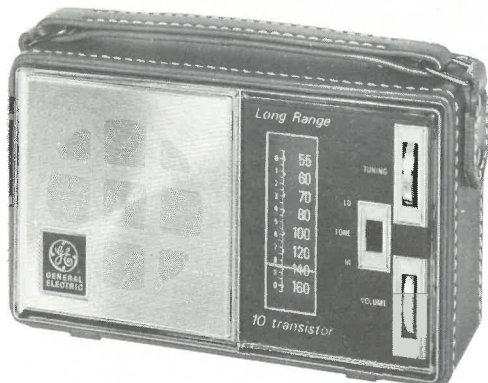


PHOTOFACT[®] with

CIRCUITRACE[®]



TRADE NAME : General Electric Model P920A
 SUPPLIER : For Current Address, see Master Index
 TYPE SET : 10-Transistor AM Receiver
 POWER SUPPLY : 6 Volts DC
 RATING : 12MA @ 6VDC (No Signal, Min. Volume)
 25MA @ 6VDC (Signal, Normal Volume)
 TUNING RANGE: BROADCAST 540 — 1620KC

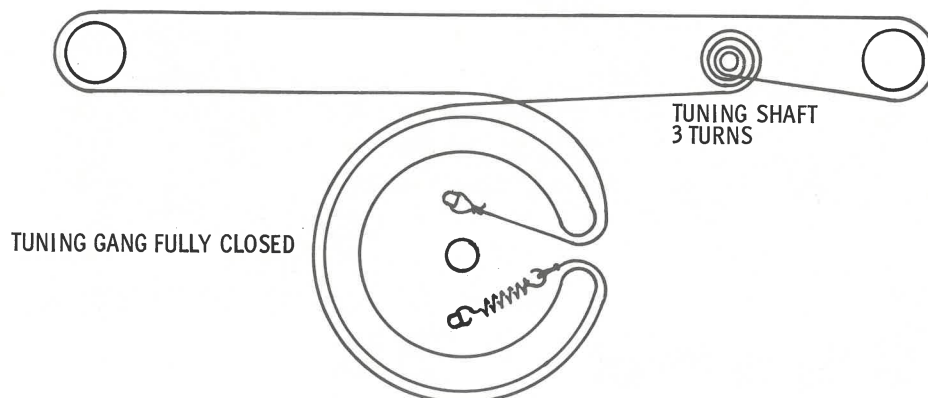
ALIGNMENT INSTRUCTIONS

Check for specified source voltage. Set Volume control at maximum.
 Fashion loop of several turns of wire and connect generator across loop.
 Adjust output of generator to radiate only enough signal into receiver to obtain a suitable indication.
 Suggested Alignment Tools:

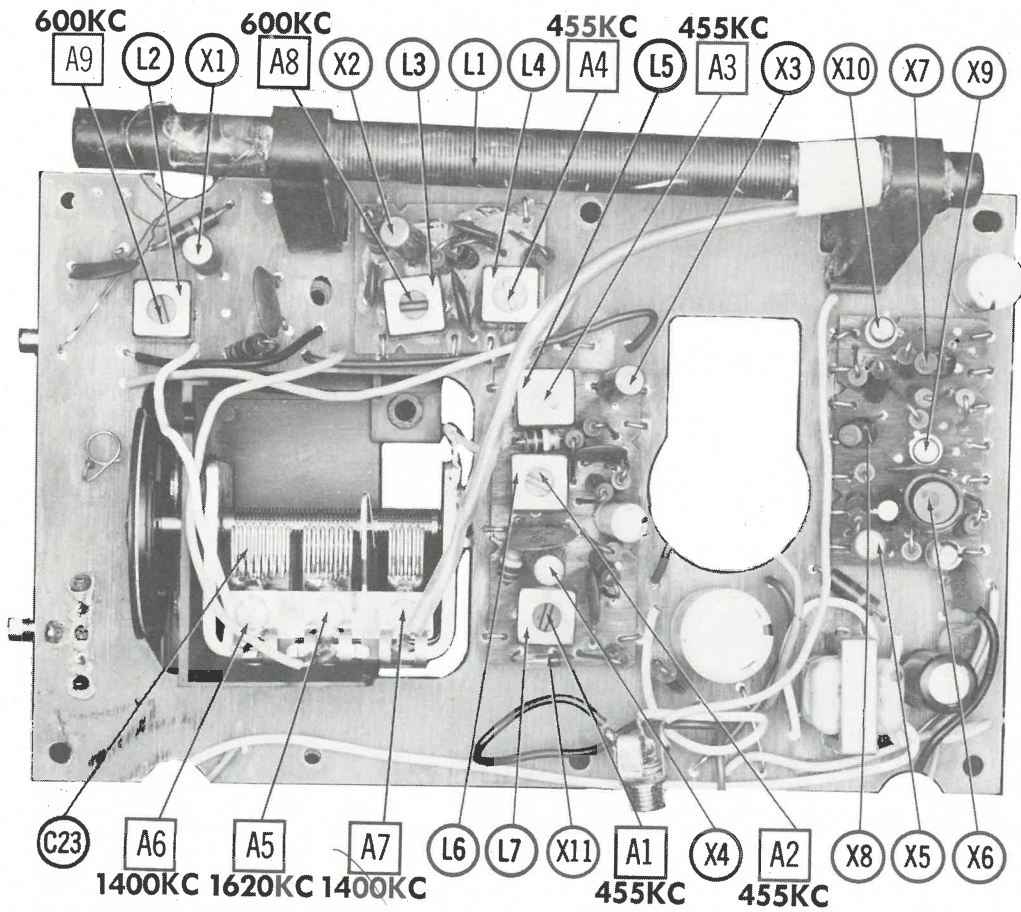
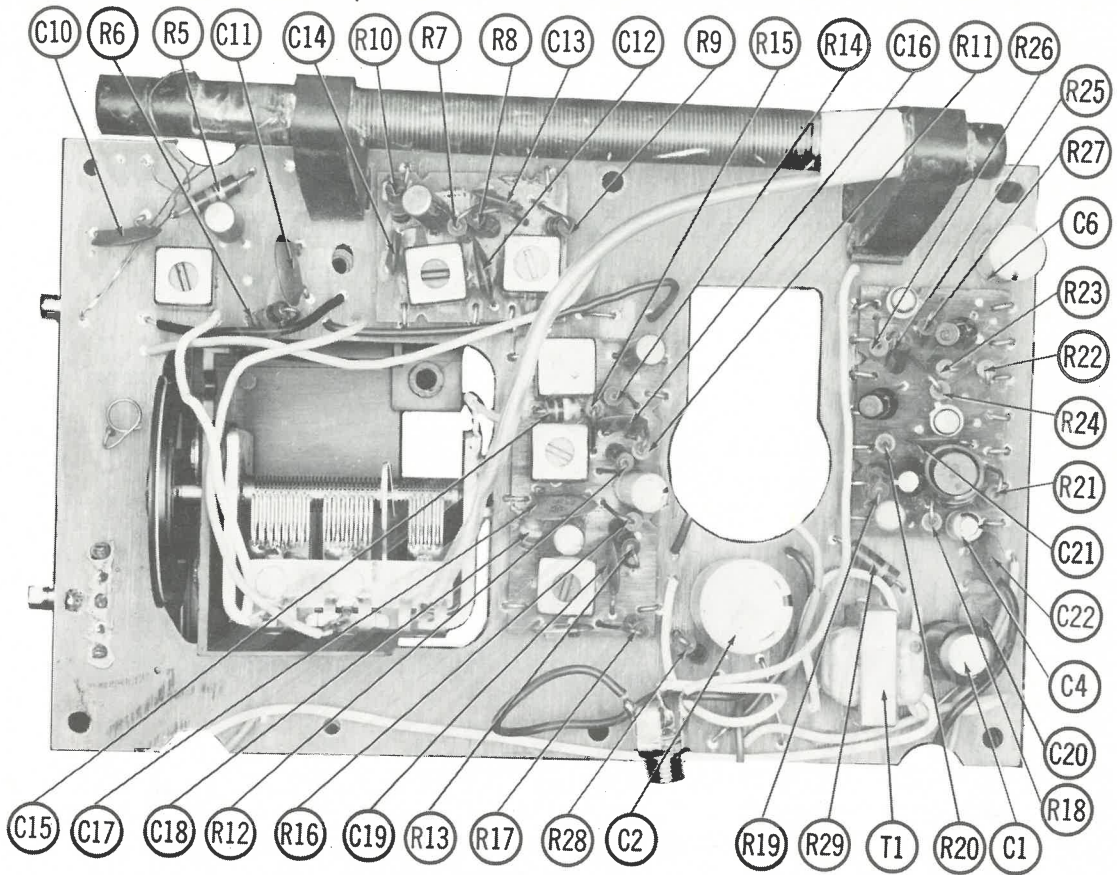
A1 thru A4, A8, A9....GENERAL CEMENT #9087.....WALSCO #2528
 A5, A6, A7.....GENERAL CEMENT #8868, 9089.....WALSCO #2541, 2587

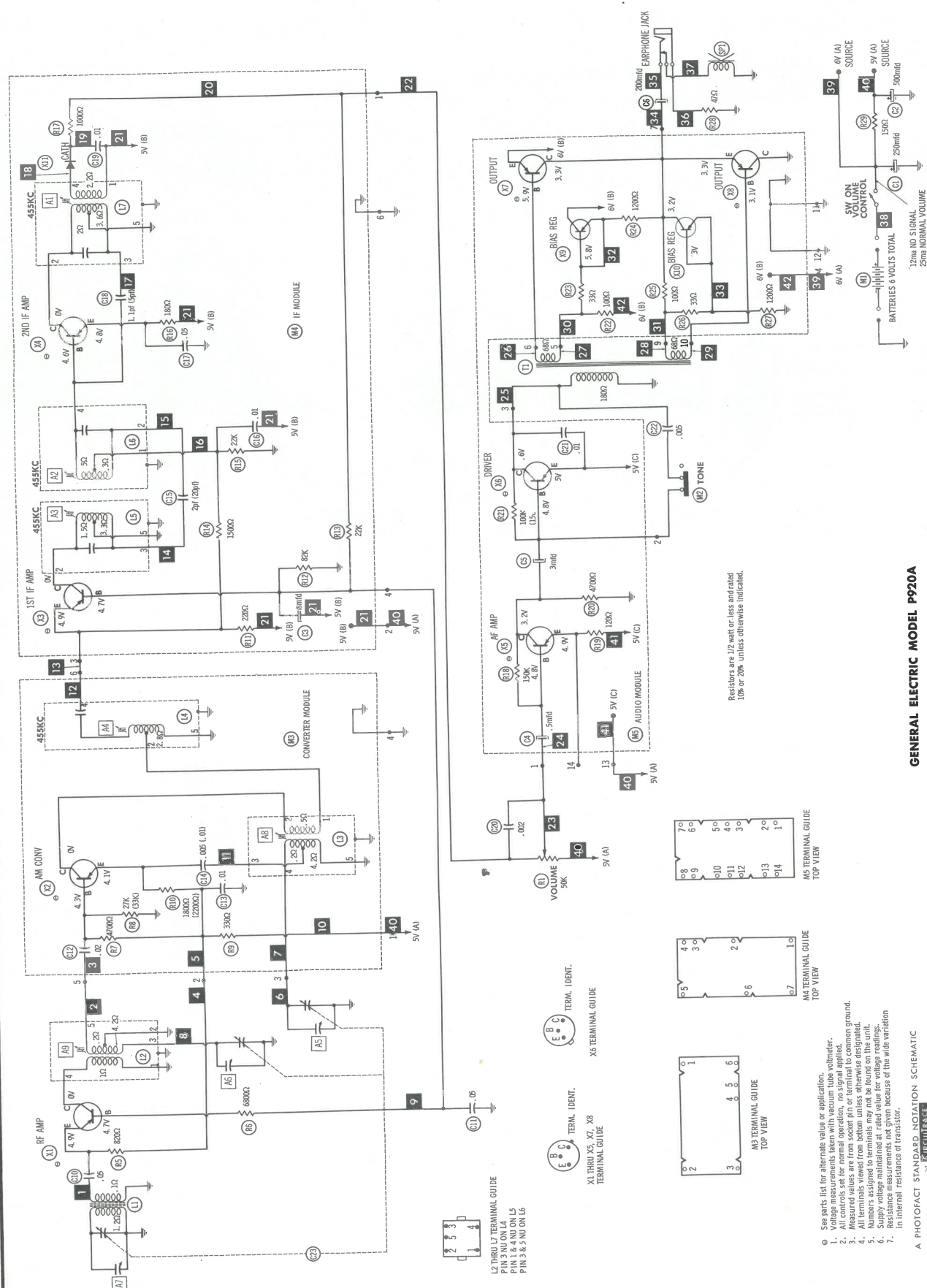
	GENERATOR FREQUENCY	DIAL SETTING	INDICATOR	ADJUST	REMARKS
1.	455KC (400% Mod.)	Tuning gang fully open.	Output Meter across Voice coll.	A1, A2, A3, A4	Adjust for maximum. Repeat until no further improvement can be made.
2.	1620KC	"	"	A5	Adjust for maximum.
3.	1400KC	Tune to signal.	"	A6, A7	Adjust for maximum.
4.	600KC	"	"	A8, A9	Rock tuning gang and adjust for maxi- mum. Repeat steps 2 thru 4 until no further improvement can be made.

DIAL CORD STRINGING



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

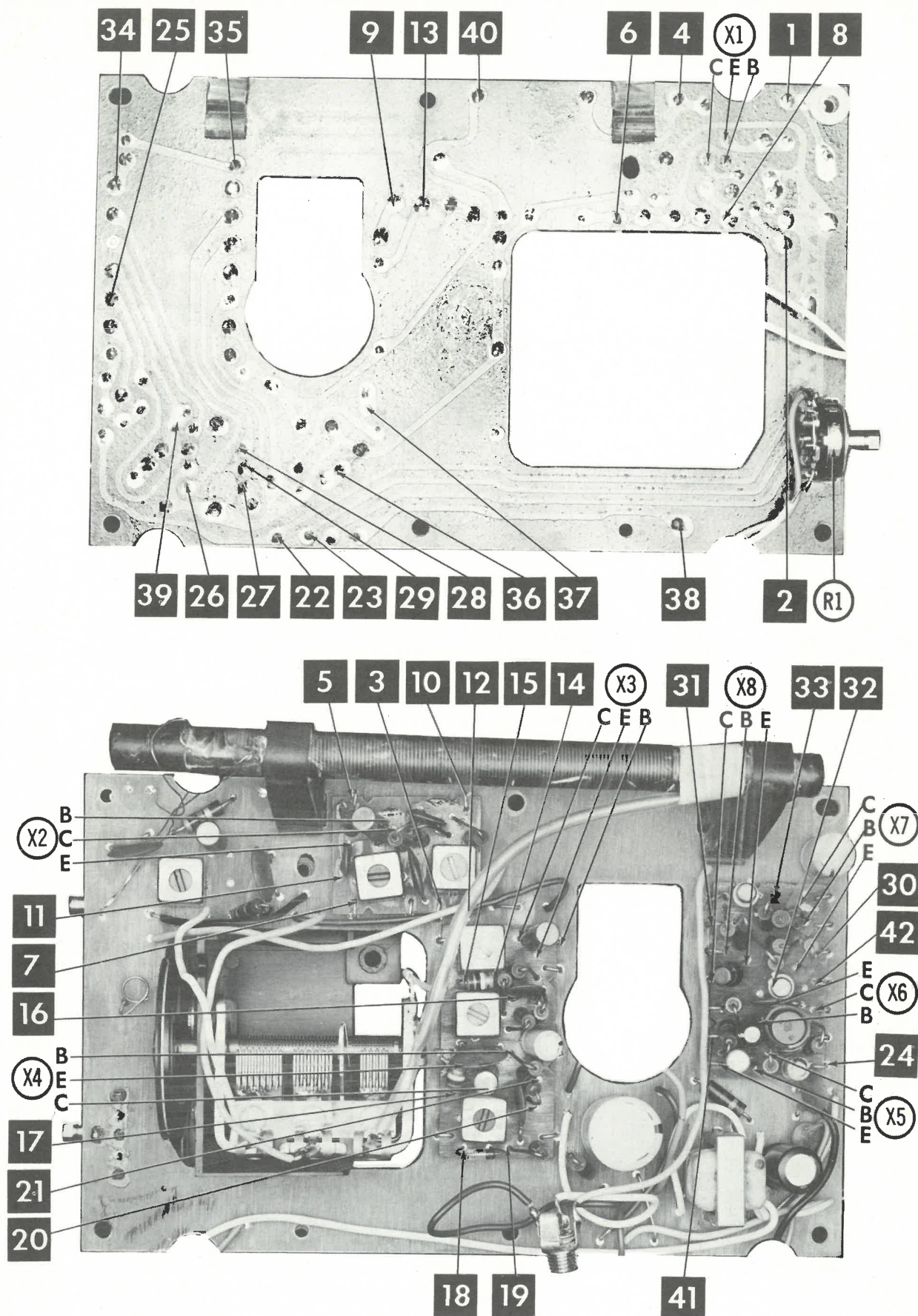




GENERAL ELECTRIC MODEL P920A

A PHOTOFACT STANDARD NOTATION SCHEMATIC
with **CIRCUITRAE**
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PARTS LIST AND DESCRIPTION

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA					
		G. E. PART No.	MEISSNER PART No.	MERIT PART No.	MILLER PART No.	STANCOR PART No.	WORKMAN PART No.
L1	Loopstick	RS-6420					
L2	RF	RS-3333					
L3	Osc.	①					
L4	1st IF	②					
L5	2nd IF pri.	③					
L6	2nd IF Sec.	④					
L7	3rd IF	⑤					

- ① Part of M3 #RS-5816
 ② Part of M4 #RS-5817
 ③ Pins 1 & 4 Not used.

TRANSFORMER (DRIVER)

ITEM No.	TURNS	REPLACEMENT DATA				NOTES
		RATIO	G. E. PART No.	MERIT PART No.	STANCOR PART No.	
T1	1	1	RS-4488			
	2	1				
	3	1				

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		G. E. PART No.	QUAM PART No.	
SP1	3 1/2" PM 10-12Ω	RB-1578	3A05	

BATTERIES

ITEM No.	VOLTAGE	G. E. PART No.	REPLACEMENT DATA		NOTES
			BURGESS	EVEREADY	
M1	6V		930 or AL9 or Hg9	1015 or E91 or E9	M15R or Mnl5000 or ZM9

MISCELLANEOUS

ITEM No.	PART NAME	G. E. PART No.	NOTES
M2	Switch, Tone	RS-6415	
M3	Module, Converter	RS-5816	
M4	Module, IF	RS-5817	
M5	Module, Audio	RS-5810	

CABINETS & CABINET PARTS

(When Ordering Specify Model, Chassis & Color)

ITEM		PART No.	ITEM	PART No.
Cabinet, Front		RB-1620	Knob, Tuning	
Cabinet, Back		RB-1621	Knob, Volume	
			PART No.	
			RS-6410	
			RS-6411	

WIRING DATA

General-use Unshielded Hook-up Wire		Use BELDEN No. 8530 (Solid 22AWG)	Available In
		8524 (Stranded 22AWG)	12 Colors
		8570 (Stranded 20AWG)	

TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.	
X1	RF Amp.		DS-25	GE-1	SK-3005	PNP
X2	Conv.		DS-25	GE-1	SK-3005	PNP
X3	1st IF Amp.		DS-25	GE-1	SK-3005	PNP
X4	2nd IF Amp.		DS-25	GE-1	SK-3005	PNP
X5	AF Amp.		DS-26	GE-2	SK-3004	PNP
X6	Driver		DS-26	GE-2	SK-3004	PNP
X7	Output		DS-26	GE-2	SK-3004	PNP
X8	Output		DS-26	GE-2	SK-3004	PNP
X9	Bias Reg.		DS-26	GE-2	SK-3004	PNP
X10	Bias Reg.		DS-26	GE-2	SK-3004	PNP

POWER RECTIFIERS & SIGNAL DIODES

ITEM No.	MEASURED CURRENT	ORIGINAL Part or Type No.	RECTIFIERS			DIODES
			GENERAL ELECTRIC PART No.	MALLORY PART No.	RCA PART No.	
X11					SARKES TARZIAN PART No.	GENERAL ELECTRIC PART No.
						1N34AS

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	CAP.	VOLT.	G. E. PART No.	REPLACEMENT DATA		
					AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.
C1	250	6		RS-4533	CRE333A	NLW250-6	MT1-24
C2	500	6		RS-4480	PR51120		
C3	8	15			CRE456A	NLW8-25	MT1-5
C4	.5	10			CRE400A	NLW1-50	MT1-1
C5	3	12			CRE402A	NLW3-15	MT1-3
C6	200	3		RS-4527	BCD3200	NLW200-3	MT1-22
							TE-1105
							TE-1154
							TE-1120
							TE-1122
							VL-1059

CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA				
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELWENCO PART No.	MALLORY PART No.
C10	.05		TTD-05	CK-503	HOV101ZV503Z		TA150
C11	.05		TTD-05	CK-503	HOV101ZV503Z		TA150
C12	.02		TTD-02	CK-203	HOV101ZV203Z		TA120
C13	.01		TTD-01	CK-103	HOV101ZV103Z		TA110
C14	.005		TTD-005	CK-502	HOV101ZV502Z		TA250
C15	2	(.01) † (20) †	NPO-DI 2.2	DTZ-2R2	CZ601CJ2R2D	CCD-2R2	CNO522
C16	.01		TTD-01	CK-103	HOV101ZV103Z		TA110
C17	.05		TTD-05	CK-503	HOV101ZV503Z		TA150
C18	1.1	(5) †	NPO-DI 1.0	TCZ-1	HOV101ZV103Z		CNO510
C19	.01		TTD-01	CK-103	HOV101ZV103Z		TA110
C20	.002		TTD-01	DM-202	BYG601ZU202F		TA110
C21	.01		TTD-01	CK-103	HOV101ZV103Z		TA110
C22	.005		TTD-005	CK-502	HOV101ZV502Z		TA250
C23		#RS-6419					

† Alternate Value

G. E. Part Number.

CONTROLS

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

ITEM No.	USE	RESISTANCE	REPLACEMENT DATA		
			G. E. PART No.	CENTRALAB PART No.	MALLORY PART No.
R1	Volume & Switch	50K	RS-6421		

WIRING DATA

General-use Unshielded Hook-up Wire		Use BELDEN No. 8530 (Solid 22AWG)	Available In
		8524 (Stranded 22AWG)	12 Colors
		8570 (Stranded 20AWG)	