

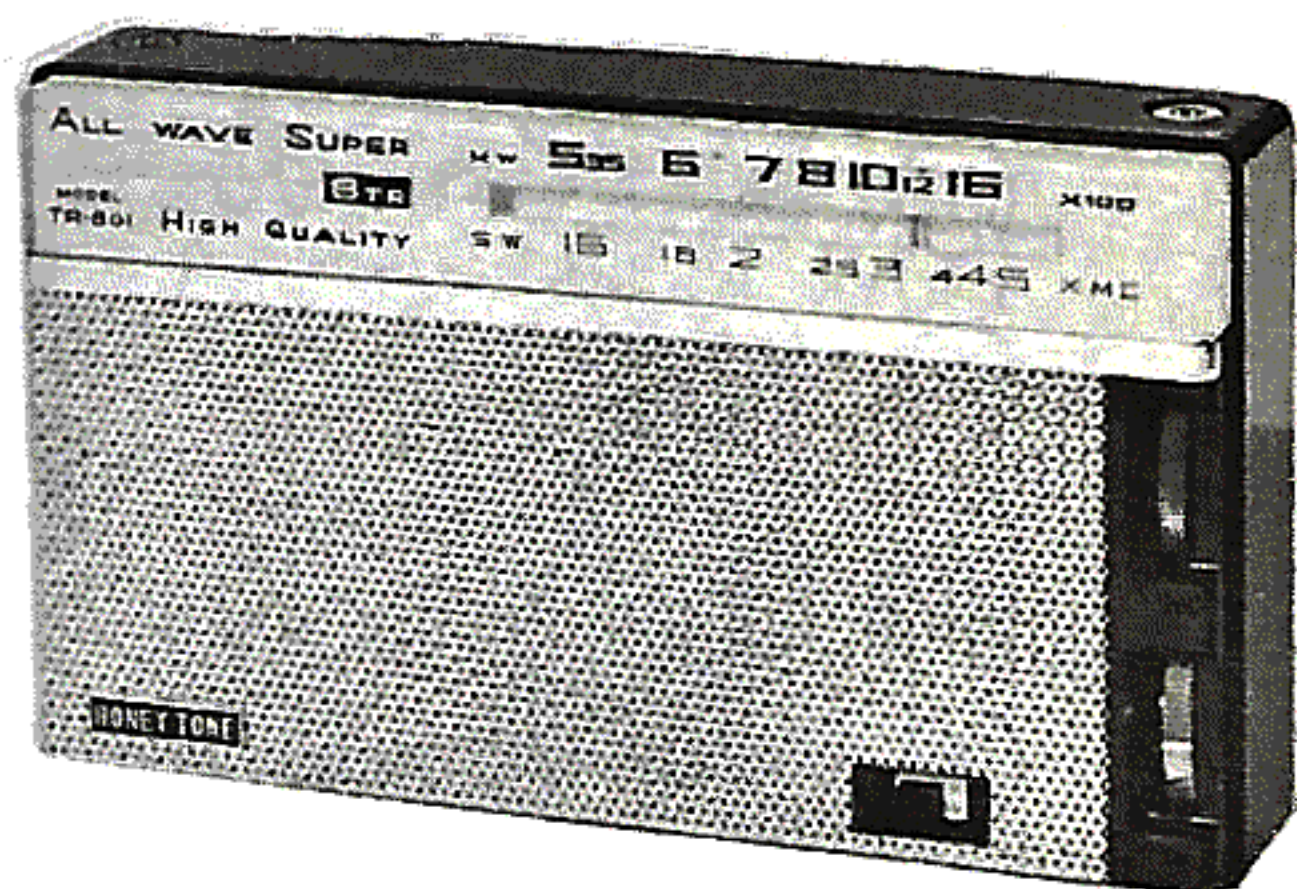


PHOTOFACT[®] with

CIRCUITRACE[®]

Met dank aan Jef Bos

TRADE NAME : Honey Tone or Times Model TR-801
SUPPLIER : Associated Importers, 1168 Battery Street, San Francisco 11, California
TYPE SET : 8 Transistor BC-SW Receiver
POWER SUPPLY : 6 Volts DC
RATING : 8MA @ 6 VDC (No Signal, Min. Volume)
 25MA @ 6 VDC (Signal, Normal Volume)
TUNING RANGE : BROADCAST 535 - 1620KC
 SHORTWAVE 1.6 - 4.5MC



Ned. Ver. v. Historie

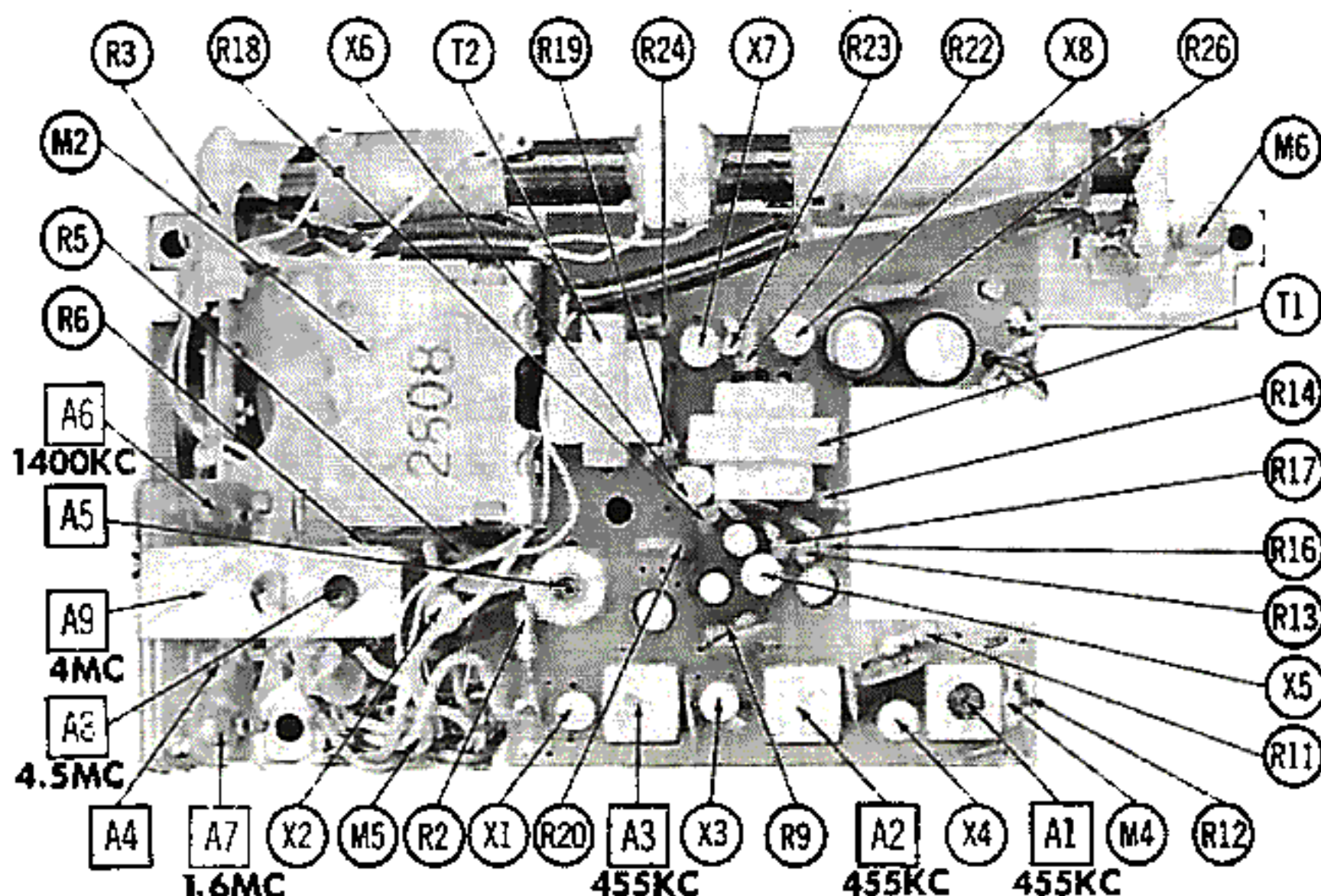
ALIGNMENT INSTRUCTIONS



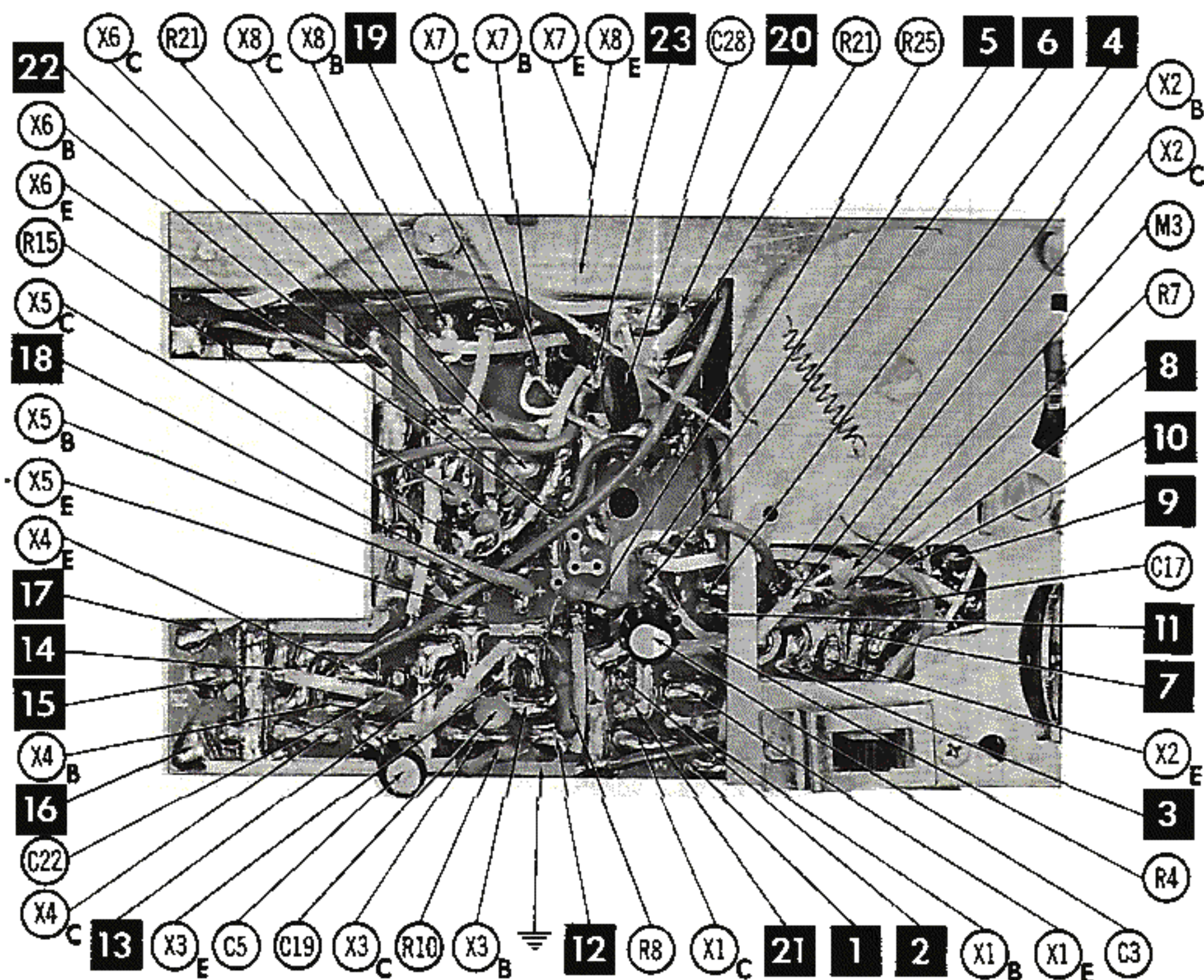
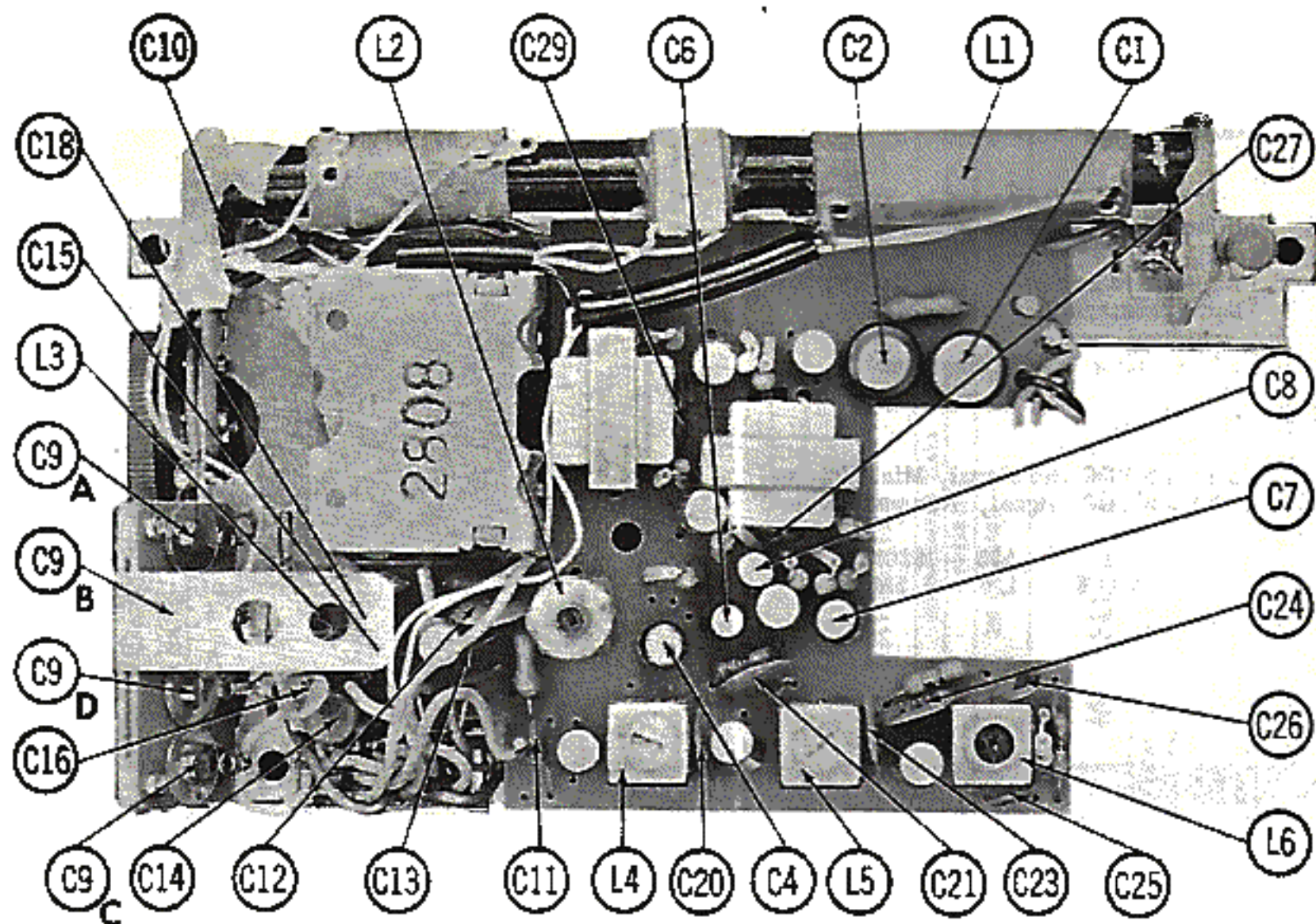
Check for specified source voltage.
 Fashion loop of several turns of wire and connect generator across loop.
 Adjust output of generator to radiate only enough signal into receiver to obtain a suitable indication.
 Suggested Alignment Tools:

A1, A2, A3, A4, A6, A7, A9... GENERAL CEMENT #5000, 5066, 8290
 WALSCO #2525
 A5, A8..... GENERAL CEMENT #9440

	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
1.	455KC (400v 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.
5.	1.6MC	"	"	A7	"
6.	4.5MC	"	"	A8	"
7.	4MC	"	"	A9	"



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



TRANSISTORS

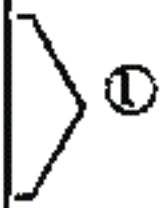
ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.	
X1	2SA17	Mixer	DS-25	GE-1		PNP
X2	2SA80	Oscillator	DS-25	GE-1		PNP
X3	2SA12	1st IF Amplifier	DS-25	GE-1		PNP
X4	2SA12	2nd IF Amplifier	DS-25	GE-1		PNP
X5	2SB75	AF Amplifier	DS-26	GE-2	2N406	PNP
X6	2SB75	Driver	DS-26	GE-2	2N406	PNP
X7	2SB77	Output	DS-26	GE-2	2N408	PNP
X8	2SB77	Output	DS-26	GE-2	2N408	PNP

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		HONEY TONE PART No.	REPLACEMENT DATA					
	CAP.	VOLT.		AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	GENERAL INSTRUMENT PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	100	10		BCD10100	ECPB417	MT1-19	MLV100-10	PET1400	VL-1140
C2	100	10		BCD10100	ECPB417	MT1-19	MLV100-10	PET1400	VL-1140
C3	30	6	①	BCD6025	ECPB412	MT1-13	MLV30-6	TT6X30	VL-1092
C4	30	6		BCD6025	ECPB412	MT1-13	MLV30-6	TT6X30	VL-1092
C5	30	6	①	BCD6025	ECPB412	MT1-13	MLV30-6	TT6X30	VL-1092
C6	5	3	(30) †	BCD3005	ECPB405	MT1-3	MLV5-6	TT6X5	VL-1035
C7	30	6		BCD6025	ECPB412	MT1-13	MLV30-6	TT6X30	VL-1092
C8	5	3	(30) †	BCD3005	ECPB405	MT1-3	MLV5-6	TT6X5	VL-1035

① Not used in some versions.
† Alternate Value.

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.	
C9A B C D		 ①							
C10	.04		TTD-05	CK-503	H05S5		TA-150	TG-S50	
C11	.01	(.04) †	TTD-01	CK-103	H05S1		TA-110	TG-S10	
C12	.04		TTD-05	CK-503	H05S5		TA-150	TG-S50	
C13	.01		TTD-01	CK-103	H05S1		TA-110	TG-S10	
C14	220		DI-220	DD-221	L10T22	CCD-221	GP222	10TS-T22	
C15	.001			DM-102	H05D1				
C16	700	(2800) †	DI-680	DD-681	L10T68	CCD-681	GP368	10TS-T68	
C17	.02	①	TTD-02	CK-203	H05S2		TA-120	TG-S20	
C18	.04	①	TTD-05	CK-503	H05S5		TA-150	TG-S50	
C19	5		NPO-DI 5	DTZ-4R7	C10V5C	CCTO-050	CNO-547	10TCC-V50	
C20	.04		TTD-05	CK-503	H05S5		TA-150	TG-S50	
C21	.04		TTD-05	CK-503	H05S5		TA-150	TG-S50	
C22	5		NPO-DI 5	DTZ-4R7	C10V5C	CCTO-050	CNO-547	10TCC-V50	
C23	.04		TTD-05	CK-503	H05S5		TA-150	TG-S50	
C24	.04		TTD-05	CK-503	H05S5		TA-150	TG-S50	
C25	.01		TTD-01	CK-103	H05S1		TA-110	TG-S10	
C26	.01		TTD-01	CK-103	H05S1		TA-110	TG-S10	
C27	.005		TTD-005	CK-502	H05D5		TA-250	TG-D50	
C28	.001			DM-102	H05D1				
C29	.02		TTD-02	CK-203	H05S2		TA-120	TG-S20	

① Not used in some versions. † Alternate Value.

CONTROLS

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

ITEM No.	USE	RESISTANCE	REPLACEMENT DATA				
			HONEY TONE PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
R1	Volume & Switch	5000Ω		B16-216 ①			

① Use Original Knob.

DESCRIPTION

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA					NOTES
		HONEY TONE PART No.	MERIT PART No.	MILLER PART No.	STANCOR PART No.	WORKMAN PART No.	
L1	Loopstick AM Osc. SW Osc. 1st IF 2nd IF 3rd IF						
L2							
L3							
L4							
L5							
L6							

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO		REPLACEMENT DATA					NOTES
			HONEY TONE PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
	PRI.	SEC.						
T1	2	1						

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					NOTES
			HONEY TONE PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
	PRI.	SEC.						
T2	200Ω CT	6-8Ω						

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		HONEY TONE PART No.	QUAM PART No.	
SP1	2 3/4" PM 6-8Ω		27A06Z12	

BATTERIES

ITEM No.	VOLTAGE	HONEY TONE PART No.	REPLACEMENT DATA			NOTES
			BURGESS	EVEREADY	MALLORY	
M1	6	① UM-3	930 (or AL-9, Hg-9)	1046 (or E91, E9)	M-16R (or MN1600, 2M-9)	4 Required

① Some versions may use a single 6V unit (Part #4AA).

MISCELLANEOUS

ITEM No.	PART NAME	HONEY TONE PART No.	NOTES
M2	Tuning Cap. Overload Detector Switch, Band Switch, Dial Lite		2 Gang
M3			1N34A (Not used in some versions)
M4			1N34A (Alternate Type 1N46)
M5			Slide Type
M6			Push Type

WIRING DATA

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