Garvee NEWSNOWBLOWER

Garvee 20-inch Cordless Electric Snow Blower User Manual

Model: NEWSNOWBLOWER

Introduction

This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your Garvee 20-inch Cordless Electric Snow Blower. Please read all instructions carefully before using the product to ensure proper function and to prevent injury or damage.

Safety Information

Always prioritize safety when operating power equipment. Failure to follow these safety guidelines may result in serious injury or property damage.

General Safety

- **Read the entire manual:** Understand all instructions and warnings before operation.
- **Wear appropriate attire:** Use safety glasses, hearing protection, and non-slip footwear. Avoid loose clothing that could get caught in moving parts.
- **Clear the area:** Before starting, remove all objects such as rocks, toys, or debris from the area to be cleared. These can be thrown by the snow blower.
- **Keep bystanders away:** Ensure children, pets, and other people are at a safe distance from the operating area.
- **Operate in daylight or good artificial light:** The snow blower is equipped with LED lights for low-light conditions, but always ensure adequate visibility.
- **Never direct discharge towards people or property:** Thrown objects can cause injury or damage.
- **Do not operate on steep slopes:** Exercise extreme caution when operating on slopes. Clear snow across the face of slopes, never up or down.
- **Stay alert:** Pay attention to what you are doing and use common sense. Do not operate when tired or under the influence of drugs, alcohol, or medication.

Electrical Safety

- **Use only specified batteries and charger:** Using other batteries or chargers may create a risk of injury and fire.
- **Do not expose batteries to water or wet conditions:** Water entering a battery pack may increase the risk of electric shock or malfunction.
- **Store batteries properly:** Keep batteries away from metal objects that could short the terminals.
- **Do not incinerate batteries:** Batteries can explode when exposed to fire.

Package Contents

Verify that all items are present upon unpacking:

- Garvee 20-inch Cordless Electric Snow Blower Unit
- Upper Handlebar Assembly
- Lower Handlebar Assembly
- Discharge Chute Assembly
- Chute Crank Bar
- 2 x 20V 4.0Ah Lithium-Ion Batteries
- Dual Port Battery Charger
- Hardware Pack (screws, knobs, rubber washers)
- User Manual

Assembly

Follow these steps to assemble your snow blower. A Phillips head screwdriver and a hex wrench (often included) may be required.

1. Attach Lower Handlebar

1. Align the lower handlebar with the mounting points on the main unit. Ensure the chute crank bar mounting hole on the lower handlebar is positioned correctly (typically facing upwards).
2. Secure the lower handlebar using the provided screws and knobs. Ensure all connections are tight.

2. Attach Upper Handlebar

1. Slide the upper handlebar into the lower handlebar. Adjust to a comfortable height and secure with the locking knobs or pins.

3. Assemble Discharge Chute

1. Place the discharge chute onto the snow blower's discharge opening.
2. Connect the chute crank bar to the chute mechanism and secure it to the handlebar using the designated hardware. Ensure the chute rotates freely when the crank is turned.
3. Attach the chute angle adjustment mechanism. Note: Two extra rubber washers are typically used on the bolts for the chute to ensure a secure fit and reduce vibration.

4. Charge Batteries

1. Insert both 20V 4.0Ah lithium-ion batteries into the dual port charger.
2. Plug the charger into a standard electrical outlet. The indicator lights on the charger will show the charging status (e.g., red for charging, green for fully charged).
3. Allow approximately 90 minutes for a full charge of both batteries.

Image: The dual port charger with two 20V 4.0Ah batteries inserted, showing the charging process. A full charge takes approximately 90 minutes.

Operation

Familiarize yourself with the controls and operating procedures before clearing snow.

1. Battery Installation

1. Ensure both batteries are fully charged.
2. Insert the charged batteries into the battery compartments on the snow blower until they click into place.

2. Starting the Snow Blower

1. Press and hold the safety button (usually green, located on the side of the handle).
2. While holding the safety button, pull the bail switch bar towards the handle.
3. Release the safety button once the motor starts. The snow blower will continue to run as long as the bail switch bar is held.

3. Clearing Snow

- Push the snow blower forward at a steady pace. The unit is designed to clear a **20-inch width** and up to **10 inches deep** in a single pass.
- For deeper or very heavy snow, reduce your forward speed or take narrower passes.

Image: The snow blower in operation, illustrating its 20-inch clearing width and maximum 11-inch clearing depth.

Image: An aerial view demonstrating the snow blower's capability to clear 300-500 square feet in 20-40 minutes, suitable for driveways.

4. Adjusting the Discharge Chute

- Use the chute crank bar to rotate the discharge chute up to **180 degrees**, directing snow to the left or right.
- Adjust the chute deflector (top flap) to control the throwing height. The deflector can be adjusted up to **40 degrees** (up/down).
- The snow blower can throw snow up to **23 feet** (7 meters) away, depending on snow conditions and chute adjustment.

Image: Close-up of the snow blower's discharge chute, highlighting its 180-degree directional and 40-degree height adjustment capabilities.

Image: A person operating the snow blower, demonstrating its ability to throw snow a significant distance, up to 19.6 feet.

5. Using LED Lights

- The snow blower is equipped with dual LED headlights for improved visibility during early morning or late evening operation.
- The lights activate automatically when the unit is powered on.

6. Stopping the Snow Blower

- Release the bail switch bar to stop the motor.
- Always remove the batteries when the snow blower is not in use or before performing any maintenance.

Image: A person operating the snow blower, highlighting its 20-40 minute runtime, sufficient for clearing a 3-4 car driveway.

Maintenance

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

1. Cleaning

- After each use, remove the batteries and clean any snow, ice, or debris from the auger housing, discharge chute, and exterior surfaces.
- Use a damp cloth for cleaning. Do not use harsh chemicals or abrasive cleaners.
- Ensure all parts are dry before storage.

2. Storage

- Store the snow blower in a dry, protected area away from direct sunlight and extreme temperatures.
- Remove batteries from the unit before long-term storage.

3. Battery Care

- Store batteries in a cool, dry place, ideally at room temperature.
- For long-term storage, charge batteries to approximately 50% capacity. Avoid storing fully charged or completely depleted batteries.
- Recharge batteries every 3-6 months during extended storage to maintain their health.

Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Snow blower does not start.	Batteries not inserted correctly or not charged. Safety button not pressed. Bail switch not engaged.	Ensure batteries are fully charged and properly seated. Press the safety button before pulling the bail switch.
Reduced throwing distance or clogged chute.	Wet, heavy snow. Chute deflector angle too low. Debris in chute.	Clear snow at a slower pace. Adjust chute deflector to a higher angle. **Turn off unit and remove batteries**, then clear any blockage with a clean-out tool.
Motor runs, but auger does not turn.	Obstruction in auger housing. Drive belt (if applicable) is broken or loose.	**Turn off unit and remove batteries**, then inspect auger for obstructions. If a belt issue is suspected, contact customer support.
Short operating time.	Batteries not fully charged. Batteries are old or damaged. Very heavy snow conditions.	Ensure batteries are fully charged before use. Consider replacing old batteries. Reduce load by taking narrower passes.

Specifications

Feature	Specification
Model Number	NEWSNOWBLOWER
Power Source	Battery Powered (Brushless Motor)
Battery Type	2 x 20V 4.0Ah Lithium-Ion
Charging Time	Approx. 90 minutes (for both batteries)
Clearing Width	20 inches (50.8 cm)
Clearing Depth (Max)	10 inches (25.4 cm)
Throwing Distance (Max)	23 feet (7 meters)
Chute Rotation	180 degrees
Chute Deflector Adjustment	40 degrees (up/down)

Feature	Specification
Lights	Dual LED Headlights
Product Dimensions (L x W x H)	102.87 x 44.45 x 49.53 cm (40.5 x 17.5 x 19.5 inches)
Product Weight	13.98 kg (30.8 lbs)

Warranty and Support

Garvee products are manufactured to high-quality standards. For warranty information, technical support, or to order replacement parts, please refer to the warranty card included with your product or visit the official Garvee website. Keep your purchase receipt as proof of purchase.

© 2025 Garvee. All rights reserved.