

DIAG. NO.	PART NO.	DESCRIPTION	DIAG. NO.	PART NO.	DESCRIPTION	DIAG. NO.	PART NO.	DESCRIPTION
C 1	22-886	TWO GANG VARIABLE	R 1	63-593	47 M OHM	5	3 6903	2ND I.F. TRANS. ASSEMBLY
C 2	22-939	.1 MFD	R 2	63-591	22 M OHM	6	3 6997	AUTOMATIC TUNING UNIT ASSEM.
C 3	22-250	.05 MFD	R 3	63-572	15 OHM	7	MS 517	TONE CONTROL SWITCH
C 4		100 MMFCD	R 4	63-600	2.2 MEGOHM	8	100-77	BALLAST TUBE
C 5	22-841	.02 MFD	R 5	63-1028	VOLUME CONTROL	9	100-67	PILOT LIGHT BULB
C 6	22-868	COMPENSATING CONDENSER	R 6	63-602	4.7 MEGOHM			6.3 V.-.15 AMP
C 7		DUAL 100 MMFCD	R 7	63-296	220 M OHM			
C 8	22-837	.01 MFD	R 8	63-597	470 M OHM			
C 9	22-833	.0005 MFD	R 9	63-686	150 OHM WIREWOUND			
C 10	22-836	.03 MFD	R 10	63-1017	27 OHM WIREWOUND			
C 11	22-839	.05 MFD	R 11	63-713	47 M OHM			
C 12		40 MFD ELECTROLYTIC	R 12	63-717	220 M OHM			
C 13	22-835	.16 "						
C 14		.20 "						
C 15	22-844	TONE CONTROL CONDENSER	1		WAVEMAGNET ASSEMBLY			
			2	5 6927	OSCILLATOR COIL ASSEMBLY			
			3	5 6942	OSC COUPLED COIL ASSEMBLY			
			4	5 6902	1ST I.F. TRANS. ASSEMBLY			

**MODELS 6D413, 6D414, 6D426, 6D427, 6D446, 6D455 (Chassis No. 5660)**

# Models 6D413, 6D414, 6D426, 6D427, 6D446, 6D455

CHASSIS No. 5660

## Zenith Radio Corporation

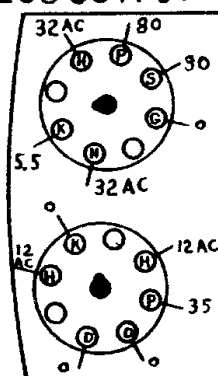
### NOTE

Voltages measured from No. 7 pin on ballast tube to point indicated using a 1000 ohm per volt meter. Vol. control at minimum. Antenna disconnected.

All filament voltages measured across each respective tube, using an A.C. volt-meter.

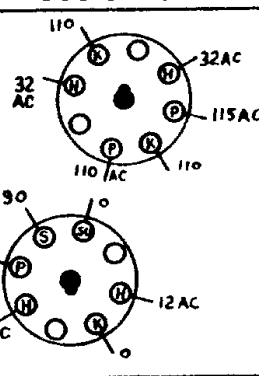
Line voltage — 110v.

35L6G-OUTPUT



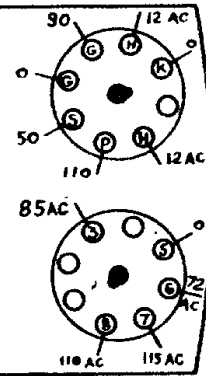
12Q7G-2ND. DET.

35Z5G-RECT.



12K7G-I.F.  
FRONT OF CHASSIS

12A8G-DET. OSC.



100-77-BALLAST

### LEGEND

NC—No Connection

SH—Shield

H—Heater

P—Plate

S—Screen

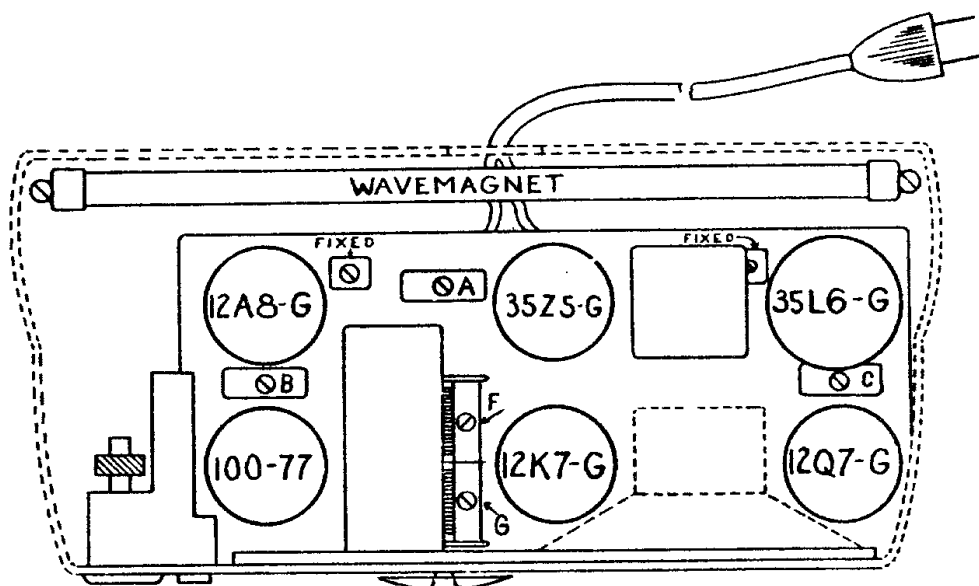
G—Grid

SU—Suppressor

D—Diode

F—Filament

K—Cathode



Location of tubes and trimmers

## ALIGNMENT PROCEDURE

Operation	Connect Test Oscillator to	Dummy Antenna	Set Test Oscillator to	Band	Set Dial At	Adjust Trimmers	Purpose
1	1st Det. Grid	.5 Mid.	455	B'dcast	600	A B C	I. F. Alignm't.
2	Single Turn Loop Loosely Coupled to Wave Magnet	—	1500	"	1500	F	Set Osc. to Scale
3		—	1500	"	"	G	Alignment of Ant.