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RYOBI 5133005963

RYOBI 18V ONE+™ Edger User Manual

Model: RLT183220S (5133005963)

Introduction

Thank you for choosing the RYOBI 18V ONE+™ Edger. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new tool. Please read it thoroughly before use and keep it for future reference. The RYOBI ONE+™ concept allows you to power this electric edger and over 200 other DIY and gardening devices with the same 18V battery. This product includes a 2.0 Ah battery and charger, enabling you to start your tasks immediately.

Important Safety Information

Always wear eye protection and other appropriate safety gear when using this product. Be aware of potential flying debris and keep bystanders at a safe distance.
Before operating the edger, ensure you are familiar with all controls and safety features. Keep hands and feet away from the cutting line. Do not operate in wet conditions or near flammable liquids or gases.

Product Overview

The RYOBI 18V ONE+™ Edger is designed for efficient lawn care, brush cutting, and precise edging. Its lightweight and ergonomic design ensures comfortable use.





Figure 1: The RYOBI 18V ONE+ Edger, shown with the included 2.0 Ah battery and charger. This image displays the full product assembly.

Key Features:

- **18V ONE+™ Concept:** Utilizes the same 18V battery across a wide range of tools.
- **Vertebrae Design:** Adjustable front handle and telescopic tube (24 cm) for user comfort and adaptability.

- **Edging Feature:** Head rotates for easy transition to edging mode, ensuring flawless finishes.
- **Adjustable Cutting Head:** Tilts to 3 positions for accessing difficult areas.
- **Automatic Line Feed:** Wire moves automatically by pressing the acceleration trigger.
- **Ergonomic Grip:** Micro-honeycomb handle with a wide acceleration trigger for control.

Setup and Assembly

The RYOBI 18V ONE+™ Edger requires minimal assembly. Follow these steps to prepare your tool for use:

1. **Unpacking:** Carefully remove all components from the packaging. Ensure all parts listed in the package contents are present: 1 x trimmer, 1 x 2.0 Ah battery, and 1 x charger.
2. **Handle Adjustment:** Adjust the front handle to a comfortable position. The telescopic tube can be extended or retracted to match your height and posture. Secure all locking mechanisms.
3. **Battery Charging:** Before first use, fully charge the 2.0 Ah Lithium-Ion battery using the provided charger. Refer to the charger's instructions for specific charging times and indicators.
4. **Battery Installation:** Once charged, slide the battery into the battery compartment on the edger until it clicks securely into place. Ensure it is firmly seated to prevent accidental dislodgement during operation.



Figure 2: Side view of the RYOBI 18V ONE+ Edger, illustrating the adjustable handle and telescopic shaft. This view helps in understanding the ergonomic adjustments.



Figure 3: The RYOBI 18V ONE+ 2.0 Ah battery and IntelliPort charger. This image shows the components responsible for powering the tool.

Operating Instructions

General Operation:

1. **Pre-Operation Check:** Ensure the battery is fully charged and securely installed. Inspect the cutting line for wear or damage. Clear the work area of any debris or obstacles.
2. **Starting the Edger:** Hold the edger firmly with both hands. Press the safety lock-off button (if present) and then squeeze the acceleration trigger to start the motor. The cutting line will begin to spin.
3. **Cutting Technique:** Move the edger steadily across the area to be trimmed. Use a sweeping motion for even cutting. Avoid forcing the tool, allowing the line to do the work.
4. **Stopping the Edger:** Release the acceleration trigger to stop the motor. Wait for the cutting line to come to a complete stop before setting the tool down.

Edging Feature:

The edger head can be rotated to switch from trimming to edging mode for precise lawn edges.

1. **Engaging Edging Mode:** With the tool off and the battery removed, locate the head rotation mechanism. Rotate the cutting head 90 degrees to position it for vertical edging. Ensure it locks securely into place.
2. **Edging Technique:** Hold the edger so the cutting line is perpendicular to the ground. Guide the wheel along the edge of your lawn or pathway. Maintain a consistent speed for a clean, straight edge.
3. **Adjusting Cutting Head Angle:** The cutting head can be tilted to 3 positions to access difficult areas or achieve specific angles. Adjust as needed for your task.



Figure 4: A user demonstrating the RYOBI 18V ONE+ Edger in action, performing precise lawn edging. This illustrates the tool's primary function and ergonomic use.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your RYOBI Edger.

- **Cleaning:** After each use, remove the battery and clean the tool with a damp cloth. Remove any grass clippings, dirt, or debris from the cutting head, guard, and ventilation openings. Do not use solvents or abrasive cleaners.
- **Cutting Line Replacement:** When the cutting line becomes too short or breaks, replace it according to the instructions provided in the full product manual (not included here). Ensure you use the correct diameter and type of line.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not store fully discharged batteries for extended periods.
- **Storage:** Store the edger in a dry, secure location, out of reach of children. If storing for an extended period, remove the battery.

Troubleshooting

This section addresses common issues you might encounter with your RYOBI Edger.

Problem	Possible Cause	Solution
Edger does not start.	Battery not charged or improperly installed.	Ensure battery is fully charged and securely clicked into place.
Cutting line does not extend.	Line is jammed or too short.	Remove battery, clear any debris from the head, or replace the cutting line.
Reduced cutting performance.	Dull or worn cutting line; low battery charge.	Replace cutting line; recharge battery.

Specifications

Feature	Detail
Brand	RYOBI
Model Number	5133005963 (RLT183220S)
Power Source	Battery Powered (18V ONE+™)
Battery Included	1 x 2.0 Ah Lithium Ion
Cutting Width	30 Centimeters (25/30 cm)
Speed	5000 RPM
Item Weight	2.3 Kilograms (5.06 pounds)
Product Dimensions	40.94"L x 9.84"W
Assembly Required	Yes
Color	Green & Antracite
Recommended Uses	Lawn care, brush cutter, edging beds, slope stockings

Warranty and Support

RYOBI offers a comprehensive warranty for your peace of mind:

- All RYOBI tools and batteries are guaranteed for a total of**24 months**.
- An additional **one-year extended warranty** is offered if the consumer registers their product within 30 days of the date of purchase.
- The registration confirmation and the original invoice indicating the date of purchase will serve as proof of warranty extension.
- EU Spare Part Availability Duration: **5 Years**.

For support, warranty claims, or to register your product, please visit the official RYOBI website or contact their customer service. Keep your purchase receipt for warranty validation.

For more information, you can visit the RYOBI Brand Store on Amazon.

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