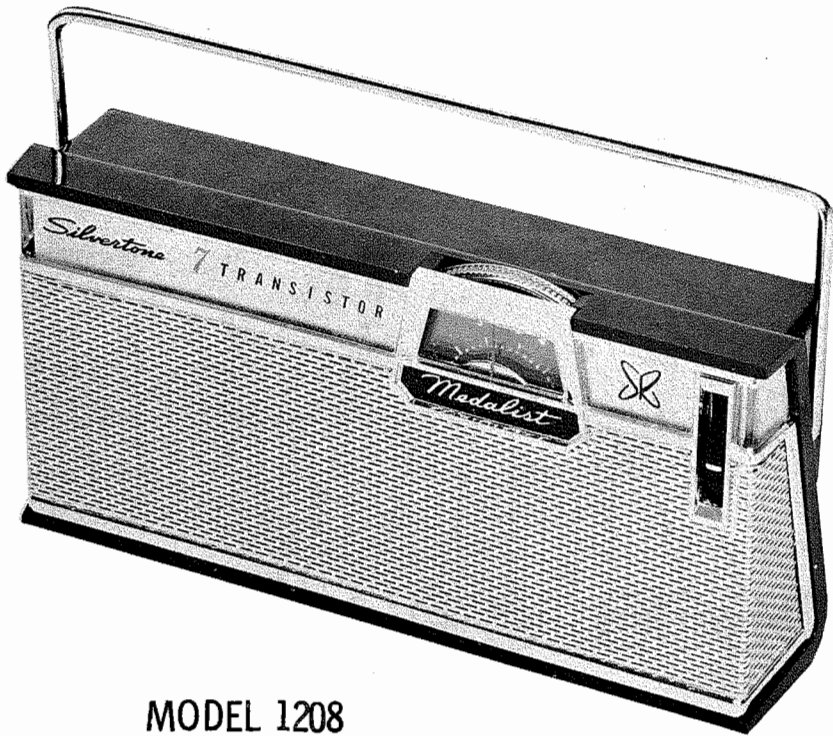


SILVERTONE MODELS
1208, 1209 (Ch. 132.60601)



MODEL 1208

TRADE NAME Silvertone Models 1208, 1209 (Ch. 132.60601)
SUPPLIER Sears, Roebuck & Co., 925 S. Homan Avenue, Chicago, Illinois
TYPE SET Battery Operated Transistorized Portable AM Receiver
POWER SUPPLY 6 Volts DC
TUNING RANGE—BROADCAST 540 — 1650KC
RATING 7MA@6 Volts DC (No Signal, Min. Volume)
15MA@6 Volts DC (Signal, Normal Volume)

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.

Suggested Alignment Tools: A1, A2, A3... GENERAL CEMENT #5009, 8195, 8274, 8275, 8728, 8729, 8987, 8988, 8989
WALSCO #2531, 2532, 2515
A4, A6... GENERAL CEMENT #5004, 5008, 5009
WALSCO #2520
A5... GENERAL CEMENT #8282, 8606, 8606-L, 9295, 9440
WALSCO #2526, 2543, 2544, 2545

	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
1.	High side thru .05mfd to antenna stator lug of tuning gang. Low side to chassis.	455KC (400v Mod.)	Tuning gang fully open.	Across voice coil.	A1, A2, A3	Adjust for maximum output.
2.	Loop	1670KC	"	"	A4	Fashion loop of several turns of wire and radiate signal into loop of receiver. Adjust for maximum output.
3.	"	600KC	600KC	"	A5	"
4.	"	1400KC	1400KC Signal.	"	A6	Adjust for maximum output. Repeat Steps 2, 3 and 4.

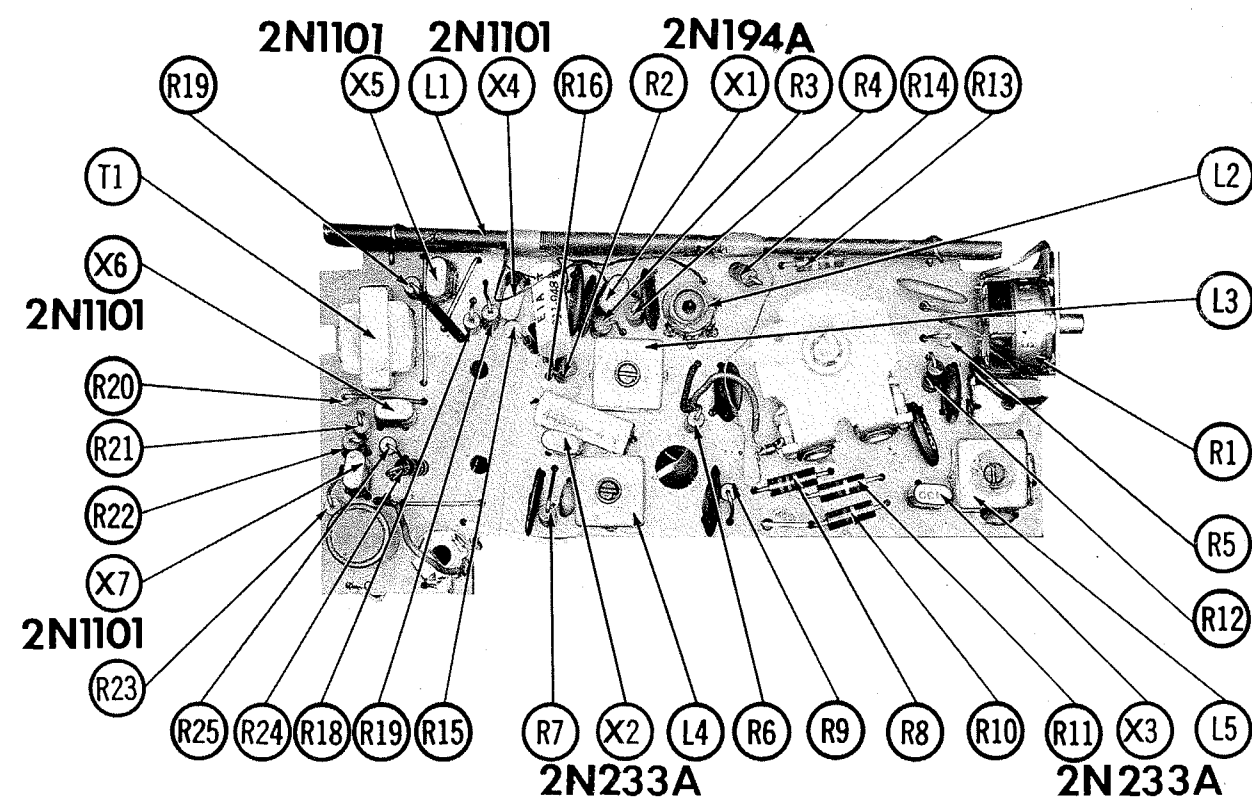
HOWARD W. SAMS & CO., INC. Indianapolis 6, Indiana

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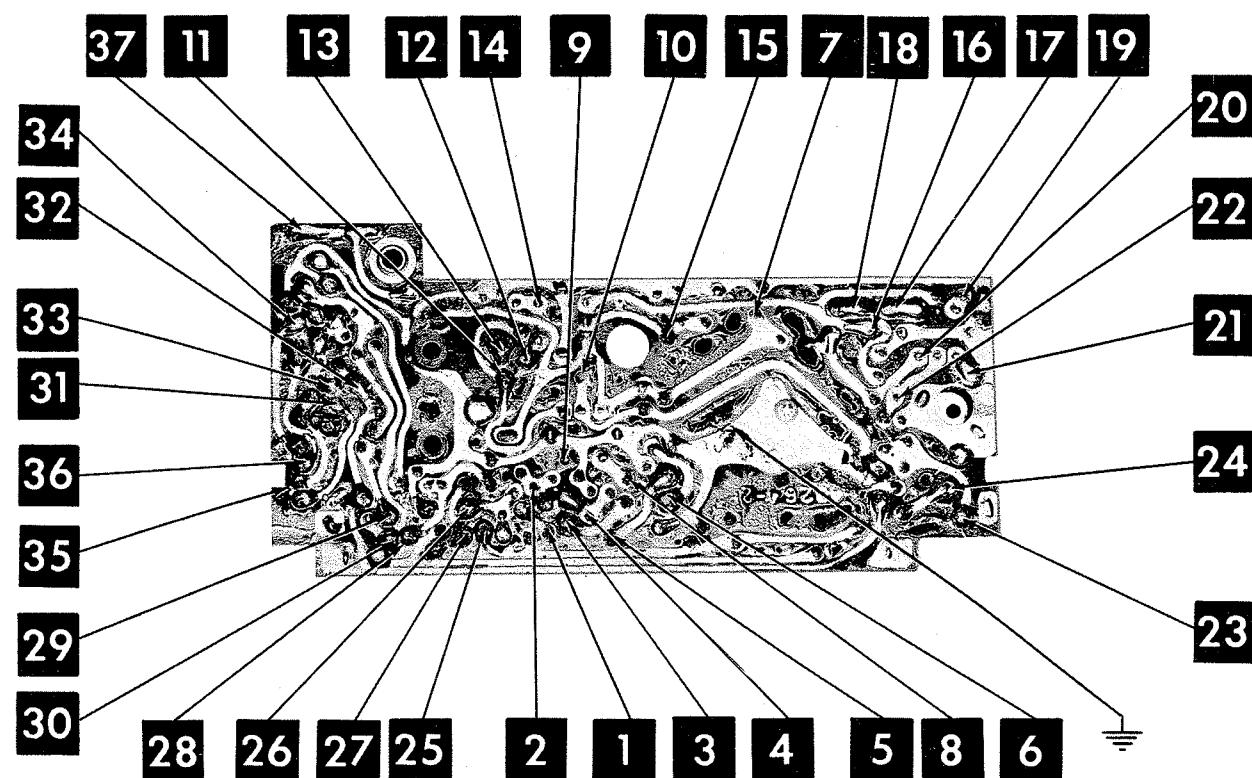
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SILVERTONE MODELS
1208, 1209 (Ch. 132.60601)

SET 539 FOLDER 11



CHASSIS TOP VIEW-RESISTOR, INDUCTOR & TRANSISTOR IDENT.



PARTS LIST AND DESCRIPTIONS

TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA		NOTES
			RCA PART No.	SYLVANIA PART No.	
X1	2N194A	Converter	2N1366	2N194	NPN
X2	2N233A	1st IF Amplifier	2N1367	2N233A	NPN
X3	2N233A	2nd IF Amplifier	2N1367	2N233A	NPN
X4	2N101	AF Amplifier		2N101	NPN
X5	2N101	Driver	2N649	2N101	NPN
X6	2N101	Output	2N649	2N101	NPN
X7	2N101	Output	2N649	2N101	NPN

ELECTROLYTIC CAPACITORS

ITEM No.	RATING CAP.	VOLT.	SILVERTONE PART No.	REPLACEMENT DATA			NOTES
				AEROVOX PART No.	CORNELL-DUBIER PART No.	MALLORY PART No.	
C1	10	10	44396-4	PTT-10010	NLW10-15	MLV10-10	TE-1114
C2	10	10	44396-4	PTT-10010	NLW10-15	MLV10-10	TE-1114
C3A	80	12	44397-3		ECPAN7	MLV100-12	YL-2350
B	80	12				MLV100-12	

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	REMARKS	REPLACEMENT DATA				
			AEROVOX PART No.	CORNELL-DUBIER PART No.	ELINCO PART No.	MALLORY PART No.	SPRAGUE PART No.
C4	20000		BPD-02	DDM-203 H-08S2	CCD-203	TA-120	TG-320
C5	10000		BPD-01	DDM-103 H-08S1	CCD-103	TA-110	TG-310
C6	20000		NFO-DI 3.3	DDM-203 H-08S2	CCD-203	TA-120	TG-320
C7	3.6 NPO ± .25mmf		BPD-02	DTZ-3R3 CUV33C	CCTO-3R3	CNO-533	10TCC-Y33
C8	20000		BPD-02	DDM-203 H-08S2	CCD-203	TA-120	TG-320
C9	20000		NFO-DI 3.3	DDM-203 H-08S2	CCD-203	TA-120	TG-320
C10	3.6 NPO ± .25mmf		BPD-2X02	DDM-203 H-08S2	CCD-203	CNO-533	10TCC-Y33
C11A	20000			DDM-203 H-08S2	CCD-203	TA-120	TG-320
C12A	20000			DDM-203 H-08S2	CCD-203	TA-120	TG-320
C13	10000			DDM-203 H-08S2	CCD-203	TA-110	TG-310
C14	3300			DDM2-103BYD6DS1	CCD-103	TA-110	TG-310

Silvertone Part Number.

PARTS LIST AND DESCRIPTIONS (Continued)

TRANSFORMER (DRIVER)

ITEM No.	REPLACEMENT DATA				NOTES
	TURN RATIO	SILVERTONE PART No.	Stancor PART No.	Triad PART No.	
	PR. SEC. 1				
T1	3.8 1	45604-6			
	SEC. 2				
	1				

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		SILVERTONE PART No.	QUAM PART No.	
SP1	2 3/4" PM	44280-5	2TA06Z45	

BATTERIES

ITEM No.	VOLTAGE	SILVERTONE PART No.	REPLACEMENT DATA			NOTES
			BURGESS PART No.	EVEREADY PART No.	MALLORY PART No.	
M1	1.5V	6447 *	"A" "B" "8"	"A" "B" "8"	"A" "B" "8"	* 4 Required * Mercury Type
		6448 *	930*	1015 *	M-15R *	

SIGNAL DIODES

ITEM No.	ORIG. TYPE	REPLACEMENT DATA				NOTES
		SILVERTONE PART No.	GENERAL ELECTRIC PART No.	RAYTHEON PART No.	SYLVANIA PART No.	
M2	1N295			1N295	1N295	Detector (Pigtail)

MISCELLANEOUS

ITEM No.	PART NAME	SILVERTONE PART No.	NOTES
M3	Tuning Cap.	48942	2 Gang

CABINETS & CABINET PARTS

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

NAME	PART NO.	DESCRIPTION
Knob	48925	Tuning, Clear
Knob	48928	Dial Insert
Knob	47437-29	Volume, Black, Model 1208
Knob	47437-95	Volume, Ice Blue, Model 1209
Cabinet Front	48940	Black, Model 1208
Cabinet Back	48939-95	Ice Blue, Model 1209
Handle	48923-1	

WIRING DATA

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

CONTROLS

ITEM No.	RATING RESIST-ANCE	REPLACEMENT DATA			INSTALLATION NOTES
		SILVERTONE PART No.	CENTRALAB PART No.	CTS-IRC PART No.	
RL	2200Ω	1/4	46800-4		Volume & Switch

RESISTORS

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

ITEM No.	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		IRC PART No.	WORKMAN PART No.			IRC PART No.	WORKMAN PART No.
R2	18K			RL4	4700Ω		
R3	3900Ω			RL5	4700Ω		
R4	3300Ω			RL6	3300Ω		
R5	4700Ω			RL7	47K		
R6	47K			RL8	4700Ω		
R7	330Ω			RL9	100Ω		
R8	27K			R20	1600Ω		
R9	2200Ω			R21	100Ω		
RL0	220Ω			R22	1600Ω		
RL1	470Ω			R23	100Ω		
RL2	39K			R24	4700Ω		
RL3				R25	220Ω		

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA			NOTES
		SILVERTONE PART No.	Merit PART No.	Miller PART No.	
L1	Loopstick	44511-6			
L2	Osc.	45783-12			
L3	1st IF	47163-1	2005		
L4	2nd IF	47163-2			
L5	3rd IF	47163-3			

CHASSIS—TOP VIEW

