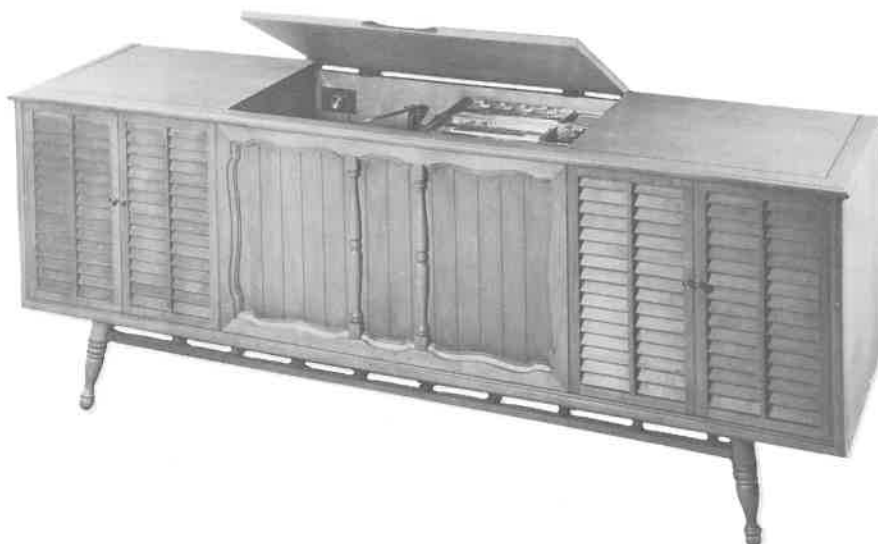


PHOTOFACT® Folder

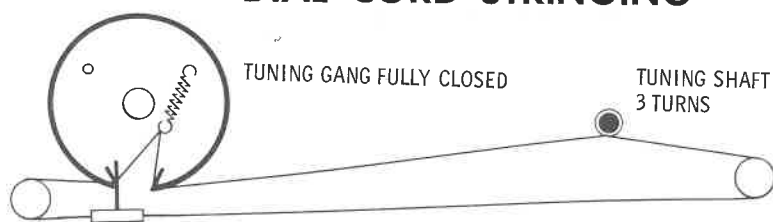
with CIRCUITRACE®

ADMIRAL CHASSIS
4F4, 4F4A, 8L3, 8L3A, 12B2ADMIRAL CHASSIS
4F4, 4F4A, 8L3, 8L3A, 12B2

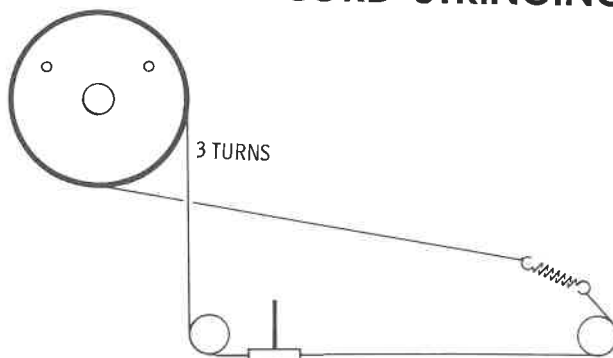
TRADE NAME:	Admiral Models:	Tuner Chassis:	Preamp. Chassis:	Power Amp. Chassis:
	YG411	12B2	4F4A	8L3A
	YG8201	12B2	4F4	8L3
	YG8215	12B2	4F4	8L3
	PA451		4F4A	
	PS461			8L3A
	TM441	12B2		
SUPPLIER:	For Current Address, See Annual Index.			
TYPE SET:	12-Transistor AM-FM-FM Stereo Tuner, 2-Transistor Preamp, 10-Transistor Power Amplifier with 4-Speed Automatic Record Changer			
POWER SUPPLY:	110-120 Volts AC, 60 Cycles RATING: 25 Watts, .390 Amp. @ 117 Volts AC (Less Motor)			
TUNING RANGE:	BROADCAST 535-1620KC FREQ. MOD: 88-108MC			

ADMIRAL CHASSIS
4F4, 4F4A, 8L3, 8L3A, 12B2

DIAL CORD STRINGING



DRIVE CORD STRINGING



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

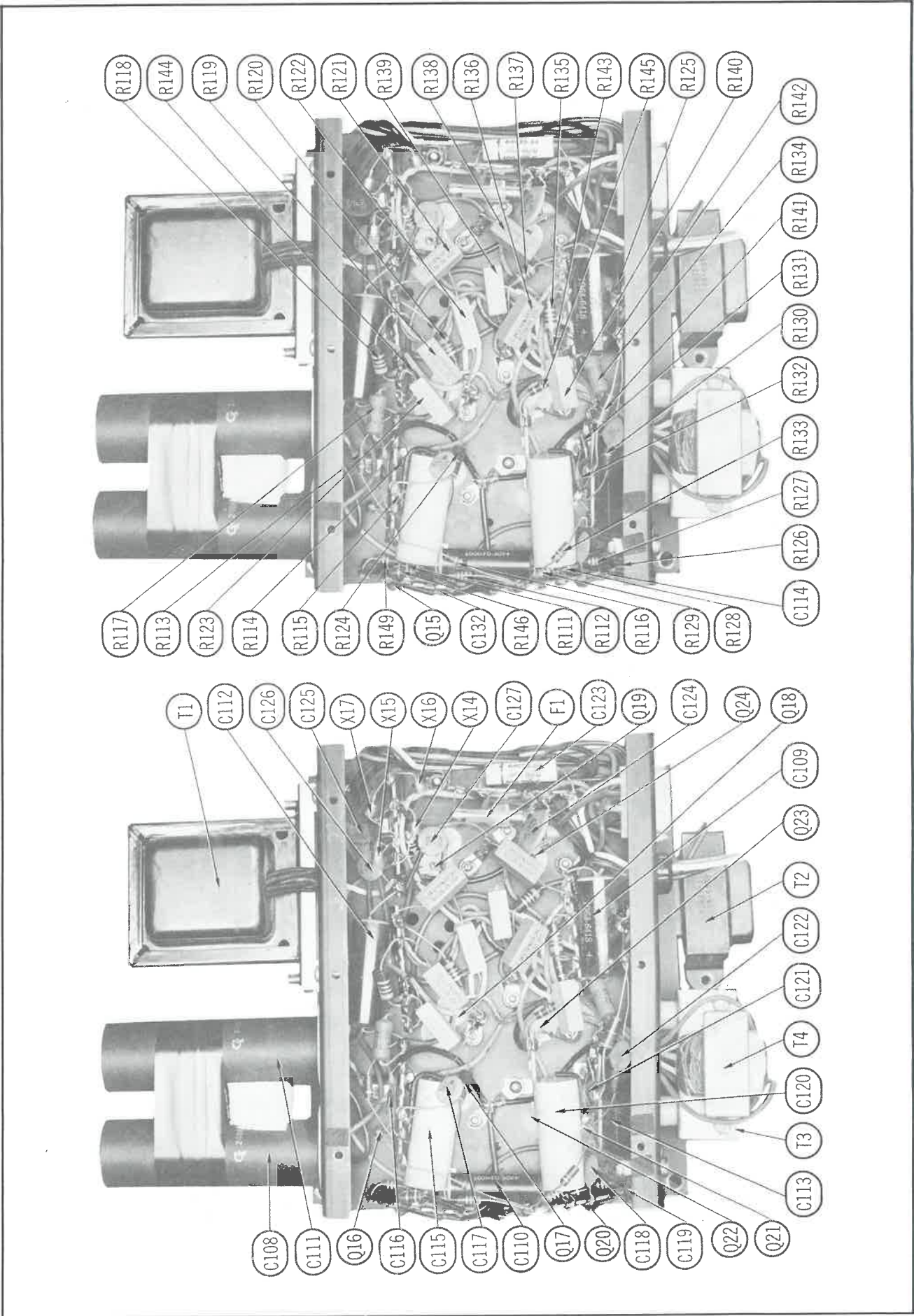
The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of the particular type of replacement part listed. NN748

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DATE 10 -66

SET 843 FOLDER 4





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 A7, A9 thru A20, GENERAL CEMENT: 8868, 8987, 9089 WALSCO: 2531-X, 2541, 2587
 A8, A21, A24 thru A27. GENERAL CEMENT: 8606, 8869, 9302 WALSCO: 2511, 2543, 2588
 A22, A23. GENERAL CEMENT: 9296, 9300, 9302 WALSCO: 2510, 2511, 2547

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, A5.	Adjust for maximum. Repeat until no further improvement can be made.
2. 1620KC	"	"	A6.	Adjust for maximum.
3. 1400KC	Tune to signal.	"	A7.	"
4. 800KC	"	"	A8.	Rock tuning gang and adjust for maximum. Repeat steps 2 thru 4 until no further improvement can be made.
5. 10KC	High End.	"	A9.	Adjust for MINIMUM.

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
6. 10.7MC (Unmod.)	Point of non-interference.	DC probe of VTVM to point A; common to ground.	A10, A11, A12, A13, A14, A15, A16, A17.	Adjust for maximum.
7. "	"	DC probe to point B; 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
6. 10.7MC (450KC Swp.)	Point of non-interference	Vert. amp. of Scope to point A; low side to ground.	A10, A11, A12, A13, A14, A15, A16, A17.	Disconnect stabilizing capacitor C 5. Adjust for maximum gain and symmetry of response similar to Fig. 1 with marker as shown. Reconnect C 5.
7. "	"	Vert. amp. to point B; low side to ground.	A18.	Adjust A18 (Secondary) to place marker at center of crossover lines similar to Fig. 2. Adjust A 10(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.

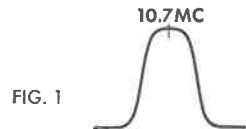
GENERATOR FREQUENCY	DIAL SETTING	INDICATOR	ADJUST	REMARKS
8. 108MC	Set at high end.	DC probe of VTVM to point A; common to ground.	A19, A20, A21.	Adjust for maximum.
9. 90MC	Tune to signal.	"	A22, A23, A24.	Rock tuning and adjust for maximum. Repeat steps 7 and 8 until no further improvement can be made.

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

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

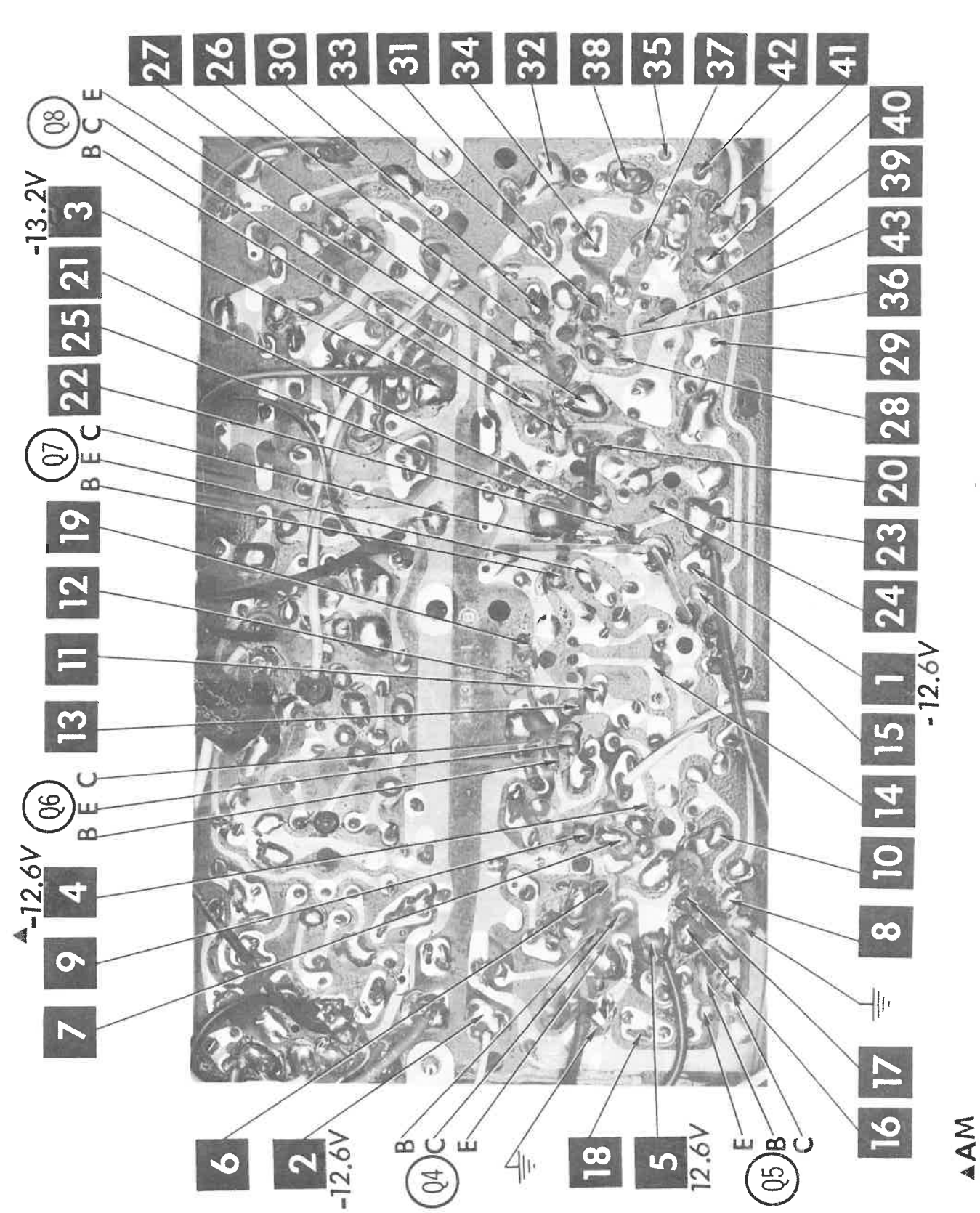
GENERATOR FREQUENCY	INDICATOR	ADJUST	REMARKS
10. 18KC	Vert. amp. of Scope thru a 1 meg to point A; low side to ground.	A25.	Adjust for maximum.
11. 19KC	Vert. amp. thru 47K to point B; low side to ground.	A26.	Adjust for maximum.
12. "	Vert. amp. thru 47K to point C; low side to ground.	A27, A28.	Adjust maximum for 38KC response.
13. Modulated Left Channel	Vert. amp. to point D; low side to ground.	A26, A27, A28.	Adjust for MINIMUM. This step should require only slight adjustment.
14. Modulated Right Channel	Vert. amp. to point E; low side to ground.		Check for MINIMUM. Make compromise adjustments of A26, A27 and A28 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 10 thru 14 above.

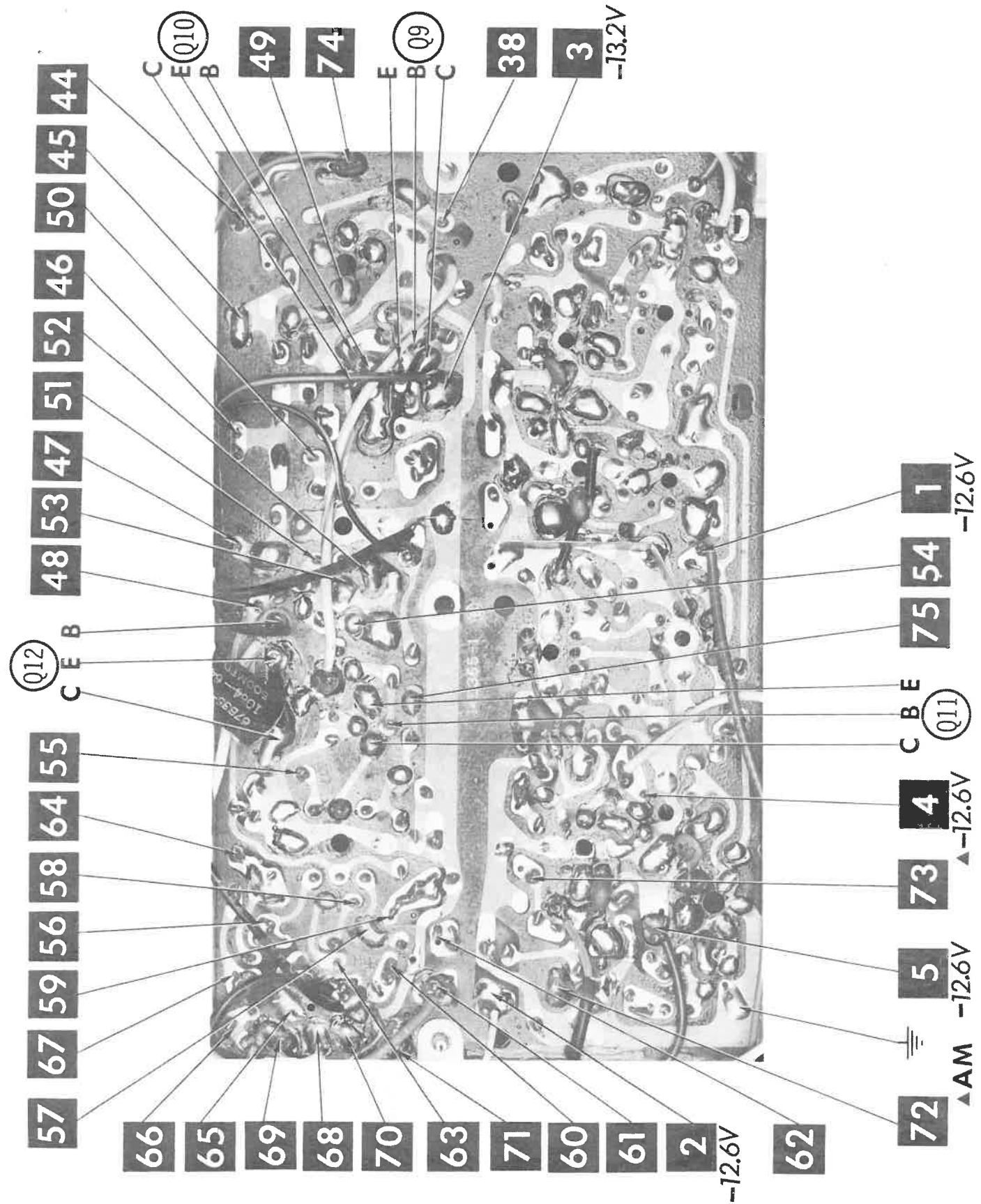


ADMIRAL CHASSIS
 4F4, 4F4A, 8L3, 8L3A, 12B2

FOLDER 4



▲AM



AMP PARTS LIST AND DESCRIPTION (CONTINUED)

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

TRANSFORMER

ITEM No.	RATING			REPLACEMENT DATA					NOTES
	PRI.	SEC. 1	SEC. 2	ADMIRAL PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T2	117V AC @ .115A AC	12.6V AC CT @ .757A AC		80C93-1 (80B93-1)					

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO			REPLACEMENT DATA					NOTES
	PRI.	SEC. 1	SEC. 2	ADMIRAL PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T3	2.4	1	1	79D101-4F (79C101-4)					
T4	2.4	1	1	79D101-4F (79C101-4)					

SPEAKER

ITEM No.	TYPE				REPLACEMENT DATA		NOTES
					ADMIRAL PART No.	QUAM PART No.	
SP1	15"	PM	6-8Ω		78C199-2	15C12L	② Used in Model YG411 only.
SP2	6"	PM	6-8Ω		78D162-15 (78C162-15)	6A1Z8	
SP3	3 1/2"	PM	30Ω		78D148-14	3A05Z30	
SP4	Horn	Tweeter	PM 6-8Ω		78C200-1		
SP5	15"	PM	6-8Ω		78C199-2	15C12L	
SP6	6"	PM	6-8Ω		78D162-15 (78C162-15)	6A1	
SP7	3 1/2"	PM	30Ω		78D148-14	3A05Z30	
SP8	Horn	Tweeter	PM 6-8Ω		78C200-1		
	3 1/2"	PM			78C148-14②	3A05Z30	
	6"	PM			78C162-15②	6A1Z8	
	15"	PM			78C199-2②	15C12L	
	Horn	Tweeter			78C200-1②		

FUSE DEVICES

ITEM No.	TYPE	RATING	REPLACEMENT DATA					
			PART No.		LITTELFUSE PART No.		BUSS PART No.	
			FUSE	HOLDER	FUSE	HOLDER	FUSE	HOLDER
F1	3AG Pigtail	3 Amp. @250V	84A7-4		318003		GJV 3	

MISCELLANEOUS

ITEM No.	PART NAME	ADMIRAL PART No.	NOTES
S4	Switch	77B132-3	Speaker

CABINETS & CABINET PARTS

(When Ordering Specify Model, Chassis & Color)

ITEM	PART No.	ITEM	MODEL	PART No.
Crystal-Balance Indicator	21C174-4	Cabinet-Walnut	YG8201	35E918-1
Escutcheon-Pre-Amp	799A1216	Cabinet- Maple	YG8215	35E922-5
Knob-Preference Controls	33C552-6	Cabinet-Fruitwood	YG8229	35E923-9
Knob-Speaker Switch	33C552-13	Cabinet-Walnut	TM441	35E1058-1
Pushbuttons	33C603-1	Cabinet-Walnut	PA451	35E1059-1
		Cabinet-Walnut	PS461	35E1060-2

WIRING DATA

General-use Unshielded Hook-up Wire Use BELDEN No. 8530 (Solid) Available in 12 Colors 8524 (Stranded) Available in 12 Colors
Power CordUse BELDEN No. 17106 (Plastic) or 17126 (Rubber) - 6 Ft. 17109 (Plastic) or 17129 (Rubber) - 9 Ft.
Power Cord (Interlock Type)Use BELDEN No. 8874 (Rubber) or 8895 (Plastic)

TUNER PARTS LIST AND DESCRIPTION

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

TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES	ADMIRAL PART No.
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.		
Q1		FM RF Amp.	DS-41		SK-3006	PNP	57D5-1
Q2		FM Mixer	DS-41		SK-3006	PNP	57D5-2
Q3		FM Oscillator	DS-41		SK-3006	PNP	57D5-4
Q4	2N1180	1st FM IF	DS-56	GE-9	SK-3006	PNP	57D1-107
Q5	2N1526	AM Converter	DS-56	GE-9	SK-3008	PNP	57D1-97
Q6	2N1180	1st AM IF-2nd FM IF	DS-56	GE-9	SK-3006	PNP	57D1-114
Q7	2N1180	2nd AM IF-3rd FM IF	DS-56	GE-9	SK-3008	PNP	57D1-107
Q8	2N1180	3rd AM IF-4th FM IF	DS-56	GE-9	SK-3006	PNP	57D1-107
Q9	2N2614	MPX Input Amp.	DS-26	GE-2	SK-3004	PNP	57D1-105
Q10	2N2614	19KC Amp.	DS-26	GE-2	SK-3004	PNP	57D1-105
Q11	2N2614	38KC Amp.	DS-26	GE-2	SK-3004	PNP	57D1-105
Q12	2N406	MPX Ind. Amp.	DS-26	GE-2	SK-3003	PNP	57D1-27

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA					
	CAP.	VOLT.	ADMIRAL PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	1000	15	67B35-22	PRS1230	BR1000-15	QTI-32	TC1501	TL-1166.5
C2	1000	15	67B35-22	PRS1230	BR1000-15	QTI-32	TC1501	TL-1166.5
C3	10	6	67B35-7	CRE307A	NLW10-6	MT1-5	TT6X10	TE-1087
C4	10	6	67B35-7	CRE307A	NLW10-6	MT1-5	TT6X10	TE-1087
C5	4	9	67B35-16	CRE403A	NLW4-15	MT1-3	TT12X4	TE-1123
C6	4	3	67B35-27	CRE203A	NLW4-15	MT1-3	TT3X4	TE-1052.1
C7	4	3	67B35-27	CRE203A	NLW4-15	MT1-3	TT3X4	TE-1052.1
C8	10	6	67B32-28	BCD6010	NLW10-6	MT1-5	PET1340	VL-1087
C9	500	6	67B35-23	PRS1120	BR500-6	QTI-30	MTA500F6	TVA-1103

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	.030A	93B12-1	GE-504A or GE-505	SD500 or 5A4-D	1N536 or A50	SK-3016 or SK-3017	F-4 or 40C
X2		93B38-1					
X3		93B27-1		1N60			
X4		93B25-2① (1N542)	1N60	1N542 ①			
X5		93B25-2① (1N542)	1N60	1N542 ①			
X6		93B27-1	1N60	1N60			
X7		93B27-3	1N60	1N60			
X8		93B27-3	1N60	1N60			
X9		93B27-3	1N60	1N60			
X10		93B27-3	1N60	1N60			
X11		93B27-3	1N60	1N60			
X12		93B27-3	1N60	1N60			
X13	.075A	93B39-1		Z1008	ZA7.5A		.25T7.5

① Matched pair of 1N541's.

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	10	NPO 5%		NPO-DI 10	DTZ-10	CZ601CG100J	CCTO-100	CN0410	10TCC-Q10
C11	10	NPO 5%		NPO-DI 10	DTZ-10	CZ601CG100J	CCTO-100	CN0410	10TCC-Q10
C12	.002			DI-2200	DD-222	JBX601YP222K	CCD-222	CN0410	10TS-D22
C13	.002		#65B26-13						
C14	3.3	NPO ±.25	(6.8 5%)†	NPO-DI 3.0	DTZ-3R3	CZ601CG100J	CCTO-3R3	CN0533	10TCC-V30
C15	10	NPO 5%		NPO-DI 10	DTZ-10		CCTO-100	CN0410	10TCC-Q10
C16	.002		#65B26-13						
C17	.002		#65B26-13						
C18	5	NPO 5%		NPO-DI 5.0	DTZ-4R7	CZ601CH5R0D	CCTO-050	CN0547	10TCC-V50
C19	330	500V 5%	#65C80-11						
C20	2.2	±.25		NPO-DI 2.2	DTZ-2R2	CZ601CJ2R2D	CCTO-2R2	CN0522	10TCC-V22
C21	.002			DI-2200	DD-222	JBX601YP222K	CCD-222	CN0533	10TS-D22
C22	.002		#65B26-13						
C23	4	NPO ±.25	#65D10-218						
C24									
C25	5	N470 5%	#65D10-334						
C26	.002		#65B26-13						
C27	.002		#65B26-13						
C28	680	500V 5%	#65C48-19						
C29	2		#65B26-12						
C30	.02	100V		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C31	2.2	N750 ±.25						CN7522	10TCU-V22
C32	.02	100V		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C33	.02	100V		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C34	.01	50V		TTD-01	CK-103	HCZ3R0XR103P	CCD-103	TA110	TG-S10
C35	3.3	NPO ±.25		NPO-DI 3.3	DTZ-3R3		CCTO-3R3	CN0533	10TCC-V30
C36	.001	125V 5%	#65C80-1						
C37	.02	100V		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C38	.001	125V 5%	#65C80-1						
C39	.001	125V 5%	#65C80-1						
C40	2.2	N750 ±.25						CN7522	10TCU-V22

ADMIRAL CHASSIS
4F4, 4F4A, 8L3, 8L3A, 12B2

FOLDER 4

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CAPACITORS (cont)

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.
C41	.02 100V	#65C80-2	BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C42	.02 100V		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C43	5 NPO 5%		NPO-DI 5.0	DTZ-4R7	CZ601CH5R0D	CCTO-050	CN0547	10TCC-V50
C44	.002 125V 5%		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C45	.02 100V			CPR-1800J	CD19F182J500	DM-19-182	SX218	MS-218
C46	.0018 125V 5%			CPR-1000J	CD19F102J500	DM-19-102	SX210	MS-210
C47	.001 125V 5%			CPR-1000J	CD19F202J500	DM-19-202	SX220	MS-22
C48	2.2 N750 ±.25		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C49	.02 100V			CPR-1000J	CD19F102J500	DM-19-102	SX210	MS-210
C50	.001 125V 5%			CPR-1000J	CD19F202J500	DM-19-202	SX220	MS-22
C51	.002 125V 5%			DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C52	.02 100V	#65D10-252	BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C53	.02 100V		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C54	3.3 NPO ±.25		NPO-DI 3.0	DTZ-3R3	CZ601CH5R0D	CCTO-3R3	CN0533	10TCC-V30
C55	.02 100V		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C56	300		DI-330	DD-331	JBZ601YP331K	CCD-331	GP331	10TS-T33
C57	300		DI-330	DD-331	JBZ601YP331K	CCD-331	GP331	10TS-T33
C58	.002 125V 5%		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C59	.02 100V			CPR-180J	CD15F181J500	DM-15-181	SX318	MS-318
C60	.02 100V			CPR-270J	CD15F271J500	DM-15-271	SX327	MS-327
C61	.02 100V			CPR-220J	CD15F221J500	DM-15-221	SX322	MS-322
C62	.0039 160V 5%	#65D10-252	BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C63	300		DI-330	DD-331	JBZ601YP331K	CCD-331	GP331	10TS-T33
C64	100 125V 5%		DI-5000	DD-501	JBZ601YP501K	CCD-501	GP350	10TS-T50
C65	470 500V 5%			DD-471	JBZ601YP471K	CCD-471	GP347	10TS-T47
C66	.005 1KV 10%			DD-221	JBZ601YP221K	CCD-221	GP322	10TS-T22
C67	.47 10V			DD-221	JBZ601YP221K	CCD-221	GP322	10TS-T22
C68	.0039 125V 5%		TTD-1	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C69	.1 50V			CK-104	HCZ3R0XR104P	TA010	TG-P10	
C70	.02 100V			CK-104	HCZ3R0XR104P	TA010	TG-P10	
C71	.0039 125V 5%			CK-104	HCZ3R0XR104P	TA010	TG-P10	
C72	.1 50V	#65D10-252	TTD-1	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C73	180 100V 5%		ADM-15-181	CPR-180J	CD15F181J500	DM-15-181	SX318	MS-318
C74	270 100V 5%		ADM-15-271	CPR-270J	CD15F271J500	DM-15-271	SX327	MS-327
C75	220 100V 5%		ADM-15-221	CPR-220J	CD15F221J500	DM-15-221	SX322	MS-322
C76	150 10V 10%		DI-150	DD-151	JBZ601YP150K	CCD-151	GP315	10TS-T15
C77	.0039 125V 5%		DI-220	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C78	220			DD-221	JBZ601YP221K	CCD-221	GP322	10TS-T22
C79	82 N1500			DD-501	JBZ601YP501K	CCD-501	GP350	10TS-T50
C80	510 10V 10%		DI-500	DD-471	JBZ601YP471K	CCD-471	GP347	10TS-T47
C81	430 10V 10%	#65D10-252	DI-470	DD-221	JBZ601YP221K	CCD-221	GP322	10TS-T22
C82	220		DI-220	DD-221	JBZ601YP221K	CCD-221	GP322	10TS-T22
C83	82 N1500		DI-500	DD-501	JBZ601YP501K	CCD-501	GP350	10TS-T50
C84	510 10V 10%		DI-470	DD-471	JBZ601YP471K	CCD-471	GP347	10TS-T47
C85	430		#68C101-1	DD-501	JBZ601YP501K	CCD-501	GP350	10TS-T50
C86	430			DD-471	JBZ601YP471K	CCD-471	GP347	10TS-T47
C87	430			DD-221	JBZ601YP221K	CCD-221	GP322	10TS-T22
C88	.03 50V			DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C89	.02 50V			CK-104	HCZ3R0XR104P	TA010	TG-P10	
C90	.03 50V			CK-104	HCZ3R0XR104P	TA010	TG-P10	
C91	100 N1500	#65D10-84	TTD-03	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C92	.001		TTD-03	CK-303	HCZ3R0XR203P	CCD-303	GP130	TG-S30
C93	.002 50V		DI-1000	DD-102	JBX601YP222K	CCD-102	GP210	10TS-D10
C94	.02 100V		DI-2200	DD-222	JBX601YP222K	CCD-222	GP222	10TS-D22
C95	.02 50V		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C96	.01		TTD-02	CK-203	HCZ3R0XR203P	CCD-203	GP130	TG-S30
C97	.01		DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C98	.1 50V		DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C99	.03 50V		TTD-1	CK-104	HCZ3R0XR104P	TA010	TG-P10	
C100	.02 50V		TTD-03	CK-303	HCZ3R0XR203P	CCD-303	GP130	TG-S30
C101	.03 50V	#65D10-84	TTD-02	CK-203	HCZ3R0XR203P	CCD-203	GP120	10TS-S20
C102	100 N1500		TTD-03	CK-303	HCZ3R0XR203P	CCD-303	GP130	TG-S30
C103	.001		DI-1000	DD-102	JBX601YP222K	CCD-102	GP210	10TS-D10
C104	.002 50V		DI-2200	DD-222	JBX601YP222K	CCD-222	GP222	10TS-D22
C105	.02 100V		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C106	.02 50V		TTD-02	CK-203	HCZ3R0XR203P	CCD-203	GP130	TG-S30
C107	.1 50V		TTD-03	CK-303	HCZ3R0XR203P	CCD-303	GP130	TG-S30
C108	.001		DI-1000	DD-102	JBX601YP222K	CCD-102	GP210	10TS-D10
C109	.002 50V		DI-2200	DD-222	JBX601YP222K	CCD-222	GP222	10TS-D22
C110	.02 100V		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C111	.02 50V		TTD-02	CK-203	HCZ3R0XR203P	CCD-203	GP130	TG-S30
C112	.01	#65D10-84	DI-1000	DD-102	JBX601YP222K	CCD-102	GP210	10TS-D10
C113	.01		DI-2200	DD-222	JBX601YP222K	CCD-222	GP222	10TS-D22
C114	.02 100V		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C115	.02 50V		TTD-02	CK-203	HCZ3R0XR203P	CCD-203	GP130	TG-S30
C116	.01		DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C117	.01		DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C118	.03 50V		TTD-1	CK-104	HCZ3R0XR104P	TA010	TG-P10	
C119	100 N1500		TTD-03	CK-303	HCZ3R0XR203P	CCD-303	GP130	TG-S30
C120	2mfd 100V		DI-1000	DD-102	JBX601YP222K	CCD-102	GP210	10TS-D10
C121	22 N750		DI-2200	DD-222	JBX601YP222K	CCD-222	GP222	10TS-D22
C122	.01	#65D10-84	BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C123	.047 400V		DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C124	.01 1.4KV		DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C125	.02		TTD-03	CK-303	HCZ3R0XR203P	CCD-303	GP130	TG-S30
C126	.01		DI-1000	DD-102	JBX601YP222K	CCD-102	GP210	10TS-D10
C127	.01		DI-2200	DD-222	JBX601YP222K	CCD-222	GP222	10TS-D22
C128	8mfd 35VAC		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C129	4mfd 35VAC		DI-1000	DD-102	JBX601YP222K	CCD-102	GP210	10TS-D10
C130	8mfd 35VAC		DI-2200	DD-222	JBX601YP222K	CCD-222	GP222	10TS-D22
C131	4mfd 35VAC		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-S20
C132	.03 50V		TTD-03	CK-303	HCZ3R0XR203P	CCD-303	GP130	TG-S30

* Not normally in distributor's stock. Available thru distributor on order to manufacturer.

Admiral Part Number.

† Alternate Value

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA				
		ADMIRAL PART No.	MEISSNER Part No.	MERIT PART No.	MILLER PART No.	WORKMAN PART No.
L1	Balun	700A544-1				
L2	FM Antenna	69D301-1				
L3	FM RF	69C301-2				
L4	FM Oscillator	69C301-3				
L5	RF Choke	73B58-1	19-2007	BC-560	4590	T803
L6	RF Choke	73B31-4	19-1010		4622	T861
L7	RF Choke	73B31-4	19-1010		4622	
L8	1st FM IF	72C240-3				
L9	2nd FM IF	72C240-4				
L10	Loopstick	69B229-4			2007*	TA509
L11	AM Oscillator	69C223-10				
L12	1st AM IF	72C264-1				
L13	3rd FM IF	72C240-5				
L14	2nd AM IF	72C264-2				
L15	4th FM IF	72C240-7				
L16	3rd AM IF	72C264-3				
L17	Ratio Detector	72C241-2				
L18	4th AM IF	72C264-4				
L19	10KC Trap	69B305-1				
L20	RF Choke	73B31-4	19-1010		4622	T861
L21	RF Choke	73B31-3	19-1011	TV-192	72F275AP	T860
L22	67KC Trap	73B8-15				
L23	67KC Trap	73B8-15				
L24	19KC Amp.	69B309-1				
L25	19KC Doubler	69D274-6-J				
L26	38KC Output	72D237-7-P				
L27	RF Choke	73B31-4	19-1010		4622	T861

* Drill mounting hole.

MISCELLANEOUS

ITEM No.	PART NAME	ADMIRAL PART No.	NOTES
M1	Meter	59B3-1	
S1	Switch	77C144-1	Tuning Function

PREAMP

TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES	ADMIRAL PART No.
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.		
Q13	SE4010	Preamp.	DS-66	GE-10	SK-3020	NPN	57D1-123
Q14	SE4010	Preamp.	DS-66	GE-10	SK-3020	NPN	57D1-123

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA				
	CAP.	VOLT.	ADMIRAL PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	MALLORY PART No.
C87	1000	25	67B35-25 (67C35-25)	PRS1295	BR1000-25		TVA-1211

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.
C88	.03	50V	#65D10-84	TTD-03	CK-303	HCZ3R0XR203P	CCD-303	GP130	TC-S30
C89	.02	50V		TTD-02	CK-203		CCD-203	TA120	TG-S20
C90	.03	50V		TTD-03	CK-303		CCD-303	GP130	TG-S10
C91	100	N1500				*	*		
C92	.001			DI-1000	DD-102	JBS601YP102K	CCD-102	GP210	10TS-D10
C93	.002	50V		DI-2200	DD-222	JBX601YP222K	CCD-222	GP222	10TS-D22
C94	.02	100V		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-D20
C95	.02	50V		TTD-02	CK-203	HCZ3R0XR203P	CCD-203	TA120	TG-S20
C96	.01			DI-10000	DD-103	BYX801ZU103M	CCD-103	GP110	10TS-S10
C97	.01			DI-10000	DD-103	BYX601ZU103M	CCD-103	GP110	10TS-S10
C98	.1	50V	TTD-1	CK-104	HCZ3R0XR104P		TA010	TG-P10	
C99	.03	50V	TTD-03	CK-303		CCD-303	GP130	TG-S30	
C100	.02	50V	TTD-02	CK-203	HCZ3R0XR203P	CCD-203	TA120	TG-S20	
C101	.03	50V	TTD-03	CK-303		CCD-303	GP130	TG-S30	
C102	100	N1500	#65D10-84			*	*		
C103	.001			DI-1000	DD-102	JBS601YP102K	CCD-102	GP210	10TS-D10
C104	.002	50V		DI-2200	DD-222	JBX601YP222K	CCD-222	GP222	10TS-D22
C105	.02	100V		BPD-02	DD-203	BYT601ZU203Z	CCD-203	GP120	10TS-D20
C106	.02	50V		TTD-02	CK-203	HCZ3R0XR203P	CCD-203	TA120	TG-S20
C107	.1	50V		TTD-1	CK-104	HCZ3R0XR104P		TA010	TG-P10

