

FULL BOAR M2150P2

FULL BOAR M2150P2 80V Brushless 21-inch Cordless Lawn Mower Instruction Manual

Model: M2150P2

INTRODUCTION

Thank you for choosing the FULL BOAR M2150P2 80V Brushless 21-inch Cordless Lawn Mower. This manual provides important information regarding the safe assembly, operation, and maintenance of your lawn mower. Please read this manual thoroughly before using the product and keep it for future reference.

This cordless lawn mower offers environmental friendliness, quieter operation, and ease of use compared to traditional gas-powered mowers, while delivering comparable performance.

IMPORTANT SAFETY INFORMATION

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

- **Read All Instructions:** Familiarize yourself with the controls and proper use of the equipment.
- **Wear Appropriate Attire:** Always wear safety glasses or eye shields, long pants, and sturdy footwear. Do not operate barefoot or in open sandals.
- **Clear the Area:** Before mowing, clear the area of objects such as rocks, sticks, wires, bones, and other debris that could be thrown by the blade.
- **Keep Bystanders Away:** Do not allow children or bystanders in the area while operating the mower.
- **Avoid Wet Grass:** Do not operate the mower in wet grass, as this can cause slipping and reduce cutting efficiency.
- **Handle Slopes Carefully:** Mow across the face of slopes, never up and down. Exercise extreme caution when changing direction on slopes.
- **Disconnect Power:** Always remove the battery pack when cleaning, servicing, or storing the mower.
- **Maintain Equipment:** Keep all nuts, bolts, and screws tight to ensure the equipment is in safe working condition.
- **Battery Safety:** Use only the specified battery packs and charger. Do not expose batteries to fire or high temperatures.

PACKAGE CONTENTS

Ensure all items are present and undamaged upon unpacking:

- FULL BOAR M2150P2 Lawn Mower Unit
- Grass Collection Bag
- Side Discharge Chute
- Mulching Plug
- 80V 2.5Ah Rechargeable Batteries (x2)
- Battery Charger (x1)
- Instruction Manual

SETUP AND ASSEMBLY

Limited assembly is required. Follow these steps to prepare your lawn mower for use.

1. Handle Assembly

The handle is foldable and adjustable to three different height positions for user comfort and compact storage.

1. Unfold the lower handle section and secure it with the provided knobs or levers.
2. Adjust the upper handle to your desired height and tighten the locking mechanisms.



Image: Adjusting the handle to a comfortable height.



Image: The mower handle shown in both folded and extended positions for storage and operation.

2. Battery Charging and Installation

The mower is powered by two 80V 2.5Ah rechargeable batteries. Ensure batteries are fully charged before first use.

1. Insert the battery into the charger and plug the charger into a standard electrical outlet.
2. The indicator light on the charger will show the charging status.
3. Once fully charged, remove the battery from the charger.
4. Open the battery compartment cover on the mower.
5. Insert both charged batteries firmly into their respective slots until they click into place.
6. Close the battery compartment cover.



Image: A hand inserting an 80V battery into the mower's battery compartment.

3. Mowing Mode Selection (3-in-1 Versatility)

Your mower supports rear bagging, mulching, and side discharge.

- **Rear Bagging:** Attach the grass collection bag to the rear discharge opening. Ensure it is securely fastened.
- **Mulching:** Insert the mulching plug into the rear discharge opening. This will keep clippings under the deck to be finely cut and returned to the lawn.
- **Side Discharge:** Remove the mulching plug (if installed) and attach the side discharge chute to the side opening.



Image: The lawn mower configured for rear bagging, showing the attached grass collection bag.

OPERATION

1. Adjusting Cutting Height

The mower features a single-lever deck adjustment for quickly choosing between 7 cutting heights, from 1.4 inches to 3.5 inches.

1. Ensure the mower is off and the battery is removed before adjusting the cutting height.
2. Locate the single-lever height adjustment mechanism on the side of the mower.
3. Pull the lever outwards and move it to the desired height setting. Release the lever to lock it in place.



Image: Close-up of the single-lever mechanism for adjusting the cutting height of the mower deck.

2. Starting and Stopping the Mower

The control panel on the handle provides easy access to start and stop functions, as well as the Turbo mode.

1. **To Start:** Ensure batteries are installed. Press and hold the safety button, then pull the bail lever towards the handle. The blade will begin to rotate.
2. **To Stop:** Release the bail lever. The blade will stop rotating.
3. **Turbo Mode:** While the blade is rotating, press the "Turbo" button on the control panel once to run the blade at a higher speed for tougher cutting conditions. Press it again to return to standard speed.



Image: The control panel on the handle, showing the power button and the "Turbo" button for increased blade speed.

3. Mowing Techniques

- For best results, mow when the grass is dry.
- Overlap cutting swaths slightly to ensure an even cut.
- Avoid cutting more than one-third of the grass blade length at a time.
- When using the grass collection bag, empty it regularly to maintain optimal performance.

Your browser does not support the video tag.

Video: Demonstration of the FULL BOAR M2150P2 lawn mower in operation, cutting grass. This video shows the mower's performance and quiet operation.

MAINTENANCE

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

1. Cleaning

- Always remove the battery pack before cleaning.
- Clean the mower deck and blade area after each use to prevent grass buildup. Use a brush or cloth; avoid using water directly on electrical components.
- Wipe down the exterior with a damp cloth.



Image: View of the mower's underside, highlighting the cutting blade and deck area for cleaning.

2. 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. If damaged, replace it with a genuine FULL BOAR replacement blade.

3. Battery Care and Storage

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, charge batteries to approximately 50% capacity.
- Recharge batteries every 3-6 months during extended storage to prevent deep discharge.

4. Storage

The mower can be compactly folded for stowing in tight garage spaces.

1. Remove the battery pack.
2. Clean the mower thoroughly.
3. Fold the handle down for compact storage.
4. Store the mower in a dry, secure location, out of reach of children.



Image: The lawn mower with its handle folded down, demonstrating its compact storage capability.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Mower does not start	Battery not fully charged or improperly installed. Safety button/bail lever not engaged correctly.	Ensure batteries are fully charged and correctly inserted. Engage safety button and pull bail lever simultaneously.
Reduced cutting performance	Dull or damaged blade. Grass collection bag full. Mower deck clogged. Cutting height too low for grass conditions.	Inspect and sharpen/replace blade. Empty grass bag. Clean mower deck. Raise cutting height.
Excessive vibration	Bent or unbalanced blade. Loose components.	Inspect blade for damage; replace if necessary. Check all nuts, bolts, and screws for tightness.
Short runtime	Batteries not fully charged. Batteries reaching end of life. Mowing thick or wet grass.	Ensure batteries are fully charged. Consider replacing old batteries. Mow dry grass and avoid excessively thick areas.

SPECIFICATIONS

Feature	Detail
Brand	FULL BOAR
Model Number	M2150P2
Power Source	Battery Powered (80V)
Motor Type	Brushless
Cutting Width	21 Inches
Cutting Height Adjustment	7 Positions (1.4" to 3.5")
Mowing Functions	3-in-1 (Rear Bagging, Mulching, Side Discharge)
Batteries Included	Two 80V 2.5Ah Rechargeable Batteries
Charger Included	One Charger
Approximate Runtime	Up to 100 minutes or 1/2 acre (with both batteries)
Handle	Adjustable 3-heights positions, foldable
Wheels	High-rear-wheel design, double ball bearings
Material	Alloy Steel
Item Weight	62.2 Pounds
Product Dimensions (D x W x H)	65.4"D x 27.2"W x 44.3"H
UPC	850015852909

WARRANTY AND SUPPORT

The FULL BOAR M2150P2 Lawn Mower comes with a**3-year limited warranty**. For warranty claims or technical support, please contact Yardmax Power Products, the seller and manufacturer of this product. Please retain your proof of purchase for warranty validation.

For further assistance, visit the [FULL BOAR Store on Amazon](#) or contact customer support through your purchase platform.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question