RYOBI P1108BTL

Ryobi P1108BTL ONE+ 18V 13-inch Cordless Lawn Mower User Manual

Model: P1108BTL

Introduction

This manual provides essential instructions for the safe operation, assembly, maintenance, and troubleshooting of your Ryobi P1108BTL ONE+ 18V 13-inch Cordless Lawn Mower. Please read this manual thoroughly before using the product to ensure proper function and to prevent injury.

The Ryobi P1108BTL is designed for residential lawn care, offering cordless convenience with the Ryobi ONE+ 18V battery system. It features a 13-inch cutting deck, single-point height adjustment, and 2-in-1 mulching and bagging capabilities.

Safety Instructions

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating this product.

- Read all instructions before operating the mower.
- Wear appropriate personal protective equipment, including eye protection and sturdy footwear.
- Keep children and bystanders away from the mowing area.
- Do not operate the mower in wet conditions or on steep slopes.
- Remove the battery pack before cleaning, servicing, or storing the unit.
- Inspect the mowing area for objects that could be thrown by the blade.

Setup

Unpacking and Initial Inspection

Carefully remove all components from the packaging. Inspect the mower for any damage that may have occurred during shipping. Ensure all parts listed in the packing list are present. If any parts are missing or damaged, do not assemble or operate the mower; contact customer service.

Handle Assembly

1. Unfold the lower handle section and secure it into position.
2. Attach the upper handle section to the lower handle using the provided knobs and bolts. Ensure the handle is securely fastened.

Grass Catcher Bag Installation

Assemble the grass catcher bag according to the instructions provided with the bag components. Lift the rear discharge flap on the mower and hook the grass catcher bag onto the mower's frame.

Battery Installation

The Ryobi P1108BTL operates with a Ryobi ONE+ 18V battery (sold separately). Ensure the battery is fully charged before use.

1. Open the battery compartment cover, typically located on top of the mower deck.
2. Slide the charged 18V ONE+ battery pack into the battery port until it clicks into place.
3. Close the battery compartment cover securely.

Cutting Height Adjustment

The mower features a single-point height adjustment lever. This lever allows you to quickly change the cutting height for different lawn conditions.

- To adjust, pull the height adjustment lever outwards and move it forward or backward to the desired setting.
- Ensure all wheels are at the same cutting height setting.
- The cutting height ranges from 1.5 inches to 4 inches.



Image: The Ryobi P1108BTL 13-inch Cordless Lawn Mower, showcasing its compact design and handle. This image illustrates the overall appearance of the mower, including its wheels, deck, and handle assembly.

Operating the Mower

Starting the Mower

1. Ensure a charged 18V ONE+ battery is securely installed.
2. Press and hold the safety button located on the handle.
3. While holding the safety button, pull the bail switch lever towards the handle. The motor will start.
4. Release the safety button once the motor is running.

Stopping the Mower

To stop the mower, simply release the bail switch lever. The blade will stop rotating within a few seconds.

Mowing Techniques

- For best results, mow dry grass.
- Overlap cutting swaths slightly to ensure even coverage.
- Avoid cutting more than one-third of the grass blade length at a time.
- When mulching, mow more frequently to avoid clumping.
- When bagging, empty the grass catcher bag regularly to maintain optimal performance.

Maintenance

Regular maintenance ensures the longevity and safe operation of your lawn mower. Always remove the battery pack before performing any maintenance.

Blade Care

- Inspect the blade regularly for sharpness and damage. A dull blade can tear grass, leading to an unhealthy lawn.
- If the blade is dull, it can be sharpened by a qualified service technician or replaced with a genuine Ryobi replacement blade.
- If the blade is bent or cracked, replace it immediately.

Cleaning

- After each use, clean grass clippings from the underside of the mower deck using a brush or scraper.
- Wipe down the exterior surfaces with a damp cloth. Do not use water hoses or pressure washers directly on the mower.
- Ensure the grass catcher bag is clean and free of debris.

Storage

- Remove the battery pack before storing the mower.
- Clean the mower thoroughly before long-term storage.
- The handles can be folded for compact, vertical storage. Loosen the knobs on the handle to fold it.
- Store the mower in a dry, secure location, out of reach of children.

Troubleshooting

Problem	Possible Cause	Solution
Mower does not start	Battery not installed correctly. Battery not charged. Safety button or bail switch not engaged.	Ensure battery is fully seated and clicked into place. Charge the battery pack. Press safety button, then pull bail switch.
Mower stops during operation	Battery discharged. Overload protection activated (e.g., cutting very tall/thick grass).	Replace with a charged battery. Raise cutting height, clear any obstructions, and restart.

Problem	Possible Cause	Solution
Uneven cut	Dull or damaged blade. Cutting height set unevenly.	Sharpen or replace the blade. Ensure all wheels are at the same cutting height.

Specifications

Feature	Detail
Brand	RYOBI
Model Number	P1108BTL
Power Source	Battery Powered (Ryobi ONE+ 18V)
Cutting Width	13 Inches
Cutting Height Range	1.5 Inches - 4 Inches
Functions	2-in-1 Mulching and Bagging
Item Weight	15 Pounds
Product Dimensions	24"D x 24"W x 12"H
UPC	046396034984

Warranty and Support

The Ryobi P1108BTL ONE+ 18V 13-inch Cordless Lawn Mower is backed by a 3-year limited warranty. For detailed warranty information, service, or technical support, please refer to the official Ryobi website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, visit the official Ryobi Tools website.

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Example: How do I reset this device or fix this error?

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