

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Greenworks](#) /
- › [Greenworks 40V 12-Inch Brushless Cordless Snow Shovel \(Model SSF405\) Instruction Manual](#)

Greenworks SSF405

Greenworks 40V 12-Inch Brushless Cordless Snow Shovel (Model SSF405) Instruction Manual

Model: SSF405

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Greenworks 40V 12-Inch Brushless Cordless Snow Shovel, Model SSF405. Please read this manual thoroughly before using the product and retain it for future reference.





Figure 1: Greenworks 40V 12-Inch Brushless Cordless Snow Shovel (Model SSF405)

SAFETY INFORMATION

Always prioritize safety when operating power tools. Familiarize yourself with all safety warnings and instructions provided in this manual.

- **Battery Temperature:** For optimal performance, use a battery stored at room temperature. The snow shovel may not start correctly if the battery temperature is too cold. If the device does not start, remove the battery from the snow shovel and let it warm up indoors for 10 minutes or more. Reinstall the battery and attempt to start the tool again.
- **Personal Protective Equipment:** Always wear appropriate safety glasses or goggles, hearing protection, and sturdy footwear when operating the snow shovel.
- **Clear Work Area:** Ensure the area to be cleared is free of objects such as rocks, toys, or debris that could be thrown by the impeller.
- **Maintain Firm Grip:** Always hold the snow shovel firmly with both hands during operation.
- **Avoid Overreaching:** Do not overreach or stand on unstable surfaces. Maintain proper footing and balance at all times.
- **Keep Bystanders Away:** Keep children, pets, and bystanders at a safe distance from the operating area.
- **Inspect Before Use:** Before each use, inspect the snow shovel for any damaged or loose parts. Do not operate if damage is present.

SETUP

This section outlines the steps for preparing your Greenworks 40V snow shovel for use. The product is designed for easy assembly.

1. Handle Assembly:

Attach the upper handle to the lower handle section. Ensure all connections are secure and the locking mechanisms are engaged. Adjust the auxiliary handle to a comfortable operating position, ensuring it is tightened securely.

2. Battery Installation:

Ensure the 40V battery (not included with "Tool Only" model) is fully charged. Align the battery with the battery port on the snow shovel and slide it in until it clicks securely into place. Verify that the battery is firmly seated before operation.



Figure 2: Side view of the snow shovel, illustrating the battery compartment location.

3. Pre-Operation Check:

Before each use, check for any loose fasteners, damaged guards, or other components. Ensure the impeller area is clear of obstructions.

OPERATING INSTRUCTIONS

Follow these steps for effective and safe snow removal with your Greenworks 40V snow shovel.

1. Starting the Snow Shovel:

With the battery securely installed, press and hold the safety button, then squeeze the trigger switch to start the motor. Release the safety button once the motor starts.

2. Clearing Snow:

Push the snow shovel forward into the snow. The 12-inch clearing width and 6-inch clearing depth are designed for efficient removal of moderate snowfall. For deeper snow, it may be necessary to make multiple passes or reduce the forward speed.



Figure 3: The snow shovel in operation, demonstrating its clearing capability.

3. Snow Discharge:

The snow shovel is capable of throwing snow up to 20 feet. Direct the discharge away from windows, vehicles, and bystanders. Be aware that the discharge direction is fixed forward.



Figure 4: Illustrates the snow throwing distance of the Greenworks snow shovel.

4. Stopping the Snow Shovel:

Release the trigger switch to stop the motor. Always remove the battery when not in use or before performing any maintenance.

5. Quiet Operation:

The brushless motor provides quiet operation, making it suitable for use during early mornings or late evenings without causing disturbance.



Figure 5: Front view of the snow shovel, emphasizing its quiet operation feature.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your snow shovel.

- **Cleaning:** After each use, remove any snow, ice, or debris from the impeller housing and exterior surfaces. Use a damp cloth for cleaning. Do not use harsh chemicals or abrasive materials.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Charge batteries fully before long-term storage.
- **Inspection:** Periodically check all screws, nuts, and bolts for tightness. Inspect the impeller for wear or damage. Replace worn or damaged parts with genuine Greenworks replacement parts.
- **Storage:** Store the snow shovel in a dry, protected area when not in use. Disconnect the battery before storage.

TROUBLESHOOTING

This section addresses common issues you might encounter with your snow shovel.

Problem	Possible Cause	Solution
Snow shovel does not start.	<ul style="list-style-type: none"> ◦ Battery not installed correctly. ◦ Battery charge is low or depleted. ◦ Battery temperature is too cold. ◦ Safety button not pressed before trigger. 	<ul style="list-style-type: none"> ◦ Ensure battery is fully seated and clicked into place. ◦ Charge the battery. ◦ Remove battery and warm it indoors for 10+ minutes, then reinstall. ◦ Press safety button, then squeeze trigger.
Reduced snow throwing distance or clogging.	<ul style="list-style-type: none"> ◦ Wet, heavy snow. ◦ Operating too quickly. ◦ Impeller housing clogged with snow/ice. 	<ul style="list-style-type: none"> ◦ Reduce forward speed. ◦ Clear the impeller housing (ensure battery is removed first!).
Excessive vibration.	<ul style="list-style-type: none"> ◦ Loose fasteners. ◦ Damaged impeller. 	<ul style="list-style-type: none"> ◦ Check and tighten all fasteners. ◦ Inspect impeller for damage; replace if necessary.

SPECIFICATIONS

Key technical specifications for the Greenworks 40V 12-Inch Brushless Cordless Snow Shovel, Model SSF405.

- **Model Number:** SSF405
- **Power Source:** 40V Lithium-ion Battery (Battery Powered)
- **Motor Type:** Brushless Electric
- **Clearing Width:** 12 inches
- **Clearing Depth:** 6 inches
- **Max Throwing Distance:** 20 feet
- **Impeller Speed:** Up to 1800 RPM
- **Product Dimensions:** 161.54 x 36.07 x 30.23 cm
- **Product Weight:** 8.76 kg
- **Manufacturer:** Greenworks
- **Country of Origin:** China

WARRANTY INFORMATION

The Greenworks 40V 12-Inch Brushless Cordless Snow Shovel (Model SSF405) is backed by a **3-year 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 website or contact customer support.





SUPPORT

For technical assistance, replacement parts, or further information regarding your Greenworks product, please contact Greenworks customer support. You can typically find contact details on the official Greenworks website or on the product packaging.

Online Resources: Visit the official [Greenworks Store on Amazon](#) for product information and accessories.

© 2023 Greenworks. All rights reserved. Information in this manual is subject to change without notice.

Related Documents - SSF405

	<p>Greenworks 40V Cordless Snow Shovel Owner's Manual</p> <p>This owner's manual provides essential safety information, assembly instructions, operating procedures, and maintenance guidelines for the Greenworks 40V Cordless Snow Shovel (Model 2601402). Learn how to safely and effectively clear snow with this powerful battery-operated tool.</p>
	<p>Greenworks GWK 40V Snow Shovel Operator Manual</p> <p>User guide for the Greenworks GWK 40V Snow Shovel (Model SSF405, 2605602), covering operation, safety, assembly, maintenance, and troubleshooting for efficient snow removal.</p>
	<p>Greenworks 12\" 40V Cordless Snow Shovel Owner's Manual & Safety Guide</p> <p>Comprehensive owner's manual and safety instructions for the Greenworks 12\" 40V Cordless Snow Shovel (Model 2600702). Learn about assembly, operation, maintenance, troubleshooting, and warranty.</p>
	<p>Greenworks 40V 20\" Cordless Snow Thrower 26272 Owner's Manual</p> <p>Comprehensive owner's manual for the Greenworks 40V 20\" Cordless Snow Thrower (Model 26272). Includes safety precautions, assembly instructions, operating procedures, maintenance guidelines, troubleshooting tips, and warranty information.</p>



[Greenworks 12" 40V Cordless Snow Shovel \(Model 2600400\) Owner's Manual](#)

Comprehensive owner's manual for the Greenworks 12-inch 40V Cordless Snow Shovel (Model 2600400). Includes safety instructions, operating procedures, assembly, maintenance, troubleshooting, and warranty details.



[Greenworks 40V 20" Cordless Snow Thrower 26272 Owner's Manual](#)

Official owner's manual for the Greenworks 40V 20" Cordless Snow Thrower (Model 26272). Contains safety instructions, assembly, operation, maintenance, troubleshooting, and warranty information for efficient snow clearing.