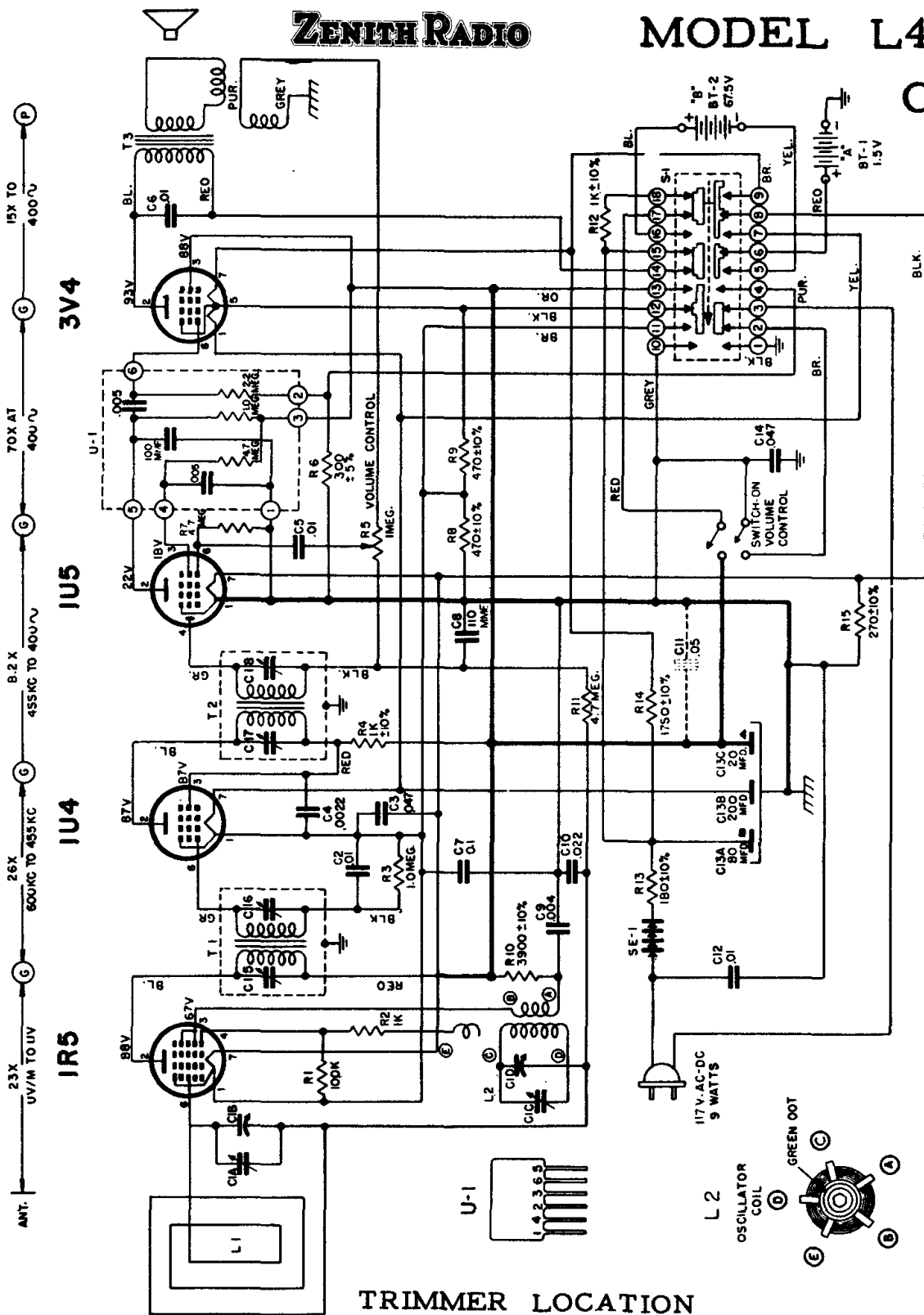


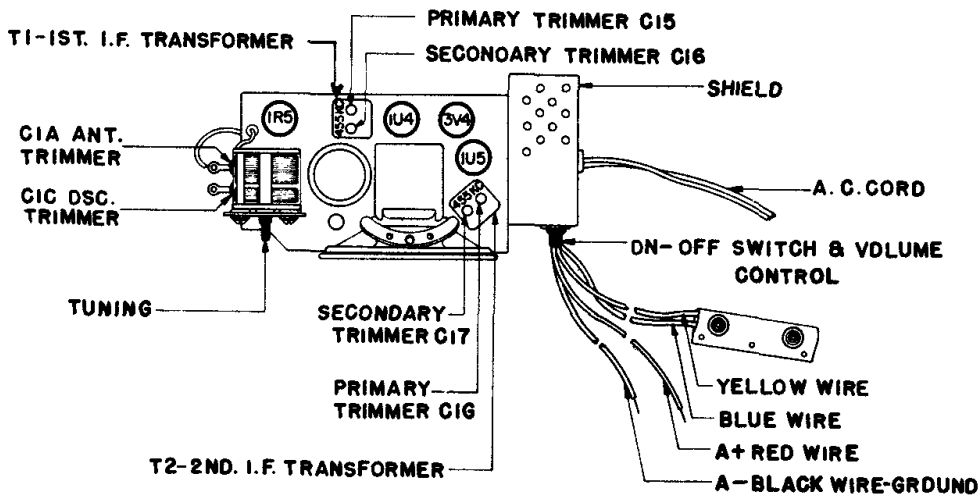
ZENITH RADIO

MODEL L403Y, R, G, F
CHASSIS 4L41CHANGE OVER SWITCH S-1 SHOWN IN
POSITION FOR A. C. - D. C. OPERATION.

DENOTES
COMMON
RETURN B-
 DENOTES
CHASSIS

NOTE:
 USE ONLY ZENITH NON-INDUCTIVE ELECTROLYTIC CONDENSER FOR REPLACEMENT.
 IF ANY OTHER TYPE OF ELECTROLYTIC IS USED IT WILL BE NECESSARY TO ADD PARTS
 SHOWN IN DOTTED LINES
 ALL VOLTAGES ARE MEASURED FROM COMMON RETURN TO POINTS INDICATED WITH A
 O. C. VACUUM TUBE VOLTMETER
 ALL RESISTORS ARE $\pm 20\%$ TOLERANCE UNLESS OTHERWISE SPECIFIED.
 I. F. FREQUENCY 455 KC TUNING RANGE 535 - 1620 KC. STANDARD B. C.

TRIMMER LOCATION



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.	C15, 16, 17, 18	For I.F. Alignment
2	Single Turn Loosely Coupled to Wavemagnet	----	1600 Kc.	1600 Kc.	C1C	Set Oscillator to Dial Scale
3		----	1400 Kc.	1400 Kc.	C1A	Antenna Alignment