



Fig.5: Shows how the PCB with LEDs is mounted to the front panel using 19mm hex tapped spacers. The battery holder is fixed to the bottom of the case by two pieces of double-sized tape.

adhesive tape to stick the battery holder into the bottom of the case, with the cells aligned in a 'north-south' direction for easiest access. All that remains to be

done now is to screw the front panel into place and try out your tester on some LOPTs and their associated circuitry.

Finally, our sincere thanks to Larry

Sabo, Michael Caplan and Wayne Scicluna for their assistance in completing this project. We couldn't have done it without you!



Winding a Test Coil

In order for constructors to test the unit once assembled we have provided details and parts to construct a simple transformer coil which enables the circuit to ring all '8' LEDs.

Please refer to the following for coil details.

1. Using the balun core provided, wind around 45 turns (tightly wound) through the two centre holes as shown in the accompanied photo.
2. Once completed trim lead length to approximately 50mm and clean the enamel from each lead end so that a positive connection can be made.
3. Now test the coil, the unit should display and ring all '8' LEDs. By simply feeding through an additional winding and shorting the ends will reduce the rings to either 1 or 2 LEDs giving a good indication that the unit is working correctly.

Parts Supplied

- 1 x Balun core (R 5440)
- 1 x Enamel copper wire (30B&S or 0.25mm dia x 2 metres)

Assembly Notes



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