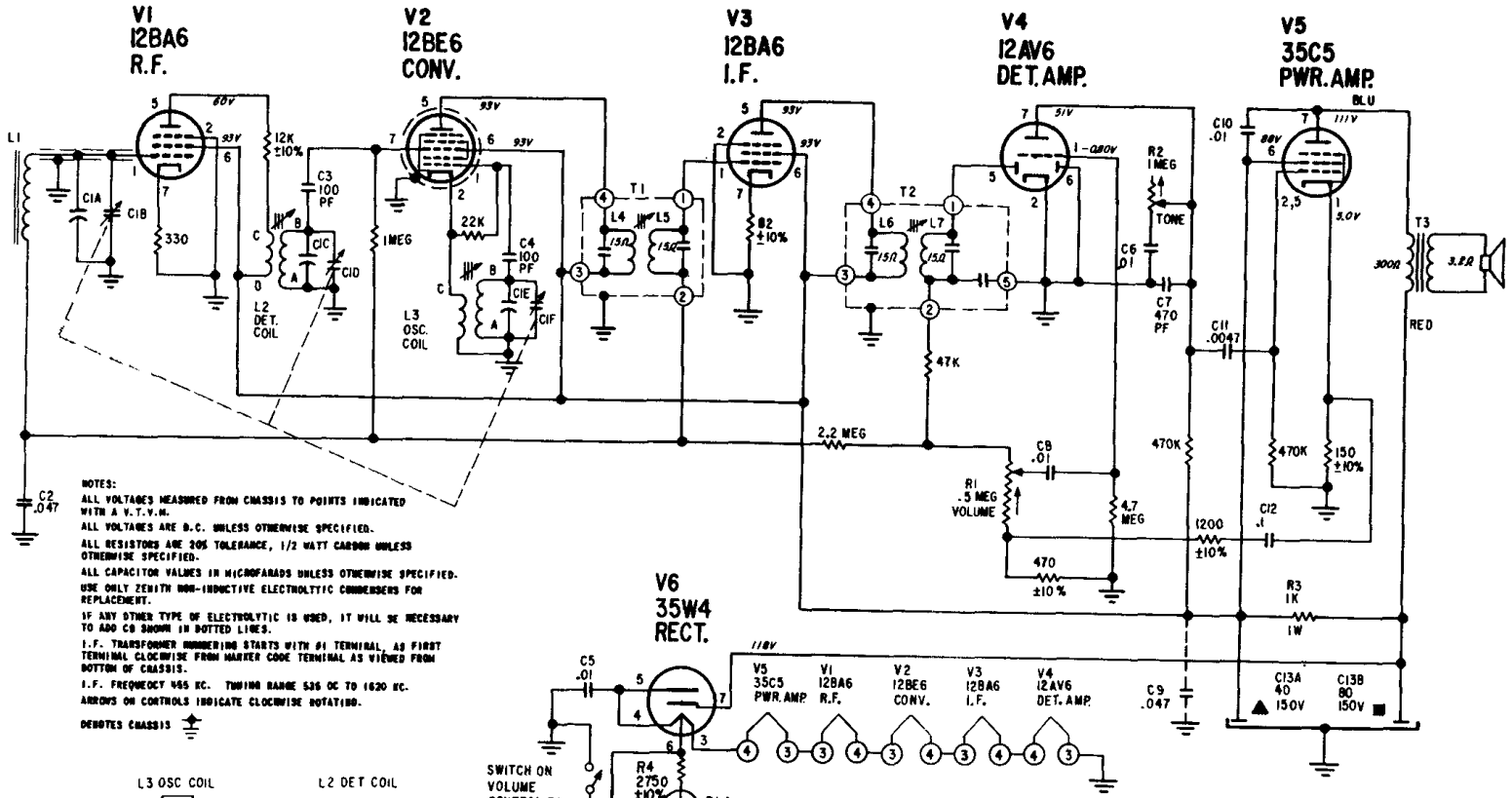
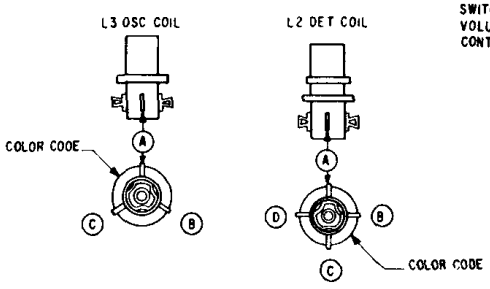
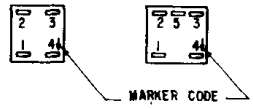
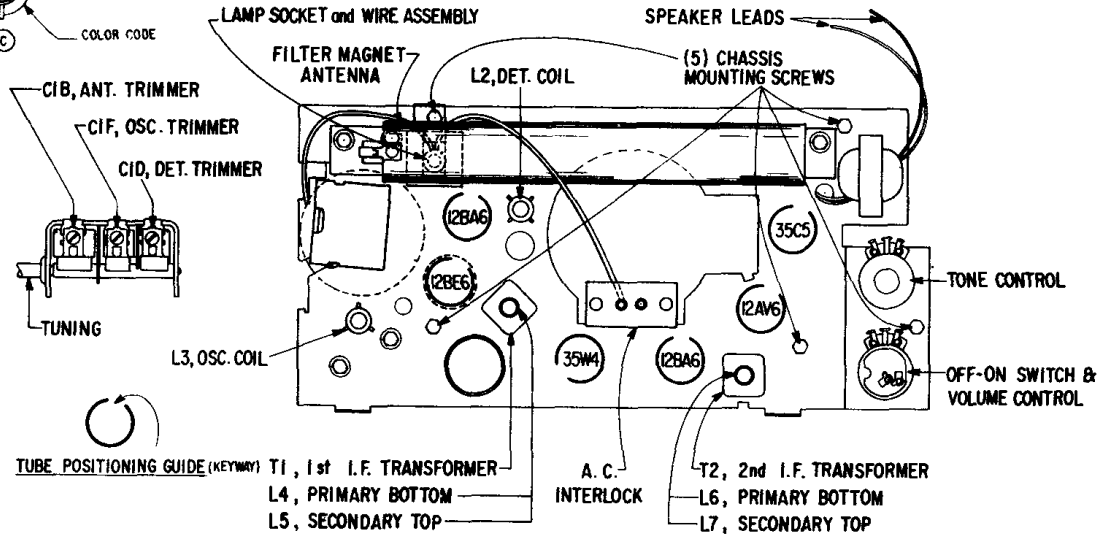
# ZENITH RADIO CORPORATION MODELS N615C, L & W CHASSIS 6N05

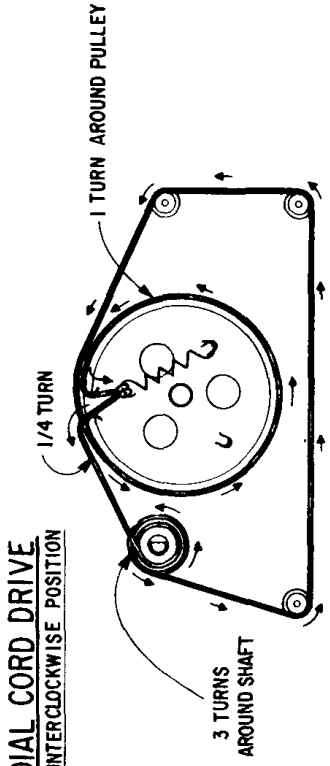



NOTES:
ALL VOLTAGES MEASURED FROM CHASSIS TO POINTS INDICATED WITH A V.T.V.M.
ALL VOLTAGES ARE D.C. UNLESS OTHERWISE SPECIFIED.
ALL RESISTORS ARE 20% TOLERANCE, 1/2 WATT CARBON UNLESS OTHERWISE SPECIFIED.
ALL CAPACITOR VALUES IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
USE ONLY ZENITH NON-INDUCTIVE ELECTROLYTIC CONDENSERS FOR REPLACEMENT.
IF ANY OTHER TYPE OF ELECTROLYTIC IS USED, IT WILL BE NECESSARY TO ADD C8 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 OC TO 1620 KC.
ARROWS ON CONTROLS INDICATE CLOCKWISE ROTATION.
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 | L4, L5, L6, L7 | For I.F. Alignment. |
| 2 | One Turn Loop Coupled Loosely to Wave Magnet | — | 1600 Kc. | 1600 Kc. | C1F | Set Oscillator to Dial Scale |
| 3 | | — | 1400 Kc. | 1400 Kc. | C1D, C1B | Align Detector and Antenna Stage |