



INSTRUCTIONS FOR:
RECHARGEABLE SPOTLIGHT
5 Watt CREE 5m CANDLE POWER
MODEL No: **LED437**

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 AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

1.1. GENERAL.

- ✓ Ensure the spotlight is correctly charged before initial use.
- ✗ **DO NOT** cover or block the lens during use.
- ✗ **DO NOT** turn the spotlight on when it is being re-charged.
- ✗ **DO NOT** shine directly into your, other person's or animal's eyes.
- ✗ **DO NOT** allow children to use the spotlight.
- ✗ **DO NOT** handle or move the spotlight whilst it is being charged.
- ✗ **DO NOT** use the spotlight if you suspect that the battery or the spotlight casing is damaged.
- ✗ **DO NOT** immerse the spotlight in water.
- ✓ Ensure replacement batteries are genuine Sealey batteries of the same rating.
- ✓ Ensure the spotlight is unplugged and allowed to cool before attempting any cleaning or replacement.
- ✓ When not in use store the spotlight in a safe, dry, childproof location.

1.2. BATTERY SAFETY.

DANGER! BE AWARE, LEAD-ACID BATTERIES MAY BE DANGEROUS IF NOT HANDLED WITH CARE AND ACCORDING TO THESE INSTRUCTIONS.

- ✓ Before exposing the batteries for replacement, remove personal metallic items such as rings, bracelets, necklaces and watches. A lead-acid battery can produce a short-circuit current high enough to weld a ring to metal, which would cause severe burns.
- ✗ **DO NOT** smoke or allow a spark or flame in the vicinity of batteries.
- ✓ Ensure the charger is switched off and disconnected from the spotlight before attempting to open the lamp unit.
- ✓ If the batteries' terminals are corroded or dirty, clean them before replacing batteries.
- ✗ **DO NOT** dis-assemble the batteries for any reason.
- **WARNING! DO NOT** allow metal tools to touch both battery terminals simultaneously. Arcing or short circuit will result.
- ✗ **DO NOT** allow battery wires to touch each other or to make contact with any other metallic part.
- ✗ **DO NOT** leave batteries in a discharged state, recharge batteries immediately. If the spotlight is not in use, recharge the batteries every three months.
- ✗ Dispose of the old batteries in accordance with local authority battery regulations. **DO NOT** dispose of with regular refuse.

1.3. ELECTRICAL SAFETY.

USE ONLY THE SUPPLIED MAINS CHARGER PLUG FOR CONNECTING SPOTLIGHT TO THE MAINS POWER SUPPLY. ONLY USE THE SUPPLIED ADAPTOR FOR CONNECTING TO A VEHICLE 12V ACCESSORY SOCKET.

- **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:

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

2. INTRODUCTION & SPECIFICATION

2.1. INTRODUCTION

Weatherproof composite spotlight with swivel handle feature allowing pistol grip or carry handle operation. Integral adjustable foot doubles as a carry handle when used in pistol grip mode. Ø125mm with 5Watt CREE bulb produces 5-million candle power with 2 selectable modes of brightness lasting up to 8 hours on one charge. Suitable for a wide variety of applications. Supplied with 6Volt 2.5Ah sealed battery, in-car charger and 230V mains charger.

Charging Time: (approx.) 15hrs

Lens Diameter: 125mm

Operating Time: (approx.) 4 hours HIGH Power/ 8 hours NORMAL Power

3. OPERATION

3.1. OPERATION

- ❑ **WARNING!** Ensure that you read, and fully understand the safety instructions before use.

1. Charge the batteries before use.

IMPORTANT: Ensure the spotlight is turned 'Off' whilst charging. Failure to do so will damage the charger plug/vehicle plug.

2. Turn spotlight 'On' and 'Off' by the rocker switch (fig.1.A) on the main body. Select position 'I' for NORMAL power and position 'II' for HIGH power. Select position 'O' to turn the spotlight 'Off'.

3. The spotlight has a fixed carrying handle (fig.2.A), a rotatable pistol grip handle (fig.2.B) and a swivel standing support (fig.2.C). To operate the rotatable pistol grip handle, push the handle button (fig.2.D) and turn the handle to the upper or lower position. To operate the swivel standing support, pull it either to the front or rear of the spotlight. The swivel standing support doubles as a carry handle when using the pistol grip handle.

3.2. BATTERY CHARGING

- ❑ **WARNING!** Ensure that you read, fully understand, and apply the safety instructions relating to the batteries and charger before use.

3.2.1. Mains Charger plug

1. Ensure the spotlight is turned 'Off' and then plug the charger adaptor (fig.3) into the jack inlet (fig.1.B) on the spotlight body. Stand the spotlight in a safe location ready to charge.
2. Plug charger into the mains supply.
3. Allow approximately 15 hours for the initial charge and for subsequent charges.
4. When full charge has been reached, switch off the mains supply and unplug the charger from the mains and then from the spotlight. The spotlight is now ready for use.
5. Store the charger in a safe, dry location.

Notes: a) Fully charged batteries will last for approximately 8 hours on NORMAL power and 4 hours on HIGH power.

b) **DO NOT** fully discharge the batteries before recharging.

c) **DO NOT** leave batteries in a discharged state, recharge batteries immediately. If the spotlight is not in use, recharge the batteries every three months.

3.2.2. Vehicle Charger plug

1. Ensure the spotlight is turned 'Off' and then plug the vehicle charger plug (fig.4) into the jack inlet (fig.1.B) on the spotlight body. Stand the spotlight in a safe location ready to charge.
2. Insert the charger plug into the vehicle's accessory socket (12V only).
3. Allow approximately 15 hours for the initial charge and for subsequent charges.
4. When full charge has been reached, unplug the adaptor from the vehicle's accessory socket and then from the spotlight. The spotlight is now ready for use.
5. Store the charger plug adaptor in a safe, dry location.

NOTE: Charging the spotlight from a 12V vehicle socket will drain the vehicle's battery, unless the engine is running.

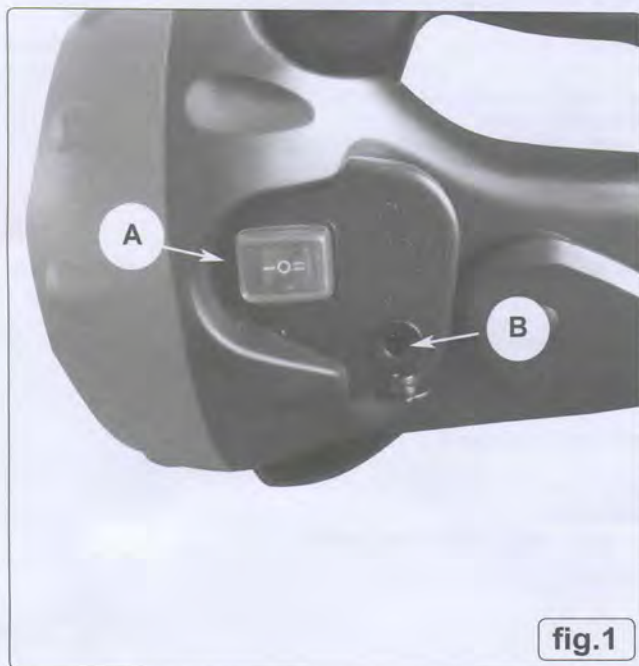
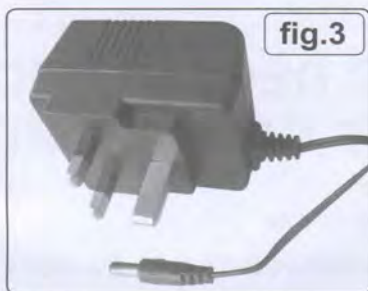


fig.1



fig.2



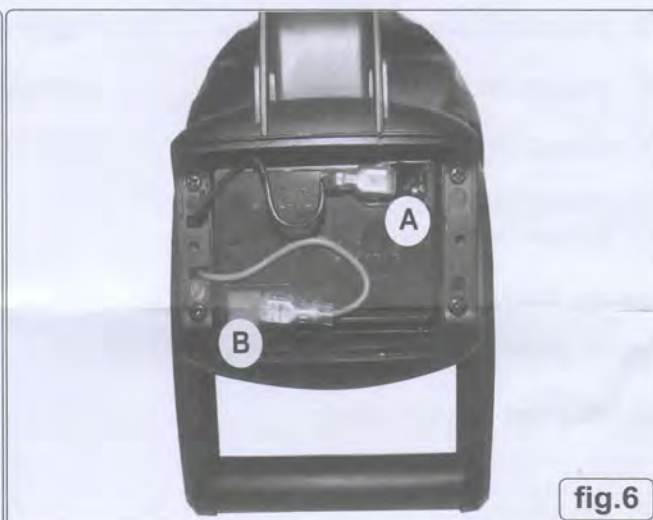
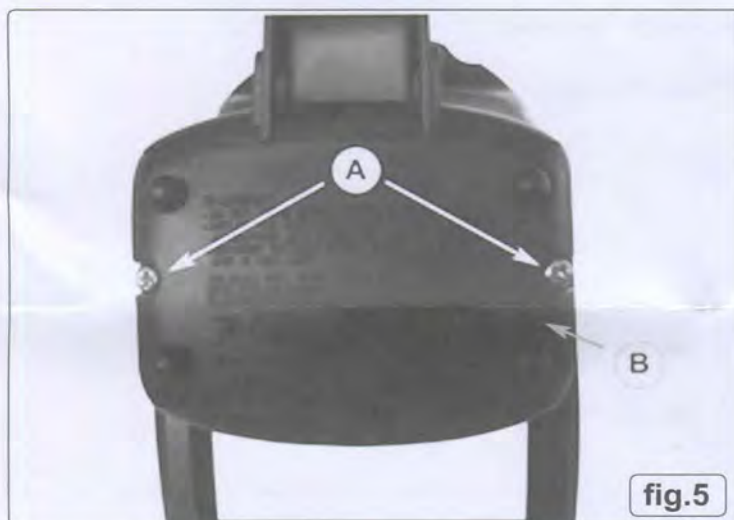
4. MAINTENANCE

4.1. CHANGING THE BATTERIES

- ❑ **WARNING!** Ensure that you read, understand and apply the safety instructions relating to the batteries before changing them.
 1. Ensure the spotlight is turned 'Off' before attempting to change the battery.
 2. Undo the 2 battery cover retaining screws (fig.5.A) at the rear of the spotlight.
 3. Remove the battery cover (fig.5.B).
 4. Disconnect the black wire from the black negative terminal (fig.6.A) and the red wire from the red positive terminal (fig.6.B).
- ❑ **WARNING! Beware of causing a short circuit.**
 5. Carefully withdraw battery from spotlight body.
 6. Replace with genuine Sealey battery and install by reversing the above procedure.

NOTE: Take care not to pinch or mis-connect any wires.

7. Dispose of old batteries in accordance with local authority lead-acid battery regulations. **DO NOT** dispose of with regular refuse.



Environmental Protection.



Recycle unwanted materials instead of disposing of them as waste.

All tools, accessories and packaging should be sorted, taken to a recycle centre and disposed of in a manner which is compatible with the environment.



When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

Battery Removal.

- ❑ **WARNING!** Ensure the spotlight is turned off before removing the battery

Refer to Section 4.1 to remove the battery.



Dispose of batteries according to local authority guidelines.

Under the Waste Batteries and Accumulators Regulations 2009, Jack Sealey Ltd are required to inform potential purchasers of products containing batteries (as defined within these regulations), that they are registered with Valpak's registered compliance scheme. Jack Sealey Ltd's Batteries Producer Registration Number (BPRN) is BPRN00705

Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to www.sealey.co.uk, email sales@sealey.co.uk or phone 01284 757500.

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 product.

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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Original Language Version

LED437 Issue: 1 - 22/03/11



EC DECLARATION OF CONFORMITY

We the sole importers into the UK, hereby declare that the equipment described below

**Rechargeable Spotlight 5Watt CREE - 5,000,000 Candle Power +
charger**

Description and Function:

Model/Type: **LED437**

Manufacturing Date / Serial number (optional):

Manufacturer's authorised representative within the EC: **Jack Sealey Ltd. Kempson Way, Suffolk Business Park,
Bury St. Edmunds, Suffolk, IP32 7AR**

Conforms to the requirements of the following Directives, as indicated.

- | | |
|--|---|
| ☐ 2006/42/EC Machinery Directive | ☐ 2000/14/EC Outdoor Noise Emissions Directive |
| ☒ 2006/95/EC Low Voltage Directive | ☒ 2002/96/EC WEEE Directive |
| ☒ 2004/108/EC EMC Directive | ☒ 2002/95/EC RoHS Directive |
| ☒ 93/68/EEC CE Marking Directive | ☐ 97/23/EC Pressure Equipment Directive |
| ☐ 87/404/EEC the Simple Pressure
Vessels Regulations | |

And the following harmonised standard(s)

BS EN 61558 part 1: 2005 + A1: 2009

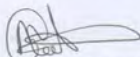
BS EN 55014 part 1: 2006 + A1: 209

BS EN 61558 part 2-6: 2009

BS EN 61000 part 6-3: 2007

Additional technical standards and specifications (if applicable):

Technical file compiled by: **Jack Sealey Ltd.**

Signed: 

Date: **24-Feb-2011**

Place: **Bury St. Edmunds.**

Name: **Mark Sweetman**

Position: **Managing Director**

Being the responsible person appointed by the manufacturer.



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