

Zenith Radio Corp.

Model: 5J217T

Chassis:

Year: Pre October 1938

Power:

Circuit:

IF:

Tubes:

Bands:

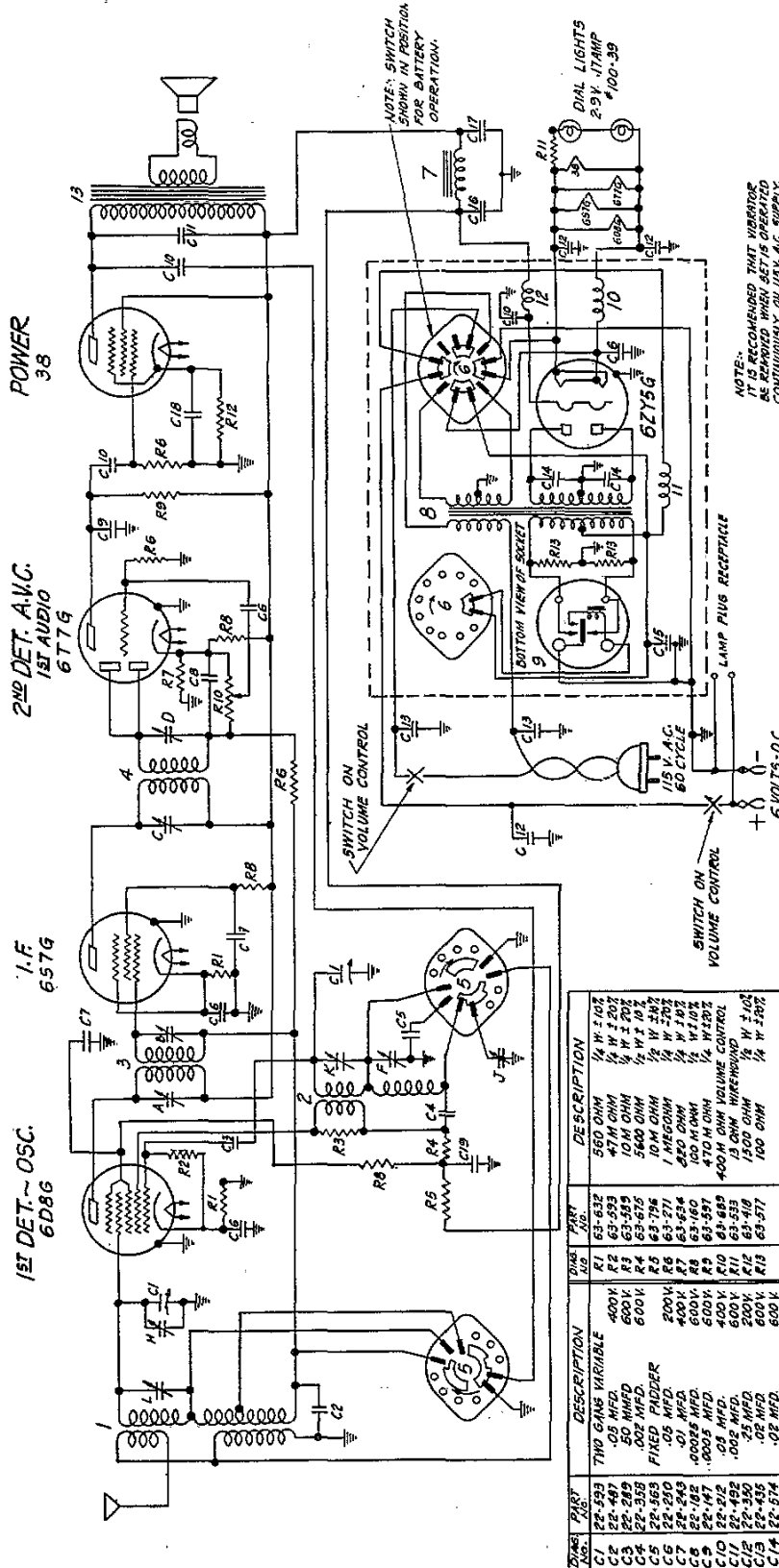
Resources

Riders Volume 9 - ZENITH 9-5

Riders Volume 9 - ZENITH 9-6

ZENITH RADIO CORP.

MODEL 5J217T
Chassis 5524T
Schematic, Parts



I.F. FREQUENCY 456 K.C.
5 TUBE BATTERY SUPERHETERODYNE
6 VOLT D.C. - 115 VOLT A.C.
CHASSIS No 5524-T
ZENITH RADIO CORP.
CHICAGO, ILLINOIS

MODEL 5-J-217-T 49-211 6

Part No.	Part	Description
1	6D8G	1st DET. OSC.
2	657G	I.F.
3	6T7G	2nd DET. A.I.C. 1st AUDIO
4	38	POWER
5	50 MFD	50 MFD
6	50 MFD	50 MFD
7	50 MFD	50 MFD
8	50 MFD	50 MFD
9	50 MFD	50 MFD
10	50 MFD	50 MFD
11	50 MFD	50 MFD
12	50 MFD	50 MFD
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14	50 MFD	50 MFD
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99	50 MFD	50 MFD
100	50 MFD	50 MFD

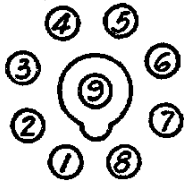
MODEL 5J217T
Chassis 5524T

ZENITH RADIO CORP.

Socket, Trimmers
Voltage, Alignment

SOCKET VOLTAGES

Tube	Position	1	2	3	4	5	6	7	8	9
6D8	Converter Osc.	0	0	129	42.5	-2	110	6.3	1.5	0
6S7	I. F.	0	0	130	42.5	1.5	—	6.3	1.5	0
6T7	2nd Def. A.V.C. 1st Audio	0	0	23	.1	.1	—	6.3	.5	0
6ZY5G	Rect.	0	6.3	-3.5	—	-3.5	—	0	140	—
		H	P	S	K	H	G			
38	Power	0	124	129	12	6.3	0			



All voltages measured from point indicated to ground using a 1000 Ohm per Volt meter, antenna and ground disconnected. Line voltage 117V. Consumption 16W. Battery voltage 6.3V consumption 2.1 Amp. Power Output .84W.

**BOTTOM VIEW
OF SOCKET**

ALIGNMENT PROCEDURE

Operation	Connect Test Oscillator to—	Dummy Antenna	Set Test Osc. to	Band	Set Dial At	Adjust Trimmers	Purpose
1	1st Def. Grid	1/2 Mfd.	456	Br'dc't	600	ABCD	I. F. Alignment
2	Rec. Ant. Lead	200 Mmfd.	1500	"	1500	F	Set Osc. to Scale
3	" " "	200 Mmfd.	1500	"	1500	G	Al'gment of Ant.
4	" " "	200 Mmfd.	600	"	600	J	Rock gang & adj. for max. output.
5				"		FG	Repeat 2 & 3.
6	Rec. Ant. Lead	400 Ohms	18000	S.W.	18000	K	Set Osc. to Scale
7	" " "	400 Ohms	16500	S.W.	16500	L	Rock gang & adj. for max. output.

LOCATION OF TRIMMERS

Chassis No. 5524T

