WESTERN AUTO SUPPLY COMPANY

MODELS D-2108, D-2109

(FACTORY MODEL 237) **TRUETONE RADIO RECEIVER**

ALIGNMENT PROCEDURE

Output meter connection ..... Across 3.2 ohm speaker voice voil

Output meter reading to indicate 0.05 watt across speaker voice coil ..... 0.4 volt

Generator Modulation ..... 30%, 400 cycles

Position of volume control ..... maximum (fully clockwise)

Position of pointer with Rotor full open (Plates out of mesh) ..... slightly beneath the 1620 kc calibration mark on the dial (pointer horizontal to light)

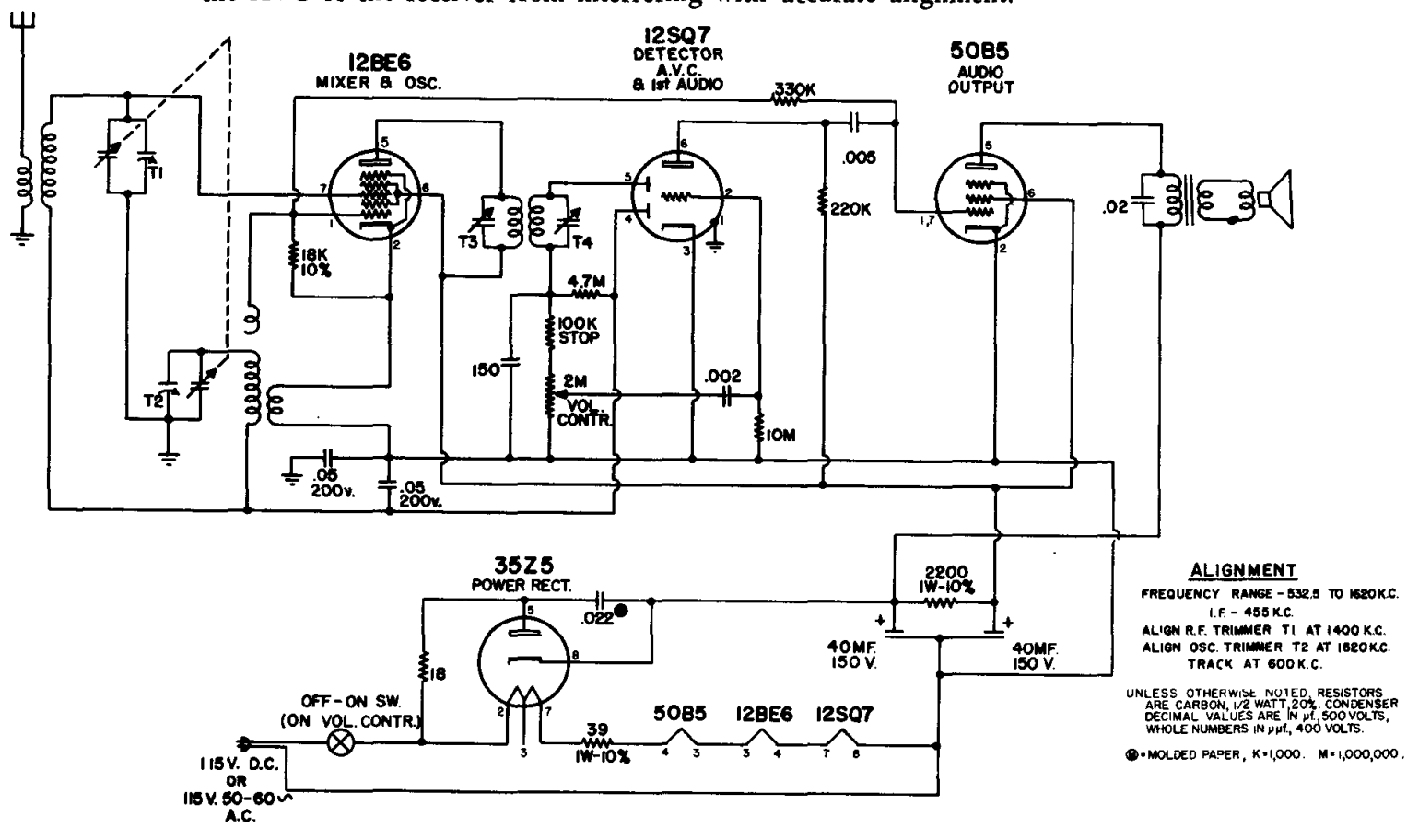
	Position of Variable	SIGNAL GENERATOR				Trimmer Adjustments (In order shown)
		Frequency	Dummy Antenna	Connection to Receiver	Ground Connection	
IF	Rotor Full Open (Plates out of mesh)	455 kc.	.1 mfd	Grid of 12BE6 (Pin 7)	B-	Input and Output Trimmers on I.F Can T3 and T4
RF	Rotor Full Open (Plates out of mesh)	1620 kc.	75 mmf	Antenna Hank	Chassis	Oscillator Trimmer T2
	1400 kc.	1400 kc.	75 mmf	Antenna Hank	Chassis	Antenna Trimmer T1
	600 kc.	600	75 mmf	Antenna Hank	Chassis	(Check Point)*

**With a generator frequency of 600 Kc, tune the set to the point where maximum output is obtained, which should be approximately 600 Kc on the dial.*

Align for maximum output. Reduce input as needed to keep output near 0.4 volts.

The alignment procedure should be done in the order given for greatest accuracy.

Always keep the output from the generator at its lowest possible value to prevent the AVC of the receiver from interfering with accurate alignment.



ALIGNMENT

FREQUENCY RANGE - 532.5 TO 1620 K.C.
I.F. - 455 K.C.
ALIGN R.F. TRIMMER T1 AT 1400 K.C.
ALIGN OSC. TRIMMER T2 AT 1620 K.C.
TRACK AT 600 K.C.

UNLESS OTHERWISE NOTED, RESISTORS ARE CARBON, 1/2 WATT, 20%. CONDENSER DECIMAL VALUES ARE IN µf, 500 VOLTS, WHOLE NUMBERS IN µµf, 400 VOLTS.

@ = MOLDED PAPER, K = 1,000. M = 1,000,000.