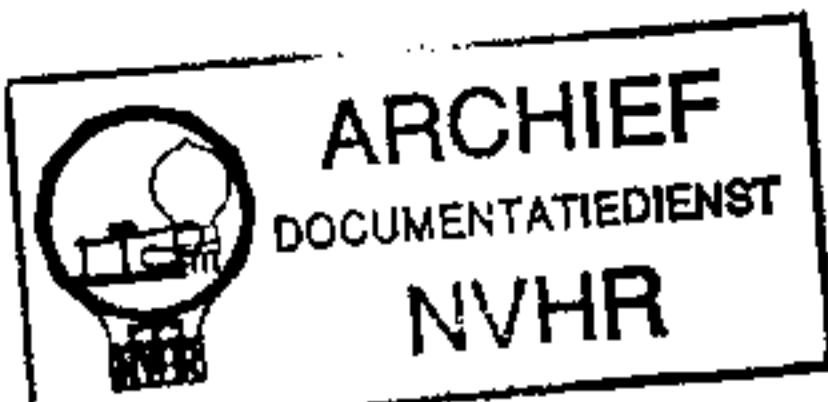




PHOTOFACT®



Met dank aan Jef Bos



TRADE NAME: GENERAL ELECTRIC
Models P820C, P821C, P822C

SUPPLIER: General Electric Co.,
Product Service, Radio Receiver Dept.
1001 Broad Street, Utica, N. Y.

TYPE SET: 6 Transistor AM Receiver

POWER SUPPLY: 3 Volts DC

RATING: 12MA @ 3 VDC (No Signal, Min. Volume)
20MA @ 3 VDC (Signal, Normal Volume)

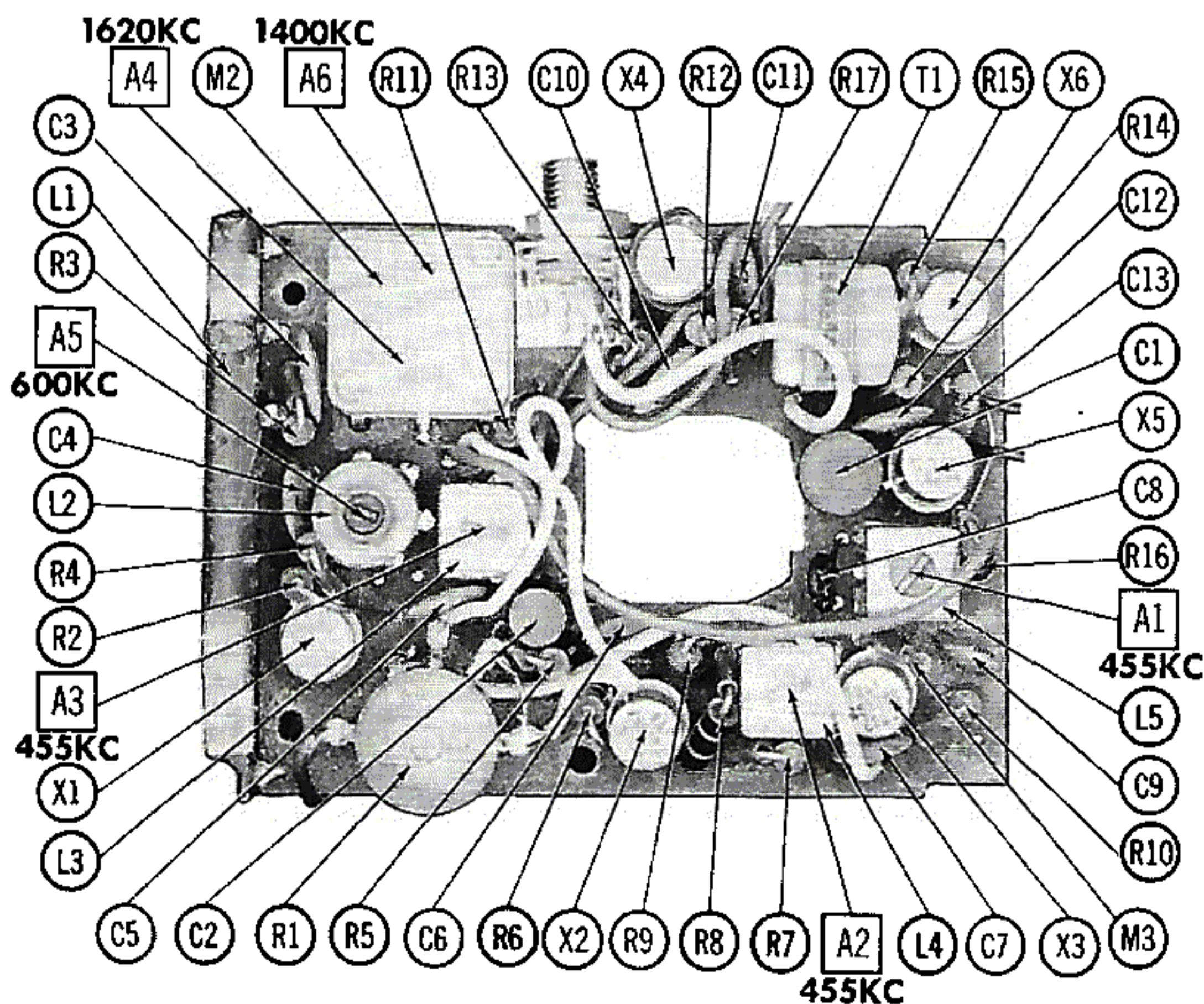
TUNING RANGE: BROADCAST 540 - 1620KC

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 thru A6.....GENERAL CEMENT #5000, 5066, 8290....WALSCO #2525

	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	Adjust for maximum. Repeat as required.
2.	1620KC	"	"	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.



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	RS5101	Converter	DS-25	GE-1		PNP
X2	RS5201	1st IF Amplifier	DS-25	GE-1		PNP
X3	RS5301	2nd IF Amplifier	DS-25	GE-1		PNP
X4	RS5504	Driver	DS-26	GE-2		PNP
X5	RS5704	Output	DS-26	GE-2		PNP
X6	RS5704	Output	DS-26	GE-2		PNP

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	90	5	RS-3412						
C2	8	12	RS-2285	CRE406	NLW8-25				TE-1127.3

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.
C3	.02		TTD-02	CK-203	H3		TA-120	TG-S20
C4	.01		TTD-01	CK-103	H2		TA-110	TG-S10
C5	.01		TTD-01	CK-103	H2		TA-110	TG-S10
C6	.01		TTD-01	CK-103	H2		TA-110	TG-S10
C7	.01		TTD-01	CK-103	H2		TA-110	TG-S10
C8	10 NPO 10%		NPO-DI 10	DTZ-10	C10Q1C	CCTO-100	CNO-410	10TCC-Q10
C9	.05		TTD-05	CK-503	H5		TA-150	TG-S50
C10	.47mfd 3V	Note 1		UK10-404	HCC10474Z			HY-330
C11	.002			DM-202				
C12	.01		TTD-01	CK-103	H2		TA-110	TG-S10
C13	.05		TTD-05	CK-503	H5		TA-150	TG-S50

Note 1. Some versions may use 1mfd-3V in this application (Part #RS-3489).

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	10K	RS-4254				

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	RS-3410					
L2	Osc.	RS-3409					
L3	1st IF	RS-2977					
L4	2nd IF	RS-2978	BC-575				
L5	3rd IF	RS-2979	BC-576				

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO		REPLACEMENT DATA				NOTES	
	PRI.	SEC.	G. E. PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.		TRIAD PART No.
T1	1	1	RS-3421					

DESCRIPTION

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		G. E. PART No.	QUAM PART No.	
SP1	2 5/8" Magnetic 18-20Ω C.T.	RB-1233		

BATTERIES

ITEM No.	VOLTAGE	G. E. PART No.	REPLACEMENT DATA			NOTES
			BURGESS	EVEREADY	MALLORY	
M1	3		930 (or AL-9, Hg-9)	1015 (or E91, E9)	M-15R (or MNI500, ZM-9)	2 Required

MISCELLANEOUS

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

CABINETS & CABINET PARTS

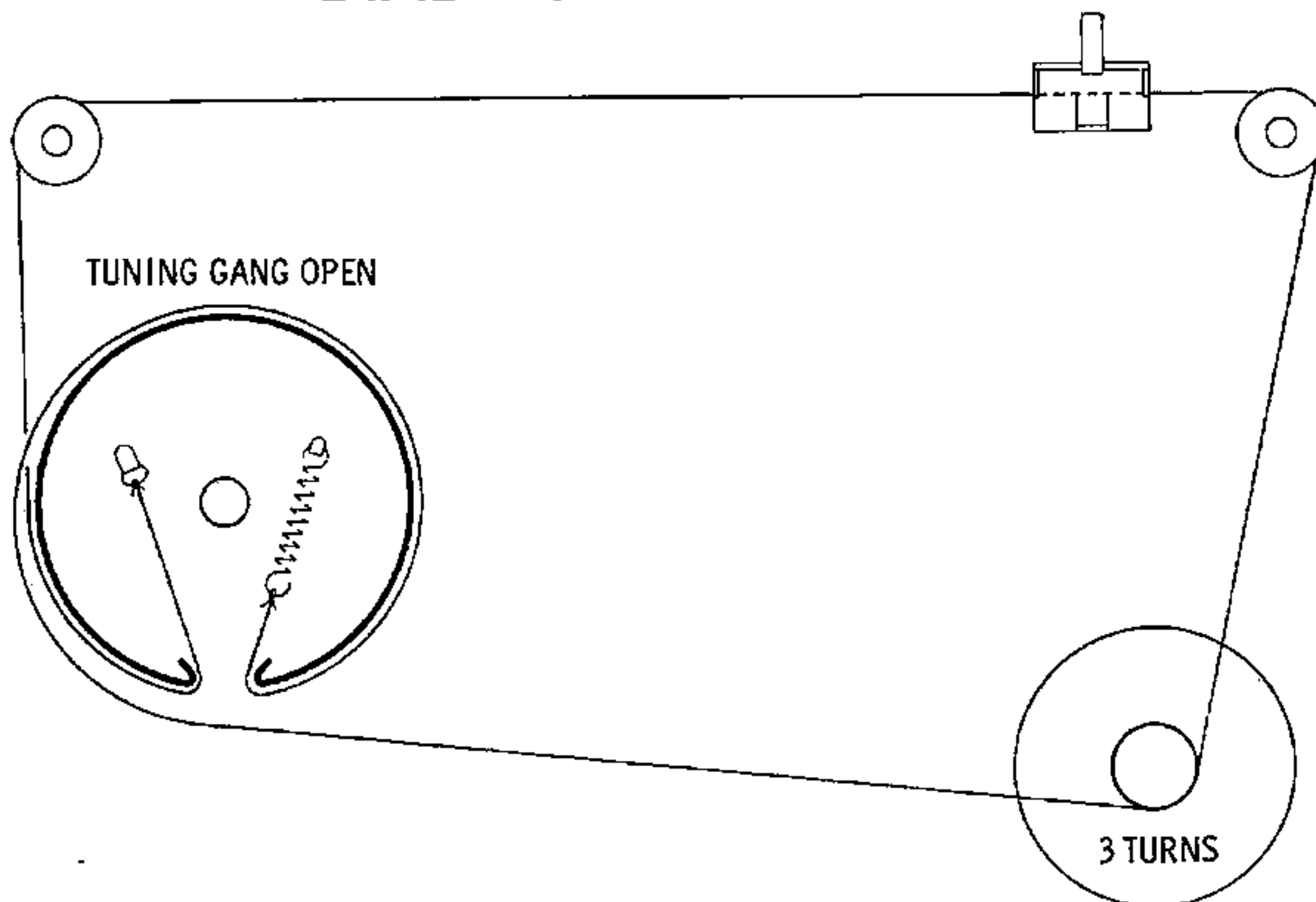
(When Ordering Specify Model, Chassis & Color)

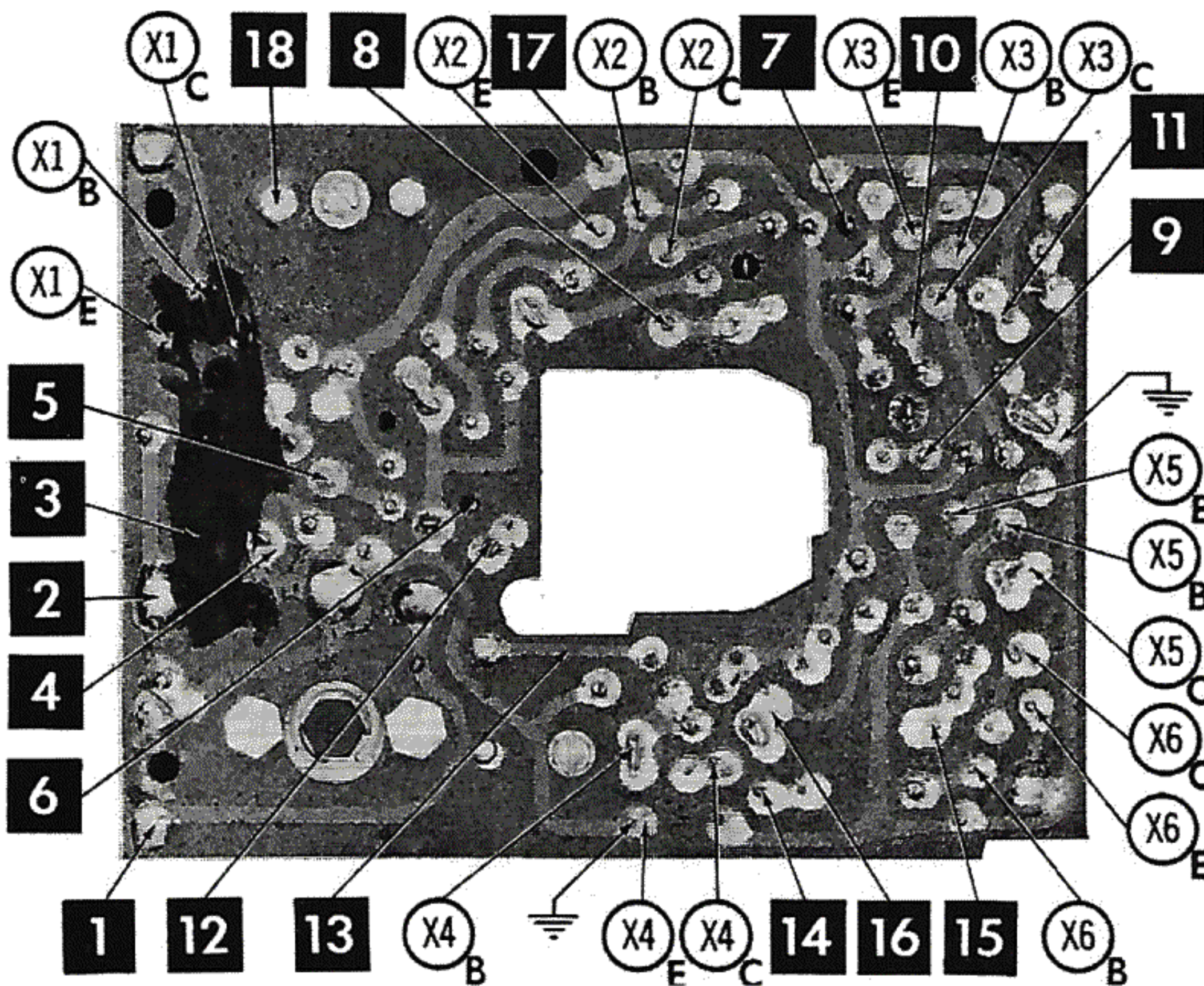
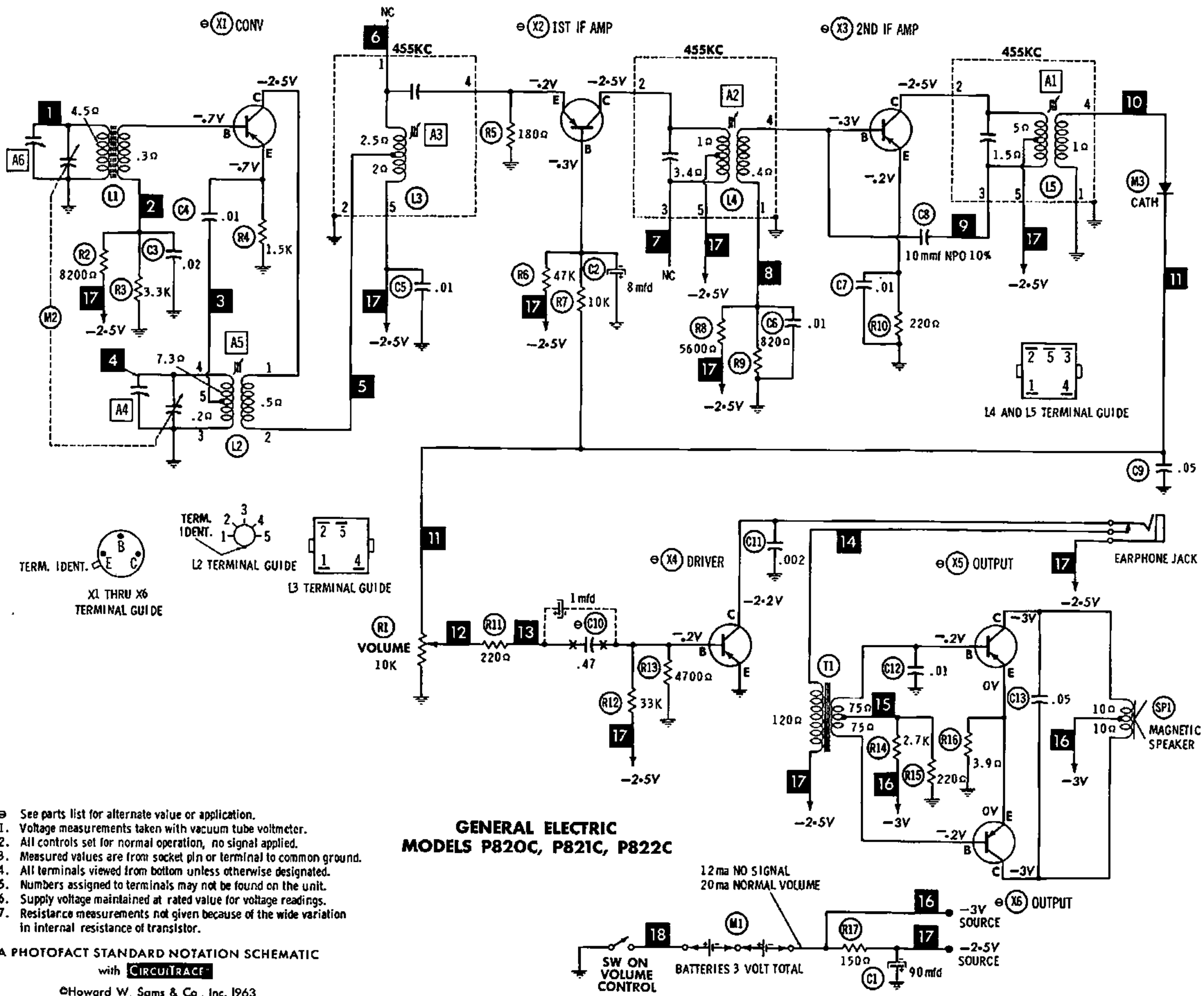
ITEM	PART No.	ITEM	PART No.
Knob - Tuning	RS-3349	Cabinet Front, Model P822C	RB-1329
Knob - Volume	RS-4255	Cabinet Back, Model P820C	RB-1227
Cabinet Front, Model P820C	RB-1225	Cabinet Back, Model P821C	RB-1228
Cabinet Front, Model P821C	RB-1226	Cabinet Back, Model P822C	RB-1330

WIRING DATA

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

DIAL CORD STRINGING





E-EMITTER B-BASE C-COLLECTOR