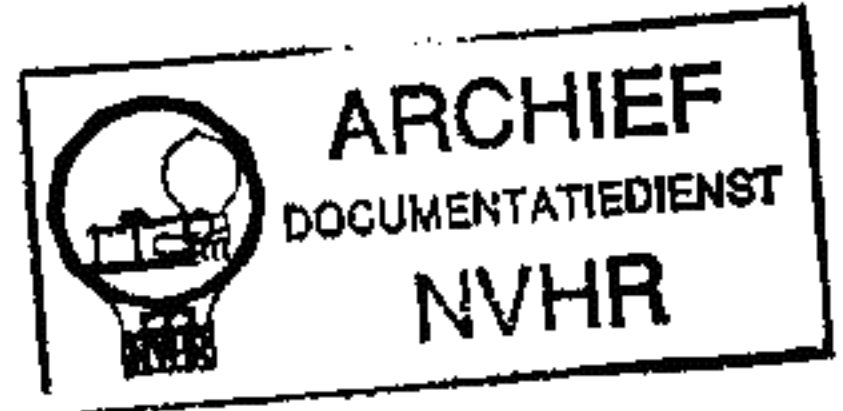




PHOTOFACT®

Met dank aan Jef Bos



TRADE NAME: General Electric Model P845A
 SUPPLIER: General Electric Company
 Product Service, Radio Receiver Dept.
 1001 Broad Street, Utica, N. Y.
 TYPE SET: 8 Transistor AM Receiver
 POWER SUPPLY: 6 Volts DC
 RATING: 32MA@6VDC (No Signal, Min. Volume)
 42MA@6VDC (Signal, Normal Volume)
 TUNING RANGE: BROADCAST 540 - 1630KC



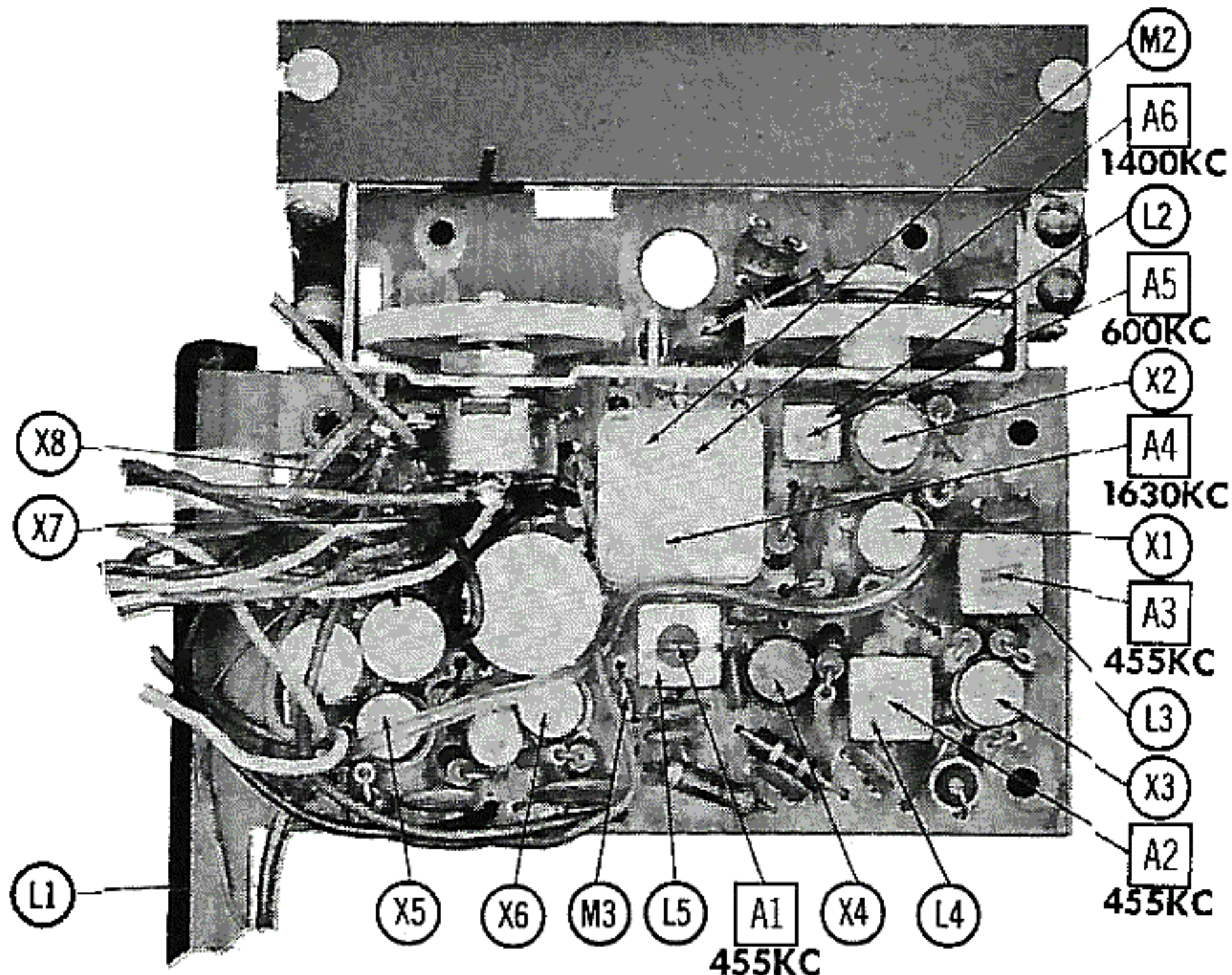
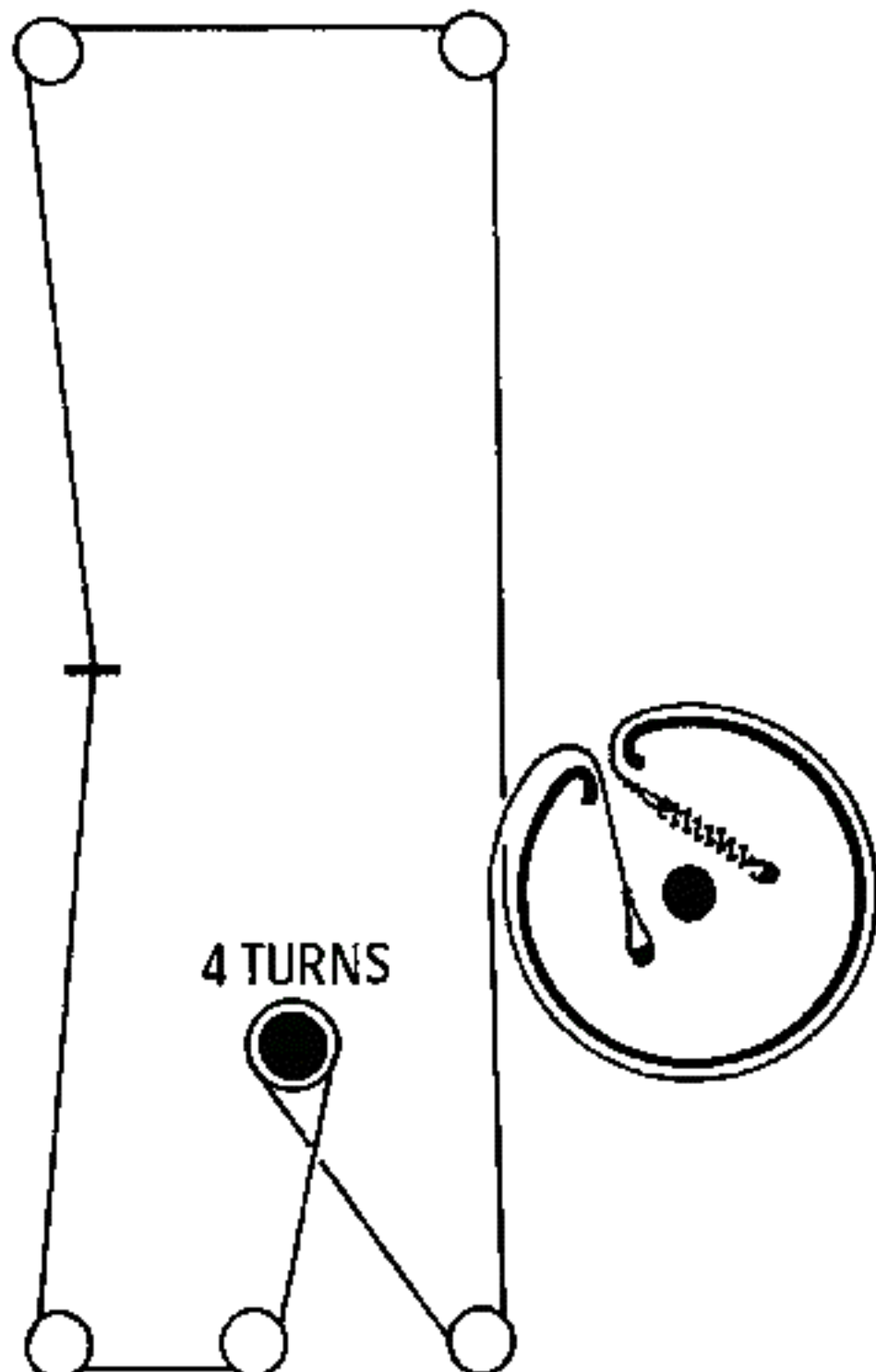
ALIGNMENT INSTRUCTIONS

Check for specified source voltage.
 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:

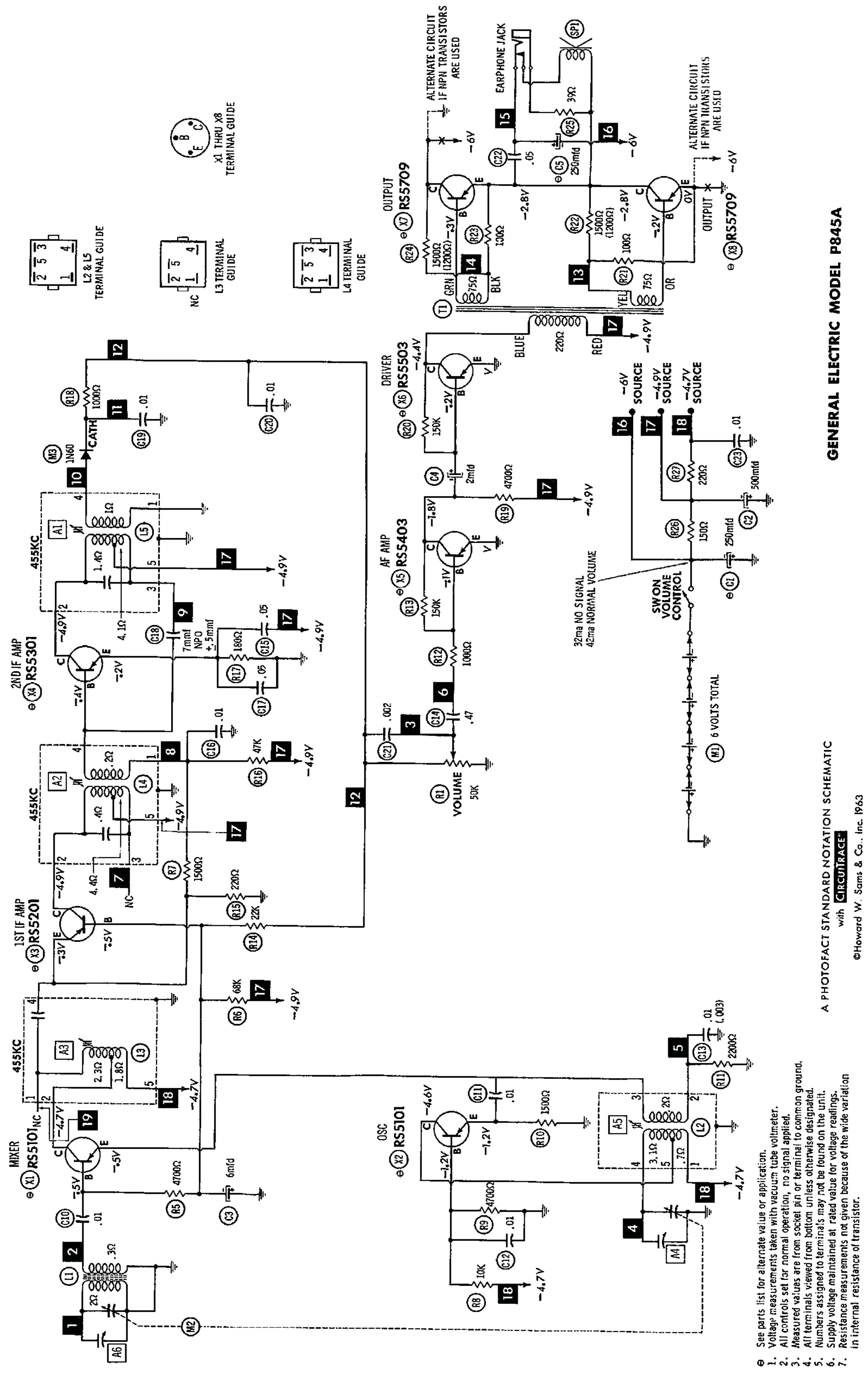
A1, A2, A3, A4, A5, A6..... GENERAL CEMENT #5000, 5066, 8290
 WALSCO #2512, 2525, 2528

	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
1.	455KC (400% Mod.)	Tuning gang fully open.	Output Meter across voice coll.	A1, A2, A3	Adjust for maximum. Repeat as required.
2.	1630KC	"	"	A4	Adjust for maximum.
3.	600KC	Tune to Signal.	"	A5	Rock tuning gang and adjust for maximum. Repeat steps 2 and 3.
4.	1400KC	"	"	A6	Adjust for maximum.

DIAL CORD STRINGING



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

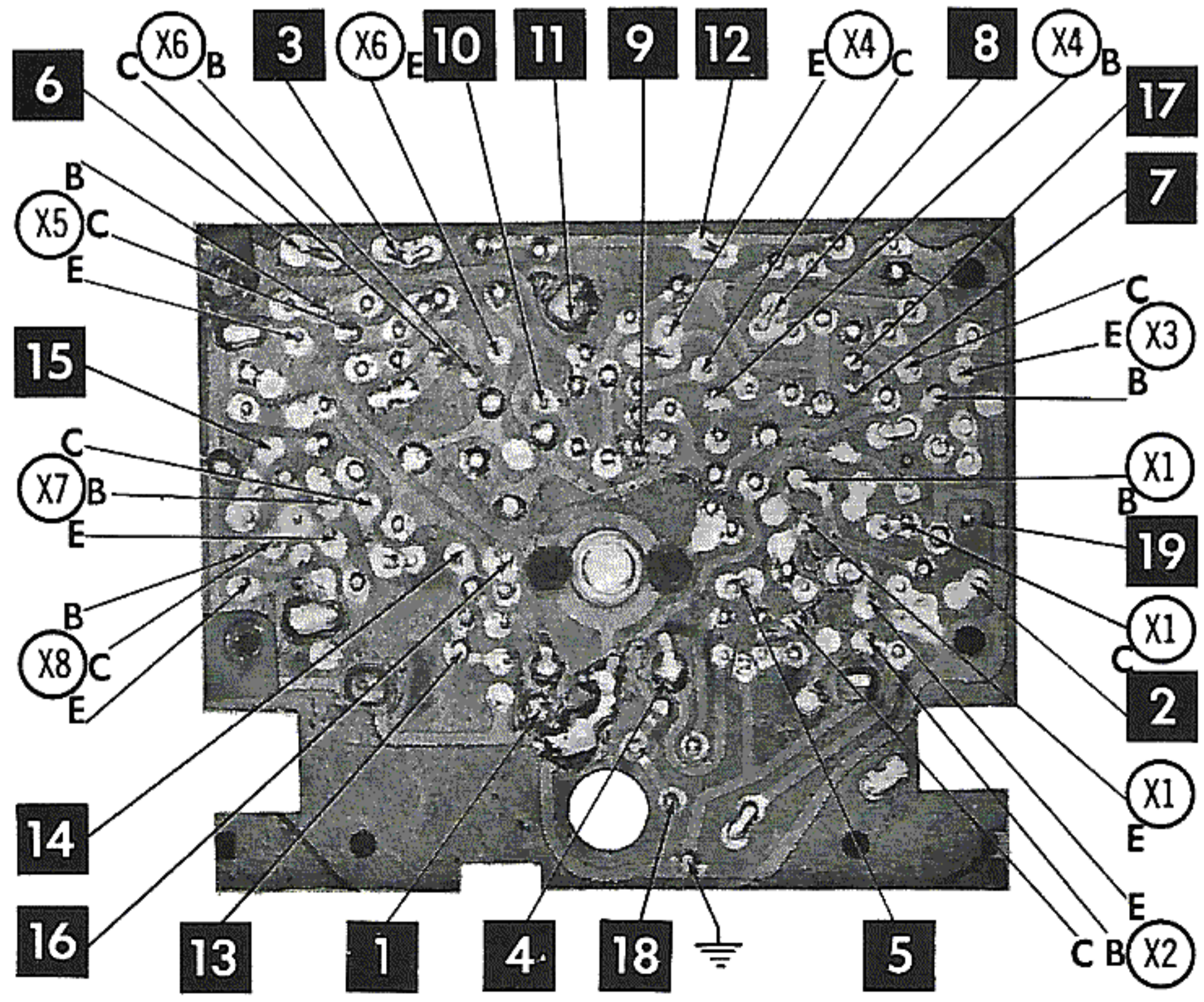
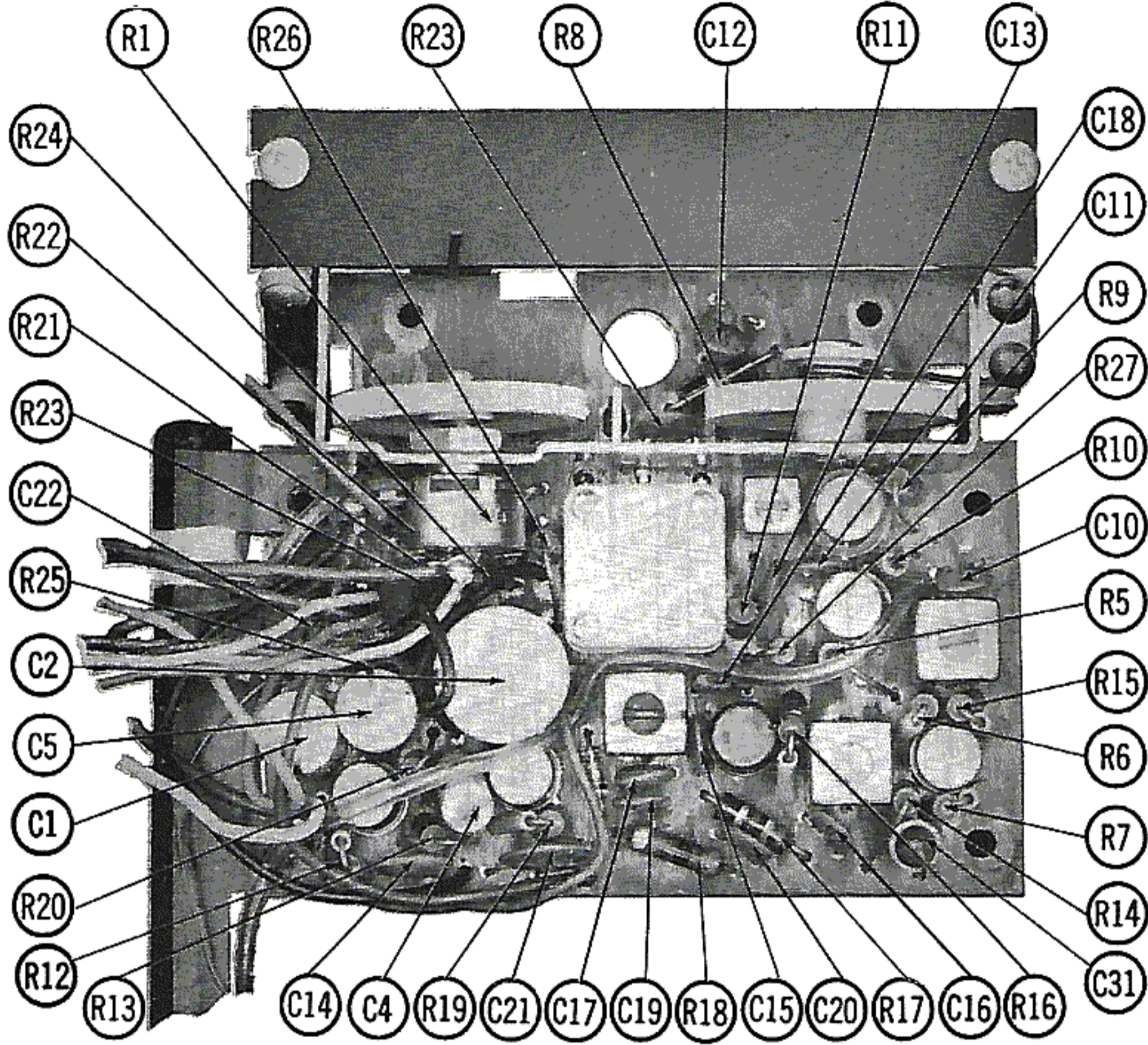


A PHOTOFACT STANDARD NOTATION SCHEMATIC with CIRCUITRACE

©Howard W. Sams & Co., Inc. 1963

- 1. See parts list for alternate value or application.
- 2. Voltage measurements taken with vacuum tube voltmeter.
- 3. All controls set for normal operation, no signal applied.
- 4. Measured values are from socket pin or terminal to common ground.
- 5. All terminals viewed from bottom unless otherwise designated.
- 6. Numbers assigned to terminals may not be found on the unit.
- 7. Supply voltage maintained at rated value for voltage readings.
- 8. Resistance measurements not given because of the wide variation in internal resistance of transistor.

GENERAL ELECTRIC MODEL P845A



TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES	G. E. PART No.
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.		
X1		Mixer	DS-25	GE-1		PNP	RS-5101 ①
X2		Osc.	DS-25	GE-1		PNP	RS-5101 ②
X3		1st IF Amp.	DS-25	GE-1		PNP	RS-5201 ③
X4		2nd IF Amp.	DS-25	GE-1		PNP	RS-5301 ④
X5		AF Amp.	DS-26	GE-2	2N406	PNP	RS-5403 ⑤
X6		Driver	DS-26	GE-2	2N406	PNP	RS-5503 ⑥
X7		Output	DS-26	GE-2	2N406	PNP	RS-5709 ⑦
X8		Output	DS-26	GE-2	2N406	PNP	RS-5709 ⑦

① Alternate Part #RS-2683, RS-3277

② Alternate RS-5102, RS-5103, RS-3277

③ Alternate Part #RS-2684, RS-3278

④ Alternate Part #RS-2685, RS-3279

⑤ Alternate Part #RS-3286

⑥ Alternate Part #RS-2675

⑦ Alternate Part #RS-2301, RS-3282, 2N1059-NPN

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA						
	CAP.	VOLT.	G. E. PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	GENERAL INSTRUMENT PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	250	6	Note 1	BCD6200		MT1-24			
C2	500	6	RS-3961						
C3	6	15	RS-3958	CRE455A	NLW8-15	MT1-5	BL1142	TT25X6	TE-1153
C4	2	25	RS-3960	PTT75	NLW2-50	MT1-1	BL1160	TT50X2	TE-1201
C5	250	6	Note 1			MT1-24			

Note 1. C1 and C5 may be combined in one dual unit.

FIXED CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA						
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCO PART No.	MALLORY PART No.	SPRAGUE PART No.	
C10	.01	(.003) †	TTD-01	CK-103	H2		TA-110	TG-S10	
C11	.01		TTD-01	CK-103	H2		TA-110	TG-S10	
C12	.01		TTD-01	CK-103	H2		TA-110	TG-S10	
C13	.01		TTD-01	CK-103	H2		TA-110	TG-S10	
C14	.47 3V		UK10-404	HCC10474Z				HY-330	
C15	.05		TTD-05	CK-503	H5		TA-150	TG-S50	
C16	.01		TTD-01	CK-103	H2		TA-110	TG-S10	
C17	.05		TTD-05	CK-503	H5		TA-150	TG-S50	
C18	7 NPO		NPO-DI 6.8	DTZ-6R8	C10V7C		CCTO-6R8	CNO-568	10TCC-V68
C19	.01		TTD-01	CK-103	H2		TA-110	TG-S10	
C20	.01		TTD-01	CK-103	H2		TA-110	TG-S10	
C21	.002		DM-202						
C22	.05		TTD-05	CK-503	H5		TA-150	TG-S50	
C23	.01		TTD-01	CK-103	H2		TA-110	TG-S10	

† Alternate Value.

CONTROLS

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

ITEM No.	USE	RESISTANCE	REPLACEMENT DATA				
			G. E. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
R1	Volume & Switch	50K	RS-4432 (868B574-1)				

D DESCRIPTION

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA					NOTES
		G. E. PART No.	MERIT PART No.	MILLER PART No.	STANCOR PART No.	WORKMAN PART No.	
L1	Loopstick Osc. 1st IF 2nd IF 3rd IF	RS-4128					
L2		RS-3956					
L3		RS-2977					
L4		RS-3567	BC-575	2067		RTC-9267	
L5		RS-2979	BC-576	2068		RTC-9268	

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO		REPLACEMENT DATA					NOTES
			G. E. PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
	PRI.	SEC.1						
T1	2	1	RS-3957					
		SEC.2						
		1						

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		G. E. PART No.	QUAM PART No.	
SP1	3 1/2" PM 10-12Ω	RB-1299	3A05RZ12	

BATTERIES

ITEM No.	VOLTAGE	G. E. PART No.	REPLACEMENT DATA			NOTES
			BURGESS	EVEREADY	MALLORY	
M1	6V		930 (or AL-9, Hg-9)	1015 (or E91, E9)	M-15R (or MN1500, ZM-9)	4 Required

MISCELLANEOUS

ITEM No.	PART NAME	G. E. PART No.	NOTES
M2	Tuning Cap. Detector (1N60)	RS-4128	
M3		RS-1811	

CABINETS & CABINET PARTS

(When Ordering Specify Model, Chassis & Color)

ITEM	PART No.	ITEM	PART No.
Knob - Tuning	RS-4377	Cabinet Front	RB-1333
Knob - Volume	RS-4431	Cabinet Rear	RB-1334

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid 22AWG)	Available
	8524 (Stranded 22AWG)	in
	8570 (Stranded 26AWG)	12 Colors