

## Greenworks SS80L251CO

# Greenworks 80V 12-inch Brushless Snow Shovel Instruction Manual

Model: SS80L251CO

Brand: Greenworks

## 1. INTRODUCTION

The Greenworks 80V 12-inch Brushless Snow Shovel is designed for efficient and quiet snow removal. Powered by advanced lithium-ion technology and a durable brushless motor, this cordless snow shovel offers reliable performance for clearing sidewalks, driveways, decks, and patios. Its compact design, 12-inch clearing width, 8-inch clearing depth, adjustable directional vane, and integrated LED light make winter cleanup effortless.

## 2. SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating the snow shovel. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Personal Safety:** Wear appropriate winter clothing, including non-slip footwear and eye protection. Keep hands, feet, and loose clothing away from moving parts.
- **Area Safety:** Inspect the area to be cleared for foreign objects such as rocks, toys, or debris that could be thrown by the snow shovel. Clear these objects before operation.
- **Battery Safety:** Use only the specified battery and charger. Do not charge batteries in wet or damp conditions. Store batteries indoors in a dry place.
- **Operation:** Do not operate the snow shovel on slopes that are too steep. Always maintain proper footing and balance. Never direct discharge towards people or property.

## 3. PACKAGE CONTENTS

Verify that all items are included in your package:

- Greenworks 80V 12-inch Brushless Snow Shovel

- (1) 4Ah Lithium-Ion Battery
- Fast Charger
- Instruction Manual

## 4. ASSEMBLY

The Greenworks 80V 12-inch Brushless Snow Shovel requires minimal assembly. Typically, this involves attaching the handle to the main unit. Ensure all connections are secure before use.

1. Align the upper handle with the lower handle section.
2. Secure the handle sections using the provided fasteners, ensuring they are tightened firmly.
3. Adjust the auxiliary handle to a comfortable operating position and tighten its locking mechanism.



Figure 1: Front view of the assembled Greenworks 80V 12-inch Brushless Snow Shovel. The image shows the green and black main unit with the 12-inch clearing width, the long shaft, and the handle with the battery compartment at the top.

## 5. SETUP

### Charging the Battery

Before first use, fully charge the 4Ah lithium-ion battery. The fast charger is designed to quickly prepare your battery for operation.

1. Connect the charger to a standard power outlet.
2. Slide the 4Ah battery into the charger until it clicks into place.
3. Monitor the indicator lights on the charger to confirm charging status. A full charge typically takes approximately 50 minutes.
4. Once fully charged, remove the battery from the charger.

### Inserting the Battery

Insert the charged battery into the snow shovel's battery compartment located at the top of the handle. Ensure it clicks securely into place.



Figure 2: The Greenworks 80V 4.0 Ah battery and its dedicated fast charger. The battery features an indicator for charge level.

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Video 1: Demonstrates the quick and easy process of inserting and removing the Greenworks 80V battery into the snow shovel, and checking the battery charge level.

**Cold Start Tip:** If the unit does not start in cold conditions, remove the battery and allow it to warm indoors for 10 minutes or more. Reinstall the battery for a quick and successful start.

## 6. OPERATING INSTRUCTIONS

The Greenworks 80V Snow Shovel is designed for efficient clearing of light to moderate snowfalls.

### Starting the Snow Shovel

1. Ensure the battery is fully charged and securely inserted.

2. Press the safety button on the handle.
3. Squeeze the trigger to start the brushless motor. The unit will begin operating.

## Clearing Snow

- The snow shovel features a **12-inch clearing width** and an **8-inch clearing depth**, making it suitable for various surfaces.
- Push the snow shovel forward at a steady pace, allowing the auger to clear the snow. Avoid forcing the unit through heavy snow.
- Utilize the **directional vane control** to adjust where the snow is discharged. This allows you to throw snow exactly where desired, up to 25 feet.
- The integrated **LED headlights** provide illumination for clearing snow in low-light conditions, such as dawn or dusk.
- The brushless motor ensures **ultra-quiet operation** compared to gas-powered alternatives.



Figure 3: Illustration of the snow shovel's 12-inch clearing width and 8-inch clearing depth, demonstrating its capability to clear a path through snow.

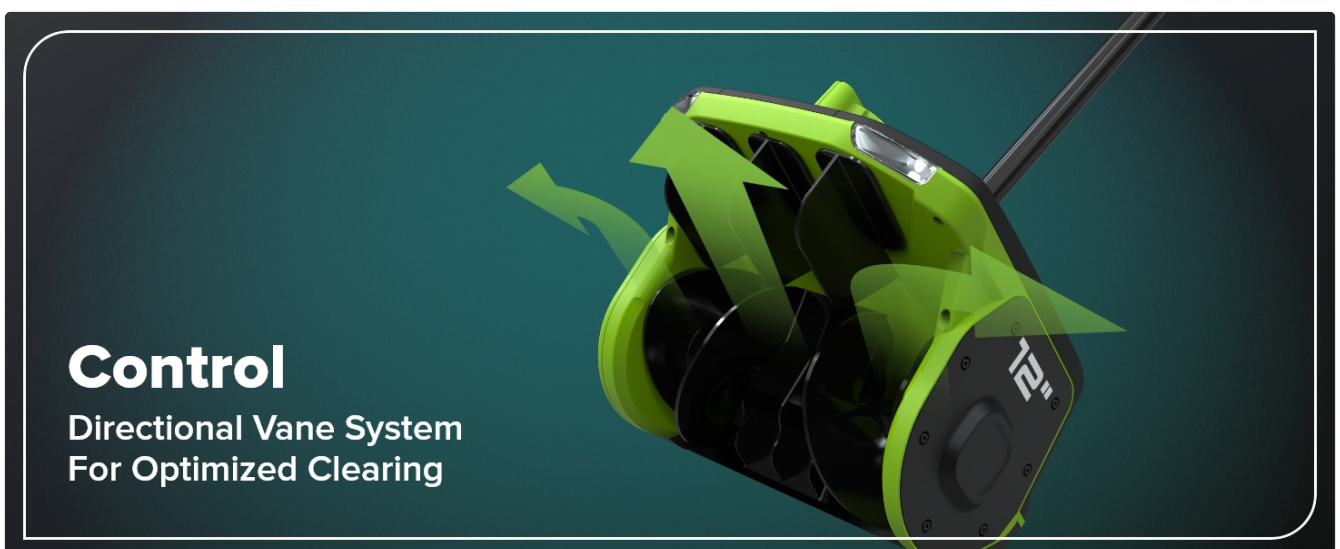


Figure 4: Close-up view of the directional vane system on the snow shovel, highlighting its adjustable settings for optimized clearing.

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Video 2: A demonstration of the Greenworks 80V 12-inch Brushless Snow Shovel in action, clearing snow from a path. This video highlights its performance and ease of use.



## 7. MAINTENANCE

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

- **Cleaning:** After each use, remove any snow, ice, or debris from the auger housing and exterior surfaces. Use a damp cloth; do not use harsh chemicals.
- **Storage:** Store the snow shovel and battery in a dry, protected area away from direct sunlight and extreme temperatures. Remove the battery from the unit before storage.
- **Battery Care:** Keep the battery charged, especially during off-season storage. Avoid fully discharging the battery for extended periods.

## 8. TROUBLESHOOTING

Refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not start.	Battery is cold or not fully charged.	Remove the battery and warm it indoors for 10 minutes or more. Ensure the battery is fully charged before reinserting.
Reduced snow throwing distance.	Wet, heavy snow or clogged auger.	Clear any clogs from the auger housing (ensure unit is off and battery removed). Adjust pace for wet snow.
Excessive vibration.	Loose fasteners or damaged auger.	Check all fasteners and tighten as necessary. Inspect the auger for damage; contact support if damaged.

## 9. SPECIFICATIONS

Feature	Detail
Product Dimensions	68.11 x 14.41 x 12.52 inches
Item Weight	30.9 pounds
Item Model Number	SS80L251CO
Batteries	1 Lithium Ion battery required (included)
Brand	Greenworks
Power Source	DC
Color	Green
UPC	195526175575

## 10. WARRANTY AND SUPPORT

The Greenworks 80V 12-inch Brushless Snow Shovel comes with a **4-Year Tool Warranty**. For warranty claims, technical assistance, or replacement parts, please contact Greenworks customer support. Refer to the official Greenworks website or your product registration for detailed warranty terms and contact information.



Figure 5: Image highlighting the 4-Year Tool Warranty provided by Greenworks for their products.