

PARTS LIST AND DESCRIPTIONS
TUBES

GENERAL ELECTRIC • RAYTHEON • SYLVANIA •			
ITEM No.	USE	TYPE	TYPE
V1	Channel A Output	50EH5	
V2	Channel B Output	50EH5	

ELECTROLYTIC CAPACITORS

ITEM No.	REPLACEMENT DATA				NOTES
	RATING	GOLDEN SHIELD PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	SPRAGUE PART No.
C1A	60	181-4031	PR4-200	TCT3119 TC45	TVA-4618
B	40				
C	20				
D	150				

FIXED CAPACITORS

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

ITEM No.	REPLACEMENT DATA				NOTES
	RATING	REMARKS	AEROVOX PART No.	CORNELL-DUBILIER PART No.	SPRAGUE PART No.
C2	.05 400V		P488N-05	DD-503 CUD485	GEM-415 4TM-S50

CONTROLS

ITEM No.	REPLACEMENT DATA				INSTALLATION NOTES
	RATING	GOLDEN SHIELD PART No.	CENTRALAB PART No.	CTS-IRC PART No.	MALLORY PART No.
R1A	500K	153-0211 ①	B-60	A47-500K-Z	Q13-133
B	500K		Not Req.	KSS-3	Not Req.
R2A	500K	153-0211	B-60	A47-500K-Z	Q13-133
B	500K		Not Req.	KSS-3	Not Req.

① Models 800, 601, 629 use Part #153-0233 (with switch).

RESISTORS

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

ITEM No.	REPLACEMENT DATA				REMARKS
	RATING	WORKMAN PART No.	IRC PART No.	RATING	WORKMAN PART No.
R3	33K			100Ω 1W	
R4	82Ω 1W			47Ω 2W	
R5	33K			33Ω	
R6	100Ω 1W			130Ω 4W	
R7	220Ω			PW5-130	5W-SQ-130

TRANSFORMER (AUDIO OUTPUT)

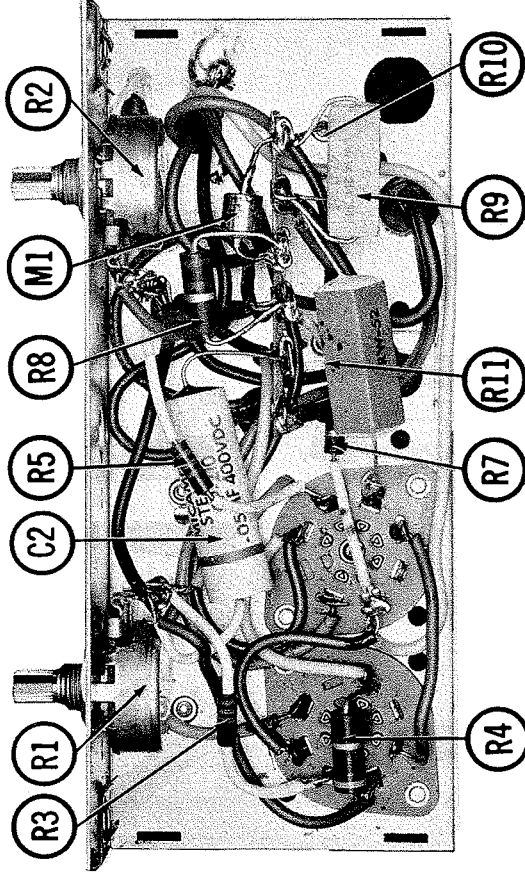
ITEM No.	REPLACEMENT DATA				NOTES
	IMPEDANCE	GOLDEN SHIELD PART No.	Merit PART No.	Stancor PART No.	Thordarson PART No.
T1	3-4Ω	143-0087 ①	A-3025 ②	A-3332 ②	S-12Z
T2	2500Ω	143-0087 ①	A-3025 ②	A-3332 ②	S-12Z

SPEAKER

ITEM No.	REPLACEMENT DATA				NOTES
	TYPE	GOLDEN SHIELD PART No.	QUAM PART No.	SP-401 *	
SP1	4" PM	3-4Ω	4A07	4A07	
SP2	4" PM	3-4Ω	4A07	4A07	

* Models 650, 651, 653, 657
† Models 600, 601, 629

CHASSIS—BOTTOM VIEW



POWER RECTIFIERS

ITEM No.	RATING	REPLACEMENT DATA				NOTES
		Golden Shield PART No.	RC PART No.	SARKES TAZIAN PART No.	SYLVANIA PART No.	
M1	.070A	517-0024	1N1763	2F4	SE200	

PHONO CARTRIDGE & NEEDLES

*NEEDLE LISTINGS SHOWN ARE FOR RESPECTIVE REPLACEMENT CARTRIDGES ONLY.

ITEM No.	RATING	REPLACEMENT DATA				NOTES
		Golden Shield PART No.	ASTATIC PART No.	ELECTRO-VOICE PART No.	SONOTONE PART No.	
M2	916-0020	902-0017* (1P)	76-TS-TB	96T	12TH-S	Models 650, 651, 653, 657
		902-0016* (78RPM)				
		902-0012* (1P)				
		902-0013* (78RPM)				

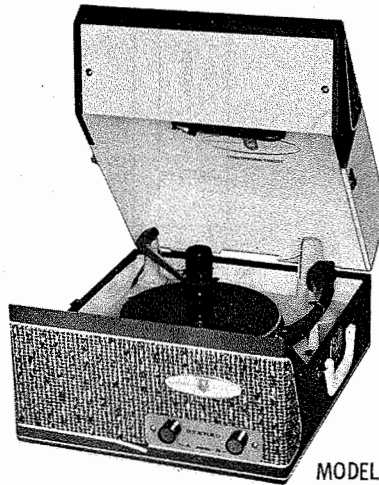
MISCELLANEOUS

ITEM No.	PART NAME	REPLACEMENT DATA		NOTES
		Golden Shield PART No.	SONOTONE PART No.	
M3	Motor Spindle	924-0018	12TH-S	3 Speed (Alliance) Models 600, 601, 624 only
		922-0019		45 RPM, Models 650, 651, 653, 657

WIRING DATA

General-use Unshielded Hook-up Wire		Use BELDEN No. 8530 (Solid) Available in Ten Colors
Power Cord		Use BELDEN No. 8524 (Stranded) Available in Ten Colors
Low-Loss Shielded Lead (Interconnecting)		Use BELDEN No. 1795-K (1/2 Ft. Length)
Phono Pick-up Arm Cable		Use BELDEN No. 8480 (Two Conductor - Twisted)

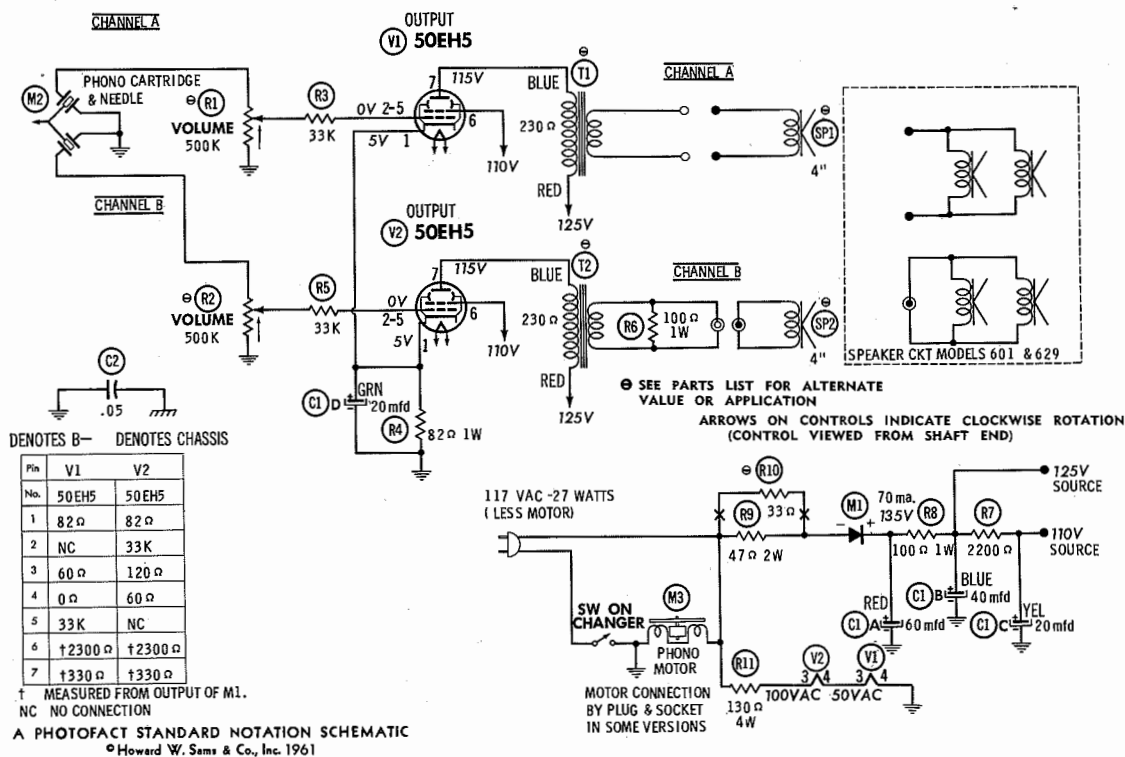
PHOTOFACT® Folder

GOLDEN SHIELD MODELS 600,
601, 629, 650, 651, 653, 657GOLDEN SHIELD MODELS 600,
601, 629, 650, 651, 653, 657

MODEL 657

TRADE NAME	Golden Shield Models 600, 601, 629, 650, 651, 653, 657
SUPPLIER	Golden Shield Corp., Service Dept., 700 Ellicott Street, Batavia, N. Y.
TYPE SET	AC Operated 2 Tube Stereo Phono Amplifier
POWER SUPPLY	110 - 120 Volts AC, 60 Cycles
RATING	27 Watts, .26 Amp. @117 Volts AC (Less Motor)

MODELS 600, 601, 629 HAVE 3 SPEED MANUAL RECORD PLAYER:
MODELS 650, 651, 653, 657 HAVE 4 SPEED AUTOMATIC RECORD CHANGER. - FOR SERVICE INFORMATION - SEE
SIMILAR MONARCH UA12 - PHOTOFACT SET 465 FOLDER 6



HOWARD W. SAMS & CO., INC. Indianapolis 6, Indiana

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GOLDEN SHIELD MODELS 600,
601, 629, 650, 651, 653, 657