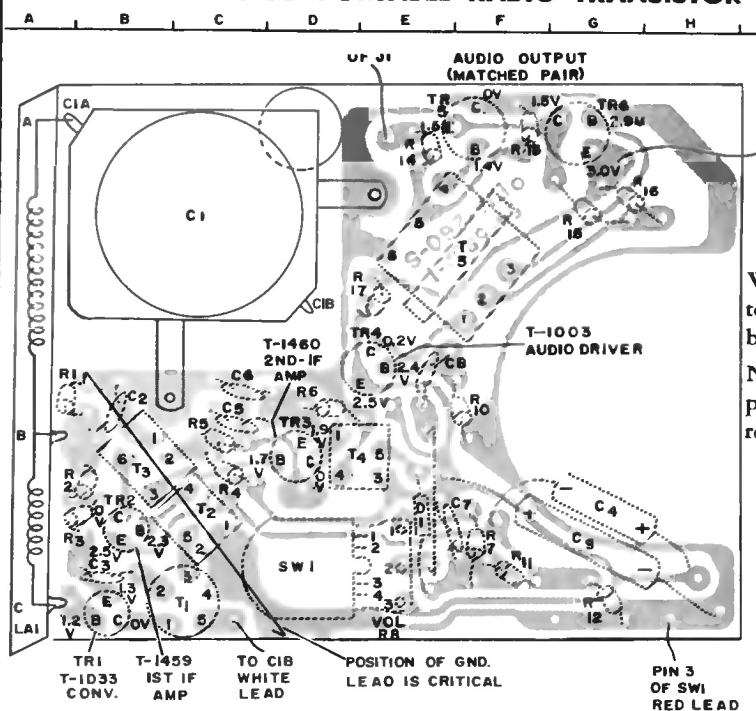
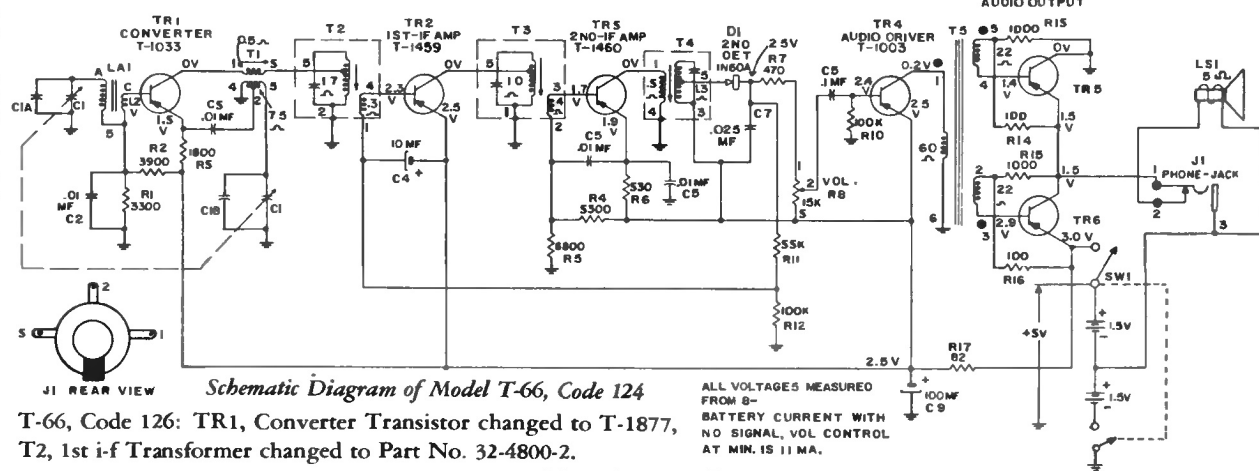


# PHILCO PORTABLE RADIO TRANSISTOR MODEL T-66, CODE 124



Composite Bottom View



Schematic Diagram of Model T-66, Code 124

T-66, Code 126: TR1, Converter Transistor changed to T-1877, T2, 1st i-f Transformer changed to Part No. 32-4800-2.

## ALIGNMENT CHART

| STEP | SIGNAL GENERATOR                                                                         |              | RADIO                             |                                                                           | ADJUST                                 |
|------|------------------------------------------------------------------------------------------|--------------|-----------------------------------|---------------------------------------------------------------------------|----------------------------------------|
|      | CONNECTION TO RADIO                                                                      | DIAL SETTING | DIAL SETTING                      | SPECIAL INSTRUCTIONS                                                      |                                        |
| 1    | Connect signal generator through a .1-uf. condenser to ant. section of gang.             | 455 kc.      | Tuning gang fully open.           | Adjust for maximum output in order given.                                 | T4—3rd I-F<br>T3—2nd I-F<br>T2—1st I-F |
| 2    | Use radiating loop. (See NOTE 1 below)                                                   | 600 kc.      | 600 kc.                           | Adjust for maximum output. Rock tuning gang while making this adjustment. | T1—osc. core                           |
| 3    | Same as step 2.                                                                          | 1620 kc.     | 1620 kc. (Tuning gang fully open) | Adjust for maximum output.                                                | C1B—osc. trimmer                       |
| 4    | Same as step 2.                                                                          | 1400 kc.     | 1400 kc.                          | Adjust for maximum output.                                                | C1A—antenna trimmer                    |
| 5    | Repeat steps 2, 3 and 4 until no further improvement is obtained. Always stop on step 4. |              |                                   |                                                                           |                                        |

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.