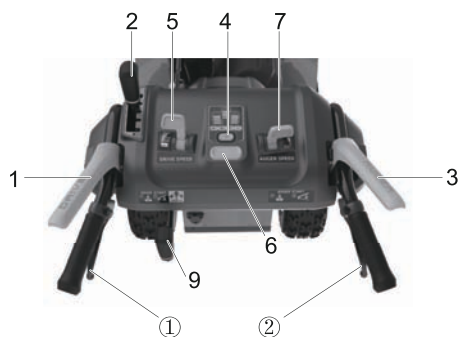
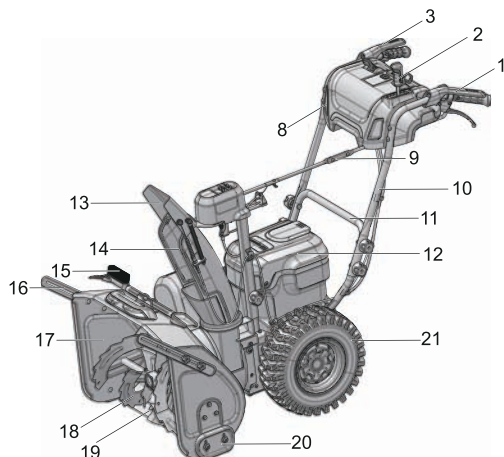


1 DESCRIPTION

1.1 PURPOSE

This product has been designed and built to remove and clear away snow from pavements, drives and other ground-level surfaces.

1.2 OVERVIEW



- 1 Self-propelled drive paddle
- 2 Chute deflector adjustment handle
- 3 Auger engagement paddle
- 4 Led headlight button
- 5 Self propelled drive speed control switch
- 6 ON/OFF button
- 7 Auger speed control switch
- 8 Led headlight
- 9 Discharge chute control rod
- 10 Upper handle
- 11 Lower handle
- 12 Battery compartment

- 13 Chute deflector
- 14 Discharge chute
- 15 3-in-1 Cleanout Tool
- 16 Drift cutter
- 17 Intake housing
- 18 Auger
- 19 Scraper plate
- 20 Skid shoe
- 21 Wheel
- ① Left zero turn trigger
- ② Right zero turn trigger

2 GENERAL APPLIANCE SAFETY WARNINGS

▲ WARNING

Read all safety warnings and all instructions.
Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "appliance" in the warnings refers to your battery-operated (cordless) snow thrower.

- Do not allow children under the age of 14 to operate this tool. Children who are 14 years of age or older must read and understand the operating instructions and safety rules in this manual and must be trained and supervised by a parent.
- Read the operating and service instruction manual carefully. Be thoroughly familiar with the controls and the proper use of the appliance. Know how to stop the unit and disengage the controls quickly.
- Never allow children to operate the appliance. Never allow adults to operate the appliance without proper instruction.
- Keep the area of operation clear of all persons, particularly small children, and pets.
- Exercise caution to avoid slipping or falling, especially when operating in reverse.
- Do not use on graveled surfaces.
- Dress Properly – Do not wear loose clothing or jewelry. They can be caught in moving parts.
- Wear rubber boots when operating the appliance.
- Operation of the appliance in the hand-held position is unsafe, except in accordance with the special instructions for such use provided in the operator's manual.
- Thoroughly inspect the area where the appliance is to be used and remove all doormats, sleds, boards, wires, and other foreign objects.
- Do not operate the appliance without wearing adequate winter garments. Wear footwear, which will improve footing on slippery surfaces.

- Adjust the housing height to clear gravel or crushed rock surface.
- Never attempt to make any adjustments while the appliance is running (except where specifically recommended by manufacturer).
- Always wear safety glasses or eye shields during operation or while performing an adjustment or repair to protect eyes from foreign objects that may be thrown from the appliance.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energizing appliance that have the switch on invites accidents.
- Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing appliance. Such preventive safety measures reduce the risk of starting the appliance accidentally.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screw or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- Exercise extreme caution when operating on or crossing gravel drives, walks, or roads. Stay alert for hidden hazards or traffic.
- After striking a foreign object, turn the machine off and remove the battery pack, and then inspect it for damage. Repair any damage before restarting and using the machine.
- If the appliance should start to vibrate abnormally, stop the machine and check immediately for the cause. Vibration is generally a warning of trouble.
- Stop the machine whenever you leave the operating position, before unclogging the collector/impeller housing or discharge guide, and when making any repairs, adjustments, or inspections.
- When cleaning, repairing, or inspecting, make certain the collector/impeller and all moving parts have stopped.
- Exercise extreme caution when operating on slopes.
- Never operate the appliance without proper guards, keep other safety protective devices in place and working.
- Never direct the discharge toward people or areas where property damage can occur. Keep children and others away.
- Don't Overreach – Keep proper footing and balance at all times.
- Do not overload the machine capacity by attempting to clear snow at too fast a rate.
- Don't Force appliance – It will perform better and safer at the rate for which it was designed.
- Never operate the appliance at high transport speeds on slippery surfaces. Use care when reversing.
- Never direct discharge at bystanders or allow anyone in front of the appliance.
- Disengage power to the auger/impeller when the appliance is transported or not in use.
- Use only attachments and accessories approved by the manufacturer of the appliance (such as wheel weights, counterweights, or cabs).
- Never operate the appliance without good visibility or light. Always be sure of your footing, and keep a firm hold on the handles.
- Walk, never run.
- Clear snow when discharger chute is clogged.
- The machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the machine by a person responsible for their safety. Children should be supervised to ensure that they do not play with the machine.
- Hand contact with the rotating impeller inside the discharge chute is the most common cause of injury associated with this type of appliance. Never use your hand to clean out the discharge chute. To clear the chute:
 1. SHUT THE ENGINE (Motor) OFF!
 2. Wait 10 seconds to be sure the impeller blades have stopped rotating.
 3. Always use a clean-out tool, not your hands.
- If the appliance strikes a foreign object follow these steps:
 1. Stop the appliance. Release the switch.
 2. Remove the battery pack.
 3. Inspect for damage.
 4. Repair any damage before restarting and operating the appliance.
- Check shear bolts; engine-mounted bolt, etc., at frequent intervals for proper tightness to be sure the appliance is in safe working condition.
- Always refer to owner's guide instructions for important details if the appliance is to be stored for an extended period.

- Store idle appliances indoors – When not in use, the appliances should be stored indoors in a dry, locked-up place – out of reach of children.
- Check shear bolts and other bolts at frequent intervals for proper tightness to be sure the equipment is in safe working condition.
- Run the appliance a few minutes after throwing snow to prevent freeze-up of the auger/impeller.
- Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- Do not expose a battery pack or appliance to fire or excessive temperature space. Exposure to fire or temperature above 265°F (130°C) may cause explosion.
- Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.
- Maintain appliance with care - follow instructions for changing accessories.
- Maintain or replace safety and instructions labels, as necessary.











3 RECOMMENDED AMBIENT TEMPERATURE RANGE:

Item	Temperature
Snow shovel storage temperature range	1.4 °F (-17 °C) ~ 113 °F (45 °C)
Snow shovel operation temperature range	1.4 °F (-17 °C) ~ 113 °F (45 °C)
Battery charging temperature range	39 °F (4 °C) ~ 104 °F (40 °C)
Charger operation temperature range	39 °F (4 °C) ~ 104 °F (40 °C)
Battery discharging temperature range	1.4 °F (-17 °C) ~ 113 °F (45 °C)

Item	Temperature
Battery storage temperature range	32 °F (0 °C) ~ 113 °F (45 °C)




4 SYMBOLS ON THE PRODUCT

Some of the following symbols may be used on this tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and safer.

Symbol	Explanation
	Direct current
	Precautions that involve your safety.
	Read and understand all instructions before operating the product, and follow all warnings and safety instructions.
	Wear eye protection.
	Thrown objects can ricochet and result in personal injury or property damage. Wear protective clothing and boots.
	Keep bystanders a safe distance from the machine.
	Keep hands away from the discharge area.
	Stay away from moving parts. Keep all guards and shields in place.
	Keep feet out of impeller. Keep feet away from rotating impeller.
	Stop the motor and remove the battery before leaving the product.

5 RISK LEVELS

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYM-BOL	SIGNAL	MEANING
	DANGER	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	WARNING	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	CAUTION	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	CAUTION	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

6 SERVICE

Servicing requires extreme care and knowledge and must be performed only by a qualified service technician. For service we suggest you return the machine to your nearest AUTHORIZED SERVICE CENTER for repair. Use only identical manufacturer's replacement parts and accessories.

7 ENVIRONMENTALLY SAFE BATTERY DISPOSAL



The toxic and corrosive materials below are in the batteries used in this machine: **Lithium-Ion, a toxic material.**

▲ WARNING

Discard all toxic materials in a specified manner to prevent contamination of the environment. Before discarding damaged or worn out Li-ion battery, contact your local waste disposal agency, or the local Environmental Protection Agency for information and specific instructions. Take the batteries to a local recycling and/or disposal center, certified for lithium-ion disposal.

▲ WARNING

If the battery pack cracks or breaks, with or without leaks, do not recharge it and do not use. Discard it and replace with a new battery pack. **DO NOT TRY TO REPAIR IT!** To prevent injury and risk of fire, explosion, or electric shock, and to avoid damage to the environment:

- Cover the terminals of the battery with heavy-duty adhesive tape.
- **DO NOT** try to remove or destroy any of the battery pack components.
- **DO NOT** try to open the battery pack.
- If a leak develops, the released electrolytes are corrosive and toxic. **DO NOT** get the solution in the eyes or on skin, and do not swallow it.
- **DO NOT** put these batteries in your regular household trash.
- **DO NOT** incinerate.
- **DO NOT** put them where they will become part of any waste landfill or municipal solid waste stream.
- Take them to a certified recycling or disposal center.

8 PROPOSITION 65

▲ WARNING

This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm. Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints;
- Crystalline silica from bricks and cement and other masonry products;
- Arsenic and chromium from chemically treated lumber.

Your risk of exposure to these chemicals varies depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

Save these instructions.

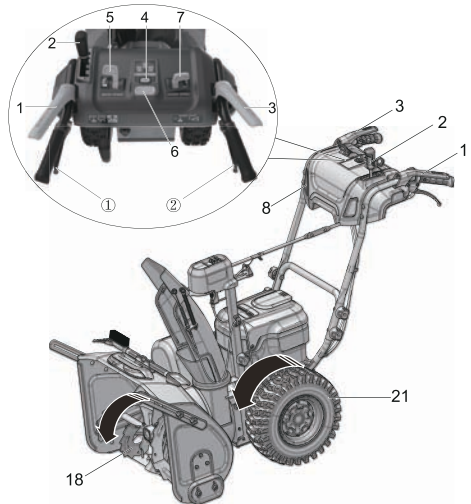
9 INSTALLATION

▲ WARNING

Do not change or use accessories that are not recommended by the manufacturer.

① ②	Zero turn trigger	Turn assist handles for quick and effortless steering. This machine is equipped with zero turn system, which gives the machine accurate and smooth steering without deviation.
2	Chute deflector control handle	The chute deflector can be adjusted up and down to adjust the throwing distance of snow.
3	Auger/impeller control trigger	The auger/impeller can be started to rotate when machine is moving. Rotating auger/impeller breaks snow easily and clears snow quickly.
4	LED headlight button	Push button (A, B, C, D) to adjust the rear/front headlights.
E	Battery indicator	Power display for each battery (3 pcs).
5	Self-propelled drive speed control switch	Allows operators to select a comfortable driving speed. It gives 3 forward speed and 1 backward self-propelled and 1 neutral.
6	ON/OFF button	The ON/OFF button is used to turn the machine on and off.
7	Auger/impeller speed control switch	Adjust the switch to control the auger/impeller run fast or slowly.
9	Chute control rod	Control the 200° adjustable discharge chute to turn to multiple different directions.

10.3 START AND STOP THE AUGER/IMPELLER



To start auger/impeller:

- Push the ON/OFF button (6).
- Depress and hold the auger paddle (3).

i NOTE

Finish these 2 actions within 5 seconds.

To stop auger/impeller:

- Release the auger paddle (3).

i NOTE

Lower the scraper to the ground to remove the snow.

▲ WARNING

Keep bystanders a safe distance from the machine.

▲ WARNING

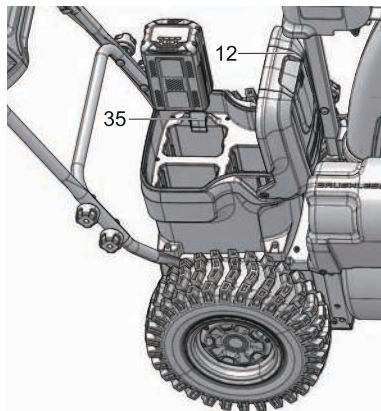
Examine the work area. Remove all stones, sticks, wire, bones, and other debris that can ricochet because of the rotating impeller.

10.4 ADJUST THE AUGER SPEED

(If the unit is in the OFF position):

1. Push the ON/OFF button (6)
2. Depress and hold the auger paddle (3).
3. To increase the auger speed, push the auger speed lever (7) forward.
4. To decrease the auger speed, pull the auger speed lever (7) backwards.

9.5 INSTALL THE BATTERY PACK



▲ WARNING

- If the battery pack or charger is damaged, replace the battery pack or the charger.
- Stop the machine and wait until the engine stops before you install or remove the battery pack.
- Read, know, and do the instructions in the battery and charger manual.

i NOTE

Install two batteries for operation or three for extended runtime.

1. Open the battery door.
2. Align the lift ribs on the battery pack with the grooves in the battery compartment.
3. Push the battery pack into the battery compartment until the battery pack locks into place.
4. When you hear a click, the battery pack is installed.
5. Close the battery door (12).

9.6 REMOVE THE BATTERY PACK

1. Open the battery door (11).
2. Push and hold the battery release button.
3. Remove the battery pack from the machine.

10 OPERATION

▲ WARNING

Wear eye protection during operation.

10.1 COLD WEATHER OPERATION

The safe battery operation temperature ranges from 1°F (-17°C) to 113°F (45°C).

▲ WARNING

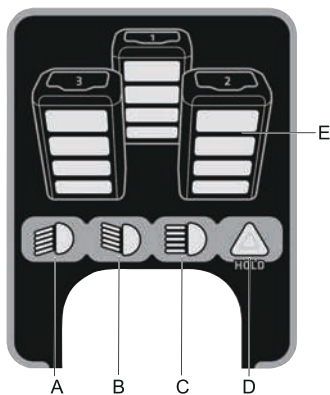
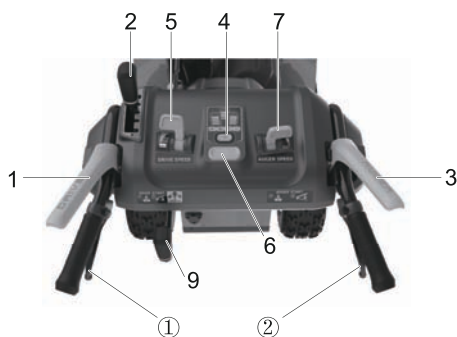
Do not store or charge battery outside.

Battery must be charged and stored indoors prior to use of the machine.

If the machine does not start:

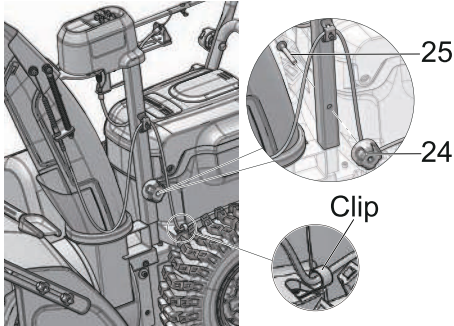
- remove the battery pack from the machine,
- charge the battery pack to 15 minutes in warm area, or when the charging light turns green.
- Install the battery pack back in the unit.

10.2 KNOW THE CONTROL PANEL



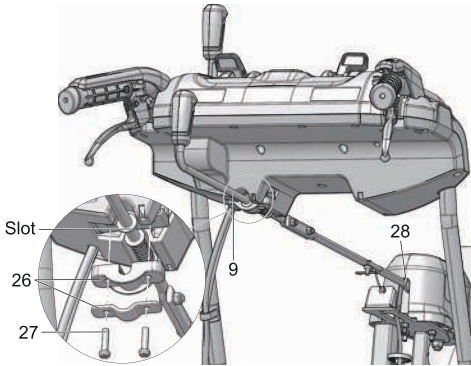
No.	Name	Function
1	Self-propelled drive paddle	This machine allows self propelled drive mode that it can walk itself. Self propelled drive mode brings you easy operation.

1. Loosen the knob (24) and bolt (25) on the discharge chute assembly (14).
2. Align the holes on the discharge chute with the holes on the lower support.
3. Once you have engaged the discharge chute onto the chute base, push until you hear a click.



4. Insert the bolt (25) through the holes and tighten with the knob (24).
5. Fix the wire by rolling up the clip.

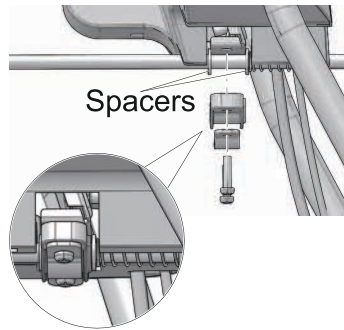
9.4 INSTALL THE CHUTE CONTROL ROD



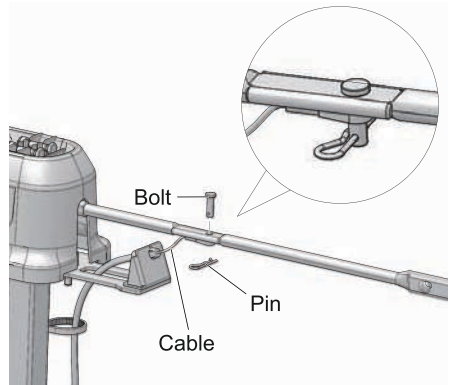
1. Make sure that the discharge chute faces forward.
2. Keep the grip handle up.
3. Push the chute control rod (9) through the slot below the control panel.
4. Put the end of the chute control rod (9) straight through the hole of the chute support (28).
5. Align the holes on the bracket (26) with the holes below the control panel. Tighten with the bolts (27).

i NOTE

Make sure that the bracket is in the middle of the spacers.



6. Pull the cable to attach onto bottom of the rod. Align the holes, insert the bolt through the holes and lock with the pin.



7. Pull the grip handle back and then turn the grip handle left and right to make sure that the discharge chute moves in the desired direction.

Do not install battery pack until you assemble all the parts.

9.1 UNPACK THE MACHINE

▲ WARNING

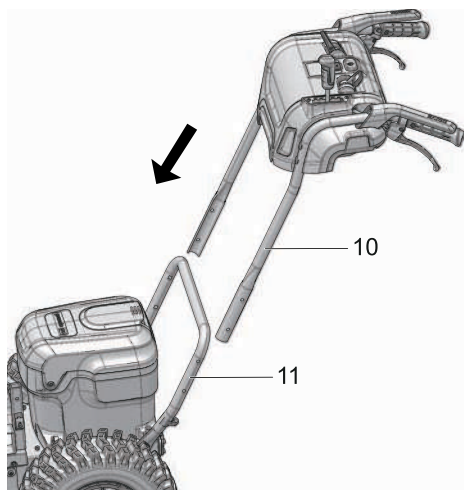
Make sure that you correctly assemble the machine before use.

▲ WARNING

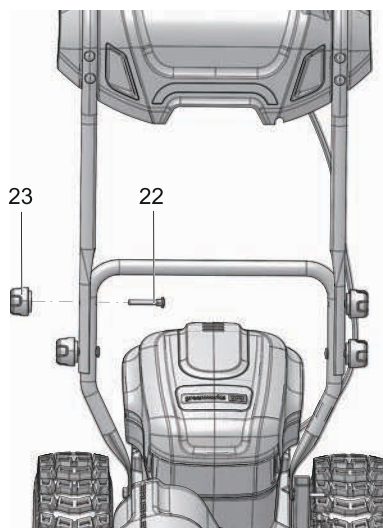
- If the parts are damaged, do not use the machine.
- If you do not have all the parts, do not operate the machine.
- If the parts are damaged or missing, speak to the service center.

1. Open the package.
2. Read the documentation in the box.
3. Remove all the unassembled parts from the box.
4. Remove the machine from the box.
5. Discard the box and package in compliance with local regulations.

9.2 INSTALL THE UPPER HANDLE



1. Align the holes in the middle handle and the upper handle.



2. Insert the bolt (22) through the middle handle and upper handle.
3. Tighten the handle knob (23) onto the bolt (22).
4. Repeat for left/right side.

9.3 INSTALL THE DISCHARGE CHUTE

