

PARTS LIST AND DESCRIPTIONS (Continued)

MISCELLANEOUS

ITEM No.	PART NAME	SILVERTONE PART No.	NOTES
M7	Tuner	95-213-0	FM, Complete
M8	Tuning Cap.	19-80-2	AM, 2 Gang
M9	Switch	69-328-0	Selector (Pushbutton Type)
	Printed Board	84-1131-0	FM, Complete, Less Tubes
	Printed Board	25-26-1	FM, Board Only, Less All Components
	Printed Board	84-11350-0	AM, Complete, Less Tubes
	Printed Board	25-28-1	AM, Board Only, Less All Components
	Printed Board	84-11352-0	Amp, Complete, Less Tubes
	Printed Board	25-27-1	Amp, Board Only, Less All Components

CABINETS & CABINET PARTS

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

NAME	PART NO.	DESCRIPTION
Dial Scale	67-690-0	
Dial Pointer	52-242-1	
Dial Glass	48-174-1	
Knob	52-1397-0	AM, Tuning
Knob	52-1392-0	5 Used, Models 1061, 1062
Knob	52-1426-0	5 Used, Models 1058, 1059, 1060
Knob	52-1292-0	4 Used
Pushbutton	52-1358-0	With Lid, Model 1057
Cabinet	42-137-2	Mahogany, Model 1058
Cabinet	42-138-3	Limited Oak, Model 1059
Cabinet	42-140-3	Walnut, Model 1060
Cabinet	42-143-3	Mahogany, Model 1061
Cabinet	42-67-4	Limited Oak, Model 1062
Cabinet	42-52-4	Speaker, Mahogany, Model 1061
Cabinet	42-53-4	Speaker, Limited Oak, Model 1058
Cabinet	42-57-4	Speaker, Walnut, Model 1060
Leg	49-627	Mahogany, Model 1058
Leg	49-628	Limited Oak, Model 1059
Leg	49-629	Walnut, Model 1060
Leg	49-646	Mahogany, Model 1061
Leg	49-648	Limited Oak, Model 1062
Handle	49-630	With Hardware, Model 1057

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in Ten Colors
Power Cord	Use BELDEN No. 8524 (Stranded) Available in Ten Colors
Low-Loss Shielded Lead (Interconnecting)	Use BELDEN No. 1795-B (6 Ft. Length)
Phono Pick-up Arm Cable	Use BELDEN No. 1795-K (7 1/2 Ft. Length)
	Use BELDEN No. 8401
	Use BELDEN No. 8430 (Two Conductor - Twisted)

SIGNAL DIODES

ITEM No.	ORIG. TYPE	SILVERTONE PART No.	GENERAL ELECTRIC PART No.	RAYTHEON PART No.	SYLVANIA PART No.	NOTES
M2	1N542		IN295	IN295	IN295	AFC Diode
M3	1N542		IN295	IN295	IN295	FM Det. (Pigtail)
M4	1N541		IN295	IN295	IN295	Matched Pair
M5			IN295	IN295	IN295	AM Det. (Pigtail)

PHONO CARTRIDGE & NEEDLES

*NEEDLE LISTINGS SHOWN ARE FOR RESPECTIVE REPLACEMENT CARTRIDGES ONLY.

ITEM No.	SILVERTONE PART No.	ASTATIC PART No.	ELECTRO-VOICE PART No.	SONOTONE PART No.	NOTES
M6	33-333-0	Not Req.	197B	Not Req.	

COILS (RF-IF)

ITEM No.	USE	SILVERTONE PART No.	REPLACEMENT DATA	NOTES
L1	RF Choke	34A-1002	Merit PART No.	Stancor PART No.
L2	Cathode Choke	34A-1002-01		
L3	FM RF	34A-1006		
L4	Inductance Adj.	34A-338-01		
L5	Feedback	28RL-34BONR-92		
L6	FM Osc.	34A-1006		
L7	Inductance Adj.	34A-338-01		
L8	1st FM IF Trans.	31U-619	FM-256	RTC-9046
L9	2nd FM IF Trans.	10-135-2	BC-419	705-A
L10	Ratio Detector	82-172-0 *	BC-356	13-PC1
L11	Loopstick	10-55-4	BC-357	13-PC2
L12	AM Osc.	10-116-2		RTC-8641
L13	1st AM IF Trans.	10-116-2		RTC-8642
L14	2nd AM IF Trans.	34A-575		
L15	FL Choke			

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE	SILVERTONE PART No.	REPLACEMENT DATA	NOTES
T1	2500Ω	80-133-1	Merit PART No.	Stancor PART No.
T2	2500Ω	80-133-1		

SPEAKER

ITEM No.	TYPE	SILVERTONE PART No.	REPLACEMENT DATA	NOTES
SP1	6"x9" PM	8-80	QUAM PART No.	
SP2	6"x9" PM	8-80	69A328	* Models 1058, 1059, 1060 (Alternate Part #33-459-4)
	8"x" PM		69A328	* Models 1061, 1062
	4"x" PM		33-465-4 #	† Model 1057
	5"x7" PM	8-80	57A128	

POWER RECTIFIERS

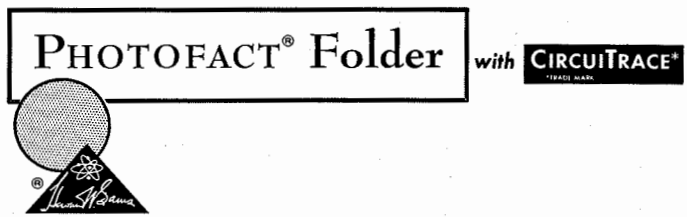
ITEM No.	RATING	SILVERTONE PART No.	REPLACEMENT DATA	NOTES
M1	.090A		SARKES PART No.	SYLVANIA PART No.
			TABZIAN PART No.	SR200 *
			K200 *	* Silicon Type



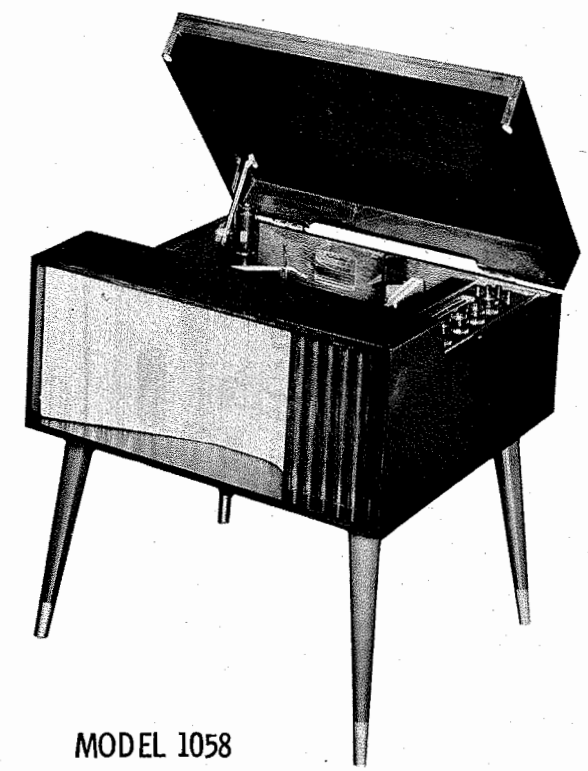
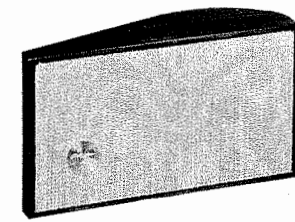
The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of KN399

SILVERTONE MODELS 1057, 1058, 1059, 1060, 1061, 1062
(Ch. 528.53990, 528.54010, 528.54020)

FOLDER 12
SET 517



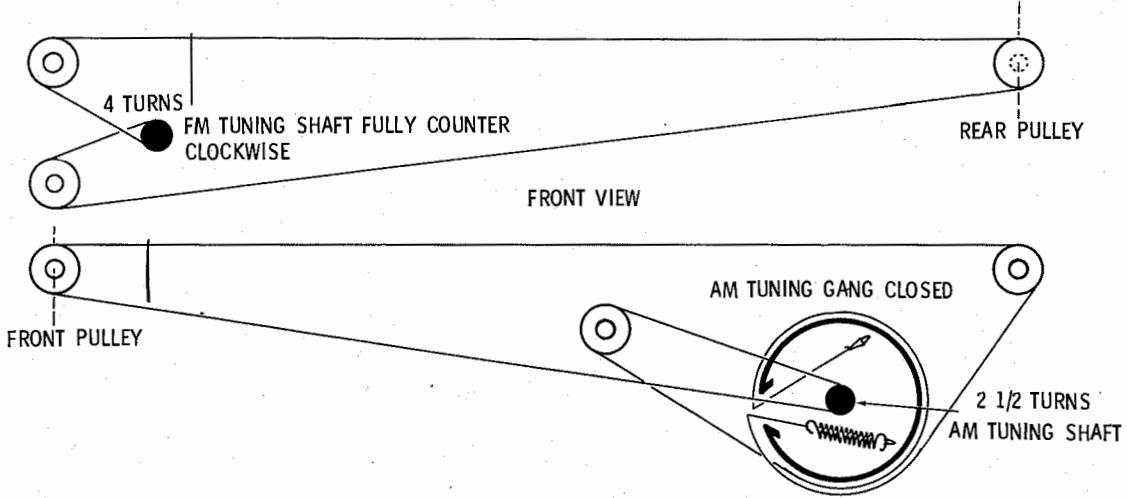
SILVERTONE MODELS 1057, 1058, 1059, 1060, 1061, 1062
(Ch. 528.53990, 528.54010, 528.54020)



MODEL 1058

TRADE NAME	Silvertone Models 1057 (Ch. 528.53990); 1058, 1059, 1060 (Ch. 528.54010); 1061, 1062 (Ch. 528.54020)
SUPPLIER	Sears, Roebuck & Co., 925 S. Homan Ave., Chicago, Illinois
TYPE SET	AC Operated 8 Tube FM-AM Receiver With Stereo Amplifier And 4 Speed Automatic Record Changer
POWER SUPPLY	110 - 120 Volts AC, 60 Cycles
RATING	34 Watts, .4 Amp. @ 117 Volts AC (Less Motor)
FOR SERVICE INFORMATION ON RECORD CHANGER 528.57340 OR 528.57341 - SEE SIMILAR SILVERTONE 528.56100 SERIES - PHOTOFACT SET 417 FOLDER 10 OR RECORD CHANGER MANUAL RC-12	

DIAL CORD STRINGING



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

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FM PRINTED BOARD

ARROWS INDICATING TUBE LOCATIONS ARE
POINTING TO PIN 1 UNLESS OTHERWISE INDICATED

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AM PRINTED BOARD

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AUDIO PRINTED BOARD

PARTS LIST AND DESCRIPTIONS

TUBES

ITEM No.	USE	TYPE	ITEM No.	USE	TYPE
V1	FM RF Amp. - FM Conv.	12DT8	V6	Channel 1 AF Amp. -	12AX7
V2	1st FM IF Amplifier	6BX6	V7	Channel 2 AF Amp.	35C5
V3	2nd FM IF Amplifier	6BX6	V8	Channel 2 Output	35C5
V4	AM Converter	12BE6			
V5	AM IF Amplifier	6BX6			

FIXED CAPACITORS (cont)

ITEM No.	RATING	REMARKS	AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBIER PART No.	ELMENDO PART No.	MALLORY PART No.	SPRAGUE PART No.
C47	1000		EF-001	MFT-1000		CCF-102	C7280A	5HK-S10
C48	10000		BPD-01	DD-103	BYA10S1	CCD-103	B-110	5HK-S10
C49	10000		BPD-01	DD-103	BYA10S1	CCD-103	B-110	5HK-S10
C50	20000 1000V		DAC-27		CUB10S2	BDP-4-203	B-120	10TM-520

Silvertone Part Number.

† Alternate Value.

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

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	SILVERTONE PART No.	AEROVOX PART No.	CORNELL-DUBIER PART No.	MALLORY PART No.	PYRAMID PART No.	SPRAGUE PART No.	NOTES
C1A	150	18-111-5						
C1B	150							
C1C	25							
C1D	25							
C1E	15							
C1F	15							
C1G	15							
C1H	15							
C1I	15							
C1J	15							
C1K	15							
C1L	15							
C1M	15							
C1N	15							
C1O	15							
C1P	15							
C1Q	15							
C1R	15							
C1S	15							
C1T	15							
C1U	15							
C1V	15							
C1W	15							
C1X	15							
C1Y	15							
C1Z	15							
C2A	15							
C2B	15							
C2C	15							
C2D	15							
C2E	15							
C2F	15							
C2G	15							
C2H	15							
C2I	15							
C2J	15							
C2K	15							
C2L	15							
C2M	15							
C2N	15							
C2O	15							
C2P	15							
C2Q	15							
C2R	15							
C2S	15							
C2T	15							
C2U	15							
C2V	15							
C2W	15							
C2X	15							
C2Y	15							
C2Z	15							
C3A	15							
C3B	15							
C3C	15							
C3D	15							
C3E	15							
C3F	15							
C3G	15							
C3H	15							
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C3N	15							
C3O	15							
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C4F	15							
C4G	15							
C4H	15							
C4I	15							
C4J	15							
C4K	15							
C4L	15							
C4M	15							
C4N	15							
C4O	15							
C4P	15							
C4Q	15							
C4R	15							
C4S	15							
C4T	15							
C4U	15							
C4V	15							
C4W	15							
C4X	15							
C4Y	15							
C4Z	15							

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

FIXED CAPACITORS

ITEM No.	RATING	REMARKS	AEROVOX PART No.	CORNELL-DUBIER PART No.	MALLORY PART No.	ELMENDO PART No.	SPRAGUE PART No.
C4	10000 1400V	#31B-176-07	DAC-27	DD16-103	UAC-110	BDP-3-103	10TCC-V82
C5	2 2.2 NFO ± 5mmf		NFO-DI 8.2				10TCC-V33
C6	1000		BPD-001	DD-102	CNO-418	CCD-102	10TCC-V33
C7	150			TCZ-16			10TCC-V33
C8	15 NFO 5%	#13LBP6H50N2					2SE-P10
C9	15 NFO 5%	#13LSTH8R2D					5HK-D50
C10	15 NFO 5%	#13LSTH8R2D					5HK-D50
C11	15 NFO 5%	#13LSTH8R2D					5HK-D50
C12	15 NFO 5%	#13LSTH8R2D					5HK-D50
C13	15 NFO 5%	#13LSTH8R2D					5HK-D50
C14	15 NFO 5%	#13LSTH8R2D					5HK-D50
C15	15 NFO 5%	#13LSTH8R2D					5HK-D50
C16	15 NFO 5%	#13LSTH8R2D					5HK-D50
C17	15 NFO 5%	#13LSTH8R2D					5HK-D50
C18	15 NFO 5%	#13LSTH8R2D					5HK-D50
C19	15 NFO 5%	#13LSTH8R2D					5HK-D50
C20	15 NFO 5%	#13LSTH8R2D					5HK-D50
C21	15 NFO 5%	#13LSTH8R2D					5HK-D50
C22	15 NFO 5%	#13LSTH8R2D					5HK-D50
C23	15 NFO 5%	#13LSTH8R2D					5HK-D50
C24	15 NFO 5%	#13LSTH8R2D					5HK-D50
C25	15 NFO 5%	#13LSTH8R2D					5HK-D50
C26	15 NFO 5%	#13LSTH8R2D					5HK-D50
C27	15 NFO 5%	#13LSTH8R2D					5HK-D50
C28	15 NFO 5%	#13LSTH8R2D					5HK-D50
C29	15 NFO 5%	#13LSTH8R2D					5HK-D50
C30	15 NFO 5%	#13LSTH8R2D					5HK-D50
C31	15 NFO 5%	#13LSTH8R2D					5HK-D50
C32	15 NFO 5%	#13LSTH8R2D					5HK-D50
C33	15 NFO 5%	#13LSTH8R2D					5HK-D50
C34	15 NFO 5%	#13LSTH8R2D					5HK-D50
C35	15 NFO 5%	#13LSTH8R2D					5HK-D50
C36	15 NFO 5%	#13LSTH8R2D					5HK-D50
C37	15 NFO 5%	#13LSTH8R2D					5HK-D50
C38	15 NFO 5%	#13LSTH8R2D					5HK-D50
C39	15 NFO 5%	#13LSTH8R2D					5HK-D50
C40	15 NFO 5%	#13LSTH8R2D					5HK-D50
C41	15 NFO 5%	#13LSTH8R2D					5HK-D50
C42	15 NFO 5%	#13LSTH8R2D					5HK-D50
C43	15 NFO 5%	#13LSTH8R2D					5HK-D50
C44	15 NFO 5%	#13LSTH8R2D					5HK-D50
C45	15 NFO 5%	#13LSTH8R2D					5HK-D50
C46	15 NFO 5%	#13LSTH8R2D					5HK-D50

Note 1. Some versions may use Component Combination of 1000mmf, 4.7meg (Part #13-17-3).

COMPONENT COMBINATIONS

ITEM No.	USE	DESCRIPTION	SILVERTONE PART No.	REPLACEMENT DATA
K1	FM Antenna Filter	470mmf, 3-ineg	Note 1	Centralab ACI-1
K2	FM Antenna Filter	470mmf, 3-ineg	Note 1	Centralab ACI-1
K3	Ratio Detector Comp.	(3) 300mmf, 1000mmf, 680, 10000, 15000, (2) 68000, 68K	13-45-3	Aerovox PA-694
K4	AM Diode RF Filter	100mmf, 100mmf, 47K	13-2-2	Centralab C-12
K5	Loudness Comp.	(2) 5000mmf, (2) 100K	13-41-3	Aerovox PA-97

RESISTORS (IRC or EQUIVALENT)

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

ITEM No.	RATING	REMARKS	ITEM No.	RATING	REMARKS
R5	500		R29	10meg	
R6	10K		R30	270K	
R7	100K		R31	470K	
R8	10K		R32	1000	
R9	220K		R33	1200	
R10	4.7meg		R34	2200	
R11	100K		R35	6800 2W	
R12	1000		R36	250 3W	
R13	2200		R37	10000 5W	
R14	900		R38	620	
R15	10000		R39	100K	
R16	1meg				

CONTROLS

ITEM No.	RATING	SILVERTONE PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.	INSTALLATION NOTES
R1A	2meg Tap	24-402	BT-82				Loudness, Channel 1
B	1meg Tap		STR-82				Loudness, Channel 2
R2A	2meg	24-409					Balance, Channel 1
R3A	2meg	24-407					Balance, Channel 2
B	1meg						Treble, Channel 1
C	Switch						Treble, Channel 2
R4A	5meg	24-404					Power Off-On
B	5meg						Base, Channel 1
C	Shunt						Base, Channel 2

TUBES

ITEM No.	USE	TYPE	ITEM No.	USE	TYPE
V1	FM RF Amp. - FM Conv.	12DT8	V6	Channel 1 AF Amp. -	12AX7
V2	1st FM IF Amplifier	6BX6	V7	Channel 2 AF Amp.	35C5
V3	2nd FM IF Amplifier	6BX6	V8	Channel 2 Output	35C5
V4	AM Converter	12BE6			
V5	AM IF Amplifier	6BX6			

FIXED CAPACITORS (cont)

ITEM No.	RATING	REMARKS	AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBIER PART No.	ELMENDO PART No.	MALLORY PART No.	SPRAGUE PART No.
C47	1000		EF-001	MFT-1000		CCF-102	C7280A	5HK-S10
C48	10000		BPD-01	DD-103	BYA10S1	CCD-103	B-110	5HK-S10
C49	10000		BPD-01	DD-103	BYA10S1	CCD-103	B-110	5HK-S10
C50	20000 1000V		DAC-27		CUB10S2	BDP-4-203	B-120	10TM-520

Silvertone Part Number.

† Alternate Value.

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

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	SILVERTONE PART No.	AEROVOX PART No.	CORNELL-DUBIER PART No.	MALLORY PART No.	PYRAMID PART No.	SPRAG
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ALIGNMENT INSTRUCTIONS

ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT

Volume control should be at maximum position. Output of signal generator should be no higher than necessary to obtain an output reading.

Use isolation transformer, if available. If not, connect a .1mf capacitor in series with low side of signal generator.

Suggested Alignment Tools: A1 Thru A4... GENERAL CEMENT #5009, 8195, 8274, 8275, 8278, 8729, 8987, 8988, 8989

A5, A7.....GENERAL CEMENT #5004, 5008, 5009
WALSCO #2520



A6, A8 Thru
A10, A13.. GENERAL CEMENT #8282, 8606, 8606-L, 9295, 9440
WALSCO #2526, 2543, 2544, 2545
All, A12.... GENERAL CEMENT #9296, 9297
WALSCO #2546, 2547

AM ALIGNMENT—SELECTOR IN AM POSITION

	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
1.	High side thru .1mfd to pin 7 (grid) of AM Converter. Low side to chassis.	455KC (400% AM Mod.)	(AM) Tuning gang fully open.	Across voice coil.	A1, A2, A3, A4	Adjust for maximum output.
2.	"	1630KC	"	"	A5	"
3.	"	532KC	Tuning gang fully closed.	"	A6	Adjust for maximum output. Repeat Steps 2 and 3.
4.	Loop	1400KC	1400KC	"	A7	Fashion loop of several turns of wire and radiate signal into loop of receiver. Adjust for maximum output.

FM IF ALIGNMENT USING AM SIGNAL GENERATOR AND VTVM—SELECTOR IN FM POSITION



Short Point **A** to chassis.

	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	CONNECT VTVM	ADJUST	REMARKS
5.	Across FM antenna terminals.	10.7MC (Unmod.)	(FM) Point of non-interference.	DC probe to point  . Common to chassis.	A8, A9, A10, A11, A12	Adjust for maximum deflection.
6.	"	"	"	DC probe to point  . Common to chassis.	A13	Adjust for zero reading. A positive and negative reading will be obtained on either side of the correct setting.

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

Use frequency modulated signal with 60% modulation and 450KC sweep. Use 120V sawtooth voltage in scope for horizontal deflection.

Short point **A** to chassis.

	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	CONNECT SCOPE	ADJUST	REMARKS
5.	Across FM antenna terminals.	10.7MC (450KC Swp.)	(FM) Point of non-interference.	Vert. amp. to point  . Low side to chassis.	A8, A9, A10, A11, A12	Disconnect stabilizing capacitor C3. Adjust for maximum gain and symmetry of response similar to Fig. 1 with markers as shown. Reconnect C3.
6.	"	"	"	Vert. amp. to point  . Low side to chassis.	A13	Adjust to place marker at the center of crossover lines similar to Fig. 2. SLIGHTLY retouch A8 for maximum amplitude and straightness of crossover lines.

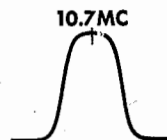


FIG. 1

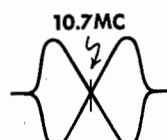
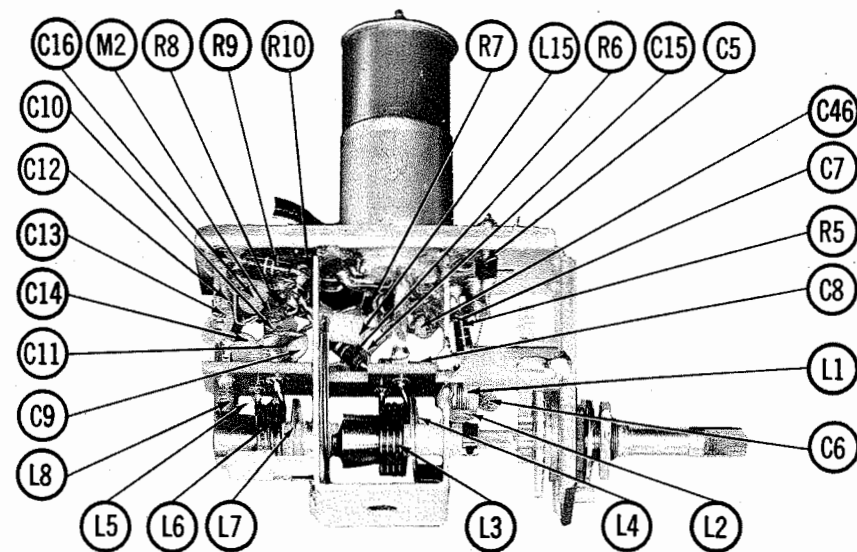


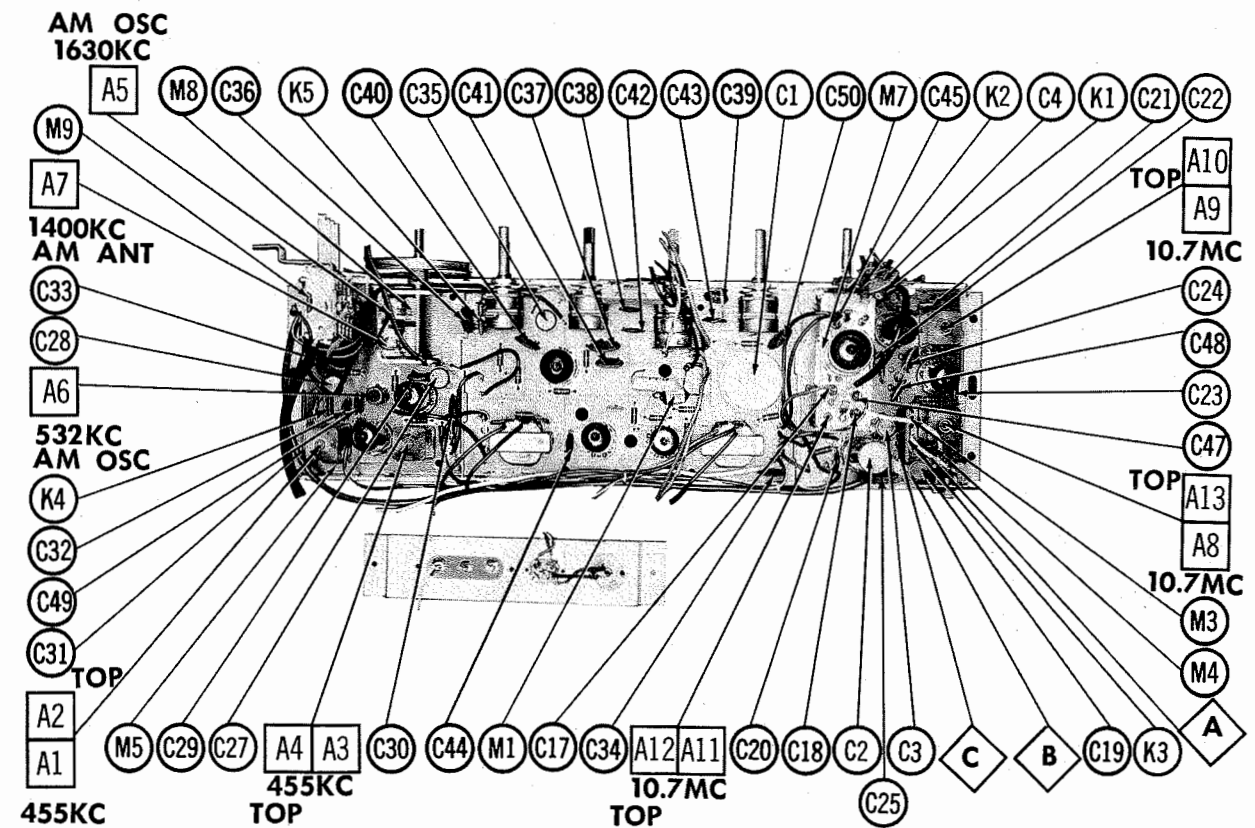
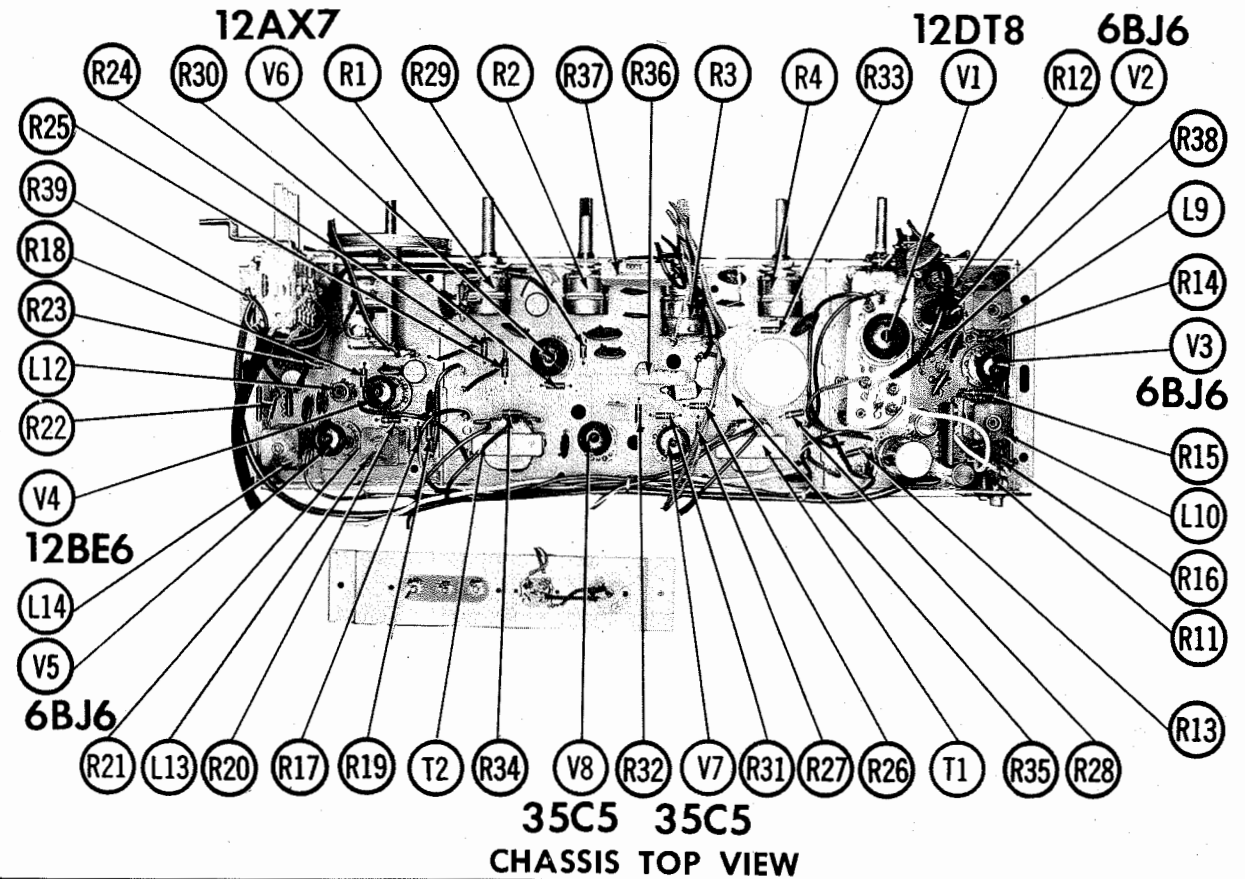
FIG. 2



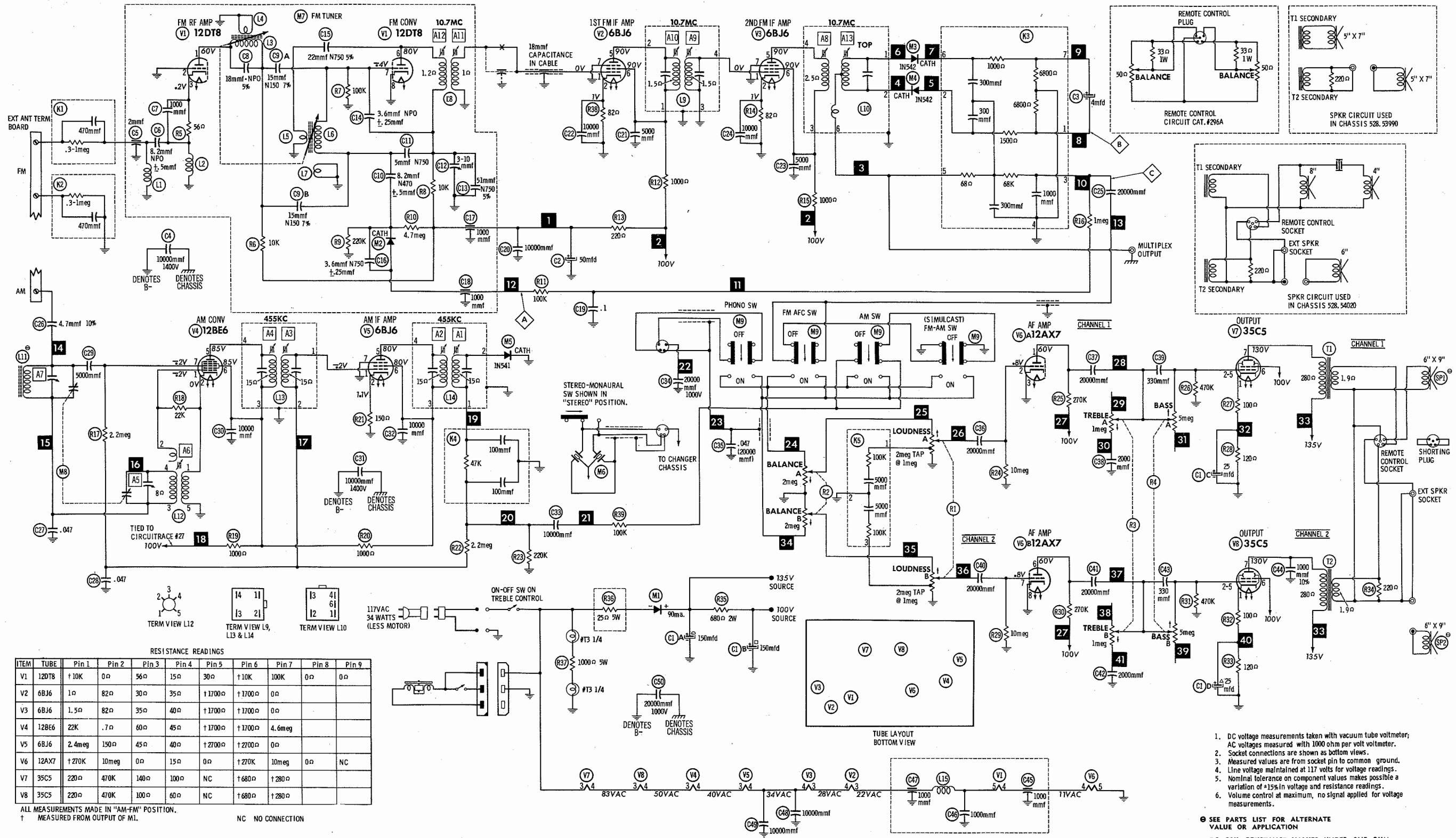
FM RF SUBCHASSIS

**SILVERTONE MODELS 1057, 1058,
1059, 1060, 1061, 1062
(Ch. 528.53990, 528.54010, 528.54020)**

FOLDER 12



CHASSIS-TOP VIEW



RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	12DT8	10K	0	56	15	30	10K	100K	0	0
V2	6BJ6	1	82	30	35	1700	1700	0		
V3	6BJ6	1.5	82	35	40	1700	1700	0		
V4	12BE6	22K	.7	60	45	1700	1700	4.6meg		
V5	6BJ6	2.4meg	150	45	40	1700	1700	0		
V6	12AX7	1270K	10meg	0	15	0	170K	10meg	0	NC
V7	35C5	220	470K	140	100	NC	680	1280		
V8	35C5	220	470K	100	60	NC	1680	1280		

ALL MEASUREMENTS MADE IN "AM-FM" POSITION.
 † MEASURED FROM OUTPUT OF M1. NC NO CONNECTION

A PHOTOFAC STANDARD NOTATION SCHEMATIC
 with CIRCUITRACE
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NUMBERS ASSIGNED TO COILS, SWITCHES, PLUGS, SOCKETS, AND TRANSFORMERS ARE TO FACILITATE CIRCUIT TRACING OR COMPONENT REPLACEMENT AND MAY NOT NECESSARILY BE FOUND ON THE UNIT.

1. DC voltage measurements taken with vacuum tube voltmeter; AC voltages measured with 1000 ohm per volt voltmeter.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common ground.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance on component values makes possible a variation of ±15% in voltage and resistance readings.
6. Volume control at maximum, no signal applied for voltage measurements.

SEE PARTS LIST FOR ALTERNATE VALUE OR APPLICATION
 DC COIL RESISTANCE VALUES UNDER ONE OHM NOT SHOWN ON SCHEMATIC DIAGRAM
 ARROWS ON CONTROLS INDICATE CLOCKWISE ROTATION (CONTROL VIEWED FROM SHAFT END)

SILVERTONE MODELS 1057, 1058,
 1059, 1060, 1061, 1062
 (Ch. 528.53990, 528.54010, 528.54020)