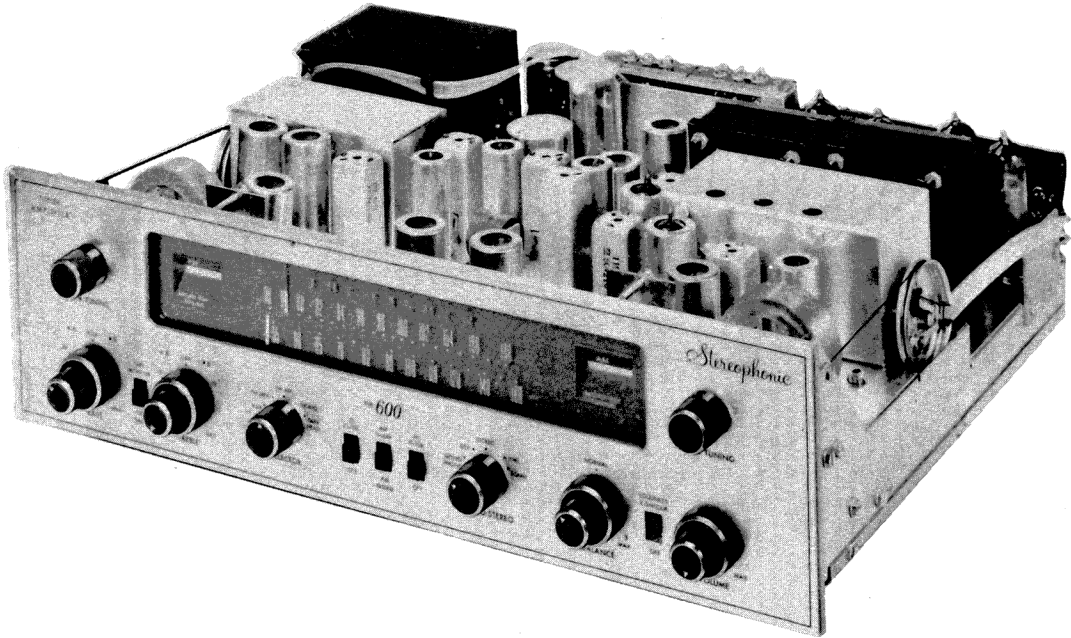


PHOTOFACT® Folder



FISHER MODEL
TA-600

FISHER MODEL
TA-600

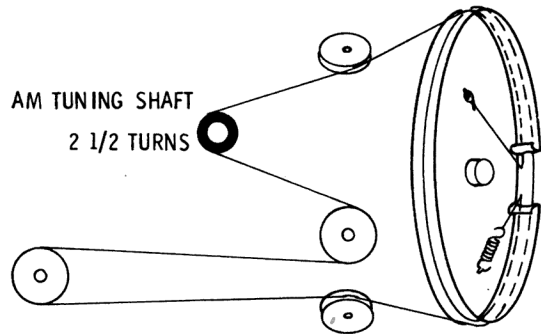
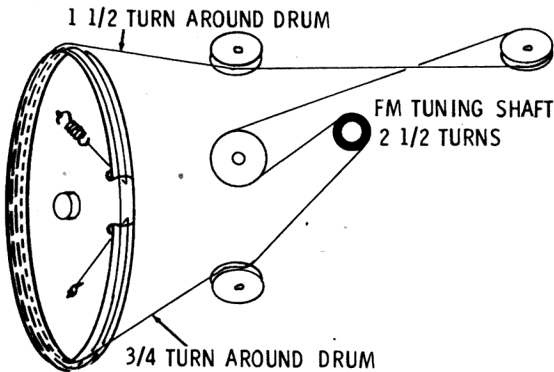


FISHER MODEL
TA-600

TRADE NAME	Fisher Model TA-600		
MANUFACTURER	Fisher Radio Corp., 21-21 44th Drive, Long Island City 1, N. Y.		
TYPE SET	AC Operated 22 Tube FM-AM Receiver With Stereo Output		
POWER SUPPLY	105-120 Volts AC, 50-60 Cycles	RATING	165 Watts, 1.4 Amp. @117 Volts AC
TUNING RANGE—BROADCAST	550-1600KC	FREQ. MOD.	88-108MC

DIAL CORD STRINGING

BOTH TUNING GANGS FULLY CLOSED



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 JK620

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ALIGNMENT INSTRUCTIONS

ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT

Volume control should be at maximum position. Output of signal generator should be no higher than necessary to obtain an output reading.

Suggested alignment tools:

A1 thru A4, A6, A10 thru A14.....	GENERAL CEMENT #5097, 8727 WALSCO #2515
A5, A15, thru A19.....	GENERAL CEMENT #8606, 8606L, 8282, 9295 WALSCO #2526, 2543, 2544, 2545
A7, A8, A9.....	GENERAL CEMENT #5004, 5008, 5009 WALSCO #2520
A20, A21, A22.....	GENERAL CEMENT #8271, 8273, 8275, 8276, 8721, 8722, 9150, 9298, 5003 WALSCO #2516, 2519

AM ALIGNMENT — SELECTOR IN AM POSITION

AM Bandwidth set to SHARP.

Short point \triangle to chassis. Remove short when AM alignment is completed.

1.	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	CONNECT VTVM	ADJUST	REMARKS
	High side thru .01mfd to pin 2 (grid) of AM Mixer. Low side to chassis.	455KC (400% Mod.)	(AM) Point of non-interference	AC probe to channel "A" RCRDR output. Low side to chassis.	A1, A2, A3, A4	Adjust for maximum deflection.
2.	"	455KC (30KC Swp)	"	Use Scope. Vert. amp. to channel "A" RCRDR output. Low side to chassis.		Switch bandwidth to broad. Retouch A3 SLIGHTLY for symmetrical response. Switch bandwidth back to sharp.
3.	High side thru 220mmf to AM antenna terminal #3. (Disconnect link between terminals 1 and 2.)	600KC (400% Mod.)	600KC	AC probe to channel "A" RCRDR output. Common to chassis.	A5, A6	Adjust for maximum deflection.
4.	"	1400KC	1400KC	"	A7, A8, A9	Adjust for maximum deflection. Repeat Steps 3 and 4.

FM IF ALIGNMENT USING AM SIGNAL GENERATOR AND VTVM—SELECTOR IN FM POSITION

Connect two matched 100K (+1%) resistors in series from point \triangle to chassis. The junction of these two resistors is alignment point \diamond as shown on the schematic.

5.	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	CONNECT VTVM	ADJUST	REMARKS
	High side to ungrounded tube shield floating over FM Mixer-Osc. Low side to chassis.	10.7MC (Unmod.)	(FM) Point of non-interference.	DC probe to point \triangle . Common to chassis.	A10, A11, A12, A13, A14, A15	Adjust for maximum deflection.
6.	"	"	"	DC probe to point \diamond . Common to point \triangle .	A16	Adjust for zero reading. A positive and negative reading will be obtained on either side of the correct setting.

FM IF ALIGNMENT USING FM SIGNAL GENERATOR AND OSCILLOSCOPE—SELECTOR IN FM POSITION

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

5.	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	CONNECT SCOPE	ADJUST	REMARKS
	High side to ungrounded tube shield floating over FM Mixer-Osc. Low side to chassis.	10.7 MC (450KC Swp)	(FM) Point on non-interference.	Vert. Amp. to point \triangle . Low side to chassis.	A10, A11, A12, A13, A14, A15	Disconnect Stabilizing capacitor C4. Adjust for maximum gain and symmetry of response similar to Fig. 1 Reconnect C4.
6.	"	"	"	Vert. amp. to point \diamond . Low side to chassis.	A16	Adjust to place marker at the center of crossover lines similar to Fig. 2. SLIGHTLY retouch A15 for maximum amplitude and straightness of crossover lines.

FM RF ALIGNMENT — SELECTOR IN FM POSITION

7.	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	CONNECT VTVM	ADJUST	REMARKS
	Across FM antenna terminals 5 & 6 with 120 Ω in each lead.	90MC	(FM) 90MC	DC probe to point \triangle . Common to chassis.	A17, A18, A19	Adjust for maximum deflection.
8.	"	106MC	106MC	"	A20, A21, A22,	Adjust for maximum deflection. Repeat Steps 7 and 8.

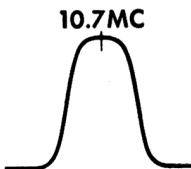


FIG. 1

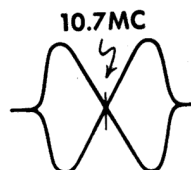
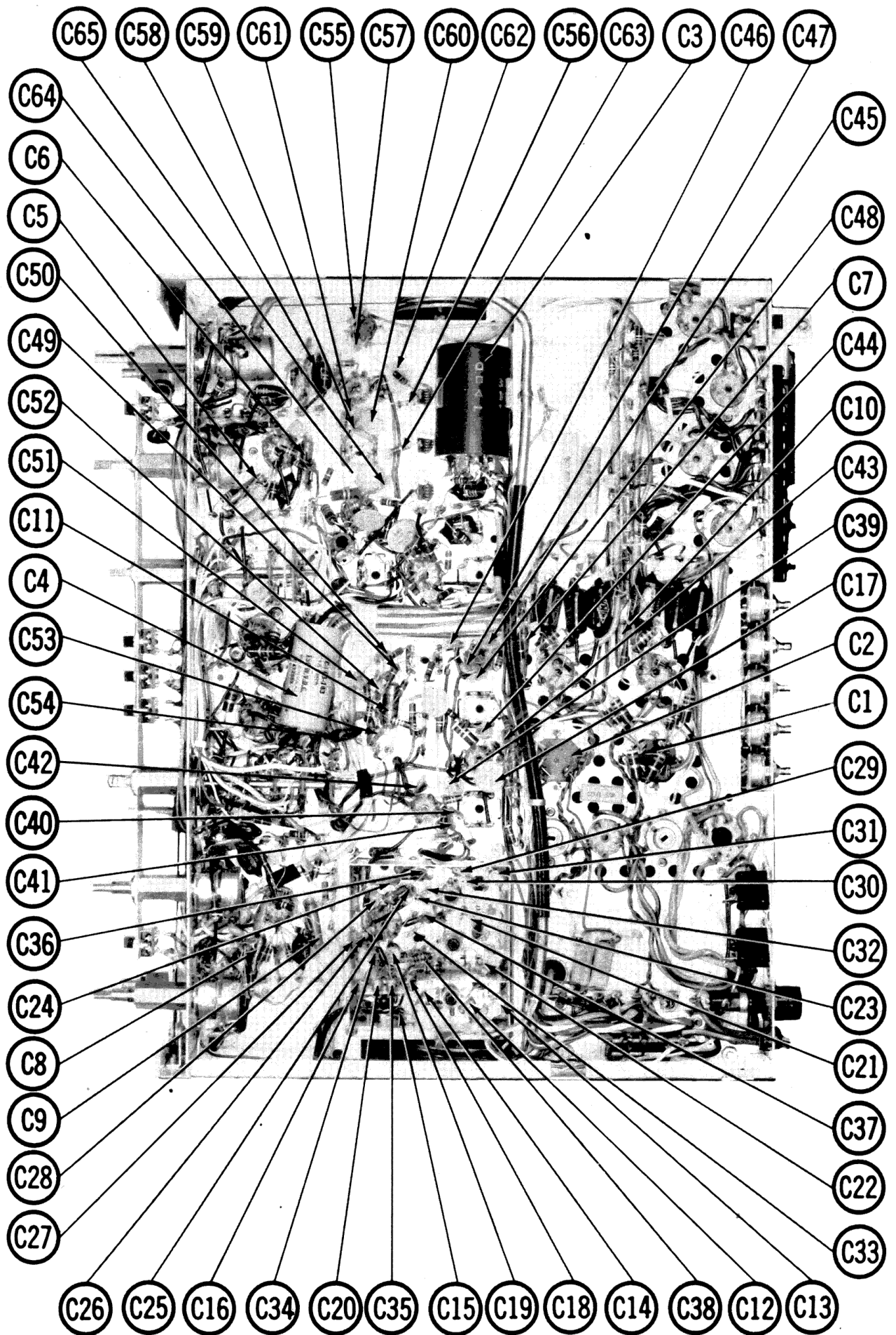
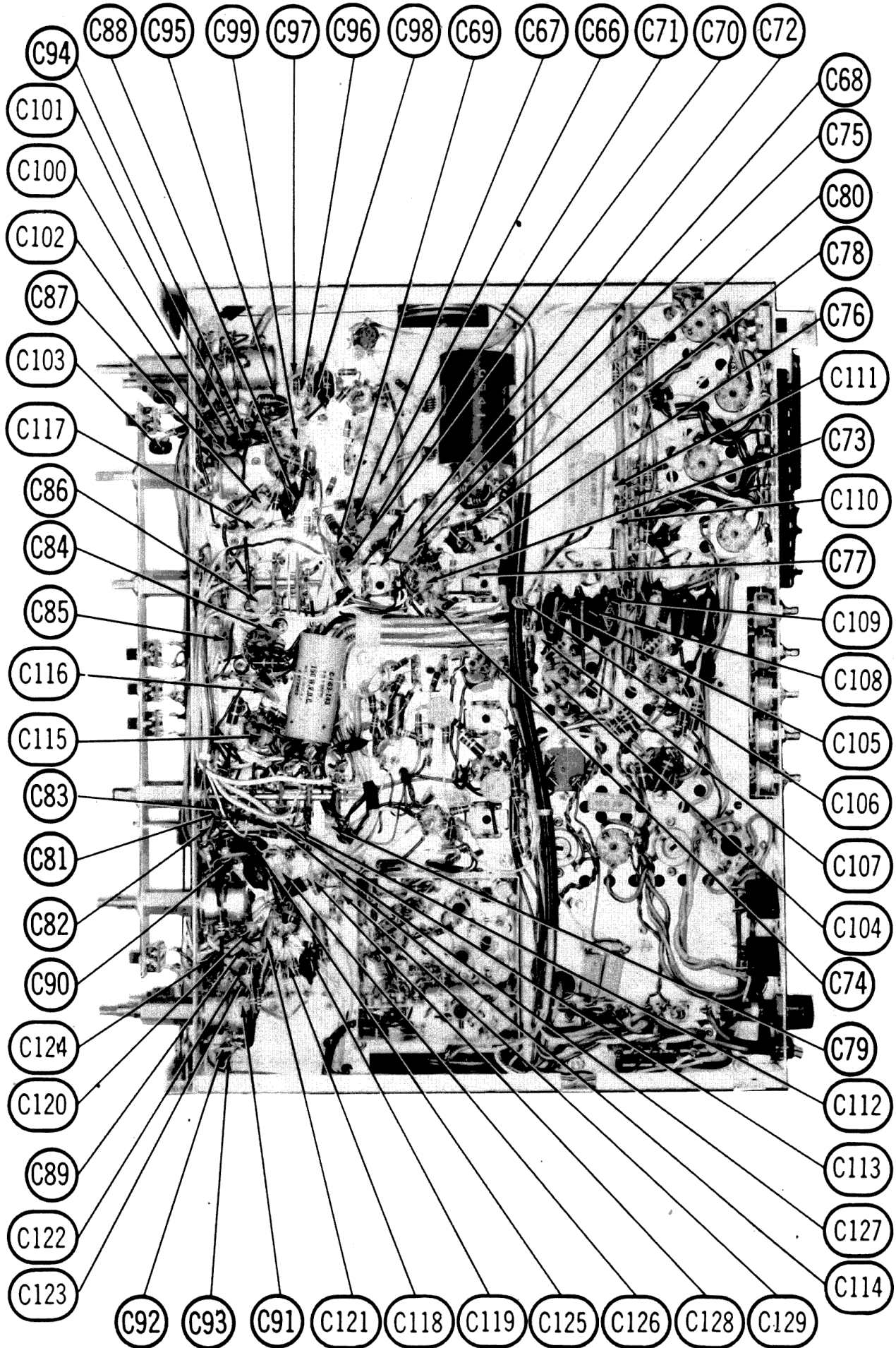


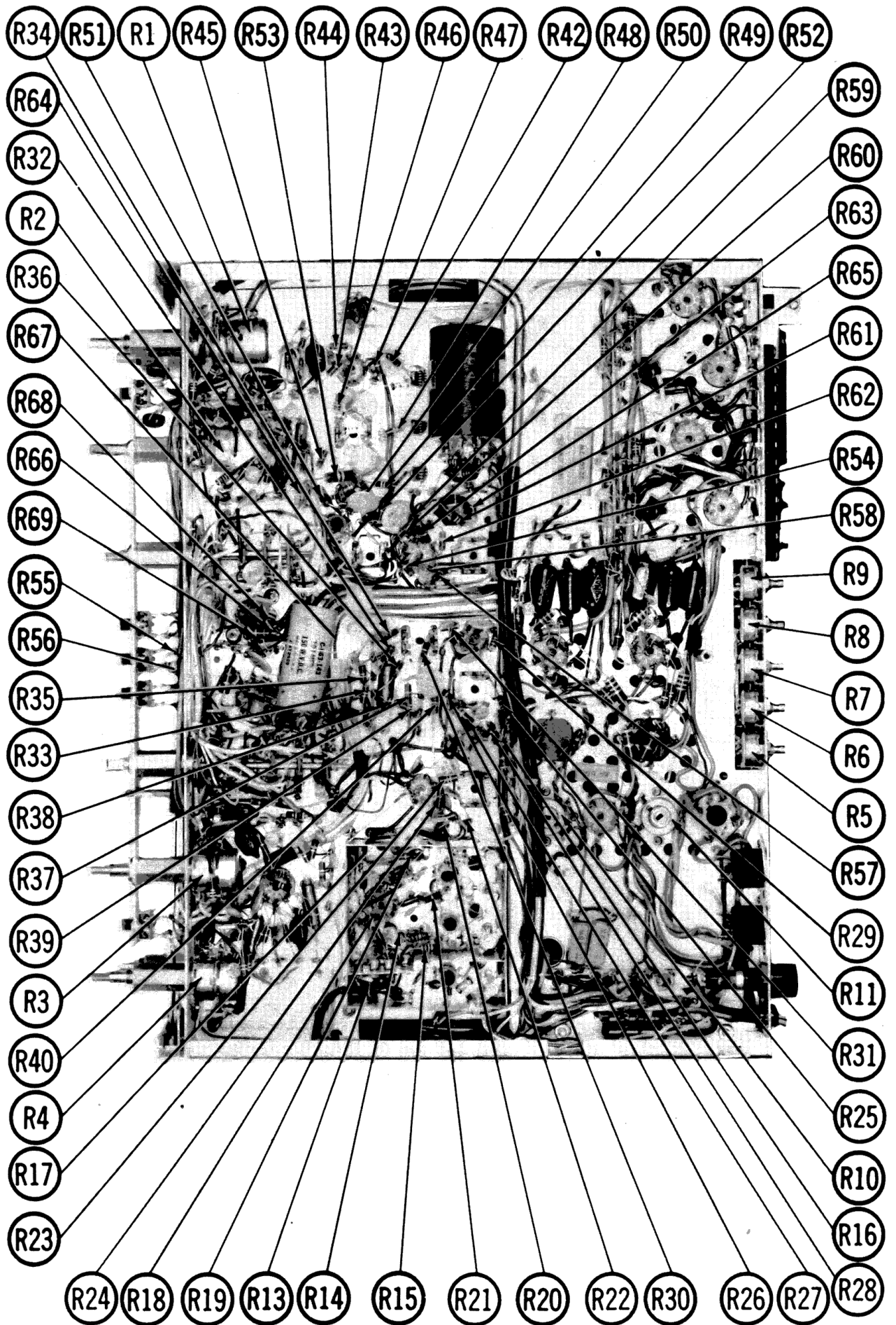
FIG. 2



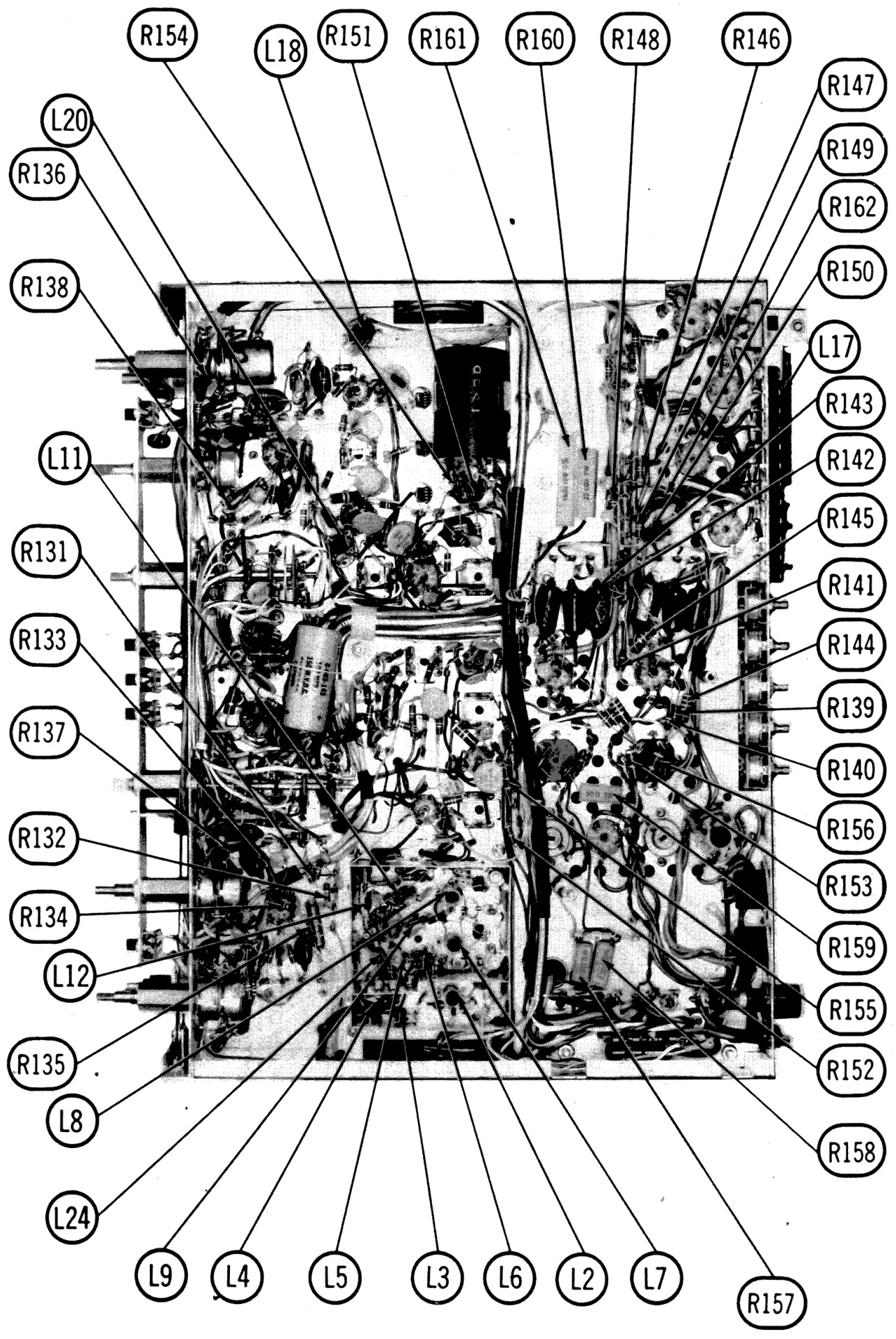
CHASSIS BOTTOM VIEW - CAPACITOR IDENT. (C1-C65)



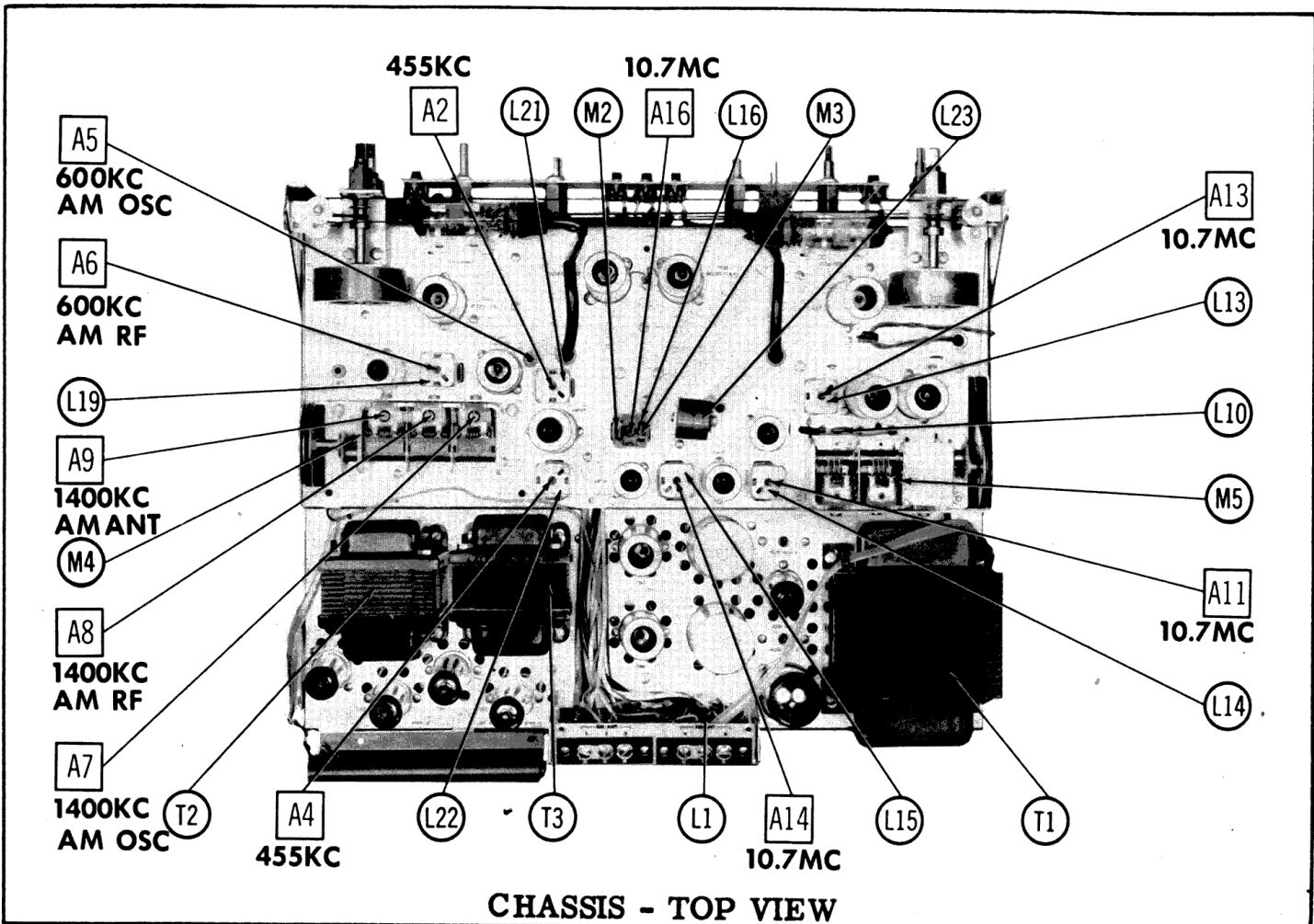
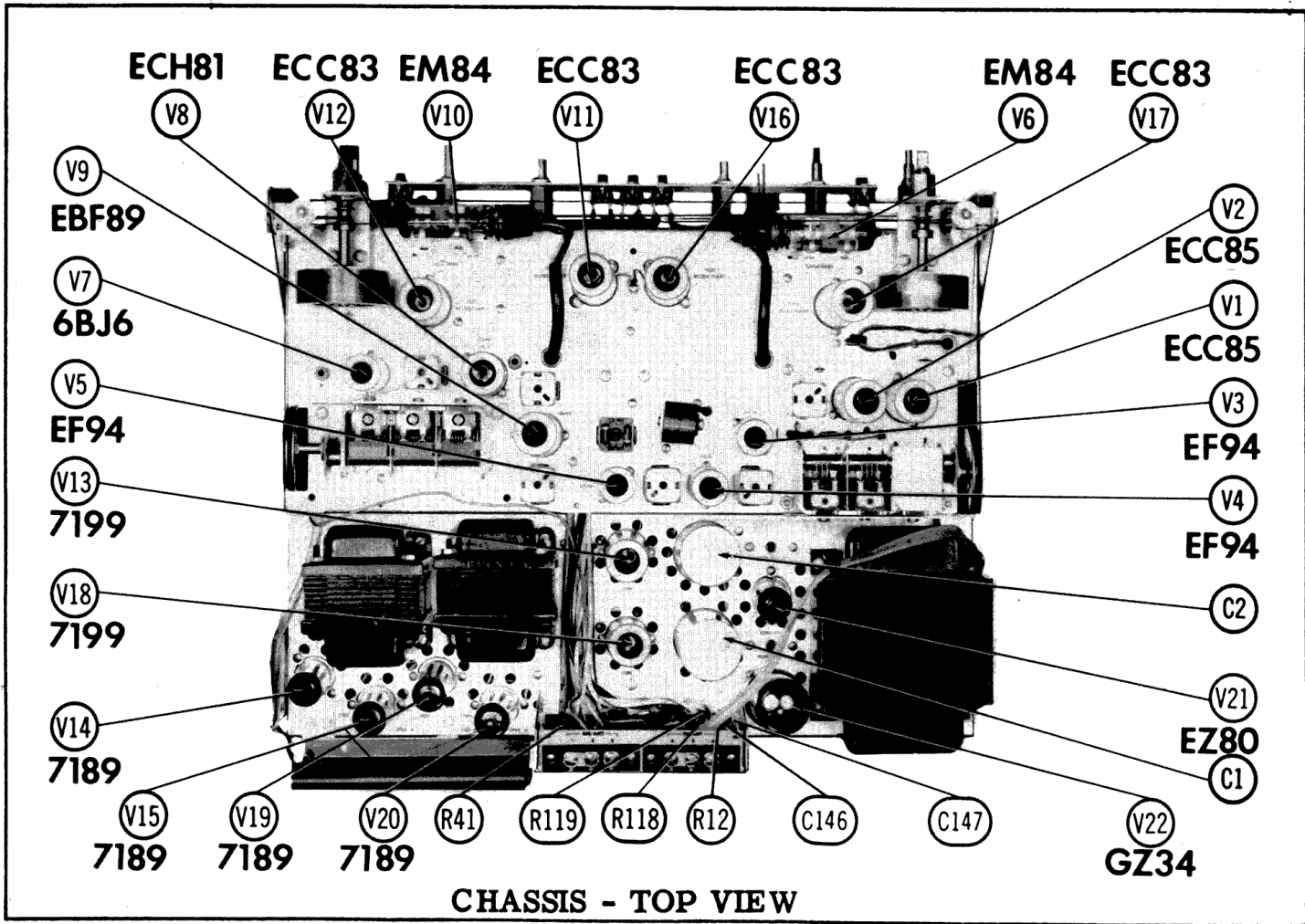
CHASSIS BOTTOM VIEW - CAPACITOR IDENT. (C66-C129)

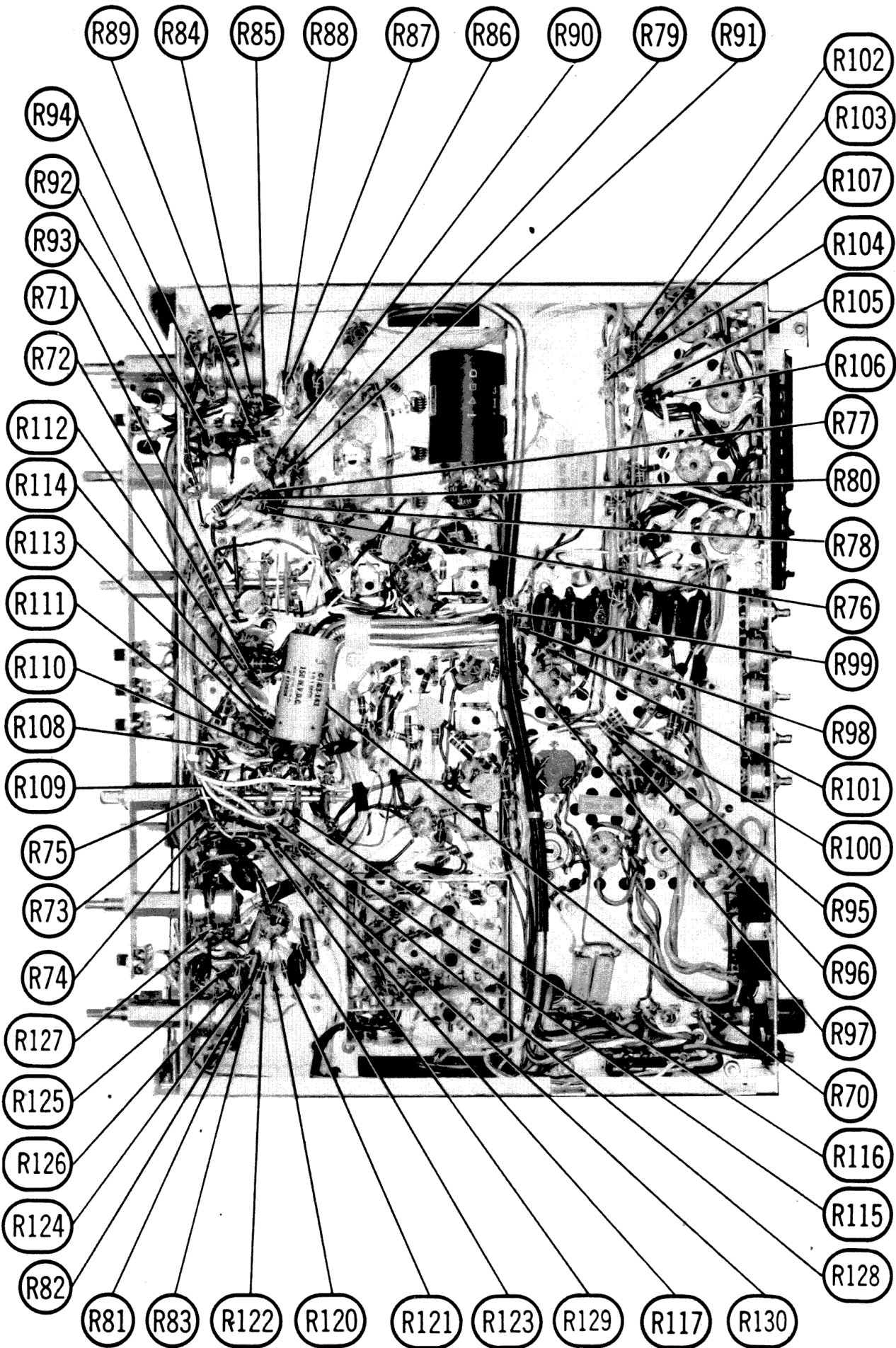


CHASSIS BOTTOM VIEW - RESISTOR IDENT. (R1-R68)

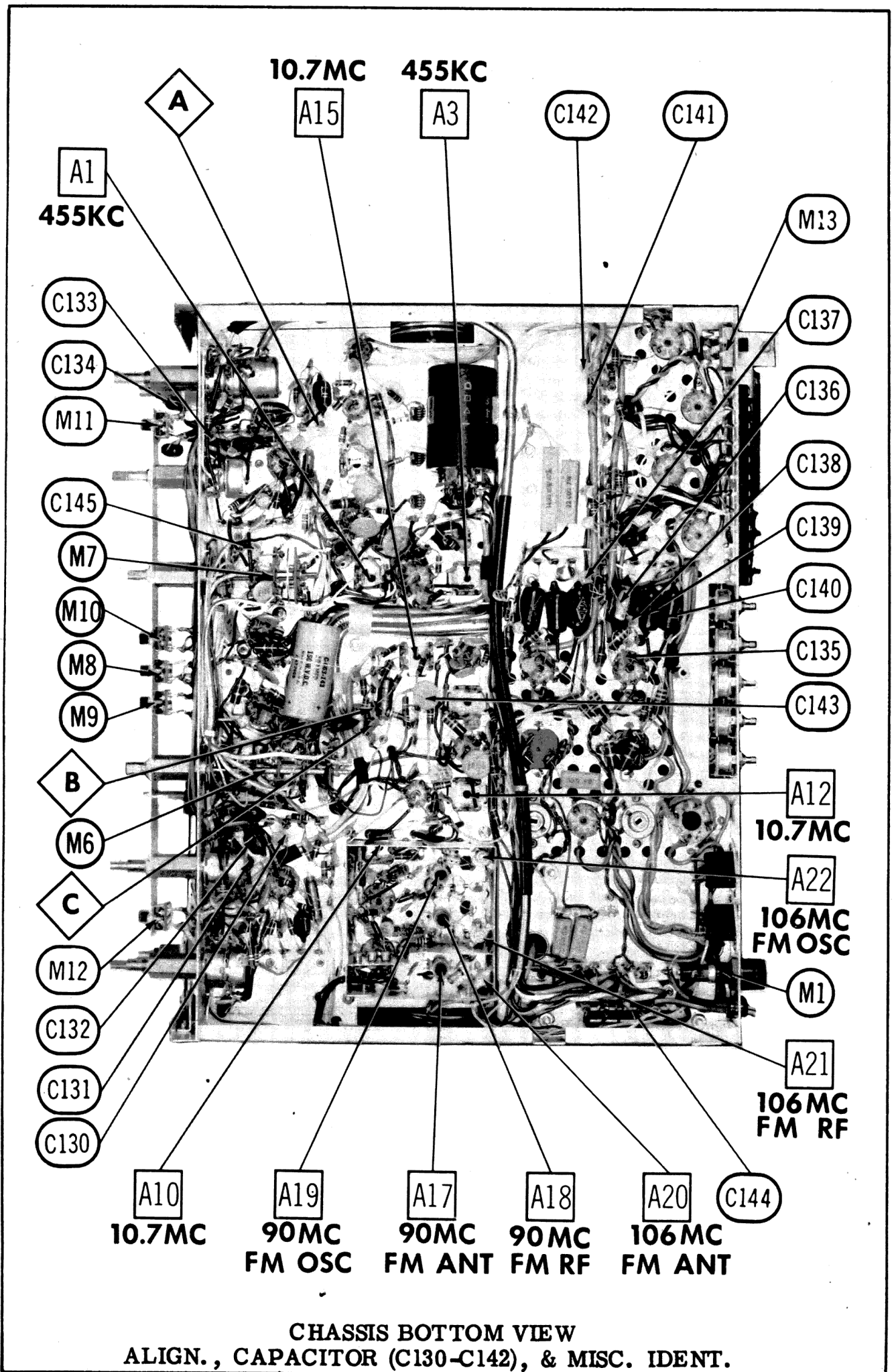


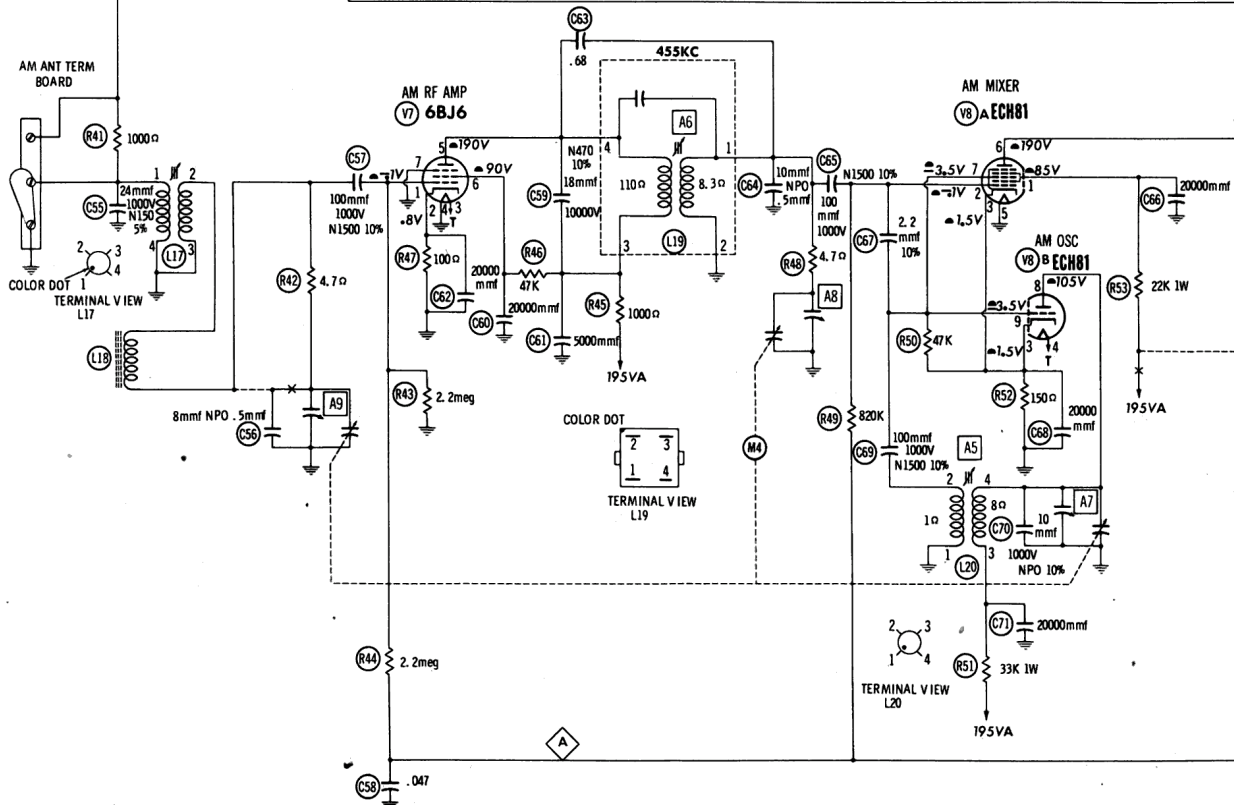
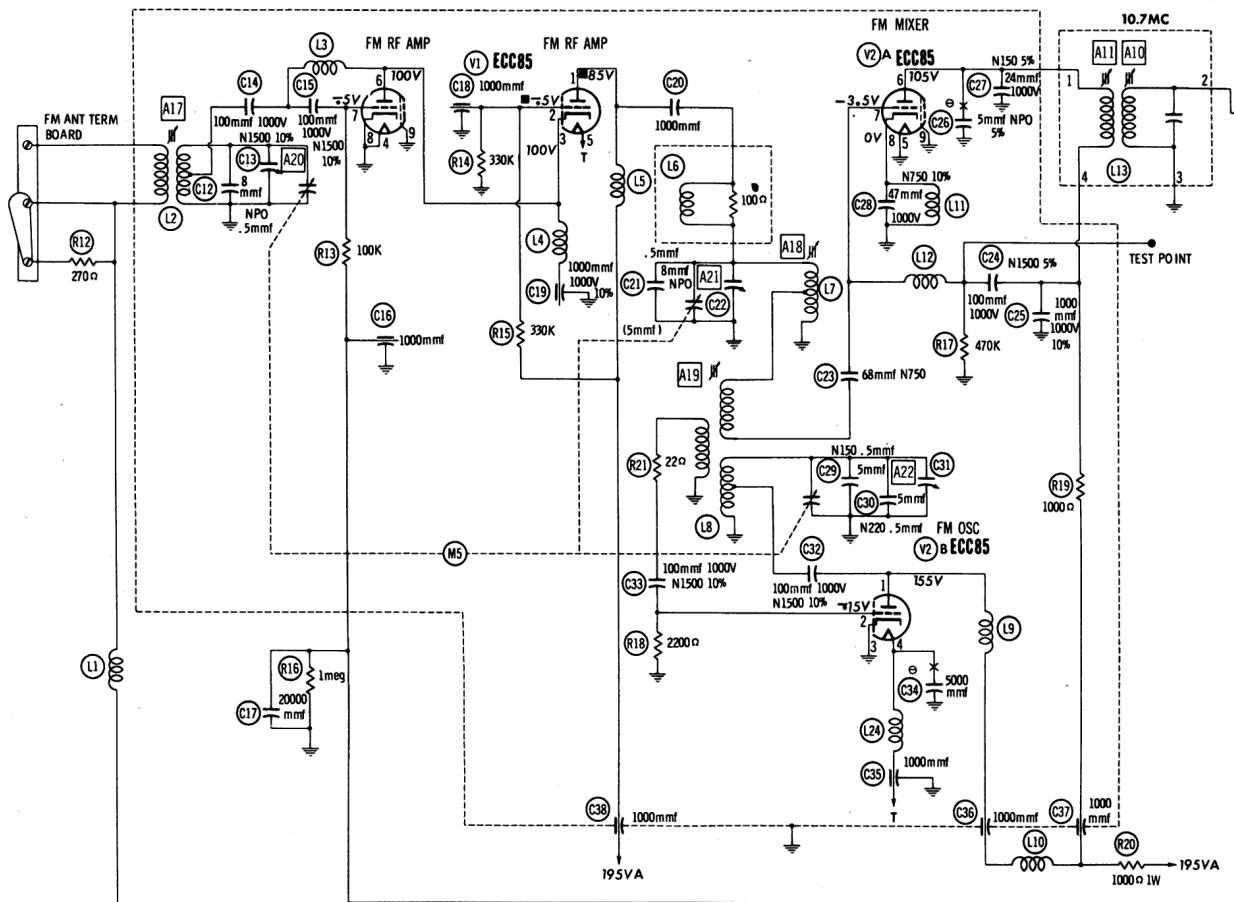
CHASSIS BOTTOM VIEW - INDUCTOR & RESISTOR (R131-R162) IDENT.



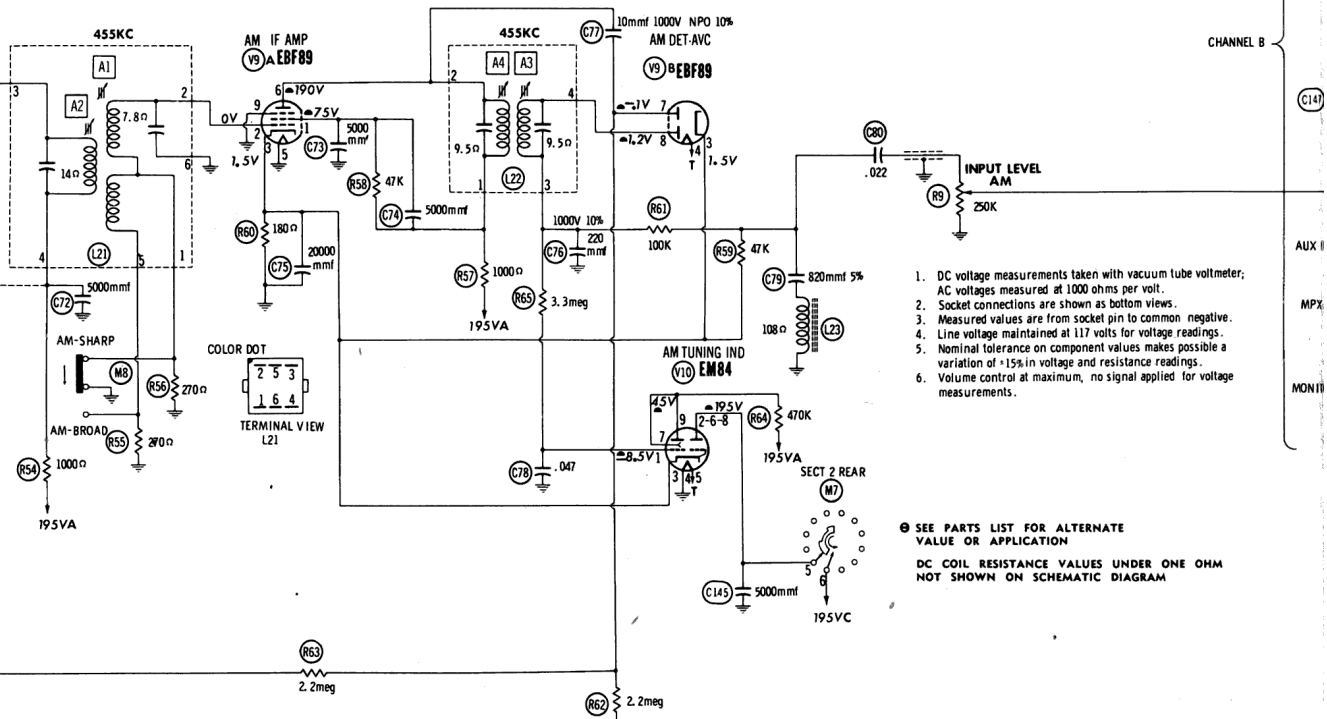
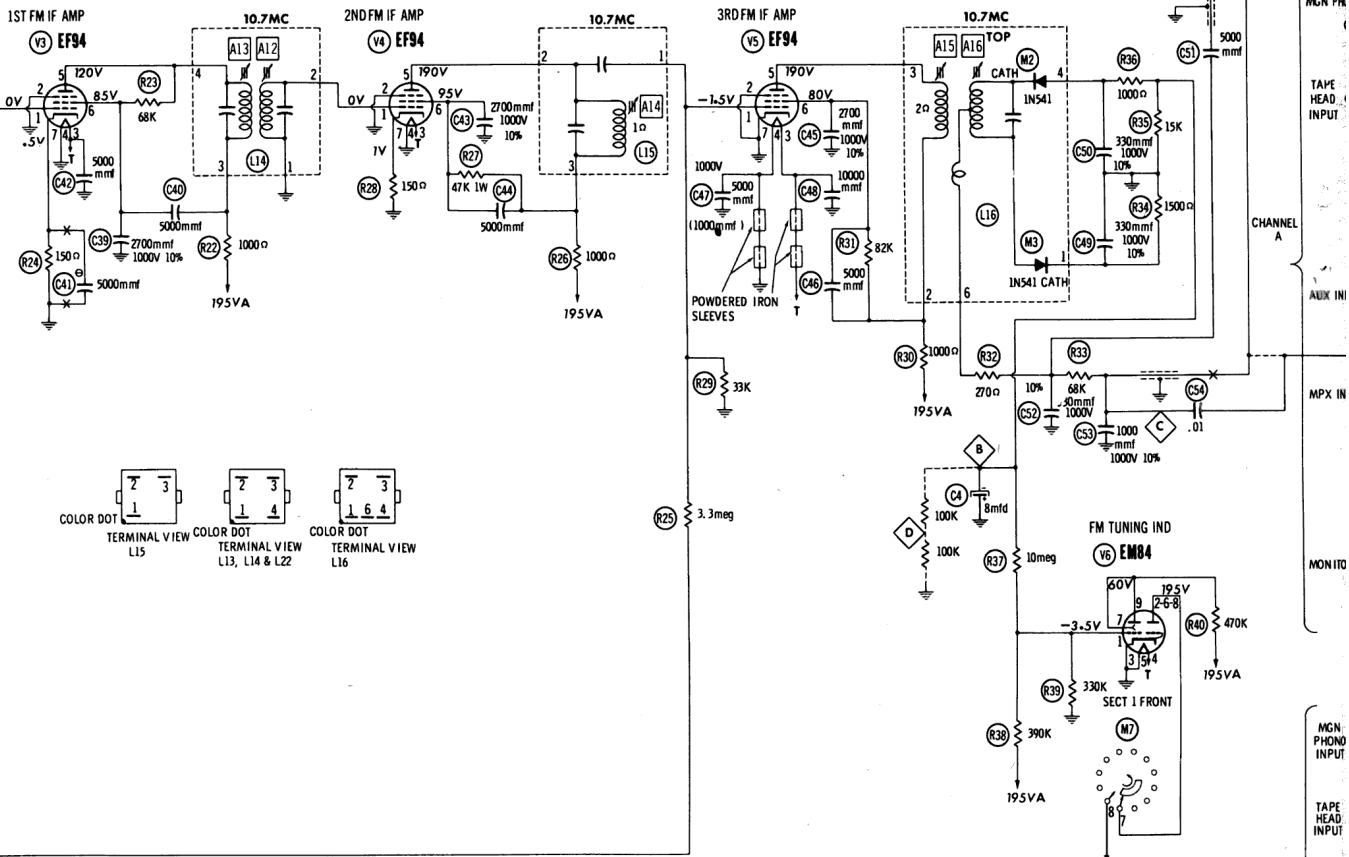


CHASSIS BOTTOM VIEW - RESISTOR IDENT. (R 70-R130)



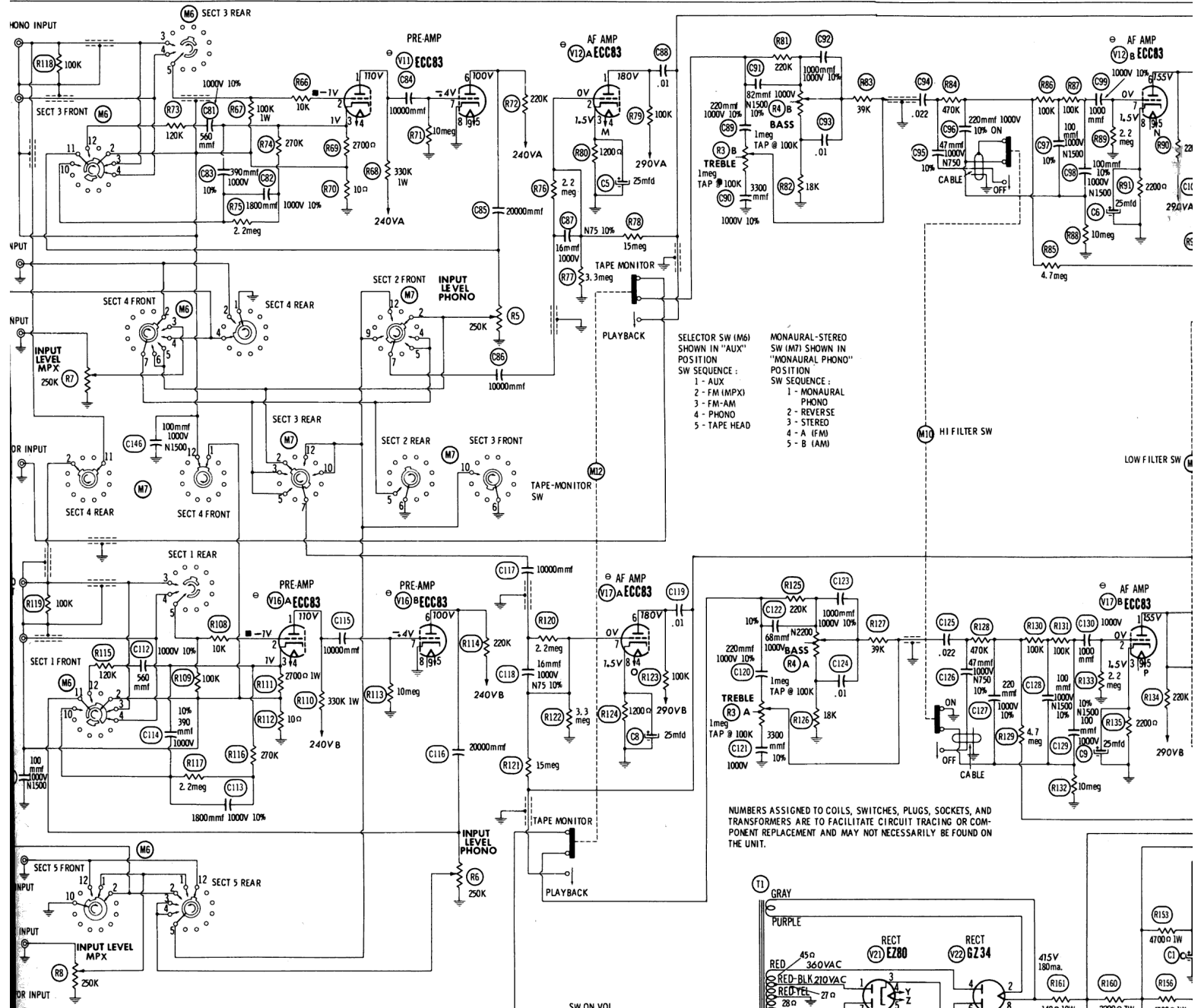


A PHOTOFAC STANDARD NOTATION SCHEMATIC
 © Howard W. Sams & Co., Inc. 1960



1. DC voltage measurements taken with vacuum tube voltmeter; AC voltages measured at 1000 ohms per volt.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common negative.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance on component values makes possible a variation of ±15% in voltage and resistance readings.
6. Volume control at maximum, no signal applied for voltage measurements.

SEE PARTS LIST FOR ALTERNATE VALUE OR APPLICATION
 DC COIL RESISTANCE VALUES UNDER ONE OHM NOT SHOWN ON SCHEMATIC DIAGRAM



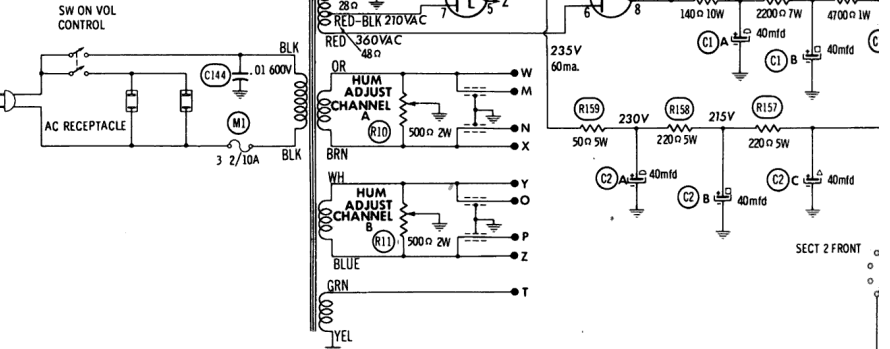
SELECTOR SW (M6)
SHOWN IN "AUX"
POSITION
SW SEQUENCE:
1 - AUX
2 - FM (MPX)
3 - FM-AM
4 - PHONO
5 - TAPE HEAD

MONAURAL-STEREO
SW (M7) SHOWN IN
"MONAURAL PHONO"
POSITION
SW SEQUENCE:
1 - MONAURAL
PHONO
2 - REVERSE
3 - STEREO
4 - A (IFM)
5 - B (IAM)

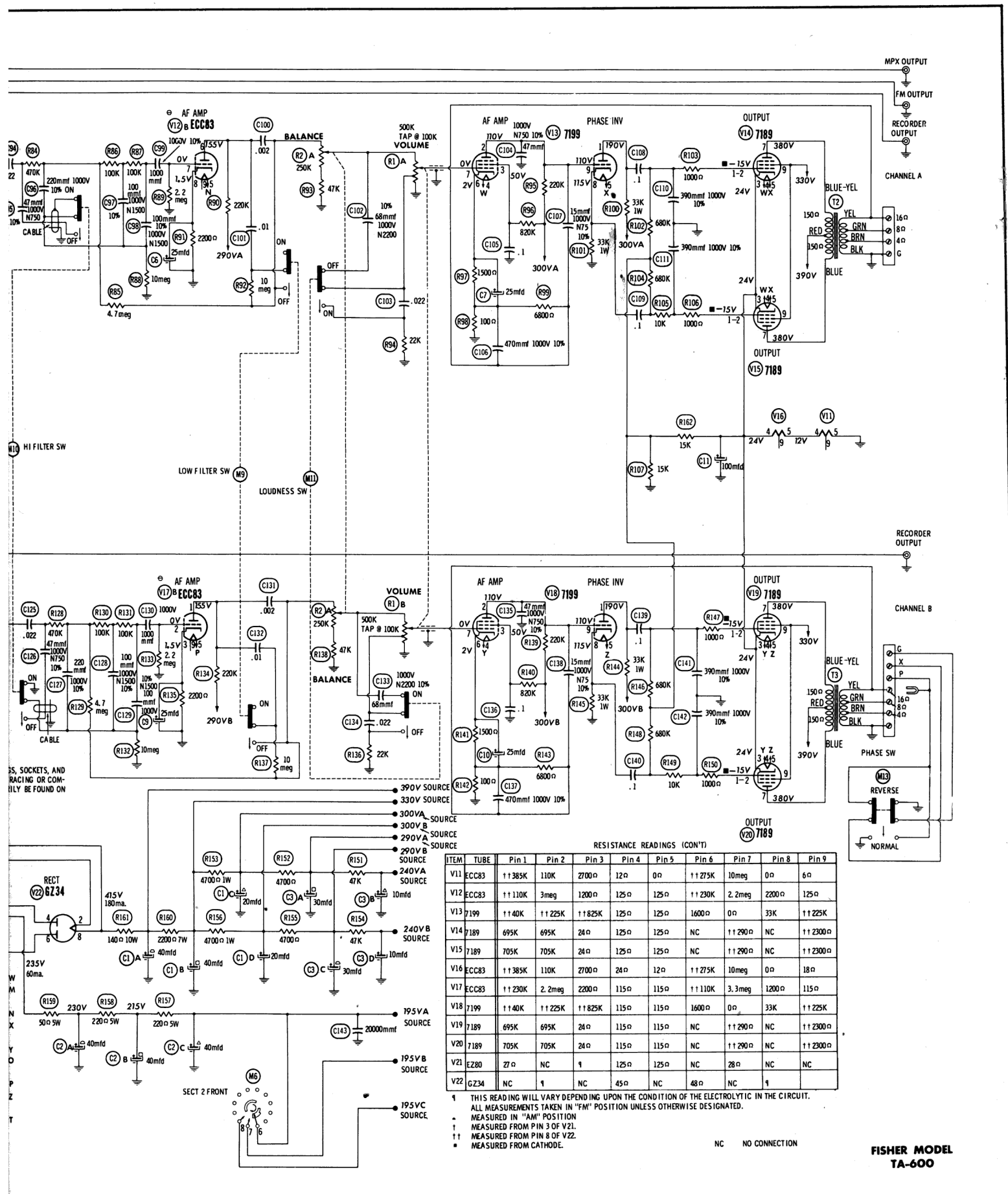
NUMBERS ASSIGNED TO COILS, SWITCHES, PLUGS, SOCKETS, AND TRANSFORMERS ARE TO FACILITATE CIRCUIT TRACING OR COMPONENT REPLACEMENT AND MAY NOT NECESSARILY BE FOUND ON THE UNIT.

RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	ECC85	+1490Ω	160K	INF	0Ω	.1Ω	INF	850K	0Ω	0Ω
V2	ECC85	+1500Ω	2200Ω	0Ω	.1Ω	0Ω	12500Ω	470K	.1Ω	0Ω
V3	EF94	.7Ω	0Ω	.1Ω	0Ω	+1500Ω	170K	150Ω		
V4	EF94	.7Ω	0Ω	.1Ω	0Ω	+1500Ω	148K	150Ω		
V5	EF94	33K	0Ω	.1Ω	0Ω	+1500Ω	183K	0Ω		
V6	EM84	200K	+1490Ω	0Ω	.1Ω	0Ω	+1490Ω	+1470K	+1490Ω	+1470K
V7	6BJ6	+1.6meg	100Ω	.1Ω	0Ω	+1500Ω	+148K	0Ω		
V8	EC181	+1.23K	3.3meg	150Ω	.1Ω	0Ω	+1500Ω	47K	33K	47K
V9	EF89	+148K	7.8Ω	+180Ω	.1Ω	0Ω	+1500Ω	+1.7meg	47K	0Ω
V10	EM84	+3.4meg	+1490Ω	+180Ω	0Ω	.1Ω	+1490Ω	+1470K	+1490Ω	+1470K



SECT 2 FRONT



RESISTANCE READINGS (CON'T)

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V11	ECC83	11385K	110K	2700Ω	12Ω	0Ω	11275K	10meg	0Ω	6Ω
V12	ECC83	11110K	3meg	1200Ω	125Ω	125Ω	11230K	2.2meg	2200Ω	125Ω
V13	7199	1140K	11225K	11825K	125Ω	125Ω	1600Ω	0Ω	33K	11225K
V14	7189	695K	695K	24Ω	125Ω	125Ω	NC	11290Ω	NC	112300Ω
V15	7189	705K	705K	24Ω	125Ω	125Ω	NC	11290Ω	NC	112300Ω
V16	ECC83	11385K	110K	2700Ω	24Ω	12Ω	11275K	10meg	0Ω	18Ω
V17	ECC83	11230K	2.2meg	2200Ω	115Ω	115Ω	11110K	3.3meg	1200Ω	115Ω
V18	7199	1140K	11225K	11825K	115Ω	115Ω	1600Ω	0Ω	33K	11225K
V19	7189	695K	695K	24Ω	115Ω	115Ω	NC	11290Ω	NC	112300Ω
V20	7189	705K	705K	24Ω	115Ω	115Ω	NC	11290Ω	NC	112300Ω
V21	E880	27Ω	NC	1	125Ω	125Ω	NC	28Ω	NC	NC
V22	GZ34	NC	1	NC	45Ω	NC	48Ω	NC	1	NC

1 THIS READING WILL VARY DEPENDING UPON THE CONDITION OF THE ELECTROLYTIC IN THE CIRCUIT.
 ALL MEASUREMENTS TAKEN IN "FM" POSITION UNLESS OTHERWISE DESIGNATED.
 - MEASURED IN "AM" POSITION
 † MEASURED FROM PIN 3 OF V21.
 †† MEASURED FROM PIN 8 OF V22.
 * MEASURED FROM CATHODE.

NC NO CONNECTION

PARTS LIST AND DESCRIPTIONS

TUBES

GENERAL ELECTRIC		RAYTHEON		SYLVANIA	
ITEM No.	USE	ITEM No.	USE	ITEM No.	TYPE
V1	FM RF Amp.	ECC85 (6AQ8) *	7199		
V2	FM Mixer-Osc.	ECC85 (6AQ8) *	7189		
V3	1st FM IF Amp.	EF94 (6AU6) *	7189		
V4	2nd FM IF Amp.	EF94 (6AU6) *			
V5	3rd FM IF Amp.	EF94 (6AU6) *			
V6	FM Tuning Indicator	EM84 (6FG6) *	ECC83 (12AX7, 7025) *		
V7	AM RF Amp.	6B6	7199		
V8	AM Mixer-Osc.	ECH81 (6AJ8) *			
V9	AM IF Amp. -Det.-A.V.C.	EF89	7189		
V10	AM Tuning Indicator	EM84 (6FG6) *	7189		
V11	Channel A Preamp.	ECC83 (12AX7, 7025) *	EZ80 (6V4) *		
V12	Channel A AF Amp.	ECC83 (12AX7, 7025) *	GZ34 (5AR4) *		

* Alternate

ELECTROLYTIC CAPACITORS

RATING		REPLACEMENT DATA		NOTES	
ITEM No.	CAP. VOLT.	FISHER PART No.	AEROVOX PART No.	MALLORY PART No.	SPRAGUE PART No.
C1A	40	C50180-2	PWH4-58-65	FP376.9	TVL-3786
C1B	40	350	BR2035	TD-20-350	TVA-1608
C1C	20	200			
C2A	40	350	AFH3-44	FP327.89	TVLS-3561.4*
C3A	40	250	AFH4-06	FP444.6	TVLS-4563.5*
C1D	10	200			
C4	6	50			
C5	25	6			
C6	25	6			
C7	25	6			
C8	25	6			
C9	25	6			
C10	25	6			
C11	100	150			

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

FIXED CAPACITORS (cont)

RATING		REPLACEMENT DATA		REMARKS	
ITEM No.	RATING	AEROVOX PART No.	MALLORY PART No.	SPRAGUE PART No.	REMARKS
C31	100 N1500 1000V 10%	BPD-005	DD-502	CCD-502	#CC662-123
C32	100 N1500 1000V 10%	EF-001	MFT-1000	CCF-102	#C50070-6
C33	5000	EF-001	MFT-1000	CCF-102	Note 1
C34	1000	EF-001	MFT-1000	CCF-102	
C35	1000	EF-001	MFT-1000	CCF-102	
C36	1000	EF-001	MFT-1000	CCF-102	
C37	1000	EF-001	MFT-1000	CCF-102	
C38	1000	EF-001	MFT-1000	CCF-102	
C39	2700 1000V 10%	DI-2700	DD-502	CCD-272	
C40	5000	BPD-005	DD-502	CCD-272	
C41	5000	BPD-005	DD-502	CCD-272	
C42	5000	BPD-005	DD-502	CCD-272	
C43	2700 1000V 10%	DI-2700	DD-502	CCD-272	
C44	5000	BPD-005	DD-502	CCD-272	
C45	2700 1000V 10%	DI-2700	DD-502	CCD-272	
C46	5000	BPD-005	DD-502	CCD-272	
C47	5000 1000V	BPD-005	DD-502	CCD-272	
C48	10000	BPD-01	DD-502	CCD-272	(1000mmf) *
C49	330 1000V 10%	DI-330	DD-331	CCD-331	
C50	330 1000V 10%	BPD-005	DD-331	CCD-331	
C51	5000	BPD-005	DD-331	CCD-331	
C52	330 1000V 10%	DI-330	DD-331	CCD-331	
C53	1000 1000V 10%	DI-1000	DD-102	CCD-102	
C54	.01 250V	P488N-01	D6-103	4DP-1-103	
C55	24 N150 1000V 5%	NPO-SI 8.2	C10V8C		
C56	8 NPO 5mmf				
C57	100 N1500 1000V 10%	P488N-047	DD-503	4DP-3-473	
C58	.047 250V				
C59	18 N470 1000V 10%	P488N-047	DD-503	4DP-3-473	
C60	20000	BPD-02	DD-203	CCD-203	
C61	5000	BPD-02	DD-203	CCD-203	
C62	20000	BPD-02	DD-203	CCD-203	
C63	.68	NPO-SI .68	TCZ-R68		
C64	10 NPO 5mmf	NPO-SI 10	TCZ-10		
C65	100 N1500 1000V 10%	BPD-02	DD-203	CCD-203	
C66	20000	BPD-02	DD-203	CCD-203	
C67	2.2 10%	BPD-02	DD-203	CCD-203	
C68	20000	BPD-02	DD-203	CCD-203	
C69	100 N1500 1000V 10%	BPD-02	DD-203	CCD-203	
C70	10 NPO 1000V 10%	BPD-02	DD-203	CCD-203	
C71	20000	BPD-02	DD-203	CCD-203	
C72	5000	BPD-02	DD-203	CCD-203	
C73	5000	BPD-02	DD-203	CCD-203	
C74	5000	BPD-02	DD-203	CCD-203	
C75	20000	BPD-02	DD-203	CCD-203	
C76	220 1000V 10%	BPD-02	DD-221	CCD-221	
C77	10 NPO 1000V 10%	P488N-047	DD-503	CCD-503	
C78	.047 250V	1469-00082	DD-203	CCD-203	
C79	820 5%	P488N-022	DD-203	CCD-203	
C80	.022 250V				
C81	560 1000V 10%	DI-560	DD-561	CCD-561	
C82	1800 1000V 10%	DI-1800	DD-182	CCD-182	
C83	390 1000V 10%	DI-390	DD-391	CCD-391	
C84	10000	BPD-01	DD-103	CCD-103	
C85	20000	BPD-02	DD-203	CCD-203	
C86	10000	BPD-01	DD-103	CCD-103	
C87	16 N75 1000V 10%	P488N-01	D6-103	4DP-1-103	
C88	.01 250V				
C89	220 1000V 10%	DI-220	DD-221	CCD-221	
C90	3300 1000V 10%	DI-3300	DD-3300	CCD-330	
C91	82 N1500 1000V 10%	DI-1000	DD-102	CCD-102	
C92	1000 1000V 10%	P488N-01	D6-103	4DP-1-103	
C93	.01 250V				
C94	.022 250V				
C95	47 N750 1000V 10%	P488N-022	DD-203	CCD-203	
C96	220 1000V 10%	DI-220	DD-221	CCD-221	
C97	100 N1500 1000V 10%	DI-1000	DD-102	CCD-102	
C98	100 N1500 1000V 10%	P488N-01	D6-103	4DP-1-103	
C99	1000 1000V 10%	P488N-022	DD-203	CCD-203	
C100	.002 200V				
C101	.01 250V				
C102	68 N2200 1000V 10%	DI-220	DD-221	CCD-221	

FIXED CAPACITORS

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

RATING		REPLACEMENT DATA		REMARKS	
ITEM No.	RATING	AEROVOX PART No.	MALLORY PART No.	SPRAGUE PART No.	REMARKS
C12	8 NPO .5mmf	NPO-SI 8.2	C10V8C		
C13	100 N1500 1000V 10%	EF-001	MFT-1000	CCF-102	#C662-123
C14	100 N1500 1000V 10%	BPD-02	DD-203	CCD-203	#C50070-6
C15	1000	EF-001	MFT-1000	CCF-102	#C50070-6
C16	10000	DI-1000	DD-102	CCD-102	
C17	20000	DI-1000	DD-102	CCD-102	
C18	1000	DI-1000	DD-102	CCD-102	
C19	1000	DI-1000	DD-102	CCD-102	
C20	1000	DI-1000	DD-102	CCD-102	
C21	8 NPO .5mmf	NPO-SI 8.2	C10V8C		(5mmf) *
C22	68 N750	N750-SI 68	TCN-68	CCTN-680	#C662-123
C23	1000 1000V 5%	DI-1000	DD-102	CCD-102	#C50070-19
C24	1000 1000V 10%	NPO-SI 5	TCZ-4R7	CCTN-470	
C25	5 NPO 5%				
C26	24 N150 1000V 5%	N750-SI 47			
C27	47 N750 1000V 10%				Note 1
C28	5 N150 .5mmf				#C50070-8
C29	5 N220 .5mmf				#CC20P.050D5
C30					#CC20RH050D5

PARTS LIST AND DESCRIPTIONS (Continued)

FIXED CAPACITORS (cont)

ITEM No.	RATING	REMARKS	REPLACEMENT DATA					SPRAGUE PART No.
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBIERRE PART No.	ELMIENCO PART No.	MALLORY PART No.	
C103	.022 250V		P488N-022	DD-203	CUB4S22	4DP-2-223	GEM-4122	4TM-S22
C104	47 N750 1000V 10%		P688N-1	DF-104	C10Q47U	CCTN-470	CNT-447	10TCU-Q47
C105	1.5 500V	#C50070-18	DI-470	DD-471	CUB6P1	6DP-4-104	GEM-601	6TM-P1
C106	47 N75 1000V 10%		P688N-1	DF-104	CUB6P1	6DP-4-104	GEM-601	6TM-P1
C107	1.5 500V		P688N-1	DF-104	CUB6P1	6DP-4-104	GEM-601	6TM-P1
C108	390 1000V 10%		DI-390	DD-391	L10T39	CCD-391	GP339	10TS-T39
C109	390 1000V 10%		DI-390	DD-391	L10T39	CCD-391	GP339	10TS-T39
C110	390 1000V 10%		DI-390	DD-391	L10T39	CCD-391	GP339	10TS-T39
C111	560 1000V 10%		DI-560	DD-561	CCD-561	CCD-561	GP356	10TS-T56
C112	1800 1000V 10%		DI-1800	DD-182	CCD-182	CCD-182	GP218	10TS-D18
C113	390 1000V 10%		DI-390	DD-391	CCD-391	CCD-391	GP339	10TS-T39
C114	390 1000V 10%		BPD-01	DD-103	BYA10S1	CCD-103	GP110	5HK-S10
C115	10000		BPD-02	DD-203	BY56S2	CCD-203	GP120	5HK-S20
C116	20000		BPD-01	DD-103	BYA10S1	CCD-103	GP110	5HK-S10
C117	10000		BPD-01	DD-103	BYA10S1	CCD-103	GP110	5HK-S10
C118	16 N75 1000V 10%	#C50070-21	P488N-01	D6-103	CUB4S1	4DP-1-103	GEM-411	4TM-S1
C119	220 1000V 10%		DI-220	DD-221	L10T22	CCD-221	GP322	10TS-T22
C120	220 1000V 10%		DI-220	DD-221	L10T22	CCD-221	GP322	10TS-T22
C121	3300 1000V 10%	#C50070-12	DI-3300	DD-221	L10T22	CCD-332	JL-233	
C122	68 N2200 1000V 10%		DI-1000	DD-102	BYA10D1	CCD-102	GP210	10TS-D10
C123	1000 1000V 10%		P288N-002	D6-202	CUB6D2	6DP-1-202	GEM-622	6TM-D2
C124	.01 250V		P488N-01	D6-103	CUB4S1	4DP-1-103	GEM-411	4TM-S1
C125	.022 250V		P488N-01	D6-103	CUB4S1	4DP-1-103	GEM-411	4TM-S1
C126	47 N750 1000V 10%		P488N-022	DD-203	CUB4S22	4DP-2-223	GEM-4122	4TM-S22
C127	47 N750 1000V 10%		DI-220	DD-221	L10T22	CCD-221	GP322	10TS-T22
C128	100 N1500 1000V 10%	#C50070-6	DI-1000	DD-102	BYA10D1	CCD-102	GP210	10TS-D10
C129	100 N1500 1000V 10%	#C50070-6	DI-1000	DD-102	BYA10D1	CCD-102	GP210	10TS-D10
C130	1000 1000V		P288N-002	D6-202	CUB6D2	6DP-1-202	GEM-622	6TM-D2
C131	.01 250V		P488N-01	D6-103	CUB4S1	4DP-1-103	GEM-411	4TM-S1
C132	.022 250V	#C50070-12	P488N-022	DD-203	CUB4S22	4DP-2-223	GEM-4122	4TM-S22
C133	68 N2200 1000V 10%		P488N-01	D6-103	CUB4S1	4DP-1-103	GEM-411	4TM-S1
C134	.022 250V		P488N-01	D6-103	CUB4S1	4DP-1-103	GEM-411	4TM-S1
C135	47 N750 1000V 10%		P488N-01	D6-103	CUB4S1	4DP-1-103	GEM-411	4TM-S1
C136	.01 500V		DI-470	DD-471	CUB6P1	6DP-4-104	GEM-601	6TM-P1
C137	470 1000V 10%		P688N-1	DF-104	CUB6P1	6DP-4-104	GEM-601	6TM-P1
C138	15 N75 1000V 10%	#C50070-18	P688N-1	DF-104	CUB6P1	6DP-4-104	GEM-601	6TM-P1
C139	.01 500V		P688N-1	DF-104	CUB6P1	6DP-4-104	GEM-601	6TM-P1
C140	1.5 500V		P688N-1	DF-104	CUB6P1	6DP-4-104	GEM-601	6TM-P1
C141	390 1000V 10%		DI-390	DD-391	L10T39	CCD-391	GP339	10TS-T39
C142	390 1000V 10%		DI-390	DD-391	L10T39	CCD-391	GP339	10TS-T39
C143	20000		BPD-02	DD-203	BY56S2	CCD-203	GP120	5HK-S20
C144	.01 600V		P688N-01	D6-103	CUB6S1	6DP-2-103	GEM-611	6TM-S1
C145	5000		BPD-005	DD-502	BYA10D5	CCD-502	GP250	5HK-D50
C146	100 N1500 1000V							
C147	100 N1500 1000V							

Note 1. Not used in some versions.
 # Fisher Part Number.
 * Alternate Value.
 ** Not normally in distributor's stock. Available thru distributor on order to manufacturer.

CONTROLS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA					INSTALLATION NOTES
			FISHER PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.	
R1A	500K		R50160-17	BT-68				Volume, Channel B
B	100K Tap			STR-66				Volume, Channel A
C	100K Tap			KR-2				Power Off-On
R2A	250K		R50160-18	B-50	AD47-250K-S	Q1-130		Balance, Channel B
B	250K			STR-50	Not Req.	M11-130	UE40B2	Balance, Channel A
C	Shaft			Not Req.	Not Req.	Not Req.	F1-52 *	Treble, Channel B
R3A	100K Tap		R50160-19					Treble, Channel A
B	100K Tap							Treble, Channel A
R4A	100K Tap		R50160-19					Bass, Channel B
B	100K Tap							Bass, Channel A

FOLDER 10

PARTS LIST AND DESCRIPTIONS (Continued)

CONTROLS (cont)

ITEM No.	RATING	REMARKS	REPLACEMENT DATA					INSTALLATION NOTES
			FISHER PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.	
R5	250K		R50160-3	JL-254				Input Level, Phono A
R6	250K		R50160-3	JL-254				Input Level, Phono B
R7	250K		R50160-3	JL-254				Input Level, MPXA
R8	250K		R50160-3	JL-254				Input Level, MPXB
R9	250K		R50160-3	JL-254				Input Level, AM
R10	500K		R516-128					Hum Adjust. Channel A
R11	500K		R516-128					Hum Adjust. Channel B

† "Concentrik" Equivalent: K-6 Kit with Base Elements & Shafts: B18-137X, P4-121 (Panel).
 ‡ (Not available as a factory assembled unit.)
 * "STA-LOC" Equivalent: FA254L, RU254L, CS8560.
 * Use when tags are not connected.

RESISTORS

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

ITEM No.	RATING	REMARKS	ITEM No.	RATING	REMARKS	ITEM No.	RATING	REMARKS
R13	100K		R64	470K		R15	120K	
R14	330K		R65	3.3meg		R16	270K	
R15	330K		R66	10K		R17	2.2meg	
R16	1meg		R67	100K		R18	100K	
R17	470K		R68	330K 1W		R19	100K	
R18	2200K		R69	2700K 1W		R20	2.2meg	
R19	1000K 1W		R70	10K		R21	15meg	
R20	1000K 1W		R71	10meg		R22	3.3meg	
R21	220		R72	220K		R23	100K	
R22	1000K		R73	120K		R24	1200K	
R23	68K		R74	270K		R25	220K	
R24	150K		R75	2.2meg		R26	39K	
R25	3.3meg		R76	2.2meg		R27	470K	
R26	1000K		R77	3.3meg		R28	470K	
R27	47K 1W		R78	15meg		R29	4.7meg	
R28	150K		R79	100K		R30	100K	
R29	33K		R80	200K		R31	100K	
R30	1000K		R81	220K		R32	10meg	
R31	82K		R82	18K		R33	2.2meg	
R32	270K		R83	39K		R34	220K	
R33	68K		R84	470K		R35	2200K	
R34	1500K		R85	4.7meg		R36	22K	
R35	15K		R86	100K		R37	10meg	
R36	1000K		R87	100K		R38	47K	
R37	10meg		R88	10meg		R39	220K	
R38	390K		R89	2.2meg		R40	820K	
R39	330K		R90	220K		R41	1500K	
R40	470K		R91	2200K		R42	100K	
R41	1000K		R92	10meg		R43	6800K	
R42	4.7K		R93	47K		R44	33K 1W	
R43	2.2meg		R94	22K		R45	680K	
R44	2.2meg		R95	220K		R46	1000K	
R45	1000K		R96	820K		R47	1500K	
R46	47K		R97	47K		R48	680K	
R47	100K		R98	100K		R49	10K	
R48	4.7K		R99	6800K		R50	1000K	
R49	820K		R100	33K 1W		R51	47K	
R50	47K		R101	33K 1W		R52	4700K	
R51	33K 1W		R102	680K		R53	4700K 1W	
R52	150K		R103	1000K		R54	47K	
R53	22K 1W		R104	680K		R55	4700K	
R54	1000K		R105	10K		R56	4700K 1W	
R55	270K		R106	1000K		R57	220K 5W	
R56	270K		R107	15K		R58	220K 5W	
R57	1000K		R108	10K		R59	50K 5W	
R58	47K		R109	100K		R60	2200K 1W	
R59	47K		R110	330K 1W		R61	140K 10W	
R60	180K		R111	2700K 1W		R62	15K	
R61	100K		R112	10K				
R62	2.2meg		R113	10meg				

Fisher Part No.

TA-600

FISHER MODEL

PARTS LIST AND DESCRIPTIONS (Continued)

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA						NOTES
		FISHER PART No.	Gramer PART No.	Meissner PART No.	Meritt PART No.	Miller PART No.	Ram PART No.	
L1	FM Ant. Coil	L50066-8	19-1000	19-1000	BC-561	4802		3.3uh
L2	FM Ant. Trans.	L726-124						1uh
L3	RF Choke	L50066-2			BC-561	4802		.56uh
L4	RF Choke	L50066-19			BC-561	4802		.56uh
L5	RF Choke	L50066-19			BC-561	4802		①
L6	RF Choke	L629-180			BC-561	4802		
L7	FM RF Coil	L726-128			BC-561	4802		
L8	FM Osc. Coil	L726-125			BC-561	4802		
L9	RF Choke	L50066-2			BC-561	4802		1uh
L10	RF Choke	L50066-3			BC-561	4802		1.2uh
L11	Cathode Choke	L50066-19			BC-561	4802		
L12	RF Choke	L50066-2			BC-561	4802		
L13	1st FM IF	ZZ2662-117	19-1000	19-1000	BC-561	4802		
L14	2nd FM IF	ZZ2387	16-3490	16-3490	BC-561	1463-PC		
L15	3rd FM IF	L670-146	16-3487	16-3487	FM-254	1463		
L16	Ratio Detector	ZZ592-170			BC-419			
L17	AM Ant. Coil	L721-139						
L18	Loopstick	L721-136						
L19	AM RF Trans.	L556-125						
L20	AM Osc. Coil	L50210-21						
L21	1st AM IF	ZZ50210-1	18-6758	18-6758	BC-353	12-C2		
L22	2nd AM IF	ZZ2984	19-1000	19-1000	BC-561	4802		
L23	10K Filter	L644-120						
L24	Filter Choke	L50066-3						

① 5 Turns of wire on 1000 resistor.

TRANSFORMER (POWER)

ITEM No.	RATING		REPLACEMENT DATA						NOTES
	PRI.	SEC.	FISHER PART No.	Holliderson PART No.	Meritt PART No.	Ram PART No.	Stancor PART No.	Thorderson PART No.	
T1	117V ④ 1.4A	720VCT ④.180A ④.060A	T720-115						
	SEC. 3 5V③3A	SEC. 4 6.3V ③ 3A							
	SEC. 6 6.3V ④ 2.8A	SEC. 5 6.3V ③ 2.8A							

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA						NOTES
	PRI.	SEC.	FISHER PART No.	Holliderson PART No.	Meritt PART No.	Ram PART No.	Stancor PART No.	Thorderson PART No.	
T2	7000Ω	160Ω tap CT ③ 80, 40	T720-116						
T3	7000Ω	160Ω tap CT ③ 80, 40	T720-116						

① Drill new mounting hole. Use 7000Ω primary.

FUSES

ITEM No.	TYPE	RATING	REPLACEMENT DATA					
			FISHER PART No.	HOLDER	FUSE	HOLDER	FUSE	HOLDER
M1	3AG	3 2/10A 125V	F3319	XI036	31303-2 (3AG 3 2/10A 125V)	342001	MDX 3 2/10	HXP

CRYSTAL DIODES

ITEM No.	ORIG. TYPE	REPLACEMENT DATA				NOTES
		FISHER PART No.	CBS PART No.	RAYTHEON PART No.	SYLVANIA PART No.	
M2	1N541	1N295	1N295	1N295	1N295	Ratio Detector (CLIP-IN)
M3	1N541	1N295	1N295	1N295	1N295	Ratio Detector (CLIP-IN)

MISCELLANEOUS

ITEM No.	PART NAME	FISHER PART No.	NOTES
M4	Tuning Cap.	C684-127	
M5	Tuning Cap.	C726-116	AM, 3 Gang (Ant. 10-505mmf, RF 10-503mmf, Osc. 7-138mmf)
M6	Switch	S720-154	FM, 2 Gang
M7	Switch	S720-151	Selector (Rotary Wafer Type)
M8	Switch	S50200-2	Monaural-Stereo (Rotary Wafer Type)
M9	Switch	S50200-2	AM Sharp-AM Broad (DPDT, Slide Type)
M10	Switch	S50200-2	Lo Filter-OH (DPDT, Slide Type)
M11	Switch	S50200-2	Hi Filter-OH (DPDT, Slide Type)
M12	Switch	S50200-2	Loudness Contour Off (DPDT, Slide Type)
M13	Switch	S50200-2	Tape-Monitor-Playback (DPDT, Slide Type)
			Phase Normal-Reverse (DPDT, Slide Type)

CABINETS & CABINET PARTS

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

NAME	PART NO.	DESCRIPTION
Knob	F50133-1	Tuning
Knob	F50154-1	Volume, Balance
Knob	F50153-1	Bass, Treble (Rear)
Knob	F50152	Bass, Treble, (Front)
Knob	F50133-2	Selector, Mono-Stereo
AM Dial Pointer	A720-159	
FM Dial Pointer	A720-158	
Dial Glass	N750-113	

WIRING DATA

General-use Unshielded Hook-up Wire Use BELDEN No. 8530 (Solid) Available in Ten Colors
8524 (Stranded) Available in Ten Colors
Power Cord Use BELDEN No. 1765-B (6 Ft. Length)
1725-K (7½ Ft. Length)