

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 torch is correctly charged before initial use.
- x **DO NOT** cover or block the lens during use.
- x **DO NOT** turn the torch on when it is being re-charged.
- x **DO NOT** shine directly into your, other person's or animal's eyes.
- x **DO NOT** stand the torch near any surface or item that may be adversely effected by the heat emitted from the lens.
- x **DO NOT** allow children to use the torch.
- x **DO NOT** handle or move the torch whilst it is being charged.
- x **DO NOT** use the torch if you suspect that the battery or the torch casing is damaged.
- x **DO NOT** handle lamp bulb with your fingers. Use a soft lint-free cloth.
- ✓ Ensure that genuine and correctly rated battery and bulb are used for replacements.
- ✓ When not in use, store the torch 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 battery 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.
- x **DO NOT** smoke or allow a spark or flame in the vicinity of the battery.
- ✓ Ensure the charger is switched off and disconnected from the torch before attempting to open the lamp unit.
- ✓ If the batteries' terminals are corroded or dirty, clean them before replacing battery.
- x **DO NOT** dis-assemble the battery for any reason.
- WARNING! DO NOT** allow metal tools to touch both battery terminals simultaneously. Arcing or short circuit will result.
- x **DO NOT** allow battery wires to touch each other or to make contact with any other metallic part.
- x **DO NOT** cross-connect wires to the battery as this will damage the unit.
Ensure positive (+) (RED) is to positive and negative (-) BLACK is to negative.
- x **DO NOT** leave battery in a discharged state, recharge battery immediately.
If the torch is not in use, recharge the battery every three months.
Dispose of the old battery in accordance with local authority acid battery regulations. **DO NOT** dispose of with regular refuse.

1.3. ELECTRICAL SAFETY.

USE ONLY THE SUPPLIED CHARGER PLUG FOR CONNECTING TORCH TO THE POWER SUPPLY. ONLY USE THE SUPPLIED ADAPTOR FOR CONNECTING TO A VEHICLE 12V 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 torch.
- 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 of either charger (12V DC vehicle or mains adaptor) into any area of the torch except the appropriate jack inlet sockets.
- 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 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.

2. INTRODUCTION & OPERATION

2.1. INTRODUCTION

The AK432 rechargeable halogen torch comes with a 6V 2.3Ah lead acid battery and produces a 50,000 candle power beam. The torch may also be used as a flashing emergency warning light. The fully adjustable head, combined with belt clip and magnetic base, makes this torch ideal for hands-free use. Supplied with mains charger, in-vehicle charging cable, wrist strap, pouch and spare bulb.

2.2. OPERATION

- ☐ **WARNING! Ensure you read and understand safety instructions before use.**
 1. Charge the battery before use. IMPORTANT: Turn off torch while charging. Failure to do so will damage the charger plug/vehicle plug.
 2. Turn torch 'On' and 'Off' by the switch on the main body.
This is a three way switch, enabling the selection of **search beam** (fig 1A), **emergency flashing warning light** (fig 1B) and **off** (fig 1C).

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 charger plug

1. Plug the charger adaptor (fig 3) into the jack (fig 4A) on the main body and stand the torch in a safe location ready to charge -
DO NOT charge the torch in a confined space.
2. Ensure the torch is turned 'Off' and then plug charger into the mains supply and switch on.
3. Allow 5-7 hours for charging. The LED indicator (fig 4B) will light up green whilst the battery is charging and red when the battery is fully charged. When fully charged, switch off the mains supply and unplug the charger. Remove the charger adaptor from the torch and seal the jack inlet. The torch may now be used.
4. Store the charger in a safe, dry location.

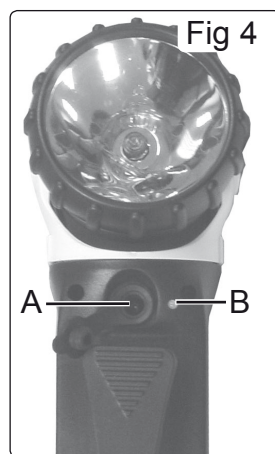
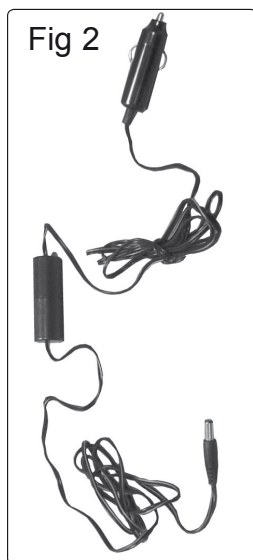
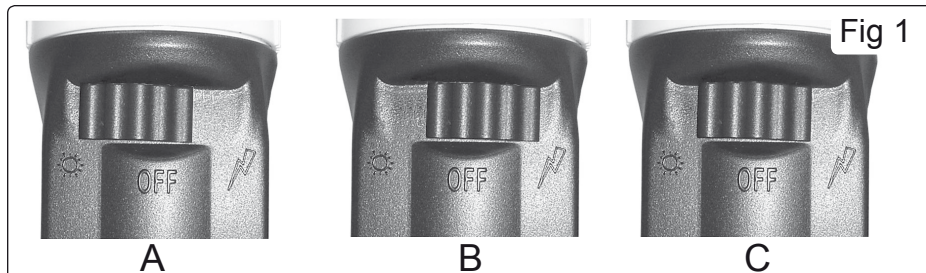
- Notes:**
- a) A fully charged battery will last for approximately 120 minutes on full beam and 660 minutes using the flashing warning light.
 - b) Do not fully discharge the battery before recharging.

2.3.2. Vehicle plug

1. Ensure torch is turned 'Off' and then plug the 12 volt vehicle plug adaptor (fig 2) into the jack on the main body. Stand the torch in a safe location ready to charge.

2. Insert plug into vehicle cigarette lighter socket. Allow 11-13 hours for charging.
The LED indicator (fig 4B) will light up green whilst the battery is charging and red when the battery is fully charged.
3. When fully charged, unplug the adaptor from the vehicle socket and from the torch before turning the torch on.
4. Store the adaptor in a safe, dry location.

NOTE: Charging the torch from a 12 volt vehicle socket will drain the vehicle battery.



3. MAINTENANCE

3.1. CHANGING THE TORCH BULB

WARNING! Ensure the torch is turned off and the lens has cooled prior to changing the bulb.

1. Turn the ring (fig 5A) anti-clockwise and remove it together with the glass lens.
2. Carefully lift out the reflector assembly.
3. Remove the old bulb.
4. Fit the new bulb into the housing, using a soft lint-free cloth to handle. Use only 6V 5W halogen bulb (see parts list).
5. Replace the reflector assembly.
6. Replace the glass lens and ring, tighten by turning the ring clockwise.



3.2. CHANGING THE BATTERY

❑ **WARNING!** Ensure you read, understand and apply safety instructions relating to the battery before changing.

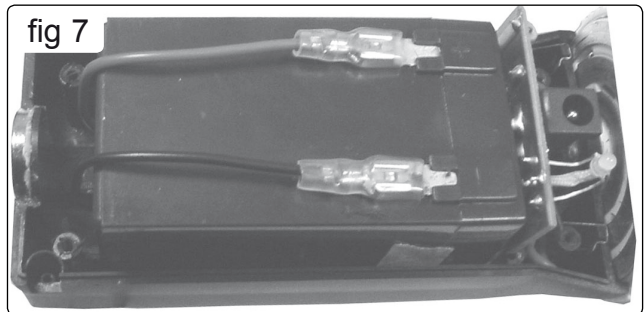
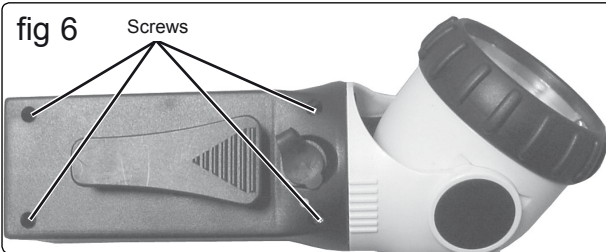
1. Undo the torch body by removing the 4 screws (fig 6)
2. Carefully disconnect the wires (fig 7) from the battery.

❑ **WARNING! Beware of causing a short circuit.**

3. Replace battery with genuine Sealey battery and install by reversing the above procedure.

Note: Take care not to pinch or cross-connect any wires.

4. 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.

Refer to Section 3.2 'changing the battery' for instruction on how 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 LIST FOR: AK432 RECHARGEABLE TORCH

Part No	Description	Part No	Description	Version	1
AM042863C-1	Halogen bulb 6V 5W	AM042863C-2	Nylon bag	Issue Date	130404
AM042863C-3	Rechargeable battery 6V 2.3Ah	AM042863C-4	Cigarette lighter cord DC 12V		
AM042863C-5	Adaptor AC 230V WBS approval	AM042863C-6	Belt clip		

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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