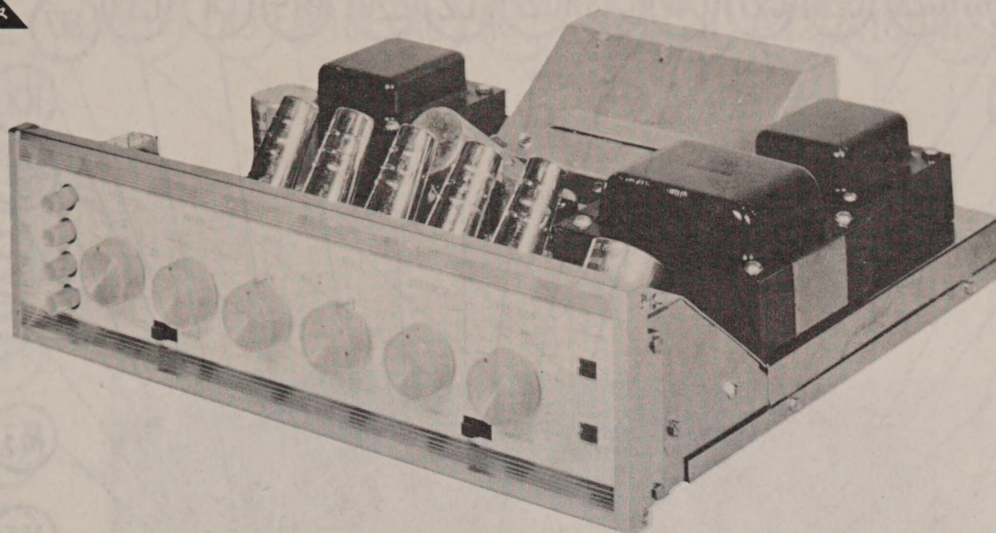
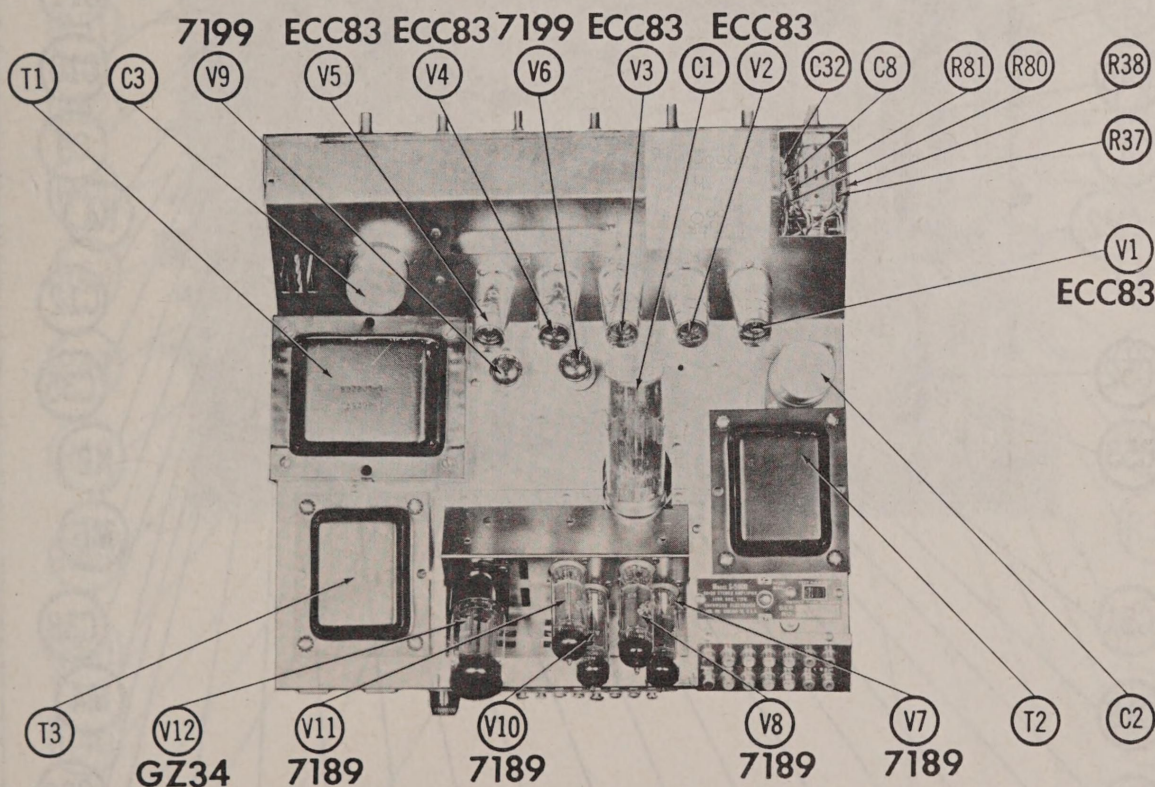


SHERWOOD
MODEL S-5000

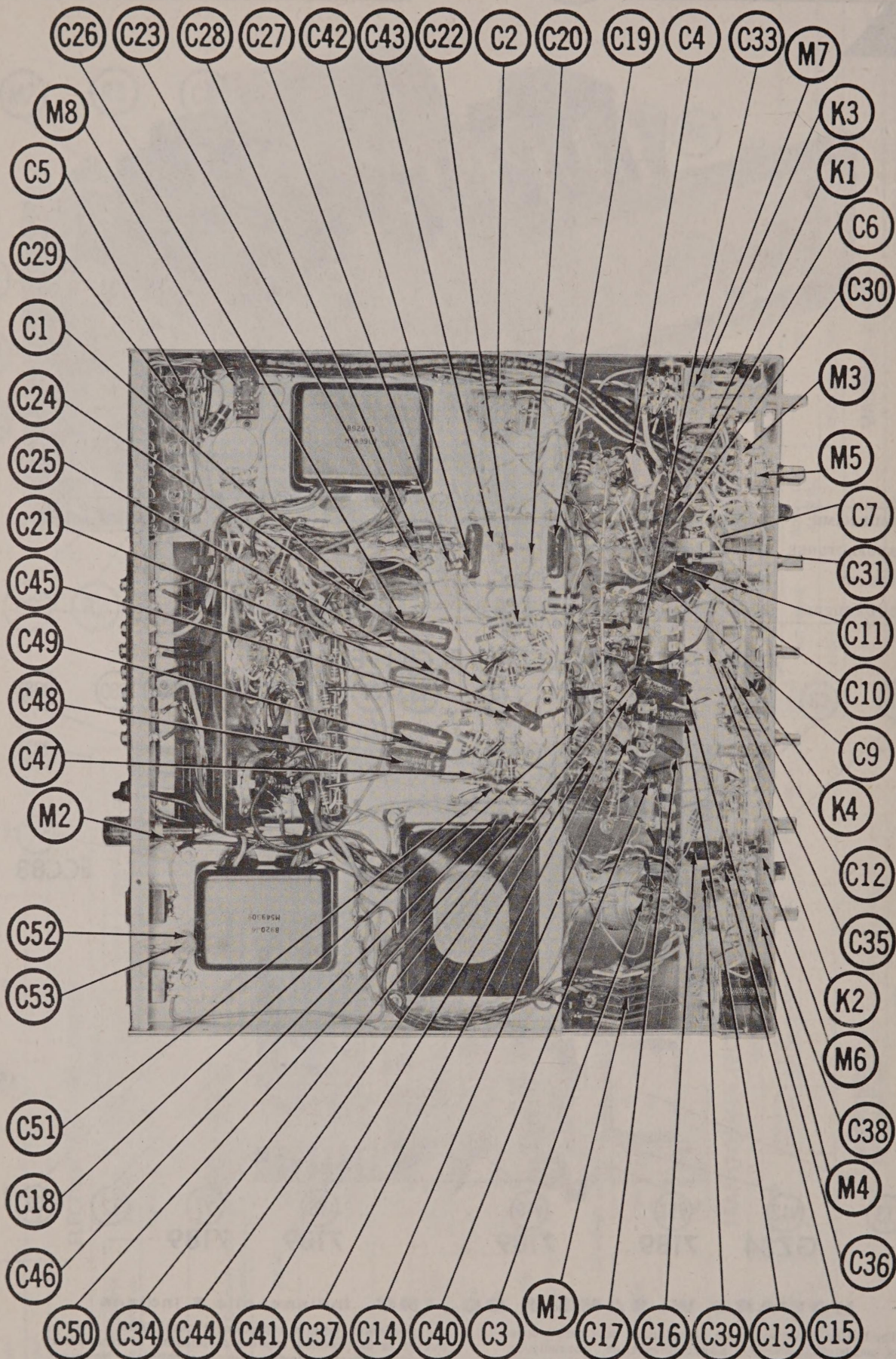
TRADE NAME	Sherwood Model S-5000		
MANUFACTURER	Sherwood Electronic Laboratories, Inc., 4300 N. California Ave., Chicago 18, Illinois		
TYPE SET	AC Operated 12 Tube Stereo Amplifier		
POWER SUPPLY	110-120 Volts AC, 60 Cycles	RATING	105 Watts, 1.05 Amp. @117 Volts AC

SHERWOOD
MODEL S-5000**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 JV493

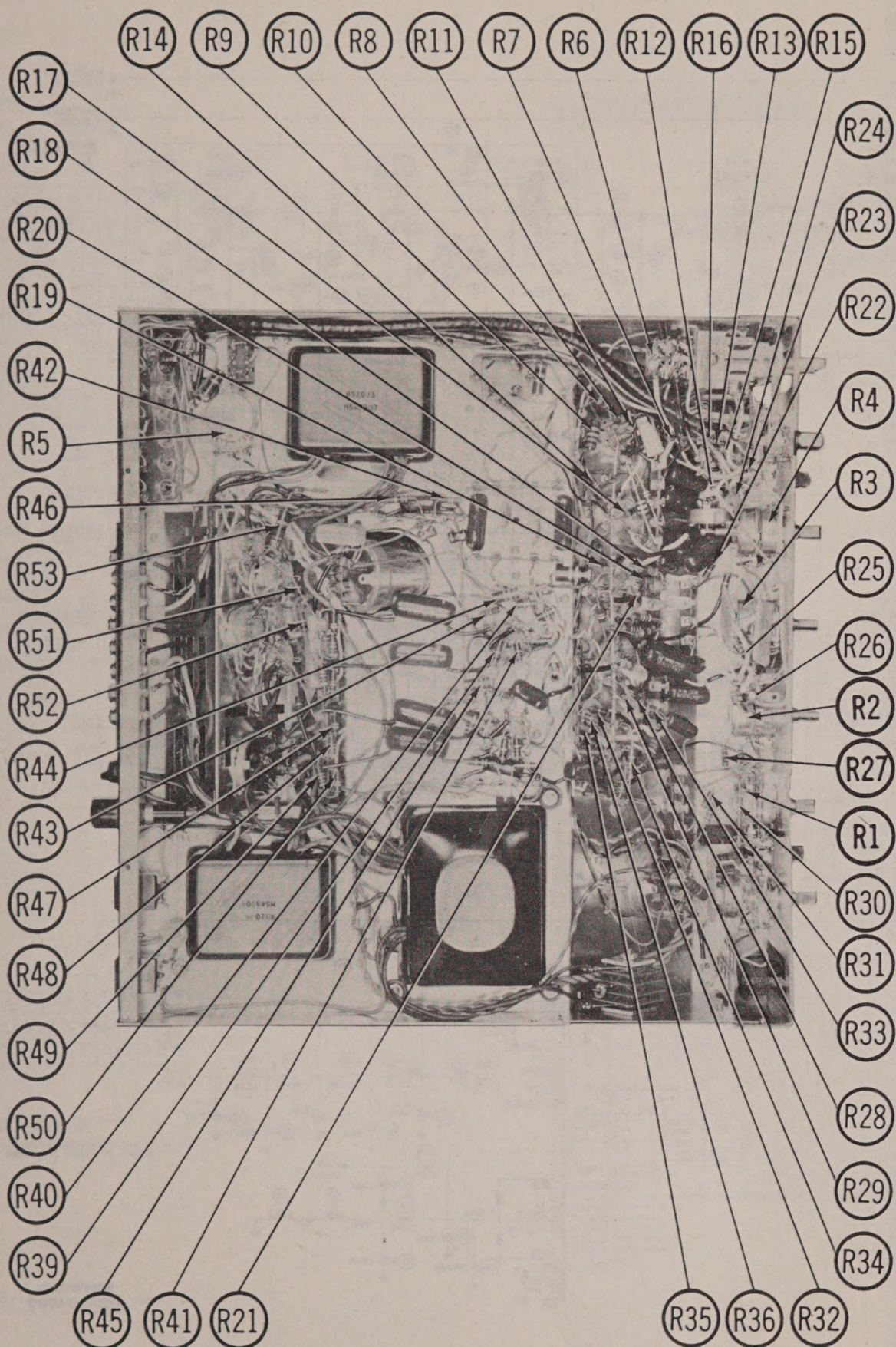
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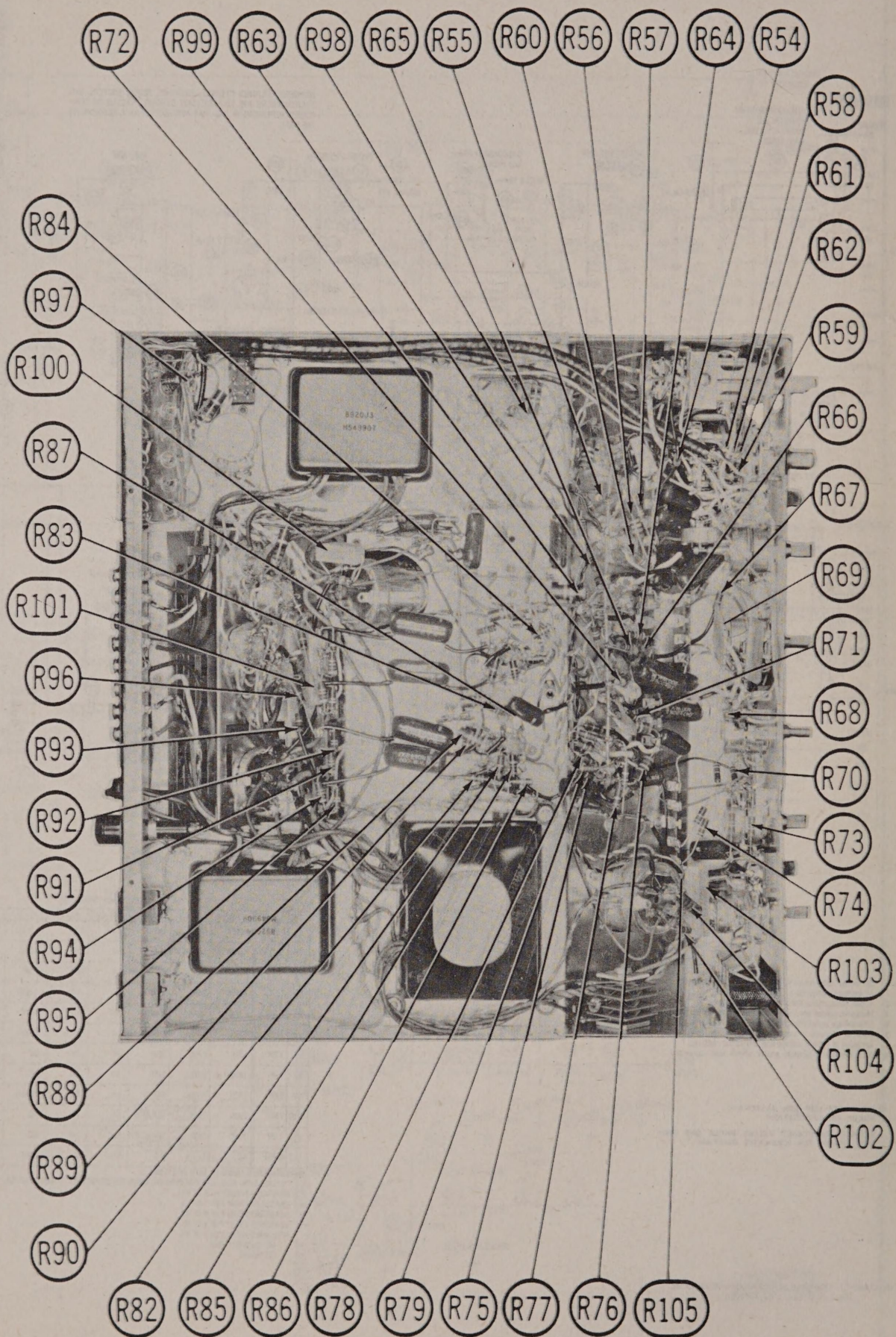


CHASSIS BOTTOM VIEW - CAPACITOR & MISC. IDENT.





CHASSIS BOTTOM VIEW-RESISTOR IDENTIFICATION



CHASSIS BOTTOM VIEW-RESISTOR IDENTIFICATION

PARTS LIST AND DESCRIPTIONS

TUBES

CBS			GENERAL ELECTRIC			RAYTHEON			SYLVANIA		
ITEM No.	USE	TYPE	ITEM No.	USE	TYPE	ITEM No.	USE	TYPE	ITEM No.	USE	TYPE
V1	Left Channel Phono Preamp	ECG83/12AX7	V6	Left Channel AF Amp. - Phase Inv.	7199						
V2	Right Channel Phono Preamp	ECG83/12AX7	V7	Left Channel Output	7189 (EL84, 6BQ5) *						
V3	Right Channel Phono Preamp	ECG83/12AX7	V8	Left Channel Output	7189 (EL84, 6BQ5) *						
V4	Left Channel AF Amp. - Right Channel AF Amp.	ECG83/12AX7	V9	Right Channel AF Amp. - Phase Inv.	7199						
V5	Left Channel AF Amp. - Right Channel AF Amp.	ECG83/12AX7	V10	Right Channel Output	7189 (EL84, 6BQ5) *						
			V11	Right Channel Output	7189 (EL84, 6BQ5) *						
			V12	Rectifier	GZ34 (5AR4) *						

* Alternate

ELECTROLYTIC CAPACITORS

REPLACEMENT DATA				REPLACEMENT DATA			
ITEM No.	RATING	SHERWOOD PART No.	MALLORY PART No.	PYRAMID PART No.	SPRAGUE PART No.	NOTES	
C1A	20 500	AFH3-54	FP288	TMD-62	TVLS-3966 *		
C2A	40 500	AFH3-37-95	TC83	TMD-20-500	TVLS-3686.3 *		
C3A	20 250		FP396.12	TMT-150	TVLS-3340 *		
C4	50 6	PWE6050	EC50-6	TT6X50	TE-1100		

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

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			REPLACEMENT DATA		
ITEM No.	REMARKS	TYPE	AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCOPART No.	MALLORY PART No.	SPRAGUE PART No.
C5	100 10%		1469-0001	TCZ-100	22R5T1	CM-20B-101K	MCB235	MS-310
C6	.047 400V		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C7	680 10%		DI-4680	DD-681	IR5T68	CCD-681	GP368	10TS-T68
C8	1500 10%		DI-1500	DD-152	PM6D15	CCD-152	GP215	10TS-D15
C9	.01 400V		P488N-01	D6-103	CUB4S1	4DP-1-103	GEM-411	4TM-S1
C10	.15 200V		P288N-15	TCZ-180	CUB2P15	2DP-3-154	GEM-2015	2TM-P15
C11	.15 200V		P288N-15	DD-503	22R5T18	2DP-3-154	GEM-2015	2TM-P15
C12	.180 10%		P488N-047	DD-503	CUB4S47	CM-20B-181K	CNO-318	4TM-S47
C13	.047 400V		BPD-05	DD-503	PM6S5	4DP-3-473	GEM-4147	4TM-S47
C14	50000		P488N-047	DD-503	PM6S5	4DP-3-473	GEM-4147	4TM-S47
C15	100 10%		P488N-047	DD-503	PM6S5	4DP-3-473	GEM-4147	4TM-S47
C16	.1 200V		P488N-047	DD-503	PM6S5	4DP-3-473	GEM-4147	4TM-S47
C17	.022 400V		P488N-047	DD-503	PM6S5	4DP-3-473	GEM-4147	4TM-S47
C18	2000 10%		P488N-047	DD-503	PM6S5	4DP-3-473	GEM-4147	4TM-S47
C19	.047 400V		P488N-047	DD-503	PM6S5	4DP-3-473	GEM-4147	4TM-S47
C20	1200 10%		P488N-047	DD-503	PM6S5	4DP-3-473	GEM-4147	4TM-S47
C21	.033 400V		P488N-047	DD-503	PM6S5	4DP-3-473	GEM-4147	4TM-S47
C22	27 NPO 10%		P488N-047	DD-503	PM6S5	4DP-3-473	GEM-4147	4TM-S47
C23	33 10%		P488N-047	DD-503	PM6S5	4DP-3-473	GEM-4147	4TM-S47
C24	15 NPO 10%		P488N-047	DD-503	PM6S5	4DP-3-473	GEM-4147	4TM-S47
C25	.068 600V 10%		P488N-047	DD-503	PM6S5	4DP-3-473	GEM-4147	4TM-S47
C26	.068 600V 10%		P488N-047	DD-503	PM6S5	4DP-3-473	GEM-4147	4TM-S47
C27	.068 600V 10%		P488N-047	DD-503	PM6S5	4DP-3-473	GEM-4147	4TM-S47
C28	.022 400V		P488N-047	DD-503	PM6S5	4DP-3-473	GEM-4147	4TM-S47

FIXED CAPACITORS (cont)

REPLACEMENT DATA			REPLACEMENT DATA			REPLACEMENT DATA		
ITEM No.	RATING	REMARKS	AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCOPART No.	MALLORY PART No.	SPRAGUE PART No.
C29	100 10%		1469-0001	TCZ-100	22R5T1	CM-20B-101K	MCB235	MS-310
C30	.047 400V		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C31	680 10%		DI-4680	DD-681	IR5T68	CCD-681	GP368	10TS-T68
C32	1500 10%		DI-1500	DD-152	PM6D15	CCD-152	GP215	10TS-D15
C33	.01 400V		P488N-01	D6-103	CUB4S1	4DP-1-103	GEM-411	4TM-S1
C34	.15 200V		P288N-15	TCZ-180	CUB2P15	2DP-3-154	GEM-2015	2TM-P15
C35	.180 10%		P288N-15	DD-503	22R5T18	2DP-3-154	GEM-2015	2TM-P15
C36	.047 400V		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C37	50000		BPD-05	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C38	100 10%		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C39	.1 200V		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C40	.022 400V		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C41	2200 10%		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C42	.047 400V		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C43	1200 10%		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C44	.033 400V		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C45	27 NPO 10%		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C46	33 10%		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C47	15 NPO 10%		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C48	.068 600V 10%		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C49	.068 600V 10%		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C50	68 5%		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C51	.022 400V		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C52	2000 1400V		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47
C53	2000 1400V		P488N-047	DD-503	CUB4S47	4DP-3-473	GEM-4147	4TM-S47

Note 1. Matched to 3%.

CONTROLS

REPLACEMENT DATA			REPLACEMENT DATA			REPLACEMENT DATA		
ITEM No.	RATING	REMARKS	SHERWOOD PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.	INSTALLATION NOTES
R1A	300K		A670J7					Loudness, Left Channel
B	40K Tap							Loudness, Right Channel
R2A	500K		A670J2					Treble, Left Channel
B	250K Tap							Treble, Right Channel
R3A	Imeg		A670J3					Bass, Left Channel
B	Imeg							Bass, Right Channel
R4A	500K		A671J1					Balance, Right Channel
B	500K							Balance, Left Channel
R5A	15K		A670J6					Hum, Balance, Left Channel
B	15K							Hum, Balance, Right Channel
R6A	500K		A670J4					Ph. Level, Left Channel
B	500K							Ph. Level, Right Channel

RESISTORS

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

REPLACEMENT DATA			REPLACEMENT DATA			REPLACEMENT DATA		
ITEM No.	RATING	REMARKS	SHERWOOD PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.	INSTALLATION NOTES
R7	47K							
R8	47K							
R9	270K 1W							
R10	150K							
R11	1500K							
R12	470K							
R13	100K							
R14	220K							
R15	56K							
R16	100K							
R17	2700K							
R18	470K							
R19	27K							
R20	680K							
R21	18K							
R22	1.5meg							
R23	470K							
R24	470K							
R25	470K							
R26	33K							
R27	3300K							

PARTS LIST AND DESCRIPTIONS (Continued)

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		SHERWOOD PART No.	Hallidorsen PART No.	REPLACEMENT DATA		Triad PART No.	NOTES
	PRI.	SEC.			Merit PART No.	Stancor PART No.		
T2	7800Ω	16Ω	B920J4					
	CT	Tap @						
	Screen	8Ω						
	Taps @	4Ω						
	800Ω							
	CT							
T3	7800Ω	16Ω	B920J4					
	CT	Taps @						
	Screen	8Ω, 4Ω						
	Taps @							
	800Ω							
	CT.							

RECTIFIERS

ITEM No.	RATING		SHERWOOD PART No.	INTERNATIONAL PART No.	ITT PART No.	SARKES TARZIAN PART No.	SYLVANIA PART No.	NOTES
	CURRENT (Measured)							
MI	.150A		①				① 2S33-2CNI-RV	① Selenium Type

FUSES

ITEM No.	TYPE	RATING	SHERWOOD PART No.		LITTELFUSE PART No.		BUSS PART No.	
			FUSE	HOLDER	FUSE	HOLDER	FUSE	HOLDER
M2	3AG	1.5A 125V S/B			31301.5 (3AG 1½A 125V)	342001	MDX 1½	HKP

MISCELLANEOUS

ITEM No.	PART NAME	SHERWOOD PART No.	NOTES
M3	Switch		Function
M4	Switch		Selector
M5	Switch		Normal-Monitor (DPDT, Slide Type)
M6	Switch		Loudness In-Loudness Out (DPDT, Slide Type)
M7A	Switch		Presence
B	Switch		Scratch Filter
C	Switch		Rumble
M8	Switch		Test-Normal (DPDT, Slide Type)

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)

RESISTORS (cont)

ITEM No.	RATING	REMARKS
R28	150K	
R29	2700Ω	
R30	150K	
R31	3300Ω	
R32	1meg	
R33	82K 1W	
R34	6800Ω	
R35	2200Ω	
R36	2700Ω	
R37	220K	
R38	220K	
R39	1meg	
R40	220K	
R41	1200Ω	
R42	15K	
R43	680K	Note 1
R44	47K 1W	Note 1
R45	47K 1W	Note 1
R46	68Ω	Note 1
R47	150K	Note 1
R48	47K	
R49	47K	
R50	150K	Note 1
R51	1000Ω	
R52	1000Ω	
R53	12Ω 1W	

Note 1. Identical values are matched to 3%.
 * Alternate value.

COMPONENT COMBINATIONS

ITEM No.	USE	DESCRIPTION	SHERWOOD PART No.	REPLACEMENT DATA
K1	Rumble Filter	270mmf, 390mmf, 470mmf, 6800mmf, 150K, 1meg, 10meg, 22meg	58-3276	
K2	Tone Compensation	3300mmf, 3300mmf, 50K, 150K, 470K	58-3275	
K3	Rumble Filter	270mmf, 390mmf, 470mmf, 6800mmf, 150K, 1meg, 10meg, 22meg	58-3276	
K4	Tone Compensation	3300mmf, 3300mmf, 50K, 150K, 470K	58-3275	

TRANSFORMER (POWER)

ITEM No.	RATING		SHERWOOD PART No.	Hallidorsen PART No.	REPLACEMENT DATA		Triad PART No.
	PRI.	SEC.			Merit PART No.	Stancor PART No.	
T1	117V @ 1.05A	SEC. 1 720 VCT 5V @ 2A	B922J3-3				
	SEC. 3 80 VCT @ .150A	SEC. 4 6.3 VCT @ 5.2A					