Tracing a fault on a dead radio with our Injector/Tracer.

You can see from this close-up (left) how important it is to keep leads short.

Fig. 2 (above) Component overlay. Keep all leads as short as possible. C2 is mounted between the PCB and SK1.

A small aluminium panel with the same dimensions as the PCB must be made up to slot into the front of the torch case and hold sub-miniature components SW1 and SK1. Our prototype unit also holds a miniature 2 mm socket, into which the metal probe (made from a short length of knitting needle) clips. The interwiring between the PCB and the panel controls must be undertaken with some care, as considerable dexterity is called for in wielding the soldering iron in the limited space of the component assembly area.

ED

Buylines

There should be no problems in finding the components for this project. Note, however, that SW1 and SK1 are sub-miniature components. The Ever Ready torch is available from most electrical shops.