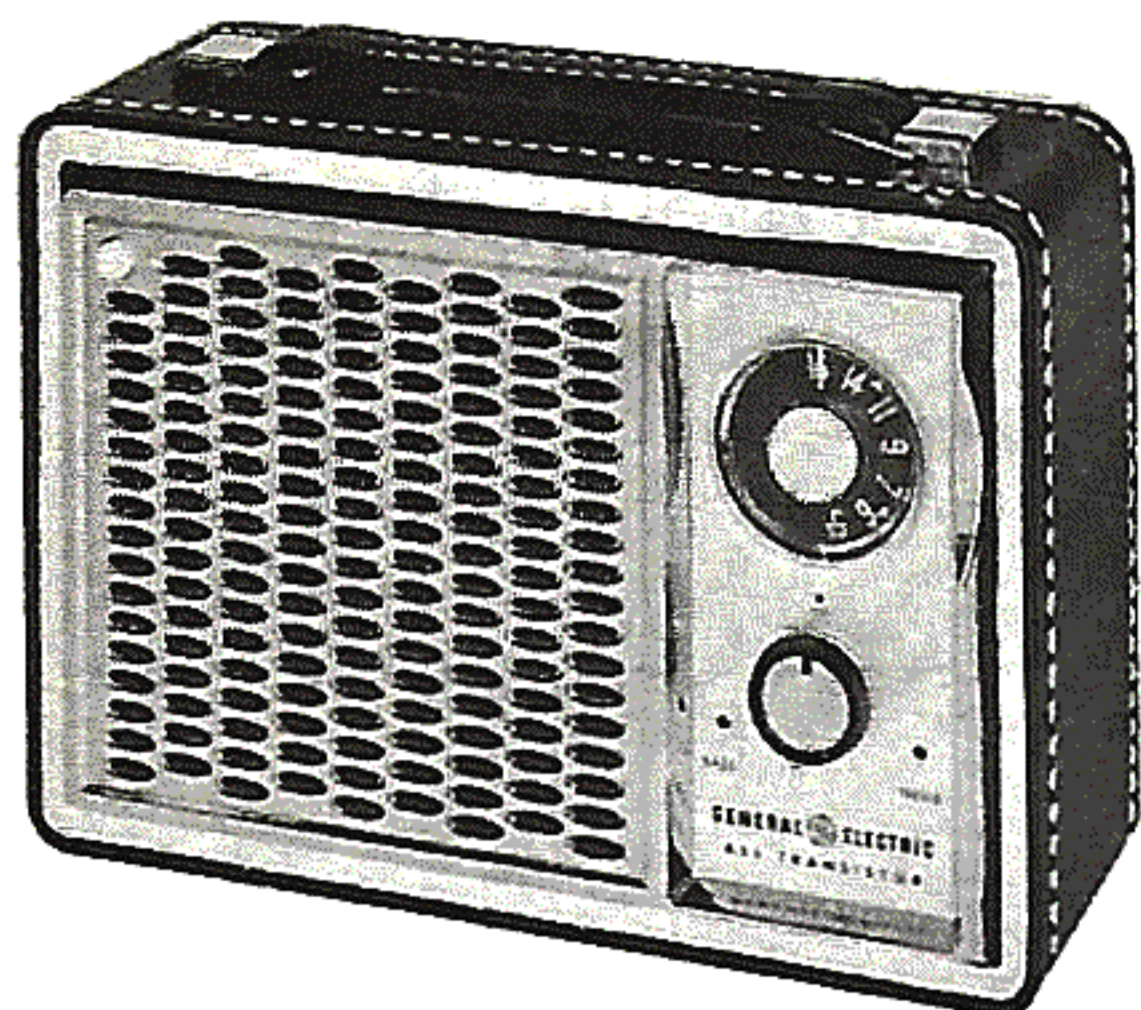




PHOTOFACT[®] with

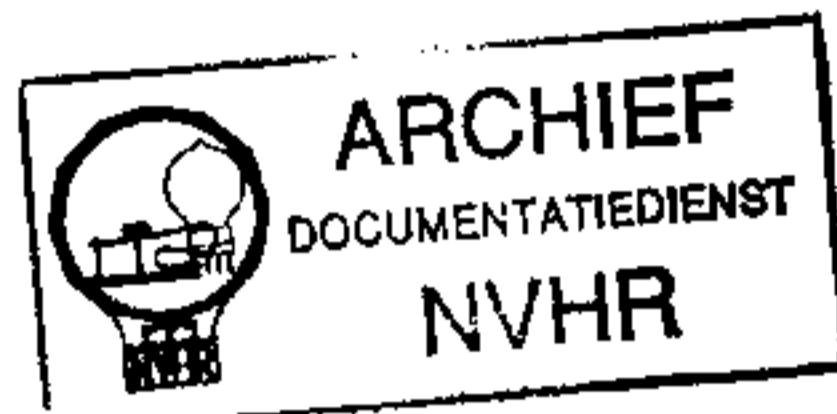
CIRCUITRACE[®]



Met dank aan Jef Bos

TRADE NAME : General Electric Model P875A
 SUPPLIER : General Electric Co.,
 Product Service, Radio Receiver Dept.
 1001 Broad Street, Utica, N. Y.
 TYPE SET : 8 Transistor AM Receiver
 POWER SUPPLY : 9 Volts DC
 RATING : 14MA @ 9VDC (No Signal, Min. Volume)
 30MA @ 9VDC (Signal, Normal Volume)
 TUNING RANGE : BROADCAST 535 - 1630KC

Ned. Ver. v. Historie v/d



ALIGNMENT INSTRUCTIONS

Check for specified source voltage.

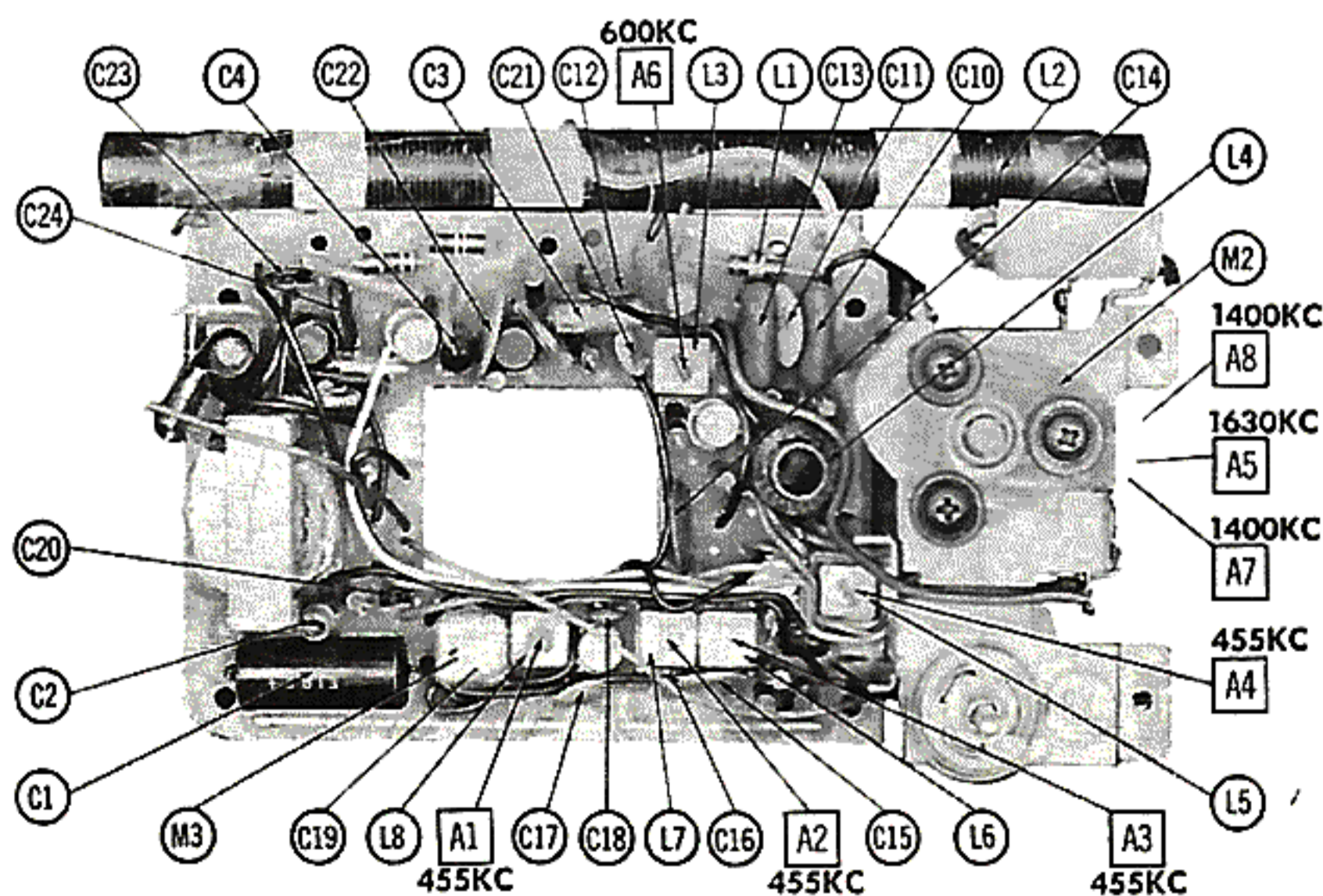
Fashion loop of several turns of wire and connect generator across loop.

Adjust output of generator to radiate only enough signal into receiver to obtain a suitable indication.

Suggested Alignment Tools:

A1, A2, A3, A4, A6..... GENERAL CEMENT #5067, 8282, 8606
 WALSCO #2526, 2543
 A5, A7, A8..... 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 coil.	A1, A2, A3, A4	Adjust for maximum. Repeat as required.
2.	1630KC	"	"	A5	Adjust for maximum.
3.	600KC	Tune to Signal.	"	A6	Rock tuning gang and adjust for maximum. Repeat steps 2 and 3.
4.	1400KC	"	"	A7, A8	Adjust for maximum.



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

TRANSISTORS

ITEM No.	G. E. PART No.	USE	REPLACEMENT DATA			NOTES
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.	
X1	RS-1554	RF Amplifier	DS-25	GE-1		PNP
X2	RS-3277 ①	Converter	DS-25	GE-1		PNP
X3	RS-3278 ②	1st IF Amplifier	DS-25	GE-1		PNP
X4	RS-3279 ③	2nd IF Amplifier	DS-25	GE-1		PNP
X5	RS-3286 ④	AF Amplifier	DS-26	GE-2	2N406	PNP
X6	RS-2675	Driver	DS-26	GE-2	2N406	PNP
X7	RS-3282 ⑤	Output	DS-26	GE-2	2N406	PNP
X8	RS-3282 ⑤	Output	DS-26	GE-2	2N406	PNP

① Alternate Part #RS-2683, RS-2686

② Alternate Part #RS-2684, RS-2687

③ Alternate Part #RS-2685, RS-2688

④ Alternate Part #RS-2677

⑤ Alternate Part #RS-3297, RS-3301, 2N1059

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	400	12	RS-3826						
C2	6	15	RS-2614	CRE455A	NLW6-15	MT1-5	BL1142	TT25X6	TE-1153
C3	2	25	RS-2615	PTT75	NLW2-50	MT1-1	BL1160	TT50X2	TE-1201
C4	2	50	RS-2615	PTT88	NLW2-50	MT1-1	BL1270	TT50X2	TE-1301

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	.047 50V		P288N-047	DK-503	WMF1S47	IDP-2-473	PVC1147	2TM-S47
C11	.05 100V		TTD-05	CK-503	H5		TA-150	TG-S50
C12	.01		TTD-01	CK-103	H2		TA-110	TG-S10
C13	.047 50V		P288N-047	CK-503	WMF1S47	IDP-2-473	PVC1147	2TM-S47
C14	.01		TTD-01	CK-103	H2		TA-110	TG-S10
C15	.05 50V		TTD-05	CK-503	H5		TA-150	TG-S50
C16	1.5 10%	(2) †						
C17	.47 3V			UK10-404	HCC10474Z			HY-330
C18	5.6 NPO 10%	(3.3) †						10TCC-V56
C19	.01		TTD-01	CK-103	H2		TA-110	TG-S10
C20	.001			DM-102	H05D1			
C21	.005 100V		TTD-005	CK-502	H1		TA-250	TG-D50
C22	.05		TTD-05	CK-503	H5		TA-150	TG-S50
C23	.002			DM-202				
C24	.005		TTD-005	CK-502	H1		TA-250	TG-D50

† Value used when X4 is Part #RS-2686.

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.
RIA B	Tone Volume & Switch	2meg 50K	RS3334				

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	Ant. Loading	RS-3837				TA301	Note 1.
L2	Loopstick	RS-3332					
L3	RF	RS-3333					
L4	Osc.	RS-3248					
L5	1st IF	RS-2977					
L6	2nd IF	RS-3249					
L7	3rd IF	RS-3250					
L8	4th IF	RS-2979					

Note 1. Wound on 1 meg resistor.

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO		REPLACEMENT DATA					NOTES
	PRI.	SEC1	G. E. PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T1	1	1	RS-3251					
		SEC.2						
		1						

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		G. E. PART No.	QUAM PART No.	
SPI	4" PM 25Ω	RB-1212	4A07Z25	

BATTERIES

ITEM No.	VOLTAGE	G. E. PART No.	REPLACEMENT DATA			NOTES
			BURGESS	EVEREADY	MALLORY	
M1	9		130 (or AL-1)	835 (or E93)	M-14R (or MNI400)	6 Required

MISCELLANEOUS

ITEM No.	PART NAME	G. E. PART No.	NOTES
M2	Tuning Cap.	RS-3330	
M3	Detector	RS-1811	

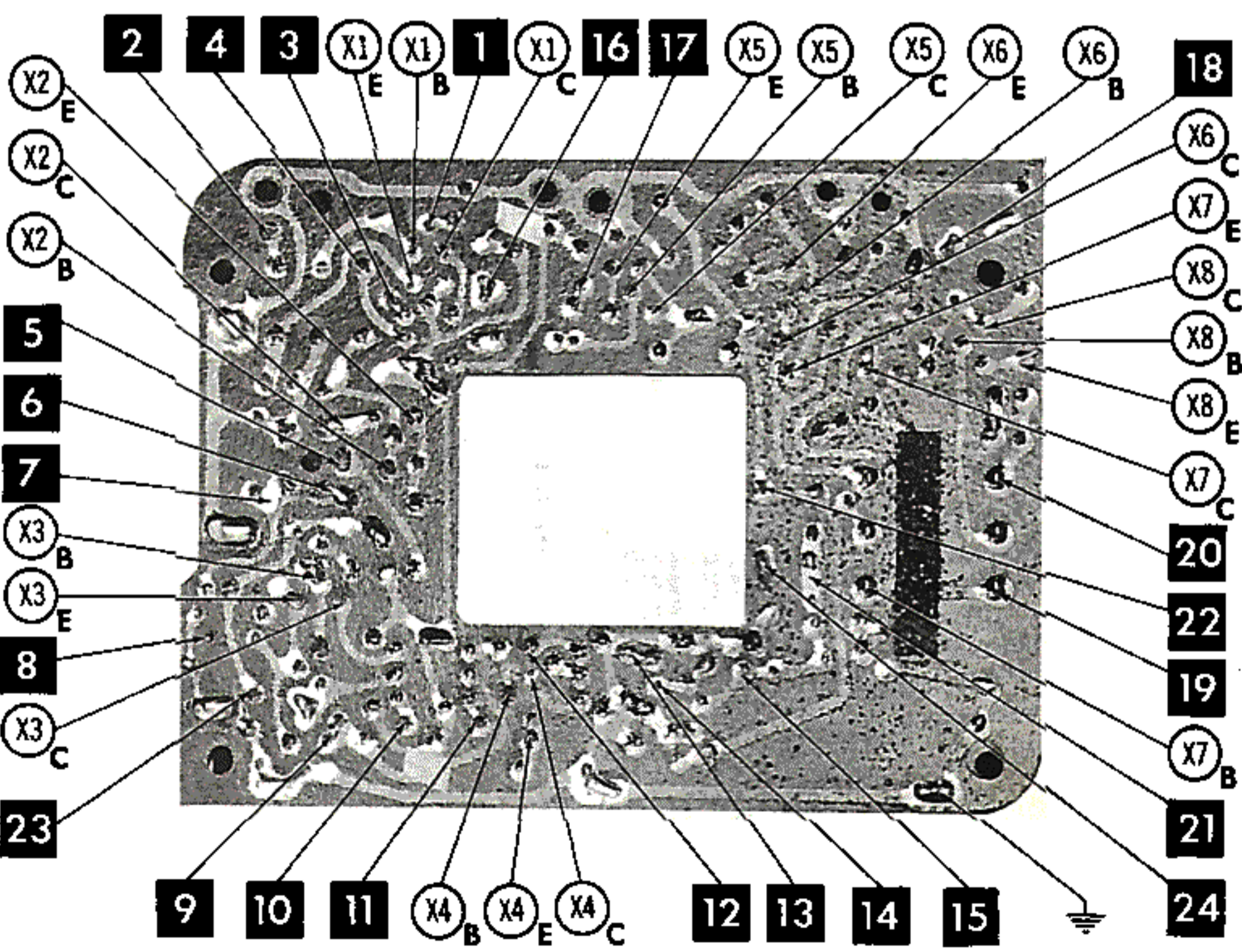
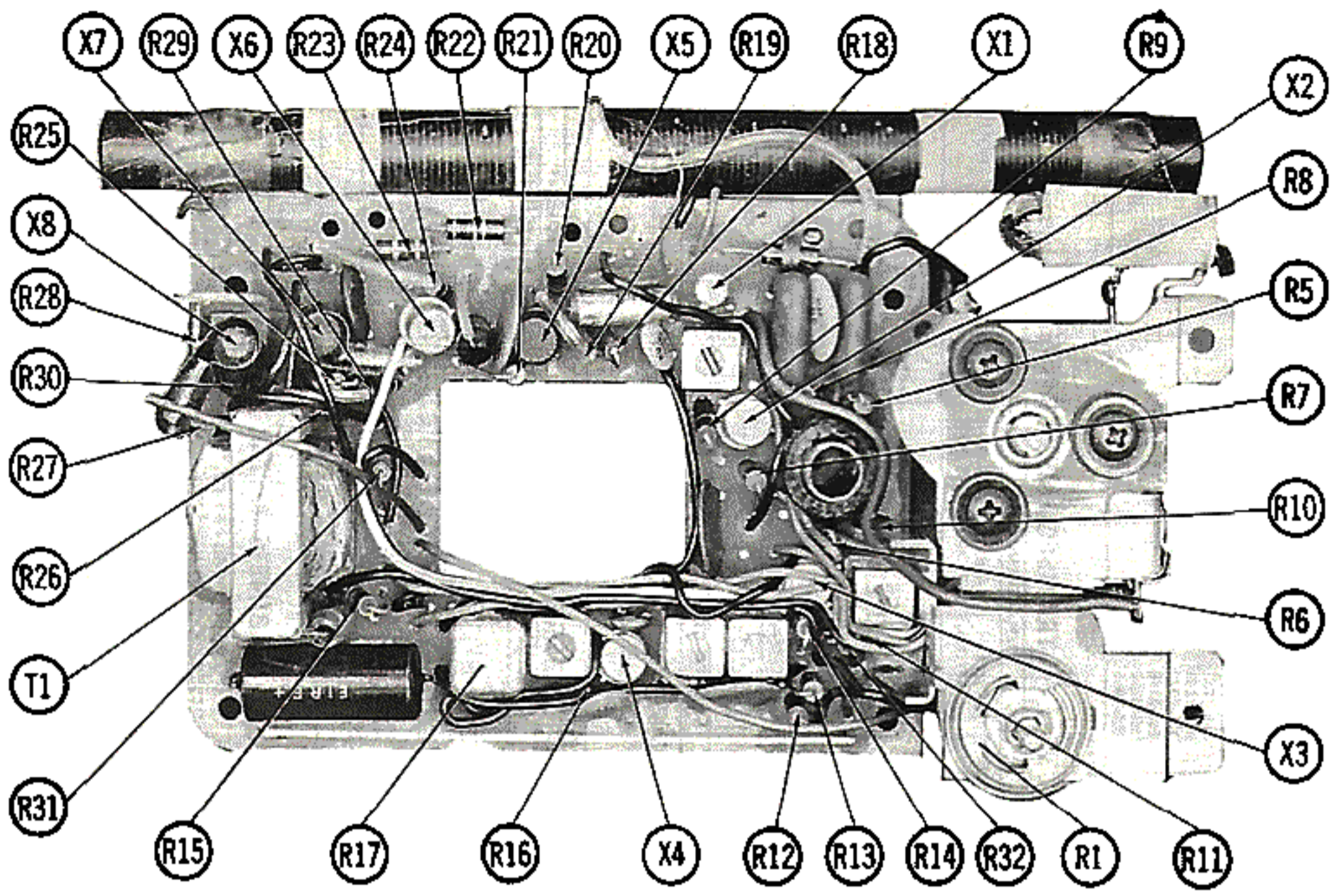
CABINETS & CABINET PARTS

(When Ordering Specify Model, Chassis & Color)

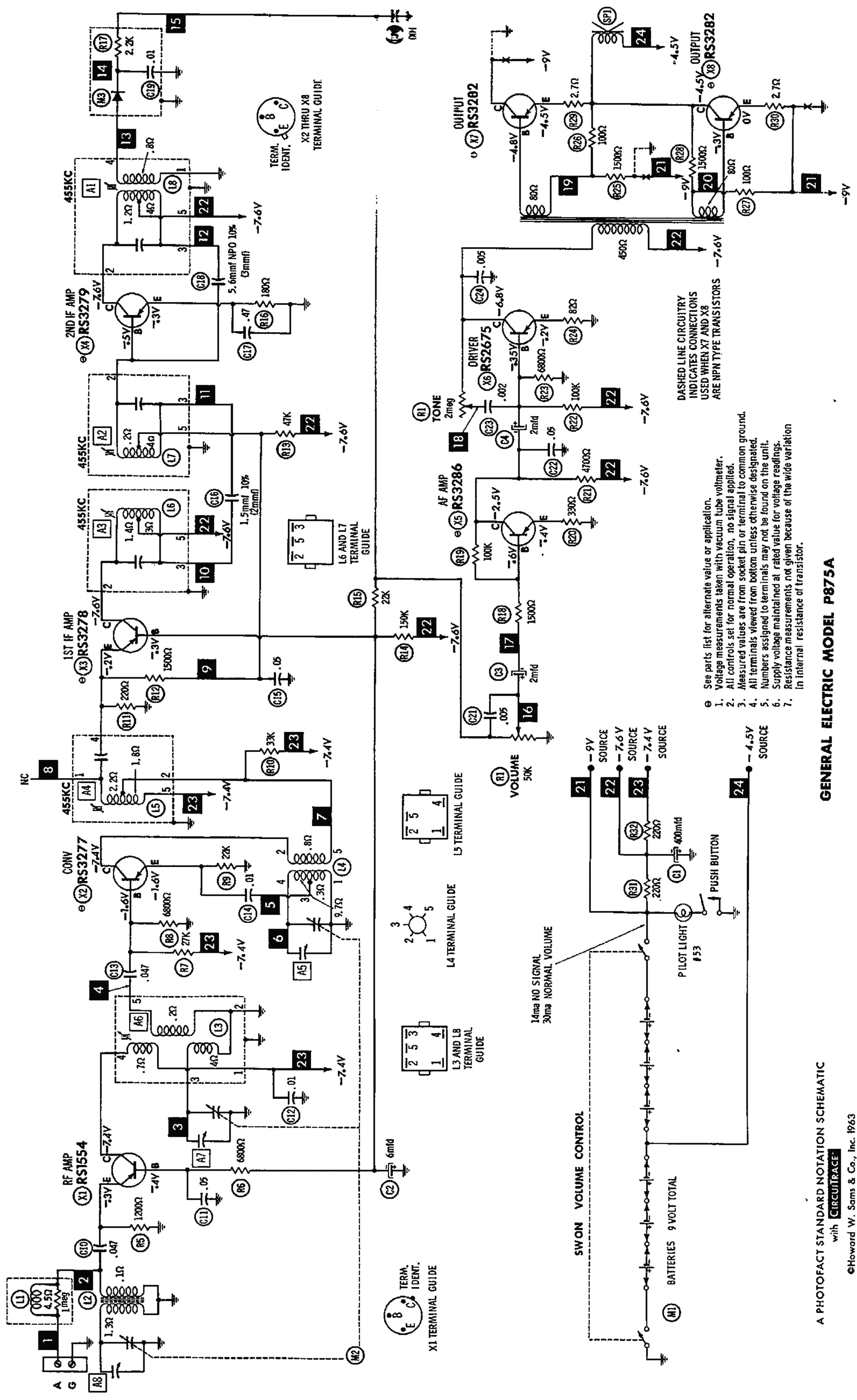
ITEM	PART No.	ITEM	PART No.
Knob - Tuning, Indicator	RS-3231	Knob - Tone	RS-3328
Knob - Tuning	RS-3229	Cabinet - Leather	RB-1295
Knob - Volume	RS-3227	Grille - Complete	RB-1220

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid 22AWG)	Available
	8524 (Stranded 22AWG)	in
	8570 (Stranded 28AWG)	12 Colors



E-EMITTER B-BASE C-COLLECTOR



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

A PHOTOFAC STANDARD NOTATION SCHEMATIC
with **CIRCUITRACE**

GENERAL ELECTRIC MODEL P875A