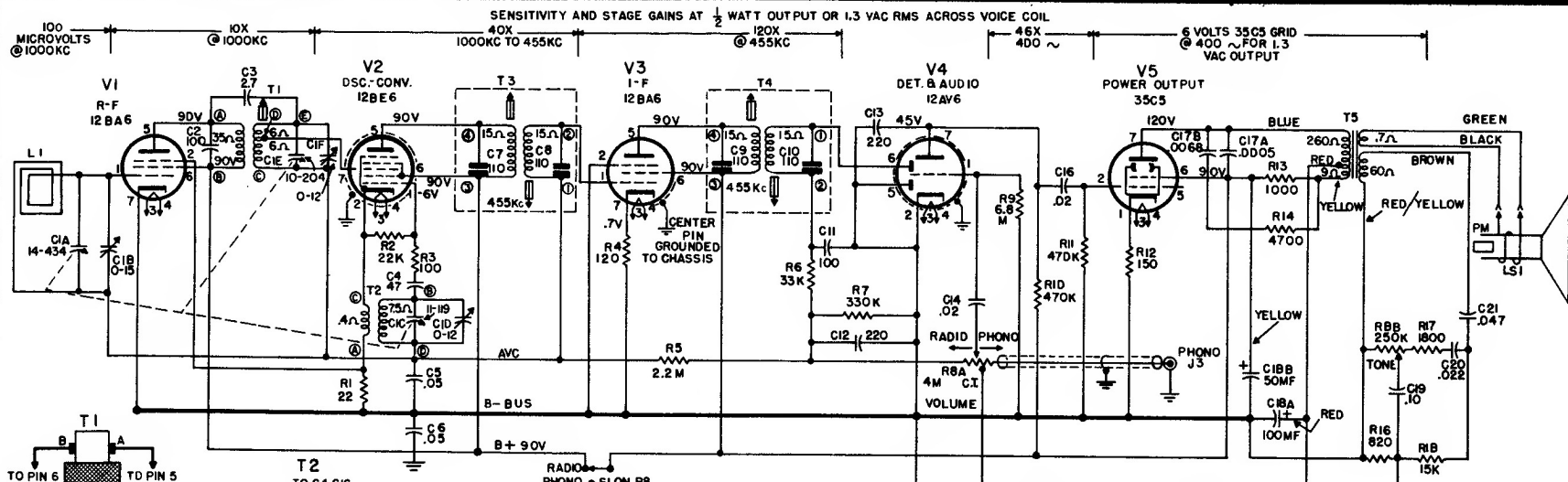
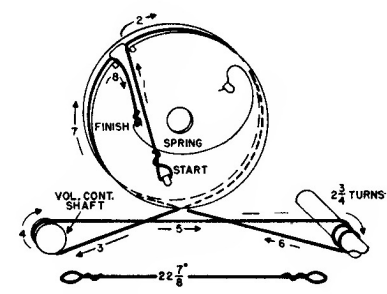
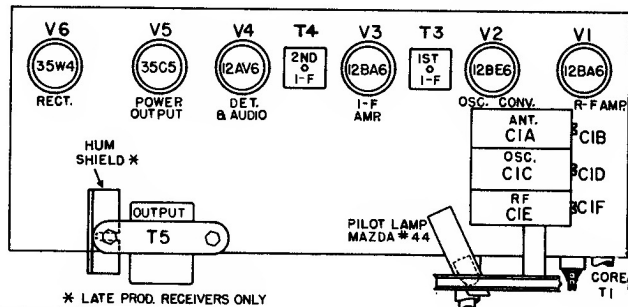
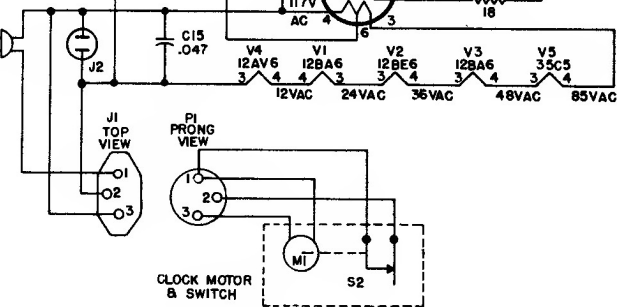
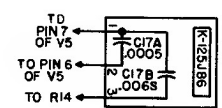


UNLESS OTHERWISE NOTED
 VOLTAGES MEASURED WITH 20,000 OHMS
 PER VOLT METER AT 117V.
 LINE- NO SIGNAL
 RESISTORS IN OHMS - K=1,000, M = 1,000,000
 CAPACITORS (LESS THAN ONE - MF
 MORE THAN ONE - MMF.

ALIGNMENT CHART

Step	Connect Test Oscillator To	Test Oscillator Setting	Receiver Tuning	Adjust for Maximum Output
1	12BA6, V3 grid (pin 1) in series with .05 mf.	455 KC	Minimum capacity	Cores of 2nd i-f transformer T4
2	12BE6, V2 grid (pin 7) in series with .05 mf.			Cores of 1st i-f transformer, T3
3				Recheck adjustment of T4 and T3
4		1620 KC	Minimum capacity	C1D, oscillator trimmer
5		1500 KC	For maximum	C1F, r-f trimmer
6	Inductively coupled to radio loop, L1		For maximum	C1B, antenna trimmer
7			For maximum. Rock-in with core of T1	Core of r-f transformer, T1. Rock-in with receiver tuning.
8	Repeat steps 4, 5, 6 and 7.	Approximately 600 KC		



GENERAL ELECTRIC

MODEL 590
 (540-1600 KC, 455 KC I-F)