

INSTRUCTIONS FOR:

RECHARGEABLE SPOTLIGHT 5,000,000 CANDLE POWER

MODEL No: **AK437.V3**

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.
- ✓ When fully charged, spotlight must not be used for more than 20 minutes continuously. To do so may damage the lamp.
- WARNING!** The lens becomes very hot during operation.
- 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** stand the spotlight near any surface or item that may be adversely effected by the heat emitted by the lens.
- 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** handle lamp bulb with your fingers. Use a soft lint-free cloth.
- ✓ Ensure that correctly rated battery and bulb are used for replacements.
- ✓ 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 carry handle. Integral stand keeps lens and battery case off the floor and permits light to be directed where it is needed. Ø170mm Lens with halogen bulb produces 5-million candle power of intense white light and is suitable for a variety of industrial, domestic and leisure applications. Supplied with two sealed 6Volt 4Ah batteries, in-vehicle charger and 230 - 12Volt battery charger pack.

Weight: 3.5kg Charging Time (approx.): . . . 16hrs
Lens Diameter: 170mm Operating Time (approx): . . 30mins

Spares:

AK437.V3-01 Bulb - Halogen H3 12V 100W
AK437.V3-02 Switch
AK437.V3-03 Mains Charger 12V 300mA
AK437.V3-05 Battery - 6V 4Ah (x2)
AK437.V3-06 Vehicle Accessory Lead

3. OPERATION

3.1. OPERATION

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

Reminder: This spotlight is designed for intermittent use only. Continuous use may damage the unit.

1. Charge the batteries before use.
- ❑ **IMPORTANT:** Turn off spotlight whilst charging. Failure to do so will damage the charger plug/vehicle plug.
2. Turn spotlight 'On' and 'Off' by the rocker switch (fig.3.A) on the main body.
 3. The spotlight has a fixed carrying handle and two adjustable standing supports (fig.1.C).

3.2. BATTERY CHARGING

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

- ❑ **IMPORTANT WARRANTY INFORMATION:**

The battery pack fitted to this cordless tool is considered to be a consumable item and its ability to accept charge will reduce over time.

We will warranty it against mechanical and electrical defect for a period of one year - this does not cover fair wear and tear. If the battery is not properly charged before first use, or regularly conditioned, its capacity will diminish. Under these circumstances we will not replace the battery pack even if it is less than one year old.

3.2.1. Mains Charger plug

1. Ensure the spotlight is turned 'Off' and then plug the charger adaptor (fig.2) into the jack inlet (fig.3.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 20 hours for the initial charge and 16 hours 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.

NOTE: a) Fully charged batteries will last for approximately 30 minutes.

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

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.3.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 20 hours for the initial charge and 16 hours 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 12 volt vehicle socket will drain the vehicle's battery, unless the engine is running.

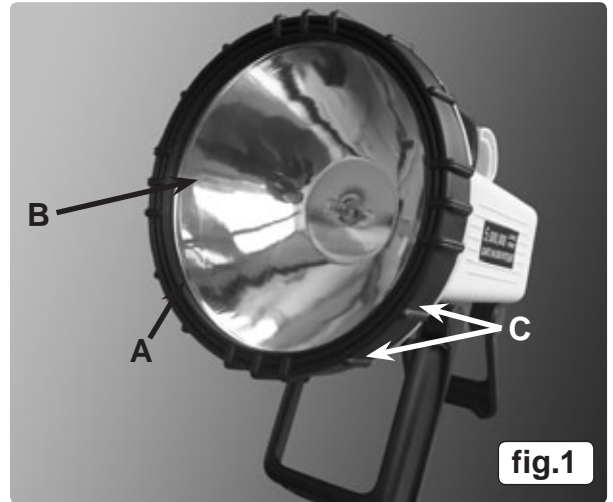


fig.1

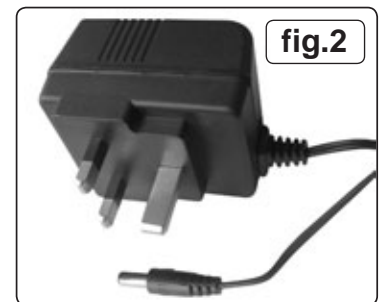


fig.2

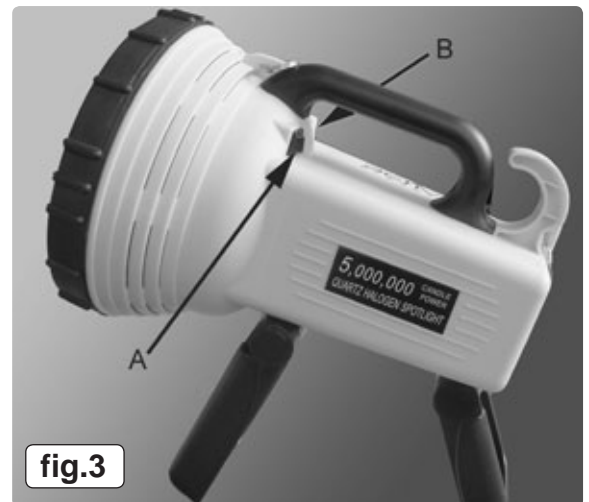


fig.3



fig.4

4. MAINTENANCE

4.1. CHANGING THE SPOTLIGHT BULB

- ❑ **WARNING!** Ensure the spotlight is turned off and the lens has cooled prior to changing the bulb.
 1. Undo the spotlight hood (fig.1.A) by turning it anti-clockwise.
 2. Carefully lift the reflector assembly revealing the spring clip (fig.5.1) and the cable connector (fig.5.2). Take care as the lens glass is separate.
 3. Disconnect cable (fig.5.3).
 4. Remove the spring clip (fig.5.1).
 5. Pull bulb (fig.5.4) outward from the reflector.
 6. Hold the new bulb with a lint free cloth, (do not handle the bulb), install by reversing the above procedure.
- ❑ **WARNING! Beware of causing a short circuit.**

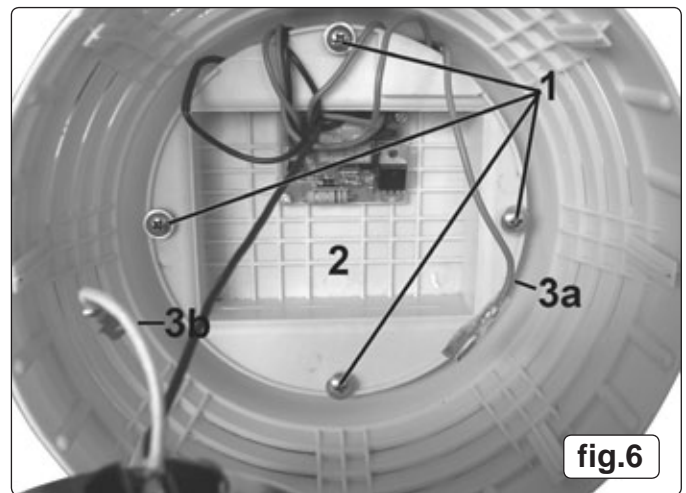
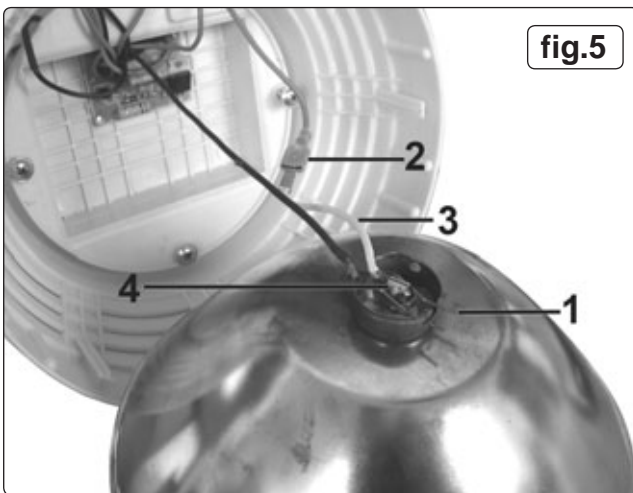
4.2. CHANGING THE BATTERIES

- ❑ **WARNING!** Ensure that you read, understand and apply the safety instructions relating to the batteries before changing them.
 1. Undo the spotlight hood (fig.1.A) by turning it anti-clockwise.
 2. Carefully lift the hood and reflector assembly revealing the four battery cover retaining screws (fig.6.1)
 3. Disconnect wire (fig.6.3a) from bulb cable (fig.6.3b) .
- ❑ **WARNING! Beware of causing a short circuit.**
 4. Undo the four retaining screws.
 5. Carefully raise the battery cover (fig.6.2).
 6. Carefully remove battery terminal wires, noting cable connections, then remove both batteries.
 7. Replace with genuine Sealey batteries and install by reversing the above procedure.

Notes: a) Take care not to pinch or mis-connect any wires.

b) When replacing the battery cover, make sure that the charging jack PCB is slotted into its supports, before replacing screws.

8. 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 4.2 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

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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