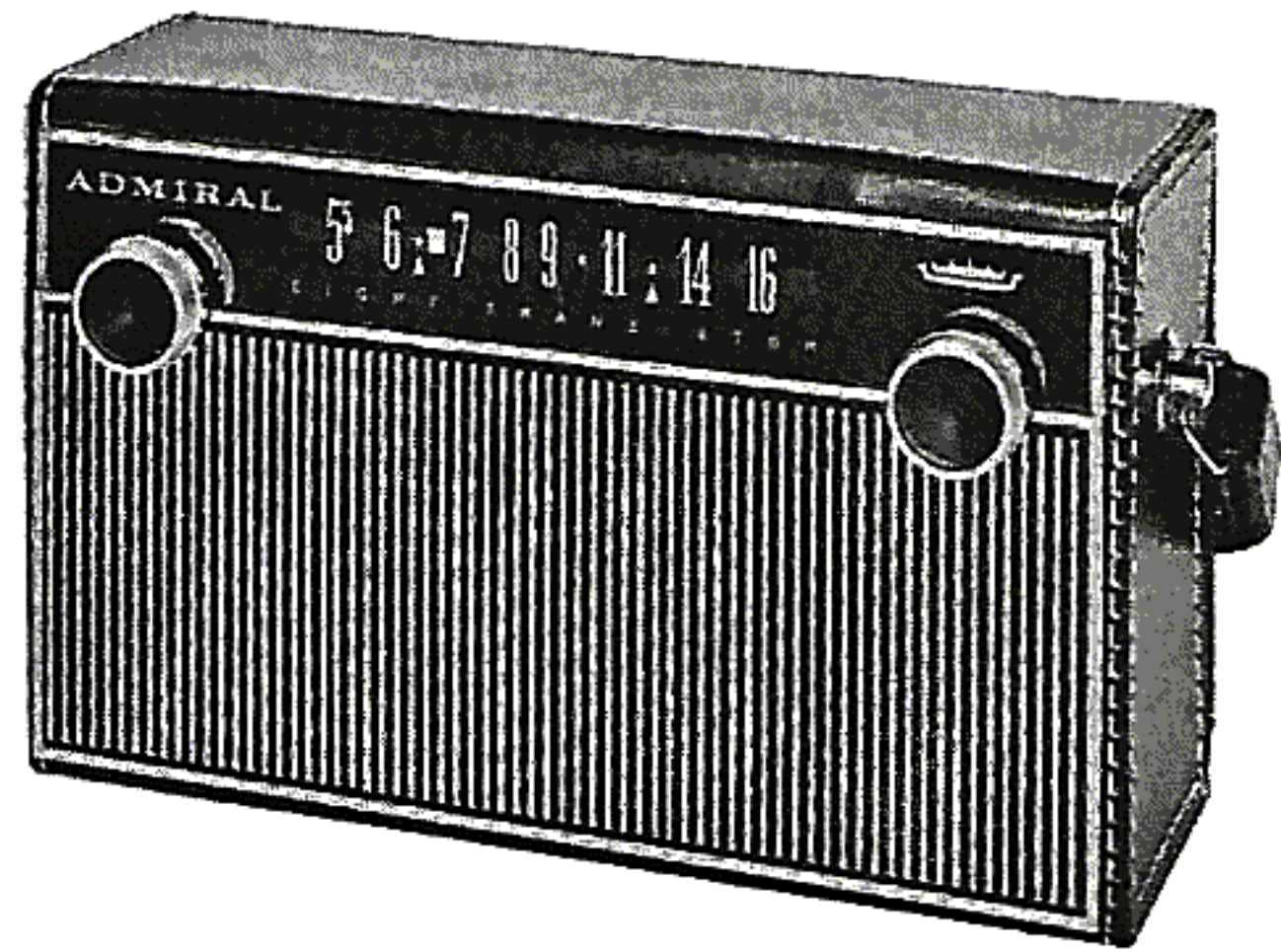




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Met dank aan Jef Bos



Ned. Ver. v. Historie

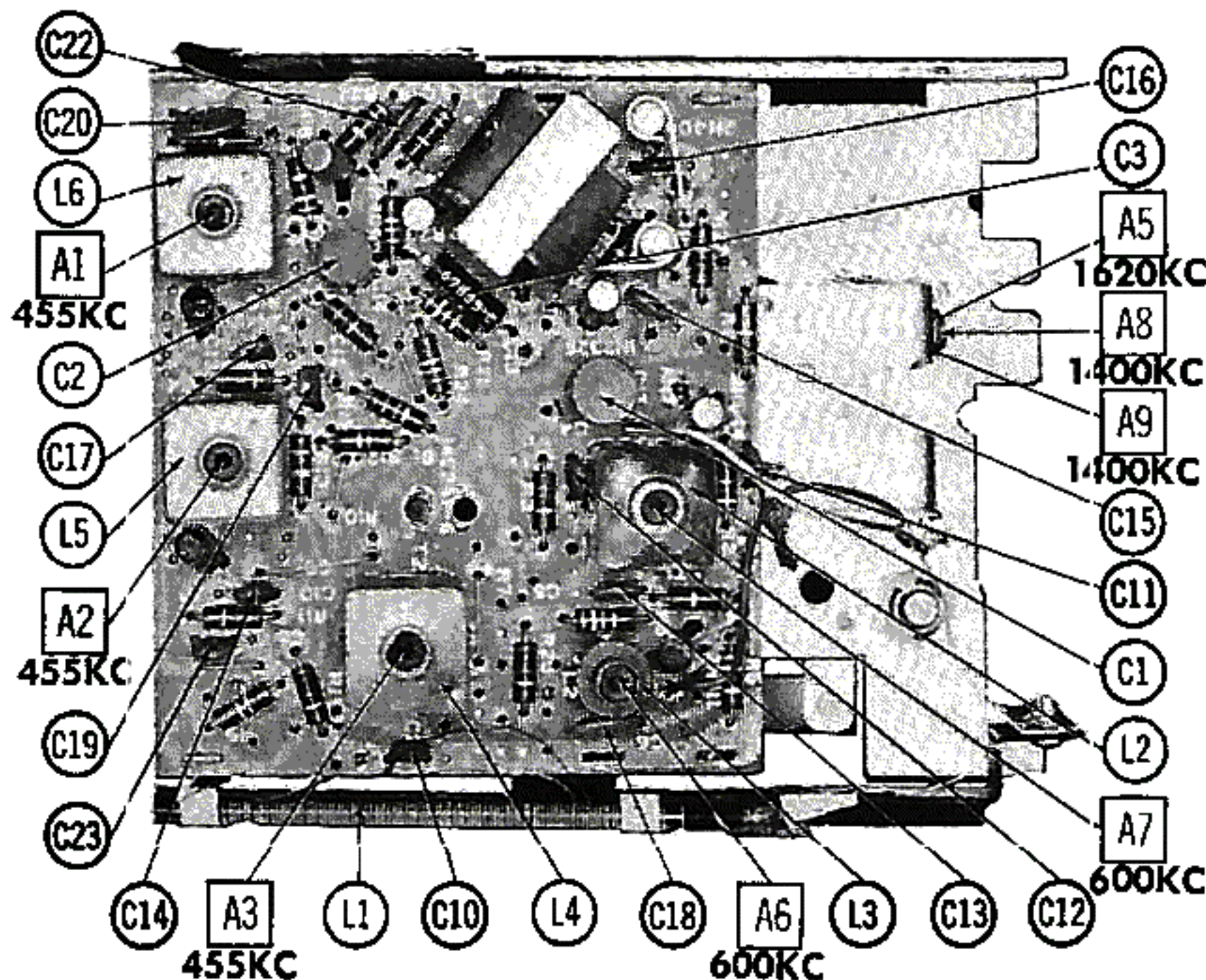
TRADE NAME: Admiral Model Y2351 (Ch. 8G2)
SUPPLIER: Admiral Corp.,
 National Service Div., P. O. Box 845
 903 Morrissey Drive, Bloomington, Ill.
TYPE SET: 8 Transistor AM Receiver
POWER SUPPLY: 9 Volts DC
SETTING: 8MA @ 9VDC (No Signal, Min. Volume)
 20MA @ 9VDC (Signal, Normal Volume)
TUNING RANGE: BROADCAST 535 - 1620KC

ALIGNMENT INSTRUCTIONS

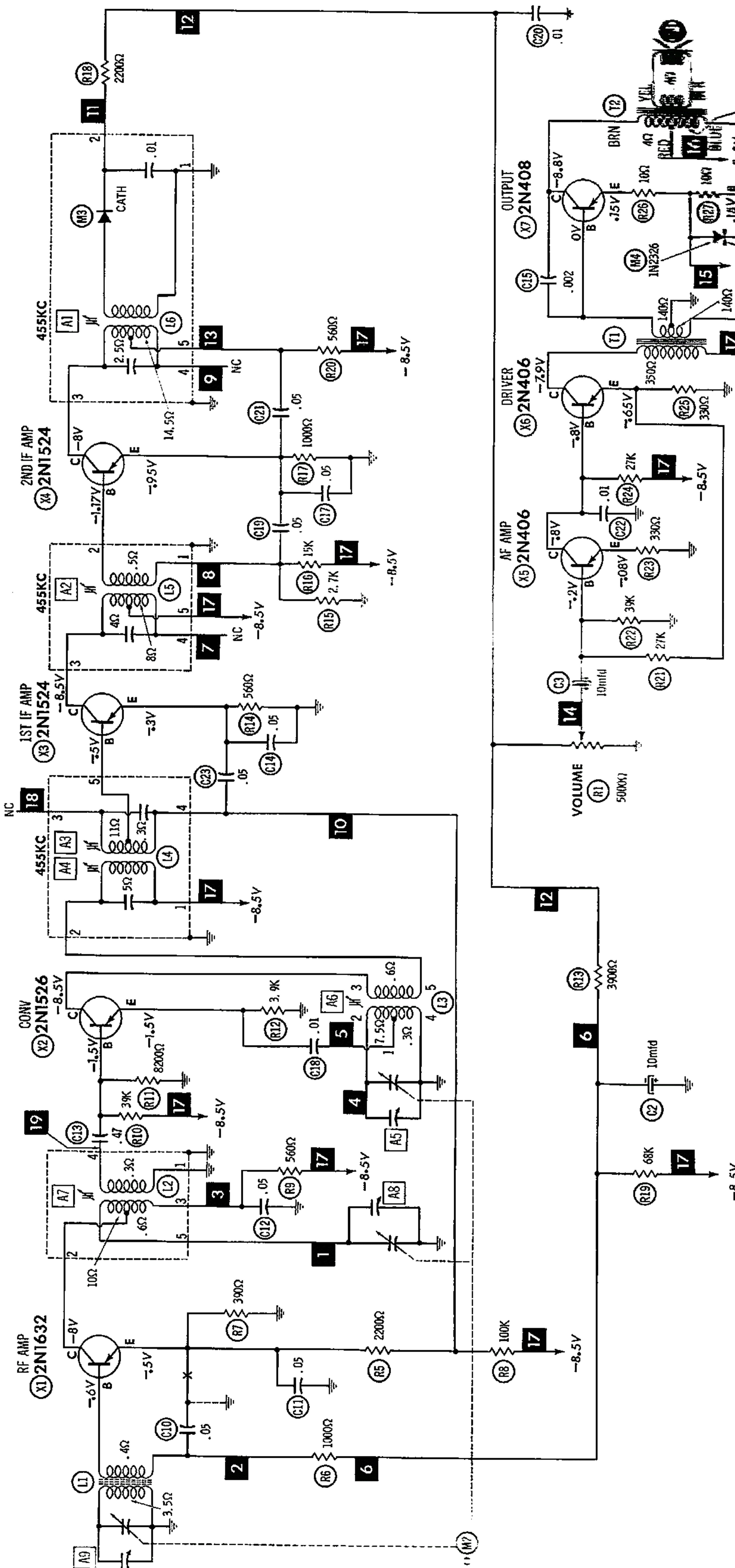


Check for specified source voltage.
 Fashion loop of several turns of wire and connect generator across loop.
 Adjust output of generator to radiate only enough signal into receiver to obtain a suitable indication.
 Suggested Alignment Tools:
 A1, A2, A3, A4, A6, A7.... GENERAL CEMENT #8282, 8606, 9302
 WALSCO #2511, 2526, 2543
 A5, A8, A9..... GENERAL CEMENT #5000, 5066, 8290
 WALSCO #2512, 2525, 2528

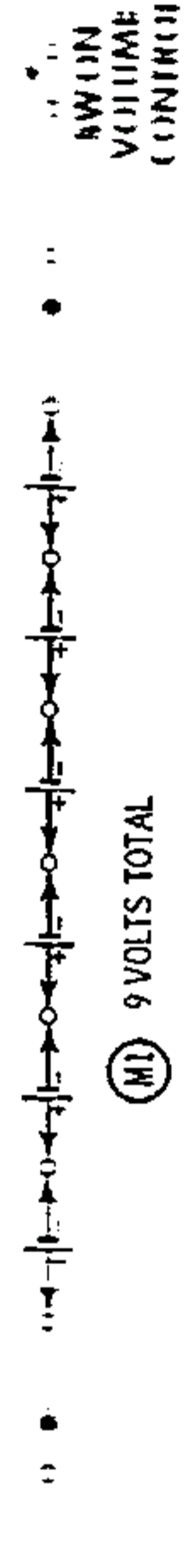
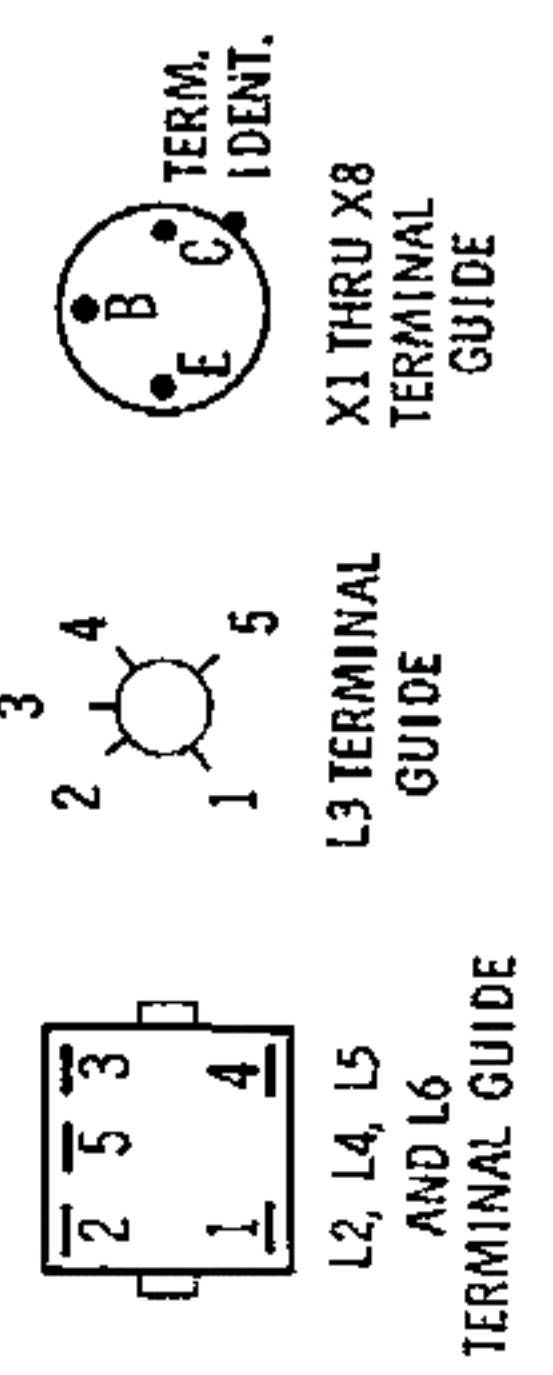
SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
1. 455KC (400% Mod.)	Tuning gang fully open.	Output Meter across voice coil.	A1, A2, A3, A4	Adjust for maximum. Repeat as required.
2. 1620KC	"	"	A5	Adjust for maximum.
3. 600KC	Tune to Signal.	"	A6, A7	Rock tuning gang and adjust for maximum. Repeat steps 2 and 3.
4. 1400KC	"	"	A8, A9	Adjust for maximum.



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



- See parts list for alternate values 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 trimmer.

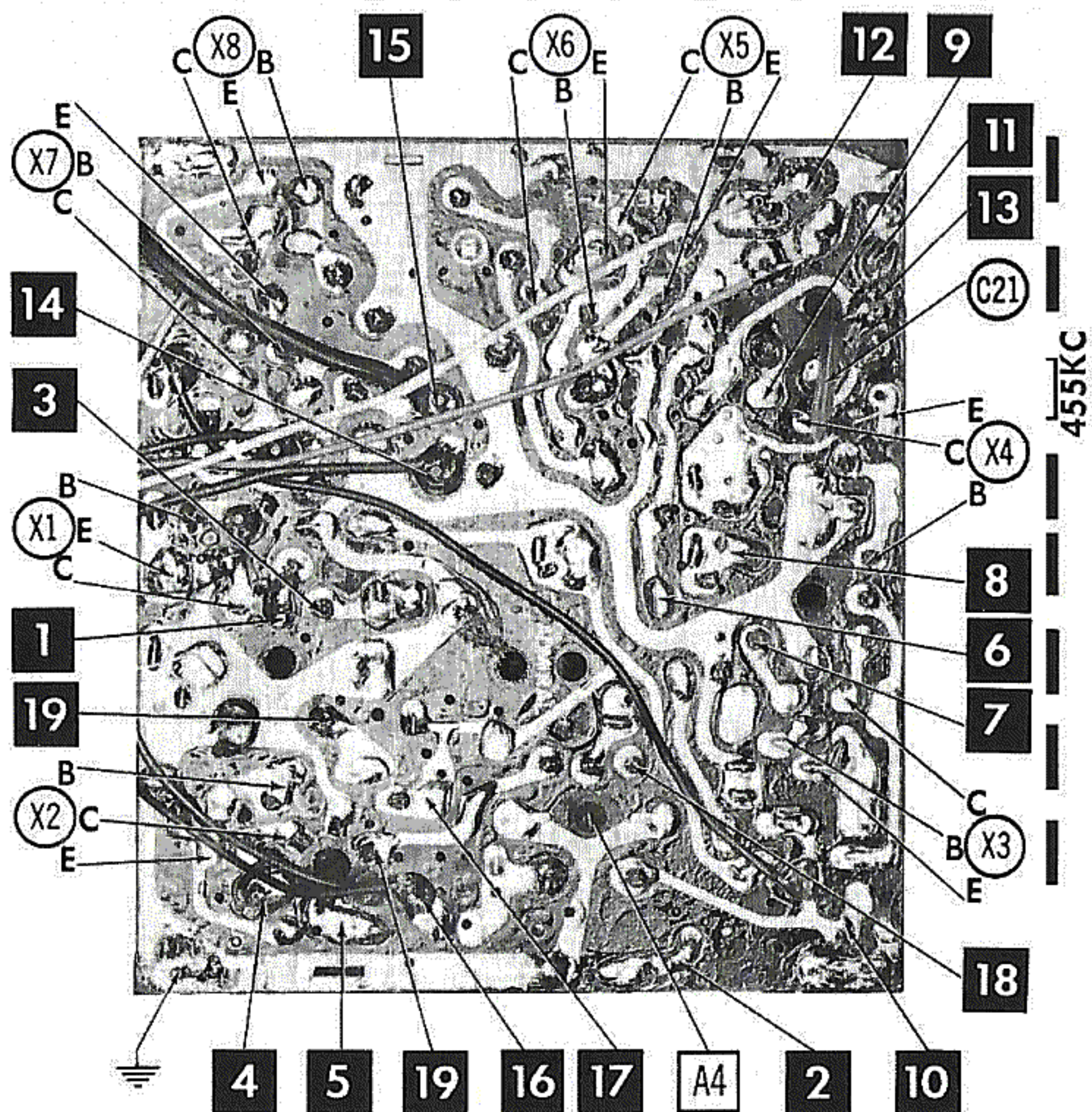
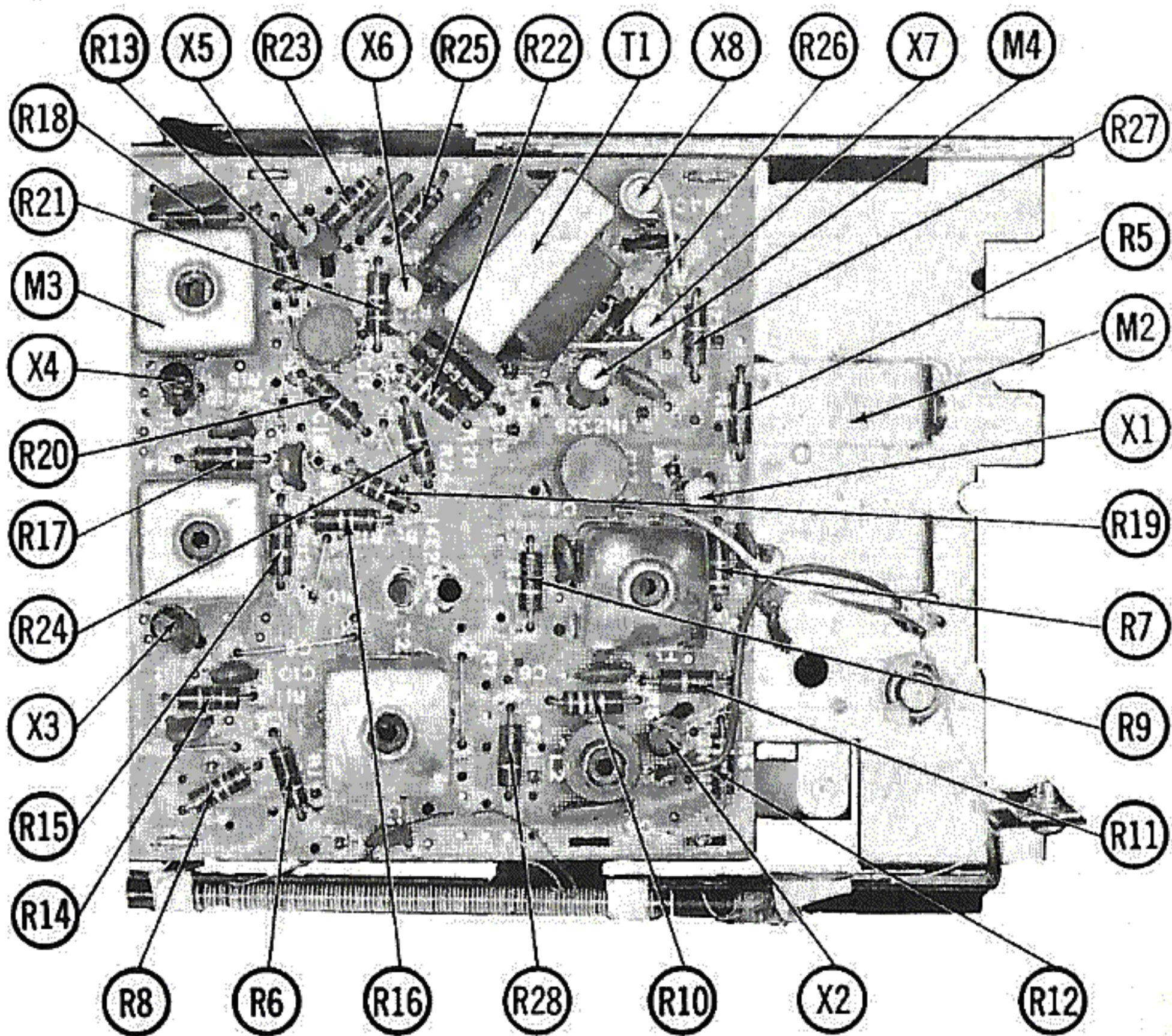


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 with **CIRCUTRACE**

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ADMIRAL MODEL Y2351 (Ch. 8G2)

.18V SOURCE



TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.	
X1	2N1632	RF Amplifier	DS-25	GE-1	2N1632	PNP
X2	2N1526	Converter	DS-25	GE-1	2N1527	PNP
X3	2N1524	1st IF Amplifier	DS-25	GE-1	2N1524	PNP
X4	2N1524	2nd IF Amplifier	DS-25	GE-1	2N1524	PNP
X5	2N406	AF Amplifier	DS-26	GE-2	2N406	PNP
X6	2N406	Driver	DS-26	GE-2	2N406	PNP
X7	2N408	Output	DS-26	GE-2	2N408	PNP
X8	2N408	Output	DS-26	GE-2	2N408	PNP

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA						
	CAP.	VOLT.	ADMIRAL 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	9	67B32-29	BCD10080	ECPB417	MT1-19	MLV100-10	PET1400	VL-1140
C2	10	6	67B32-28	BCD8010	ECPB408	MT1-5	MLV10-6	PET1340	VL-1087
C3	10	3	67B35-6	PTT8	NLW10-3	MT1-5	MLV10-3	TT3X10	TE-1053

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	.05		TTD-05	CK-503	H5		TA-150	TG-S50
C11	.05		TTD-05	CK-503	H5		TA-150	TG-S50
C12	.05		TTD-05	CK-503	H5		TA-150	TG-S50
C13	.47mfd			UK10-404	HCC10474Z			HY-330
C14	.05		TTD-05	CK-503	H6		TA-150	TG-S50
C15	.002			DM-202				
C16	.002			DM-202				
C17	.05		TTD-05	CK-503	H5		TA-150	TG-S50
C18	.01		TTD-01	CK-103	H2		TA-110	TG-S10
C19	.05		TTD-05	CK-503	H5		TA-150	TG-S50
C20	.01		TTD-01	CK-103	H2		TA-110	TG-S10
C21	.05		TTD-05	CK-503	H5		TA-150	TG-S50
C22	.01		TTD-01	CK-103	H2		TA-110	TG-S10
C23	.05		TTD-05	CK-503	H5		TA-150	TG-S50

CONTROLS

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

ITEM No.	USE	RESISTANCE	REPLACEMENT DATA				
			ADMIRAL PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
R1	Volume & Switch	5000Ω	75B36-5				

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA					NOTES
		ADMIRAL PART No.	MERIT PART No.	MILLER PART No.	STANCOR PART No.	WORKMAN PART No.	
L1	Loopstick	69C285-4 ①					① Part #69C285-2 used in early versions.
L2	RF	69B247-3					
L3	Oscillator	69B223-9					
L4	1st IF	72C243-1					
L5	2nd IF	72C244-3					
L6	3rd IF	72C244-7					

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO		REPLACEMENT DATA					NOTES
			ADMIRAL PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
	PRI.	SEC.						
T1	1.4	1	79B76-3					

D DESCRIPTION

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA				NOTES
			ADMIRAL PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	
	PRI.	SEC.					
T2	400Ω CT	3-4Ω	79D33-51				

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		ADMIRAL PART No.	QUAM PART No.	
SP1	3" x 5" PM 3-4Ω	78D158-9	35A05	

BATTERIES

ITEM No.	VOLTAGE	ADMIRAL PART No.	REPLACEMENT DATA			NOTES
			BURGESS	EVEREADY	MALLORY	
M1	9V		130 (or AL-1)	635 (or E93)	M-14R (or MN1400)	6 Required

MISCELLANEOUS

ITEM No.	PART NAME	ADMIRAL PART No.	NOTES
M2	Tuning Cap.	68C94-2 ①	① Early versions use Part #68C94-1
M3	Diode (Det.)	93B27-1	
M4	Bias Reg. (LN2326)	57D1-29	

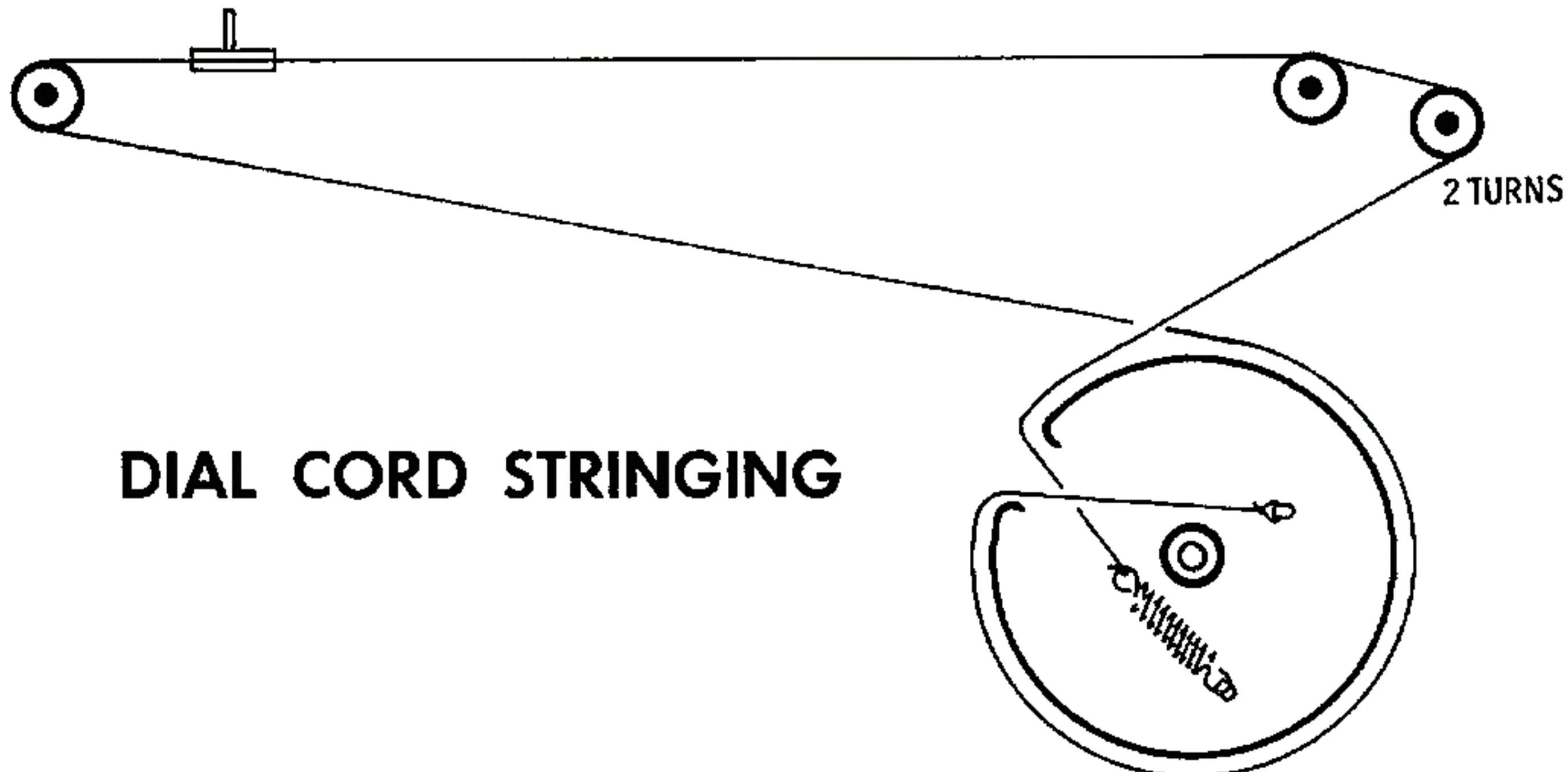
CABINETS & CABINET PARTS

(When Ordering Specify Model, Chassis & Color)

ITEM	PART No.	ITEM	PART No.
Knob - Tuning, Volume	33C516-3	Cabinet - Leather	34D202-2

WIRING DATA

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



DIAL CORD STRINGING