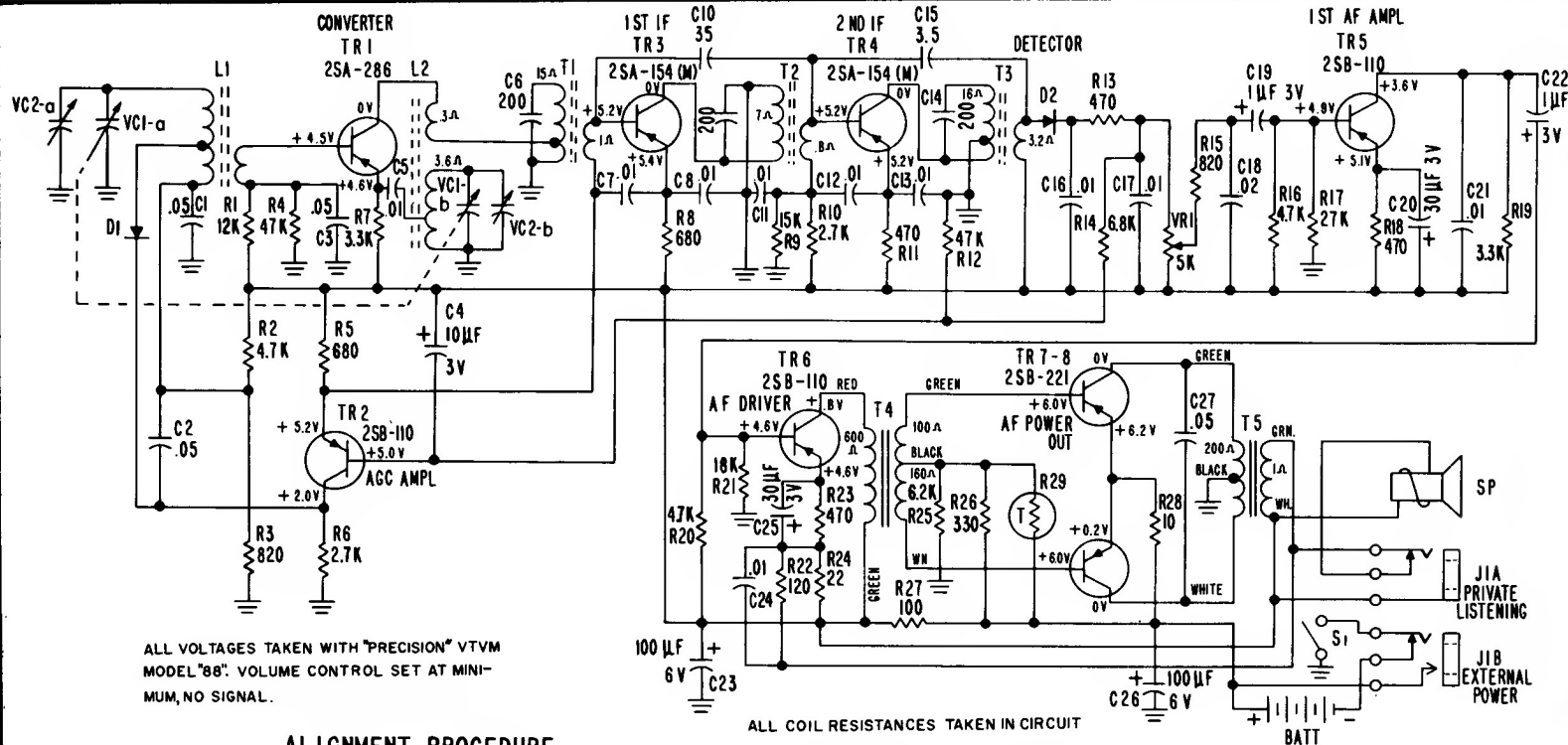


# PORTABLE TRANSISTOR RADIO — MODEL T-84

# PHILCO



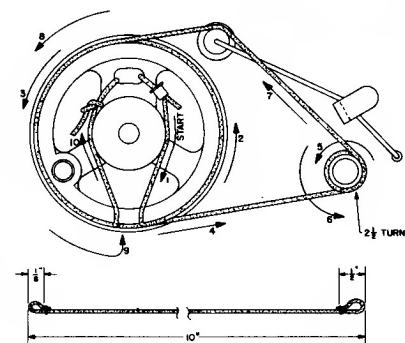
## ALIGNMENT PROCEDURE

Allow the test equipment at least fifteen (15) minutes to warm up before starting the alignment procedure. Connect an a-c VTVM or oscilloscope across the speaker voice coil. Use an AM-R-F signal generator connected to a test loop placed in close proximity to the receiver antenna. Keep generator output low enough to prevent A.V.C. overload. Set volume at maximum.

| STEP | SIGNAL GENERATOR SETTING    | DIAL INDICATOR SETTING  | ADJUST FOR MAX. OUTPUT      |
|------|-----------------------------|-------------------------|-----------------------------|
| 1    | 455KC                       | Quiet point near 1600KC | I-F transformers T3, T2, T1 |
| 2    | 1600KC                      | 1600KC                  | CV2-b (osc. trimmer)        |
| 3    | 1400KC                      | 1400KC                  | CV2-a (RF trimmer)          |
| 4    | 540KC                       | 540KC                   | L2 (osc. -slug)             |
| 5    | 600KC                       | 600KC                   | L1 (ant.)                   |
| 6    | Repeat steps 2, 3, 4 and 5. |                         |                             |

## PANEL REMOVAL -

The complete panel, tuning dial and knob assembly is removed by extracting three Phillips head screws located as follows: 1 - single screw on right end of panel (viewing from rear); 2 - screw holding metallic mounting assembly tab located between volume control knob and tuning dial; 3 - screw holding metallic mounting assembly tab located between tuning knob and case bottom. Note that it is advisable to slide the external power jack free of the cabinet to prevent strain on the connecting leads.



Dial Cord - Model T-84

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