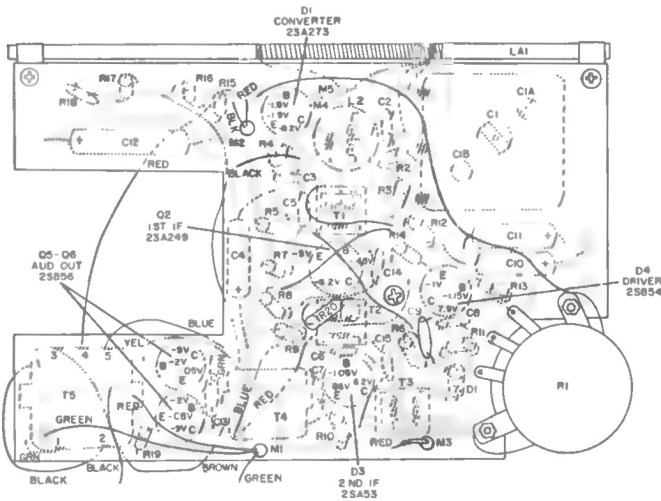
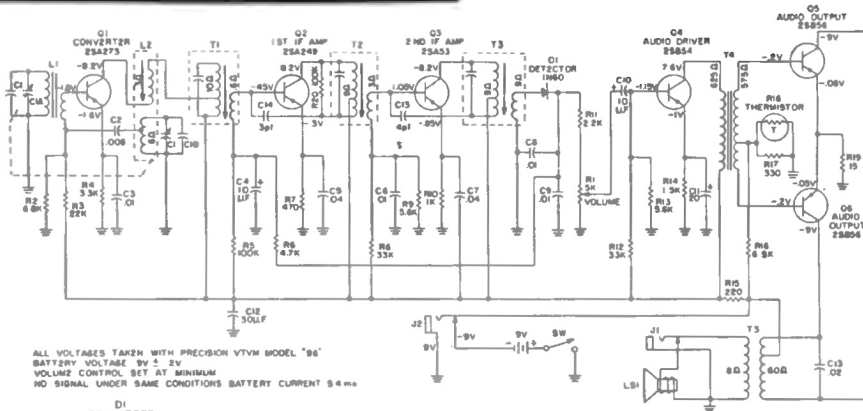


PHILCO

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 loose couple to radio antenna.