RYOBI OLM1833B

Ryobi OLM1833B Battery Lawnmower User Manual

Model: OLM1833B

1. Product Overview

The Ryobi OLM1833B is an 18V ONE+ cordless battery lawnmower, featuring a 33cm cutting width and a 35-liter grass collection box. It offers mulching functionality and a central cutting height adjustment with 5 positions, ranging from 25mm to 65mm. Designed for ease of use and maneuverability, it is part of the versatile Ryobi ONE+ battery platform.



Front view of the Ryobi OLM1833B Battery Lawnmower.

2. Safety Information

Always read and understand all safety warnings and instructions before operating the lawnmower. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Keep all parts of the body away from the cutting blade. Do not attempt to remove cut material when the blade is moving.
- Ensure the area is clear of debris, stones, and other objects that could be thrown by the blade.
- Wear appropriate personal protective equipment (PPE), including eye protection, sturdy footwear, and hearing protection.
- Do not operate the lawnmower in wet conditions or on steep slopes.
- Always remove the battery pack when cleaning, servicing, or storing the lawnmower.
- Keep children and bystanders away from the operating area.

3. What's in the Box

The Ryobi OLM1833B is sold as a 'body only' unit, meaning the battery and charger are not included and must be purchased separately. Please ensure all components are present upon unboxing.

- Ryobi OLM1833B Lawnmower Unit
- Handle Assembly (upper and lower sections)
- Grass Collection Box (35L, semi-rigid)
- Mulching Plug
- User Manual



This model is supplied without a battery or charger.

4. Setup

4.1 Handle Assembly

1. Unfold the lower handle section from the main mower body. Secure it using the quick-release clamps on both sides.
2. Attach the upper handle section to the lower handle. Ensure the cables are not pinched. Secure with the provided knobs and bolts.
3. Adjust the handle height to one of the 3 available positions for comfortable operation.



Proper assembly of the lawnmower handle is crucial for safe operation.

4.2 Grass Collection Box Assembly

Assemble the semi-rigid grass collection box according to the instructions provided in the separate assembly guide (if applicable) or by snapping the frame into the fabric bag. Once assembled, lift the rear discharge flap and hook the grass box onto the mower body.

4.3 Battery Insertion

Open the battery compartment cover located on top of the mower. Insert a fully charged 18V ONE+ battery pack into the battery slot until it clicks into place. Close the cover securely.



Ensure the 18V ONE+ battery is fully inserted and the compartment cover is closed.

5. Operating Instructions

5.1 Starting and Stopping the Lawnmower

- To start: Press and hold the safety button, then pull the bail lever towards the handle. The motor will start.

- To stop: Release the bail lever. The motor will stop immediately.

5.2 Adjusting Cutting Height

The lawnmower features a central cutting height adjustment lever with 5 positions (25mm to 65mm). To adjust, pull the lever outwards and move it to the desired height setting. Ensure all four wheels are at the same height.



The central lever allows for quick and easy adjustment of cutting height.

5.3 Mulching and Collecting

The OLM1833B offers 2-in-1 functionality: collecting and mulching.

- **For Collecting:** Ensure the grass collection box is properly attached and the mulching plug is removed.
- **For Mulching:** Remove the grass collection box and insert the mulching plug into the rear discharge opening. This will finely chop grass clippings and return them to the lawn as natural fertilizer.



The 35L semi-rigid grass box is easy to remove and empty.



Mow your lawn efficiently with the Ryobi OLM1833B.

6. Maintenance

Regular maintenance ensures optimal performance and extends the life of your lawnmower.

6.1 Cleaning

- After each use, disconnect the battery and clean the underside of the mower deck to prevent grass buildup. Use a brush or scraper.
- Wipe down the exterior with a damp cloth. Do not use water jets or harsh chemicals.

6.2 Blade Care

- Periodically inspect the blade for sharpness and damage. A dull blade can tear grass, leading to an unhealthy lawn.
- If the blade is dull or damaged, have it sharpened or replaced by a qualified service technician. Always use genuine Ryobi replacement parts.

6.3 Storage

The lawnmower's handle can be folded for compact storage. Store the mower in a dry, secure location away from direct sunlight and extreme temperatures. Remove the battery pack before long-term storage.



The foldable handle allows for convenient and space-saving storage.

7. Troubleshooting

This section provides solutions to common issues you might encounter.

Problem	Possible Cause	Solution
Mower does not start	Battery not inserted correctly or discharged. Safety button/bail lever not engaged.	Ensure battery is fully charged and properly seated. Fully engage safety button and bail lever.
Poor cutting performance	Dull or damaged blade. Cutting height too low for grass condition. Grass buildup under deck.	Sharpen or replace blade. Increase cutting height. Clean underside of mower deck.
Excessive vibration	Bent or unbalanced blade. Loose components.	Inspect blade for damage; replace if necessary. Check all fasteners for tightness.
Motor stops during operation	Overload protection activated. Battery discharged.	Reduce load (e.g., raise cutting height). Recharge battery.

8. Specifications

Feature	Specification
Brand	RYOBI
Model Number	OLM1833B
Power Source	Battery Powered (18V ONE+)
Cutting Width	33 cm
Cutting Height Adjustment	5 positions (25mm - 65mm)
Grass Box Capacity	35 Liters

Feature	Specification
Mulching Function	Yes
Weight (without battery)	7.7 kg (17 lbs)
Weight (with battery EPTA)	8.1 kg (17.8 lbs)
Material	Metal, Plastic
Color	Hypergreen/Anthracite

9. Warranty and Support

RYOBI products are manufactured to high quality standards and are rigorously tested. This product comes with a standard manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions.

EU spare part availability duration for this product is 5 years from the date of purchase.

For technical support, spare parts, or warranty claims, please contact your local RYOBI service center or visit the official RYOBI website for contact information.

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