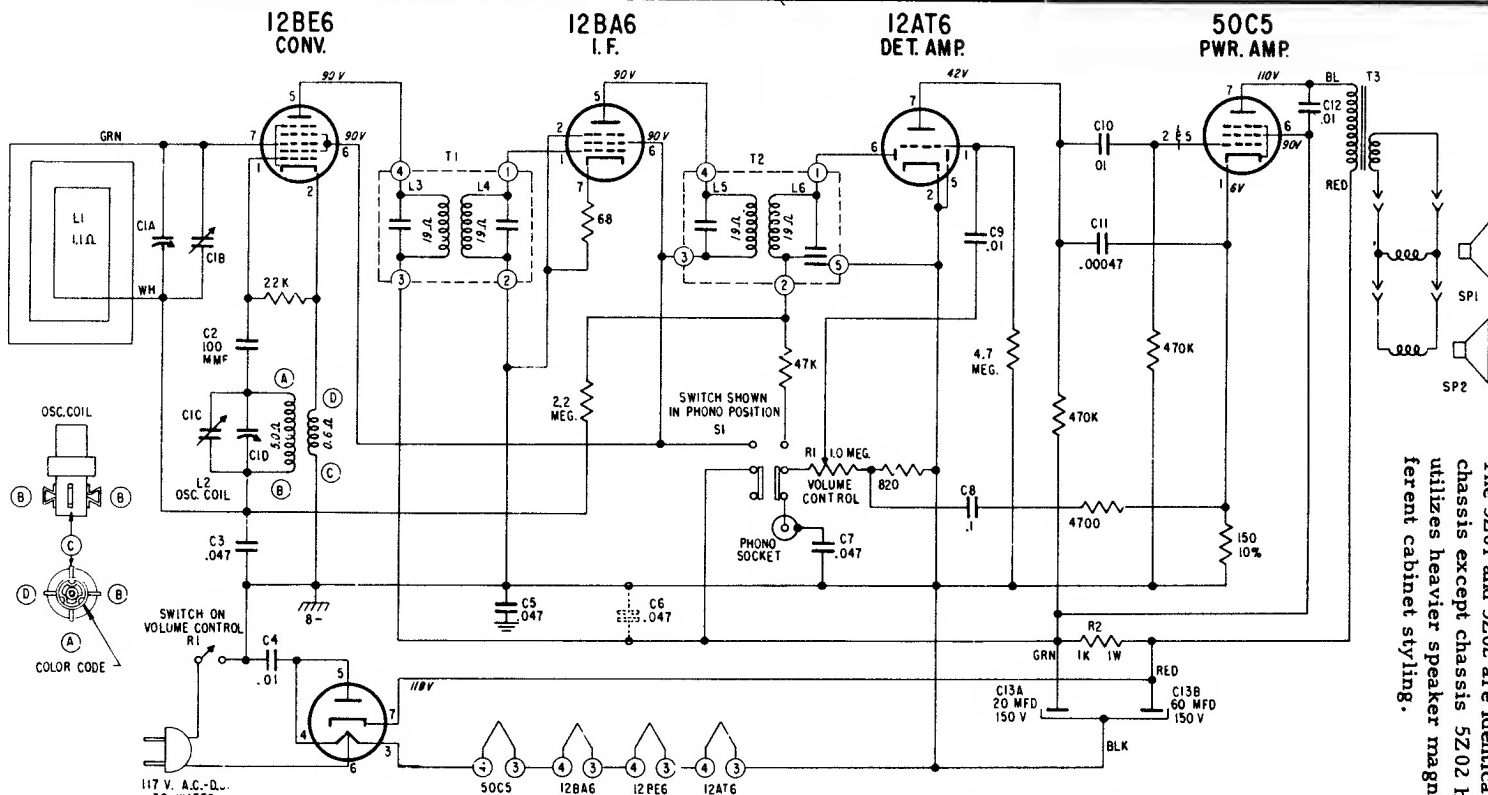




ZENITH RADIO CORPORATION

MODEL Z512Y, G & F, CHASSIS 5Z02

MODEL Z511R, CHASSIS 5Z01

The 5Z01 and 5Z02 are identical superheterodyne chassis except chassis 5Z02 has a phono jack, utilizes heavier speaker magnets and has different cabinet styling.

CHASSIS 5Z02

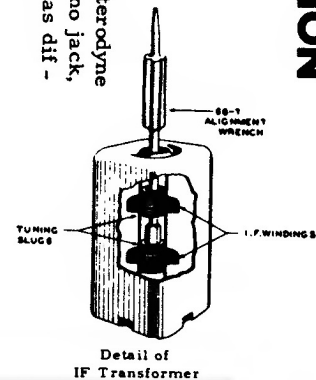
I.F. FREQUENCY 455 KC
TUNING RANGE 535-1620 KC

⏏ DENOTES CHASSIS ⏏ DENOTES COMMON RETURN B-

NOTES:
USE ONLY ZENITH NON-INDUCTIVE ELECTROLYTIC CONDENSERS FOR REPLACEMENT. IF ANY OTHER TYPE OF ELECTROLYTIC IS USED, IT WILL BE NECESSARY TO ADD PARTS SHOWN IN DOTTED LINES.
I.F. TRANSFORMER MARKER AT LUG NO. 4 AND NUMBERED CLOCKWISE AS VIEWED FROM BOTTOM OF CHASSIS.
ALL VOLTAGES MEASURED FROM COMMON RETURN TO POINTS INDICATED WITH AN A.C.-D.C. OR VACUUM TUBE VOLTMETER.
ALL VOLTAGES ARE D.C. UNLESS OTHERWISE SPECIFIED.
ALL RESISTOR TOLERANCES $\pm 20\%$, CARBON, 1/2 WATT UNLESS OTHERWISE SPECIFIED.

ALIGNMENT PROCEDURE

OPERATION	CONNECT OSCILLATOR TO	DUMMY ANTENNA	INPUT SIG. FREQUENCY	SET DIAL AT	TRIMMERS	PURPOSE
1	Converter Grid	.5 Mfd.	455 Kc.	600 Kc.	L3, L4, L5, L6	Align I.F. for maximum output
2	One Turn Loop Coupled Loosely to Wave Magnet	---	1600 Kc.	1600 Kc.	C1C	Set Oscillator to Dial Scale.
3		---	1400 Kc.	1400 Kc.	C1B	Align Antenna Stage



CHASSIS 5Z01

