

[Manuals.plus](#) /

› [Greenworks](#) /

› Greenworks 80V 21" Brushless Cordless Lawn Mower Instruction Manual

Greenworks MO80L415

Greenworks 80V 21" Brushless Cordless (Push) Lawn Mower

Model: MO80L415 | Brand: Greenworks

INTRODUCTION

This instruction manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Greenworks 80V 21" Brushless Cordless (Push) Lawn Mower. Please read this manual thoroughly before initial use and keep it for future reference. This mower is designed to provide powerful, emission-free lawn care, offering a 4-in-1 cutting system and convenient features for a pristine lawn.

SAFETY INFORMATION

Always prioritize safety when operating power equipment. Adhere to all warnings and instructions to prevent electric shock, fire, or serious injury.

- **Personal Protective Equipment (PPE):** Always wear eye protection (safety glasses), hearing protection, and sturdy, non-slip footwear. Long pants are recommended to protect legs from debris.
- **Work Area Safety:** Keep children, bystanders, and pets at a safe distance (at least 50 feet / 15 meters) from the mowing area. Clear the area of any objects (rocks, sticks, wires, toys) that could be thrown by the blade.
- **Electrical Safety:** Do not operate the mower in wet conditions, rain, or on wet grass. Ensure the battery is fully charged before use and always remove the battery when performing maintenance, cleaning, or storing the mower.
- **Operation Safety:** Never place hands or feet near or under the rotating parts. Do not operate the mower without the grass bag, discharge chute, or mulching plug properly installed. Always push the mower forward; do not pull it towards you.
- **Battery Safety:** Use only Greenworks 80V batteries and chargers. Do not expose batteries to water or extreme temperatures.

PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Greenworks 80V 21" Brushless Cordless (Push) Lawn Mower
- Greenworks 80V 4.0Ah Lithium-Ion Battery
- Greenworks 80V Rapid Charger
- Grass Collection Bag
- Side Discharge Chute
- Mulching Plug
- Operator's Manual

PRODUCT FEATURES

80V Brushless Motor

The highly efficient brushless motor delivers increased torque, quieter operation, and a longer lifespan compared to traditional brushed motors. This technology provides power comparable to gas-powered mowers without the associated emissions or maintenance.



Image: A detailed view of the internal components of a brushless motor, illustrating its advanced design for improved performance.

21" Durable Steel Deck

The 21-inch cutting deck is constructed from robust steel, ensuring durability and consistent cutting performance across various grass types and conditions. This wide deck allows for efficient mowing of larger areas.

greenworks® 80V

21" Push Mower

4.0 Ah Battery and Charger



EZ FOLD™
ALUMINUM HANDLES

4-IN-1 SYSTEM
REAR BAGGER,
MULCH, SIDE DISCHARGE
AND TURBO LEAF PICKUP

60L GRASS BAGGER

7-POSITION
HEIGHT ADJUSTMENT

POWERFUL
BRUSHLESS MOTOR

LED HEADLIGHTS

10" REAR WHEELS

8" FRONT WHEELS

21" DURABLE
STEEL DECK



Image: A front perspective of the Greenworks 80V 21" Brushless Cordless Lawn Mower, emphasizing its durable steel cutting deck.

4-in-1 Cutting System

This versatile system offers four cutting options: mulching, rear bagging, side discharge, and turbo leaf pickup. Easily switch between modes to adapt to your specific lawn care needs and preferences.



GUARANTEED START EVERY TIME
NO GAS, NO OIL, NO EMISSION

Image: A visual guide demonstrating the mower's 4-in-1 cutting system, showcasing its capabilities for bagging, mulching, side discharge, and turbo leaf pickup.

Single Lever Height Adjustment

Adjust the cutting height effortlessly with a single lever, providing 7 positions ranging from 1.38 inches to 3.75 inches. This allows for precise control over your lawn's appearance.



7-POSITION SINGLE LEVER HEIGHT ADJUSTMENT

Image: A detailed view of the single lever mechanism used to adjust the cutting height of the lawn mower.

EZ Fold Aluminum Handles

The innovative EZ Fold design allows the aluminum handles to fold quickly and easily, reducing the mower's footprint by up to 70%. This feature is ideal for compact storage in garages or sheds.



4-IN-1 SYSTEM

REAR BAGGER, MULCH, SIDE DISCHARGE
AND TURBO LEAF PICKUP

Image: A person demonstrating the folding of the mower's handles, showcasing the EZ Fold feature for vertical and space-saving storage.

LED Headlight

An integrated LED headlight provides enhanced visibility, enabling safe and effective mowing during early morning or late evening hours, or in dimly lit areas.



EZ FOLD™ HANDLES

SAVE 70% IN STORAGE SPACE

Image: A close-up view of the mower's front, highlighting the illuminated LED headlight for improved visibility.

SETUP

1. Unpacking and Assembly

1. Carefully remove all components from the packaging. Ensure no parts are missing or damaged.
2. Unfold the EZ Fold aluminum handles. Secure them in the operating position using the quick-release clamps or knobs provided. Ensure they are fully locked.
3. Assemble the grass collection bag according to the instructions provided in the separate bag assembly guide (if applicable). Attach the grass bag to the rear of the mower.
4. If using the side discharge option, attach the side discharge chute to the designated opening on the mower deck. For mulching, ensure the mulching plug is securely inserted.

2. Battery Charging and Installation

The 4.0Ah Lithium-Ion battery requires charging before first use.

1. Connect the rapid charger to a standard electrical outlet.
2. Slide the 80V battery into the charger. The indicator lights on the charger will show the charging status. A full charge typically takes approximately 60 minutes.
3. Once fully charged, remove the battery from the charger.
4. Open the battery compartment cover on the mower. Slide the charged battery into the battery slot until it clicks securely into place. Close the battery compartment cover.



Image: The Greenworks 80V 4.0Ah battery and its rapid charger, illustrating the components for power.

1. Adjusting Cutting Height

The mower features a single lever for quick height adjustment:

1. Ensure the mower is off and the battery is removed before adjusting the height.
2. Locate the height adjustment lever on the side of the mower deck.
3. Pull the lever outwards and move it forward or backward to select one of the 7 cutting height positions (1.38" to 3.75").
4. Release the lever to lock it into the desired position. Ensure all wheels are at the same height setting.



7-POSITION SINGLE LEVER HEIGHT ADJUSTMENT

Image: A close-up view of the single lever used to adjust the cutting height of the lawn mower.

2. Starting and Stopping the Mower

To start:

1. Ensure the battery is securely installed.
2. Press and hold the safety button located on the handle.

- To stop: Release the bail switch. The mower will automatically shut off.



3. Mowing Techniques and Modes

- **Mulching:** For returning fine grass clippings to the lawn as natural fertilizer. Ensure the mulching plug is installed and the side discharge chute is closed.
- **Rear Bagging:** For collecting grass clippings. Attach the grass collection bag securely.
- **Side Discharge:** For discharging clippings out the side of the mower. Attach the side discharge chute.
- **Turbo Leaf Pickup:** For enhanced leaf collection. This mode increases blade speed to improve vacuum action for leaves.

General Mowing Tips:

- Mow only dry grass for best results and to prevent clogging.
- For thick or tall grass, make two passes or reduce your walking speed.
- Overlap each mowing pass slightly to ensure complete coverage.
- Avoid overloading the mower; if the motor slows down significantly, reduce your speed.



GUARANTEED START EVERY TIME
NO GAS, NO OIL, NO EMISSION

Image: A composite image illustrating the mower's different operational modes: bagging, mulching, side discharge, and turbo leaf pickup.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your mower. Always remove the battery before performing any maintenance.

1. Cleaning the Mower

- After each use, disconnect the battery.
- Tilt the mower on its side (with the battery compartment facing up) and use a stiff brush or plastic scraper to remove grass clippings and debris from the underside of the deck.
- Wipe down the exterior surfaces with a damp cloth. Do not use water hoses or pressure washers directly on the mower.

2. Blade Care

- Regularly inspect the blade for sharpness, bends, or cracks. A dull or damaged blade can lead to poor cutting performance and excessive battery drain.
- If the blade is dull, it can be sharpened by a qualified service center or replaced with a genuine Greenworks replacement blade.
- When replacing the blade, ensure the new blade is installed with the cutting edges facing the correct direction. Always wear heavy-duty gloves when handling the blade.

3. Battery and Charger Care

- Store batteries in a cool, dry place away from direct sunlight and moisture.
- If storing the battery for extended periods, charge it to approximately 50% capacity and recharge every 3-6 months to maintain battery health.
- Keep the charger clean and free of debris. Do not expose the charger to water.

4. Storage

- Remove the battery from the mower before storing.
- Clean the mower thoroughly.
- Fold the EZ Fold handles for compact storage. The mower can be stored vertically to save space.
- Store the mower in a dry, secure location, protected from extreme temperatures.



BAGGING



TURBO LEAF PICKUP



SIDE DISCHARGE



MULCHING

4-IN-1 SYSTEM

REAR BAGGER, MULCH, SIDE DISCHARGE
AND TURBO LEAF PICKUP

Image: A person demonstrating the folding of the mower's handles, highlighting the EZ Fold feature for vertical and space-saving storage.

TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Mower does not start	Battery not charged Battery not inserted correctly Safety button/bail switch not engaged Motor overloaded	Charge battery fully Re-insert battery until it clicks Press safety button, then pull bail switch Clear any obstructions, raise cutting height

Problem	Possible Cause	Solution
Poor cutting quality	Dull or damaged blade Cutting height too low for grass Mowing too fast Wet or excessively tall grass	Sharpen or replace blade Increase cutting height Reduce walking speed Mow only dry grass; make multiple passes for tall grass
Short runtime	Battery not fully charged Battery nearing end of life Mower overloaded (e.g., thick grass) Extreme temperatures	Ensure battery is fully charged Consider replacing battery Raise cutting height, reduce speed Operate within recommended temperature range
Excessive vibration	Bent or unbalanced blade Loose blade bolt	Inspect and replace blade if bent/damaged Tighten blade bolt securely (after removing battery)

SPECIFICATIONS

Specification	Value
Brand	Greenworks
Model Number	MO80L415
Power Source	Battery Powered (80V Lithium-Ion)
Cutting Width	21 inches
Cutting Height Adjustment	7 positions (1.38" to 3.75")
Operation Mode	Manual (Push)
Item Weight	68.3 Pounds
Product Dimensions (LxWxH)	67.72" x 25.63" x 40.95"
Material	Plastic, Stainless Steel
UPC	195526155065



Image: A diagram illustrating the key dimensions (length, width, height) of the Greenworks 80V 21" lawn mower.

WARRANTY AND SUPPORT

Warranty Information

The Greenworks 80V 21" Brushless Cordless (Push) Lawn Mower comes with **a 4-year tool and battery warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For full warranty terms and conditions, please refer to the official Greenworks warranty policy document or visit the Greenworks website.

Customer Support

If you encounter any issues not covered in the troubleshooting section, require replacement parts, or have questions regarding your product, please contact Greenworks customer support. Contact information can typically be found on the Greenworks official website or on the product packaging.

Note: No official product videos with 'creator_type: Seller' were available in the provided data to embed in this manual.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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

Open the live page

<https://manuals.plus/asin/B0CLSBDL43>

More documents and user manuals: <https://manuals.plus/>