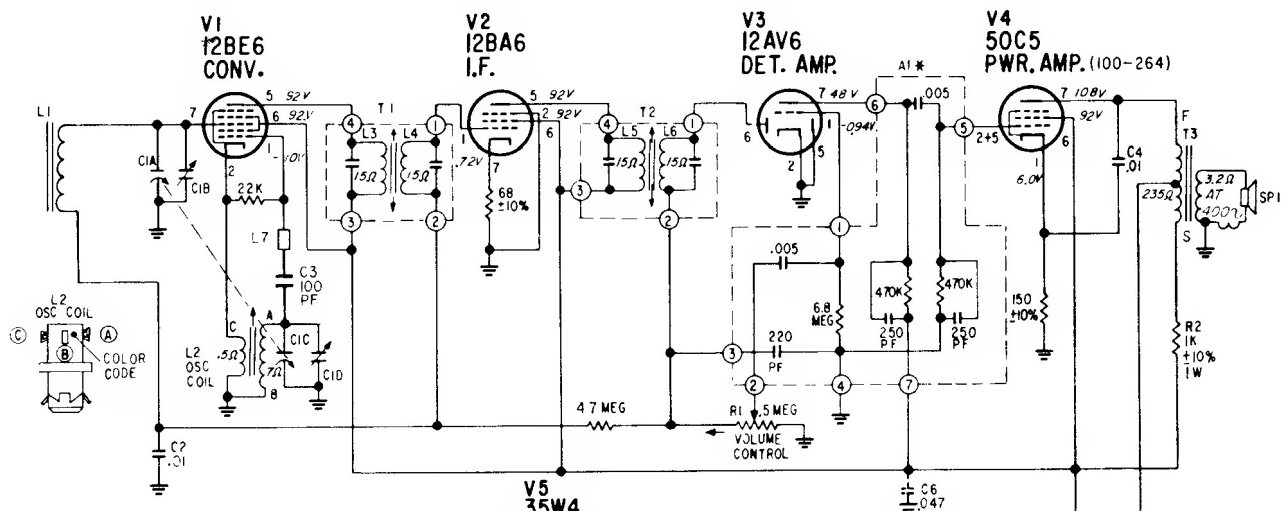
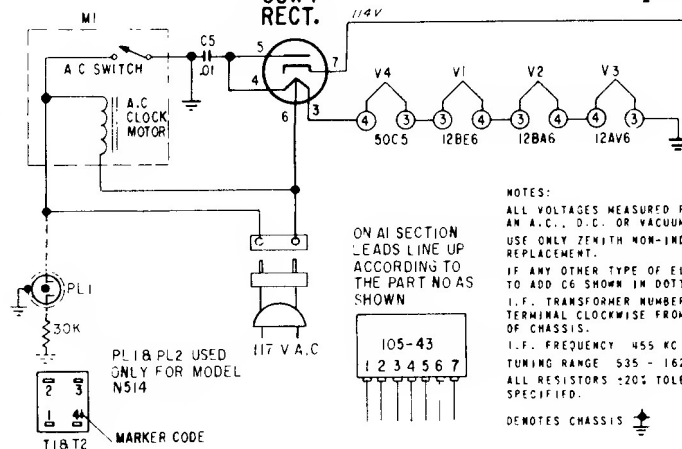


ZENITH RADIO MODELS N511C,L,W-N513B,J,W-N514C,G,L USING CHASSIS 5N02



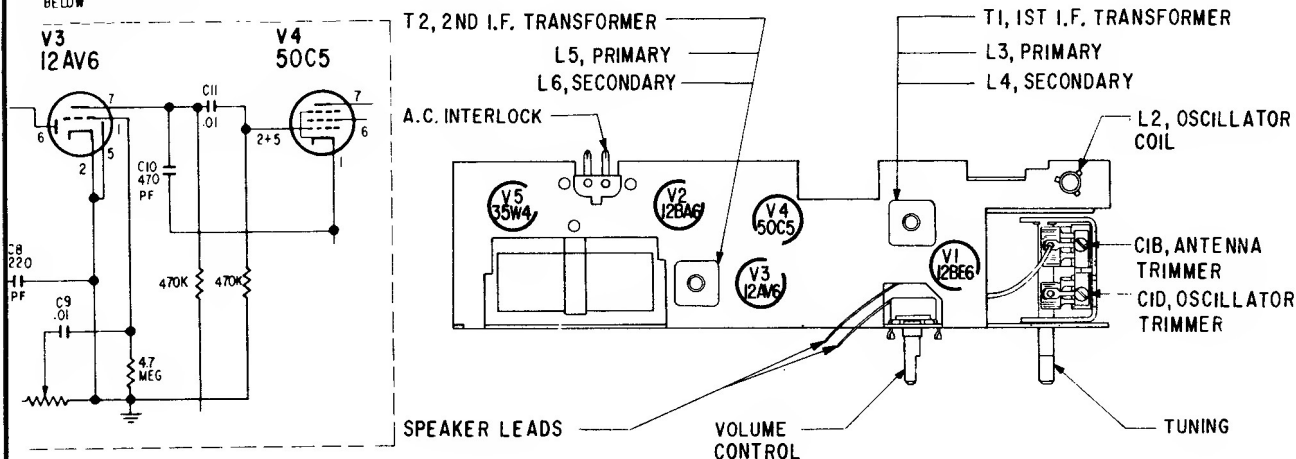
NOTE
I.F. TRANSFORMER CORE POSITIONS
ARE AS FOLLOWS
PRIMARY - BOTTOM
SECONDARY - TOP

TUBE POSITIONING GUIDE



NOTES:
ALL VOLTAGES MEASURED FROM CHASSIS TO POINTS INDICATED WITH AN A.C., D.C. OR VACUUM TUBE VOLTMETER.
USE ONLY ZENITH NON-INDUCTIVE ELECTROLYTIC CONDENSERS FOR REPLACEMENT.
IF ANY OTHER TYPE OF ELECTROLYTIC IS USED IT WILL BE NECESSARY TO ADD CG SHOWN IN DOTTED LINES.
I.F. TRANSFORMER NUMBERING STARTS WITH #1 TERMINAL AS FIRST TERMINAL CLOCKWISE FROM MARKER CODE TERMINAL AS VIEWED FROM BOTTOM OF CHASSIS.
I.F. FREQUENCY 455 KC
TUNING RANGE 535 - 1620 KC
ALL RESISTORS -20% TOLERANCE, 1/2 WATT, CARBON UNLESS OTHERWISE SPECIFIED.
DENOTES CHASSIS

* ALTERNATE PARTS WHEN A1 IS
NOT USED SEE SCHEMATIC
BELOW



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 max. output.
2	One Turn Loop Coupled Loosely to Wave magnet	—	1600 Kc.	1600 Kc.	C1D	Set Osc. to Dial Scale.
3		—	1400 Kc.	1400 Kc.	C1B	Align Antenna Stage.