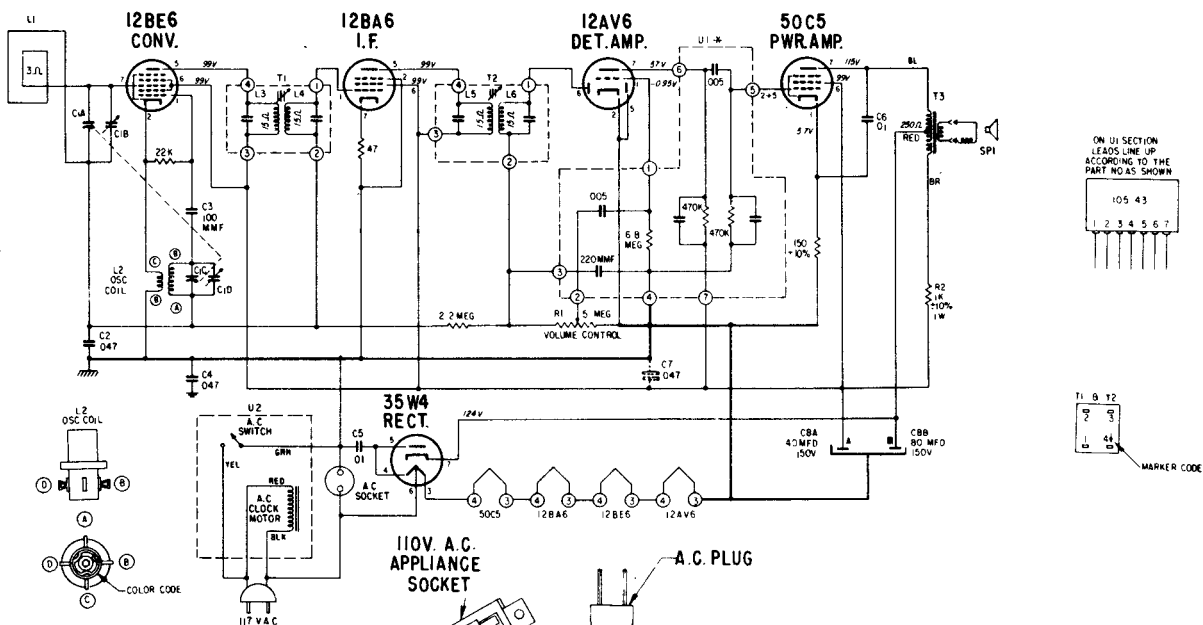
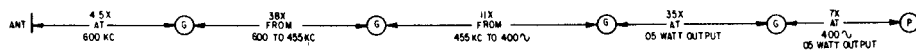


ZENITH RADIO CORPORATION

MODELS C520B,V,W

CHASSIS 5C09



NOTES:

ALL VOLTAGES MEASURED FROM COMMON RETURN 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 C7 SHOWN IN DOTTED LINES.

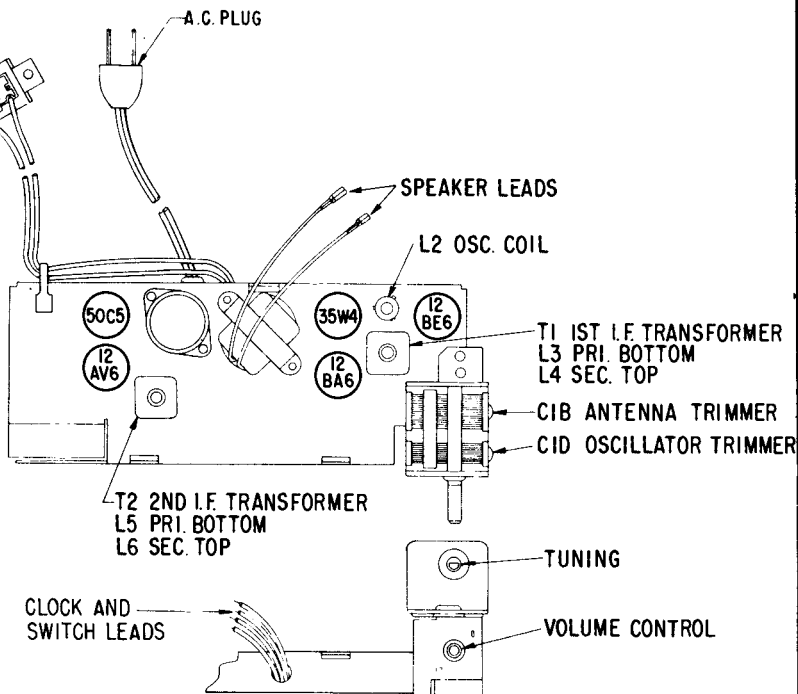
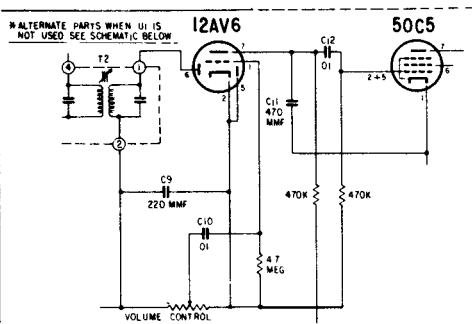
I.F. TRANSFORMER NUMBERING STARTS WITH #1 TERMINAL AS FIRST TERMINAL COUNTERWISE FROM MARKER CODE TERMINAL AS VIEWED FROM ACTION OF CHASSIS.

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

ALL RESISTORS ±20% TOLERANCE. 1/2 WATT CARBON UNLESS OTHERWISE SPECIFIED.

Denotes COMMON RETURN B

Denotes CHASSIS



TUBE AND TRIMMER LAYOUT

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	For I.F. Alignment.
2	One Turn Loop Coupled Loosely to Wave Magnet	—	1600 Kc.	1600 Kc.	C1D	Set Oscillator to Dial Scale
3		—	1400 Kc.	1400 Kc.	C1B	Align Antenna Stage