

DIRC PART No.	DESCRIPTION	QTY
1	6A7-6A7-G	1
2	6AR8-6AR8-G	1
3	6C5-6C5-G	2
4	6F6-6F6-G	1
5	5Y3-5Z4	1
6	6G5-6G5-G	1
7	6A7-6A7-G	1
8	6C5-6C5-G	1
9	6A7-6A7-G	1
10	6C5-6C5-G	1
11	6A7-6A7-G	1
12	6C5-6C5-G	1
13	6A7-6A7-G	1
14	6C5-6C5-G	1
15	6A7-6A7-G	1
16	6C5-6C5-G	1
17	6A7-6A7-G	1
18	6C5-6C5-G	1

NOTE: #2 SPKR FIELD IS AUTOMATICALLY SUBSTITUTED FOR 5800-SECTION OF CANDIDATE RESISTOR WHEN SPKR PLUG IS INSERTED IN SET.

I.F. FREQUENCY-456 KC.
12 TUBE SUPERHETERODYNE
CHASSIS No 1202
MODELS 12L57-12L58
ZENITH RADIO CORP.
CHICAGO, ILL.

Voltage, Alignment
Socket, Trimmers

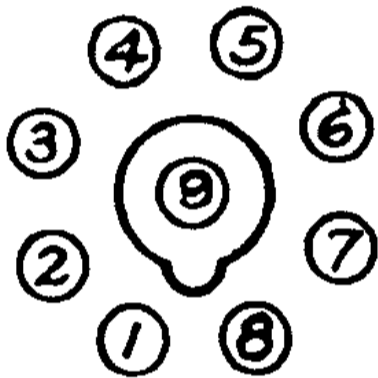
ZENITH RADIO CORP.

MODELS 12-L-57, 12-L-58
Chassis 1202, 1202A

Socket Voltages

TUBE	POSITION	1	2	3	4	5	6	7	8	9
6K7	R.F.	0	2.9 _{ac}	225	97	0	-	2.9 _{ac}	0	-.1
6A8	1st. Det. Osc.	0	2.9 _{ac}	225	97	-5	200	2.9 _{ac}	0	-.1
6K7	I.F.	0	2.9 _{ac}	225	97	0	-	2.9 _{ac}	0	-.1
6H6	2nd Det. A. V. C.	0	2.9 _{ac}	-2.1	-2.5	-2.5	-	2.9 _{ac}	-2.5	-
6C5	Shadow Meter	0	2.9 _{ac}	215	-	0	-	2.9 _{ac}	8.5	-
6C5	1st. Audio	0	2.9 _{ac}	42	-	0	-	2.9 _{ac}	0	-
6C5	Driver	0	2.9 _{ac}	215	-	0	-	2.9 _{ac}	8.5	-
6F6	Power	0	2.9 _{ac}	340	340	-4.5	-	2.9 _{ac}	25	-
5Y3 5Z4	RECT.	0	350	-	300 a.c.	-	300 a.c.	-	350	-

Line Voltage 115 Antenna and Ground Disconnected
Voltages measured from point indicated to ground, using a
1000 ohm per volt meter, except heaters. (2-7)



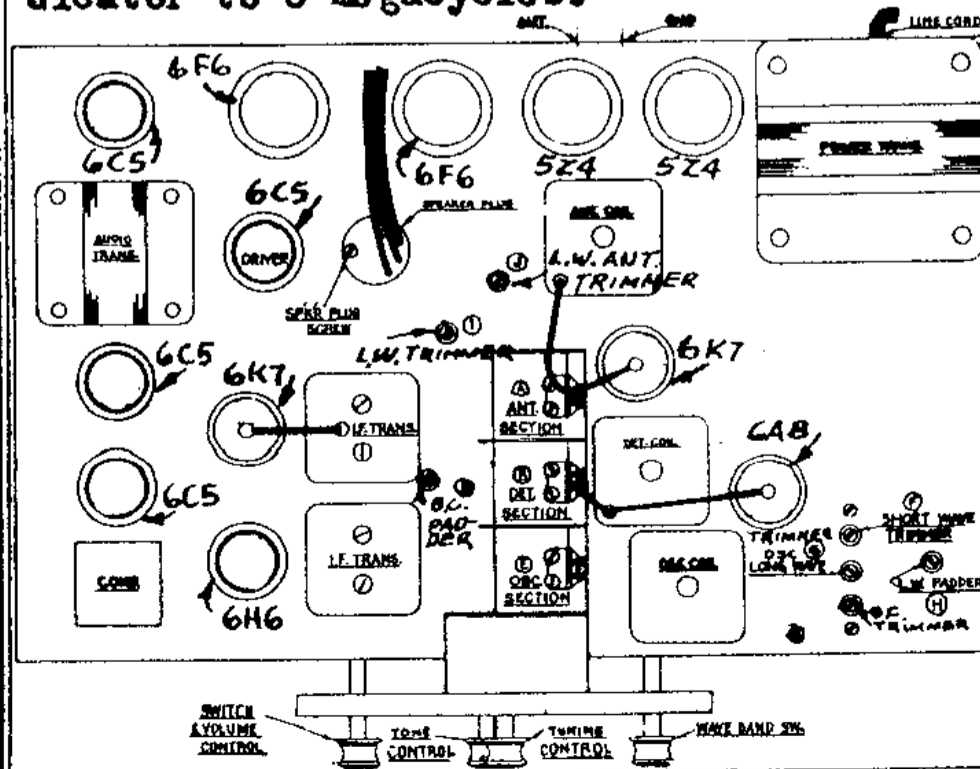
**BOTTOM VIEW
OF SOCKET**

Alignment

The bands are as follows:

Band	Color	Kilocycles	Megacycles	Meters
A	Green	550-1,740	.55-1.74	545-172
B	"	2,000-7,000	2-7	150-42.8
C	Red	150-370	.15-.37	2,000-800
D	"	7,000-22,500	7-22.5	42.8-13.3

1. Connect service oscillator to grid of 6A8 detector, oscillator tube and peak I.F. trimmers (see diagram Page 3) at 456 K.C.
2. Connect service oscillator to antenna post and set to 1400 K.C. Adjust trimmers A, B and C to resonance with dial indicator to 1400 K.C.
3. Set service oscillator to 600 K.C. and adjust broadcast padder D for maximum gain while rocking dial slowly over 600 K.C.
4. Place band switch on band B (2-7M.C.) and set service oscillator and dial indicator to 6 megacycles.



5. Align D band (7-22.5 megacycles) next by setting service oscillator and dial indicator to 18 megacycles and rocking indicator slowly over that point while adjusting trimmer F to maximum output.

6. Set band switch to C band (long wave and peak at 350 K.C. with trimmers G, I and J. Turn dial indicator and service oscillator to 150 K.C. and adjust long wave padder H while slowly rocking dial indicator.

7. Rebalance again at 6 megacycles and 1400 K.C. as in 2 and 4.