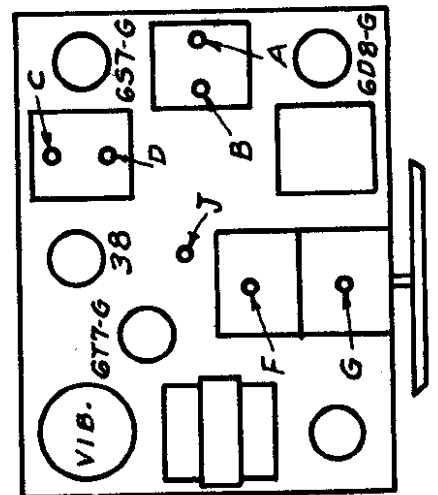
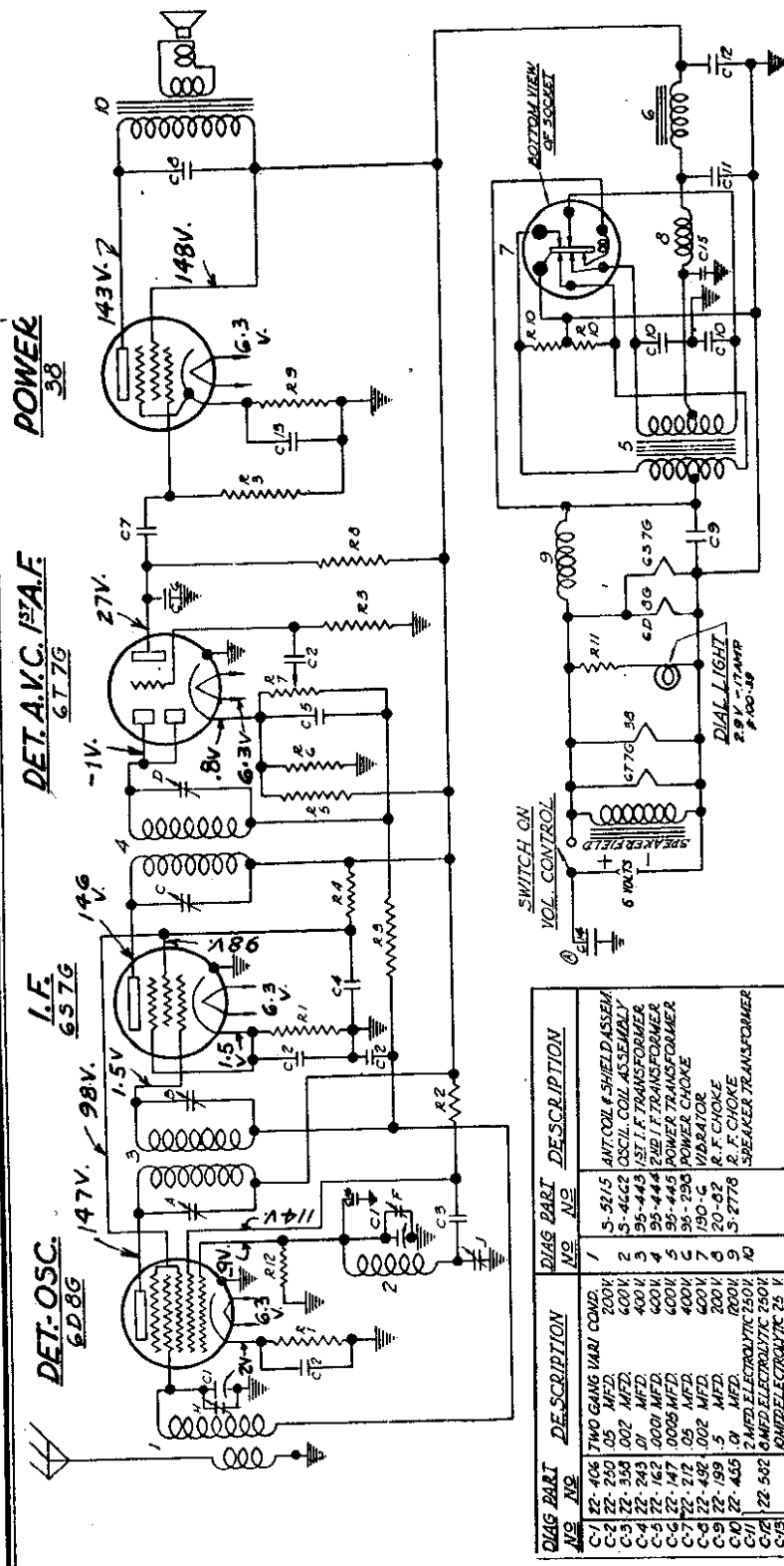


Chassis 5409
Schematic, Voltage
Socket, Trimmers
Alignment, Parts

ZENITH RADIO CORP.



4 TUBE BATTERY SUPERHETERODYNE
I.F. - FREQUENCY 456 K.C.

FOR PHONO DATA, SEE INDEX

ALIGNMENT PROCEDURE

DIAG PART NO.	DESCRIPTION	DIAG PART NO.	DESCRIPTION
C-1	22-406 TWO GANG VARI COND.	1	S-5215 ANT. COIL & SHIELD ASSEMBLY
C-2	22-250 .05 MFD.	2	S-4622 OSCIL. COIL ASSEMBLY
C-3	22-354 .002 MFD.	3	95-443 1ST I.F. TRANSFORMER
C-4	22-243 .01 MFD.	4	95-444 2ND I.F. TRANSFORMER
C-5	22-162 .0001 MFD.	5	95-445 POWER TRANSFORMER
C-6	22-177 .0005 MFD.	6	98-298 VIBRATOR
C-7	22-212 .05 MFD.	7	190-C R.F. CHOKE
C-8	22-496 .002 MFD.	8	20-62 R.F. CHOKE
C-9	22-199 .01 MFD.	9	S-2778 SPEAKER TRANSFORMER
C-10	22-455 .01 MFD.	10	
C-11	2 MFD. ELECTROLYTIC 250V.		
C-12	2 MFD. ELECTROLYTIC 250V.		
C-13	2 MFD. ELECTROLYTIC 250V.		
R-1	100 OHM		
R-2	25 OHM		
R-3	50 OHM		
R-4	100 OHM		
R-5	100 OHM		
R-6	100 OHM		
R-7	100 OHM		
R-8	100 OHM		
R-9	100 OHM		
R-10	100 OHM		
R-11	100 OHM		
R-12	100 OHM		

Operation	Connect Test Oscillator to—	Dummy Antenna	Set Test Osc. to	Band	Set Dial At	Adjust Trimmers	Purpose
1	1st Det. 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	"	"	1500	"	1500	G	Align of Ant.
4	"	200 Mmfd.	600	"	600	J	Rock gang & adj. for max. output
5	"	200 Mmfd.	1500	"	1500	FG	Repeat 3 & 4.