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> Greenworks 48V 20" Brushless Cordless Self-Propelled Lawn Mower Instruction Manual

Greenworks MO48L4211

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INTRODUCTION

Thank you for choosing the Greenworks 48V 20" Brushless Cordless Self-Propelled Lawn Mower. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new lawn mower. Please read this manual thoroughly before initial use and keep it for future reference.

SAFETY INFORMATION

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

- **Read the Manual:** Familiarize yourself with all controls and proper use of the equipment.
- **Wear Eye Protection:** Always wear safety glasses or goggles when operating the mower.
- **Keep Clear:** Ensure bystanders, especially children and pets, are at a safe distance from the mowing area.
- **Disconnect Power:** Always remove the battery pack before cleaning, servicing, or performing any maintenance on the mower.
- **Inspect Area:** Before mowing, clear the area of objects such as rocks, toys, or other debris that could be thrown by the blade.
- **Avoid Wet Grass:** Do not operate the mower in wet grass, as this can cause slipping and reduce cutting efficiency.
- **Slope Operation:** Exercise extreme caution when mowing on slopes. Mow across the face of slopes, never up and down.

COMPONENTS

Your Greenworks 48V 20" Brushless Cordless Self-Propelled Lawn Mower comes with several key components designed for optimal performance and user convenience.



This image displays the complete Greenworks 48V 20-inch self-propelled lawn mower system, including the mower unit, two 5.0Ah batteries, and the dual-port rapid charger.



An annotated diagram illustrating the main features of the Greenworks 48V lawn mower, such as its push-button start, turbo button for extra power, collapsible handles for storage, brushless motor, LED lights for visibility, 20-inch cutting deck, and the included 5.0Ah batteries and dual-port charger. It also points out the single-lever height adjustment and wheel sizes.

BRUSHLESS MOTOR TECHNOLOGY

- MORE POWER
- EXTENDED MOTOR LIFE
- LONGER RUNTIME
- LOWER ENERGY-CONSUMPTION



* Compared with brushed motor

A detailed diagram of a brushless motor, emphasizing its internal structure and illustrating the technology that provides more torque, quiet operation, and longer life for the lawn mower.



Life. Powered.™
by **greenworks** **POWERALL™**
24V 125+

This image showcases the integrated USB charging feature of the Greenworks batteries, demonstrating how a battery can be used as a power bank to charge portable electronic devices like tablets.



SELF-PROPELLED

EASILY CLIMB HILLS WITH UP TO 20° INCLINE

A close-up shot of the mower's LED headlights, indicating their utility for mowing in low-light conditions or during early morning/late evening hours.

SETUP

Follow these steps to prepare your lawn mower for first use.

1. **Unfold Handles:** Carefully unfold the mower handles until they lock into place. Ensure all quick-release clamps are securely tightened.
2. **Attach Grass Bag (if applicable):** If using the rear bagging option, attach the grass collection bag according to the instructions provided in the separate assembly guide.
3. **Install Batteries:** Open the battery compartment cover. Insert two fully charged 24V 5.0Ah batteries into their respective slots until they click into place. Close the battery compartment cover securely.
4. **Adjust Cutting Height:** Use the single-lever height adjustment to set your desired cutting height. There are 7 positions available.



7-POSITION SINGLE LEVER HEIGHT ADJUSTMENT

A close-up view of the mower's 7-position single-lever height adjustment mechanism, showing a hand operating the lever to easily change the cutting height.

OPERATING INSTRUCTIONS

Operating your Greenworks lawn mower is straightforward. Always ensure the area is clear and you are wearing appropriate safety gear.

1. **Starting the Mower:** Press and hold the safety button, then pull the bail switch lever towards the handle. The mower will start.
2. **Self-Propelled Function:** To engage the self-propelled feature, squeeze the self-propel lever towards the handle. Adjust the drive speed using the speed control dial on the handle.
3. **Turbo Button:** For tougher grass or leaf pick-up, press the 'TURBO' button on the handle to activate a 20% power boost.
4. **Mowing Techniques:** For best results, mow in straight, overlapping lines. Avoid overloading the motor by cutting excessively tall grass in one pass.

5. **4-in-1 Versatility:**

- **Rear Bagging:** Attach the grass bag to collect clippings.
- **Mulching:** Insert the mulching plug into the discharge chute to finely cut and redistribute clippings back onto the lawn.
- **Side Discharge:** Attach the side discharge chute to direct clippings away from the mower.
- **Leaf Pick-up:** Use the turbo function to enhance leaf collection into the grass bag.

6. **Stopping the Mower:** Release the bail switch lever to stop the motor and blade.



This image demonstrates the self-propelled function of the Greenworks lawn mower, showing a user effortlessly guiding the mower across a well-maintained lawn.



This image focuses on the control handle, specifically showing the "TURBO" button which provides an extra power boost for tougher mowing conditions or leaf pick-up.

Official Product Video: Operation Overview

This video demonstrates key features of the Greenworks 20-inch self-propelled mower, including battery installation, deck height adjustment, use of the turbo button, active mowing, grass bag removal, mulching, and the space-saving vertical storage option.

MAINTENANCE

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

- **Blade Care:** Regularly inspect the blade for sharpness and damage. A dull blade tears grass, leading to an unhealthy lawn. Replace or sharpen the blade as needed. Always remove the battery before handling the blade.
- **Cleaning:** After each use, clean the underside of the mower deck to prevent grass buildup. Use a damp

cloth to wipe down the exterior. Do not use high-pressure water or immerse the mower in water.

- **Battery Charging:** Charge batteries fully after each use. The dual-port rapid charger is designed for efficient charging.
- **Battery 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.
- **Vertical Storage:** The mower features vertical storage capability to save space. Ensure the mower is clean and dry before storing it upright.

30,000 mAh POWER BANK

CHARGES ALL PORTABLE ELECTRONIC DEVICES, INCLUDING PHONES AND TABLETS



The image illustrates the vertical storage capability of the Greenworks lawn mower, highlighting how it can be stored upright to save significant space in a garage or shed.

TROUBLESHOOTING

This section addresses common issues you might encounter with your lawn mower.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Mower does not start	Battery not fully charged or improperly installed. Safety key not inserted. Bail switch not fully engaged.	Ensure batteries are fully charged and correctly inserted. Insert safety key. Fully pull the bail switch lever.
Mower stops during operation	Battery charge is low. Overload protection activated (e.g., cutting too thick grass).	Recharge batteries. Reduce cutting load by raising cutting height or taking smaller passes.
Uneven cutting	Dull or damaged blade. Uneven wheel height adjustment.	Sharpen or replace blade. Ensure all wheels are set to the same cutting height.
Excessive vibration	Bent or unbalanced blade. Loose components.	Inspect blade for damage; replace if bent. Check all fasteners for tightness.

SPECIFICATIONS

Feature	Specification
Brand	Greenworks
Model Number	MO48L4211
Power Source	Battery Powered (2 x 24V = 48V)
Battery Type	Lithium Ion (2 x 5.0Ah included)
Cutting Width	20 Inches
Cutting Height Positions	7
Operation Mode	Automatic, Self-Propelled
Material	Alloy Steel Deck
Item Weight	73 Pounds
Product Dimensions	61.81 x 20.87 x 40.16 inches
UPC	841821087098

WARRANTY AND SUPPORT

Your Greenworks 48V 20" Brushless Cordless Self-Propelled Lawn Mower is backed by a **3-year warranty**. This warranty covers defects in materials and workmanship from the date of purchase. For warranty claims, technical support, or to purchase replacement parts, please visit the official Greenworks website or contact their customer service department. Keep your proof of purchase for warranty validation.