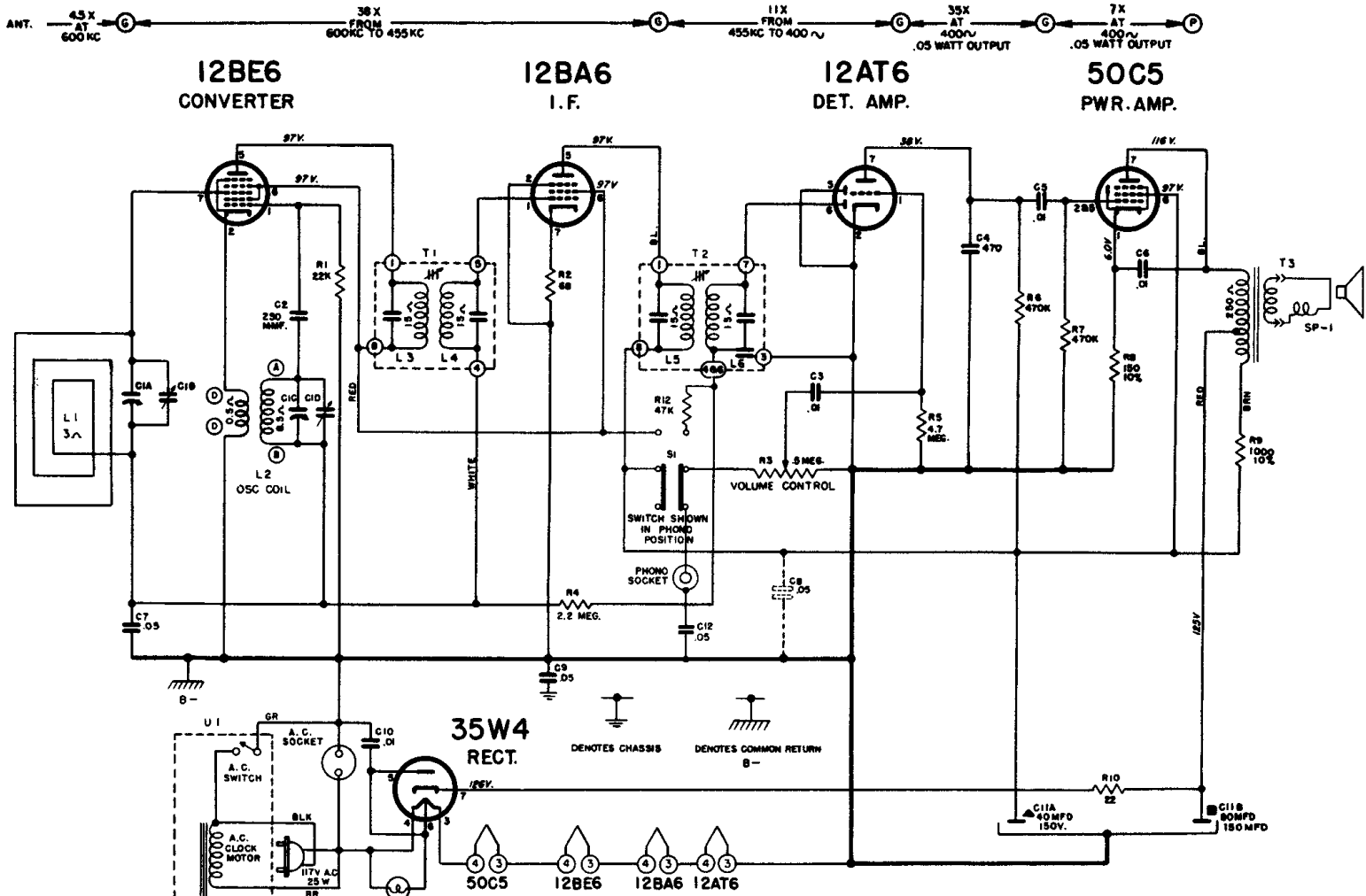


# ZENITH RADIO CORPORATION

## MODELS T521F, G, R, W & Y CHASSIS 5T03



### 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	—	1600 Kc.	1600 Kc.	C1D	Set Oscillator to Dial Scale
3	Loosely to Wave Magnet	—	1400 Kc.	1400 Kc.	C1B	Align Antenna Stage

2/3 TURNS AROUND LARGE PULLEY

2 1/2 TURNS AROUND SHAFT

DIAL CORD DRIVE

#### NOTES:

ALL VOLTAGES MEASURED FROM COMMON RETURN TO POINTS INDICATED WITH AN A.C., D.C. OR VACUUM TUBE VOLTMETER.  
 ALL VOLTAGES ARE D.C. UNLESS OTHERWISE SPECIFIED.  
 ALL RESISTORS ± 20% TOLERANCE 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 C6 SHOWN IN DOTTED LINES.  
 I.F. TRANSFORMER NUMBERING STARTS WITH #1 TERMINAL, AS FIRST TERMINAL CLOCKWISE AND ADJACENT TO MARKER AG VIEWED FROM BOTTOM OF CHASSIS.

I.F. FREQUENCY 455 KC.  
 TUNING RANGE  
 1600-1650 KC.

