

3. MAINTENANCE

3.1. CHANGING THE LAMP BULB

1. Disconnect the battery pack from spotlight and wait until the unit is cool before attempting to open the back.
2. Undo the back cover (FIG 2. X) by turning anti-clockwise.
3. With a pair of long nose pliers, remove bulb holding clip.
4. Pull the bulb housing out and remove old bulb.
6. Hold the new bulb with a lint free cloth, (do not handle the bulb), and install. Reverse above procedure to re-assemble.


- 3.2. Keep the spotlight clean. Do not use abrasives or solvents.

CE Declaration of Conformity

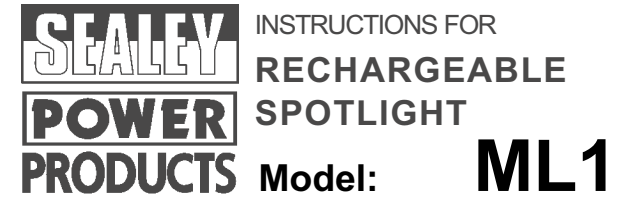
We, the sole importer into the UK, declare that the product listed here is in conformity with the following EEC standards and directives. The construction file for this product is held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.

Re-chargeable Spotlight
Model ML1
73/23/EEC Low Voltage Directive
89/336/EEC EMC Directive and
amendments.

Signed by Mark Sweetman

 12th June 2000

For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Products.



Thank you for purchasing a Sealey Product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.



IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

1.1. GENERAL

- 3 Ensure the spotlight is correctly charged before initial use.
- p **WARNING!** The lens becomes very hot during operation.
- 7 DO NOT cover or block the lens during use.
- 7 DO NOT shine directly into eyes.
- 7 DO NOT stand the spotlight near any surface or item that may be adversely effected by the heat generated from the lens.
- 7 DO NOT allow children to use the spotlight.
- 7 DO NOT use if the battery or the spotlight casing is damaged.
- 7 DO NOT handle lamp bulb with your fingers. Use a soft lint free cloth.
- 3 Only use the supplied battery and charger with this spotlight.
- 3 When not in use store the spotlight in a safe, dry, childproof location.

1.2. BATTERY SAFETY INSTRUCTIONS

- p **WARNING!** Powered by a sealed lead-acid battery which is dangerous if not handled with care to avoid damage, fire, corrosion or personal injury.
- 3 Charge battery prior to its first use. The battery pack will have been shipped in a low charge state.
- 3 Use only the charger provided to charge the battery.
- 7 DO NOT charge battery when room temperature is below 50°F (10°C) or above 104°F (40°C).
- 7 DO NOT attempt recharging the battery by means of an engine generator or a DC power source.
- 7 DO NOT short-circuit the battery by linking both terminals with a metal object, or your fingers etc.
- 7 DO NOT store the battery (or spotlight) in locations where the temperature may exceed 104°F (40°C) such as outside sheds, above heaters, or metal buildings in summer.
- p **WARNING!** Dispose of spent battery correctly as it contains acid. **DANGER! DO NOT attempt to dismantle the battery pack.** For safety and environmental reasons DO NOT discard in domestic waste or by burning. ONLY discard or recycle according to local waste authority regulations.
- p **WARNING!** DO NOT allow a leaking battery to come into contact with your skin. If you come into contact with battery fluid take immediate action:
a) **Skin contact:** Wash immediately with soap and water
b) **Eye contact:** flush eye immediately with cool, clean running water for at least 15 minutes and seek immediate medical attention.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this equipment.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim. **INFORMATION:** For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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1.3. ELECTRICAL MAINS POWER SAFETY.

ONLY USE THE SUPPLIED CHARGER PLUG (fig 1.1) FOR CONNECTING UNIT TO THE MAIN ELECTRICAL POWER SUPPLY.

⚠ **WARNING!** It is the user's responsibility to read, understand and comply with the following electrical instructions:

You must ensure the risk of electric shock is minimised by the installation of appropriate safety devices. An RCCB (Residual Current Circuit Breaker) should be incorporated in the main distribution board. We also recommend that an RCD (Residual Current Device) is used with all electrical products, particularly portable equipment which is plugged into an electrical supply not protected by an RCCB.

You must also read and understand the following instructions concerning electrical safety.

1.3.1. The Electricity At Work Act 1989 requires all portable electrical appliances, if used on business premises, to be tested by a qualified electrician, using a Portable Appliance Tester (PAT), at least once a year.

1.3.2. The Health & Safety at Work Act 1974 makes owners of electrical appliances responsible for the safe condition of the appliance, and the safety of the appliance operator. **If in any doubt about electrical safety, contact a qualified electrician.**

1.3.3. You must ensure that you:

- 3 Inspect the charger (fig 1.C) plug, cable and adaptor (1) for wear and damage to ensure items are safe before connecting to the mains power supply. If worn or damaged DO NOT use.
 - 3 Check cable is protected against short circuit and overload.
 - 3 Important: Check that the voltage marked on the charger plug is the same as the power supply to be used.
 - 3 Uncoil the power cable between charger and plug.
 - 7 DO NOT pull charger power lead, or pull the charger plug from the mains socket by the power lead.
 - 7 DO NOT use any other type of charger with this product.
 - 7 DO NOT place the power connector into any area of the product except the correct AC jack inlet socket.
 - 7 DO NOT try to open or dis-assemble the charger plug.
 - 7 DO NOT use charger plug to charge or power any other electrical item.
 - 7 DO NOT get charger wet, or use in wet, damp conditions (for indoor use only).
- ⚠ **WARNING!** NEVER substitute a standard 13Amp 3 pin plug, or any other type of plug, for the charger plug .

Cable extension reels. If a cable extension reel is used it should be fully unwound before connection. A cable reel with an RCD fitted is recommended since any product which is plugged into the cable reel will be protected. The section of the cable on the cable reel is important. We recommend that at least 1.5mm² section cable is used.

1.4. 12V VEHICLE CHARGE ADAPTOR.

ONLY USE THE SUPPLIED AC ADAPTOR (fig 1.2) FOR CONNECTING TO A VEHICLE 12V PLUG. The adaptor will reduce current for 6V charging.

Apply safety instruction 1.3.3. where applicable and read 2.3.2. for use.

fig 1

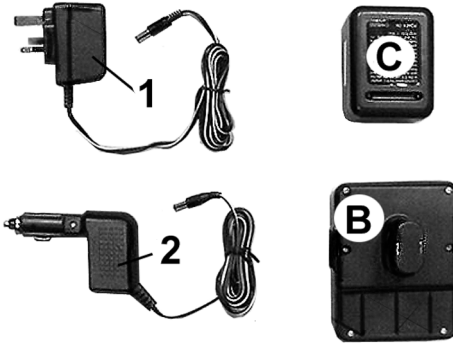
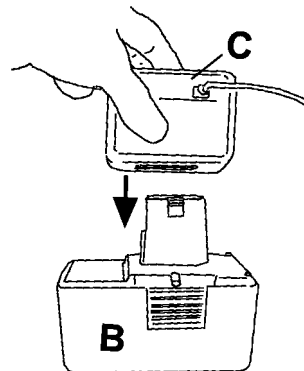


fig 2



fig 3



2. INTRODUCTION & OPERATION

2.1. INTRODUCTION

Tough composite body with integral carry handle and trigger guard. Ø150mm lens with halogen bulb produces 1 million candle power of intense white light and is suitable for a variety of industrial, domestic and leisure applications. Features locking power switch and wrist strap. Gives around 30 minutes of continuous operation. Supplied with 6V 4.5Ah battery, in-vehicle charger and 230V/6V battery charger pack. Lens Ø: 150mm Cell Type: 6V-4.5Ah Rechargeable

2.2. OPERATING

⚠ **WARNING!** Ensure you read, understand and apply safety instructions fore use.

1. Charge the battery for 12-14 hours before first use use. The battery pack will have been shipped in a low charge state.
2. Turn spotlight ON and OFF by the trigger at top of the handle. Depress the top of the trigger to lock on and the bottom of the trigger for intermediate use.
DO NOT completely discharge the battery before re-charging as this will shorten battery life.

2.3. BATTERY CHARGING

⚠ **WARNING!** Ensure you read, understand and apply safety instructions relating to the battery and charger before use.

2.3.1. MAINS POWER CHARGING.

1. Remove battery (item B) from spotlight by pressing side buttons to release.
2. Stand the battery on a safe flat surface and place the charger (fig 1.C) over the battery connector (B).
Note: The battery is designed to fit into the charger one way only. This is to ensure that the positive (+) and negative (-) polarities correspond. Align the + and - polarity marks on the base of the battery with the + and - marks on the charger, insert the battery and press very slightly downward to seat the battery firmly into the charging base.
⚠ **WARNING!** DO NOT try to force battery into the base with crossed polarities.
3. Connect the mains adaptor jack to the battery charger jack inlet. Plug into the mains power supply and switch on. The green LED will light up indicating that the power is on. The red LED light indicated that the battery is correctly in contact with the charger and is charging.
4. Allow to fully charge for 11-12 hours. The red LED will remain on until the battery is removed from the charger. The green light will remain until the power source is switched off.
5. Store the charger in a safe, dry location.

2.3.2. 12V VEHICLE PLUG ADAPTOR

1. Proceed as in 2.3.1.1 and 2 above.
2. Plug the 12Volt vehicle plug adaptor into the battery jack inlet, and plug the other end of adaptor into vehicle cigarette lighter socket.
3. The charger LED lights will display as mentioned in 2.3.1. Allow approximately 9 -10 hours for charging.
4. When fully charged, unplug the adaptor from the vehicle socket and charger unit.
5. Store the adaptor in a safe, dry location.

NOTE: Charging the spotlight from an AC 12 Volt vehicle socket will drain the vehicle battery.