

RYOBI RY40640

RYOBI 40V HP Brushless 26-inch Cordless Hedge Trimmer User Manual

Model: RY40640

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your RYOBI 40V HP Brushless 26-inch Cordless Hedge Trimmer. Please read all instructions carefully before use to ensure optimal performance and user safety. This hedge trimmer features a premium HP brushless motor for enhanced power and runtime, a 26-inch dual-action steel blade with a 1-inch cutting capacity, a rotating rear handle, and a HEDGESWEEP design for efficient debris clearing.

SAFETY INFORMATION

WARNING: 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.

- Always wear eye protection with side shields and hearing protection when operating the hedge trimmer.
- Wear heavy-duty gloves, long pants, and sturdy footwear. Do not wear loose clothing or jewelry that could get caught in moving parts.
- Keep all bystanders, children, and pets at least 50 feet (15 meters) away from the work area.
- Inspect the hedge trimmer before each use for damaged parts, loose fasteners, or any other condition that may affect its safe operation.
- Ensure the battery pack is fully charged before beginning work.
- Never operate the hedge trimmer in wet conditions or in the presence of flammable liquids or gases.
- Always remove the battery pack before making any adjustments, changing accessories, or storing the tool.
- Hold the hedge trimmer firmly with both hands during operation.
- Do not overreach. Maintain proper footing and balance at all times.

PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- RYOBI 40V HP Brushless 26-inch Cordless Hedge Trimmer
- 40V 2.0 Ah Lithium-Ion Battery
- 40V Battery Charger
- Blade Sheath
- Operator's Manual (this document)

SETUP

1. Battery Charging

Before first use, fully charge the 40V 2.0 Ah Lithium-Ion Battery.

1. Connect the charger to a standard 120V AC outlet. The charger indicator light will illuminate.
2. Slide the battery pack onto the charger until it clicks into place. The charging indicator light will show the charging status.
3. Allow the battery to charge completely. Refer to the charger's specific instructions for charging times and indicator light meanings.
4. Once charged, remove the battery from the charger.

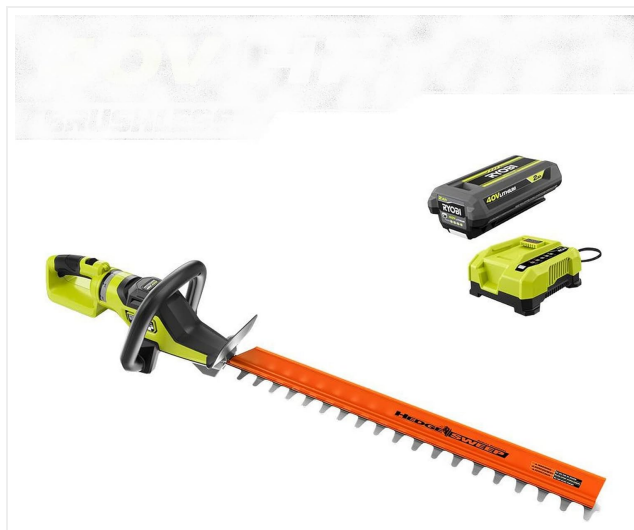


Image: The RYOBI 40V HP Brushless 26-inch Cordless Hedge Trimmer, alongside its 40V 2.0 Ah battery and charger. This illustrates the complete kit, ready for assembly and charging.

2. Battery Installation

Ensure the hedge trimmer is turned off and the blade sheath is in place before installing the battery.

1. Align the ribs on the battery pack with the grooves in the trimmer's battery port.
2. Slide the battery pack into the trimmer until it locks securely into place. Ensure it is fully seated.
3. To remove the battery, press the battery release latch and pull the battery pack out.

OPERATING INSTRUCTIONS

1. Controls Overview

- **Front Handle:** Provides a secure grip and houses a safety switch.
- **Rear Handle (Rotating):** Allows for precision cutting at various angles. Features a trigger switch and a safety lock-out button.
- **Blade:** 26-inch dual-action steel blades for efficient cutting.
- **HEDGESWEEP:** Integrated design to clear clippings during operation.

2. Starting and Stopping

1. **To Start:** Ensure the blade sheath is removed. Grasp the front handle and the rear handle firmly. Press and hold the safety lock-out button on the rear handle, then squeeze the trigger switch. The trimmer will start.
2. **To Stop:** Release the trigger switch. The blades will stop.

3. Trimming Techniques

Always plan your cut before starting. Work from the bottom of the hedge upwards for sides, and from one end to the other for the top.

- **Side Trimming:** Hold the trimmer with both hands, keeping the blades parallel to the hedge. Use a sweeping motion, moving the trimmer along the hedge.
- **Top Trimming:** For flat tops, hold the trimmer level and sweep across the top of the hedge. The rotating rear handle can be adjusted for comfortable overhead cutting.
- **Cutting Capacity:** The trimmer can cut branches up to 1 inch in diameter. Do not force the blades through thicker branches.
- **HEDGESWEEP:** The integrated HEDGESWEEP feature will help clear debris as you trim, improving visibility and efficiency.



Image: A person demonstrating the use of the RYOBI 40V HP Brushless 26-inch Cordless Hedge Trimmer to trim the top of a green bush. This shows the trimmer in action, highlighting its ergonomic design and cutting capability.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your hedge trimmer.

1. Cleaning

- Always remove the battery pack before cleaning.
- Use a clean, damp cloth to wipe down the exterior of the trimmer.
- Remove any debris, leaves, or sap from the blades using a stiff brush or a wooden stick.
- Do not use solvents or harsh chemicals, as they can damage plastic parts.

2. Blade Care

- After each use, clean the blades thoroughly.
- Apply a light coat of machine oil or blade lubricant to the blades to prevent rust and ensure smooth operation.
- If the blades become dull or damaged, they should be sharpened or replaced by a qualified service technician.
- Always store the trimmer with the blade sheath securely in place.

3. Storage

- Remove the battery pack before storing the trimmer.
- Store the hedge trimmer in a dry, well-ventilated area, out of reach of children.
- Ensure the blade sheath is on the blades to prevent accidental injury and protect the blades.
- Store the battery pack separately in a cool, dry place, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Trimmer does not start	Battery not installed correctly Battery not charged Safety lock-out not engaged Trigger not squeezed fully	Ensure battery is fully seated Charge battery fully Press and hold safety lock-out button Squeeze trigger completely
Reduced cutting performance	Dull or damaged blades Debris caught in blades Attempting to cut branches too thick	Clean and lubricate blades; sharpen or replace if necessary Remove debris (with battery removed) Cut within specified capacity (1 inch)
Trimmer stops during operation	Battery charge low Overload protection activated	Recharge battery Reduce load; allow tool to cool down before resuming
Excessive vibration	Damaged or bent blades Loose components	Inspect blades for damage; replace if necessary Check for loose screws or parts; tighten as needed

SPECIFICATIONS

Feature	Detail
Model Number	RY40640
Brand	RYOBI
Power Source	40V Lithium-Ion Battery

Feature	Detail
Motor Type	HP Brushless
Blade Length	26 inches
Blade Type	Dual-Action Steel
Cutting Capacity	1 inch
Strokes Per Minute (SPM)	3000
Product Dimensions (L x W x H)	47" x 10" x 9"
Item Weight	13.97 pounds
Blade Material	Alloy Steel
UPC	737669728708

WARRANTY AND SUPPORT

RYOBI power tools are engineered for durability and performance. This product is covered by a manufacturer's warranty against defects in materials and workmanship. For specific warranty terms, registration, or to locate an authorized service center, please refer to the warranty card included with your product or visit the official RYOBI website.

For technical assistance or customer support, please contact RYOBI customer service. Keep your purchase receipt and product model number (RY40640) readily available when contacting support.