Transvision PART No.	IRC PART No.
46	BTS-2200
56	BTS-100K
53	BTA-91K 5%
60	BTS-47K
337	
56	BTS-100K
42	BTS-150
56	BTS-100K
46	BTS-2200
42	BTS-150
54	BTS-56K
62	BTS-3.3Meg
57	BTS-220K
47	BTS-3300
57	BTS-220K
1007	BTA-22K
59	BTS-470K
43	BTS-390
343	1-3/4A-1000
60	BTS-1Meg
66	BTA-100K
59	BTS-470K
45	BTS-1000
1007	BTA-22K
59	BTS-470K
48	BTS-4700
48	BTS-4700
•1259	BTS-22K
	BTS-22K
	BTS-8200
	BTS-8200

RESISTORS (CONT.)

ITEM No.	RATING	REPLACEMENT DATA	NOTES
	OHMS	Transvision PART No.	IRC PART No.
R75	1Meg	60	BTS-1Meg
R76	3.3Meg	82	BTS-3.3Meg
R77	1Meg	60	BTS-1Meg
R78	100KΩ	56	BTS-100K
R79	4700Ω	48	BTS-4700
R80	1Meg	60	BTS-1Meg
R81	470Ω	641	BTA-470
R82	100KΩ	56	BTS-100K
R83	100KΩ	56	BTS-100K
R84	4700Ω	48	BTS-4700
R85	470KΩ	59	BTS-470K
R86	47KΩ	1004	BTB-47K
R87	4700Ω	48	BTS-4700
R88	10KΩ	50	BTS-10K
R89	56KΩ	54	BTS-56K

* Items R74A, R74B, R74C, R74D, C54A, C54B, C54C, C54D are combined in one unit.

TRANSFORMER (POWER)

ITEM No.	RATING				REPLACEMENT DATA				
	PRI.	SEC. 1	SEC. 2	SEC. 3	Transvision PART No.	STANCOR PART No.	MERIT PART No.	CHICAGO PART No.	TRIAD PART No.
TI	117VAC @ 2.72A	800VCT .300ADC	5VAC @ 6A	6.3VAC @ .58A SEC. 4 6.3VAC @ 10A					R-40A

TRANSFORMER (SWEEP CIRCUITS)

ITEM No.	RATING		REPLACEMENT DATA					NOTES
	DC RESISTANCE		Transvision PART No.	STANCOR PART No.	MERIT PART No.	CHICAGO PART No.	TRIAD PART No.	
	PRI.	SEC.						
T2	1.7Ω	3.5Ω	307	A-8120	A-4002	TBO-3	A-98X	Horiz. Osc. Trans. Vert. Osc. Trans. Horiz. Output Trans.
T3	140Ω	1400Ω	306	A-8121	A-3000			
T4	550Ω tap ④ 100Ω	16Ω tap ④ 10, 11Ω	1279		HVO-10 ③			
		SEC. 2 0Ω						
T5	560Ω	8Ω	305 ①	A-8123	A-3037	TSO-11	A-102X	Vert. Output Trans. Horiz. Deflection Coils Vert. Deflection Coils Focus Coil
T6A	12Ω		1263	DY-8 ②	MDF-70 ②	TY-2 ②	Y-12 ②	
T7	52Ω							
B	400Ω		309	FC-12	MF-3		B-365-S	

① Connected as Auto Trans.
② Use original deflection coil network
③ Reverse back plate

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	RATING				REPLACEMENT DATA					NOTES
	IMPEDANCE		DC RES.		Transvision PART No.	STANCOR PART No.	MERIT PART No.	CHICAGO PART No.	TRIAD PART No.	
	PRI.	SEC.	PRI.	SEC.						
T8	2.8KΩ	3-4Ω	200Ω	.55Ω		A-3825 ①	A-3018 ①	RO-302	S-IX	① Drill one new mounting hole.

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA				
	TOTAL DIRECT CURRENT	D. C. RESISTANCE	INDUCTANCE (0 CURRENT 1000 ~)	Transvision PART No.	STANCOR PART No.	MERIT PART No.	CHICAGO PART No.	TRIAD PART No.
L1	.300A	104Ω	5 Hy.					

COILS (RF-IF)

ITEM No.	USE	DC RES.	REPLACEMENT DATA	NOTES
		PRI. SEC.	Transvision PART No.	MERIT PART No.
L2	Ant. Coils	0Ω		
L3	Fil. Choke	0Ω		
L4	Neutralizing Coil	0Ω		
L5	RF, Mixer Grid & Osc. Coils	0Ω		
L6	Fil. Choke	0Ω		
L7	1st. Video IF	1Ω		
L8	2nd. Video IF	.2Ω	603	TV-112*
L9	3rd. Video IF & Sound Take- off	.2Ω	175 174	
L10	4th. Video IF	.2Ω .2Ω		
L11	5th. Video IF	.2Ω .2Ω	176	
L12	Shunt Peak- ing Coil	5Ω	16	TV-185
L13	Series Peak- ing Coil	7Ω		
L14	4.5MC Trap	.7Ω	1155	TV-151
L15	Series Peak- ing Coil	6.5Ω	17	TV-182
L16	Shunt Peak- ing Coil	5Ω	16	TV-185
L17	Sound IF	.2Ω .1Ω	318	
L18	Ratio Det.	.2Ω .2ΩCT	317	
L19	Horiz. Phase Coil	35Ω	377	MWC-1 *
L20	Horiz. Lin.	35Ω	377	MWC-1 *

* Enlarge mounting hole.

PARTS LIST CONTINUED ON PAGE 15

TRANSVISION
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PARTS LIST AND DESCRIPTIONS (Continued)

FUSES

ITEM No.	TYPE	RATING	REPLACEMENT DATA					
			Transvision PART No.		LITTELFUSE PART No.		BUSS PART No.	
			FUSE	HOLDER	FUSE	HOLDER	FUSE	HOLDER
M1	3AG	5A 250V			312005	341001	MTH-5	HKP
M2	3AG P/T	1/4A. 250V.			318.250		GJV-1/4	

MISCELLANEOUS

ITEM No.	PART NAME	Transvision PART No.	NOTES
M3	RF Tuner		
M4	Ion Trap		

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