

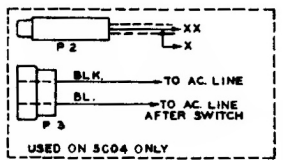
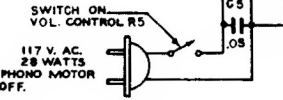
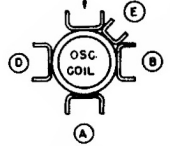
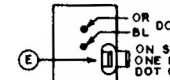
ALL VOLTAGES MEASURED FROM COMMON RETURN TO POINTS INDICATED BY AN A.C.D.C. OR VACUUM TUBE VOLTMETER AS REQUIRED.

DIAG.	PART	DESCRIPTION
C1*	22-1419	2-GANG VARIABLE (5C02)
C2	22-1356	2-GANG VARIABLE (5C04)
C3	ON C1	BROADCAST ANT. TRIMMER
C4	22-829	.05 MFD. 200V
C5	ON C1*	BROADCAST OSC. TRIMMER
C6	22-1017	.05 MFD. 200V
C7	ON T1	PLI.F. TRANS. PRI. TRIMMER
C8	ON T2	PLI.F. " SEC. "
C9	ON T2	2nd. F. " PRI. "
C10	22-953	.0002 MFD. 600V
C11	22-889	.01 MFD. 800V
C12	22-826	.01 MFD. 200V
C14	22-854	.0005 MFD. 600V
C13	22-196	.01 MFD. 600V
C18	22-1379	.02 MFD. 400V
C17		40MFD. ELECTRO. 150V
C18	22-1381	40MFD. " 150V
C19		40 MFD. " 150V
*	28-354	DIAL SCALE
R1	63-579	220 OHM
R2	63-589	10M OHM
R3	63-576	15 MEGOHM
R4	63-600	2.2 MEGOHM
R5	63-1348	5 MEG. VOLUME CONTROL
R6	63-644	22M OHM
R7	63-597	470M OHM
R8	63-686	150 OHM WIREWOUND
R9	63-1218	22 OHM WIREWOUND
R10	63-1220	100 OHM WIREWOUND 1W.
R11	63-1221	880 OHM WIREWOUND 1W.
R12	63-602	4.7 MEGOHM
L1*	S11296	WAVEMAGNET ASSEMBLY
L2*	S11284	OSC. COIL "
T1	95-919	PLI.F. TRANS. "
T2	95-908	2nd. F. TRANS. "
PL1	100-87	PILOT LIGHT 6.3V .15A
S1	85-337	PHONO-RADIO SWITCH
S2	85-338	REJECT SWITCH USED ON 5C02 & 5C02 Z
P1	S11203	PHONO CABLE USED ON 5C02 & 5C02 Z
P2	S11287	PHONO CABLE USED ON 5C04 ONLY
P3	52-188	AC-RECEPTACLE USED ON 5C04 ONLY
SP1	49-518	5" SPEAKER P.M.

MODELS 5R080-5R086
CHASSIS Nos. 5C02-5C04

NOTE: ON 5C02Z ALL PARTS MARKED WITH * CHANGE TO THE FOLLOWING.
 C1 22-1327 2 GANG VARIABLE
 L1 S112877 WAVE MAGNET ASSEM.
 L2 S112632 OSC. COIL "
 26-367 DIAL SCALE

ALL RESISTORS ± 20% TOLERANCE UNLESS OTHERWISE SPECIFIED



DENOTES CHASSIS B

L.F. FREQUENCY 455 K.C.
TUNING RANGE 535-1620 K.C.

MODELS 5R080-5R086
CHASSIS Nos. 5C02-5C04

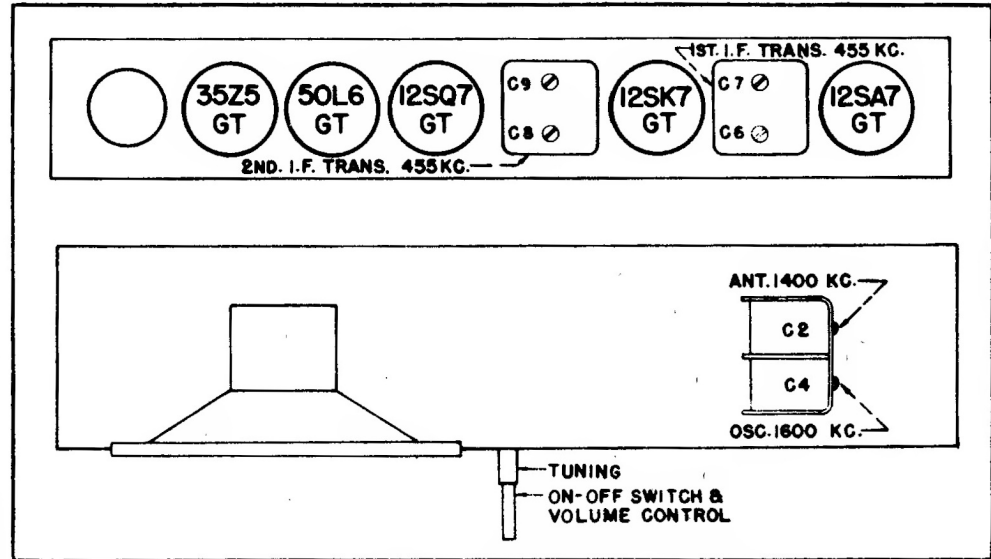
Zenith Radio Corp.

The 5C02 and 5C04 chassis are identical electrically. Chassis 5C02 has a Record Reject push button switch on the receiver control panel to reject records.

The socket P1 is used to connect the automatic record changer to the receiver.

The Phono-Radio switch is a two position double acting push-button switch and when in the "in" position connects the changer for playing records.

Chassis 5C04 has the same Phono-Radio switch arrangement. However, the 5C04 does not have socket P1 and the Record Reject switch. The record player is connected to the receiver by a shielded cable and socket arrangement.



TUBE AND TRIMMER LOCATION

ALIGNMENT PROCEDURE

OPERATION	CONNECT OSCILLATOR TO	DUMMY ANTENNA	INPUT SIG. FREQUENCY	SET DIAL AT	TRIMMERS	PURPOSE
1 1	Converter Grid	.5 Mfd.	455 Kc.	1600 KC.	C-6,C-7, C-8,C-9	Align I. F.
2	Single Turn Loop Loosely Coupled to Wave magnet		1600 Kc.	1600 Kc.	C-4	Set Oscillator to Dial Scale.
3			1400 Kc.	1400 Kc.	C-2	Align Ant