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RYOBI RY40610A

Ryobi 40-Volt Cordless Hedge Trimmer 24-inch User Manual

Model: RY40610A

Introduction Safety Contents Setup Operation Maintenance Troubleshooting Specifications Warranty

1. Introduction

Thank you for choosing the Ryobi 40-Volt Cordless Hedge Trimmer. This manual provides essential information for the safe and efficient operation, maintenance, and care of your new tool. Please read it thoroughly before first use and keep it for future reference.

This 24-inch cordless hedge trimmer is designed for trimming hedges, shrubs, and bushes. It features dual-action blades for reduced vibration and a wrap-around handle for enhanced control. The included Hedge Sweep attachment helps clear clippings during operation.



Image 1.1: The Ryobi 40-Volt Cordless Hedge Trimmer, including the 40V Lithium-Ion battery and charger.

2. Important Safety Information

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating power tools. Read and understand all instructions.

General Safety Rules:

- **Wear Eye Protection:** Always wear safety glasses or goggles with side shields.
- **Wear Hearing Protection:** Use earplugs or earmuffs during operation.
- **Dress Properly:** Do not wear loose clothing or jewelry. Wear heavy-duty gloves, long pants, and non-slip footwear.
- **Keep Work Area Clear:** Remove all objects such as rocks, broken glass, nails, wire, or string that can be thrown or become entangled in the cutting blades.
- **Keep Children Away:** Do not allow children or untrained individuals to operate this tool.
- **Avoid Dangerous Environments:** Do not use in damp or wet locations. Do not use in rain.
- **Maintain Firm Grip:** Always hold the hedge trimmer with both hands.
- **Inspect Before Use:** Check for damaged parts, loose screws, or any other condition that may affect operation.
- **Remove Battery When Not In Use:** Always remove the battery pack from the trimmer when assembling, adjusting, cleaning, or when the tool is not in use.

Battery and Charger Safety:

- Use only the specified battery pack (OP4026) and charger (OP400) with this tool.
- Do not charge the battery in wet or damp conditions.

- Do not incinerate the battery pack, even if it is severely damaged or completely worn out.

3. Package Contents

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

- Ryobi 40-Volt Cordless Hedge Trimmer (24-inch)
- OP4026 40V Lithium-Ion Battery
- OP400 Lithium-Ion Charger
- Hedge Sweep Attachment
- Operator's Manuals (this document)

4. Setup and Assembly

4.1. Charging the Battery

1. Connect the OP400 Lithium-Ion Charger to a standard 120V AC outlet.
2. Slide the OP4026 40V Lithium-Ion Battery into the charger until it clicks into place.
3. Allow the battery to charge fully. The indicator lights on the charger will show the charging status. Refer to the charger's manual for detailed light indications.
4. Once fully charged, remove the battery from the charger.

4.2. Installing the Battery

1. Ensure the hedge trimmer is turned off and the trigger is not engaged.
2. Align the charged battery pack with the battery port on the trimmer.
3. Slide the battery into the port until it locks securely into place. Ensure it is fully seated to prevent accidental dislodgement during operation.



Image 4.2.1: The 40V Lithium-Ion battery properly installed in the hedge trimmer, showing the battery indicator lights.

4.3. Attaching the Hedge Sweep

1. Locate the Hedge Sweep attachment.
2. Align the attachment with the designated slots on the trimmer blade.
3. Slide the Hedge Sweep onto the blade until it clicks or secures firmly. This attachment helps clear clippings from the top of hedges as you trim.

5. Operating Instructions

5.1. Starting and Stopping the Trimmer

1. **To Start:** Ensure the battery is fully charged and properly installed. Grip the main handle and the wrap-around handle firmly. Press and hold the safety switch (usually located on the handle) with one hand, then squeeze the trigger with the other. The blades will begin to move.

2. **To Stop:** Release the trigger. The blades will stop. Always remove the battery when not actively trimming or when moving between work areas.



Image 5.1.1: Detail of the ergonomic wrap-around handle, showing the safety switch and main trigger for operation.

5.2. Trimming Techniques

- **General Trimming:** Hold the trimmer firmly with both hands. Use a sweeping motion to cut through branches. The dual-action blades are designed for efficient cutting and reduced vibration.
- **Vertical Trimming:** For the sides of hedges, hold the trimmer vertically and sweep upwards or downwards, maintaining control. The wrap-around handle provides flexibility for various cutting angles.
- **Horizontal Trimming:** For the tops of hedges, hold the trimmer horizontally and move it steadily across the surface.
- **Hedge Sweep Function:** When the Hedge Sweep attachment is installed, it will help push clippings away from the cutting area, providing a clearer view and reducing cleanup.
- **Avoid Overloading:** Do not force the trimmer through thick branches. If the blades bind, release the trigger immediately and remove the battery before clearing the obstruction.



Image 5.2.1: The 24-inch dual-action hardened steel blades, designed for efficient and smooth cutting.

6. Maintenance

Regular maintenance ensures optimal performance and extends the life of your hedge trimmer. Always remove the battery pack before performing any maintenance.

6.1. Cleaning the Blades

- After each use, carefully clean the blades with a stiff brush to remove sap, leaves, and debris.
- Apply a light coat of machine oil or blade lubricant to the blades to prevent rust and ensure smooth operation.
- Inspect blades for damage or dullness. Sharpen or replace blades as needed by a qualified service technician.

6.2. General Cleaning

- Wipe down the exterior of the trimmer with a clean, damp cloth. Do not use strong detergents or solvents.
- Keep air vents clear of debris to prevent overheating.

6.3. Storage

- Store the hedge trimmer in a dry, secure location, out of reach of children.
- Remove the battery pack before storing for extended periods.

- Store the battery pack in a cool, dry place, away from direct sunlight and extreme temperatures.

7. Troubleshooting

This section addresses common issues you might encounter. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Trimmer does not start	Battery not charged or improperly installed. Safety switch not engaged.	Ensure battery is fully charged and securely installed. Press and hold the safety switch while squeezing the trigger.
Reduced cutting performance	Dull or dirty blades. Overloading the trimmer.	Clean and lubricate blades. Avoid cutting branches thicker than recommended. Sharpen or replace blades if necessary.
Excessive vibration	Damaged blades. Loose components.	Inspect blades for damage. Ensure all fasteners are tight. If vibration persists, discontinue use and seek professional service.
Battery not charging	Charger not plugged in. Faulty battery or charger.	Verify charger is properly plugged into a working outlet. Try a different outlet. If problem persists, contact customer service for battery/charger replacement.

8. Specifications

Feature	Detail
Brand	RYOBI
Model Number	RY40610A
Power Source	Battery Powered (40 Volts)
Blade Length	24 Inches
Blade Material	Dual-Action Hardened Steel
Item Weight	9.1 Pounds
Product Dimensions	40.2 x 5.8 x 13 inches
Battery Type	Lithium-Ion (OP4026)
Charger Type	Lithium-Ion (OP400)
UPC	046396005472

9. Warranty and Support

For warranty information, please refer to the warranty card included with your product or visit the official Ryobi website. Keep your proof of purchase for warranty claims.

For technical support, replacement parts, or service inquiries, please contact Ryobi customer service. Contact details can typically be found on the manufacturer's website or in the product packaging.

Online Resources: For additional information, FAQs, and product registration, visitwww.ryobitools.com.

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