

# PARTS LIST AND DESCRIPTIONS

TUBES (SYLVANIA or Equivalent)

ITEM No.	USE	REPLACEMENT DATA		INSTALLATION NOTES
		SYLVANIA PART No.	STANDARD REPLACEMENT	
V1	RF Amplifier	6BA6	6BA6	
V2	AF Amplifier	6BE6	6BE6	
V3	IF Amplifier	6AV6	6AV6	
V4	Det. AF-Land	6AV6	6AV6	
V5	AVC-Phase Inv.	6V6	6V6	
V6	Audio Output	6V6GT	6V6GT	
V7	Audio Output	6V6GT	6V6GT	
V8	Rectifier	6X5GT	6X5GT	

## CAPACITORS

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

ITEM No.	RATING CAP. VOLT	REPLACEMENT DATA			IDENTIFICATION CODES AND INSTALLATION NOTES
		SYLVANIA PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	
C1A	20 350	161-3005	A7E83-107	UP2255C	TVL-3678 Filter
C2	20 25	168-00027	BPD-01	TM651	5HK-S1 Audio Output Cathode
C3	150 100000	194-0150	1469-00015	3R5T15	MS-315 RF Coupling
C4	.022 200	160-02322	F468-1	PT94522	4TN-S22 AVC Filter
C5	.1 400	160-0401	S133NP0	PT94F1	4TM-P1 AVC Filter
C6	53 500	163-0083	168-00025	3R5Q2	5TCC-Q83 Screen Bypass
C7	18 500	165-0230A	P288-1	P2E21	5TCC-Q83 Screen Bypass
C8	230 200	160-0201	1468-00025	DF-104	MS-42 Fixed Trimmer
C9	.1 500	164-0010	1468-00025	DF-100	MS-41 IF Coupling
C10	.022 400	160-02322	1468-00025	DF-203	MS-41 IF Coupling
C11	250 500	163-0250	1468-00025	DF-203	MS-41 IF Coupling
C12	250 500	163-0250	1468-00025	DF-203	MS-41 IF Coupling
C13	250 500	163-0250	1468-00025	DF-203	MS-41 IF Coupling
C14	.0022 400	163-0250	1468-00025	DF-203	MS-41 IF Coupling
C15	.0015 400	163-0250	1468-00025	DF-203	MS-41 IF Coupling
C16	.0056 400	163-0250	1468-00025	DF-203	MS-41 IF Coupling
C17	220 500	163-0250	1468-00025	DF-203	MS-41 IF Coupling
C18	.022 600	160-0612D	1468-00025	DF-203	MS-41 IF Coupling
C19	10000 500	163-0250	1468-00025	DF-203	MS-41 IF Coupling
C20	220 500	163-0250	1468-00025	DF-203	MS-41 IF Coupling
C21	.0022 600	160-0612D	1468-00025	DF-203	MS-41 IF Coupling
C22	.0082 100	169-0001	P185-5	P12P5	5HK-S1 AF Amp. Cathode
C23	.5 100	169-0001	P185-5	P12P5	5HK-S1 AF Amp. Cathode
C24	250 500	163-0250	1468-00025	DF-203	MS-41 IF Coupling

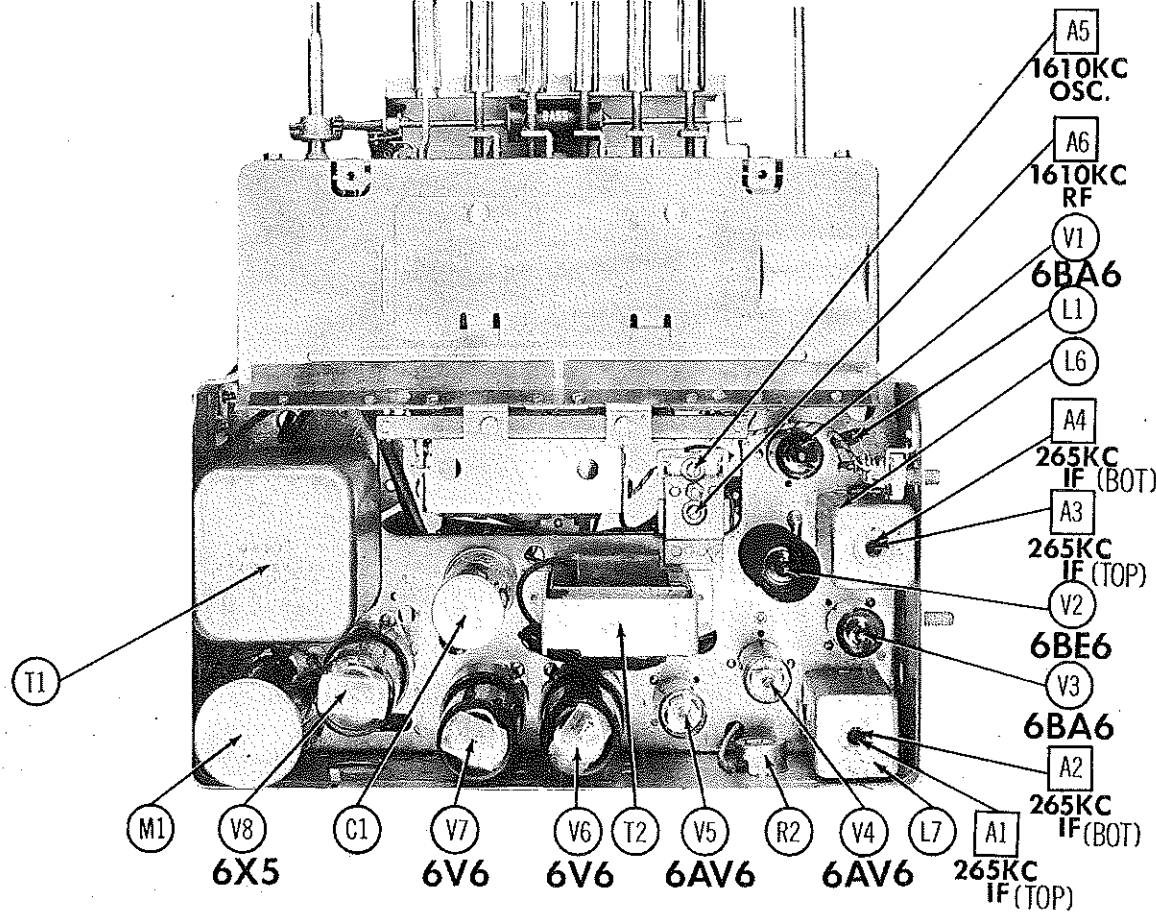
## CONTROLS

ITEM No.	RATING RESISTANCE WATTS	REPLACEMENT DATA			INSTALLATION NOTES
		SYLVANIA PART No.	IRC PART No.	CENTRALAB PART No.	
R1A	Switch 500KΩ	1520006			Tone SW - Panel - See Note Volume Control - Tapped @100KΩ - Rear Sensitivity Control - Wire Wound
R2	2000Ω	159-0004			

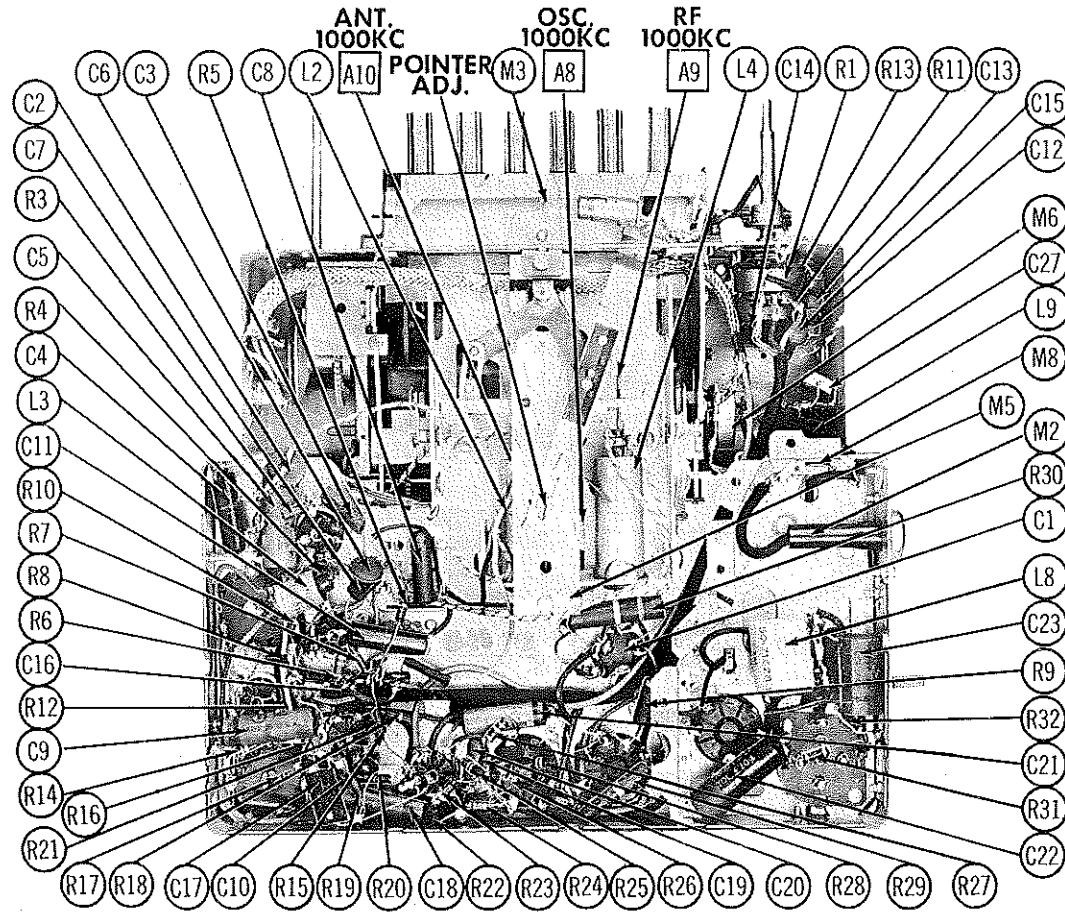
## RESISTORS

ITEM No.	RATING RESISTANCE WATTS	REPLACEMENT DATA			IDENTIFICATION CODES
		SYLVANIA PART No.	IRC PART No.	AVC NETWORK PART No.	
R3	1Meg	181-0005	BTS-1Meg	AVC Network	
R4	10KΩ	182-0003	BTA-10K	Mixer Grid	
R5	330KΩ	181-0034	BTS-10K	Osc. Grid	
R6	47KΩ	181-0473	BTS-15Meg	AVC Network	
R7	150KΩ	181-0156	BTS-15Meg	AVC Network	
R8	120Ω	181-0021	BTS-120	Screen Dropping	
R9	12KΩ	183-0033	BTS-12K	Volume Divider	
R10	39KΩ	183-0033	BTS-39K	Tone Compensation	
R11	100KΩ	181-0024	BTS-100K	Tone Compensation	
R12	100KΩ	181-0024	BTS-100K	Tone Compensation	
R13	100KΩ	181-0024	BTS-100K	Tone Compensation	

# CHASSIS—TOP VIEW



# CHASSIS—BOTTOM VIEW



# PARTS LIST AND DESCRIPTIONS (Continued)

ITEM No.	RATING	REPLACEMENT DATA			NOTES
		SYLVANIA PART No.	STANCOR PART No.	CHICAGO PART No.	
R14	470KΩ	181-0474	BTS-470K	Diode Load	
R15	47Ω	181-0470	BTS-47Ω	AF Amp. Grid	
R16	15Meg	181-0156	BTS-15Meg	AF Amp. Plate	
R17	330KΩ	181-0334	BTS-330K	Feedback Network	
R18	1500Ω	181-0152	BTS-1500	AVC Diode Load	
R19	1Meg	181-0005	BTS-1Meg	AVC Network	
R20	1Meg	181-0005	BTS-1Meg	AVC Network	
R21	1Meg	181-0005	BTS-1Meg	AVC Network	
R22	2700Ω	181-0272	BTS-2700	Phase Inv. Cathode	
R23	6.8Meg	181-0685	BTS-6.8Meg	Phase Inv. Grid	
R24	68KΩ	181-0683	BTS-68K	Phase Inv. Grid	
R25	330KΩ	181-0334	BTS-330K	Output Grid	
R26	150KΩ	181-0154	BTS-150K	Output Grid	
R27	47KΩ	181-0473	BTS-47K	Output Cathode	
R28	220KΩ	181-0224	BTS-220K	Filter	
R29	330Ω	189-0011	BTA-330	Hash Suppressor	
R30	1600Ω	183-0162	BTS-1600	Hash Suppressor	
R31	82Ω	181-0820	BTS-82	Voice Coil Shunt	
R32	82Ω	181-0820	BTS-82	Voice Coil Shunt	
R33	27Ω	182-0270	BTS-27Ω	Voice Coil Shunt	

## TRANSFORMER (VIBRATOR)

ITEM No.	RATING	REPLACEMENT DATA			CHICAGO PART No.
		SYLVANIA PART No.	STANCOR PART No.	MERIT PART No.	
T1	6.3VDC 624VCT @4.5ADDC	3	3	3	

## TRANSFORMER (AUDIO OUTPUT)

ITEM No.	RATING	REPLACEMENT DATA			INSTALLATION NOTES
		SYLVANIA PART No.	STANCOR PART No.	CHICAGO PART No.	
T2	8KΩ 3.2A 422Ω .43Ω CT	143-0012	A-3852		

## SPEAKER

ITEM No.	RATINGS	REPLACEMENT DATA			NOTES
		JENSEN PART No.	QUAM PART No.	CHICAGO PART No.	
SP1A	FIELD RES. 3-4Ω V. C. IMP. 3-4Ω	539-0001	ST-810 Mod. P69-V	69A3	Model 2CF754
SP2A	EM 3-4Ω	538-6901			Alternate - Model 2CF754
SP3A	PM 3-4Ω	539-0005			Model 2CM752
SP4A	EM 3-4Ω	538-6902			Alternate - Model 2CM752
SP5A	EM 3-4Ω	538-6701			Model 2CF753
SP6A	PM 3-4Ω	539-6901			Model 2CF753 - Rear Seat
SP7A	6"X9" V. C. DIA. 3/4"				
SP8A	6"X9" 3/4"				
SP9A	6"X9" 3/4"				
SP10A	5"X7" 9/16"				
SP11A	6"X9" 3/4"				

## COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA			NOTES
		SYLVANIA PART No.	MERIT PART No.	CHICAGO PART No.	
L1	Ant. Rash	148-0001			
L2	Choke	111-0013			
L3	Ant. Coil	118-0008			
L4	IF Trap	112-0010			
L5	RF Coil	113-0022			
L6	Osc. Coil	4.1Ω			
L7	Osc. Coil	37Ω			
L8	Input IF	44Ω			
L9	Output IF	44Ω			
L10	Choke	44Ω			
L11	FL. Choke	44Ω			