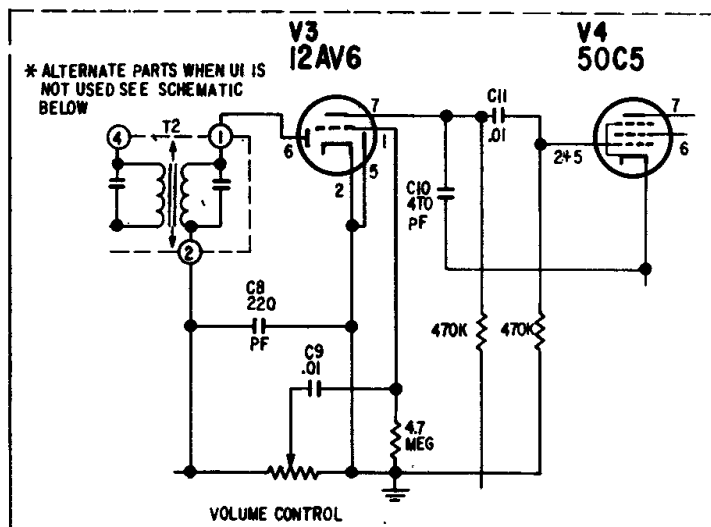
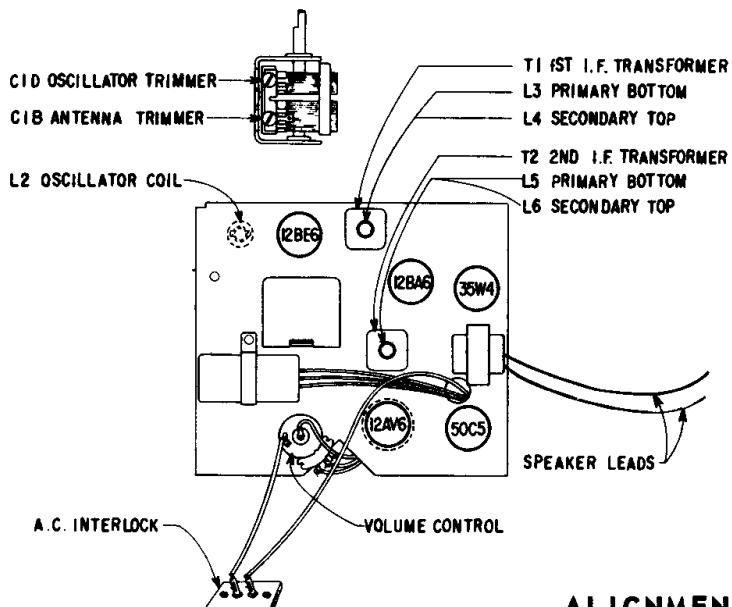


I.F. TRANSFORMERS:

The I.F. transformers incorporated in this receiver are of the new permeability tuned type. The advantage of this type is its extreme stability under various humidity and temperature conditions. The upper coil is the secondary and the lower the primary. When adjusting these I.F. transformers, the tuning wrench 68-26 can be inserted into the top slug, rotated until maximum output is obtained and then dropped down to the lower slug and the same operation repeated. The tuning wrench is so designed that turning one slug does not affect the adjustment of the other.

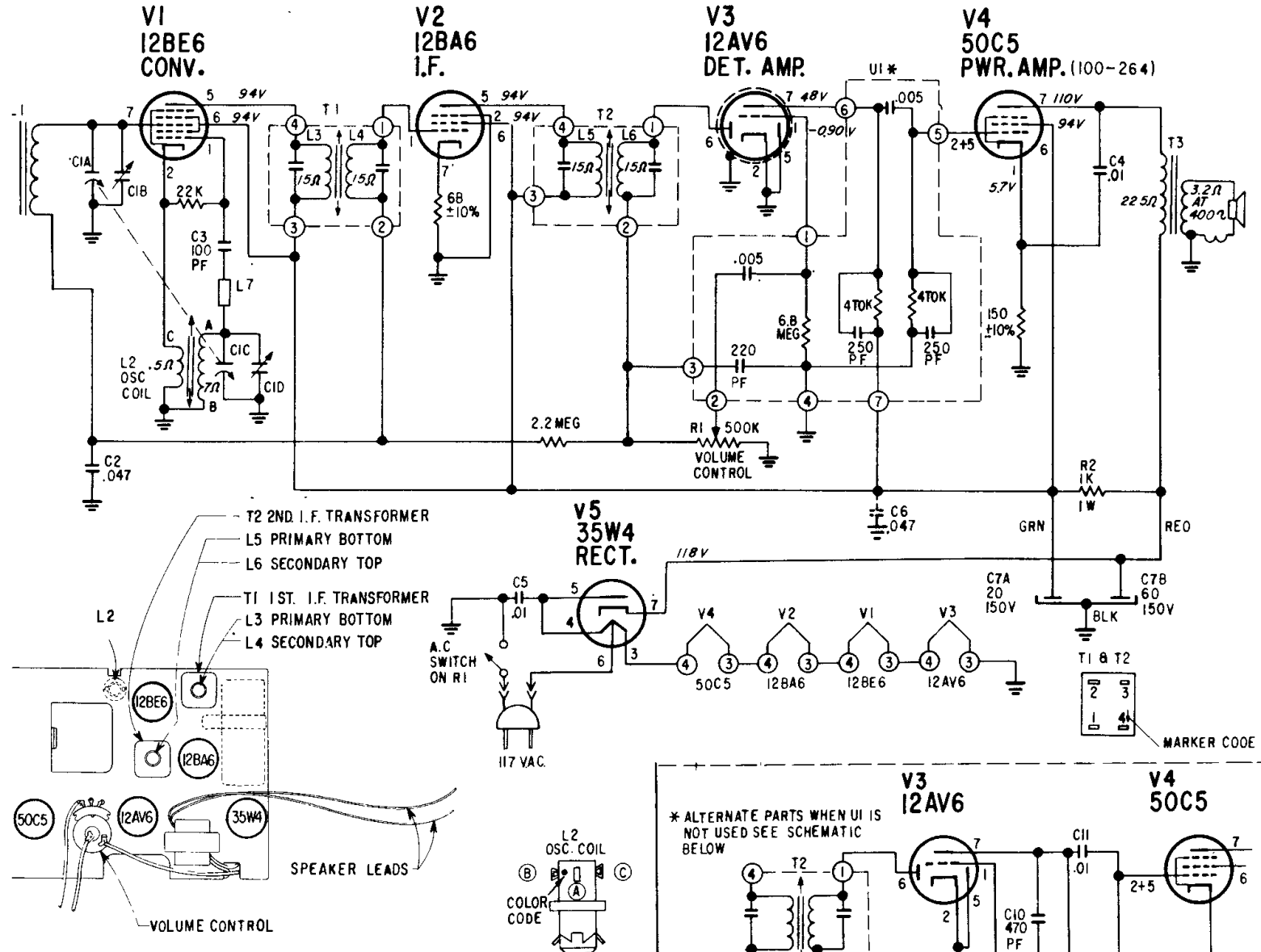


ALIGNMENT PROCEDURE

| 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 | Align I.F. for max. output. |
| 2 | One Turn Loop Coupled Loosely to Wave magnet | — | 1600 Kc. | 1600 Kc. | C1D | Set Osc. to Dial Scale. |
| 3 | | — | 1400 Kc. | 1400 Kc. | C1B | Align Antenna Stage. |

ZENITH RADIO MODELS M504C, L & W USING CHASSIS 5M04, MODELS M506C, P & W USING CHASSIS 5M02 AND MODELS M508B, C, L & W USING CHASSIS 5M05

ANT. 4.5X AT 600KC → 38X FROM 600 TO 455KC → 11X FROM 455KC TO 400~ → 35X AT .05 WATT OUTPUT → 7X AT 400~ .05 WATT OUTPUT



ALIGNMENT PROCEDURE

| OPER. | CONNECT OSCILLATOR TO | DUMMY ANT. | INPUT SIG. FREQUENCY | SET DIAL AT | TRIMMERS | PURPOSE |
|-------|--------------------------------|------------|----------------------|-------------|-------------|-----------------------------|
| 1 | Converter Grid | .5 Mfd. | 455 Kc. | 60D Kc. | L3,L4,L5,L6 | Align I.F. for max. output. |
| 2 | One Turn Loop | — | 1600 Kc. | 1600 Kc. | C1D | Set Osc. to Dial Scale. |
| 3 | Coupled Loosely to Wave magnet | — | 1400 Kc. | 1400 Kc. | C1B | Align Antenna Stage |

ON UI SECTION
LEADS LINE UP
ACCORDING TO THE
PART NO AS SHOWN

