

Black and Decker BDV158-QW, VEC158BD

Black and Decker V3 Rechargeable Spotlight User Manual

Models: BDV158-QW, VEC158BD

1. INTRODUCTION

Thank you for choosing the Black and Decker V3 Rechargeable Spotlight. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your spotlight. Please read these instructions thoroughly before first use and retain them for future reference. This manual applies to models BDV158-QW and VEC158BD.

2. SAFETY INFORMATION

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- **Eye Safety:** Do not stare directly into the spotlight beam. The intense light can cause temporary vision impairment or permanent eye damage.
- **Heat Warning:** The quartz halogen bulb generates significant heat. Avoid touching the lens or surrounding area immediately after use. Allow the unit to cool before handling.
- **Battery Safety:** This unit contains a sealed lead-acid battery. Do not incinerate the battery or expose it to high temperatures, as it may explode. Do not short-circuit the battery terminals. Dispose of batteries responsibly according to local regulations.
- **Charging:** Use only the provided AC household and DC vehicle adapters for charging. Do not attempt to charge with other chargers.
- **Water Resistance:** The housing is water-resistant, designed to withstand splashes. It is not waterproof and should not be submerged in water.
- **Children:** Keep the spotlight out of reach of children. This is not a toy.
- **Repairs:** Do not attempt to disassemble or repair the unit yourself. Refer all servicing to qualified personnel.

3. PRODUCT OVERVIEW

The Black and Decker V3 Rechargeable Spotlight is designed for various applications, including emergencies, outdoor activities, and general utility. Its robust construction and powerful illumination make it a versatile tool.



This image displays the Black and Decker V3 Rechargeable Spotlight. It features a prominent orange body with black accents, a large reflective lens at the front, and a comfortable pistol-grip handle with a trigger-style switch. A sturdy black handle is positioned on top for carrying. The base of the unit, also orange and black, houses the rechargeable battery.

Key Features:

- **Quartz Halogen Bulb:** Delivers a bright and focused beam.
- **Rubber Backed Pistol Grip:** Provides balance and comfort during use.
- **Rugged Water-Resistant Housing:** Ensures durability in various environments.
- **3 LED Battery Status Indicator:** Shows the current charge level.
- **AC Household and DC Vehicle Adapters:** Allows convenient charging from home or vehicle.
- **12 Volt 6 Ah Rechargeable Lead-Acid Battery:** Provides approximately 30 minutes of continuous use per charge.
- **12 Volt DC Power Outlet:** Powers or recharges other DC appliances.
- **Single or Twin Beam Options:** Conserves battery charge when less light is needed.
- **2 Ultra-Bright LED Work Area Lights:** Provides additional illumination for extended run time.

4. SETUP

Initial Charging:

Before first use, fully charge the spotlight for at least 10-12 hours. This ensures optimal battery performance and longevity.

1. **Using AC Adapter:** Plug the AC adapter into a standard household electrical outlet (120V AC). Connect the other end of the adapter to the charging port on the spotlight.
2. **Using DC Adapter:** Plug the DC adapter into your vehicle's 12V accessory outlet. Connect the other end of the adapter to the charging port on the spotlight.

The 3 LED battery status indicator will show the charging progress. Ensure the unit is fully charged before disconnecting.

5. OPERATING INSTRUCTIONS

Turning On/Off the Spotlight:

Locate the trigger-style switch on the pistol grip handle. Press the switch to activate the main spotlight beam. Release the switch to turn it off.

Using Single or Twin Beam Options:

Some models offer a switch to select between single or twin beam modes. This feature allows you to adjust the light output and conserve battery life. Consult your specific model for the location and operation of this switch.

Using the 2 Ultra-Bright LED Work Area Lights:

For extended run time and broader illumination, activate the integrated LED work lights. A separate switch, typically located near the main lens or on the side of the housing, controls these lights. Refer to your unit for the exact switch location.

Using the 12 Volt DC Power Outlet:

The spotlight features a 12V DC power outlet, allowing you to power or recharge other compatible DC appliances such as mobile phones. Open the protective cover over the outlet and plug in your device's 12V adapter. Ensure the spotlight has sufficient charge to power external devices.

6. MAINTENANCE

Cleaning:

Wipe the spotlight's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the housing. Ensure the unit is dry before storing or recharging.

Battery Care:

To maximize battery life, recharge the spotlight after each use. If storing the unit for an extended period, recharge it every 3-6 months to prevent deep discharge, which can permanently damage the battery.

Bulb Replacement:

The quartz halogen bulb is user-replaceable. If the main beam weakens or fails, consult the manufacturer's guidelines or a qualified technician for bulb replacement instructions and compatible bulb types.

7. TROUBLESHOOTING

- **Spotlight Not Turning On:**
 - Ensure the battery is fully charged.
 - Check if the main bulb is securely seated or needs replacement.
- **Short Run Time:**
 - Confirm the battery is fully charged before use.
 - Battery capacity may decrease over time. Consider battery replacement if run time significantly diminishes.
- **12V DC Power Outlet Not Working:**
 - Ensure the spotlight has sufficient charge.
 - Verify the external device is compatible with a 12V DC power source and its adapter is functioning correctly.

8. SPECIFICATIONS

Feature	Specification
Brand	Black and Decker
Model Numbers	BDV158-QW, VEC158BD
Light Source Type	Halogen
Brightness	3,000,000 candela (37710 Lumens)
Power Source	Battery Powered
Battery Type	12 Volt 6 Ah Rechargeable Lead-Acid Sealed Battery
Continuous Use Per Charge	Approximately 30 minutes
Special Features	Rechargeable, 12V DC Power Outlet, 2 Ultra-Bright LED Work Area Lights, Single/Twin Beam Options
Material	ABS (High Impact)

Water Resistance Level	Water-resistant
Color	Black and Orange
Included Components	Battery, Bulb
Package Dimensions	18.5 x 8.66 x 3.94 cm
Weight	3.82 g (Note: This weight seems unusually low for a spotlight with a lead-acid battery. Please verify with product packaging.)

9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or contact Black and Decker customer support directly. Keep your purchase receipt as proof of purchase for any warranty claims.

For technical assistance or service inquiries, please visit the official Black and Decker website or contact their customer service department.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

