RYOBI OHT1845

Ryobi OHT1845 18V ONE+ Cordless 45cm Hedge Trimmer User Manual

1. Introduction

Thank you for choosing the Ryobi OHT1845 18V ONE+ Cordless 45cm Hedge Trimmer. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before use and keep it for future reference.

The Ryobi OHT1845 is designed for trimming hedges, shrubs, and small plants. It is part of the Ryobi ONE+ system, allowing you to use the same 18V battery across a wide range of Ryobi tools (battery and charger sold separately).



Image 1.1: Ryobi OHT1845 18V ONE+ Cordless 45cm Hedge Trimmer (tool only).

2. Safety Information

WARNING: Read 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.

2.1 General Power Tool Safety

- **Work Area Safety:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents. 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 (e.g., pipes, radiators, ranges, refrigerators). There is an increased risk of electric shock if your body is earthed or grounded.
- **Personal Safety:** Always wear eye protection, hearing protection, and appropriate clothing. Do not overreach. Maintain proper footing and balance at all times. Stay alert, watch what you are doing, and use common sense when operating a power tool.

2.2 Hedge Trimmer Specific Safety

- Keep all parts of the body away from the cutter blade. Do not attempt to remove cut material or hold material to be cut when blades are moving.
- Carry the hedge trimmer by the handle with the cutter blade stopped and taking care not to operate any power switch.
- Before use, inspect the hedge for foreign objects such as wires or other debris that could damage the blade or cause injury.
- Always ensure the blade guard is in place when the tool is not in use or during transport.
- Do not operate the hedge trimmer in wet conditions or rain.

3. Components Overview

Familiarize yourself with the main components of your Ryobi OHT1845 hedge trimmer:

- **Cutter Blade:** 45cm diamond-sharpened, dual-action blades for efficient cutting.
- **Front Handle:** Ergonomic design for a firm and comfortable grip in various working positions.
- **Rear Handle:** Features a wide throttle trigger for excellent machine control.
- **Blade Guard:** Translucent protective sheath for safety and visibility.
- **Battery Compartment:** Located at the rear, designed for Ryobi 18V ONE+ batteries.

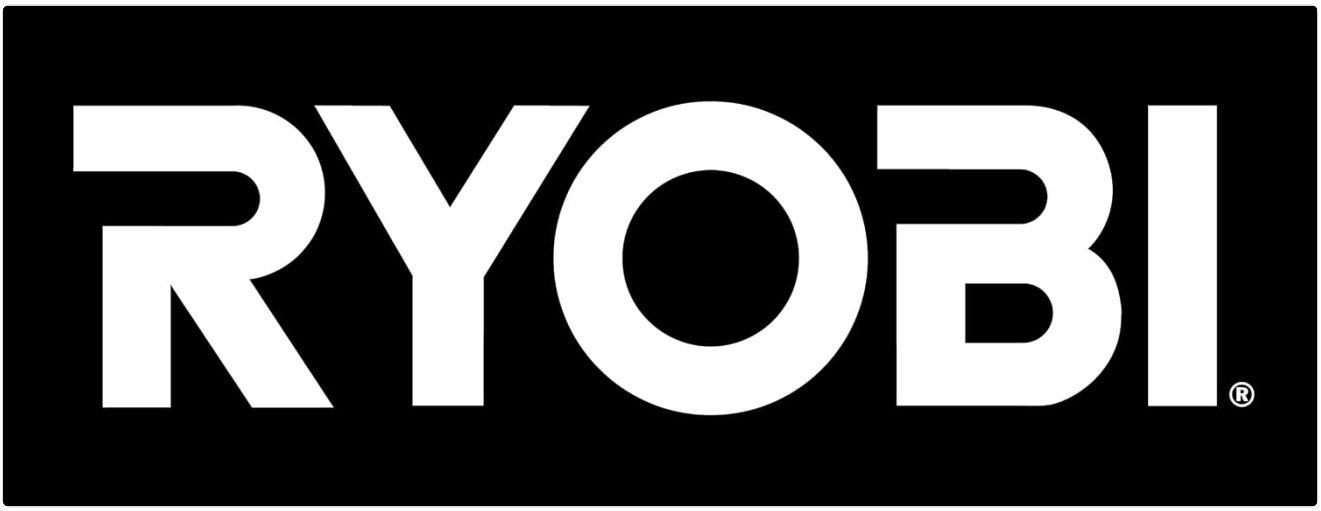


Image 3.1: Close-up view of the ergonomic handle and trigger mechanism.

4. Setup

4.1 Battery Installation

1. Ensure the hedge trimmer is switched off and the blade is stationary.

2. Align the 18V ONE+ battery (sold separately) with the battery compartment at the rear of the tool.
3. Slide the battery into the compartment until it clicks securely into place. Ensure it is fully seated to prevent accidental dislodgement during operation.
4. To remove the battery, press the release latches on the battery pack and slide it out.

4.2 Blade Guard

The hedge trimmer comes with a protective sheath for the blade. Always ensure this sheath is in place when the tool is not in use, during storage, or when transporting the tool. Remove the sheath before operating the hedge trimmer.

5. Operating Instructions

Before operating, ensure you have read and understood all safety instructions. Wear appropriate personal protective equipment, including safety glasses, gloves, and sturdy footwear.

5.1 Starting and Stopping

- **To Start:** Hold the hedge trimmer firmly with both hands. Depress the safety switch (if present) and then squeeze the throttle trigger. The blades will begin to move.
- **To Stop:** Release the throttle trigger. The blades will stop. Always wait for the blades to come to a complete stop before setting the tool down.

5.2 Cutting Techniques

The Ryobi OHT1845 is ideal for cutting young hedges, thin twigs, small plants, and ornamental shaping. Its 45cm blade length and 18mm cutting capacity allow for efficient work.

- **Horizontal Cutting:** For the top of hedges, hold the trimmer level and sweep it across the top in an arc.
- **Vertical Cutting:** For the sides of hedges, hold the trimmer vertically and sweep it upwards or downwards, maintaining a slight angle for a clean finish.
- **Ergonomic Handles:** The ergonomic front and rear handles are designed for comfortable use in various positions, reducing fatigue during extended operation.



Image 5.1: User demonstrating horizontal cutting technique with the Ryobi OHT1845.



Image 5.2: User demonstrating vertical cutting technique with the Ryobi OHT1845.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your hedge trimmer.

6.1 Blade Care

- **Cleaning:** After each use, ensure the battery is removed. Use a stiff brush to remove sap, leaves, and debris from the blades. A damp cloth can be used for stubborn residue, followed by thorough drying.
- **Lubrication:** Apply a light machine oil or blade lubricant to the blades after cleaning to prevent rust and ensure smooth operation.
- **Sharpening:** The diamond-sharpened, dual-action blades are designed for durability. If the cutting performance diminishes, the blades may require professional sharpening or replacement. Refer to a qualified service center.

6.2 General Cleaning and Storage

- Wipe down the tool's housing with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Store the hedge trimmer in a dry, secure location, out of reach of children. Always ensure the protective blade sheath is in place during storage.
- Store the battery separately in a cool, dry place, away from direct sunlight and extreme temperatures.

7. Troubleshooting

If you encounter issues with your hedge trimmer, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Tool does not start	Battery not inserted correctly or discharged. Safety switch not engaged.	Ensure battery is fully charged and properly seated. Engage safety switch before pressing trigger.
Poor cutting performance	Blades are dull or dirty. Overloading the tool.	Clean and lubricate blades. Sharpen or replace blades if necessary. Do not attempt to cut branches thicker than 18mm.
Excessive vibration	Damaged blades or loose components.	Inspect blades for damage. Ensure all fasteners are tight. If problem persists, seek professional service.

If these steps do not resolve the issue, please contact Ryobi customer support or an authorized service center.

8. Specifications

Feature	Specification
Model Number	OHT1845
Power Source	18V Battery Powered (Ryobi ONE+ system)
Blade Length	45 cm

Feature	Specification
Cutting Capacity	18 mm
Blade Speed	2700 cuts per minute (cp/min)
Blade Type	Diamond Sharpened Dual Action
Weight (without battery)	2.5 kg
Product Dimensions	93L x 260W x 180H Centimetres
Material	High Carbon Steel (Blade)

9. Warranty and Support

Ryobi tools are built to last, and this product comes with a comprehensive warranty.

9.1 Warranty Information

All Ryobi tools and batteries are guaranteed for a total of**24 months** from the date of purchase. An extended warranty of one additional year is offered if the consumer registers their product within 30 days of the purchase date. This extends the total warranty period to **3 years**.

To register your product and activate the extended warranty, please visit the official Ryobi website. The registration confirmation and the original invoice indicating the date of purchase will serve as proof of warranty extension.

9.2 Customer Support

For technical assistance, spare parts, or warranty claims, please contact Ryobi customer support or visit your nearest authorized service center. Contact details can typically be found on the official Ryobi website or in the product packaging.

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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.

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