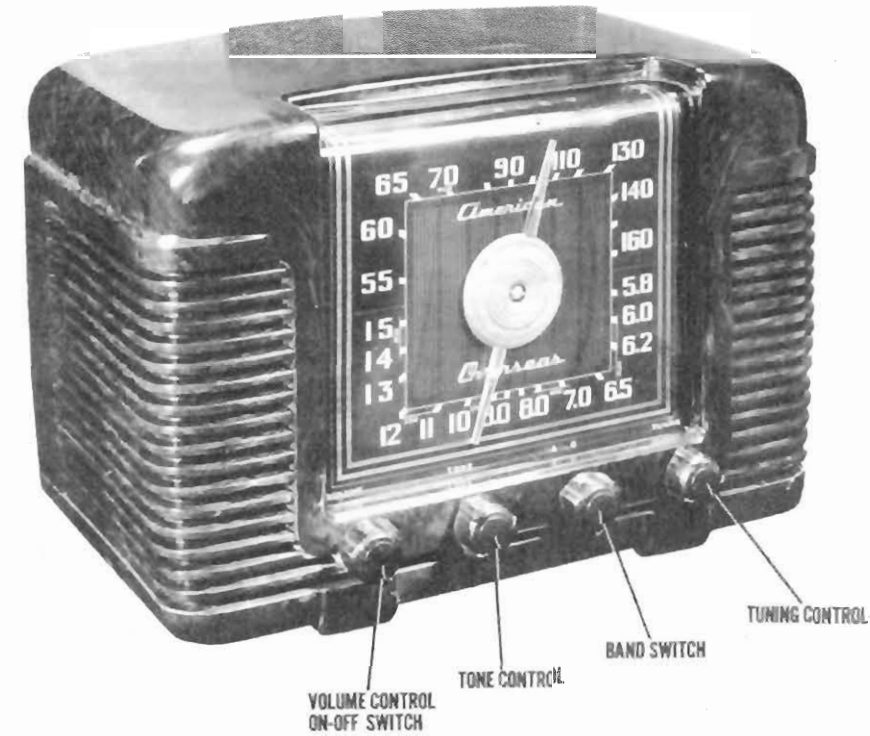


481-7

CROSLEY MODELS 56FA, 56FB,
56FC BATTERY OPERATED



CROSLEY MODELS 56FA, 56FB,
56FC BATTERY OPERATED

CROSLEY MODEL 56FA

TRADE NAME	Crosley, Models 56FA, 56FB, 56FC						
MANUFACTURER	Crosley Corp., 1329 Arlington St., Cincinnati, Ohio						
TYPE SET	Battery Operated 2 Band Superheterodyne Receiver						
TUBES (FIVE)	Types, 1N5GT RF Amp., 1A7GT Converter, 1N5GT IF Amp., 1N5GT Det.-AVC-AF, 1L84 Power Output.						
POWER SUPPLY	1.5 Volts "A" Supply and 10 Volts "B" Supply in Pack Form						
RATING	250MA @ 1.5 Volts DC and 9MA @ 90 Volts DC						
TUNING RANGE—BROADCAST	540-1600KC			SHORT WAVE 5.5 - 15MC			
ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT							
To set pointer turn tuning cap. fully closed and set pointer parallel with base of dial. 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.							
DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	BAND SWITCH POS.	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
1 200MFD	High side to ext. ant. lead (red). Low side to ext. ground lead (yellow).	455KC	BC (left)	Tuning cap. fully open.	Across voice coil	A1, A2, A3	Adjust for maximum output.
2 200MFD	"	1620KC	"	"	"	A4	" " " "
3 200MFD	"	600KC	"	600KC	"	A5	Adjust for maximum output. Repeat Steps 2 & 3 until no further improvement can be made making step 2 last adjustment.
4 200MFD	"	1400KC	"	Tune for maximum output.	"	A6, A7	Adjust for maximum output.
5 200MFD	"	600KC	"	"	"	A5	Rock tuning cap. and adjust for maximum output.
6 4000 carbon res.	"	15.3MC	SW (right)	Tuning cap. fully open.	"	A8	Adjust for maximum output. Turn sig. gen. to 16.2MC. If signal is not heard retune sig. gen. to 15.3MC and loosen A8 until next peak is obtained. Adjust for maximum output and recheck for 15.3MC.
7 "	"	15MC	SW	Tune for maximum output.	"	A9	Rock tuning cap. and adjust for maximum output.

HOWARD W. SAMS & CO., INC.

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Indianapolis Indiana
DATE 1/48 SET #31 FOLDER #48 1-7

PARTS LIST AND DESCRIPTIONS

CROSLEY MODELS 50FA, 50FB, 50FC BATTERY OPERATED

CHASSIS--TOP VIEW

TUBES (SYLVANIA or Equivalent)

ITEM No.	USE	REPLACEMENT DATA			RMA BASE TYPE	INSTALLATION NOTES
		CROSLEY PART No.	STANDARD REPLACEMENT			
1	RF Amp. Converter	1N60T	1N60T	5Y		
2	IF Amp.	1A70T	1A70T	7Z		
3	Det.-AVC-AF	1N60T	1N60T	5Y		
4	Power Output	11B4	11B4	5AD		

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	REPLACEMENT DATA				IDENTIFICATION CODES AND INSTALLATION NOTES
		CROSLEY PART No.	SOLAR PART No.	SPRAGUE PART No.	AEROVOX PART No.	
6A	150 CAP.	W-40064	D3B-2200-150	7A-116	78A180-20	22015
7	150		7A-16-0008	7C-28	694-0075	20
8	150		29001-12	7C-22	694-002	W010B
9	600		29001-74	8-6-002	694-002	W7602
10	600		29001-10	8-6-005	694-005	W7602
11	600		29001-10	8-6-003	694-003	W7602
12	200		29001-65	8-4-05	494-05	W7485
13	200		29001-65	8-4-02	494-02	W7485
14	200		29001-63	8-4-02	494-02	W7485
15	500		29001-10	8-6-03	694-03	W7602
16	500		29004-7	MO 5-21	1FM-31	1469-0001
17	480		50-210645	MO5 5-47	1FM-4731	469-00075
18	300		50-210645	DC-210645		Fixed Pad.
19	10		39004-1	MO5 5-41	YS-41	1469-00001

CONTROLS

ITEM No.	RATING	REPLACEMENT DATA			INSTALLATION NOTES
		CROSLEY PART No.	IRC PART No.	CLAROSTAT PART No.	
20A	1 Wgt. B Shaft		B-130530-3	D13-137	M-63-2
21A	100K C Shaft		Not Req.	A	Volume Control
22A	100K B Shaft		B-135198	D12-128	Not Req.

RESISTORS

ITEM No.	RATING	REPLACEMENT DATA			IDENTIFICATION CODES
		CROSLEY PART No.	CROSLEY PART No.	IRC PART No.	
22	3.3 Wgt.	39281-24			Or.-Or.-Orn. Converter Grid
23	3.3	39281-6			Blue-Gray-Slk. Parasitic Suppressor
24	220K	39281-27			Red-Red-11. Oscillator Grid
25	100K	39281-25			Or.-Blk.-11. AVC Network
26	47K	39281-23			11.-V1.-Or. Screen Dropping
27	10 Wgt.	39281-35			11.-V1.-Orn. AVC Network
28	100K	39281-37			11.-Blk.-Blue AVC Network
29	470K				11.-V1.-Sew Filter
30	230K	39281-26			11.-Orn.-11. Diode Filter
31	230K	39281-16			11.-Or.-Red Series Volume Control
32	5 Wgt.	39281-31			11.-V1.-Orn. AF Plate Load
33	1 Wgt.	39281-33			11.-Blk.-Orn. AF Plate Load
34	1.2 Wgt.				Red-Red-Orn. Output Grid
35	100K	39281-25			11.-Blk.-Orn. B1B9

TRANSFORMER (OUTPUT)

ITEM No.	RATING	REPLACEMENT DATA			INSTALLATION NOTES
		CROSLEY PART No.	STANCOR PART No.	THORDARN PART No.	
36	IMPEDANCE PRI. SEC. PRI. SEC.				
	1200Ω 8.5Ω 610Ω 3Ω		A-3789	T22847	A-2834

PARTS LIST AND DESCRIPTIONS (Continued)

SPEAKER

ITEM No.	RATINGS	REPLACEMENT DATA			INSTALLATION NOTES
		CROSLEY PART No.	JENSEN PART No.		
37	FIELD VC IMP.		ST-108		
38	6" CONE DIA. VC DIA.	C-135100	MOA. PC-X		

NOT READILY REPLACEABLE-USE COMPLETE SPEAKER UNIT

R F COILS

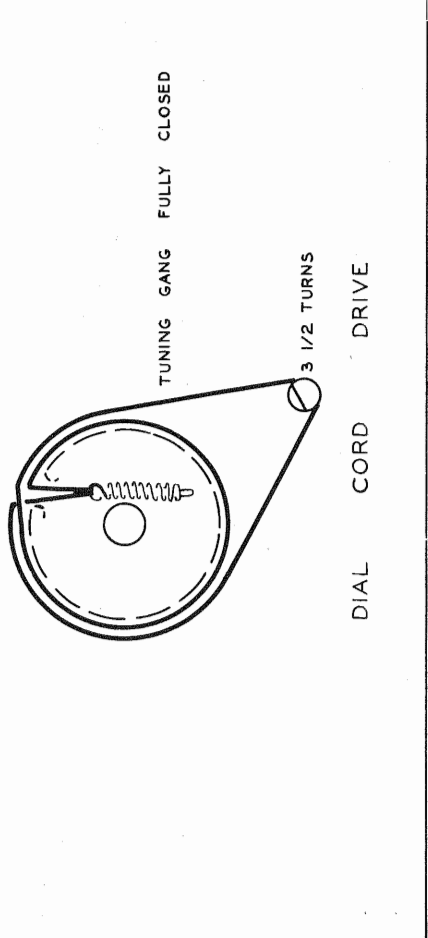
ITEM No.	USE	DC RES.	REPLACEMENT DATA	
			CROSLEY PART No.	MEISSNER PART No.
39	BC Ant. Coil	50	AM-135134	14-1028
40	SM Ant. Coil	12	AM-135147	14-1044
41	RF Coil	910	AM-135133	14-1027
42	BC Osc. Coil	6.50	AM-135141	14-1046
43	SM Osc. Coil	1.18	AM-135140	14-1046
44	Input IF	17.50	AM-135103	10-6470
45	Output IF	422	AM-135104	

BATTERIES

ITEM No.	VOLTAGE	CROSLEY PART No.	EVEREADY		INSTALLATION NOTES
			"A"	"B"	
46	1.5V "A"	CR60		7753	

MISCELLANEOUS

ITEM No.	PART NAME	CROSLEY PART No.	NOTES
47	Switch	B-135079	
48	3 Gang Var. Cap	AC-134898	Band (16-454 Mc) each section
49	Trimmer Strip	B-132386-12	M4, A7, A8, A9
50	Padder	H-135130	EC, Osc. Adj.
51	Trimmer	H-40052-15	" Ant.
52	Dial Pointer	B-134571	
53	Knob	H-130107	



CHASSIS--BOTTOM VIEW

