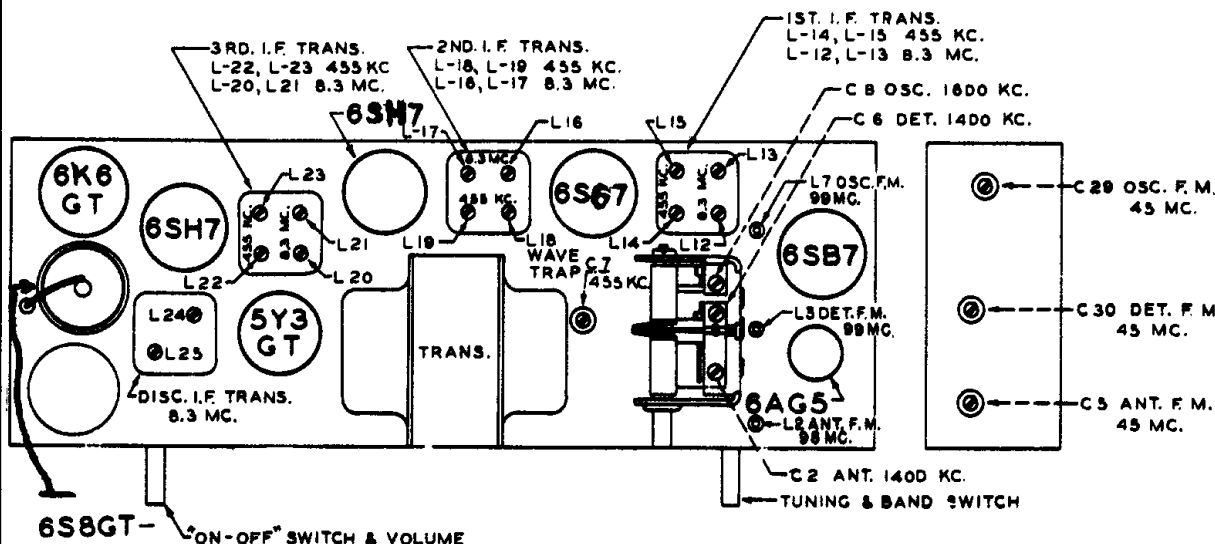


DIAG NO	PART NO	DESCRIPTION
C1	22-1368	3-GANG VARIABLE
C2	DN C1	BROADCAST ANT. TRIM.
C3	22-829	.05 MFD. 200 V.
C4	27-87	475 MMFD. MICA DISC.
C5	22-1485	90 MMF TRIMMER
C6	ON C1	BROADCAST DET. TRIM.
C7	ON L5	WAVE TRAP TRIMMER
C8	22-1431	.001 MFD. 600 V.
C9	DN C1	BROADCAST OSC. TRIM
G10	22-1367	50 MMFD. 500 V.
G11	22-1492	50 MMFD. CER.
G12	22-470	150 MMFD. 800 V.
G13	22-830	.02 MFD. 800 V.
G14	22-1138	500 MMF. 600 V.
G15	22-1445	.002 MFD. 600 V.
G16	22-288	.003 MFD. 600 V.
G17	22-827	.1 MFD. 200 V.
G18	22-448	.004 MFD. 600 V.
G19		40 MFD. ELECTRD 25 V.
G20	22-1382	40 MFD. " 450 V.
G21		40 MFD. " 450 V.
G22	22-162	100 MMFD. 600 V.
G23	22-1041	.005 MFD. 400 V.
G24	22-182	250 MMFD. 600 V.
G25	22-1491	20 MMFD. CER.
G26	22-1488	100 MMFD. 300 V.
G27	22-1489	10 MMFD. CER.
G28	22-1490	18 MMFD. CER.
G29	22-1487	55 MMF TRIMMER
G30	22-1488	70 MMF "
G31	22-1385	.01 MFD. 200 V.
G32	22-1137	150 MMFD 800 V.
G33	22-196	.01 MFD. 600 V.
G34	22-188	.02 MFD. 400 V.
G35	22-1135	.005 MFD 600 V.

Zenith Radio, Chassis 8C20, Models 8H032, 8H033, 8H050, 8H051, 8H052.



ALIGNMENT PROCEDURE**MODELS 8H032-8H033-8H050-8H051-8H052**

The signal generator output should be kept just high enough to get an indication on the meter.

- (a) Vacuum Tube Voltmeter pin 5 on discriminator transformer to chassis (half discriminator load.)
- (b) Vacuum Tube Voltmeter pin 7 on discriminator transformer to chassis (full discriminator load.)
- (c) Vacuum Tube Voltmeter 6SH7 limiter grid (pin 4) to chassis.
- (d) 300 ohm $\frac{1}{2}$ watt carbon resistor soldered across the secondary L17 (pin 2 and 3 of 2nd, IF trans.).

CHASSIS No. 8C20

Operation	Connect Oscillator to	Dummy Antenna	Input Signal Frequency	Band	Set Dial To	Adj. Trimmers	Purpose
1	Pin 8 on Converter Tube 6SB7 Socket	.05 Mfd.	455 Kc. Modulated	BC	600 Kc.	L-14,15,18,19 22 and 23	Align I.F. channel for maximum output
2	Pin 1 on R.F.tube 6AG5 socket	.05 Mfd.	455 Kc. Modulated	BC	600 Kc.	C7	Adjust wavetrap for minimum output
3	2 turns loosely cpld. to wavemagnet		1600 Kc. Modulated	BC	1600 Kc.	C9	Set oscillator to dial scale
4	2 turns loosely cpld. to wavemagnet		1400 Kc. Modulated	BC.	1400 Kc.	C2 & C6	Align det. and ant. stages.
5(a)	Pin 4(grid)on 6SH7 limiter socket	.05 Mfd.	8.3 Mc. Unmodulated	FM 45		L24 coil slug Primary discr.	Align primary of discriminator for maximum reading
6(b)	Pin 4(grid)on 6SH7 limiter socket	.05 Mfd.	8.3 Mc. Unmodulated	FM 45		L25 coil slug sec. of disc.	Adjust secondary of discriminator for zero reading
7(c)	Pin 4 (grid) on 6SH7 2nd IF tube socket	.05 Mfd.	8.3 Mc. Unmodulated	FM 45		L20 & L21 Prim.&sec. of 3rd IF trans.	Align 3rd IF transformer for maximum reading
8(c)(d)	Pin 4 (grid) on 6SG7 1st IF tube socket	.05 Mfd.	8.3 Mc. Unmodulated	FM 45		L16 & L17 primary and sec. of 2nd IF transformer	Align 2nd IF transformer for maximum reading
9(c)(d)	Pin 8(grid)on 6SB7 converter tube socket	.05 Mfd.	8.3 Mc. Unmodulated	FM 45		L12 & L13 Primary & Sec. of 1st IF transformer	Align 1st IF transformer for maximum reading
10(c)	Antenna Post (Remove line ant.)	270 ohms	98 Mc. Unmodulated	FM 100	98 Mc.	L7 Osc. Coil slug	Set oscillator to dial scale
11(c)	Antenna Post (Remove line ant.)	270 ohms	98 Mc. Unmodulated	FM 100	98 Mc.	L2 & L3 Det. and RF coil slugs	Align det. and ant. stages to maximum reading
12(c)	Antenna Post (Remove line ant.)	270 ohms	45 Mc. Unmodulated	FM 45	45 Mc.	C29	Set oscillator to dial scale
13(c)	Antenna Post (Remove line ant.)	270 ohms	45 Mc. Unmodulated	FM 45	45 Mc.	C5 and C30	Align detector & ant. stages for maximum reading