

ALIGNMENT

PRELIMINARY:

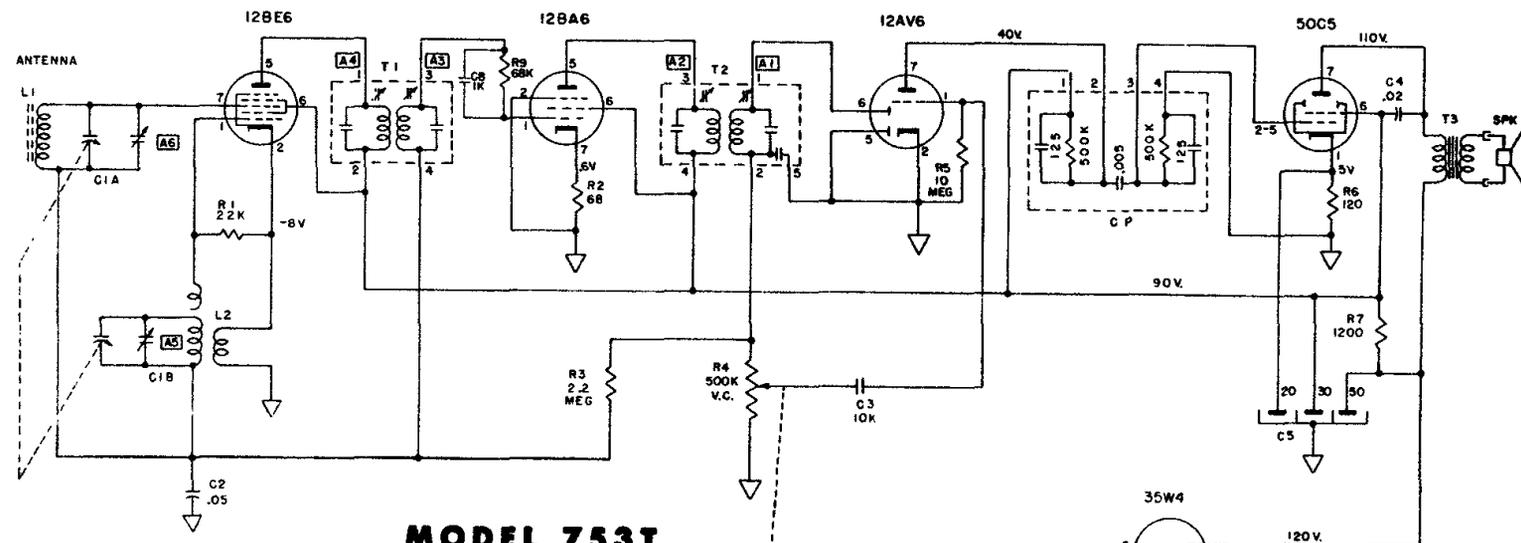
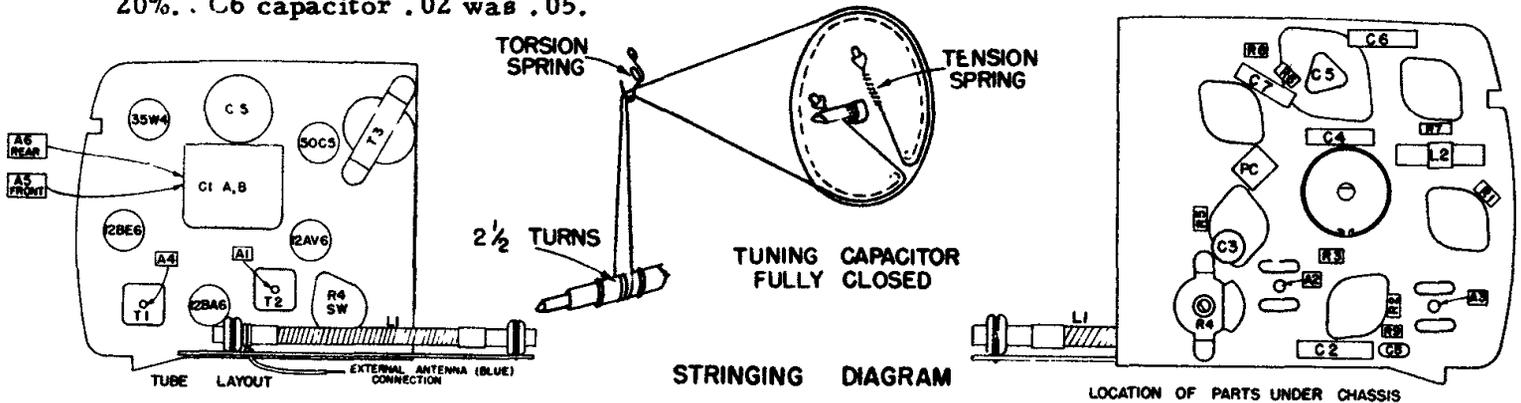
- Output meter connection Across speaker voice coil
- Output meter reading to indicate 500 milliwatts (standard output) 1.26 volts
- Connection of generator ground lead Floating ground
- Generator modulation 30% 400 cycles
- Position of volume control Fully clockwise

Position of Variable	Frequency of Generator	Dummy Antenna	Generator Output Connection	Trimmers Adjusted in Order Shown for Maximum Output	Function of Trimmer
Open	455	.05 mfd.	Pin 7 12BE6	A1, A2, A3, A4	I. F.
Open	1650		* Test Loop	A5	Oscillator
1400	1400		* Test Loop	A6	Antenna
600	600		* Test Loop	Check Point	

* Standard Hazeltine Test Loop Model 1150 or 3 turns of wire about 6" in diameter placed about one foot from the set loop.

The alignment procedure should be repeated in the original order for greatest accuracy. Always keep the output from the signal generator at its lowest possible value to make the AVC action of the receiver ineffective.

Note: Some sets were built without C8 capacitor 1000uuf Disc. and R9 resistor 68K 1/2W 20%. C6 capacitor .02 was .05.



MODEL 753T

VOLTAGES MEASURED WITH VACUUM TUBE VOLTMETER TO B- WITH 117 VOLTS AC INPUT
 ↓ INDICATES B-
 ⊥ INDICATES GROUND TO CHASSIS
 ⊥ CURVED LINE INDICATES OUTSIDE FOIL

