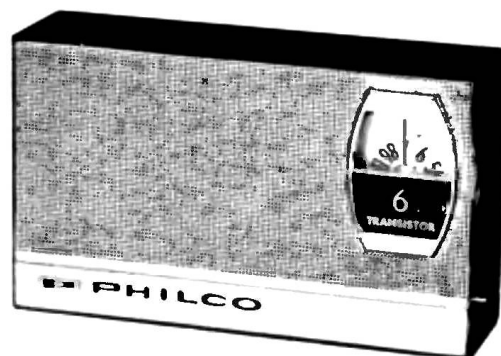
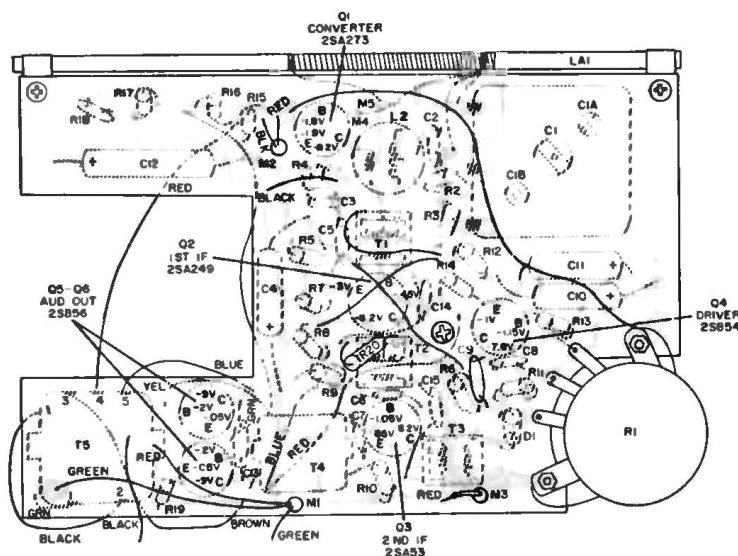
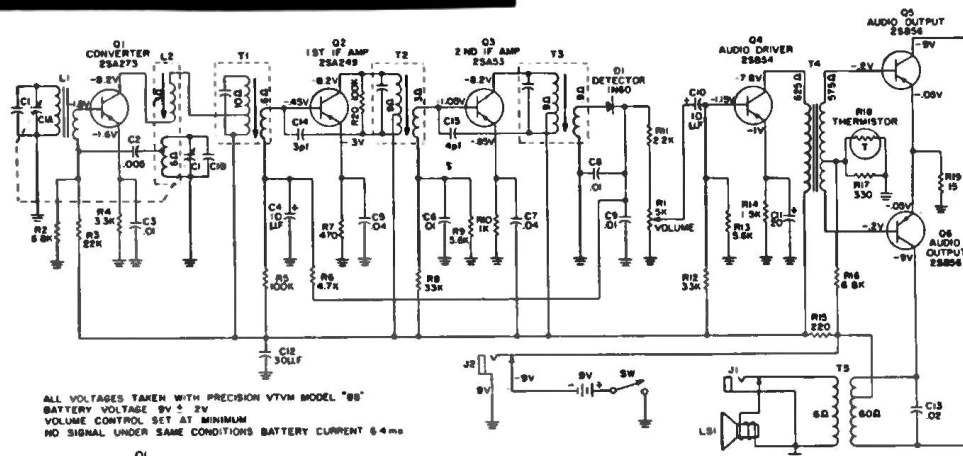


# PHILCO

## TRANSISTOR PORTABLE MODEL T-67



**PANEL REMOVAL** - To remove panel from cabinet, lift out jack assembly and remove screw in panel located at D5 (see graph). Panel may now be lifted out; speaker will remain in cabinet.

### Foil Side of Perma-Circuit Panel

**ALIGNMENT:** Allow the test equipment at least 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 as indicated in chart. Keep generator output low enough to prevent A.G.C. overload.

### ALIGNMENT CHART

SIGNAL GENERATOR			RADIO		
STEP	CONNECTION TO RADIO	DIAL SETTING	DIAL SETTING	SPECIAL INSTRUCTIONS	ADJUST
1	Use radiating loop (see note 1 below)	455KC	1600KC gang fully open	Adjust for maximum output in order given	T3-3rd I-F T2-2nd I-F T1-1st I-F
2	Same as Step 1	540KC	540KC	Adjust for maximum output. Adjust L1 by sliding coil on core and waxing into position of maximum output. Rock tuning gang while adjusting L2.	L2-osc. L1-ant. coil
3	Same as Step 1	1600KC	1600KC	Adjust for maximum output.	C1A-ant. trimmer
4	Same as Step 1	1400KC	1400KC	Adjust for maximum output.	C1B-osc. trimmer
5	Repeat last three steps.				

**NOTE 1:** Use a 6 to 8 turn, 6-inch diameter loop made up of insulated wire. Connect to generator terminals and loosely couple to radio antenna.