

## PARTS LIST AND DESCRIPTIONS TUBES (GENERAL ELECTRIC, SYLVANIA)

ITEM No.	USE	TYPE	NOTES
V1	RF Amplifier Converter	12EG6	
V2		12AD6	

### TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA				NOTES
			CBS PART No.	RAYTHEON PART No.	SYLVANIA PART No.		
X1	2N573	Driver	2N176	2N573	2N176	PNP	Note 1
X2	2N176	Output	2N176	2N573	2N176	PNP	

Note 1. When replacing, apply DC-A grease (Part #11M490487), of equivalent, to both side of the insulator and tighten mounting screws securely.

### ELECTROLYTIC CAPACITORS

ITEM No.	RATING CAP. VOLT.	MOTOROLA PART No.	AEROVOX PART No.	CORNELL-DUBIER PART No.	MALLORY PART No.	PYRAMID PART No.	SPRAGUE PART No.	NOTES
C1A	1000 16	20K561990	APH2-08-40		PW7200-4		PCL3-2179*	

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

### FIXED CAPACITORS

Capacity values given in the rating column are in mfd. for Paper Capacitors, and in mmfd. for Mica and Ceramic Capacitors.

ITEM No.	RATING CAP. VOLT.	MOTOROLA PART No.	AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBIER PART No.	MALLORY PART No.	SPRAGUE PART No.	NOTES
C2	18-115		20K543026	DF-104	EC3PJ3	ACE401	2SE-P10	
C3	1		8K124891	TC2-383	C10V33C	2T-5533	STCCB-V33	
C4	3.3		21RU5921	N750-D1 47	CUC4TU	CNT-447	STCU-Q47	
C5	50-250		20K561324					
C6	47		20K561564					
C7	100		20K561323					
C8	150-210		20K561323					
C9	5000		8R121573					
C10	5000							
C11	3300		21K120422					

① Some values may use 100mfd N470 5% in this application (Part #21R120337T). Be wired to printed board if not previously done so.

② Some values may use 300mfd in this application (Part #21R120337T).

### CONTROLS

ITEM No.	RATING RESIST. WATTS	MOTOROLA PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	IRC PART No.	MALLORY PART No.	INSTALLATION NOTES
R1A	4meg 1/2 watt	18K561733①	P1-82	RTV661C		UE-3831-S	Tone Volume, Tap @ 600K Power On-Off Bias
R2	150	18K561139	KE-7			PFL-15	

① Part #18K561733 used in Model 857.

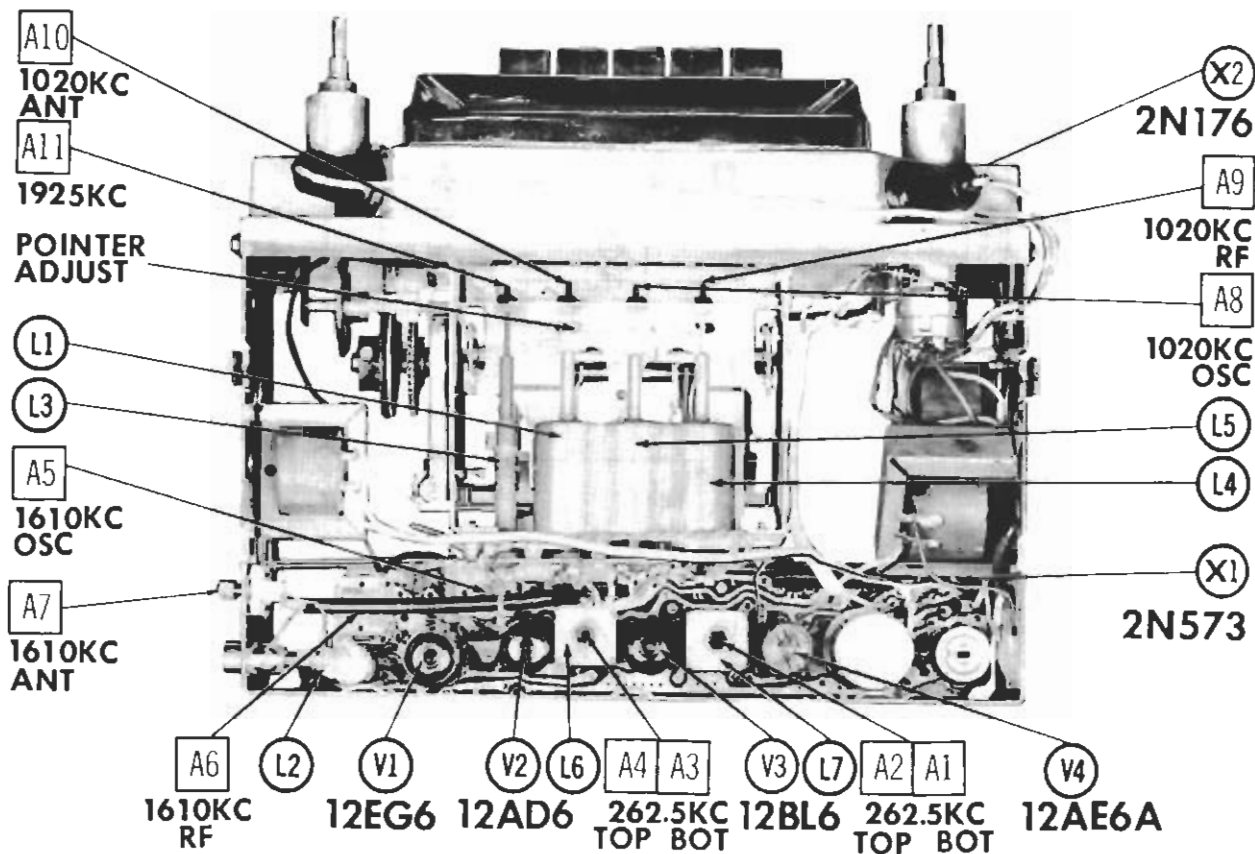
### RESISTORS

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

ITEM No.	RATING OHMS WATT	MOTOROLA PART No.	MOTOROLA PART No.	NOTES
R3	5.6meg	6K124761		
R4	22meg	6K1488158		
R5	15K	6K12119		
R6	33K	6K121704		
R7	82K			
R8	47K	6K121687		
R9	10meg	6K119406		

Note 1. Some versions may use 180K in this application (Part #6K125531).

## CHASSIS—TOP VIEW



## PARTS LIST AND DESCRIPTIONS (Continued)

## COMPONENT COMBINATIONS

ITEM No.	USE	DESCRIPTION	MOTOROLA PART No.	REPLACEMENT DATA
K1	Detector-Audio Nrt.	27mmf, 2000mmf, 10000mmf, 1.5mrf, 4.7mrf, 5.0mrf, 8.2mrf	51B501099	

## COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA					NOTES
		MOTOROLA PART No.	Grammer PART No.	McIntosh PART No.	Merit PART No.	Ram PART No.	
L1	Ant. Coil	24C538308 1					
L2	A.M. Coil	24K5318009 1					
L3	Image Trap Coil	24K561734 1					
L4	RF Coil	24C538308 1					
L5	Osc. Coil	24B538300 1					
L6	Input IF	24K561842	18-8756	16-8758	BC-344	13-PH1	
L7	Output IF	24K561843					

† Part of M3 or coil &amp; mounting plate assembly Part #1V561497. • Includes 100mm

## FILTER CHOKE

ITEM No.	RATINGS	REPLACEMENT DATA					Triad PART No.	Notes
		INDUCTANCE (1000 $\mu$ H)	MOTOROLA PART No.	Holland PART No.	Merit PART No.	Ram PART No.		
L8	DC RES. (Measured) 1.6A .30 .007 RT		25K561570					

## TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO	REPLACEMENT DATA					Notes
		MOTOROLA PART No.	Holland PART No.	Merit PART No.	Stancor PART No.	Triad PART No.	
T1	PRI. SEC. 15 1	25K561573					

## TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE	REPLACEMENT DATA					Notes
		MOTOROLA PART No.	Holland PART No.	Merit PART No.	Stancor PART No.	Triad PART No.	
T2	PRI. 16 $\Omega$ Tap @ 3-40	25C561407					

## SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MOTOROLA PART No.	QUAM PART No.	
SF1	SIZE 5"x 7" FIELD V. C. IMP. 3-42 PM	50K560421		

## FUSES

ITEM No.	TYPE	RATING	REPLACEMENT DATA			
			MOTOROLA PART No.	FUSE HOLDER	FUSE HOLDER	BUSSE PART No.
M1	SF5 7.5A 32V		63R122346	9K561596	30707.5 T1A 32V	155009 SF271 HDH

① Part #9K561595 used in Model 857

## MISCELLANEOUS

ITEM No.	PART NAME	MOTOROLA PART No.	NOTES
M2	Tuner	TT560978	Complete (AT-246) Model 856
M3	Tuner	TT560979	Complete (AT-247) Model 857
M4	Spark plate	64K561877	
M5	Spark plate	64K561878	
M6	Spark plate	48K539953	Selenium Type
M7	Printed Board	84C561564	(Less All Components) Include Suffix Letter

## CABINETS &amp; CABINET PARTS

(When Ordering Cabinets &amp; Cabinet Parts, Specify Model, Chassis &amp; Color)

NAME	PART NO.	DESCRIPTION
Knob	36B560426	Tuning & Volume, Model 856
Knob	36C560427	Tuning & Volume, Model 857
Knob	36B560424	Tone & Dignity, Model 856
Knob	36C560425	Tone & Dignity, Model 857
Push Button	1B560973	Model 856
Push Button	1B560974	Model 857
Dial Pointer	1K560980	Model 856
Dial Pointer	1K560981	Model 857
Dial Scale	34K560836	Model 856
Dial Scale	34B560837	Model 857
Dial Crystal	61B560837	Model 856

## WIRING DATA

General-use Unshielded Hook-up Wire ..... Use BELDEN No. 8530 (Solid) Available in Ten Colors  
Shielded Hook-up Wire ..... Use BELDEN No. 8524 (Stranded) Available in Ten Colors  
Bonding Strap ..... Use BELDEN No. 8661