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Ryobi 1800W Electric Mower 5133002347 User Manual

Model: 5133002347 | 40 CM Cutting Width

1. INTRODUCTION

Thank you for choosing the Ryobi 1800W Electric Mower. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your lawnmower. Please read these instructions carefully before using the product and retain them for future reference. Proper use and care will ensure long-lasting performance and user safety.

2. GENERAL SAFETY INSTRUCTIONS

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Failure to follow these instructions may result in serious injury or property damage.

- **Read the Manual:** Familiarize yourself with all controls and proper use of the appliance.
- **Wear Appropriate Attire:** Always wear sturdy footwear and long trousers. Do not operate the mower barefoot or in open sandals.
- **Eye and Ear Protection:** Wear safety glasses and ear protection during operation.
- **Keep Bystanders Away:** Ensure children, pets, and other people are kept at a safe distance (at least 15 meters) from the mowing area.
- **Inspect Mowing Area:** Before mowing, clear the area of stones, sticks, wires, bones, and other foreign objects that could be thrown by the blade.
- **Disconnect Power:** Always disconnect the mower from the power supply before cleaning, adjusting, or performing maintenance.
- **Avoid Wet Grass:** Do not operate the mower in wet grass, as this can be hazardous and reduce cutting efficiency.
- **Handle with Care:** Never lift or carry the mower by the power cord.
- **Slope Operation:** Mow across the face of slopes, never up and down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
- **Blade Safety:** Keep hands and feet away from the cutting blade. The blade continues to rotate for a short period after the motor is switched off.

3. PRODUCT COMPONENTS

Your Ryobi Electric Mower consists of several key components designed for efficient lawn care.

- **Motor Housing:** Contains the 1800W electric motor.
- **Handle Assembly:** Ergonomic handle for comfortable operation, includes power switch and safety bail.
- **Grass Collection Bag:** Detachable bag for collecting grass clippings.
- **Cutting Blade:** High-quality blade for a clean cut, 40 CM cutting width.
- **Wheels:** Durable wheels for easy maneuverability.
- **Cutting Height Adjustment Lever:** Mechanism to easily change the mowing height.



Image: Side view of the Ryobi 1800W Electric Mower, highlighting its robust design and 40 CM cutting deck.

4. SETUP AND ASSEMBLY

Follow these steps to assemble your Ryobi Electric Mower before first use.

1. **Unpacking:** Carefully remove all components from the packaging. Check for any damage or missing parts.
2. **Handle Assembly:** Attach the lower handle to the mower body using the provided bolts and knobs. Secure the upper handle to the lower handle, ensuring the power cable is not pinched.
3. **Grass Collection Bag Assembly:** Assemble the grass collection bag frame and attach the fabric bag. Hook the assembled bag onto the mower's rear discharge chute.
4. **Blade Check:** Ensure the cutting blade is securely fastened and free from damage. Refer to the maintenance section for blade removal and installation if necessary.
5. **Power Connection:** Connect a suitable outdoor extension cord (not supplied) to the mower's power inlet. Ensure the extension cord is rated for outdoor use and has the correct amperage for the 1800W motor.

5. OPERATING INSTRUCTIONS

Proper operation ensures effective mowing and prolongs the life of your appliance.

5.1 Pre-Operation Checks

- Ensure all fasteners are tight.
- Check the power cord for any damage.

- Verify the grass collection bag is correctly attached.
- Adjust the cutting height to your desired level.

5.2 Starting and Stopping

- **To Start:** Press and hold the safety button, then pull the bail lever towards the handle. Release the safety button.
- **To Stop:** Release the bail lever. The blade will stop rotating after a few seconds.

5.3 Adjusting Cutting Height

The mower features a central cutting height adjustment lever. To adjust, pull the lever outwards and move it to the desired position. Ensure all wheels are set to the same height for an even cut. The 40 CM cutting width allows for efficient coverage.

5.4 Mowing Techniques

- For best results, mow in straight, overlapping lines.
- Do not attempt to cut too much grass at once. If the grass is very long, make two passes, raising the cutting height for the first pass.
- Always direct the discharge chute away from people and objects.



Image: A user operating the Ryobi 1800W Electric Mower on a lawn, demonstrating typical use.



Image: Another perspective of a user mowing with the Ryobi 1800W Electric Mower, showcasing its maneuverability.

6. MAINTENANCE

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

- **Cleaning:** After each use, disconnect the power and clean the mower deck, blade, and grass collection bag. Use a brush or cloth; do not use water jets directly on the motor housing.
- **Blade Care:** Periodically inspect the blade for sharpness and damage. A dull or damaged blade can lead to poor cutting performance and strain the motor. For blade replacement or sharpening, consult a qualified service technician or refer to specific instructions in the full manual.
- **Storage:** Store the mower in a dry, secure place, out of reach of children. The handle can often be folded for compact storage.
- **Power Cord:** Inspect the power cord regularly for cuts, abrasions, or signs of aging. Replace damaged cords immediately.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Ryobi Electric Mower.

Problem	Possible Cause	Solution
Mower does not start	No power supply Safety bail not engaged Thermal overload activated	Check power connection and circuit breaker Ensure safety button is pressed and bail lever is pulled Allow motor to cool down for 15-20 minutes

Problem	Possible Cause	Solution
Poor cutting performance	Dull or damaged blade Cutting height too low for grass length Grass collection bag full	Sharpen or replace blade Increase cutting height Empty grass collection bag
Excessive vibration	Bent or unbalanced blade Loose blade bolt	Inspect blade for damage; replace if bent Tighten blade bolt (ensure power is disconnected)
Motor overheats	Mowing in very thick or wet grass Blocked ventilation slots	Raise cutting height; avoid wet grass Clean ventilation slots (ensure power is disconnected)

8. SPECIFICATIONS

Key technical details for the Ryobi 1800W Electric Mower, model 5133002347.

- Brand:** RYOBI
- Model Number:** 5133002347
- Power Source:** Electric (1800W)
- Cutting Width:** 40 Centimeters
- Item Weight:** Approximately 13.5 Kilograms (29.7 pounds)
- Product Dimensions:** 30.31 x 20.47 x 19.69 inches
- Assembly Required:** No (minimal assembly for handles/bag)

9. WARRANTY AND SUPPORT

Ryobi products are manufactured to high-quality standards and are backed by a comprehensive warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Ryobi website.

For technical assistance, spare parts, or service inquiries, please contact Ryobi customer support through their official channels. When contacting support, please have your model number (5133002347) and purchase details readily available.