

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 SAFETY

- ✓ Ensure the lantern is charged for a minimum of 12 hours before initial use.
- x **DO NOT** charge the battery for more than 24 hours. Explosive gas will be generated if overcharged.
- x **DO NOT** charge the battery if the ambient temperature is greater than 40°C or less than 5°C.
- **WARNING!** The lens may become hot after prolonged use.
- x **DO NOT** cover or block the lens during use.
- x **DO NOT** turn the lantern on when it is being charged.
- x **DO NOT** shine directly into your, other person's or animal's eyes.
- x **DO NOT** stand the lantern near any surface or item that may be adversely affected by the heat emitted from the lens.
- x **DO NOT** allow children to use the lantern.
- x **DO NOT** handle or move the lantern whilst it is being charged.
- x **DO NOT** use the lantern if you suspect that the battery or the lantern casing is damaged.
- ✓ Ensure that correctly rated battery and bulb are used for replacements.
- ✓ When not in use store the lantern in a safe, dry, childproof location.
- x **DO NOT** dis-assemble the battery for any reason.
- x **DO NOT** leave battery in a discharged state, recharge battery immediately. If the lantern is not in use, recharge the battery every three months.
- ✓ Dispose of the old battery in accordance with local authority regulations.
- x **DO NOT** dispose of with regular refuse.

1.2. ELECTRICAL SAFETY

USE ONLY THE SUPPLIED CHARGER PLUG (fig. 3) FOR CONNECTING THE LANTERN TO THE POWER SUPPLY.

USE ONLY THE SUPPLIED ADAPTOR LEAD (fig. 4) FOR CONNECTING THE LANTERN TO A VEHICLE 12V SOCKET.

- **WARNING!** It is the owner'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.
- 1.2.1. **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.
- 1.2.2. **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.**
- 1.2.3. **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 lantern.
 - x **DO NOT** pull the charger plug from the mains socket by the lead.
 - x **DO NOT** use any other type of charger with this product.
 - x **DO NOT** place the connector into any area of the lantern except the correct jack inlet socket.
 - x **DO NOT** try to take the charger plug apart.
 - x **DO NOT** use the charger plug to charge or power any other electrical item.
 - x **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 & OPERATION

2.1. INTRODUCTION

The AK433 Rechargeable Lantern has a krypton bulb which provides a good beam and an extended service life compared with other types of bulb. The lantern may be stood on a flat surface or hand held. The lantern is powered by a sealed, rechargeable, 6 volt, lead-acid battery which is charged via the charger plug or the vehicle cigarette lighter adaptor, both of which are supplied.

2.2. OPERATION

- **WARNING!** Ensure that you read and understand the Section 1 safety instructions before use.
 1. Charge the battery before first use, see Section 3.
 2. Turn on the lantern by flipping up the switch cover (fig. 1) and then pressing the switch.
 3. Turn off the lantern by pressing the switch again.

3. CHARGING

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

▲ **IMPORTANT: Turn off lantern while charging. Failure to do so will damage the charger plug/vehicle plug.**

- **IMPORTANT WARRANTY INFORMATION:**

The battery fitted to this lantern 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 even if it is less than one year old.

3.1. Charger plug - AK433.CA

1. The charging jack plug socket is situated beneath the reflector. Unscrew the reflector assembly (fig. 2.A) and fully insert the jack plug (fig. 5.A). Stand the lantern in a safe location ready to charge.
2. Ensure the lantern is turned off and then plug the charger (fig. 3) into the mains supply and switch on. The red LED (fig. 5.B) will light up to indicate that charging is in progress.
3. Allow 20 to 24 hours for charging. When fully charged, switch off the mains supply and unplug the charger. Remove the charger jack plug from the lantern and replace the reflector.
4. Store the charger in a safe, dry childproof location.

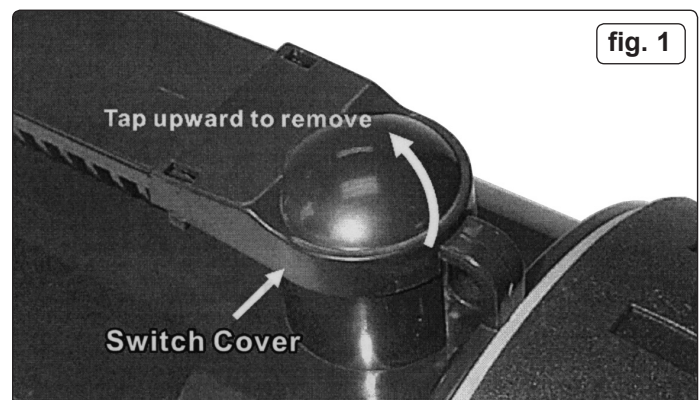
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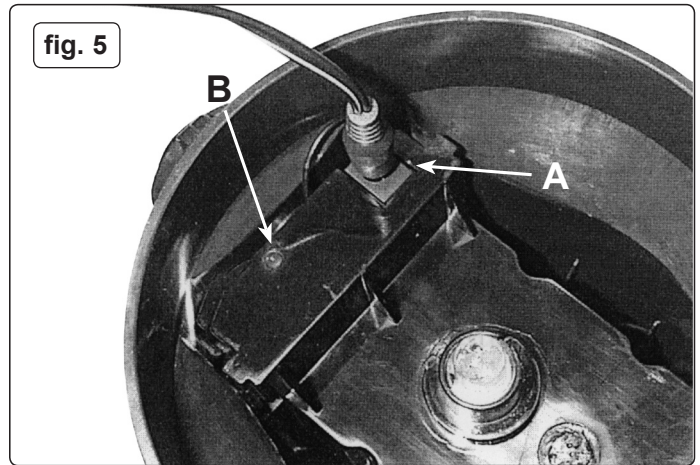
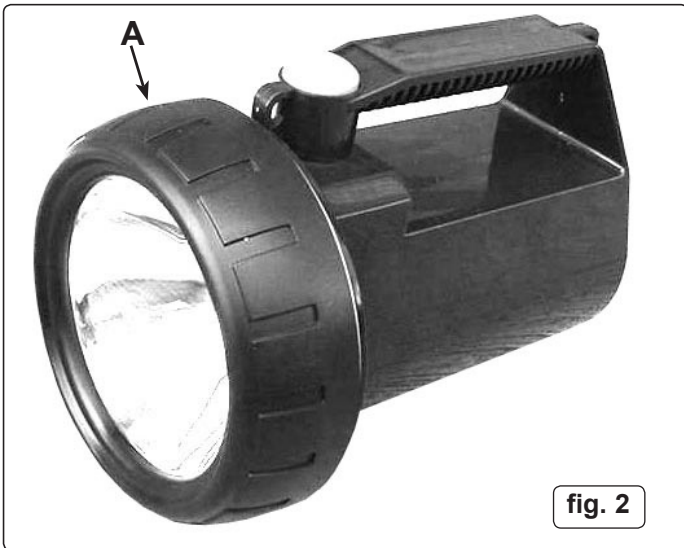
- a) A fully charged battery will last for approximately 6 hours.
- b) There is no need to fully discharge the battery before recharging.

3.2. Vehicle adaptor lead

1. Ensure that the lantern is turned off, remove the reflector and then plug the jack on the 12 volt vehicle adaptor lead into the jack socket in the lantern body. Stand the lantern in a safe location ready to charge.
2. Insert the plug (fig. 4) into the vehicle cigarette lighter socket. The charging LED on the main body of the torch will light up. Allow approximately 20 to 24 hours for charging.
3. When fully charged, unplug the adaptor from the vehicle socket and from the lantern **before** turning the lantern on.
4. Store the adaptor in a safe, dry, childproof location.

NOTE: Charging the lantern from a 12 volt vehicle socket may drain the vehicle battery.

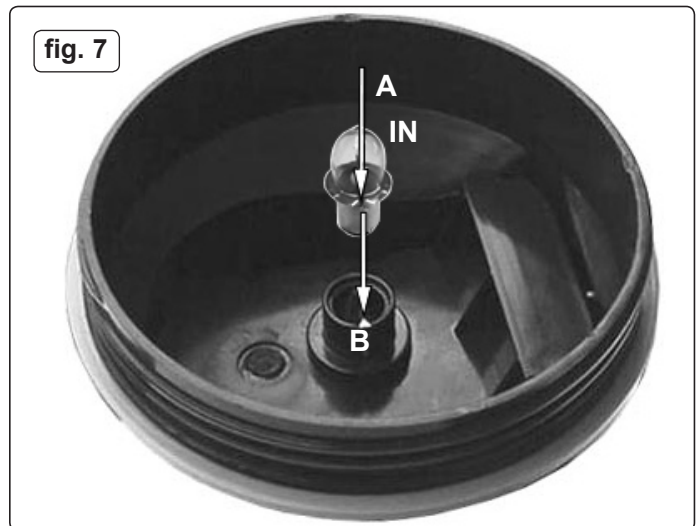
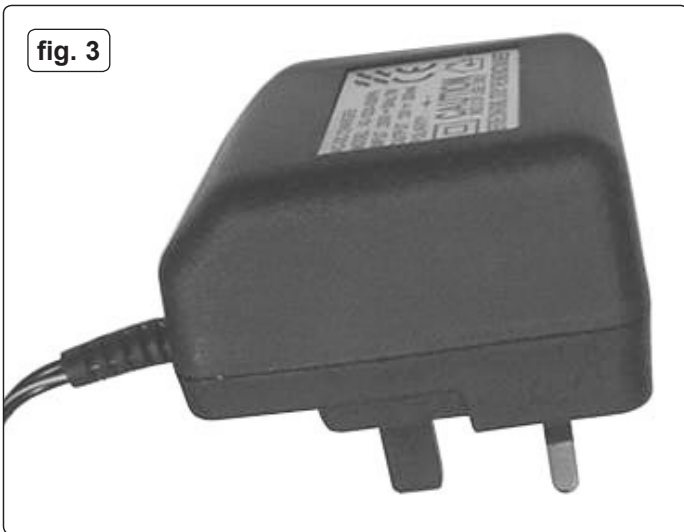
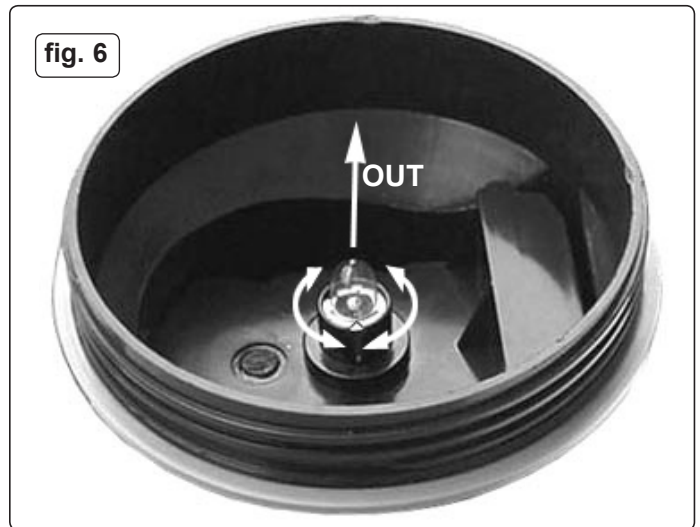




4. MAINTENANCE

4.1. CHANGING THE BULB

- **WARNING!** The lantern must be turned off and the bulb cool.
- 1. Undo the reflector assembly (fig. 2.A) by unscrewing it anti-clockwise. Lift off and place to one side.
- 2. The bulb and bulb holder are immediately visible as shown in fig. 6. **DO NOT** touch the bulb until it is cool.
- 3. Remove the bulb by rotating it in its socket until the notch in the rim of the bulb (fig. 7.A) lines up with the triangular retaining clip (fig. 7.B).
- 4. Place the new krypton bulb into the socket and align the notch in the rim with the triangular retaining clip. Push down lightly on the bulb and rotate it at least 1/4 turn to retain it.
- 5. Replace the reflector assembly.



5. REPLACEMENT PARTS

PARTS LIST FOR:

AK433 RECHARGEABLE LANTERN

Part No.	Description
AK433.B	Bulb (6 volt, 0.75 amp)
AK433.C	Charger Adaptor

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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