

Crosley Corp.

Model: 68TA

Chassis:

Year: Pre 1950

Power:

Circuit:

IF:

Tubes:

Bands:

Resources

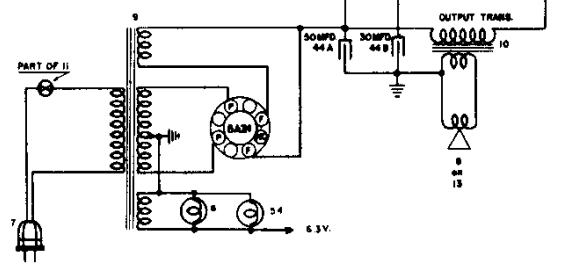
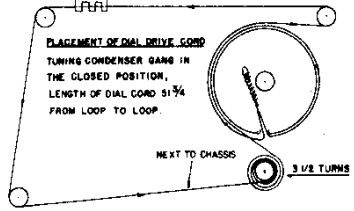
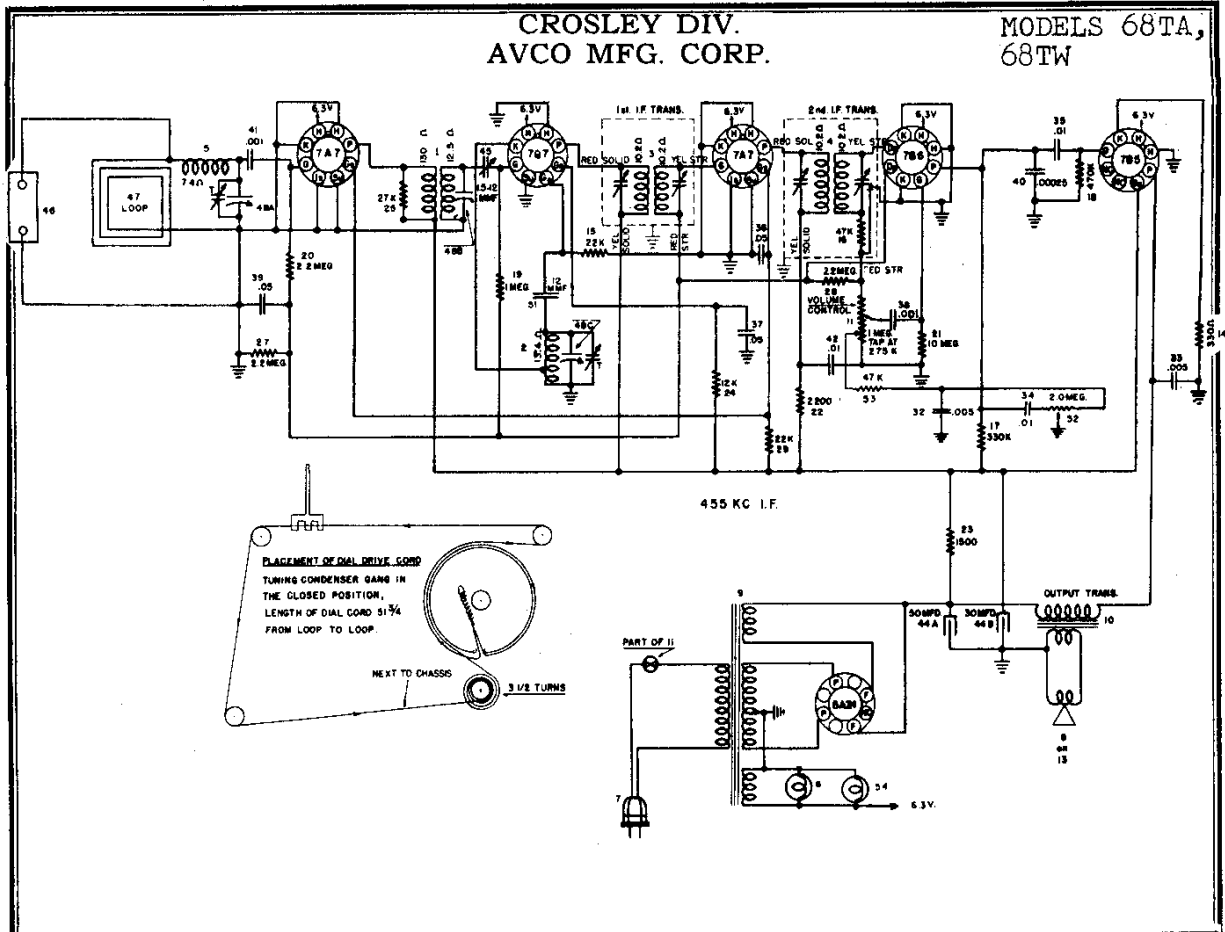
[Riders Volume 19 - CROSLEY 19-45](#)

[Riders Volume 19 - CROSLEY 19-46](#)

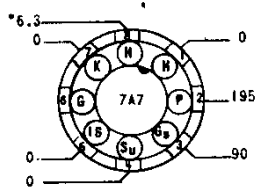
[Riders Volume 19 - CROSLEY 19-47](#)

CROSLY DIV.
AVCO MFG. CORP.

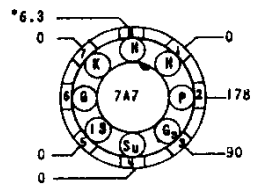
MODELS 68TA,
68TW



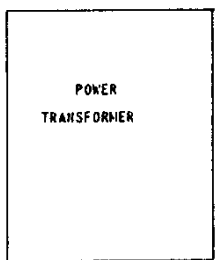
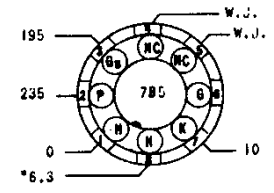
R. F. AMPLIFIER



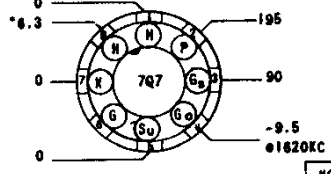
I. F. AMPLIFIER



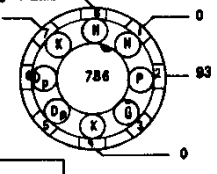
POWER OUTPUT



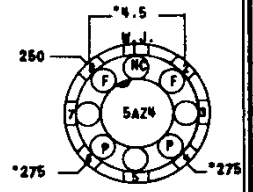
CONVERTER



DET.-AVC.-1st. A.F. AMPL.



RECTIFIER



- NOTES:
1. Bottom View of Sockets
 2. Measure Voltage From Socket Lug To -B (Chassis)
 3. Voltages Measured With An Electronic Voltmeter
 4. W.J. = Wiring Junction.
 5. N.C. = No Connection.
 6. " = A.C. Voltage.
 7. Voltage Tolerance, 10%
 8. Line Voltage 117 V., 60 ~ A.C.

SOCKET VOLTAGE CHART

MODELS 68TA,
68TWCROSLEY DIV.
AVCO MFG. CORP.

ALIGNMENT PROCEDURE

1. Turn the tuning condenser to the completely closed position against the stop and set the dial pointer to the reference line at the low frequency end of the dial scale.
2. Turn the tone control to the treble (clockwise) position.
3. Connect the output meter across the speaker voice coil.
4. The r. f. signal input from the signal generator should be connected through a condenser as indicated in the alignment chart. Connect the signal generator ground to the receiver chassis.
5. Turn the volume control on full and adjust the signal generator output to produce approximately mid-scale deflection of the output meter, but maintain signal generator output as low as possible to prevent AVC action in the receiver.
6. Loop antenna must remain connected at all times.

ALIGNMENT CHART

Alignment adjustments are shown in "CHASSIS, SIDE VIEW,"

Alignment Sequence	Signal Generator Output			Position of Tuning Dial or Var. Cond.	Adjust for Maximum Output
	Frequency in KC	In Series with	To		
1	455	.05 mfd.	Pin 6 7Q7	open	A & B
2	1620	4 mmf.	Top Ant. Clip	open 1620	C
3	1400	4 mmf.	Top Ant. Clip	1400	D
4	1400	4 mmf.	Top Ant. Clip	1400	E
5	1400	4mmf.	Top Ant. Clip	1400	Rock var. cond. and repeat 3 & 4

DESCRIPTION

TYPE: Six-tube, single band, superheterodyne.

FREQUENCY RANGE: 540 to 1600 kc.

INTERMEDIATE FREQUENCY: 455 kc.

POWER SUPPLY: 60 cycle a. c. only

VOLTAGE RATING: 105-125 volts.

POWER CONSUMPTION: 50 watts nominal.

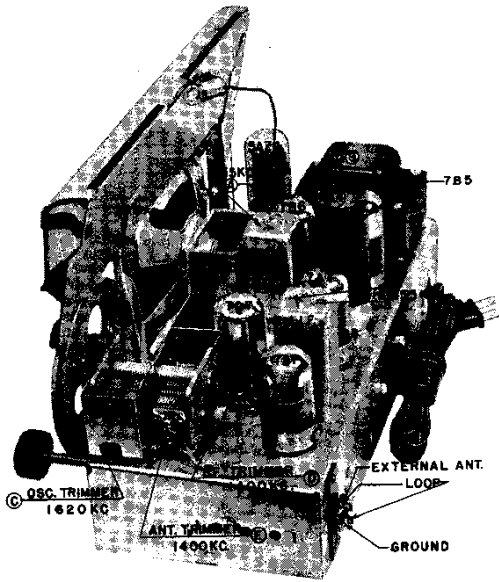
POWER OUTPUT: 2.5 watts maximum

TUBE COMPLEMENT:

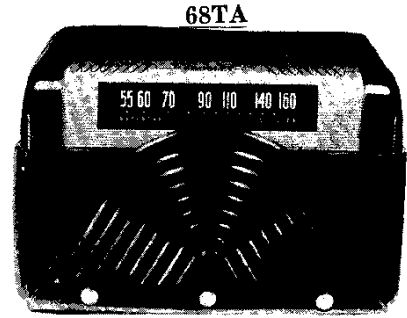
TYPE	FUNCTION
7A7	R. F. Amplifier
7Q7	Converter
7A7	I. F. Amplifier
7B6	Detector, AVC, 1st A. F. Amplifier
7B5	A. F. Power Output
5AZ4	Rectifier

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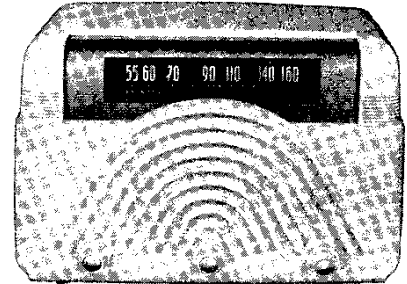
MODELS 68TA,
68TW



CHASSIS, SIDE VIEW



68 TA



REPLACEMENT PARTS LIST

Figures in first column correspond to figures in Schematic Diagram

Item No.	Part No.	Description	Item No.	Part No.	Description
1	AW-137800	Coil, R. F.	40	39001-78	Condenser, .00025 mfd., 600 v., pap.
2	AW-137724	Coil, Oscillator	41	39001-7	Condenser, .001 mfd., 600 v., paper
3	AC-137933	Transformer, 1st I. F.	42	39001-13	Condenser, .01 mfd., 600 v., paper
4	AC-137934	Transformer, 2nd I. F.	44 A	B-136596	Cond., 50 mfd., 300 v. } Two Sec.
5	AW-138546	Coil, Antenna Loading	44 B		Cond., 30 mfd., 300 v. } Elec. Filt.
6	W-48858	Bulb (Dial), Type 47, 6.3 v., .15 amp.	45	W-132267-1	Condenser, Trimmer
7	C-132300-1	Cable and Plug Assy., Power	46	AB-138584	Terminal Board
9	B-136597	Transformer, Power	47	AC-138464	Loop Antenna Assembly
10	B-136598	Transformer, Output	48 A	AC-138595-2	Condenser, Variable
11	B-136595	Control, Volume (1 meg., Tap 300K) and Switch Assy.	48 B		Condenser, Variable } Assembly
	39368-18	Control, Volume	48 C		Condenser, Variable
*	39370-2	Shaft, Plug in	51	C-137727-52	Condenser, 12 mmf., 500 v. ceramic
	39369-1	Switch, Power	52	B-142857	Control, Tone (2 megohm)
13	C-138246	Speaker	*	39368-11	Control, Tone
14	39373-23	Resistor, 330 ohm, ½ w.	53	39373-67	Resistor, 47,000 ohm, ½ w.
15	39373-60	Resistor, 22,000 ohm, ½ w.	54	W-48858	Bulb (Dial), Type 47, 6.3 v., .15 amp.
16	39373-67	Resistor, 47,000 ohm, ½ w.		R-138573-1	Cabinet, (66TA)
17	39373-84	Resistor, 330,000 ohm, ½ w.		AW-138663	Cabinet (66TW)
18	39373-87	Resistor, 470,000 ohm, ½ w.		C-137750	Cabinet Back
19	39373-92	Resistor, 1 megohm, ½ w.		W-138490	Clip, Spring
20	39373-97	Resistor, 2.2 megohm, ½ w.		AC-138443-1A	Dial Plate and Pulley Assy.
21	39373-107	Resistor, 10 megohm, ½ w.		C-143138	Dial Glass
22	39373-40	Resistor, 2200 ohm, ½ w.		W-134055	Grommet (Var. Cond. Mtg.)
23	39372-7	Resistor, 1500 ohm, 10 w.		B-138574-5	Knob (66TA)
24	39373-165	Resistor, 12,000 ohm, 1 w.		B-138574-2	Knob (66TW)
25	39373-62	Resistor, 27,000 ohm, ½ w.		143142	Pointer, Dial
27	39373-97	Resistor, 2.2 megohm, ½ w.		W-137939-1	Pulley, Idler (Drive Cord)
28	39373-97	Resistor, 2.2 megohm, ½ w.		W-51071	Ring, Retaining (Drive Shaft)
29	39373-60	Resistor, 22,000 ohm, ½ w.		W-46065	Rubber Mtg., Speaker
32	39001-11	Condenser, .005 mfd., 600 v., paper		W-136613-3CP	Screw, Dial Glass Strip
33	39001-11	Condenser, .005 mfd., 600 v., paper		39220-36CP	Screw, Chassis Mtg.
34	39001-13	Condenser, .01 mfd., 600 v., paper		B-135075-5	Shaft, Drive
35	39001-13	Condenser, .01 mfd., 600 v., paper		39441	Socket, Tube
36	39001-17	Condenser, .05 mfd., 600 v., paper		D-136565-16	Socket, Dial Light
37	39001-17	Condenser, .05 mfd., 600 v., paper		W-138568	Strip, Dial Pointer
38	39001-7	Condenser, .001 mfd., 600 v., paper		C-139844	Strip, Dial Trim
39	39001-17	Condenser, .05 mfd., 600 v., paper		B-138649	Strip, Dial Glass
				W-132124	Trimount Stud, Cabinet Back
				W-134916	Washer, Spring (Drive Shaft)

*These parts will replace the original equipment parts.