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RYOBI RY18LMH37A-250

RYOBI 36V LithiumPlus Hybrid Lawnmower RY18LMH37A-250 User Manual

Model: RY18LMH37A-250 / 5133004583

Introduction

This manual provides essential instructions for the safe operation, assembly, maintenance, and troubleshooting of your RYOBI 36V LithiumPlus Hybrid Lawnmower. Please read this manual thoroughly before operating the product and keep it for future reference.



Image: The RYOBI 36V LithiumPlus Hybrid Lawnmower, shown with its included 5.0 Ah batteries and quick charger.

Safety Information

Always prioritize safety when operating power tools. Familiarize yourself with all safety warnings and instructions provided in this manual to prevent injury and damage.

- Wear appropriate personal protective equipment (PPE), including eye protection and sturdy footwear.
- Ensure the work area is clear of debris, children, and pets before operation.
- Never operate the lawnmower in wet conditions or rain.
- Disconnect power (remove batteries or unplug from mains) before performing any adjustments, cleaning, or maintenance.
- Keep hands and feet away from rotating parts.

Package Contents

Verify that all items are present and undamaged upon unpacking:

- 1 x RYOBI 36V Hybrid Lawnmower (RY18LMH37A-250)
- 2 x RYOBI 18V 5.0Ah LithiumPlus Batteries
- 1 x RYOBI Quick Charger
- 1 x 45-liter Grass Collection Container
- User Manual (this document)

Setup

1. Handle Assembly

Unfold the handles and secure them in place using the provided fasteners. Ensure the handles are adjusted to a comfortable height for operation. The ergonomic handles are adjustable to multiple positions for user comfort.

2. Grass Collection Container Assembly

Assemble the 45-liter semi-rigid grass collection container according to the instructions. Attach it securely to the rear of the lawnmower.

3. Battery Installation / Power Connection

The RYOBI Hybrid Lawnmower can be powered by two 18V LithiumPlus batteries (for 36V operation) or directly via an electrical mains connection.

- **Battery Operation:** Insert two fully charged 18V 5.0Ah batteries into the designated battery compartments. Ensure they click into place.
- **Mains Operation:** Connect an appropriate extension cable (not included) to the lawnmower's power inlet and then to a suitable power outlet.



Image: A hand inserting an 18V LithiumPlus battery into the battery compartment of the RYOBI lawnmower.

4. Adjusting Cutting Height

The cutting height can be adjusted between 2 cm and 7 cm with 5 different positions. Use the height adjustment lever located on the side of the mower deck to select the desired cutting height.

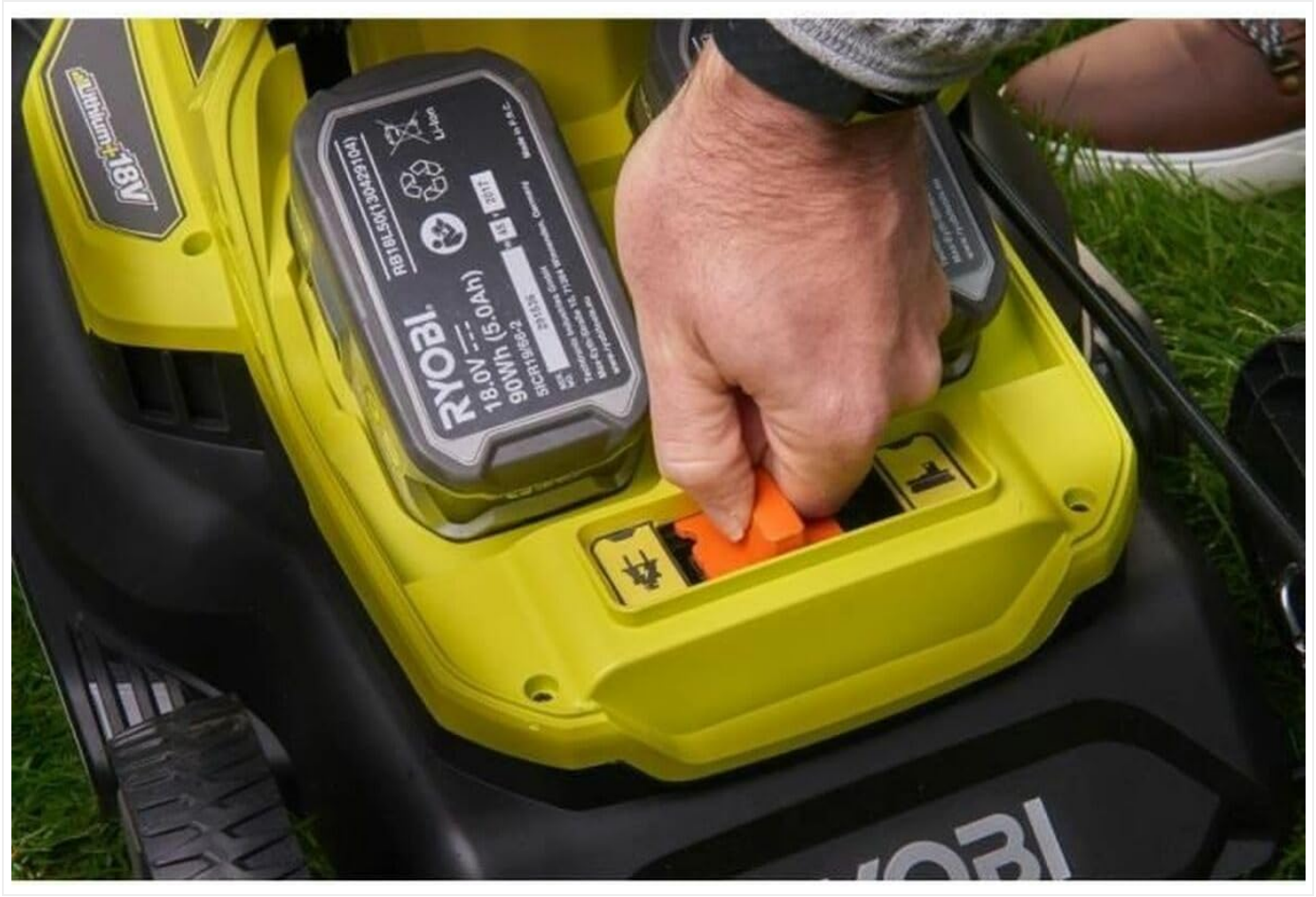


Image: A hand operating the cutting height adjustment lever on the RYOBI lawnmower, showing the multiple height settings.

Operating Instructions

1. Starting the Lawnmower

Ensure the lawnmower is on a flat, clear surface. Press the safety button and pull the bail lever towards the handle to start the motor. Release the safety button once the motor is running.

2. Mowing Techniques

Push the lawnmower at a steady pace. Overlap cutting swaths slightly to ensure even coverage. For best results, avoid cutting more than one-third of the grass blade length at a time.



Image: A woman operating the RYOBI 36V Hybrid Lawnmower on a well-maintained lawn, demonstrating typical use.



Image: A man operating the RYOBI 36V Hybrid Lawnmower in a garden with trees, showing the mower in action.

3. Mulching Function

The lawnmower features a mulching function. To switch between collection and mulching, adjust the internal flap or lock mechanism as described in the full product manual. Mulching returns fine grass clippings to the lawn as natural fertilizer.

4. Stopping the Lawnmower

Release the bail lever to stop the motor. Always wait for the blade to come to a complete stop before approaching the mower or performing any tasks.

Maintenance

Regular maintenance ensures optimal performance and extends the life of your lawnmower. Always disconnect power before maintenance.

- **Cleaning:** After each use, clean the mower deck and grass collection container. Remove any grass clippings or debris. Do not use water directly on electrical components.
- **Blade Care:** Inspect the blade regularly for sharpness and damage. A dull blade can tear grass, leading to an unhealthy lawn. Sharpen or replace the blade as needed.
- **Battery Care:** Store batteries in a cool, dry place. Charge them fully before extended storage.
- **Storage:** Store the lawnmower in a dry, protected area. The handles can be folded for compact storage.

Troubleshooting

Problem	Possible Cause	Solution
Lawnmower does not start.	◦ Batteries not charged or improperly inserted. ◦ Power cord not connected (if using mains). ◦ Safety button/bail lever not engaged correctly.	◦ Charge batteries fully and reinsert. ◦ Ensure power cord is securely connected. ◦ Engage safety button and pull bail lever simultaneously.
Poor cutting performance.	◦ Dull or damaged blade. ◦ Cutting height set too low for grass conditions. ◦ Grass collection container full.	◦ Sharpen or replace blade. ◦ Increase cutting height. ◦ Empty grass collection container.
Excessive vibration.	◦ Damaged or unbalanced blade. ◦ Loose components.	◦ Inspect and replace blade if damaged. ◦ Check all fasteners and tighten as necessary.

Specifications

Model	RY18LMH37A-250 / 5133004583
Brand	RYOBI

Power Source	36V (2 x 18V) Battery Powered / Electric Cable (Hybrid)
Battery Capacity	2 x 5.0 Ah LithiumPlus (included)
Cutting Width	37 cm
Cutting Height Adjustment	2 - 7 cm (5 positions)
Drive Type	Pushed
Grass Collection Capacity	45 Litres
Weight	16.5 kg
Lawn Area (with 2x 5.0Ah batteries)	Up to 575 m²
Color	Black, Charcoal Grey, Green

Warranty and Support

Your RYOBI 36V LithiumPlus Hybrid Lawnmower comes with a standard **2-year warranty**. An additional **1-year extension** is available upon product registration. This warranty covers the tool, batteries, and charger against manufacturing defects.

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

Official RYOBI Website: www.ryobi.com

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