

QMB N°	PART N°	DESCRIPTION	QMB N°	PART N°	DESCRIPTION	QMB N°	PART N°	DESCRIPTION	QMB N°	PART N°	DESCRIPTION
C1	22-964	TWO GANG VARIABLE	C24	22-830	.02 MFD.	R15	63-605	1000 OHM	14	58778	CHOKES ASSEMBLY
C2	22-826	.01 MFD.	C25	22-358	.002 MFD.	R16	63-366	4700 OHM	15	100-39	PILOT LIGHT 2.5V. .17A.
C3	22-829	.05 MFD.	C26	22-379	DUAL OSC. PADDER	R17	63-990	VOLUME CONTROL			
C4	22-869	50MMFD.	C27	22-868	COMPENSATING COND.	R18	63-591	22M OHM			
C5	22-828	.05 MFD.	C28	22-319	.005 MFD.	R19	63-679	5600 OHM			
C6	22-350	.25 MFD.	C29	22-972	.015 MFD.	R20	63-363	120 OHM			
C7	22-162	.001 MFD.				R21	63-577	100 OHM			
C8	22-827	.1 MFD.									
C9	22-856	.0005 MFD.									
C10	22-188	.02 MFD.									
C11	22-974	20MMFD. ELECTROLYTIC	R1	63-597	470M OHM						
C12		20MFD.	R2	63-576	60 OHM						
C13		30MMFD. ELECTROLYTIC	R3	63-599	47M OHM	1	57811	ANTENNA COIL ASSEMBLY			
C14	22-771	.15 MFD.	R4	63-649	56M OHM	2	58007	OSCILLATOR COIL ASSEMBLY			
C15		.10 MFD.	R5	63-628	270 OHM	3	57587	OSC. COUPLER COIL ASSEMBLY			
C16	22-448	.004 MFD.	R6	63-599	1.5 MEG OHM	4	57649	AUTOMATIC TUNING UNIT ASSEM.			
C17	22-827	.02 MFD.	R7	63-711	82M OHM	5	85-210	BAND SELECTOR SWITCH			
C18	22-182	.00025 MFD.	R8	63-659	470M OHM	6	95-649	12T I.F. TRANSFORMER			
C19	22-470	.00015 MFD.	R9	63-160	180M OHM	7	95-650	25T I.F. TRANSFORMER			
C20	22-716	.0005 MFD.	R10	63-634	820 OHM	8	58019	TRIMMER CONTROL SWITCH			
C21	22-458	.006 MFD.	R11	63-271	1 MEG OHM	9	190-11	VIBRATOR			
C22	22-326	.009 MFD.	R12	63-596	220M OHM	10	95-645	POWER TRANSFORMER			
C23	22-199	.5 MFD.	R13	63-977	270 OHM WIREWOUND	11	85-177	POWER SUPPLY SWITCH			
			R14	63-796	10M OHM	12	85-171	BATT. CONSERVATION SWITCH			
						13	55043	CHOKES ASSEMBLY			

I.F. FREQUENCY 455 KC.
6 TUBE SUPERHETERODYNE
CHASSIS N°5679 6K-D.C. 110V-AC. 3 BAND
ZENITH RADIO CORPORATION

Models 6J436—6J463

Chassis No. 5679

ALIGNMENT PROCEDURE

Operation	Connect Test Oscillator to	Dummy Antenna	Input Signal Frequency	Band	Set Dial At	Adjust Trimmers	Purpose
1	6D8 R. F. Grid	0.5 Mfd.	455 Kc.	I. F.	600 Kc.	A, B, C, D	I. F. Alignment
2	Rec. Ant. Post	200 Mfd.	1500 Kc.	Broadcast	1500 Kc.	F	Set Oscillator to Scale
3	Rec. Ant. Post	200 Mfd.	1500 Kc.	Broadcast	1500 Kc.	G	Alignment of Antenna
4	Rec. Ant. Post	200 Mfd.	600 Kc.	Broadcast	600 Kc.	J	Rock Gang and Adjust for Max. Output
5	Rec. Ant. Post	200 Mfd.		Broadcast		F, G	Repeat 2 and 3
6	Rec. Ant. Post	400 Ohms	18000 Kc.	S. W.	18000 Kc.	M	Rock gang & adj. for max. output
7	Rec. Ant. Post	400 Ohms	16000 Kc.	S. W.	16000 Kc.	L	Rock Gang and Adjust for Max. Output
8	Rec. Ant. Post	400 Ohms	6000 Kc.	Police	6000 Kc.	N	Rock Gang and Adjust for Max. Output

Models 6J436—6J463

CHASSIS No. 5679

All voltages measured with a 1000 ohm per volt meter from chassis to socket contact indicated.

All voltages are positive D.C. unless marked otherwise.

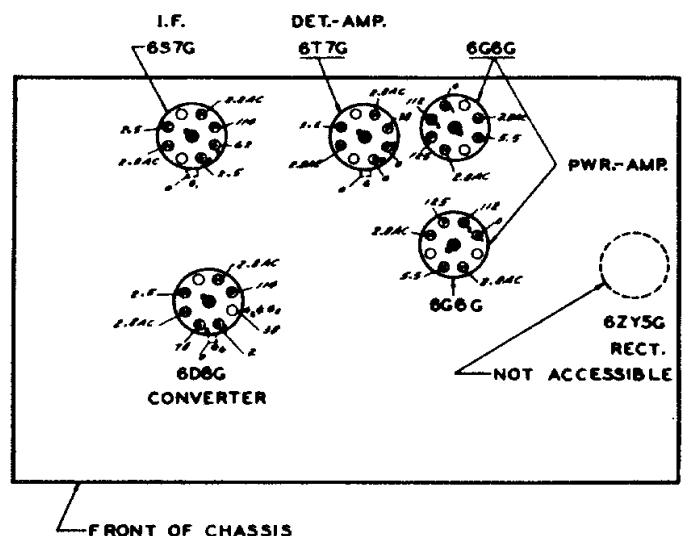
Battery conserver switch in NORMAL position.

Volume control full on.

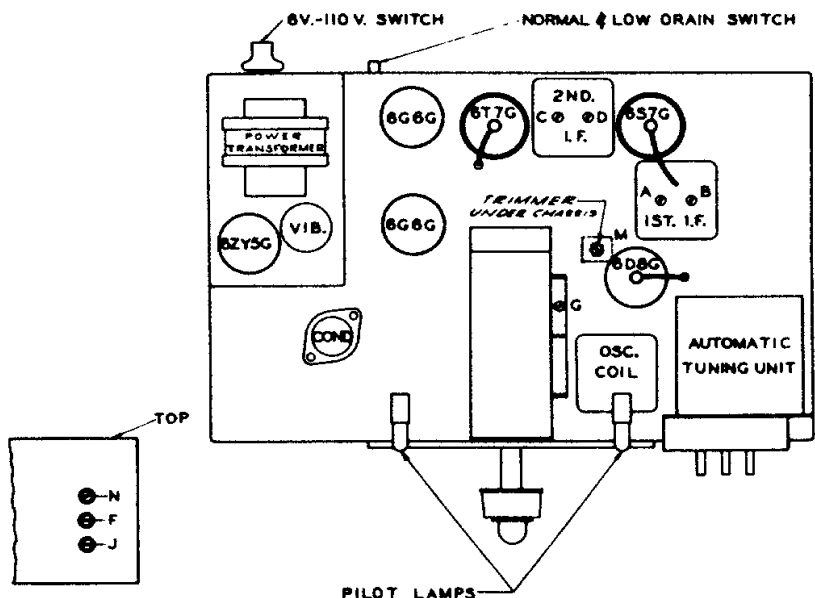
Line voltage 112 v. A.C.

LEGEND

- F—Filament
- H—Heater
- D—Diode
- G1—Control Grid
- G2—Screen Grid
- G3—Suppressor Grid
- P—Plate
- K—Cathode



Socket Voltages



Location of Tubes and Trimmers