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› Greenworks Tools 40V Cordless Lawn Mower 46cm Brushless with Wheel Drive 2506807 User Manual

Greenworks Tools 2506807

Greenworks Tools 40V Cordless Lawn Mower User Manual

Model: 2506807 (GD40LM46SP)

INTRODUCTION

Thank you for choosing the Greenworks Tools 40V Cordless Lawn Mower. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your lawn mower. Please read this manual thoroughly before operating the machine to ensure proper use and to prevent injury.

This lawn mower is designed for residential use only, specifically for cutting grass in domestic gardens. It features a 46cm cutting width, a brushless motor, and offers 3-in-1 functionality: mulching, rear collection, and side discharge.

SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- Read all instructions carefully before operation.
- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and sturdy footwear.
- Keep children and bystanders away from the operating area.
- Do not operate the mower in wet conditions or rain.
- Always remove the safety key and battery when not in use, before cleaning, or performing maintenance.
- Inspect the area to be mowed and remove any objects that could be thrown by the blade.

PACKAGE CONTENTS

Ensure all items are present upon unpacking:

- Greenworks 40V Cordless Lawn Mower
- 40V Lithium-Ion Battery (6 Ah included with this model)
- Battery Charger

- Grass Collection Bag (50 L capacity)
- Mulching Plug
- Side Discharge Chute
- Safety Key
- User Manual



Image: The Greenworks 40V Cordless Lawn Mower, shown with the included 40V battery and charger. This image illustrates the main components of the product package.

SETUP

1. Handle Assembly

Unfold the handles and secure them using the quick-release levers or knobs provided. Ensure the handles are firmly locked in place before operation.

2. Grass Collection Bag Assembly

Assemble the grass collection bag according to the instructions. Lift the rear discharge flap and hook the grass bag onto the mower chassis.

3. Battery Charging and Installation



Image: The Greenworks 40V battery charger. Connect the charger to a power outlet and insert the battery to charge.

1. Connect the charger to a standard power outlet.
2. Insert the 40V Lithium-Ion battery into the charger. 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 on the mower.
5. Insert the charged battery into one of the two available slots until it clicks into place.
6. Insert the safety key into its slot.



Image: A Greenworks 40V Lithium-Ion battery. This battery powers the lawn mower and is rechargeable.

4. Adjusting Cutting Height

The mower features 7 cutting height positions. Use the single-point height adjustment lever located near the wheels to select the desired cutting height.

OPERATING INSTRUCTIONS

Starting the Mower

1. Ensure the battery is installed and the safety key is inserted.
2. Press and hold the safety button on the handle.
3. While holding the safety button, pull the bail switch lever towards the handle. The motor will start.
4. Release the safety button once the motor is running.

Stopping the Mower

Release the bail switch lever. The motor will stop immediately.

Operating Modes (3-in-1 Functionality)



Image: Diagram illustrating the three discharge options: Bagging (1), Mulching (2), and Side Discharge (3). This highlights the versatility of the mower.

- **Rear Collection (Bagging):** Ensure the grass collection bag is properly attached and the mulching plug and side discharge chute are removed.
- **Mulching:** Insert the mulching plug into the rear discharge opening. Remove the grass collection bag and side discharge chute. The mower will finely cut grass clippings and return them to the lawn as natural fertilizer.
- **Side Discharge:** Attach the side discharge chute to the side of the mower. Remove the grass collection bag and mulching plug. This mode is useful for cutting taller grass where bagging is not desired.

Self-Propelled Feature (if applicable)

This model features wheel drive. To engage the self-propelled function, pull the drive lever towards the handle while the mower is running. Release the lever to disengage.

MAINTENANCE

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

Cleaning

- After each use, clean the underside of the mower deck to prevent grass buildup. Use a brush or scraper.
- Wipe down the exterior of the mower with a damp cloth. Do not use water jets or high-pressure cleaners.
- Clean the grass collection bag regularly.

Blade Care

- Inspect the blade regularly for sharpness and damage. A dull blade tears grass, leading to an unhealthy lawn.
- If the blade is dull, have it sharpened by a qualified service center or replace it with a genuine Greenworks replacement blade.
- Ensure the blade is balanced after sharpening to prevent vibration.

Battery and Charger Storage

- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not store batteries in a discharged state for extended periods. Charge them periodically.
- Store the charger indoors in a dry environment.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Mower does not start	Battery not fully charged Safety key not inserted Bail switch not engaged Battery too hot/cold	Charge battery Insert safety key fully Engage bail switch correctly Allow battery to reach ambient temperature
Poor cutting performance	Dull or damaged blade Cutting height too low for grass condition Grass buildup under deck	Sharpen or replace blade Increase cutting height Clean mower deck

Problem	Possible Cause	Solution
Excessive vibration	Bent or unbalanced blade	Inspect and replace blade if bent; balance if sharpened
	Loose blade bolt	Tighten blade bolt

SPECIFICATIONS

Feature	Detail
Model Number	2506807 (GD40LM46SP)
Brand	Greenworks Tools
Voltage	40 Volt
Motor Type	Brushless
Cutting Width	46 cm
Cutting Height Positions	7
Grass Collector Volume	50 Liters
Functions	3-in-1 (Mulching, Rear Collection, Side Discharge)
Drive Type	Wheel Drive (Self-Propelled)
Weight	29 kg
Power Source	Battery (Lithium-Ion)

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official Greenworks Tools website. Keep your proof of purchase for warranty claims.

For technical assistance or to order replacement parts, contact Greenworks Tools customer service. Contact details can typically be found on the manufacturer's website or on the product packaging.

You can also visit the [Greenworks Store on Amazon](#) for more information and product accessories.