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› CUSHYBITE RY40PH01K-RYEDG 40V Cordless Powerhead and Edger Attachment User Manual

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1. PRODUCT OVERVIEW

The CUSHYBITE RY40PH01K-RYEDG system provides a versatile solution for lawn care, combining a 40V cordless powerhead with an edger attachment. This system is designed to offer performance comparable to 25cc gas-powered tools, eliminating the need for fuel and reducing maintenance. The powerhead is attachment-capable, allowing it to be used with various EXPAND-IT and other universal attachments. The edger attachment is specifically designed for precise edging along sidewalks and driveways, featuring a rear wheel for stability, a blade indicator for accuracy, and adjustable depth settings.



Figure 1.1: The CUSHYBITE RY40PH01K-RYEDG kit, including the 40V powerhead, edger attachment, 4.0 Ah battery, and charger.

2. SAFETY INFORMATION

Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep the work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection, hearing protection, and appropriate footwear. Dress properly; avoid loose clothing or jewelry. Secure long hair.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any parts are missing or damaged, contact

CUSHYBITE customer service.

- 40V Attachment Capable Powerhead
- EXPAND-IT 8-inch Edger Attachment
- 40V 4.0 Ah Lithium-Ion Battery
- 40V Battery Charger
- Front Handle
- Operator Manuals

4. ASSEMBLY AND SETUP

4.1 Attaching the Edger to the Powerhead

1. Ensure the powerhead is turned off and the battery is removed.
2. Align the shaft of the edger attachment with the coupler on the powerhead.
3. Push the attachment shaft into the coupler until it clicks into place.
4. Tighten the coupler knob securely to prevent the attachment from rotating during operation.



Figure 4.1: Illustrates the process of connecting the edger attachment to the powerhead.

4.2 Charging the Battery

1. Connect the charger to a standard electrical outlet.
2. Slide the 40V battery pack into the charger until it is fully seated.
3. The indicator light on the charger will show the charging status. Refer to the charger manual for specific light patterns.
4. Once fully charged, remove the battery from the charger.

5. OPERATION

5.1 General Powerhead Operation

1. Ensure the battery is fully charged and securely inserted into the powerhead.
2. Grip the powerhead firmly with both hands, one on the main handle and one on the front assist handle.
3. Press the trigger to start the tool. The variable speed trigger allows for precise control over the power output.
4. Release the trigger to stop the tool.

5.2 Edger Attachment Operation

The edger attachment is designed for creating clean, defined edges along lawns, sidewalks, and driveways.

1. **Adjusting Depth:** The edger features adjustable depth settings from 0.5 to 2.25 inches. Locate the depth adjustment mechanism on the edger and set it to your desired depth.
2. **Starting the Edge:** Position the edger blade over the desired cutting line. The rear wheel provides stability and helps maintain a consistent depth.
3. **Edging Technique:** Slowly guide the edger along the edge, allowing the blade to cut through the grass and soil. The blade indicator helps ensure accuracy. Maintain a steady pace for a clean cut.
4. **Open Guard Design:** The open guard design helps prevent debris buildup, ensuring continuous operation.



Figure 5.1: The edger attachment in action, demonstrating its ability to create a clean line along a paved surface.



Figure 5.2: A user operating the edger attachment to maintain a neat appearance along a property's edge.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your tool.

- **Cleaning:** After each use, remove the battery and clean the tool with a dry cloth. Remove any grass, dirt, or debris from the edger blade and guard.
- **Blade Inspection:** Regularly inspect the edger blade for wear, damage, or dullness. A dull blade can reduce cutting efficiency and strain the motor. Replace the blade as needed. The spindle lock feature allows for quick and easy blade changes.
- **Battery Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Do not store batteries in a discharged state for extended periods.
- **General Inspection:** Periodically check all fasteners for tightness. Ensure all guards and safety features are in place and functioning correctly.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

- **Tool Does Not Start:**

- Ensure the battery is fully charged and properly inserted.
- Check if the trigger is fully depressed.
- Verify that the attachment is securely connected to the powerhead.
- **Poor Edging Performance:**
 - Check the edger blade for dullness or damage and replace if necessary.
 - Ensure the depth adjustment is set correctly for the task.
 - Clean any debris from the blade guard.
- **Excessive Vibration:**
 - Inspect the edger blade for damage or imbalance.
 - Ensure all connections are tight.

8. SPECIFICATIONS

Feature	Specification
Manufacturer	CUSHYBITE
Model Number	RY40PH01K-RYEDG
Power Source	40V Lithium-Ion Battery
Edger Blade Diameter	8 inches
Edging Depth Adjustment	0.5 to 2.25 inches
Compatibility	EXPAND-IT and most attachment-capable systems
First Available	January 25, 2025

9. WARRANTY AND SUPPORT

The CUSHYBITE RY40PH01K-RYEDG system is backed by a comprehensive warranty to ensure your peace of mind.

- **Tool Warranty:** 5-year limited warranty on the powerhead and edger attachment.
- **Battery Warranty:** 3-year limited warranty on the 40V battery.

For warranty claims, technical support, or to purchase replacement parts, please contact CUSHYBITE customer service. Refer to the contact information provided in your product packaging or visit the official CUSHYBITE website.