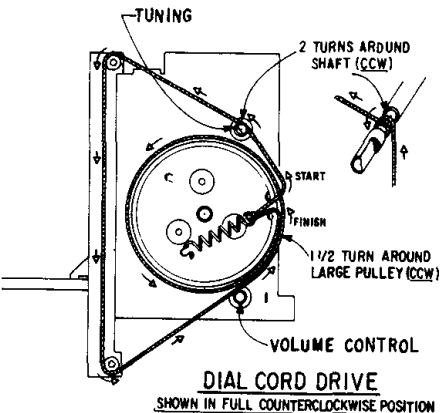
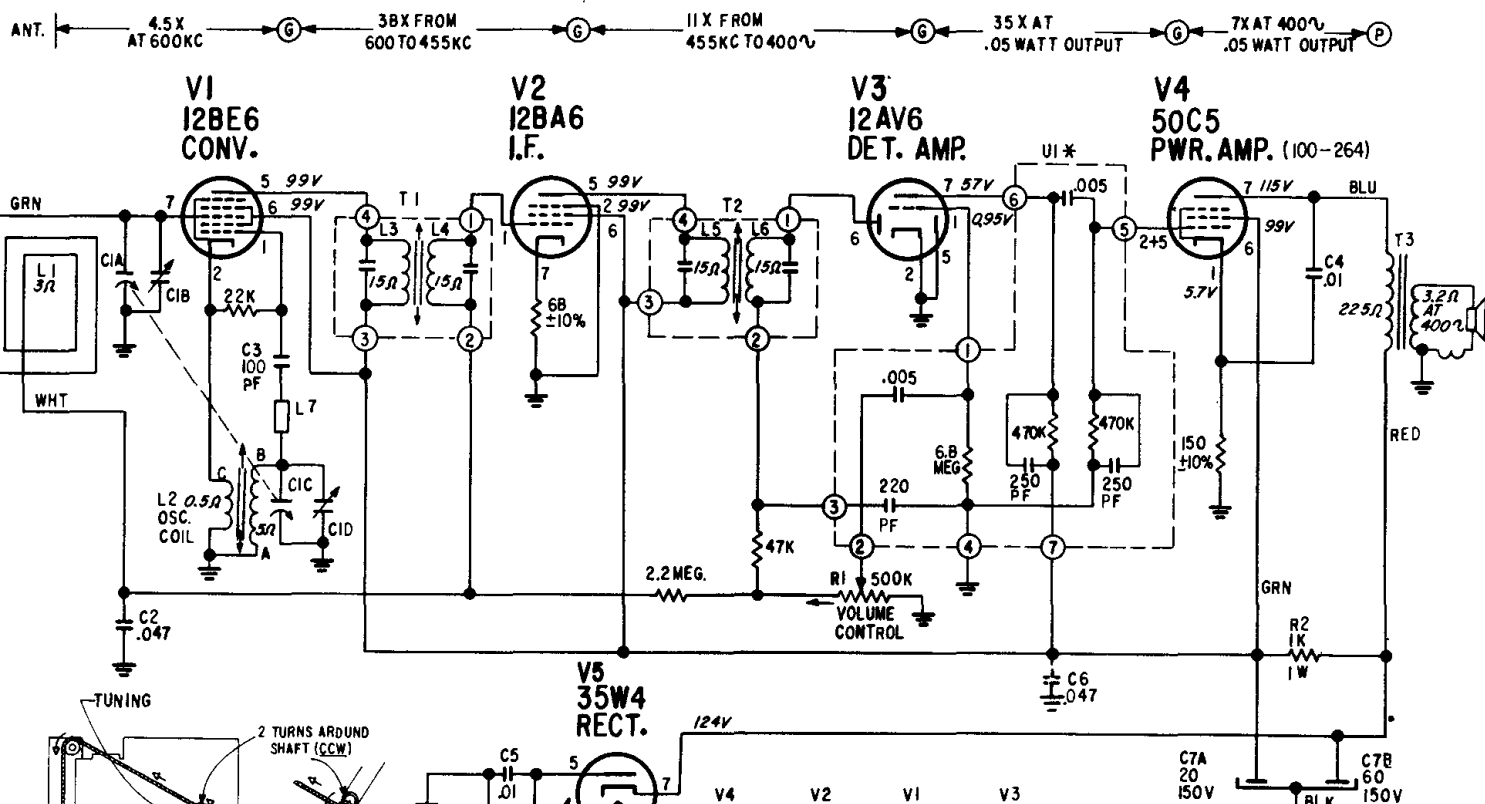
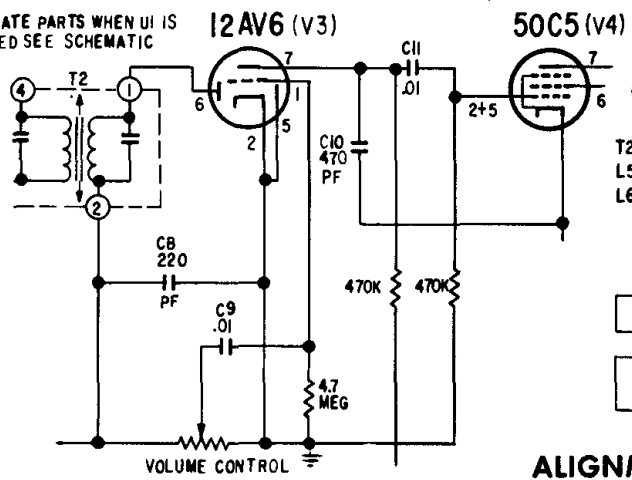


# ZENITH RADIO CORPORATION

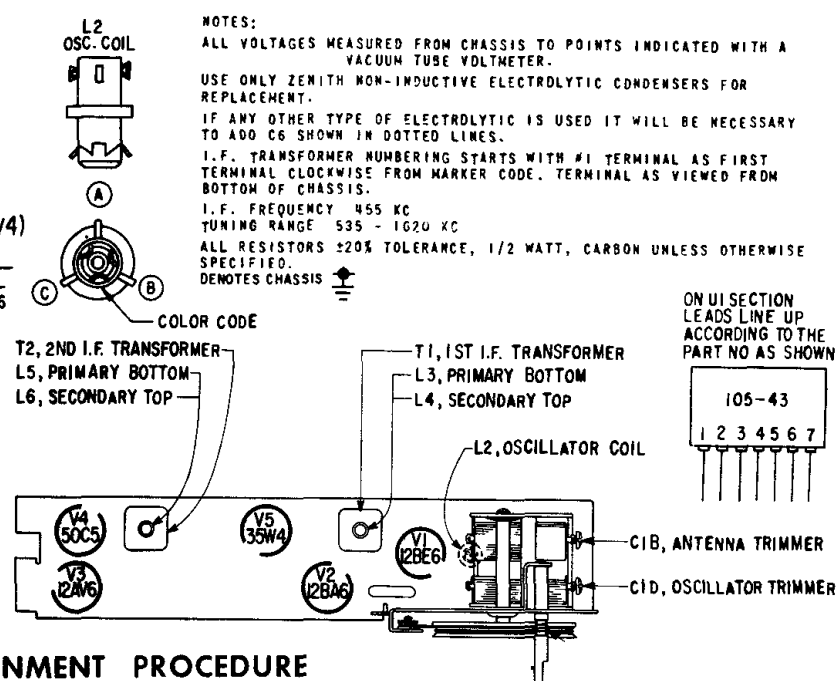
## MODELS M512B, C & W CHASSIS 5M13



\* ALTERNATE PARTS WHEN UI IS NOT USED SEE SCHEMATIC BELOW



NOTES:  
ALL VOLTAGES MEASURED FROM CHASSIS TO POINTS INDICATED WITH A 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 C6 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  $\pm 20\%$  TOLERANCE, 1/2 WATT, CARBON UNLESS OTHERWISE SPECIFIED.  
DENOTES CHASSIS



### 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.	L3,4,5,6	For I.F. Alignment.
2	One Turn Loop Coupled Loosely to Wave Magnet	—	1600 Kc.	1600 Kc.	CID	Set Oscillator to Dial Scale
3		—	1400 Kc.	1400 Kc.	CIB	Align Antenna Stage