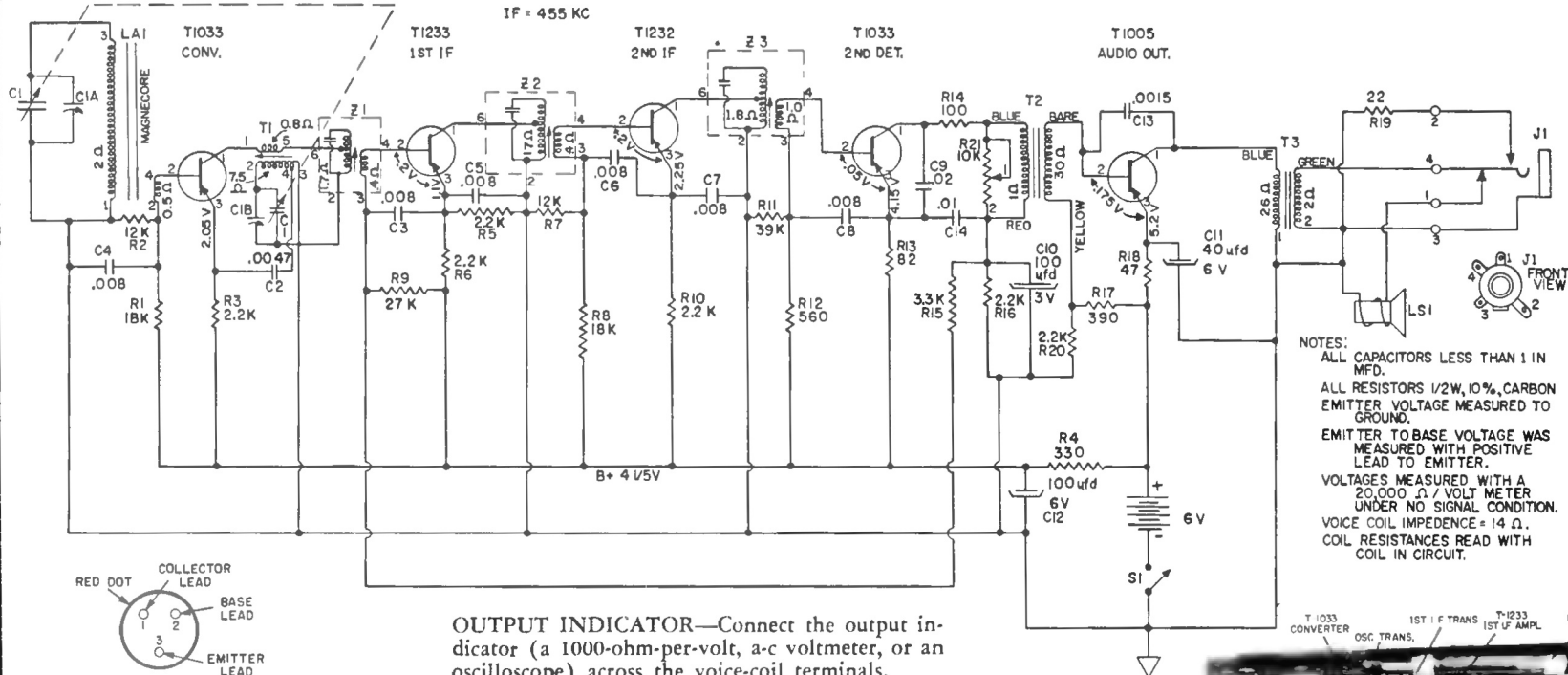


PHILCO TRANSISTOR RADIO **MODEL T-500 — CODE 124**

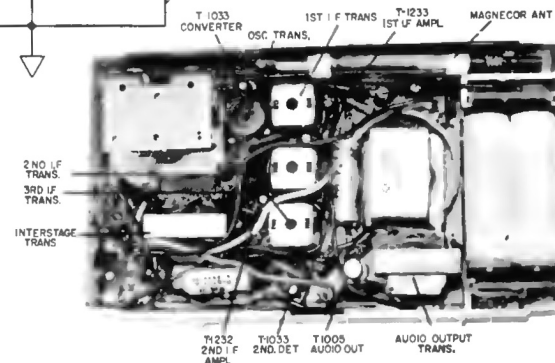


OUTPUT INDICATOR—Connect the output indicator (a 1000-ohm-per-volt, a-c voltmeter, or an oscilloscope) across the voice-coil terminals.

ALIGNMENT CHART

STEP	SIGNAL GENERATOR	RADIO			ADJUST
	CONNECTION TO RADIO	DIAL SETTING	DIAL SETTING	SPECIAL INSTRUCTIONS	
1	Panel must be removed from cabinet. Connect signal generator through a .1 uf condenser to antenna section of gang. Use the least generator signal necessary to give an output indication.	455 KC	Tuning gang fully open.	Adjust for maximum output in order given.	Z3—3rd IF Z2—2nd IF Z1—1st IF
2	Use radiating loop (See note 1 below).	1620 KC	1620 KC (gang fully open)	Pre-set C2A (Ant.) 1/2 turn from tight. Adjust for maximum output.	C1B—osc. trimmer
3	Same as step 2.	1400 KC	1400 KC	Adjust for maximum output.	C1A—ant. trimmer
4	Same as step 2. Panel MUST be re-mounted in cabinet.	600 KC	600 KC	Adjust for maximum output. Rock tuning gang while making this adjustment.	T1—osc. core
5	Repeat steps 2, 3 and 4 until no further improvement is obtained. Always stop on step 2.				

NOTE 1. Use a 6-to-8 turn, 6-inch diameter loop made up of insulated wire. Connect to generator terminals, and place about one foot from radio loop.



TERMINAL LUG IDENTIFICATION

- L1 Orange jumper to L4, 5 volt B+.
- L2 Yellow lead to T2.
- L3 To short antenna lead no. 4.
- L4 Orange jumper to L1, 4.5 volt B+.
- L5 Black jumper to ground lug L10.
- L6 Black lead to positive battery terminal (6 volts).
- L7 Green lead to arm of R21.
- L8 Orange lead to end (No. 2) of R21.
- L9 Blue lead of T3.