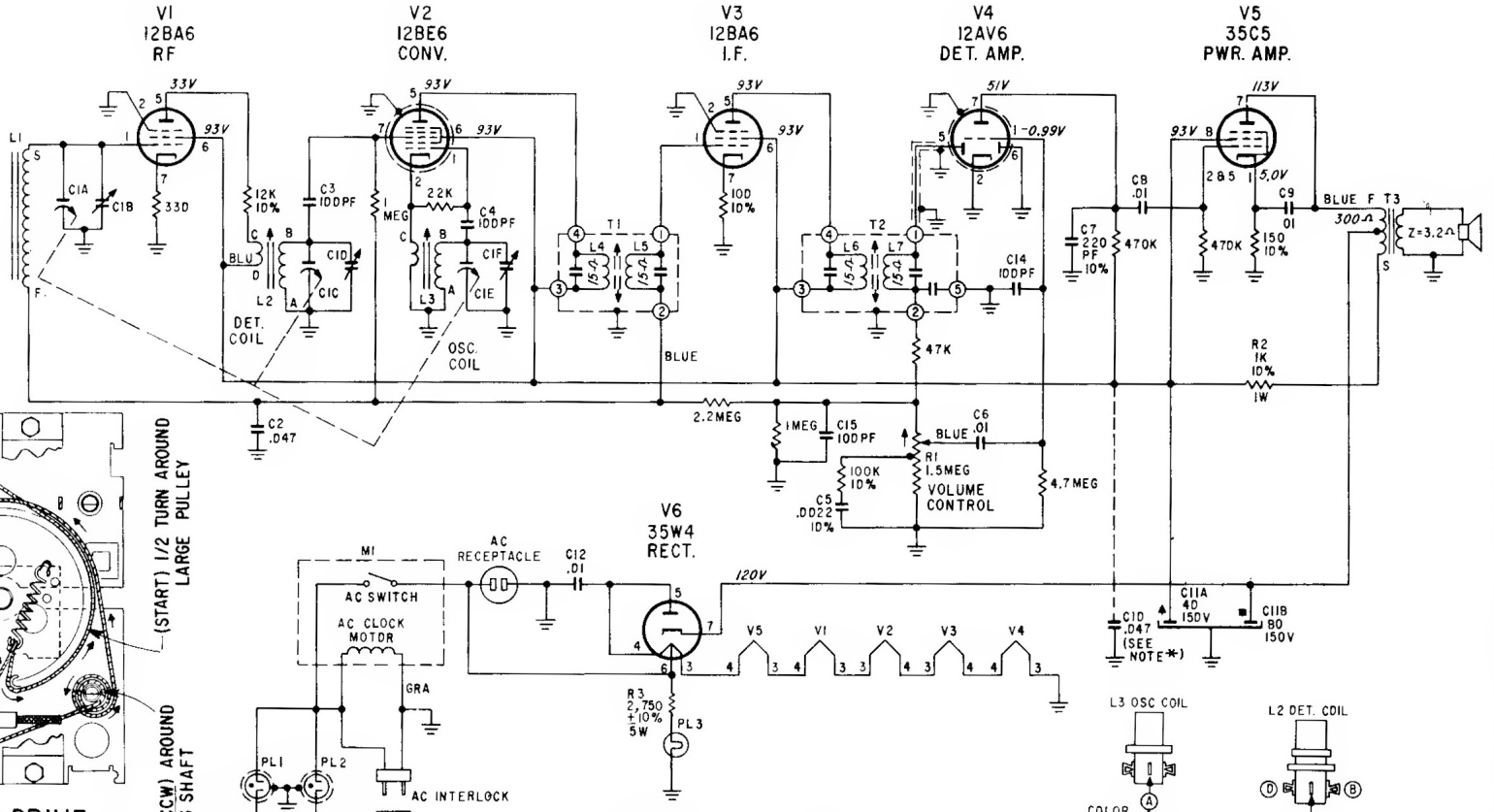
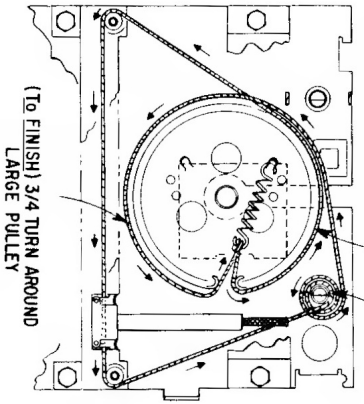
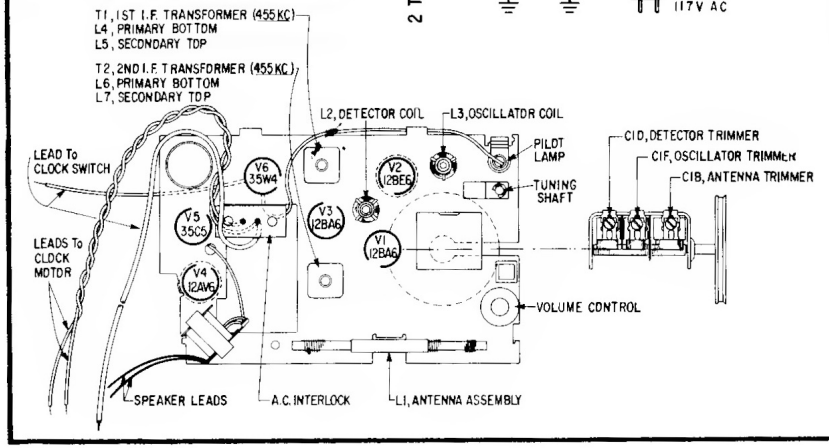
ZENITH RADIO CORPORATION MODELS N624A, H & J CHASSIS 6N03





DIAL CORD DRIVE
IN COUNTERCLOCKWISE POSITION

NOTES:
ALL VOLTAGES ARE D.C. UNLESS OTHERWISE SPECIFIED.
ALL RESISTORS ARE ±20% TOLERANCE, 1/2 WATT, CARBON UNLESS OTHERWISE SPECIFIED.
ALL CAPACITOR VALUES ARE IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
* USE ONLY ZENITH NON-INDUCTIVE ELECTROLYTICS FOR REPLACEMENT IF ANY OTHER TYPE OF ELECTROLYTIC IS USED IT WILL BE NECESSARY TO ADD C10 SHOWN BY DOTTED LINE.
I.F. TRANSFORMER NUMBERING STARTS WITH NO. 1 TERMINAL AS FIRST TERMINAL CLOCKWISE FROM MARKER CODE TERMINAL AS VIEWED FROM BOTTOM OF CHASSIS.
I.F. FREQUENCY: 455 KC TUNING RANGE: 535KC TO 1620KC
ARROWS ON CONTROLS DENOTES CLOCKWISE ROTATION.
ALL VOLTAGES MEASURED FROM CHASSIS TO POINTS INDICATED WITH A VACUUM TUBE VOLTMETER, HAVING 11 MEGOHMS INPUT RESISTANCE.
⏚ DENOTES CHASSIS GROUND



ALIGNMENT PROCEDURE

Operation	Connect Oscillator To	Dummy Antenna	Input Sig. Frequency	Set Diol 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 Diol Scale
3		–	1400 Kc.	1400 Kc.	C1D, C1B	Align RF and Antenna Stage