



Uncontrolled Document
For Guidance Only
SERVICE SHEET
Number 1

Power Pack Faults : General

L. E. D. (Light) Problems

Fault 1 Inserting the Charger does not light the charging light.

Ensure the Charger is switched on and the Charging Light stays lit for at least 10 seconds. If it does not, then it is most likely that the Charger is faulty (See *Service Sheet No. 2* to test & repair the unit). If the fault recurs (See *Service Sheet No.3 Fault 2*), it is likely a short circuit or reverse connection of the leads has blown the circuit board. (See *Service Sheet No.7 fig.2* for the evidence that this has taken place)

If the Charging Light flickers, clean the contacts on the Charger & Socket.

Should this not cure the flickering, it may be that the *Power Pack* has received a knock and the LED has become disconnected from the circuit board. (See *Service Sheet No.3 Fault 1* to rectify this problem)

If electrical damage to the circuit board is suspected, (See *Service Sheet No. 3 Fault 2* to repair)

Fault 2 Operation of the Test button gives no charged lights.

It is possible that the battery may be too flat to power the lights. Check with a multi-meter. A reading of over 12v should be registered. If less than this, the Pack probably needs a very long charge.

If there is sufficient voltage, then it may be that the switch is faulty. (To prove this See *Service Sheet No. 3 Fault 3* and *Service Sheet No.4* for instruction on replacement of the switch)

Fault 3 Operation of the Test button gives no charge lights, but with the Charger connected, all the lights come on.

This is an indication that the battery is at zero volts. The Pack has been dropped or short circuited. The only remedy is to change the battery and rectify any faults on the circuit board. For evidence of such damage (See *Service Sheets 5 & 7*).

For Further Help & Assistance Contact
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