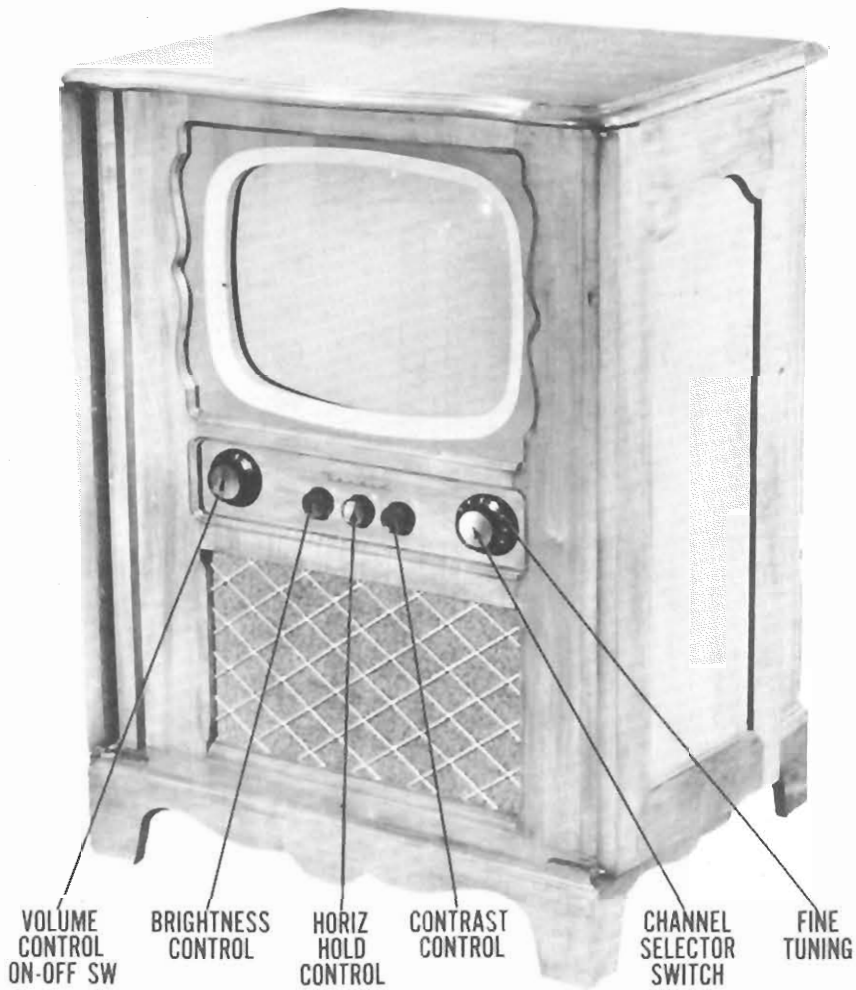


RESISTOR AND INDUCTOR IDENTIFICATION



BENDIX
MODELS C172, C200

BENDIX MODEL C172	
TRADE NAME	Bendix, Models C172, C200
MANUFACTURER	Bendix Radio, Div. Of Bendix Aviation Corp., Baltimore, Md.
TYPE SET	Television Receiver
TUBES	Twenty Two
POWER SUPPLY	110-120 Volts AC - 60 Cycle
TUNING RANGE	Channel 2 thru 13
	RATING 2 Amp. @ 117 Volts AC
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HOWARD W. SAMS & CO., INC. • Indianapolis 1, Indiana

"The listing of any available replacement part herein does not constitute in any way 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."

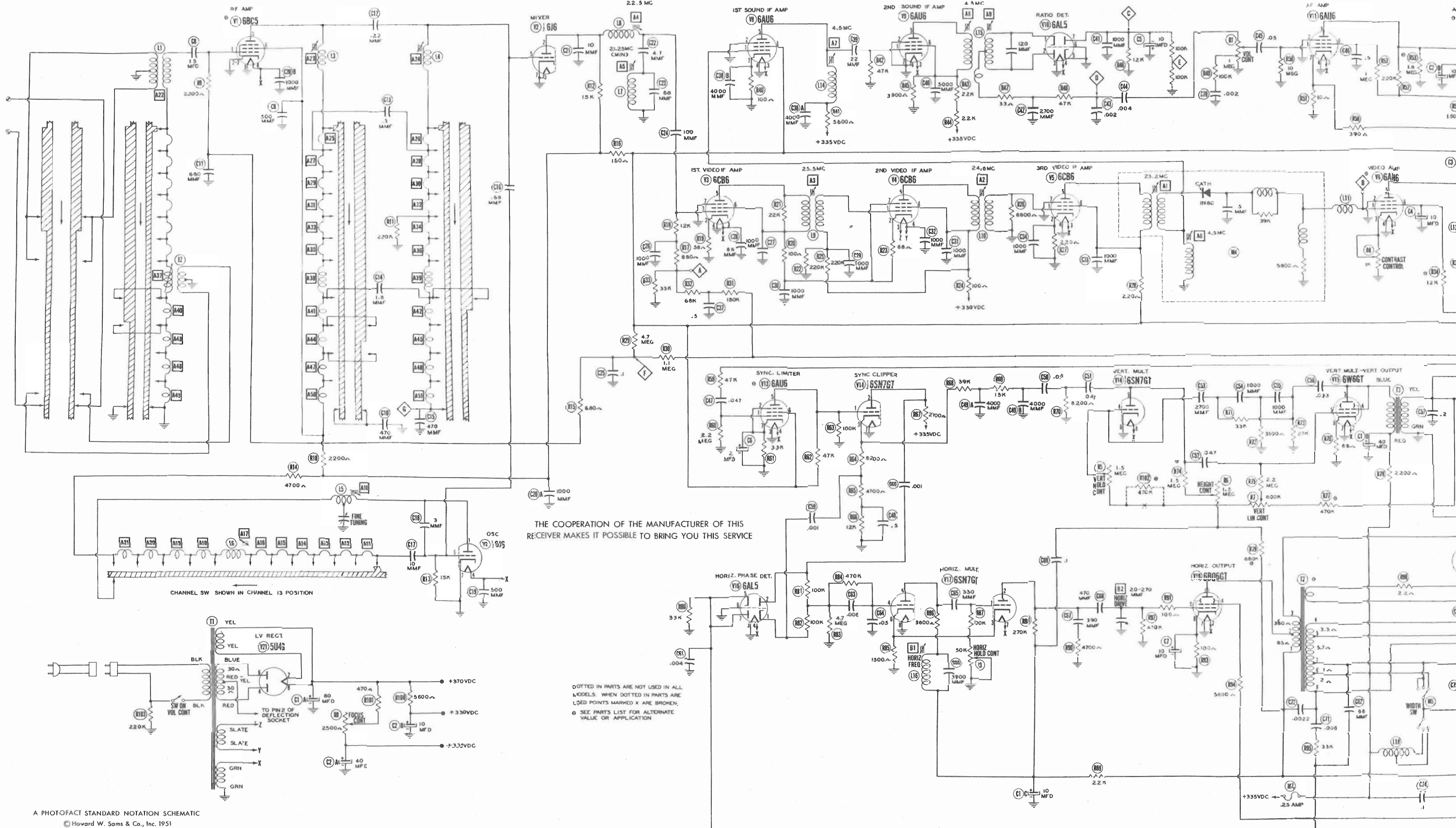
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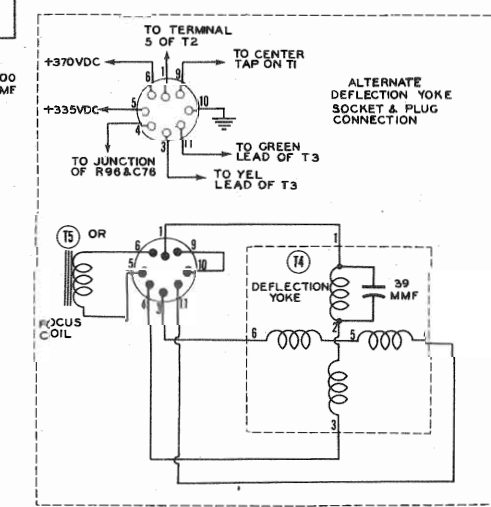
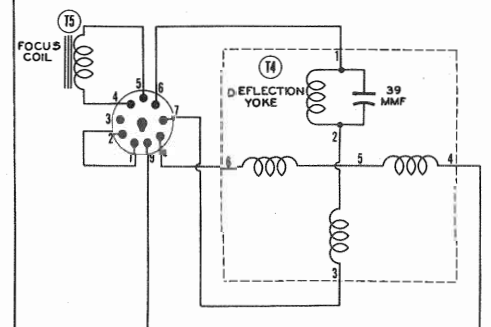
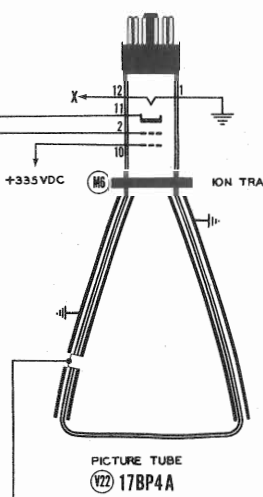
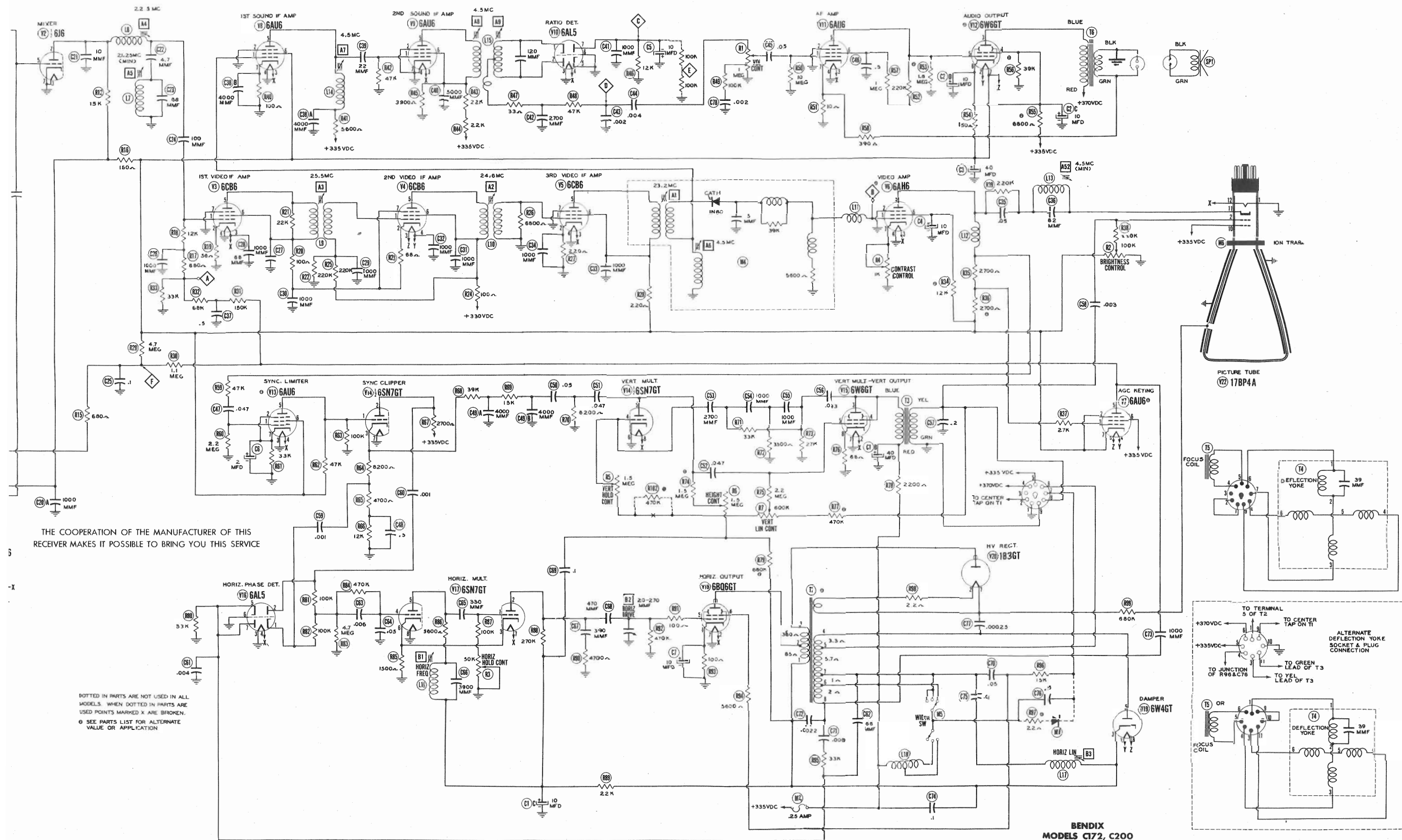


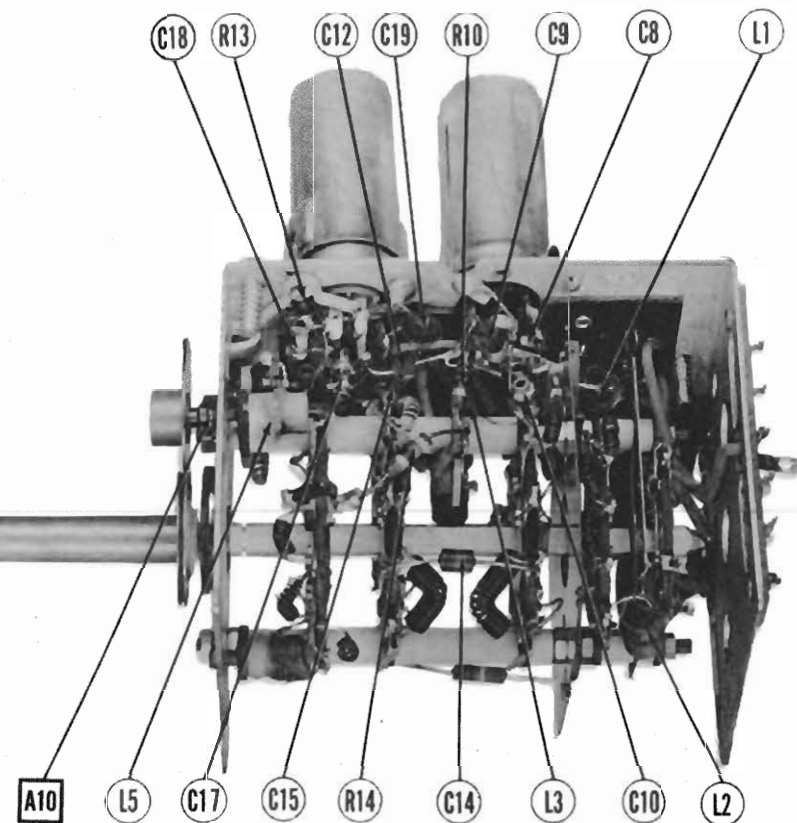
POWER SUPPLY 110-
TUNING RANGE— Chan

HC

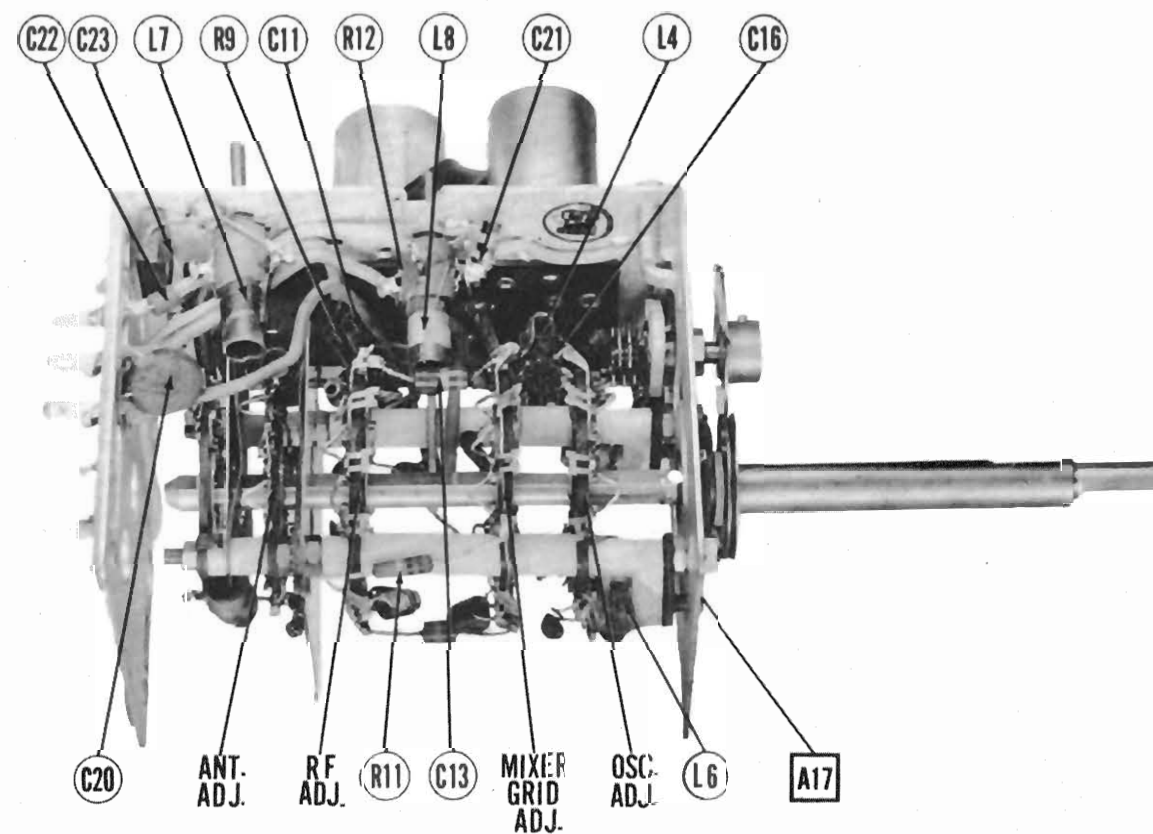
CHASSIS BOTTOM VIEW-RESISTOR AND INDUCTOR IDENTIFICATION



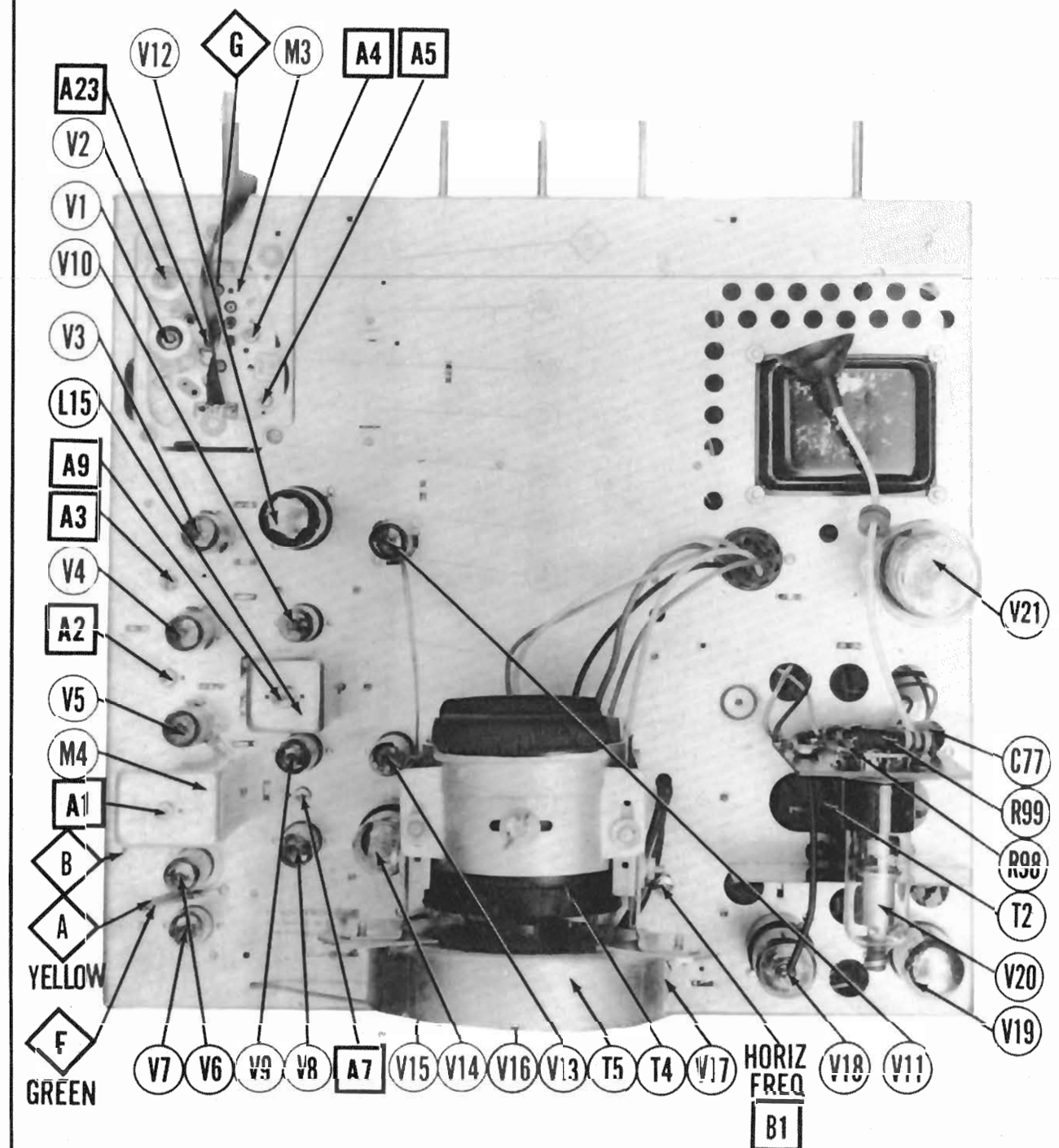




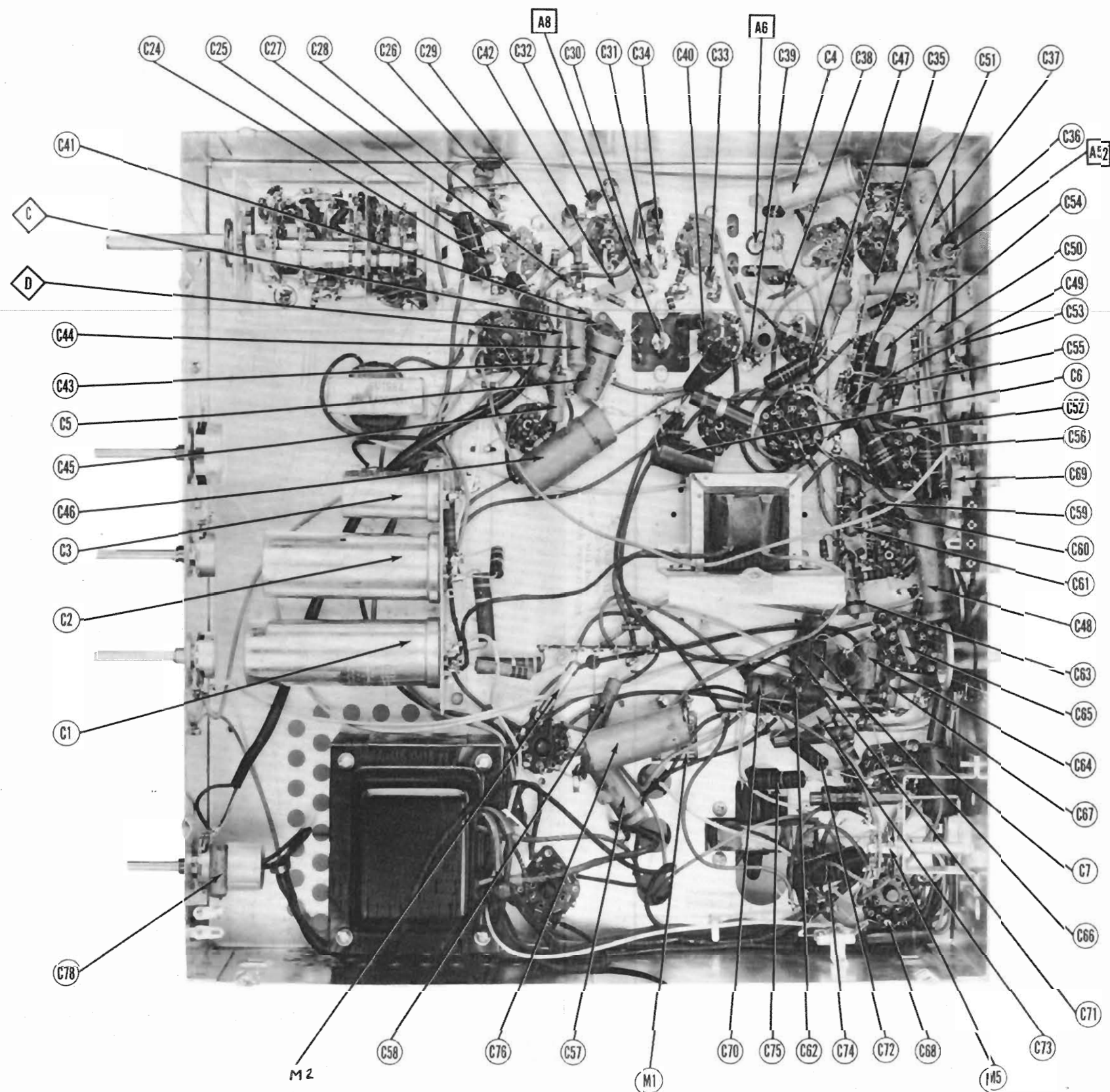
RF TUNER-RIGHT SIDE



RF TUNER-LEFT SIDE



CHASSIS TOP VIEW



CHASSIS BOTTOM VIEW-CAPACITOR AND ALIGNMENT IDENTIFICATION

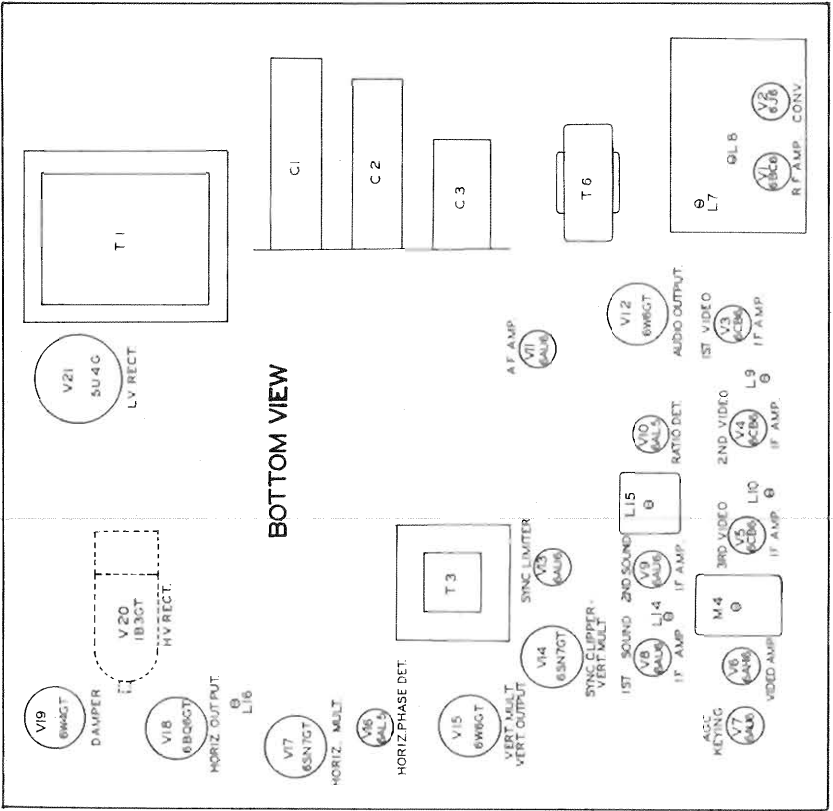
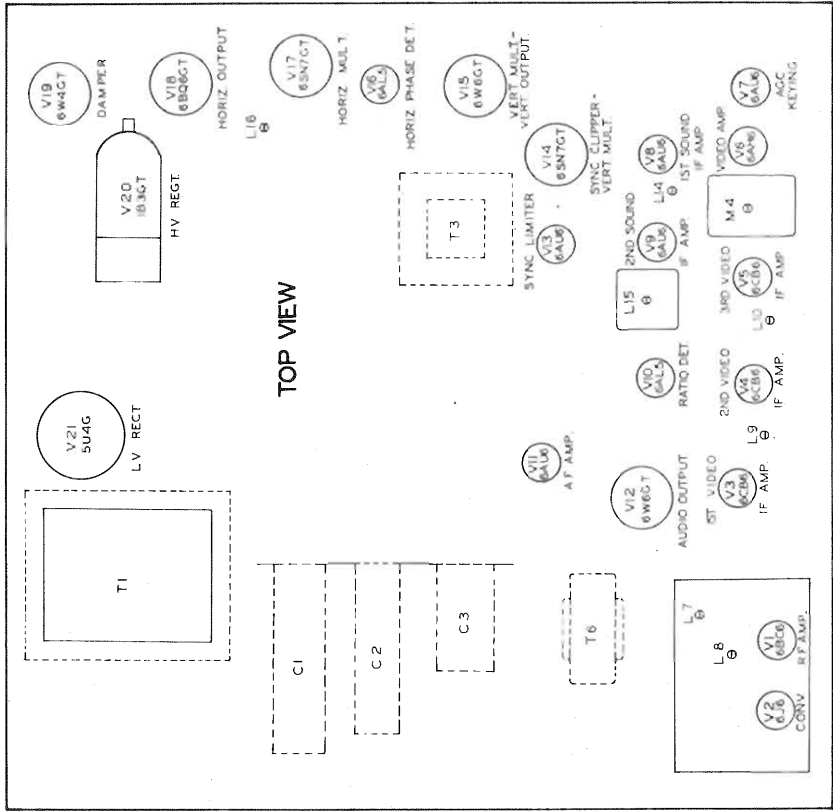
VOLTAGE AND RESISTANCE MEASUREMENTS

VOLTAGE READINGS											RESISTANCE READINGS										
Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9	Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V 1	6BC5	-5VDC	0V	0V	6.3VAC	100VDC	100VDC	0V			V 1	6BC5	1.2Meg	0Ω	0Ω	.1Ω	2.3KΩ	2.3KΩ	0Ω		
V 2	6J6	75VDC	90VDC	0V	6.3VAC	-6VDC	1-4.5VDC	0V			V 2	6J6	4.8KΩ	15KΩ	0Ω	.1Ω	225KΩ	13KΩ	0Ω		
V 3	6CB6	-2VDC	-4VDC	6.3VAC	0V	160VDC	160VDC	0V			V 3	6CB6	45KΩ	56Ω	.1Ω	0Ω	Inf.	Inf.	0Ω		
V 4	6CB6	150VDC	165VDC	0V	6.3VAC	320VDC	320VDC	160VDC			V 4	6CB6	130KΩ	Inf.	0Ω	1.1Ω	15.7KΩ	15.7KΩ	Inf.		
V 5	6CB6	0V	2.4VDC	6.3VAC	0V	140VDC	140VDC	0V			V 5	6CB6	.2Ω	220Ω	.1Ω	0Ω	220Ω	220Ω	0Ω		
V 6	6AH6	-2VDC	0V	6.3VAC	0V	130VDC	135VDC	2.8VDC			V 6	6AH6	5.6KΩ	0Ω	.1Ω	0Ω	5.4KΩ	1.2KΩ	1.2KΩ		
V 7	6AU6	-5.2VDC	0V	0V	6.3VAC	-160VDC	110VDC	0V			V 7	6AU6	30KΩ	0Ω	0Ω	1.1Ω	250KΩ	1220Ω	0Ω		
V 8	6AU6	0V	0V	6.3VAC	0V	300VDC	145VDC	1VDC			V 8	6AU6	.3Ω	0Ω	.1Ω	0Ω	15.8KΩ	100Ω	100Ω		
V 9	6AU6	-1.2VDC	0V	6.3VAC	0V	25VDC	25VDC	0V			V 9	6AU6	47KΩ	0Ω	.1Ω	0Ω	120KΩ	120KΩ	0Ω		
V 10	6AL5	-4VDC	-4VDC	0V	6.3VAC	0V	0V	-1.4VDC			V 10	6AL5	Inf.	Inf.	0Ω	.1Ω	0Ω	12KΩ	12KΩ		
V 11	6AU6	-8VDC	0V	6.3VAC	0V	135VDC	35VDC	0V			V 11	6AU6	10Meg	0Ω	.1Ω	0Ω	1230KΩ	11Meg	10Ω		
V 12	6W6GT	0V	6.3VAC	205VDC	125VDC	4.3VDC	0V	0V			V 12	6W6GT	.5Ω	0Ω	.1Ω	17KΩ	1230KΩ	Inf.	0Ω	150Ω	
V 13	6AU6	-1VDC	5VDC	0V	6.3VAC	95VDC	145VDC	5VDC			V 13	6AU6	2.2Meg	33KΩ	0Ω	.1Ω	30KΩ	0Ω	33KΩ		
V 14	6SN7GT	95VDC	320VDC	105VDC	320VDC	51VDC	0V	0V			V 14	6SN7GT	30KΩ	17KΩ	25Ω	1Meg	2.2Meg	0Ω	.1Ω		
V 15	6W6GT	-2VDC	6.3VAC	200VDC	300VDC	-3.8VDC	55VDC	0V			V 15	6W6GT	27KΩ	.1Ω	13.3KΩ	73.3KΩ	3.3Meg	12KΩ	0Ω	0Ω	
V 16	6AL5	5VDC	-5VDC	0V	6.3VAC	0V	0V	0V			V 16	6AL5	4.8Meg	4.8Meg	0Ω	.1Ω	33KΩ	0Ω	33KΩ		
V 17	6SN7GT	-8.2VDC	140VDC	14VDC	2VDC	320VDC	14VDC	6.3VAC			V 17	6SN7GT	150KΩ	290KΩ	1.5KΩ	5.2Meg	28KΩ	1.3KΩ	.1Ω	0Ω	TOP CAP #850
V 18	6BQ6GT	12VDC	6.3VAC	0V	155VDC	-1VDC	-1VDC	0V			V 18	6BQ6GT	100Ω	.1Ω	Inf.	12KΩ	470KΩ	470KΩ	100Ω	100Ω	
V 19	6W4GT	390VDC	145VDC	570VDC	0V	355VDC	0V	6.3VAC			V 19	6W4GT	422KΩ	430KΩ	500KΩ	Inf.	1225Ω	Inf.	1.1Ω	0Ω	TOP CAP #4650
V 20	1B3GT	* DO NOT MEASURE									V 20	1B3GT	Inf.	Inf.	Inf.	Inf.	Inf.	Inf.	Inf.	Inf.	
V 21	5U4G	0V	370VDC	0V	360VAC	0V	370VDC	0V			V 21	5U4G	Inf.	20KΩ	Inf.	30Ω	Inf.	30Ω	Inf.	20KΩ	
V 22	17BP4A	0V	0V	335VDC	125VDC	6.3VAC					V 22	17BP4A	0Ω	330KΩ	1220Ω	4.225KΩ	.1Ω				

ALL MEASUREMENTS TAKEN WITH PICTURE TUBE REMOVED
FOCUS CONTROL COUNTER CLOCKWISE
S TAKEN WITH VACUUM TUBE VOLTMETER
* MEASURED FROM JUNCTION OF R54 AND C3
* DO NOT MEASURE

1. DC Voltage measurements are at 20,000 ohms per volt; AC Voltage measured at 1,000 ohms.
2. Pin numbers are counted in a clockwise direction on bottom of socket.
3. Measured values are from socket pin to common negative unless otherwise stated.
4. Line voltage maintained at 117 volts for voltage readings.
5. Front panels controls set at minimum.
6. Where readings may vary according to the setting of the service controls, both minimum and maximum readings are given.

BENDIX
MODELS C172, C200
TUBE PLACEMENT CHART



ALIGNMENT INSTRUCTIONS

ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT

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

Remove the AGC tube, (V7), during alignment.

VIDEO IF ALIGNMENT

Remove the converter tube, (V2), and replace it with a 6J6 which has Pin 1 removed, this will disable the local oscillator and prevent the possibility of erroneous indications.

Connect the negative lead of a 3 volt battery to Point A.

Connect the positive lead to chassis.

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	CHANNEL	CONNECT VTVM	ADJUST	REMARKS
1. Direct	High side to an ungrounded tube shield floating over dummy converter tube (V2). Low side to chassis.	23.2MC (Unmod.)	Any	DC probe to Point Φ . Common to chassis.	A1	Adjust for maximum deflection. Attenuate signal generator to maintain 2 volt reading.
2. "	"	24.6MC	"	"	A2	"
3. "	"	25.5MC	"	"	A3	"
4. "	"	22.5MC	"	"	A4	"
5. "	"	21.25MC	"	"	A5	Adjust for MINIMUM deflection.

OVERALL VIDEO IF RESPONSE CHECK

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

DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
6. Direct	High side to an ungrounded tube shield floating over dummy converter tube (V2). Low side to chassis.	24MC (10MC SWP)	21.25MC 22.25MC 25.75MC	Any	Vert. amp. to Point Φ . Low side to chassis.		Check for response curve similar to figure 1. If necessary retouch A1 thru A4 for proper response.

SOUND IF ALIGNMENT USING AM SIGNAL GENERATOR AND VTVM

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

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	CHANNEL	CONNECT VTVM	ADJUST	REMARKS
7. .005MFD	High side to Point Φ . Low side to chassis.	4.5MC (Unmod.)	Any	DC probe to Point Φ . Common to chassis.	A6, A7, A8	Adjust for maximum deflection.
8. "	"	"	"	DC probe to Point Φ . Common to Point Φ .	A9	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 80% modulation and 450KC sweep. Use 120% sawtooth voltage in scope for horizontal deflection.

DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
7. .005MFD	High side to Point Φ . Low side to chassis.	4.5MC (450KC SWP)	4.5MC	Any	Vert. amp. to Point Φ . Low side to chassis.	A6, A7, A8	Disconnect stabilizer capacitor C5. Adjust for maximum amplitude and symmetry as per figure 2.
8. "	"	"	"	"	Vert. amp. to Point Φ . Low side to chassis.	A9	Reconnect capacitor C5. Adjust A9 so 4.5MC occurs at center of crossover lines as per figure 3. SLIGHTLY retouch A8 for maximum amplitude and straightness of crossover lines.

OSCILLATOR ALIGNMENT

Remove the dummy converter tube and replace the original 6J6 in its socket.

The sweep generator output lead should be terminated with its characteristic impedance, usually 50 ohms.

Set the fine tuning control to the mid-position of its range.

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
9. Two 120 Ω carbon resistors	Across antenna terminals with 120 Ω in each lead.	213MC (10MC SWP)	211.25MC 215.75MC	13	Vert. amp. thru 10K Ω to Point Φ . Low side to chassis.	A10	Adjust to place the video marker at 50% response as shown in figure 4.
10. "	"	207MC (10MC SWP) 205.25MC 209.75MC 201MC (10MC SWP) 199.25MC 203.75MC 195MC (10MC SWP) 193.25MC 197.75MC 189MC (10MC SWP) 187.25MC 191.75MC 183MC (10MC SWP) 181.25MC 185.75MC 177MC (10MC SWP) 175.25MC 179.75MC 85MC (10MC SWP) 83.25MC 87.75MC 79MC (10MC SWP) 77.25MC 81.75MC 69MC (10MC SWP) 67.25MC 71.75MC 63MC (10MC SWP) 61.25MC 65.75MC 57MC (10MC SWP) 55.25MC 59.75MC	205.25MC 209.75MC 201MC 199.25MC 203.75MC 195MC 193.25MC 197.75MC 187.25MC 191.75MC 181.25MC 185.75MC 175.25MC 179.75MC 83.25MC 87.75MC 77.25MC 81.75MC 67.25MC 71.75MC 61.25MC 65.75MC 55.25MC 59.75MC	12 11 10 9 8 7 6 5 4 3 2		A11 A12 A13 A14 A15 A16 A17 A18 A19 A20 A21	Check to see if the video marker can be properly placed with 1/8 rotation of the fine tuning control. If not expand or compress the approximate coil to place the video marker at 50% response. (Except channel 6 coil which has a slug).

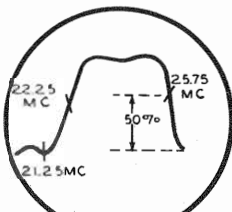


FIG. 1

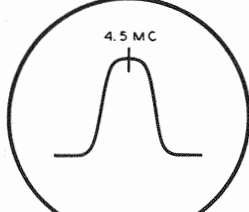


FIG. 2

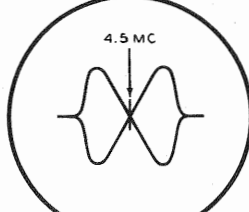


FIG. 3

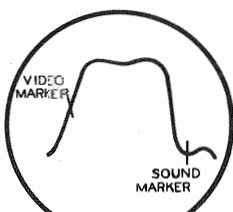


FIG. 4

ALIGNMENT INSTRUCTIONS (CONT.)

RF ALIGNMENT

The RF portion of this tuner is normally very stable. Alignment of this portion should not be attempted unless it is definitely known to be out of alignment.

Connect the negative lead of a 3 volt battery to Point Φ , connect the positive lead to chassis.

The sweep generator output lead should be terminated with its characteristic impedance, usually 50 ohms.

DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
11. Two 120 Ω carbon resistors	Across antenna terminals with 120 Ω in each lead.	213MC (10MC SWP)	211.25MC 215.75MC	13	Vert. amp. thru 10K Ω to Point Φ . Low side to chassis.	A22, A23, A24	Adjust for response curve similar to figure 5 after cover is replaced.
12. " "	" "	207MC (10MC SWP)	205.25MC 209.75MC	12	"	A25, A26	Expand or compress coil turns for response curve similar to figure 5 after cover is replaced.
13. " "	" "	201MC (10MC SWP)	199.25MC 203.75MC	11	"	A27, A28	"
14. " "	" "	195MC (10MC SWP)	193.25MC 197.75MC	10	"	A29, A30	"
15. " "	" "	189MC (10MC SWP)	187.25MC 191.75MC	9	"	A31, A32	"
16. " "	" "	183MC (10MC SWP)	181.25MC 185.75MC	8	"	A33, A34	"
17. " "	" "	177MC (10MC SWP)	175.25MC 179.75MC	7	"	A35, A36	"
18. " "	" "	85MC (10MC SWP)	83.25MC 87.75MC	6	"	A37, A38, A39	"
19. " "	" "	79MC (10MC SWP)	77.25MC 81.75MC	5	"	A40, A41, A42	"
20. " "	" "	69MC (10MC SWP)	67.25MC 71.75MC	4	"	A43, A44, A45	"
21. " "	" "	63MC (10MC SWP)	61.25MC 65.75MC	3	"	A46, A47, A48	"
22. " "	" "	57MC (10MC SWP)	55.25MC 59.75MC	2	"	A49, A50, A51	"

4.5MC TRAP ADJUSTMENT

After alignment is completed and set returned to normal operation, connect an antenna and tune in a strong TV station. If evidence of 4.5MC beat interference is present, adjust the 4.5MC trap, (A52), to eliminate or minimize the interference.



FIG. 5

BENDIX
MODELS C172, C200

PARTS LIST AND DESCRIPTIONS (Continued)

SPEAKER

ITEM No.	RATINGS		REPLACEMENT DATA			NOTES
	FIELD RES.	V. C. IMP.	BENDIX	VIKING	QUAM	
			PART No.	PART No.	PART No.	
SP1	PM	3.7Ω	SP1R03	12J12	12A4A	
SP2	CONE DIA.	V. C. DIA.				
	11 3/4"	1"				

COILS (RF-IF)

ITEM No.	USE	DC RES.		REPLACEMENT DATA		NOTES
		PRI.	SEC.	BENDIX	MEISSNER	
				PART No.	PART No.	
L1	Ant. Coil	.1Ω	.1Ω			High Band - Part of Tuner Part # AR0T06
L2	Ant. Coil	.1Ω	0Ω			Low Band - Part of Tuner Part # AR0T06
L3	RF Coil	0Ω				Part of Tuner Part # AR0T06
L4	Mixer Grid Coil	0Ω				Part of Tuner Part # AR0T06
L5	Osc. Coil	0Ω				High Band - Part of Tuner Part # AR0T06
L6	Osc. Coil	0Ω				Low Band - Part of Tuner Part # AR0T06
L7	Sound Trap	.1Ω				Part of Tuner Part # AR0T06
L8	1st Video IF	.5Ω				Part of Tuner Part # AR0T06
L9	2nd Video IF	.2Ω	.2Ω	T10108		
L10	3rd Video IF	.2Ω	.2Ω	T10107		
L11	Peaking	3Ω		LF0A15		
L12	Peaking	14Ω		LC0V08		
L13	4.5MC Trap	.8Ω		TV0P00		
L14	Sound IF	3.2Ω		L10T17		
L15	Ratio Det.					
	Trans.	6.2Ω	.4Ω	T10D25		
L16	Horiz. Freq.	50Ω		L01T24		Varnished (Waxed Coil 90Ω)
L17	Horiz. Lin.	35Ω		LC0L01		
L18	Width Coil	3.8Ω		LC0W01		Tap at 1.4Ω

SELENIUM RECTIFIER

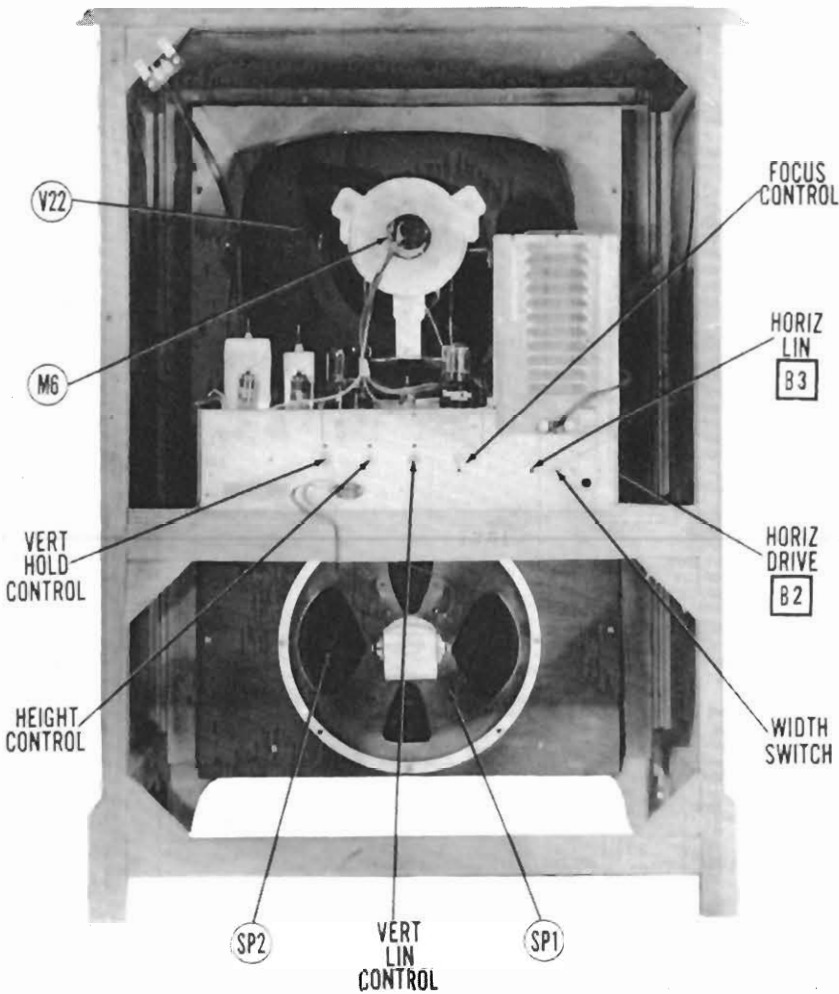
ITEM No.	RATING	REPLACEMENT DATA			NOTES
	CURRENT	BENDIX PART No.	SYLVANIA PART No.	SELETRON PART No.	
M1		QR0502	NB-5	1M1	

FUSES

ITEM No.	TYPE	RATING	REPLACEMENT DATA				REMARKS
			BENDIX PART No.		LITTELFUSE PART No.		
			FUSE	HOLDER	FUSE	HOLDER	
M2	3AG PigTail	.250	FC0M01		318.250		

MISCELLANEOUS

ITEM No.	PART NAME	BENDIX PART No.	NOTES
M3	RF Tuner	AR0T06	
M4	Video Det. Assembly	AT0T00	
	Consists of:		
	4th Video IF Coil		
	4.5MC Trap	LC0V14	Wound on 30KΩ Resistor
	Peaking Col.(Series)		
	Peaking Col. - (Parallel)	LC0V09	
	Crystal		1N60
	Resistor	RC22A562K	5.6KΩ 10%
	Capacitor	CC6B00	5MMF (500V Ceramic)
	Switch	SR3B01	Width
M5	Ion Trap	T10P02	
M6	Trimmer	C11A22	Horizontal Drive (20-270MMF)
B2	Safety Glass	GZ0810	17 Inch Picture Tube
	Safety Glass	GZ0811	20 Inch Picture Tube
	Knob	KB0B09	Channel Selector (Model C-172)
	Knob	KB0B10	Channel Selector (Model C-200)
	Knob	KC0B38	Fine Tuning
	Knob	KC0B37	Contrast, Brightness, Horizontal Hold
	Knob	KC0B39	Volume



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 the mid-position of its range.

Adjust the horizontal frequency slug, (B1), until the picture synchronizes horizontally.

Adjust the horizontal drive trimmer, (B2), counter-clockwise as far as possible without crowding the right half of the picture.

Turn the width switch to the position where the picture fills the mask horizontally.

Adjust the horizontal linearity slug, (B3), until the picture is symmetrical from left to right.

Alternate adjustment of B2 and B3 may be required to obtain proper width with best horizontal linearity.

DISASSEMBLY INSTRUCTIONS

1. Remove six push-on type control knobs.
2. Remove seven wood screws from rear cover. Remove rear cover.
3. Disconnect built-in antenna.
4. Remove antenna terminal strip.
5. Disconnect speaker.
6. Remove seven hex head bolts from chassis. Remove chassis.
7. Remove four hex nuts from speaker. Remove speaker.

NOTE: FOR PICTURE TUBE REMOVAL, IT IS NECESSARY TO REMOVE THE CHASSIS AS OUTLINED ABOVE.

BENDIX
MODELS C172, C200

PARTS LIST AND DESCRIPTIONS

TUBES (SYLVANIA or Equivalent)

ITEM No.	USE	REPLACEMENT DATA		RMA BASE TYPE	NOTES
		BENDIX PART No.	STANDARD REPLACEMENT		
V1A	RF Amplifier	6BC5	6BC5	7BD	
V2	RF Amplifier	6CB6	6CB6	6CK	
V3	RF Amplifier	6AG5	6AG5	7BD	
V4	Converter	6J8	6J8	7BF	
V5	1st Video IF Amp.	6CB6	6CB6	6CK	
V6	2nd Video IF Amp.	6CB6	6CB6	6CK	
V7	3rd Video IF Amp.	6CB6	6CB6	6CK	
V8	Video Amplifier	6AH6	6AH6	7BK	
V9	AGC Keying	6AC7	6AC7	8N	
V10	AGC Keying	6AU6	6AU6	7BK	
V11	1st Sound IF Amp.	6AG5	6AG5	7BD	
V12	2nd Sound IF Amp.	6AU6	6AU6	7BK	
V13	Ratio Detector	6AL5	6AL5	6BT	
V14	AF Amplifier	6AU6	6AU6	7BK	
V15A	Audio Output	6W6GT	6W6GT	7S	
V15B	Audio Output	6V6GT	6V6GT	7AC	
V16	Sync. Limiter	6AU6	6AU6	7BK	
V17	Sync. Clipper	6AG5	6AG5	7BD	
V18	Vert. Mult.	6SN7GT	6SN7GT	8BD	
V19	Vert. Output	6W6GT	6W6GT	7S	
V20	Horiz. Phase Det.	6AL5	6AL5	6BT	
V21	Horiz. Mult.	6SN7GT	6SN7GT	8BD	
V22	Horiz. Output	6BQ6GT	6BQ6GT	6AM	
V23	Damper	6W4GT	6W4GT	4CG	
V24	HV Rectifier	1B3GT	1B3GT	3C	
V25	LV Rectifier	5U4G	5U4G	5T	
V26	Picture Tube	17BP4A	17BP4A	12D	

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				IDENTIFICATION CODES AND INSTALLATION NOTES	
	CAP.	VOLT	BENDIX PART No.	AEROVOX PART No.	CORNELL-DUBIER PART No.	ERIE PART No.	SPRAGUE PART No.	INSTALLATION NOTES
C1A	80	450	CE3A17	AF1682J			TVL-3743	■ Filter
B	40	450						■ Vert. Output Dec.
C	10	450						▲ Decoupling
C2A	40	450	CE4A14	AF18422J			TVL-4840	■ Filter
B	10	450						■ Filter
C	10	450						▲ Decoupling
D	10	200						Output Cathode
C3	40	200	CE1A10	AF8F	UP4025		TVL-1519	Decoupling
C4	10	200		PR250/10	BR1225A		TVA-1504	V. Amp. Screen
C5	10	50	CE1T10	PR250/10	BR105		TVA-1304	Stabilizing Cap
C6	2	50	CE1T10	PR250/10	BR105		TVA-1304	Sync. Sep. Cathode
C7	10	50	CE1T10	PR250/10	BR105		TVA-1304	RF Coupling
C8	15			SD5	1D6-150	GP1K-15	19C22	RF Amp. Dec.
C9	500			SI500	1D6-500	GP2K-500	19C32	RF Amp. Dec.
C10	470			SI470	1D6-471	GP2K-470	19C15	AGC Filter
C11	680			SI680	1D6-681	GP2K-680	19C17	RF Coupling
C12	.22				1TCZ-.5			RF Coupling
C13	.5				1TCZ-.68			RF Coupling
C14	1.8				1TCZ-10			RF Coupling
C15	470			SI470	1D6-471	GP2K-470	19C15	Conv. Grid Filter
C16	.68				1D6-681			Osc. Coupling
C17	10			SI0NPC	1D6-10	NPOK-10	19C3	Osc. Grid Cap
C18	3					N080K-3		Osc. Feedback
C19	500			SI500	1D6-500	GP2K-500	19C32	Conv. Filament
C20A	1000			BPD-2X004	1D6-102	812-2X004	29C7	RF Bypass
B	1000							Filament Bypass
C21	10			SI0NPC	1D6-10	NPOK-10	19C3	Fixed Trimmer
C22	4.7			84.7NPO	1D6-4.7	NPOK-4.7		IF Coupling
C23	.68	500						Fixed Trimmer
C24	100			SI000	1D6-101	5W5T1	19C11	IF Coupling
C25	.1	400		F488-1	1D6-104	PTE4P	47M-P1	AGC Filter
C26	1000		CC9M50	SI1000	1D6-102	GP2L-001	19C1	AGC Filter
C27	1000		CC9M50	SI1000	1D6-102	GP2L-001	19C1	1st V. IF Dec.
C28	68		CC9B32	SI68	1D6-680	5W5Q7	19C10	1st V. IF Fil.
C29	1000		CC9M50	SI1000	1D6-102	1W5D1	19C1	Bias Filter
C30	1000		CC9M50	SI1000	1D6-102	1W5D1	19C1	Decoupling
C31	1000		CC9M50	SI1000	1D6-102	1W5D1	19C1	2nd V. IF Dec.
C32	1000		CC9M50	SI1000	1D6-102	1W5D1	19C1	2nd V. IF Fil.
C33	1000		CC9M50	SI1000	1D6-102	1W5D1	19C1	3rd V. IF Dec.
C34	1000		CC9M50	SI1000	1D6-102	1W5D1	19C1	3rd V. IF Cathode
C35	.05	200	CP2A40	P288-05	DF-503	PTE4S5	27M-55	Video Coupling
C36	.82							Fixed Trimmer
C37	.5	100	CP1T90	P288-5	GTP25	N330K-82	27M-P5	AGC Filter
C38A	4000		CC2T01	BPD-2X004	1D6-502	1W5D4	822-2X004	1st S. IF Plate Ecd.
B	4000							1st S. IF Cathode
C39	32		CC6A26	SI22	D6-220	5W5Q25	GP1K-22	19C23
C40	3200		CC6M50	BPD-005	D6-502	SI0505	811-005	29C1
C41	1000		CC9M50	SI0000	D6-102	1W5D1	GP2L-001	19C1
C42	2700		CP0M33	SI2700	D6-272	1W5D25	GP2M-0027	1FM-225
C43	.002	600	CP6T12	P688-002	D6-202	PTE6D2	GP2M-002	67M-D2
C44	.004	60	CP6T16	P688-004	D6-402	PTE6D4	GP2M-004	67M-D4
C45	.05	20	CP2A40	P288-05	DF-503	PTE4S5		27M-55
C46	.5	40	CP4T57	484-5		GT4P5		47M-P5
C47	.047	20	CP1T39	P288-047	DF-503	PTE4S5		27M-847
C48	.5	10	CP1T60	P288-5		GTP25		27M-P5
C49	4000		CC2T01	BPD-2X004	1D6-502	1D5D4	822-2X004	36C2
B	4000							Integrator Net
C50	.16	20	CP2T40	P288-05	DF-503	PTE4S5		27M-55
C51	.047	60	CP9T39	P688-047	DF-503	PTE6S5		67M-547
C52	.047	60	CP9T39	P688-047	DF-503	PTE6S5		67M-547
C53	27'00	500	CM24A272K	SI2700	D6-272	1W5D25	GP2M-0027	1FM-225
C54	100	500	CM24A102K	1467-001	D6-102	1W5D1	GP2L-001	1FM-21
C55	100	500	CM24A102K	1467-001	D6-102	1W5D1	GP2L-001	1FM-21
C56	.033	600	CP9T37	P688-033		PTE6S3		67M-S3