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RYOBI OLT1832

RYOBI OLT1832 ONE+ Cordless Grass Trimmer Instruction Manual

1. Important Safety Information

Always adhere to the following safety guidelines when operating the RYOBI OLT1832 ONE+ Cordless Grass Trimmer to prevent injury and ensure safe operation.

- Always wear appropriate personal protective equipment, including eye protection and sturdy footwear.
- Be aware of flying debris during operation, especially when edging.
- Keep the battery pack dry and away from water. Do not charge the battery in direct sunlight or near heat sources.
- Read and understand all instructions in this manual before using the trimmer.
- Ensure children and bystanders are kept at a safe distance from the operating area.
- Inspect the work area thoroughly for any foreign objects such as rocks, glass, or wire before starting the trimmer.

2. Product Overview

The RYOBI OLT1832 ONE+ Cordless Grass Trimmer is designed for efficient grass trimming and precise lawn edging. It features an adjustable cutting width, EasyEdge technology for quick mode changes, and a telescopic shaft for user comfort.





Figure 1: RYOBI OLT1832 ONE+ Cordless Grass Trimmer. This image displays the complete grass trimmer assembly, showcasing its ergonomic design and key components such as the motor head, telescopic shaft, auxiliary handle, and main handle with controls.

Key Features:

- Adjustable cutting width of 25-30 cm for versatile trimming tasks.
- EasyEdge technology for seamless transition between trimming and edging modes.

- Telescopic rod and adjustable auxiliary handle for enhanced user comfort and adaptability to different heights.
- 3-position cutting head adjustment to reach various angles and difficult areas.
- Part of the RYOBI 18V ONE+ battery system, offering compatibility with over 200+ power and garden tools (battery and charger sold separately).

3. Assembly and Setup

3.1 Unpacking

Carefully remove all components from the product packaging. Verify that all parts listed in the product manual are present and undamaged. Retain packaging materials for potential future storage or transport.

3.2 Handle Assembly

1. Attach the auxiliary handle to the main shaft. Secure it firmly in a position that provides comfortable and balanced operation.
2. Adjust the length of the telescopic shaft by loosening the collar, extending or retracting the shaft to your desired length, and then tightening the collar securely.

3.3 Battery Installation

The OLT1832 operates with an 18V ONE+ battery (not included). Ensure the battery is fully charged before initial use.

1. Align the fully charged 18V ONE+ battery pack with the battery port on the trimmer.
2. Slide the battery pack into the port until it clicks securely into place, indicating proper connection.
3. To remove the battery, press the release button located on the battery pack and slide it out of the port.

4. Operating Instructions

4.1 Starting and Stopping

1. Ensure the battery is correctly installed and fully charged.
2. Press and hold the safety lock-off button.
3. While holding the safety lock-off button, squeeze the trigger switch to start the trimmer.
4. Release the trigger switch to stop the trimmer.



Figure 2: Close-up of the EasyEdge control on the RYOBI OLT1832. This image highlights the switch mechanism for transitioning between trimming and edging modes, conveniently located near the main handle for easy access.

4.2 Adjusting Cutting Width

The cutting width of the trimmer can be adjusted between 25 cm and 30 cm to suit different tasks. Refer to the markings on the trimmer head for precise adjustment points.

4.3 EasyEdge Function

The EasyEdge feature allows for a quick and simple conversion from grass trimming to lawn edging mode.

1. Turn off the trimmer and remove the battery pack for safety.
2. Rotate the trimmer head 90 degrees to switch to the edging position.
3. Ensure the head locks securely in place before reinstalling the battery and resuming operation.



Figure 3: A man operating the RYOBI OLT1832 grass trimmer in a garden. This image demonstrates the trimmer in use for general grass cutting, illustrating the user's posture and the tool's effective reach.

4.4 Cutting Head Adjustment

The cutting head can be adjusted to 3 different positions, providing flexibility for various cutting angles. This is particularly useful for trimming under bushes, around obstacles, or in tight spaces.



Figure 4: A woman using the RYOBI OLT1832 for lawn edging along a pathway. This image clearly illustrates the trimmer in edging mode, showcasing its capability for precise edge definition and neat garden borders.

4.5 General Trimming Tips

- Hold the trimmer firmly with both hands for optimal control and stability.
- Maintain a steady pace and avoid forcing the trimmer through dense or thick vegetation.
- Operate the trimmer using a sweeping motion, moving from side to side across the area to be trimmed.
- For best results and to prevent clogging, trim grass when it is dry.



Figure 5: A man using the RYOBI OLT1832 to trim grass along a building wall. This image demonstrates the trimmer being used for detailed work in confined areas, highlighting its maneuverability and precision.

5. Maintenance

5.1 Cleaning

- Always remove the battery pack before performing any cleaning or maintenance.
- Wipe down the exterior of the trimmer with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Remove any accumulated grass clippings, dirt, or debris from the cutting head, guard, and ventilation openings.

5.2 Trimmer Line Replacement

The OLT1832 utilizes a 1.6 mm diameter trimmer line with an automatic feed mechanism. For detailed instructions on how to replace the trimmer spool or line, please refer to the specific instructions provided with your product or consult the official RYOBI support resources.

5.3 Storage

- Store the trimmer in a dry, secure location that is inaccessible to children and protected from extreme temperatures.
- Remove the battery pack from the trimmer before storing it for extended periods to prevent discharge and ensure safety.

6. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Trimmer does not start	Battery not charged or improperly installed. Safety lock-off button not engaged.	Ensure the battery is fully charged and correctly inserted into the tool. Press the safety lock-off button before squeezing the trigger switch.
Poor cutting performance	Trimmer line is too short, worn, or tangled. Cutting head is clogged with grass or debris.	Advance the trimmer line or replace the spool if necessary. Turn off the trimmer, remove the battery, and clean the cutting head and guard thoroughly.
Excessive vibration during operation	Trimmer line is unevenly wound or damaged. Cutting head or spool is improperly installed.	Turn off the trimmer and remove the battery. Inspect the trimmer line and spool for damage or improper winding; correct or replace as needed. Ensure the cutting head and spool are correctly installed.

7. Technical Specifications

- **Model:** OLT1832
- **Power Source:** 18V Battery Powered (RYOBI ONE+ system)
- **Cutting Width:** 25-30 cm (adjustable)
- **Wire Feed:** Automatic
- **Wire Diameter:** 1.6 mm
- **Weight (without battery):** 2.3 kg
- **Weight (with EPTA battery pack):** 2.7 kg
- **Sound Power Level (Lwa):** 94.2 dB(A)
- **Vibration Uncertainty:** 1.5 m/s²
- **Vibration Level Auxiliary Handle:** 0.2 m/s²
- **Vibration Level Main Handle:** 0.1 m/s²
- **Product Dimensions:** 103.1 x 250 x 119 cm
- **Speed:** 6000 RPM
- **Assembly Required:** Yes
- **Global Trade Identification Number (GTIN):** 04892210147684

8. Warranty and Support

RYOBI products are engineered for durability and performance. To activate your product warranty, it is recommended to register your purchased item on the official RYOBI website. This ensures you receive full warranty benefits and support.

For technical assistance, inquiries regarding spare parts, or service requests, please refer to the contact information provided in your product's original packaging or visit the official RYOBI support website for comprehensive resources.

EU Spare Part Availability Duration: 5 Years.

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