

RY	SPRAGUE
No.	PART No.
22	10TS-T10
	4PS-P22
	10TS-T27
22	10TS-S10
	4PS-P22
22	10TS-T47
	10TS-D39
	10TS-S20
22	10TS-S20
	4PS-P22
22	4PS-P22
	10TS-T10
0	125L-S10
0	125L-S10
0	125L-S10

MALLORY
PART No.
15L, SL41,
1500
MTC13L1
MTC13L1

DATA
CLAIRTONE
PART No.
600 020 10
600 020 10
600 020 10

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA				
		CLAIRTONE PART No.	MEISSNER Part No.	MERIT PART No.	MILLER PART No.	WORKMAN PART No.
L1	FM Antenna					
L2	FM RF					
L3	FM Oscillator					
L4	Mixer	①				
L5	1st. FM IF					
L6	2nd. FM IF					
L7	Loopstick	830 007 00				
L8	RF Choke (90uh)	830 006 00 ②	19-3093 *	TV-181 *	6177 *	T368 *
L9	AM Oscillator	830 008 00				
L10	3rd. FM IF	840 001 00				
L11	1st. AM IF	840 002 00				
L12	4th. FM IF	840 001 00				
L13	2nd. AM IF	840 002 00				
L14	Ratio Detector	840 003 00				
L15	67KC Trap	830 001 00			6345 †	
L16	19KC Amp. (Pri.)	830 003 00				
L17	19KC Amp. (Sec.)	830 003 00				
L18	38KC Output	830 002 00				

① Wound on 560Ω Resistor.
* Shunt with 390Ω Resistor.

② Wound on 390Ω Resistor.
† Clip off extra lug.

TRANSFORMER (POWER)

ITEM No.	RATING			REPLACEMENT DATA					NOTES
	PRI.	SEC. 1	SEC. 2	CLAIRTONE PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T1	117V AC	52V AC	6.3V AC	860 001 000 ①					① Used in Model T10.
	@	CT @	@	860 002 000 ②					② Used in Model T9.
	.155A AC	.63A DC	.47A AC						

FUSE DEVICES

ITEM No.	TYPE	RATING	REPLACEMENT DATA					
			PART No.		LITTELFUSE PART No.		BUSS PART No.	
F1	Circuit Breaker	.52 Amp.	FUSE	HOLDER	FUSE	HOLDER	FUSE	HOLDER
			820 002 00					

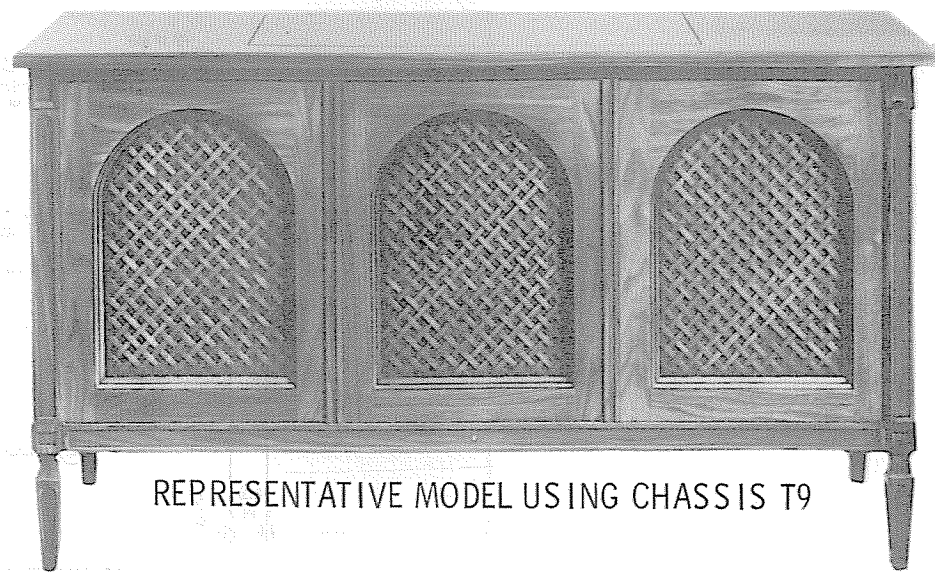
MISCELLANEOUS

ITEM No.	PART NAME	CLAIRTONE PART No.	NOTES
M1	FM Tuner Assembly	071 501 00	
S1	Switch	530 004 00	AC, On/Off (SPDT Slide)
S2	Switch	530 005 00	Speakers, On/Off (DPDT Slide)
S3	Switch	530 005 00	Ext. Speaker (DPDT Slide)
S4	Switch	530 007 00	AM (3PDT Slide)
S5	Switch	530 006 00	FMX (4PDT Slide)
S6	Switch	530 004 00	AFC
S7	Switch	530 005 00	Reverse (DPDT Slide)
S8	Switch	530 006 00	Sim (4PDT Slide)
S9	Switch	530 005 00	Mono (DPDT Slide)
S10	Switch	530 006 00	Aux. (4PDT Slide)
S11	Switch	530 006 00	Tape (4PDT Slide)
S12	Switch	530 006 00	Phono (4PDT Slide)
S13	Switch	530 007 00	Remote Speaker (3PDT Slide)
S14	Switch	530 003 00	Contour (Push-Push Slide Type)

PHOTOFACT® Folder

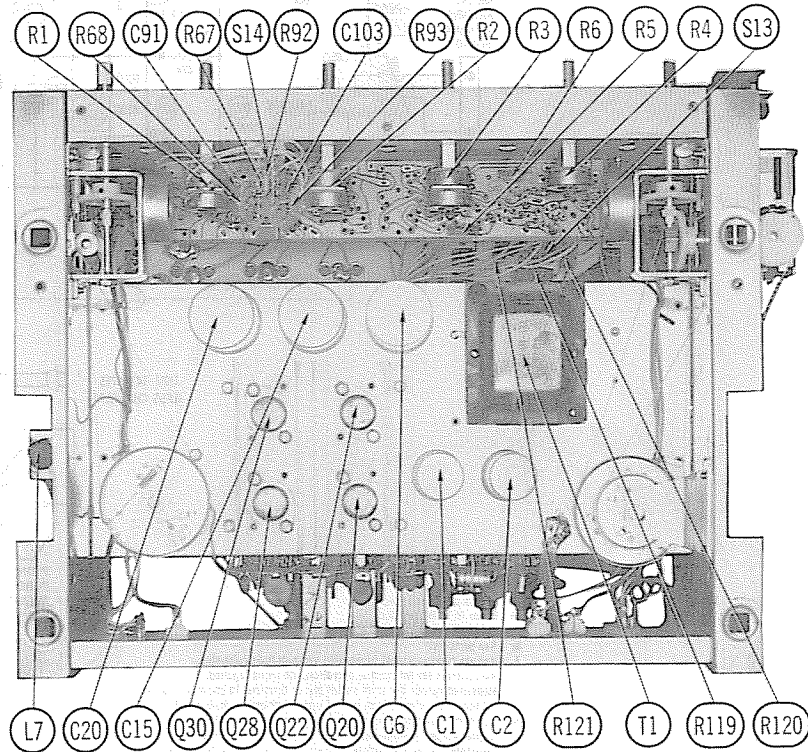
with CIRCUITRACE

CLAIRTONE
CHASSIS T9, T10



REPRESENTATIVE MODEL USING CHASSIS T9

TRADE NAME: Clairtone Chassis T9, T10
 SUPPLIER: For Current Address, See Annual Index.
 TYPE SET: 30 Transistor AM-FM-FM Stereo Receiver
 POWER SUPPLY: 105-120 Volts AC, 60 Cycles RATING: 14 Watts, .155 Amp. @ 117 Volts AC
 TUNING RANGE: BROADCAST 520-1640KC FREQ. MOD: 88-108MC



HOWARD W. SAMS & CO., INC. Indianapolis, Indiana 46206



The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of the particular type of replacement part listed. NP737

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DATE 9-66 SET 839 FOLDER 7

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 12 Colors
Power Cord	Use BELDEN No. 1706 (Plastic) or 1723 (Rubber) - 6 Ft.
Power Cord (Interlock Type)	Use BELDEN No. 8874 (Rubber) or 8895 (Plastic)

TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES	CLAIRSTONE PART No.
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.		
Q1	2N2494	FM RF	DS-41	GE-9	SK-3005	PNP	
Q2	2N2090	FM Converter	DS-41	GE-9	SK-3005	PNP	
Q3	2N2091	1st. FM IF	DS-56	GE-9	SK-3005	PNP	
Q4	2N992 (AF126)	1st. AM RF	DS-56	GE-9	SK-3005	PNP	800 504 00
Q5	2N992 (AF126)	2nd. AM RF	DS-56	GE-9	SK-3005	PNP	800 504 00
Q6	2N992 (AF126)	2nd. FM IF	DS-56	GE-9	SK-3005	PNP	800 504 00
Q7	2N992 (AF126)	1st. AM-3rd. FM IF	DS-56	GE-9	SK-3005	PNP	800 504 00
Q8	2N992 (AF126)	4th. FM IF	DS-56	GE-9	SK-3005	PNP	800 504 00
Q9	2N992 (AF126)	MPX Input	DS-26	GE-2	SK-3005	PNP	800 504 00
Q10	2N992 (AF126)	19KC Doubler	DS-26	GE-2	SK-3005	PNP	800 504 00
Q11	AC130	MPX Det.	DS-26	GE-2	SK-3005	NPN	800 505 00
Q12	AC126 (2N2429)	Trigger	DS-26	GE-2	SK-3005	PNP	800 505 00
Q13	AC126 (2N2429)	Trigger	DS-26	GE-2	SK-3005	PNP	800 505 00
Q14	2N2926	Stereo Ind. Control	DS-66	GE-10	SK-3020	NPN	800 501 00
Q15	2N2926	AF Amp.	DS-66	GE-10	SK-3020	NPN	800 501 00
Q16	2N2926	AF Amp.	DS-66	GE-10	SK-3020	NPN	800 501 00
Q17	2N2926	AF Amp.	DS-66	GE-10	SK-3020	NPN	800 501 00
Q18	2N2207 (AF118)	AF Amp.	DS-26	GE-2	SK-3004	PNP	800 502 00
Q19	AC132 (2N2707)	AF Amp.	DS-26	GE-2	SK-3004	PNP	800 503 00
Q20	15024	Output	DS-520	GE-3	SK-3009	PNP	800 507 00
Q21	AC127 (2N2707)	AF Amp.	DS-520	GE-3	SK-3009	PNP	800 507 00
Q22	15024	Output	DS-520	GE-3	SK-3009	PNP	800 507 00
Q23	2N2926	AF Amp.	DS-66	GE-10	SK-3020	NPN	800 501 00
Q24	2N2926	AF Amp.	DS-66	GE-10	SK-3020	NPN	800 501 00
Q25	2N2926	AF Amp.	DS-66	GE-10	SK-3020	NPN	800 501 00
Q26	2N2207 (AF118)	AF Amp.	DS-26	GE-2	SK-3004	PNP	800 502 00
Q27	AC132 (2N2707)	AF Amp.	DS-26	GE-2	SK-3004	PNP	800 503 00
Q28	15024	Output	DS-520	GE-3	SK-3009	PNP	800 507 00
Q29	AC127 (2N2707)	AF Amp.	DS-520	GE-3	SK-3009	PNP	800 507 00
Q30	15024	Output	DS-520	GE-3	SK-3009	PNP	800 507 00

• When replacing, apply silicone grease to both sides of insulator. Tighten mounting screws securely. Check bias adjustment.

POWER RECTIFIERS & SIGNAL DIODES

ITEM No.	MEASURED CURRENT	ORIGINAL Part or Type No.	RECTIFIERS & DIODES		RECTIFIERS		
			GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	RCA PART No.	SARKES TARZIAN PART No.
X1	.070A	800 006 00 (G100B)	GE-505 or GE-504A	8D4 or 5A4-D	A100 or CTP100①	SK-3016 or SK-3017	40C or S-5981①
X2	.070A	800 006 00 (G100B)	GE-505 or GE-504A	8D4 or 5A4-D	A100 or CTP100①	SK-3016 or SK-3017	40C or S-5981①
X3	.260A	800 006 00 (G100B)	GE-505 or GE-504A	8D4 or 5A4-D	A100 or CTN100②	SK-3016 or SK-3017	40C or S-5981-N②
X4	.260A	800 006 00 (G100B)	GE-505 or GE-504A	8D4 or 5A4-D	A100 or CTN100②	SK-3016 or SK-3017	40C or S-5981-N②
X5		1N541	1N60	1N541			
X6		800 003 00 (AA119)	1N60	1N60			
X7		800 005 00 (AA119)	1N60	1N60			
X8		800 003 00 (AA119)	1N60	1N60			
X9		800 003 00 (AA119)	1N60	1N60			
X10		800 003 00 (AA119)	1N60	1N60			
X11		800 002 00③	1N60	1N542③			
X12		800 002 00③	1N60	1N542③			
X13		800 001 00 (BA114)	1N60	1N60			
X14		800 001 00 (BA114)	1N60	1N60			
X15	.020A	800 004 00 (1E12Z5 12V)					

① A single unit replacement for X1 and X2. ② A single unit replacement for X3 and X4. ③ Matched Pair.

PARTS LIST AND DESCRIPTION

(When ordering parts, state Model, Part Number, and Description.)

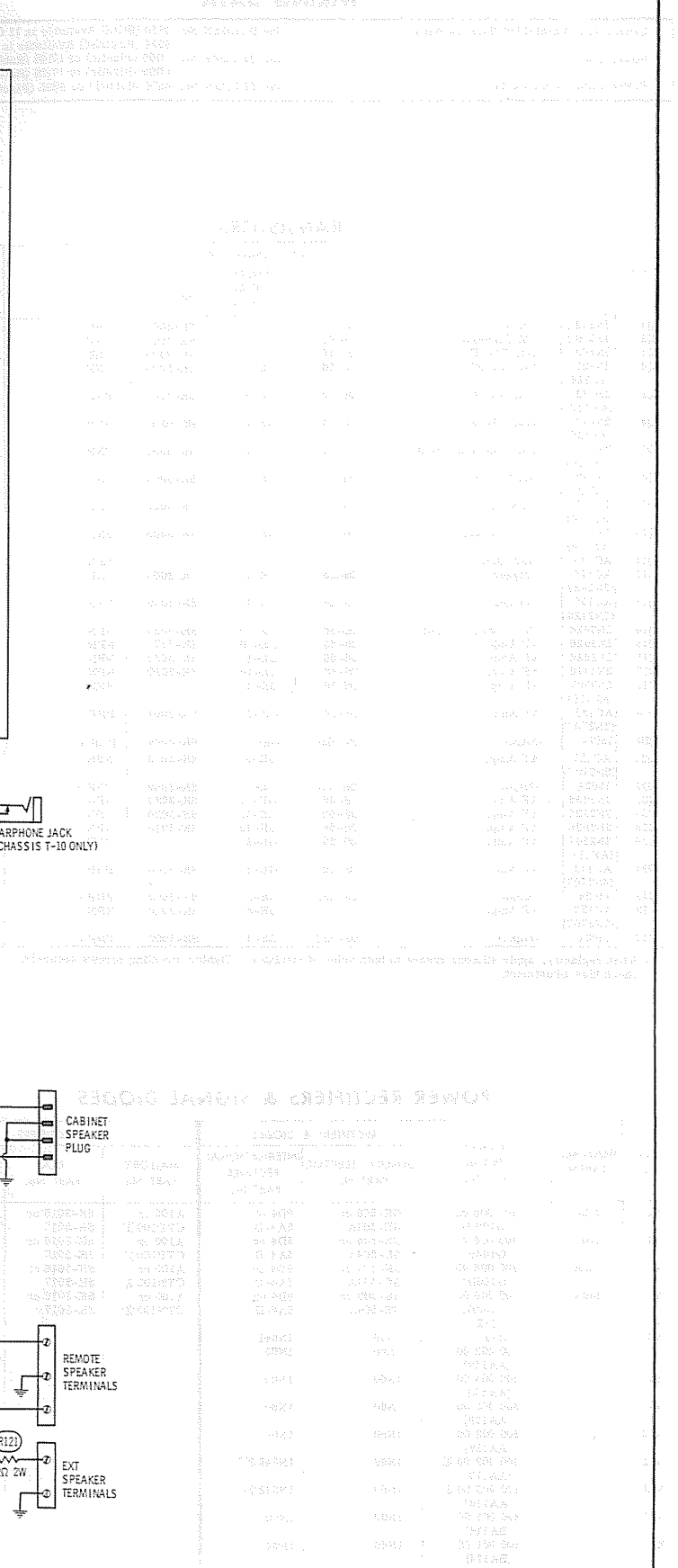
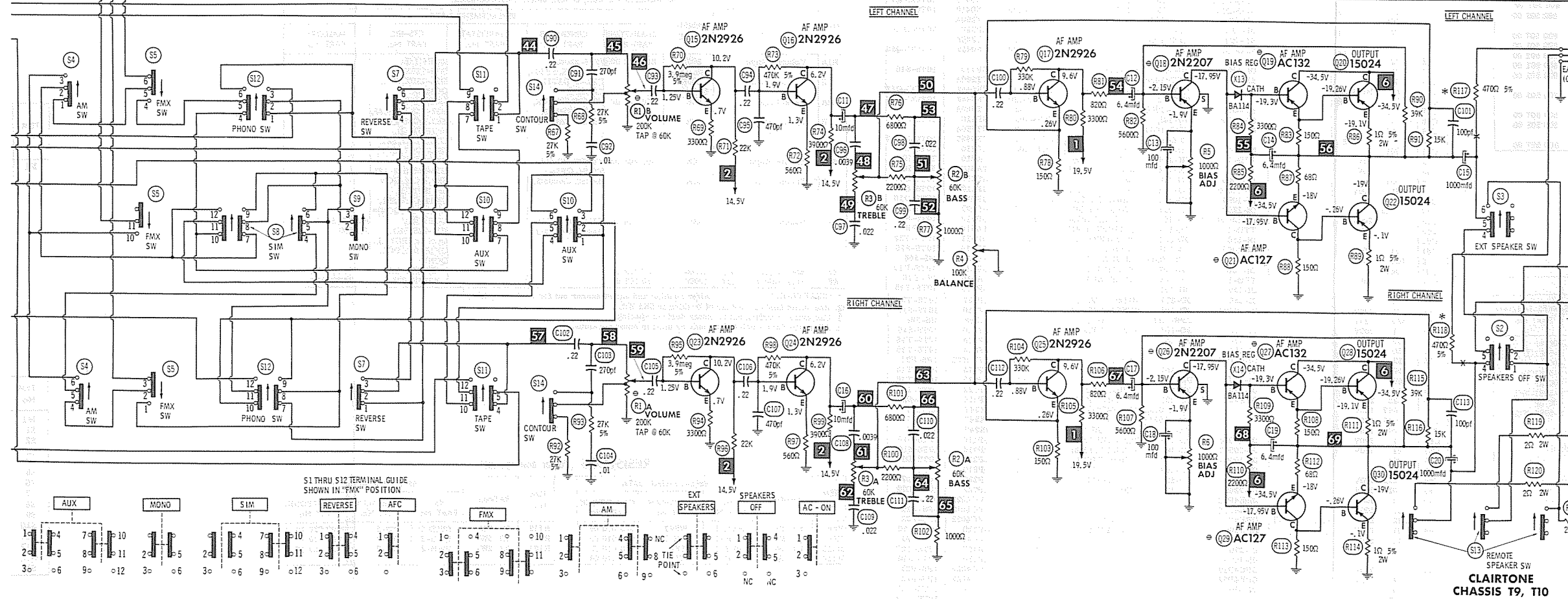
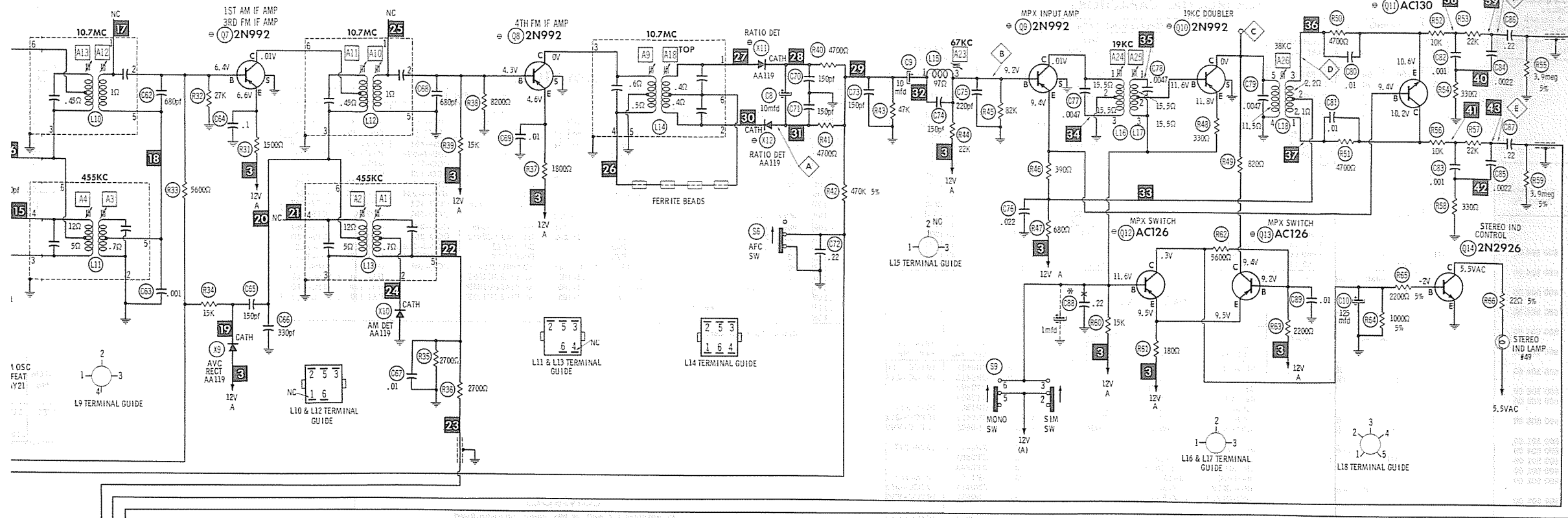
ELECTROLYTIC CAPACITORS

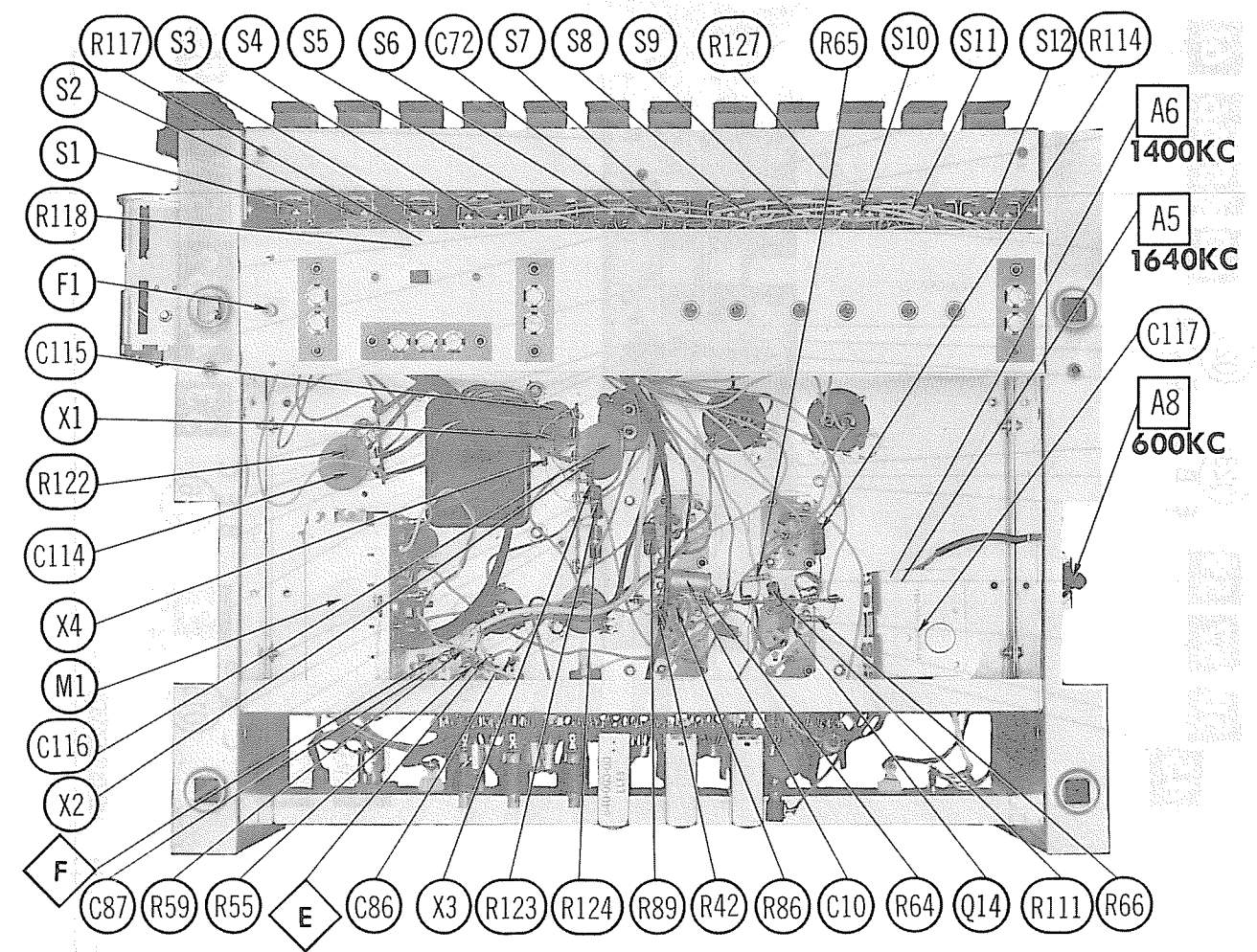
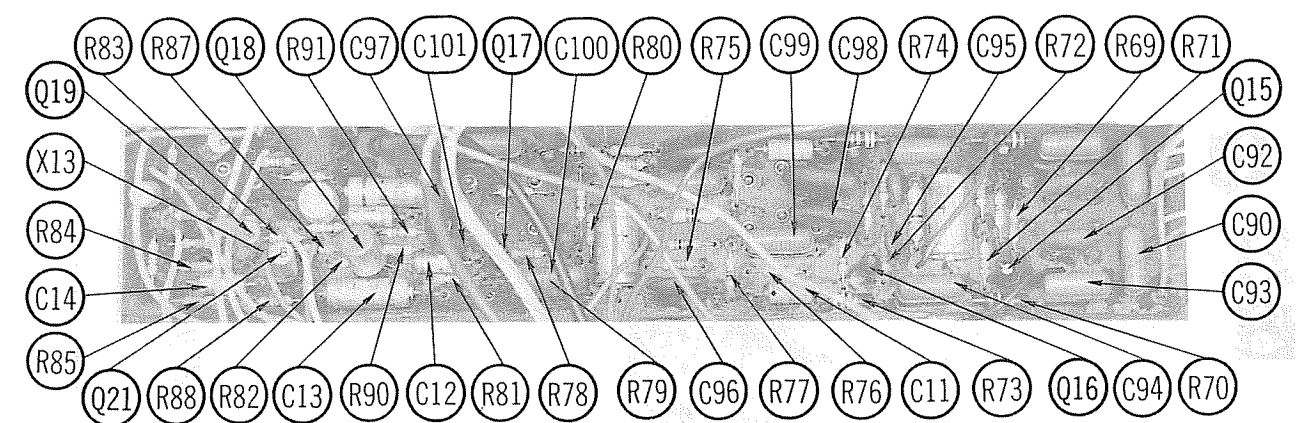
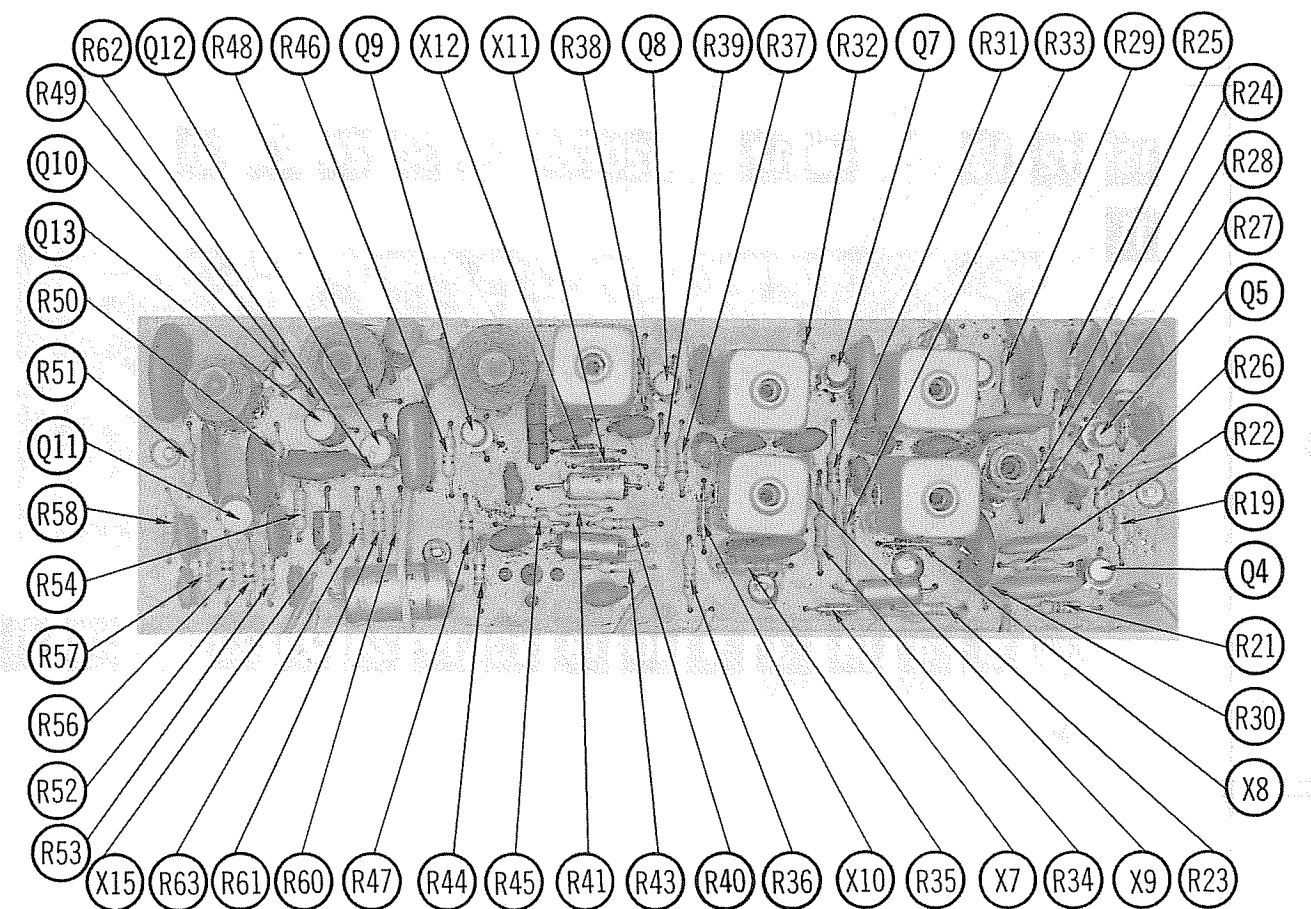
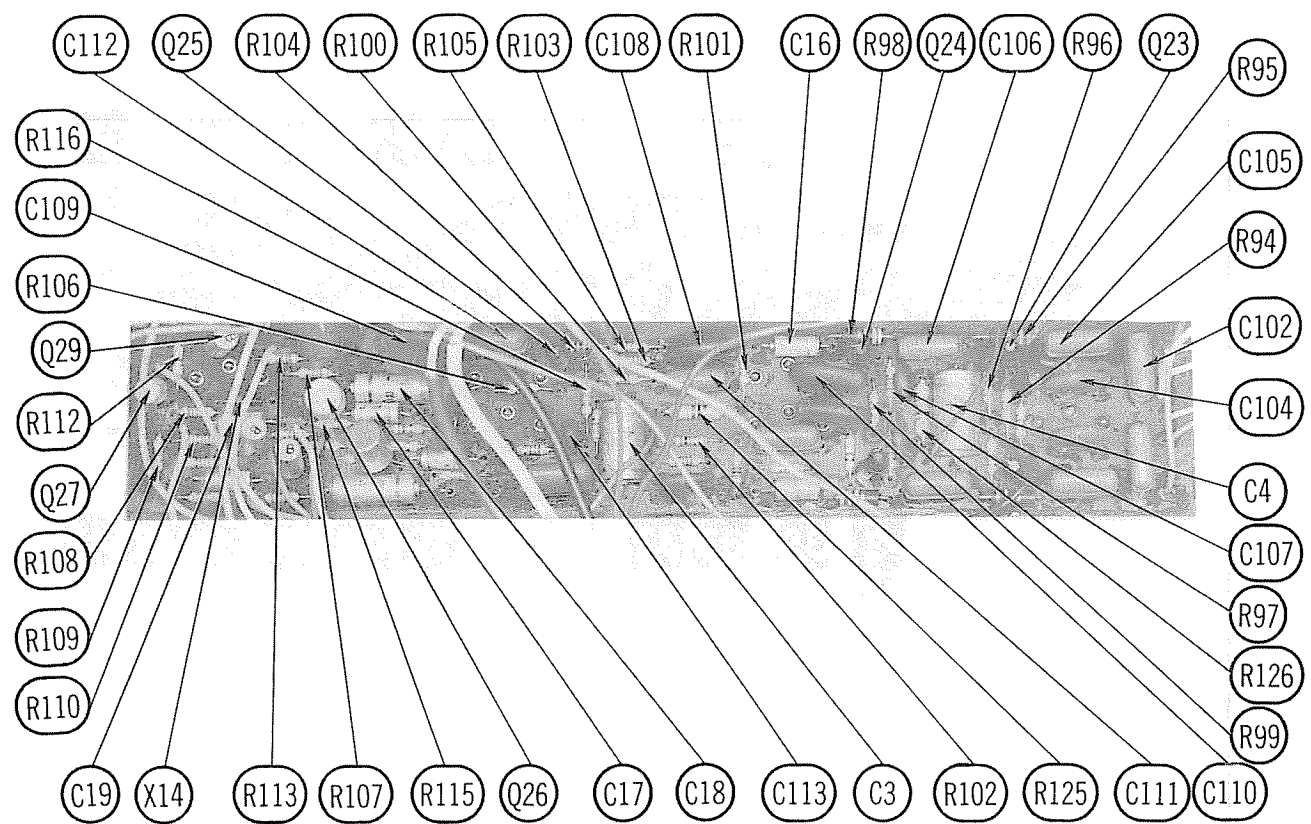
ITEM No.	RATING		REPLACEMENT DATA				
	CAP.	VOLT.	CLAIRSTONE PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	MALLORY PART No.
C1	500	50	760 501 00		BR500-50	XC1-25.1	WP066A
C2	500	50	760 501 00		BR500-50	XC1-25.1	WP066A
C3	80	25	770 800 06	CRE520A	NLW75-25	MT1-20	TT25X75
C4	125	16	770 131 05	CRE476A	NLW125-15	MT1-23	TT15X100
C5	125	16	770 131 05	CRE476A	NLW125-15	MT1-23	TT15X100
C6	1000	50	760 102 10		XC1-26.1		FP066.5
C7	25	6.4	770 250 03	CRE312A	NLW25-10	MT1-10	TT6X25
C8	10	16	770 100 05	CRE457A	NLW10-15	MT1-5	TT15X10
C9	10	16	770 100 05	CRE457A	NLW10-15	MT1-5	TT15X10
C10	125	16	760 131 05	CRE476A	NLW125-15	MT1-23	TT15X100
C11	10	16	770 100 05	CRE457A	NLW10-15	MT1-5	TT15X10
C12	6.4	25	770 060 06	CRE605A	NLW6-25	MT1-5	TT25X6
C13	100	6.4	770 101 03	CRE323A	NLW100-12	MT1-18	TT6X100
C14	6.4	25	770 060 06	CRE605A	NLW6-25	MT1-5	TT25X6
C15	1000	35	760 102 11		XC1-26.1①		FP066.5①
C16	10	16	770 100 05	CRE457A	NLW10-15	MT1-5	TT15X10
C17	6.4	25	770 060 06	CRE605A	NLW6-25	MT1-5	TT25X6
C18	100	6.4	770 101 03	CRE323A	NLW100-12	MT1-18	TT6X100
C19	6.4	25	770 060 06	CRE605A	NLW6-25	MT1-5	TT25X6
C20	1000	35	760 102 11		XC1-26.1①		FP066.5①

① Use insulating sleeve and mounting wafer.

CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA					
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL- DUBILIER PART No.	ELMENCEO PART No.	MALLORY PART No.	SPRAGUE PART No.
C21	3.3	±.25	NPO-DI3.0	DTZ-3R3		CCTO-3R3	CN0533	10TCC-V30
C22	12	10%		TCZ-12	CZ601CG120J	CCTO-120	CN0412	10TCC-Q12
C23	.001		EF-001	MFT-1000		CCF-102	CT280A	
C24	.001		EF-001	MFT-1000		CCF-102	CT280A	
C25	.02		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C26	15	10%	NPO-DI15	DTZ-15	CZ601CG150J	CCTO-150	CN0415	10TCC-Q15
C27	6.8	10%	NPO-DI6.8	DTZ-6R8	CZ601CH6R8D	CCTO-6R8	CN0568	10TCC-V68
C28								
C29	470	10%	DI-470	DD-471	JBZ601YP471K	CCD-471	GP347	10TS-T47
C30	.001		EF-001	MFT-1000		CCF-102	CT280A	
C31	.001		EF-001	MFT-1000		CCF-102	CT280A	
C32	.01		DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C33	39	NPO 10%	NPO-DI39	TCZ-39		CCTO-390	CN0439	10TCC-Q39
C34	3.3		NPO-DI3.0	DTZ-3R3		CCTO-3R3	CN0533	10TCC-V30
C35								
C36	10	10%	NPO-DI10	DTZ-10	CZ601CG100J	CCTO-100	CN0410	10TCC-Q10
C37	10	10%	NPO-DI10	DTZ-10	CZ601CG100J	CCTO-100	CN0410	10TCC-Q10
C38	.001		EF-001	MFT-1000		CCF-102	CT280A	
C39	100	10%	DI-1000	DD-102	JBS601YP102K	CCD-102	GP210	10TS-D10
C40	.001		EF-001	MFT-1000		CCF-102	CT280A	
C41	39	NPO 5%	NPO-DI39	TCZ-39		CCTO-390	CN0439	10TCC-Q39
C42	220							
C43	.01		DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C44	.001		EF-001	MFT-1000		CCF-102	CT280A	
C45	12	NPO 10%		TCZ-12	CZ601CG120J	CCTO-120	CN0412	10TCC-Q12
C46	82	5%		DTZ-82		CCTO-820	CN0482	10TCC-Q82
C47	.001		EF-001	MFT-1000		CCF-102	CT280A	
C48	.01		DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	
C49	.001		EF-001	MFT-1000		CCF-102	CT280A	
C50	82	5%		DTZ-82		CCTO-820	CN0482	10TCC-Q82
C51	.001		DI-1000	DD-102	JBS601YP102K	CCD-102	GP210	10TS-D10
C52	.1	25V	TTD-1	CK-104	HCZ3R0XR104P	TA010	TG-P10	
C53	.1	25V	TTD-1	CK-104	HCZ3R0XR104P	TA010	TG-P10	
C54	.001		DI-1000	DD-102	JBS601YP102K	CCD-102	GP210	10TS-D10
C55	.01	200V	DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C56	.001		DI-1000	DD-102	JBS601YP102K	CCD-102	GP210	10TS-D10
C57	.0022		DI-2200	DD-222	JBX601YP222K	CCD-222	GP222	10TS-D22
C58	.01	200V	DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C59	.1	25V	TTD-1	CK-104	HCZ3R0XR104P	TA010	TG-P10	
C60	330		DI-330	DD-331	JBZ601YP331K	CCD-331	GP331	10TS-T33
C61	.01	200V	DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C62	680	160V		CPR-680J	CD19F681J500	DM-16-681	MS-368	
C63	.001		DI-1000	DD-102	JBS601YP102K	CCD-102	GP210	10TS-D10
C64	.1	25V	TTD-1	CK-104	HCZ3R0XR104P	TA010	TG-P10	
C65	150		DI-150	DD-151		CCD-151	GP315	10TS-T15
C66	330		DI-330	DD-331	JBZ601YP331K	CCD-331	GP331	10TS-T33
C67	.01	200V	DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C68	680	125V		CPR-680J	CD19F681J500	DM-16-681	MS-368	
C69	.01	200V	DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C70	150		DI-150	DD-151		CCD-151	GP315	10TS-T15
C71	150		DI-150	DD-151		CCD-151	GP315	10TS-T15
C72	.22	200V	DBE4P22	DMF4P22		4DP-5-224	PVC4022	4PS-P22
C73	150		DI-150	DD-151		CCD-151	GP315	10TS-T15
C74	150		DI-150	DD-151		CCD-151	GP315	10TS-T15
C75	220		DI-220	DD-221	JBZ601YP221K	CCD-221	GP322	10TS-T22
C76	.022	200V	BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C77	.0047	125V		CPR-4700J	CD19F472J500	DM-19-472	MS-247	
C78	.0047	125V		CPR-4700J	CD19F472J500	DM-19-472	MS-247	
C79	.0047	125V		CPR-4700J	CD19F472J500	DM-19-472	MS-247	
C80	.01	200V	DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C81	.01	200V	DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C82	.001		DI-1000	DD-102	JBS601YP102K	CCD-102	GP210	10TS-D10
C83	.001		DI-1000	DD-102	JBS601YP102K	CCD-102	GP210	10TS-D10
C84	.0022	200V	DI-2200	DD-222	JBX601YP222K	CCD-222	GP222	10TS-D22
C85	.0022	200V	DI-2200	DD-222	JBX601YP222K	CCD-222	GP222	10TS-D22
C86	.22	200V	DBE4P22	DMF4P22		4DP-5-224	PVC4022	4PS-P22
C87	.22	200V	DBE4P22	DMF4P22		4DP-5-224	PVC4022	4PS-P22
C88	.22	200V	DBE4P22	DMF4P22		4DP-5-224	PVC4022	4PS-P22
C89	.01	200V	DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C90	.22	200V	DBE4P22	DMF4P22		4DP-5-224	PVC4022	4PS-P22
C91	270		DI-270	DD-271		CCD-271	GP327	10TS-T27
C92	.01		DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C93	.22	200V	DBE4P22	DMF4P22		4DP-5-224	PVC4022	4PS-P22
C94	.22	200V	DBE4P22	DMF4P22		4DP-5-224	PVC4022	4PS-P22
C95	470		DI-470	DD-471	JBZ601YP471K	CCD-471	GP347	10TS-T47
C96	.0039	200V		DD-392		CCD-392	GP359	10TS-S39
C97	.022	200V	BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C98	.022	200V	BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C99	.22	200V	DBE4P22	DMF4P22		4DP-5-224	PVC4022	4PS-P22
C100	.22	200V	DBE4P22	DMF4P22		4DP-5-224	PVC4022	4PS-P22





ALIGNMENT INSTRUCTIONS

Maintain line voltage at 117 volts. Use only enough generator output to obtain a suitable indication. Allow a 15 minute warmup for receiver and equipment.
CAUTION: Use isolation transformer, if available. If not, observe polarity when connecting test equipment.
Suggested Alignment Tools:
A1 thru A4, A7, A9 thru A13, A18, A22 thru A26. GENERAL CEMENT: 9296, 9300, 9302 WALSCO: 2510, 2511, 2547
A5, A6, A19, A20, A21. GENERAL CEMENT: 8868, 8987, 9089 WALSCO: 2531-X, 2541, 2587
A14 thru A17. GENERAL CEMENT: 8606, 8869, 9302 WALSCO: 2511, 2543, 2588

AM ALIGNMENT — SELECTOR IN AM POSITION

Fashion loop of several turns of wire and connect generator across loop. Set volume control at maximum.

GENERATOR FREQUENCY	DIAL SETTING	INDICATOR	ADJUST	REMARKS
1. 455KC (400v Mod.)	Tuning gang fully open.	Output Meter across Voice coil.	A1, A2, A3, A4.	Adjust for maximum. Repeat until no further improvement can be made.
2. 1640KC	"	"	A5.	Adjust for maximum.
3. 1400KC	Tune to signal.	"	A6.	"
4. 600KC	"	"	A7, A8.	Rock tuning gang and adjust for maximum. Repeat steps 2 thru 4 until no further improvement can be made. To adjust A8, slide antenna coil along ferrite core for maximum indication.

FM ALIGNMENT USING AM SIGNAL GENERATOR — SELECTOR IN FM POSITION

Connect generator across antenna terminals with 120Ω carbon resistors in series with each lead.

GENERATOR FREQUENCY	DIAL SETTING	INDICATOR	ADJUST	REMARKS
5. 10.7MC (Unmod.)	Point of non-interference.	DC probe of VTVM to point A; common to ground.	A9, A10, A11, A12, A13, A14, A15, A16, A17.	Adjust for maximum.
6. "	"	DC probe to point A; common to ground.	A18.	Adjust for zero reading. A positive or negative reading will be obtained on either side of the correct setting.

FM IF ALIGNMENT USING FM SIGNAL GENERATOR — SELECTOR IN FM POSITION

Connect generator across antenna terminals with 120Ω carbon resistors in series with each lead. Use only enough marker signal to obtain indication. Use 60v frequency modulated signal with 450KC sweep. Use 120v sawtooth voltage in scope for horizontal deflection.

GENERATOR FREQUENCY	DIAL SETTING	INDICATOR	ADJUST	REMARKS
5. 10.7MC (450KC Swp.)	Point of non-interference	Vert. amp. of Scope to point A; low side to ground.	A9, A10, A11, A12, A13, A14, A15, A16, A17.	Disconnect stabilizing capacitor C8. Adjust for maximum gain and symmetry of response similar to Fig. 1 with marker as shown. Reconnect C8.
6. "	"	Vert. amp. to point A; low side to ground.	A18.	Adjust A 18 (Secondary) to place marker at center of crossover lines similar to Fig. 2. Adjust A 9 (Primary) for maximum amplitude and straightness of crossover lines.

FM RF ALIGNMENT

Connect generator across antenna terminals with 120Ω carbon resistors in series with each lead.

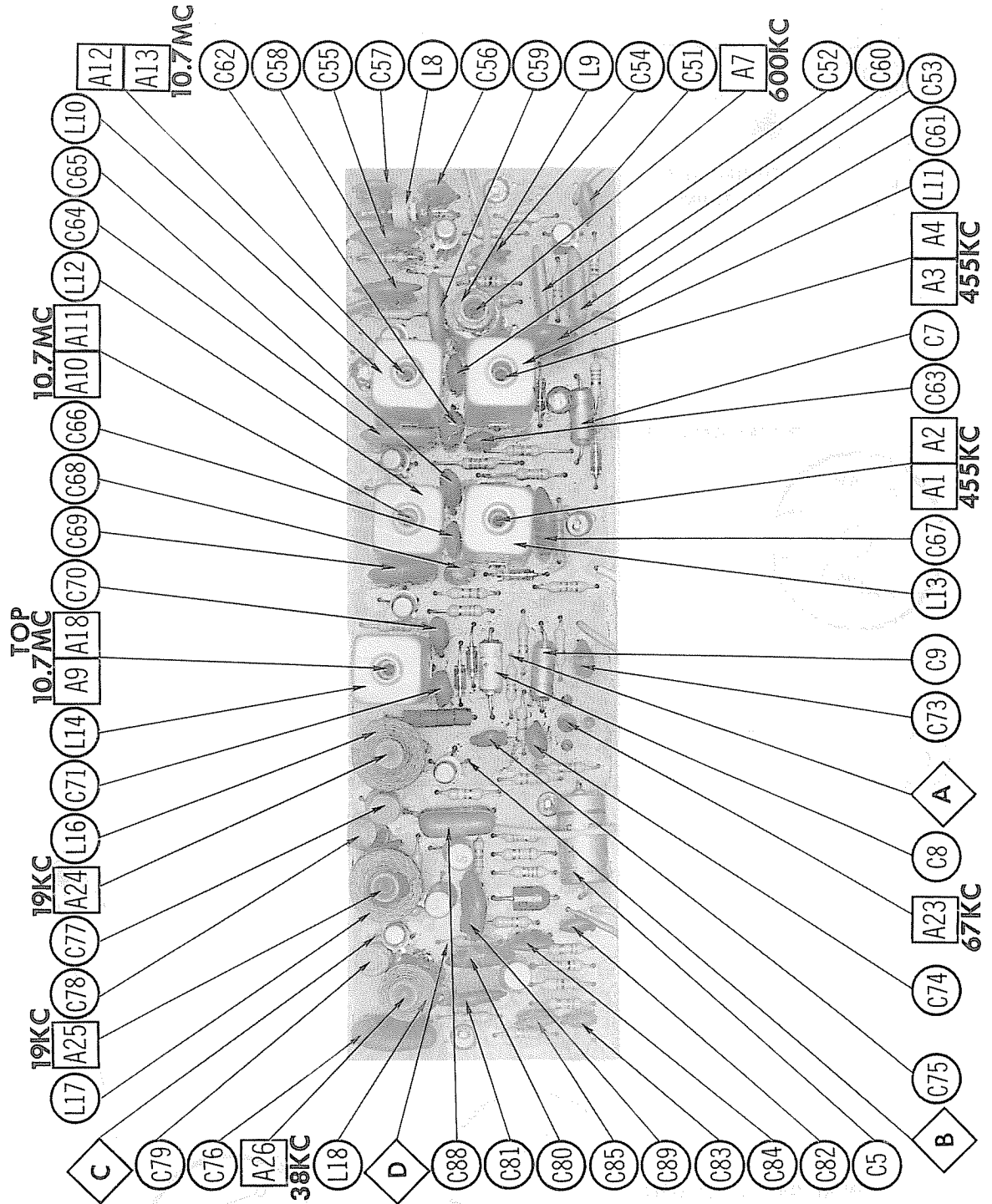
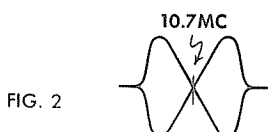
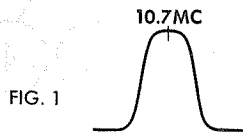
GENERATOR FREQUENCY	DIAL SETTING	INDICATOR	ADJUST	REMARKS
7. 108MC	Set at high end.	DC probe of VTVM to point A; common to ground.	A19, A20, A21.	Adjust for maximum.
8. 90MC	Tune to signal.	"	A22.	Rock tuning and adjust for maximum. Repeat steps 7 and 8 until no further improvement can be made.

FM STEREO MULTIPLEX ALIGNMENT USING FM STEREO SIGNAL GENERATOR (± .0001%) ACCURACY)

Connect high side of generator to point A, low side to ground.

GENERATOR FREQUENCY	INDICATOR	ADJUST	REMARKS
9. 67KC	Vert. amp. of Scope thru a 1 meg to point A; low side to ground.	A23.	Adjust for MINIMUM.
10. 19KC	Vert. amp. thru 47K to point A; low side to ground.	A24, A25.	Adjust for maximum.
11. "	Vert. amp. thru 47K to point A; low side to ground.	A26.	Adjust maximum for 38KC response.
12. Modulated Left Channel	Vert. amp. to point A; low side to ground.	A24, A25, A26.	Adjust for MINIMUM. This step should require only slight adjustment.
13. Modulated Right Channel	Vert. amp. to point A; low side to ground.		Check for MINIMUM. Make compromise adjustments of A24, A25 and A26 if necessary.

To align multiplex section using an air signal, first make sure FM section is properly aligned. Tune in a strong FM stereo signal. Follow steps 9 thru 13 above except in step 9 adjust to eliminate whistle or interference.



CLAIRTONE
CHASSIS T9, T10

FOLDER 7

DIAL CORD STRINGING

