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Greenworks MO40L517

Greenworks 40V 21" Brushless Cordless Self-Propelled Lawn Mower User Manual

Model: MO40L517

Brand: Greenworks

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of your Greenworks 40V 21" Brushless Cordless Self-Propelled Lawn Mower. Please read all instructions carefully before use to ensure proper assembly, operation, and maintenance.

SETUP

Package Contents

- Greenworks 40V 21" Brushless Cordless Self-Propelled Lawn Mower
- 5.0Ah Battery
- Charger
- Grass Collection Bag
- Side Discharge Chute
- Mulch Plug

Assembly

The lawn mower is designed for easy assembly. The handle simply needs to be attached using a few bolts. Ensure all connections are secure before proceeding.

greenworks 40V 21" Self-Propelled Mower

5.0 Ah Battery and Charger



Image: Front view of the lawn mower, illustrating its overall design and components.

Battery Charging and Installation

Before first use, fully charge the 5.0Ah battery. The included 2 Amp charger typically takes about 2 hours to charge a fully depleted 4.0Ah battery. For optimal battery longevity, it is recommended to charge the battery to full capacity (4 bars, approximately 41.2 Volts) just prior to mowing. Once charged, simply drop the battery into its designated compartment on the mower.



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

Image: The 40V battery and charger, essential for powering the lawn mower.

Handle Adjustment

The mower features EZ Fold™ handles, allowing them to be folded down for compact storage. This design also enables vertical storage, saving up to 70% in storage space. Adjust the handles to a comfortable operating height before use.



7-POSITION SINGLE LEVER HEIGHT ADJUSTMENT

Image: A person adjusting the mower's handle, demonstrating the EZ Fold™ feature.

Cutting Height Adjustment

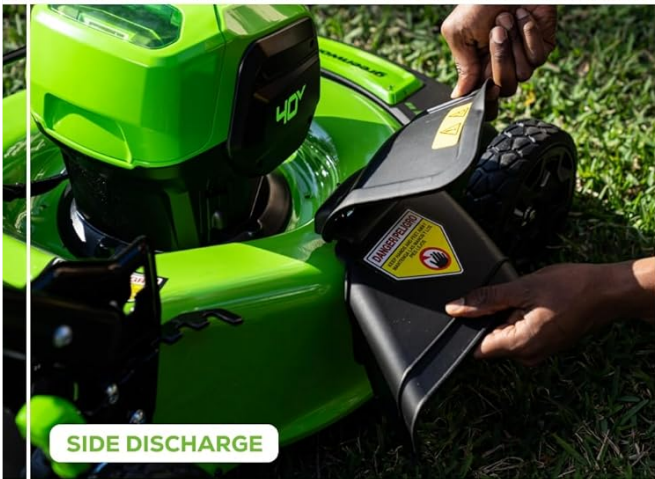
The mower offers a 7-position single lever height adjustment, allowing you to easily change the cutting height for all four wheels simultaneously without the need for tools.



BAGGING



TURBO LEAF PICKUP



SIDE DISCHARGE



MULCHING

4-IN-1 SYSTEM

REAR BAGGER, MULCH, SIDE DISCHARGE
AND TURBO LEAF PICKUP

Image: Detail of the single lever for adjusting cutting height, located near the rear wheel.

OPERATING INSTRUCTIONS

Starting the Mower

The Greenworks 40V mower offers a guaranteed start every time. Simply ensure the battery is inserted and engage the bail switch. There is no need for gas, oil, or complex starting procedures, making it easy to use for various operators.



EZ FOLD™ HANDLES

SAVE 70% IN STORAGE SPACE

Image: A person mowing a lawn with the Greenworks 40V self-propelled mower.

Self-Propelled Feature

The mower features rear-wheel drive with variable speed control, providing maximum traction and maneuverability. The self-propel function can be engaged or disengaged via a knob on the handle. This allows you to match the mower's speed to your walking pace. Note that the self-propelled system may exhibit a slight hesitation or jerkiness when starting or stopping quickly, particularly when attempting to reverse immediately after moving forward. Allow a brief pause for the drive motor to disengage before pulling the mower backward.

4-in-1 System

This mower supports a versatile 4-in-1 system for grass clippings management:

- **Bagging:** Collects clippings in the rear grass bag. The bag is designed to fill efficiently and is easy to empty.
- **Mulching:** Finely cuts and redistributes clippings back onto the lawn as natural fertilizer. Requires the mulch plug to be inserted.
- **Side Discharge:** Disperses clippings out of the side of the mower. Use the side discharge chute for this function.
- **Turbo Leaf Pickup:** Enhances suction for collecting leaves.



5.0 AH BATTERY AND CHARGER INCLUDED

Image: Visual representation of the mower's 4-in-1 capabilities: bagging, mulching, side discharge, and turbo leaf pickup.

LED Headlights

Integrated LED headlights provide enhanced visibility, allowing for safe operation during early morning or late evening hours.



Image: The mower's front with its LED headlights turned on, demonstrating enhanced visibility.

Brushless Motor

The mower is equipped with a highly efficient brushless motor, which provides increased torque, quieter operation, and a longer tool life compared to brushed motors. It also helps the mower resist bogging down in thicker grass.



Image: An internal view of a brushless motor, highlighting its advanced design for efficiency and durability.

Noise Level

This electric mower operates at approximately 70 dBA, significantly quieter than typical gas-powered mowers (which are often around 80 dBA). This reduced noise level allows for more flexible mowing times without disturbing neighbors.

MAINTENANCE

Blade Care

Regularly inspect the mower blade for sharpness and damage. A sharp blade ensures a clean cut and optimal performance. Blades can be sharpened with a fine flat file as needed. Always disconnect the battery before performing any maintenance on the blade.

Cleaning and Storage

After each use, clean the mower deck and remove any grass clippings. The mower's ability to stand vertically with folded handles makes cleaning and storage convenient. Since there is no gas or oil, the mower can be stored in

various positions without risk of spills or odors.

Battery Maintenance

To prolong battery life, avoid excessive heat during use and charging. If possible, alternate between multiple batteries during extended use to allow them to cool. Store batteries at a partial charge (around 2 LED bars) for long-term storage. Charge batteries fully just before use.

Replacement Parts

This product is designed as a consumer-level tool. Greenworks does not typically sell individual replacement parts for internal components. In case of significant damage, the unit may need to be replaced.

TROUBLESHOOTING

Self-Propelled System Issues

- **Mower not pulling backward freely:** The self-propelled drive system requires a brief pause (approximately 1 second) with no forward motion for the drive motor to disengage. If you attempt to pull back too quickly, the wheels may drag. Ensure the mower is stationary for a moment before pulling it backward.
- **Jerky self-propulsion:** The variable speed control may feel jerky to some users, especially when attempting quick stops and starts or maneuvering around obstacles. This is a characteristic of the system. For smoother operation in tight areas, consider disengaging the self-propel feature and operating it as a push mower.

Battery and Charger Issues

- **Battery overheating:** Heavy use can cause the battery to heat up. If the battery feels excessively hot, allow it to cool down before continuing use or charging. Alternating batteries can help manage heat.
- **Charger timing out:** If the charger stops charging due to overheating, unplug it for 10-15 seconds after it has cooled down to reset its protection circuit. Ensure the battery is also cool before attempting to charge again.

SPECIFICATIONS

Brand	Greenworks
Model Number	MO40L517
Power Source	Battery Powered
Material	Stainless Steel, Plastic
Color	Green & Black
Item Weight	73.86 Pounds
Cutting Width	21 Inches
Number of Height Positions	7
Operation Mode	Manual (with self-propelled feature)
Product Dimensions (DxWxH)	65"D x 25.63"W x 40.95"H
UPC	195526150992
Batteries Included	1 Lithium Ion (5.0Ah)

WARRANTY AND SUPPORT

Warranty Information

The Greenworks 40V 21" Brushless Cordless Self-Propelled Lawn Mower comes with a **3-Year Tool & Battery Warranty**. Please refer to the warranty card included with your product for full terms and conditions.



CUTS UP TO
1/3
ACRE
On a Single
Charge

RUNTIME UP TO
40
MIN
With 5.0 Ah
Battery

RECHARGE
120
MIN
With Included
Charger

Image: The Greenworks 3-Year Tool & Battery Warranty emblem.

Customer Support

For further assistance, product registration, or to explore other compatible tools in the Greenworks 40V family, please visit the official Greenworks Store or contact their customer service. You can find more information and compatible products at the Greenworks Store on Amazon.