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SILVERTONE MODELS 2014, 2015, 2016, 6014, 6015, 6016 (Ch. 132.40500)

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TRADE NAME	Silvertone Models 2014, 2015, 2016, 6014, 6015, 6016 (Ch. 132.40500)					
SUPPLIER	Sears Roebuck & Co., 925 S. Homan, Chicago, Ill.					
TYPE SET	AC-DC Operated AM Superheterodyne Receiver					
TUBES (Six)	Types 12BD6 RF Amplifier, 12BE6 Converter, 12BD6 IF Amplifier, 12AT6 Det. -AVC-AF Amp, 35C5 Output, 35W4 Rectifier					
POWER SUPPLY	105-125 Volts AC-DC		RATING .27 Amp. @ 117 Volts AC			
TUNING RANGE—BROADCAST	540KC-1600KC					
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 an insulated alignment screwdriver for adjusting.						
Loop should be maintained in same relative position to chassis as when receiver is in cabinet.						
Use isolation transformer, if available. If not, connect a .1MFD capacitor in series with low side of signal generator and B-.						
To set pointer, turn tuning capacitor fully closed and set pointer to last reference mark at low frequency end of dial.						
DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
.05MFD	High side to pin 7 (grid) of 12BE6 (V2). Low side to B-.	455KC (40% Mod.)	Tuning gang fully open	Across Voice Coil	A1, A2, A3, A4	Adjust for maximum output. If isolation transformer is not used, reduce dummy antenna to .001MFD to reduce hum modulation.
50MMF	External antenna connection	1400KC	Tune to 1400KC signal	"	A5, A6, A7	"

HOWARD W. SAMs & CO., INC. • Indianapolis 5, Indiana

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PARTS LIST AND DESCRIPTIONS
TUBES (GENERAL ELECTRIC, SYLVANIA)

ITEM No.	USE	TYPE	NOTES
V1	RF Amplifier	12BD6	
V2	Converter	12BE6	
V3	IF Amplifier	12BD6	

ITEM No.	USE	TYPE	NOTES
V4	Det.-AVC-AF Amp.	12AT6	
V5	Output	35C5	
V6	Rectifier	35W4	

ELECTROLYTIC CAPACITORS

REPLACEMENT DATA					
ITEM No.	RATING	SILVERTONE PART No.	AEROVOX PART No.	CORNEILL DUBILIER PART No.	MALLORY PART No.
C1A	80 150	N24243	PRS150V4080	BBRD845	TCD498
C1B	50 150				

FIXED CAPACITORS

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

REPLACEMENT DATA					
ITEM No.	RATING	SILVERTONE PART No.	AEROVOX PART No.	CORNEILL DUBILIER PART No.	MALLORY PART No.
C2	200		NPO-D180	DF503	CUB2847
C3	50		TC2-50	Z034	PT4147
C4	220		SL-220	D6-221	TP39
C5	.001		BPD-001	D6-102	CUB6D1
C6	.01		BPD-01	D6-103	CUB4S1
C7	220		SL-220	D6-221	TP39
C8	.01		BPD-01	D6-103	CUB4S1
C9	.0033		BPD-0033	D6-332	CUB6D33
C10	.01		BPD-01	D6-103	CUB4S1
C11	.047		BPD-05	DF-503	CUB4S47
C12	.047		BPD-05	DF-503	CUB4S47

CONTROLS

REPLACEMENT DATA					
ITEM No.	RATING	SILVERTONE PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	IRC PART No.
R1A	500KΩ	N24699	BTSK-07-S	A47F3-500K	Q13-133X
R1B	500KΩ	Not Req.	Not Req.	KSS-3	Not Req.
R1C	500KΩ	Not Req.	Not Req.	SWE-12	78-1
R2A	500KΩ	N25700	BSSK-80	A47-500K-Z	Q13-133
R2B	500KΩ	Not Req.	Not Req.	KSS-3	Not Req.

RESISTORS

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

REPLACEMENT DATA					
ITEM No.	RATING	SILVERTONE PART No.	IRC PART No.	NOTES	
R3	6.8Meg		BTS-6.8Meg		
R4	22KΩ		BTS-22K		
R5	220KΩ		BTS-220K		
R6	68Ω		BTS-68		
R7	1Meg		BTS-1Meg		
R8	33KΩ		BTS-33K		

TRANSFORMER (AUDIO OUTPUT)

REPLACEMENT DATA					
ITEM No.	IMPEDANCE	SILVERTONE PART No.	Heilderson PART No.	Merit PART No.	Thornderson PART No.
T1	2.7KΩ	42700-5	21101	A-3025	A-3332

PARTS LIST AND DESCRIPTIONS (Continued)

SPEAKER

REPLACEMENT DATA					
ITEM No.	RATINGS	SILVERTONE PART No.	QUAM PART No.	RCA TYPE No.	NOTES
SP1	5" PM	25756	5A07	20552	

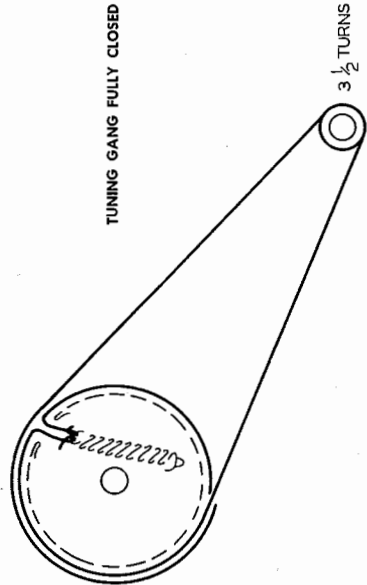
COILS (RF-IF)

REPLACEMENT DATA					
ITEM No.	USE	DC RES.	SILVERTONE PART No.	MEISSNER PART No.	MILLER PART No.
L1	Loop Stick	0Ω	N26657-3		
L2	RF Coil	2.1Ω	N25706-1	14-1072	BC-382 *
L3	Osc. Coil	.6Ω	N23751-1	14-1074	70-RF
L4	Input IF	15Ω	N43412-1	16-6758	70-Osc.
L5	Output IF	15Ω	N43412-1	16-6758	12-C1

* Drill mounting hole.

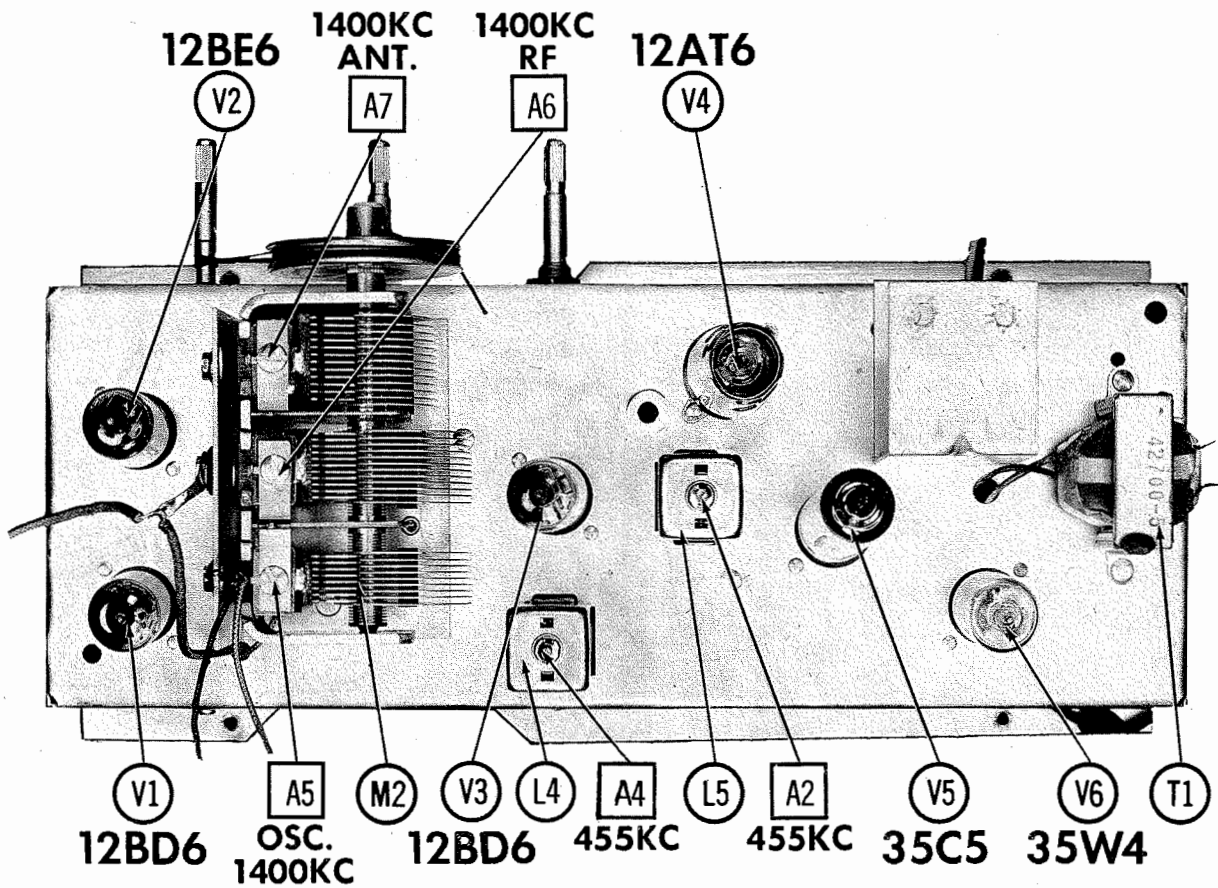
MISCELLANEOUS

ITEM No.	PART NAME	SILVERTONE PART No.	NOTES
M1	Dial Light	N16351	
M2	Tuning Cap.	N43541	
	Cabinet	N25720-1	3 Gang (30-2900MMF, 40-400MMF, 23-185MMF)
	Cabinet	N25721-1	Models 2015, 6015
	Knob	N25722-1	Models 2014, 6014
	Knob	N25686-1	On-Off-Volume, Models 2014, 2016, 6014
	Knob	N25686-2	Tone, Models 2015, 6015
	Knob	N25686-3	Tone, Models 2014, 6014
	Knob	N25686-4	Tuning, Models 2015, 6015
	Knob	N25686-5	Tuning, Models 2014, 6014
	Knob	N25686-6	Tuning, Models 2014, 2016, 6014, 6016



DIAL CORD STRINGING

CHASSIS—TOP VIEW



CHASSIS—BOTTOM VIEW

