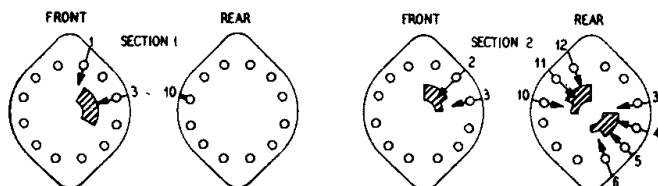
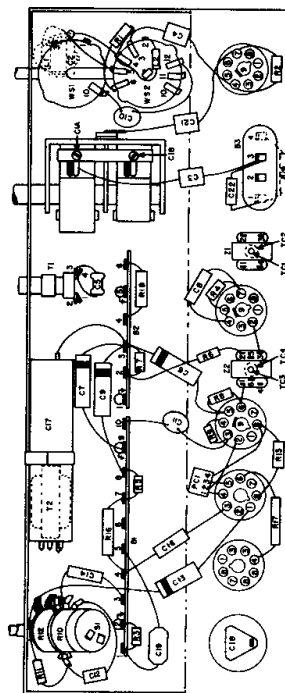
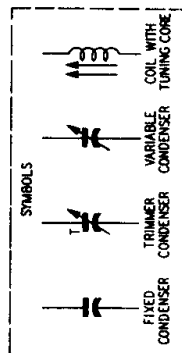


PHILCO RADIO-PHONOGRAPH MODEL 53-1350



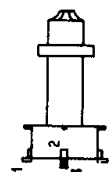
SWITCH SHOWN IN BROADCAST POSITION



STEP	SIGNAL GENERATOR		RADIO	
	CONNECTION TO RADIO	DIAL SETTING	SPECIAL INSTRUCTIONS	ADJUST TRIMMER
1	Output lead through a .01-μf condenser to grid (pin 6) of 7AB converter tube.	485 kc (modulated)	Adjust in order shown in list column for maximum output. TC2 and TC4 are located at top of transformer.	TC2 - 2nd i-f sec. TC3 - 1st i-f sec. TC1 - 1st i-f pri.
2	Radiating loop (see note 1 below)	1620 kc (see note 2 below)	Adjust for maximum output.	C1B - oscillator trimmer
3	Same as step 2	1500 kc	Adjust for maximum output.	C1A - antenna trimmer (broadcast)
4	Same as step 2	3200 kc	Adjust for maximum output.	C2 - antenna trimmer (special service)

NOTE 1: Make up a 6-8 turn, 6-inch diameter loop from insulated wire, connect to signal-generator leads, and place near radio loop.
NOTE 2: The tuning gang can be set to 1620 kc. by placing a piece of 5-mil flat shim stock between the head of the rotor and the top of the rotor plates and moving the rotor until it holds this shim in place. Remove the shim before proceeding with the alignment.

ALL RESISTOR VALUES IN OHMS UNLESS OTHERWISE SPECIFIED.
ALL CAPACITOR VALUES IN μUF UNLESS OTHERWISE SPECIFIED.
⊙ LESS THAN 1 OHM.
ALL VOLTAGES MEASURED BETWEEN POINT INDICATED AND B+.



T1

NOTE: GROUND POINT "C" TO CHASSIS FOR LOOP OPERATION

