

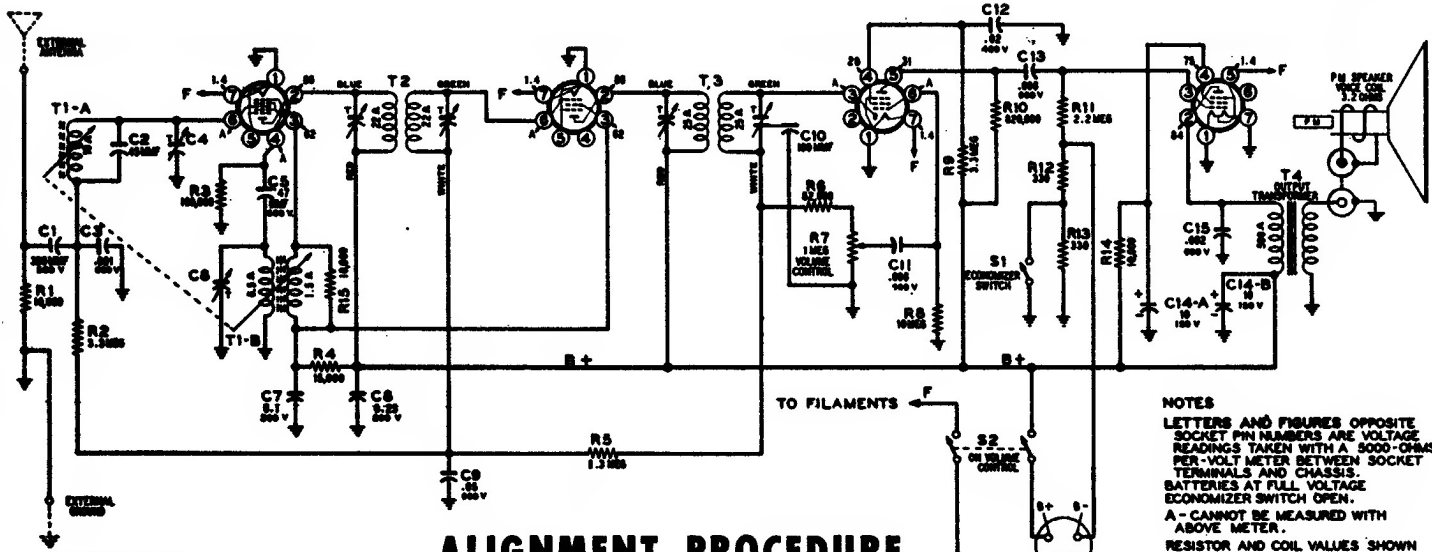
WESTERN AUTO SUPPLY
MODEL D2665
Factory Model 4B114 - Series A

1R5
CONVERTER

1T4
I. F. AMP

1S5
2ND DET., A.V.C.
& 1ST AUDIO

3S4
OUTPUT



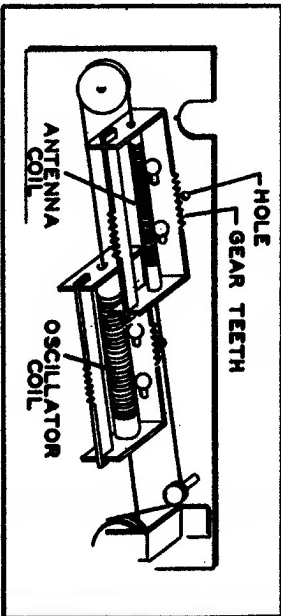
NOTES
 LETTERS AND FIGURES OPPOSITE SOCKET PIN NUMBERS ARE VOLTAGE READINGS TAKEN WITH A 3000-OHMS PER-VOLT METER BETWEEN SOCKET TERMINALS AND CHASSIS. BATTERIES AT FULL VOLTAGE ECONOMIZER SWITCH OPEN. A - CANNOT BE MEASURED WITH ABOVE METER. RESISTOR AND COIL VALUES SHOWN IN OHMS. CAPACITOR VALUES SHOWN IN MFD UNLESS OTHERWISE INDICATED.

ALIGNMENT PROCEDURE

- Output meter across 3.2-ohm output load.
- Align for maximum output. Reduce input as needed to keep output near 0.4 volts.
- Connect ground post of signal generator to radio chassis.

SIGNAL GENERATOR			Tuner Setting	Adjust for Maximum Output (in order shown)
Frequency	Coupling Capacitor	Connection to Radio		
455 kc	.1 mf	Grid (pin 6) of 1R5	Iron cores all the way out	Trimmers on output and input I.F. cans
1700 kc	.1 mf	Grid (pin 6) of 1R5	Iron cores all the way out	Oscillator trimmer C6
1700 kc	200 mmf	Antenna lead	Iron cores all the way out	Antenna trimmer C4
1400 kc	200 mmf	Antenna lead	Turn dial to 1400 kc	Adjust position of ant. coil (see coil view)*

*This adjustment and the previous adjustment are interlocking; therefore repeat the two adjustments alternately for best results.



The antenna coil assembly is movable left or right. When making the adjustment as required in the alignment procedure, move the coil assembly very slowly, either by hand or by pivoting one edge of a screwdriver blade in the hole and engaging the blade in the gear teeth of the coil form.