

 **BLACK & DECKER®**

1,000,000 Power Series™
Spotlight
Cordless • Rechargeable



**BEFORE RETURNING THIS PRODUCT
FOR ANY REASON PLEASE CALL
1-877-571-2391**

BEFORE YOU CALL, HAVE THE CATALOG No
AVAILABLE IN MOST CASES A REPRESENTATIVE
CAN RESOLVE THE PROBLEM OVER THE PHONE.

SAVE THIS MANUAL FOR FUTURE REFERENCE.

IMPORTANT SAFETY INSTRUCTIONS

WARNINGS

1. All halogen lights give off heat. Never place the light face-down on any surface when lit.
2. Never look directly into the light or shine the light into another person's eyes.
3. Replace bulb with type indicated in specifications or a 6 volt H3 quartz halogen bulb.
4. Do not immerse this spotlight in water. This unit is not waterproof — it is water resistant.
5. Do not substitute power cords or charging adapters. Only charge with supplied AC and DC charging adapters. Charging adapters for this unit supply 12 volts DC.
6. Keep children away from spotlight. This is not a toy!
7. Lens gets very hot when spotlight is operating. Do not touch lens while operating.
8. Keep combustibles away from spotlight lens — extreme heat can cause fires.
9. Keep sharp objects away from lens — it is glass and can break.
10. Do not drop or throw spotlight. It contains glass and a sealed lead acid battery.
11. Dispose of unusable batteries in a responsible manner. See battery disposal section.
12. Do not crush, cut, pull or expose charging adapter cords to extreme heat.
13. Position charging adapter cords so that they do not become entangled or become a safety hazard. Keep charging adapter cords away from sharp edges.
14. Do not operate while recharging.

CAUTIONS

- Use only with AC or DC charging adapters that are provided with unit. Plug in the charging adapter at the spotlight first, then plug into the charging source.
- Do not overcharge:
 - AC recharge up to 12-14 hours maximum.
 - DC recharge up to 3-4 hours maximum.
- Use in a dry location only.
- There are no user-serviceable parts inside.
- RISK OF FIRE/ELECTRIC SHOCK — do not plug in a power supply without the bulb lens and cover in place.

SAVE THESE INSTRUCTIONS

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INTRODUCTION

Thank you for purchasing the ***Cordless, Rechargeable 1,000,000 Power Series™ Spotlight***. Please read this guide carefully before use to ensure optimum performance and to avoid damage to the unit.

FEATURES

- Powerful, focused, replaceable quartz halogen bulb in spotlight
- 3-position electronic spotlight dimmer control to conserve power and extend runtimes
- Trigger Switch Lock locks the Trigger Switch in the OFF position or ON position (maintaining spotlight operation without depressing trigger)
- Rubber safety guard (bezel) around lens protects spotlight
- Comfortable pistol grip
- Convenient carry lanyard
- Battery Charge Level Indicator displays battery charge level while charging or whenever the spotlight is turned on
- UL listed, built-in 120 volt AC charging adapter
- Fused DC recharge/power cord
- Rechargeable, sealed lead acid battery (non-spillable)

Note: *This unit is shipped in a partially charged state. Charge unit BEFORE first use using the AC charger for 10 hours or until the green Battery Charge Level Indicator LED lights. Charge after each use until green LED lights.*



3/4 View



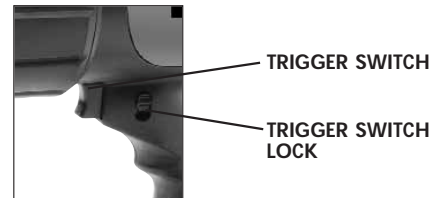
Back View



12 Volt DC Charging Adapter

OPERATING INSTRUCTIONS

To turn the cordless spotlight on depress the Trigger Switch. Depressing the Trigger Switch at one-second intervals advances the brightness level from dim to brightest.



To lock the trigger into the ON position pull the Trigger Switch and move the Trigger Switch Lock down. This will lock the trigger into the ON position. To shut it off, simply move the Trigger Switch lock up to the OFF position.

PERIODIC MAINTENANCE

All batteries lose charge with time, especially when they are warm. AC recharge is recommended every two months, when not in frequent use. Use the AC recharger and charge for the recommended time. If the unit gets dirty, gently clean the outer surfaces of the spotlight unit with a soft cloth moistened with a mild solution of water and detergent. Periodically inspect the condition of the recharge adapters, connectors and wires. Replace any components that may have become worn or broken.

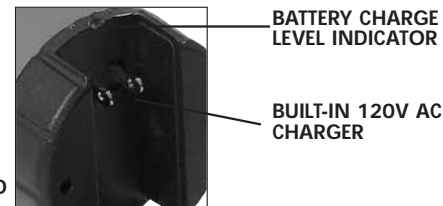
RECHARGING THE SPOTLIGHT

Charging From a 120 Volt AC Source

To recharge, plug a 120 volt AC household extension cord into the 120 volt AC Recharger on the back of the unit and charge for 12-14 hours or until the green Battery Charge Level Indicator LED lights.



HOUSEHOLD EXTENSION CORD
(NOT INCLUDED)



Charging From a 12 Volt DC Source

Plug the DC fused Recharge/Power Adapter (included) into the Recharge Port.



Insert the power plug into the accessory outlet of your vehicle or other 12 volt DC power source.

Make sure the spotlight is OFF and the Trigger Switch is in the OFF position (not depressed).

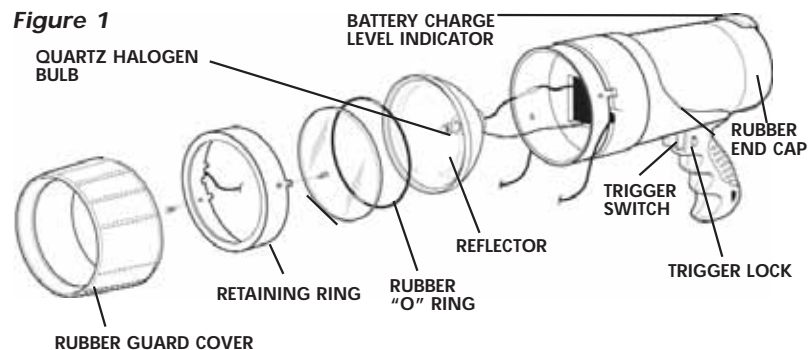
Allow approximately 3-4 hours charging time.

Recharge until the green Battery Charge Level Indicator LED lights.

Make sure the DC source (jump-starter, battery pack, vehicle accessory outlet, etc.) is 12 volt DC. The DC source should be able to supply at least one-half amp at 12 volt DC for 10 hours. This means a battery pack should be charged with at least 5 amp hours capacity.

PARTS REPLACEMENT

One part is user replaceable. The quartz halogen bulb is proprietary and is available through Vector. A substitute 6 volt H3 55 watt bulb may be used in place of a existing bulb. These can be purchased from popular automotive parts suppliers nationwide. For replacement parts and any additional information you may need, contact Technical Support at (800) 618-5178.



Spotlight Bulb Replacement

To replace the H3 type 6 volt bulb you will need a small Phillips type screwdriver and a replacement bulb (Vector Part VEC193). Bulb life may be shortened by installing a bulb with dirt or fingerprints on it. The bulb can be wiped clean with a cloth moistened with alcohol. During bulb installation, avoid touching the glass part of the bulb (see Figures 2A and 2B for details).

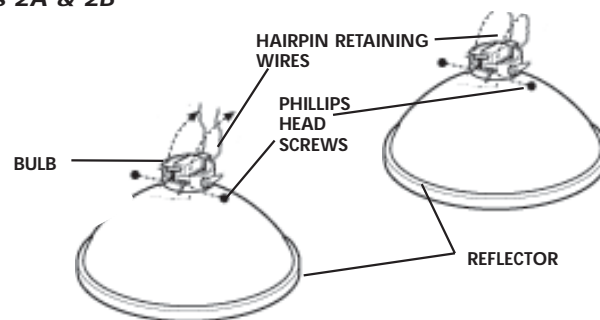
1. Disconnect the unit from any charging adapters.
2. Push the rubber bezel forward toward the front of the spotlight to reveal two small Phillips screws in the retaining ring.
3. Using the screwdriver, remove (counterclockwise) the two screws. Set them aside.
4. Lift off the retaining ring, glass lens and rubber "O" ring and set them aside.
5. Carefully remove the reflector and bulb assembly (see Figures 2A and 2B).
6. Disconnect the bulb wire from the red power wire.
7. Unsnap the hairpin retaining wires from the reflector's flange.

8. Using the screwdriver, loosen the retaining screw to remove the bulb from the reflector (no need to completely remove this screw).
9. Lift out the bulb and detach wire.
10. Insert the replacement bulb into the reflector's flange.
11. Put back and secure the hairpin retaining wires.
12. Connect the bulb power wire to the red power wire.
13. Tighten the retaining screw on the flange.
14. Place the reflector in position in the body of the spotlight.
15. Replace the rubber "O" ring in the groove around the perimeter of the reflector.
16. Replace glass and retaining ring so that the screw holes are aligned.
17. Secure retaining ring with two screws.
18. Replace the rubber bezel
19. Depress the Trigger Switch to ensure proper operation of spotlight.

⚠ CAUTION

To reduce the risk of electric shock only replace bulb with 55 watt 6 volt H3 bulb only.

Figures 2A & 2B



Battery Replacement/Disposal

Battery Replacement

Battery should last the service life of the unit. Contact Technical Support at (800) 618-5178 for any information you may need.

Safe Battery Disposal

Contains a maintenance-free, sealed, non-spillable, lead acid battery, which must be disposed of properly. Recycling is required — contact your local authority for information. Failure to comply with local, state and federal regulations can result in fines or imprisonment. For more information on recycling this battery, call toll-free (877) 288-7722.



**CONTAINS SEALED,
NON-SPILLABLE BATTERY**

⚠ WARNINGS

Do not dispose of the battery in fire, as this may result in an explosion.

Before disposing of the battery, protect exposed terminals with heavy-duty electrical tape to prevent shorting (shorting can result in injury or fire).

Do not expose battery to fire or intense heat, as it may explode.

DC Plug Fuse Replacement

The fuse in the DC plug protects the charging circuit of the DC recharge adapter. If the AC recharger operates but the DC charging adapter does not, then the fuse may be opened.

To replace the fuse:

1. Unscrew the end cap of the DC plug (counterclockwise).
2. Remove spring center contact and fuse.
3. Check fuse with a continuity checker.
4. If blown, locate replacement fuse with same type and rating.
5. Replace the fuse, spring, contact and end cap.
6. Screw end cap clockwise until it is finger tight – DO NOT OVER-TIGHTEN.
7. Check for proper operation of DC charger adapter.

TROUBLESHOOTING

No red charge light

If the red LED does not turn on when charging, do the following:

- A) Check for bad connection to the spotlight recharge port
- B) Check for bad connection to AC or DC adapters
- C) Confirm there is a functioning AC or DC current

Operating Issues

1. When charging, spotlight will not operate. Be sure spotlight charge port is disconnected before main beam usage.
2. If trigger can't be fully depressed, check to see if trigger switch is locked. If it is, release the trigger lock.
3. If unit does not operate, battery may be completely discharged. Charge unit using AC adapter following the directions in the manual.
4. If you suspect a bulb is blown, check bulb filament. If the filament is coiled and unbroken, the bulb is not blown. If the filament is blown, replace the bulb.

SPECIFICATIONS

Spotlight Bulb:	6 volt, H3 series, 55 watt
Battery:	Maintenance-free, sealed lead acid, 6 volt, 3 amp hour
AC Charger:	UL Listed Class 2, 12 volt DC (300 mA)
DC Plug Fuse:	0.5A/250 V
Weight:	2.8 lbs. (1.5Kg)
Length:	8.25 inches
Width:	4 inches
Height:	7.75 inches