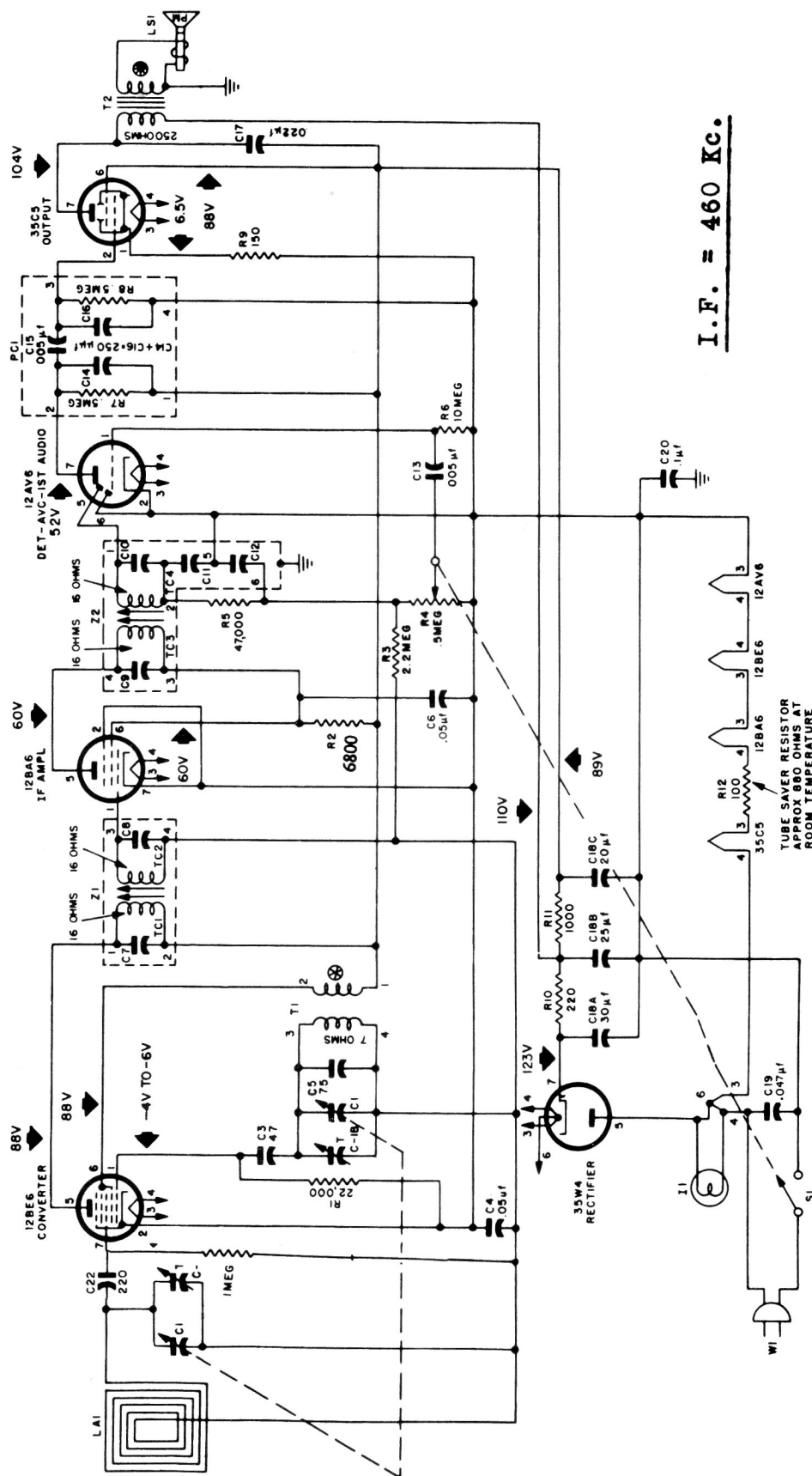
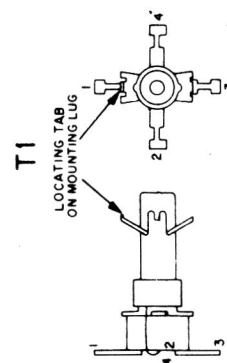
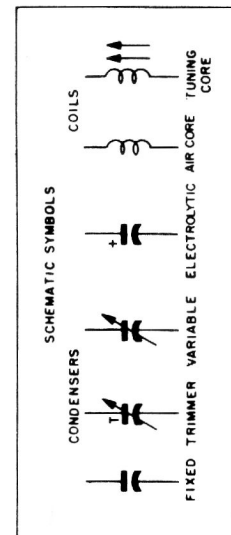




NOTES:
 ALL VOLTAGES MEASURED WITH A 20,000 OHMS-PER-VOLT
 VOLTMETER BETWEEN POINTS INDICATED AND B MINUS,
 AT A LINE VOLTAGE OF 117 V AC
 OSCILLATOR GRID VOLTAGE MEASURED ACROSS R₁ WITH A 100,000
 OHM ISOLATING RESISTOR IN SERIES WITH METER
 ALL RESISTOR VALUES ARE IN OHMS AND ALL CONDENSER
 VALUES IN μ F UNLESS OTHERWISE MARKED
 SWI SHOWN IN STANDARD BROADCAST POSITION
 Ⓢ LESS THAN 1 OHM



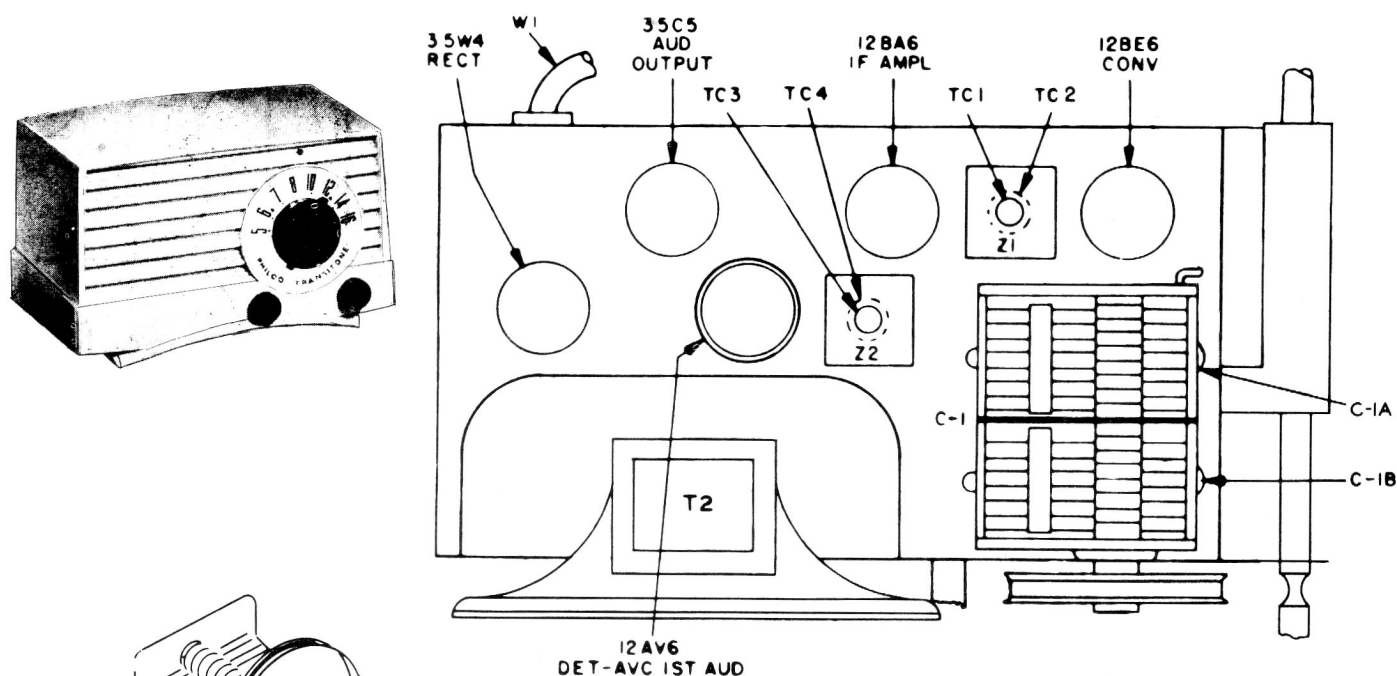
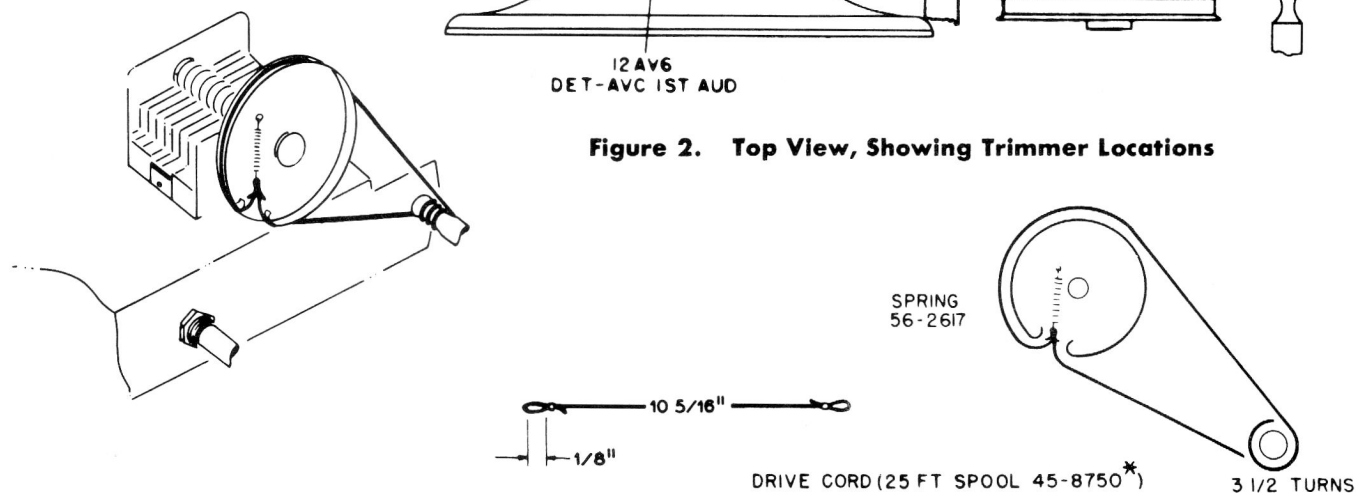


Figure 2. Top View, Showing Trimmer Locations



ALIGNMENT CHART

STEP	SIGNAL GENERATOR		RADIO			ADJUST
	CONNECTION TO RADIO	DIAL SETTING	DIAL SETTING	BAND SWITCH SETTING	SPECIAL INSTRUCTIONS	
1	Ground lead to B-; output lead through a .1- μ f. condenser to grid (pin 7) of 12BE6.	160 kc.	Tuning gang fully open.	Broadcast	Adjust tuning cores, in order given, for maximum output. (TC1 and TC3 are located at top of transformers).	TC4—2nd i-f sec. TC3—2nd i-f pri. TC2—1st i-f sec. TC1—1st i-f pri.
2	Radiating loop (see NOTE below).	1620 kc.	*1620 kc.	Broadcast	Adjust trimmer for maximum output.	C1-B osc.
3	Same as step 2.	1500 kc.	1500 kc.	Broadcast	Adjust trimmer for maximum output.	C1-A aerial (broadcast).

NOTE: Make up a 6-8 turn, 6-inch-diameter loop from insulated wire; connect to signal-generator leads and place near radio loop.

* For proper adjustment of the oscillator trimmer, fully open the tuning gang and insert a .006-inch nonmetallic shim between the heel of the rotor and the top of the stator plates. Close the tuning gang sufficiently to hold the shim in place, and then remove the shim without disturbing the gang setting.