Form No. 3352-357 Rev A

Power Shovel Plus

Model No. 38365—Serial No. 260000001 and Up

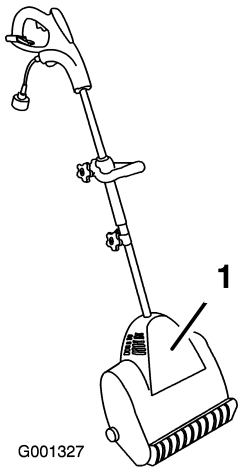
Operator's Manual

Introduction

Read this information carefully to learn how to operate and maintain your product properly and to avoid injury and product damage. You are responsible for operating the product properly and safely.

You may contact Toro directly at www.Toro.com for product and accessory information, help finding a dealer, or to register your product.

Whenever you need service, genuine Toro parts, or additional information, contact an Authorized Service Dealer or Toro Customer Service and have the model and serial numbers of your product ready. The figure below identifies the location of the model and serial numbers on the product. Write the numbers in the space provided.



1. Model and serial number location

Model No. _____

Serial No. _____

This manual identifies potential hazards and has safety messages identified by the safety alert symbol (shown below), which signals a hazard that may cause serious injury or death if you do not follow the recommended precautions.



This manual uses 2 other words to highlight information. **Important** calls attention to special mechanical information and **Note** emphasizes general information worthy of special attention.

Safety

This snowthrower meets or exceeds the ISO standard 8437 in effect at the time of production.

Read and understand the contents of this manual before the motor is ever started.

⚠This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

Improperly using or maintaining this snowthrower could result in injury or death. To reduce this potential, comply with the following safety instructions.

The following instructions have been adapted from the ANSI/OPEI standard B71.3-1995 and the ISO 8437:1989 standard.

Training

- Read the operator's manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment. Know how to stop the unit and disengage the controls quickly.
- Never allow children to operate the snowthrower. Never allow adults to operate the snowthrower without proper instruction.
- Keep the area of operation clear of all persons (particularly small children) and pets.
- Exercise caution to avoid slipping or falling.

Preparation

- Thoroughly inspect the area where you will use the snowthrower. Remove all doormats, sleds, boards, wires, and other foreign objects.
- Release the control bar to disengage the rotor blades before starting the motor.
- Do not operate the snowthrower without wearing adequate winter garments. Wear footwear that will improve your footing on slippery surfaces.

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8111 Lyndale Avenue South
Bloomington, MN 55420

Register at www.Toro.com.

CE

Original Instructions (EN)
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- Never attempt to make any adjustments while the motor is running, except where specifically recommended by Toro.
- Let the motor and the snowthrower adjust to the outdoor temperature before starting to clear snow.
- Operating any powered machine can result in foreign objects being thrown into the eyes. Always wear safety glasses or eye shields while operating, adjusting, or repairing the snowthrower.
- Always ensure that the ventilation openings are kept clear of debris.
- Before use, check the supply and extension cord for signs of damage or aging.

Operation

- Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- Disconnect the machine from the power source before checking, cleaning, or working on the machine and when it is not in use.
- If the cord becomes damaged during use, disconnect the cord from the power supply immediately. Do not touch the cord before disconnecting the power supply.
- Do not use the machine if the cord is damaged or worn.
- Keep extension cords away from the rotor blades.
- The power supply used with the appliance should be a residential current device (RCD) with a tripping current of not more than 30 mA.
- Exercise extreme caution when crossing gravel drives, walks, or roads. Stay alert for hidden hazards or traffic.
- Do not attempt to clear snow from a crushed-rock or gravel surface. This product is intended for use only on paved surfaces.
- After striking a foreign object, stop the motor, thoroughly inspect the snowthrower for any damage, and repair the damage before operating the snowthrower.
- If the unit should start to vibrate abnormally, stop the motor and check immediately for the cause. Vibration is generally a warning of trouble.
- Stop the motor whenever you leave the operating position, before unclogging the discharge chute, and when making any repairs, adjustments, or inspections.
- When cleaning, repairing, or inspecting, make certain that the rotor blades and all moving parts have stopped.
- Do not clear snow across the face of slopes. Exercise extreme caution when changing direction on slopes. Do not attempt to clear steep slopes.
- Never operate the snowthrower without proper guards, plates, or other safety protective devices in place.
- Never operate the snowthrower near glass enclosures, automobiles, window wells, and drop-offs without properly adjusting the snow discharge angle. Keep children and pets away.
- Do not overload the machine capacity by attempting to clear snow at too fast a rate.
- Look behind and use care when backing up with the snowthrower.
- Never direct the discharge at bystanders or allow anyone in front of the unit.
- Never operate the snowthrower without good visibility or light. Always be sure of your footing, and keep a firm hold on the handle. Walk; never run.

Maintenance and Storage

- Check all fasteners at frequent intervals for proper tightness to be sure that the equipment is in safe working condition.
- Always refer to this operator's manual for important details if the snowthrower is to be stored for an extended period.
- Maintain or replace safety and instruction labels when necessary.
- Examine the Power Shovel Plus thoroughly for worn, loose, or damaged parts. If parts repair or replacement is necessary, contact an Authorized Service Dealer for assistance.
- Run the appliance a few minutes after use to prevent the collector/impeller from freezing up.

Toro Snowthrower Safety

The following list contains safety information specific to Toro products or other safety information that you must know.

- **Rotating rotor blades can injure fingers or hands.** Stay behind the handles and away from the discharge opening while operating the snowthrower. **Keep your face, hands, feet, and any other part of your body or clothing away from moving or rotating parts.**
- Before adjusting, cleaning, repairing, and inspecting the snowthrower, and before unclogging the discharge chute, **stop the motor and wait for all moving parts to stop.**
- Use a stick, **not your hands**, to remove obstructions from the discharge chute.
- **Before** leaving the operating position, stop the motor, and wait for all moving parts to stop.
- Do not wear loose-fitting clothing that could get caught in moving parts.

- If a shield, safety device, or decal is damaged, illegible, or lost, repair or replace it before beginning operation. Also, tighten any loose fasteners.
- **Do not** use the snowthrower on a roof.
- Perform only those maintenance instructions described in this manual. Before performing any maintenance, service, or adjustment, stop the motor and disconnect the cord. If major repairs are ever needed, contact an Authorized Service Dealer.
- Purchase only genuine Toro replacement parts and accessories.

Sound Pressure

This unit has a maximum sound pressure level at the operator's ear of 82 dBA, based on measurements of identical machines per ISO 11201.

Sound Power

This unit has a guaranteed sound power level of 96 dBA, based on measurements of identical machines per EN 3744.

Vibration

This unit does not exceed a hand/arm vibration level of 5.79 m/s2, based on measurements of identical machines per EN 1033.

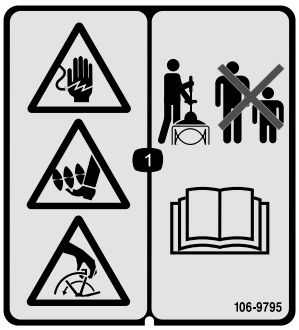
Waste of Electrical/Electronic Equipment (WEEE)



- EU directive 2002/96/EC classifies this product as an electrical or electronic tool.
- **Do Not** dispose of this tool as unsorted municipal waste.
- Dispose of this tool at a collection or recycling center according to local and national law.
- The consumer has an important role in reducing the disposal of waste by returning waste electronic/electrical tools for recycling.
- Recycling avoids the dispersion of hazardous materials into the municipal waste stream.
- The crossed-out bin symbol reminds the user not to dispose of this product as unsorted municipal waste.

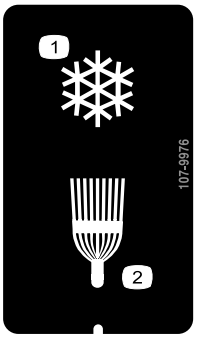
Safety and Instructional Decals

Important: Safety and instruction decals are located near areas of potential danger. Replace damaged decals.



106-9795

1. Electric shock hazard and cutting/dismemberment hazard—keep bystanders a safe distance from the machine and read the *Operator's Manual*.



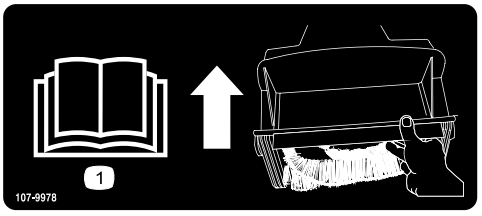
107-9976

1. Snow mode only; this side up. 2. Brush mode only; this side up.



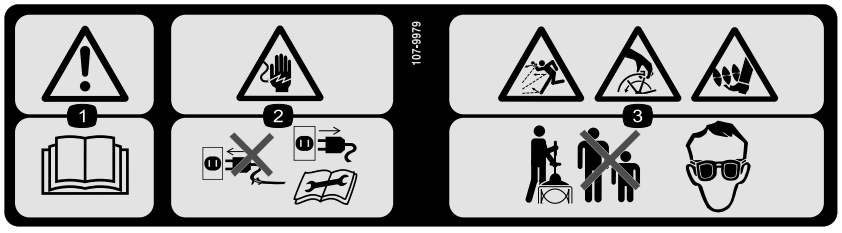
107-9977

1. Read the *Operator's Manual*.



107-9978

1. Read the *Operator's Manual*.



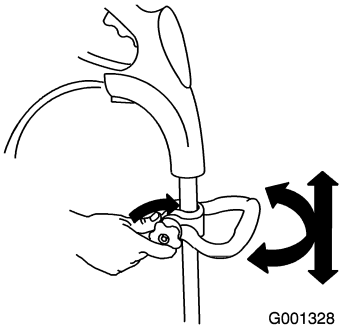
107-9979

1. Warning–read the *Operator's Manual*.
2. Electric shock hazard—do not use a damaged power cord; disconnect the power cord from the power source and read the instructions before servicing or performing maintenance
3. Thrown object; cutting dismemberment, impeller; and cutting dismemberment, auger hazards—keep bystanders a safe distance from the machine; wear eye protection.

Setup

1. Positioning the Assist Handle

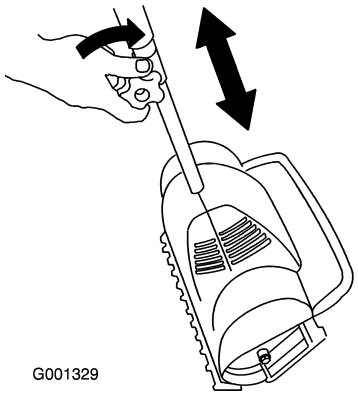
1. Move and rotate the assist handle to a position that is comfortable for you.



2. Tighten the knob.

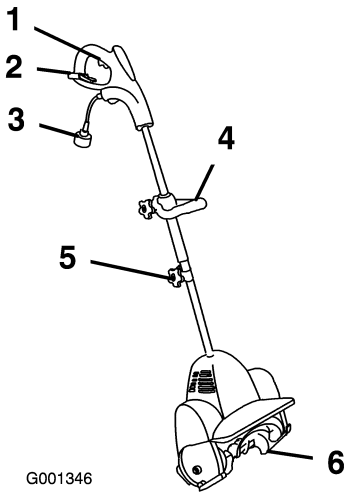
2. Adjusting the Power Shovel Plus Height

1. Set the shaft to a height that is comfortable for you.



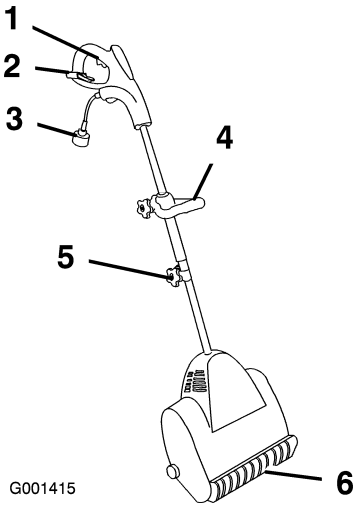
2. Tighten the knob.

Product Overview



Snow Mode

1. Trigger
2. Cord lock system
3. Electric cord connection
4. Assist handle
5. Knob
6. Rotor blades



Broom Mode

1. Trigger
2. Cord lock system
3. Electric cord connection
4. Assist handle
5. Knob
6. Broom

Operation

Preparing the Appliance

For safe and efficient use of your Power Shovel Plus, use only an extension cord recommended for outdoor use.

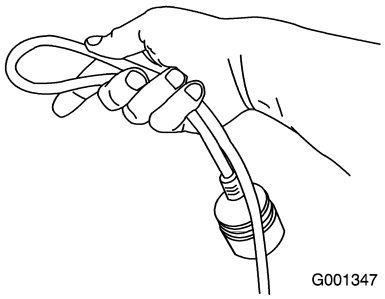
Note: Do not use an extension cord over 150 feet (46 m) long.

Contact with water while operating the product could cause electric shock, causing injury or death.

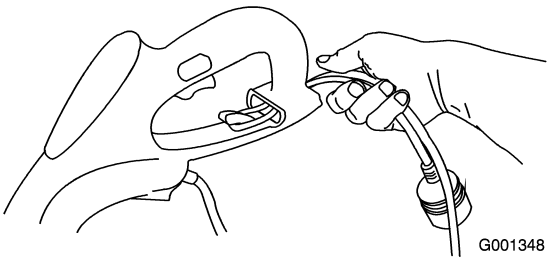
- **Don't handle the plug or the appliance with wet hands or while standing in water.**
- **Use only an extension cord recommended for outdoor cold weather use.**

Important: Check the power cord frequently during use for holes in the insulation. Do not use a damaged cord. Do not run the cord through standing water or wet grass.

1. Make a loop in the extension cord.

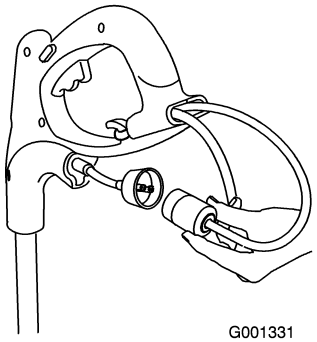


2. Insert the loop through the hole in the back of the upper handle, securing the loop around the hook.



Note: This helps to prevent you from accidently disconnecting the extension cord from the appliance during operation.

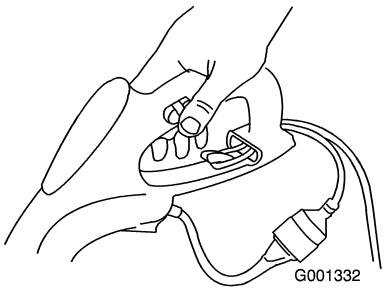
3. Connect the extension cord to the appliance electrical cord.



4. Plug the extension cord into a wall outlet.
5. Keep the area to be cleared free of stones, toys, or other foreign objects which the rotor blades may pick up and throw. Such items could be covered by snowfall and remain unnoticed.

Starting and Stopping

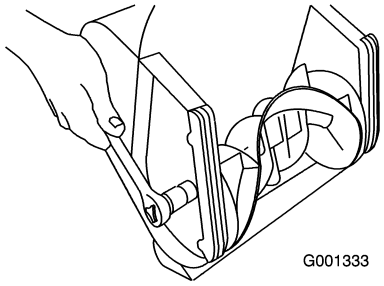
To start the Power Shovel Plus, push the button on the side of the handle grip and squeeze the trigger. To stop the product, release the trigger.



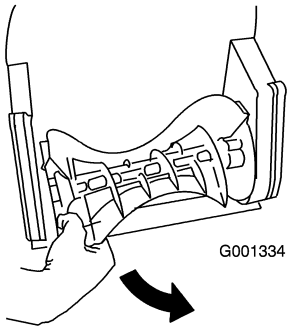
Converting from Snowthrowing to Sweeping

Important: Disconnect the power from the Power Shovel Plus before performing this procedure.

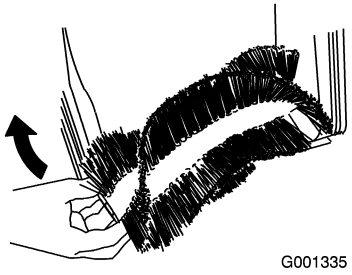
1. Use a 9/16-inch wrench to remove the bolt on the side of the housing.



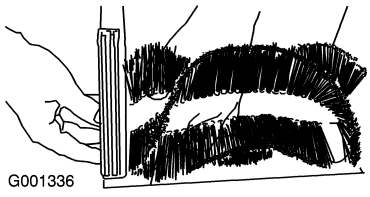
2. Remove the snowthrower rotor from the housing.



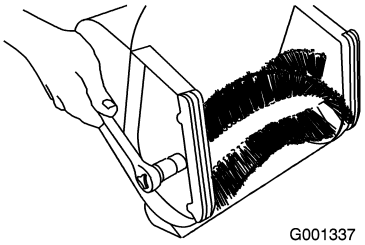
3. Install the broom in the housing.



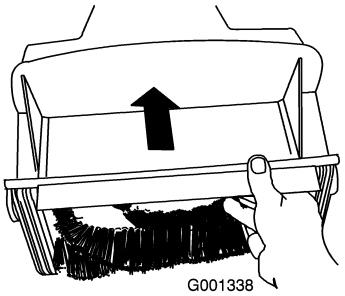
4. Secure the broom with the bolt that you previously removed.



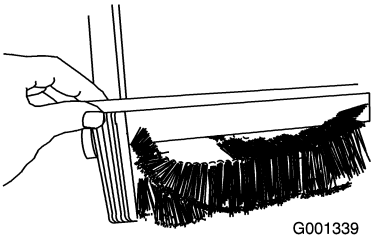
5. Tighten the bolt on the side of the housing.



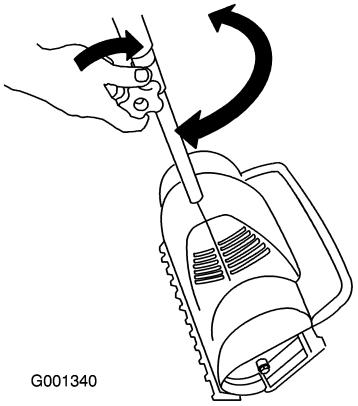
6. Install the deflector.



Note: The deflector snaps into place.

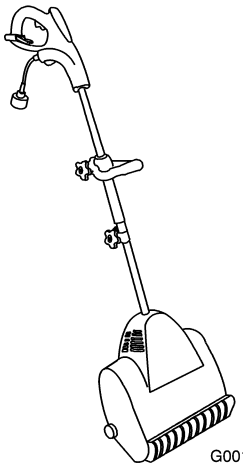


7. Loosen the lower knob on the shaft.



8. Rotate the handle grip to the opposite side of the shaft.

9. Tighten the knob.
10. Ensure that the Power Shovel Plus is in the broom mode as shown.

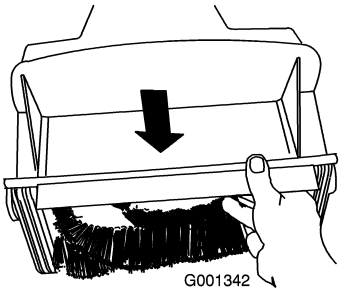


Note: You may need to adjust the length of the shaft to comfortably operate in broom mode. Refer to Adjusting the Power Shovel Plus Height.

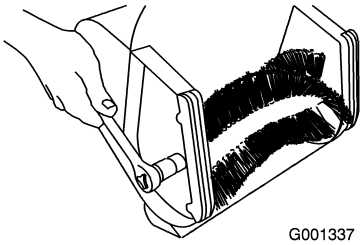
Converting from Sweeping to Snowthrowing

Important: Disconnect the power from the Power Shovel Plus before performing this procedure.

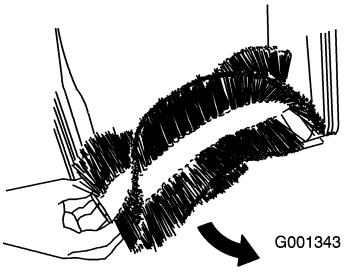
1. Remove the deflector.



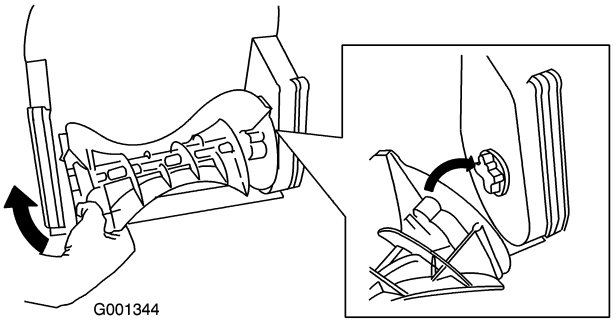
2. Use a 9/16-inch wrench to remove the bolt on the side of the housing.



3. Remove the broom from the housing.

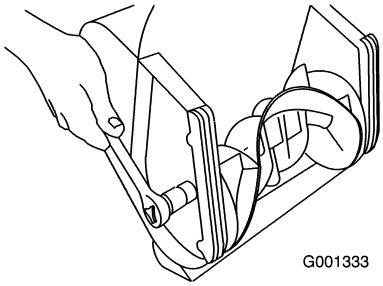


4. Install the rotor in the housing by inserting the end of the rotor onto the fitted end in the housing and rotating the rotor until it snaps into position.



Note: The housing will flex when you install the snowthrower rotor.

5. Tighten the bolt on the side of the housing.

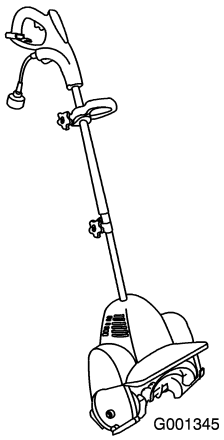


6. Loosen the lower knob on the shaft.



7. Rotate the handle grip to the opposite side of the shaft.

8. Tighten the knob.
9. Ensure that the Power Shovel Plus is in the snowthrower mode as shown.



Note: You may need to adjust the length of the shaft to comfortably operate in snowthrower mode. Refer to Adjusting the Power Shovel Plus Height.

Operating Tips

Snow Mode

- Start the Power Shovel Plus and tilt it forward until the scraper blade contacts the ground. Push the Power Shovel Plus forward at a comfortable rate of speed, yet slow enough to clear the path completely. The width and depth of the snow determines your forward speed.
- Direct the snow to the right or to the left by holding the Power Shovel Plus at a slight angle.
- For the most efficient snow removal, throw the snow downwind, and slightly overlap each swath.
- If you need to clear snow from crushed rock or gravel, push down on the handle to raise the scraper clear of loose material that the rotor blades could throw.
- The Power Shovel Plus can remove snow up to 6 in. (15 cm) deep in one pass. When clearing deeper drifts, hold the Power Shovel Plus by the upper and lower handles and use a swinging or sweeping motion. Remove a maximum of 6 inches (15 cm) with each pass and repeat as many times as required.
- Keep the cord clear of obstructions, sharp objects, and rotor. Do not pull sharply on the cord or abuse it in any manner. Frequently inspect the cord for damage. If it is damaged, replace the cord.
- Disconnect the extension cord after using the Power Shovel Plus. Hang the extension cord with the Power Shovel Plus so it will not be misplaced or damaged.

Broom Mode

- Start the Power Shovel Plus and push it forward at a comfortable rate of speed, yet slow enough to clear the path completely. The width and depth of the debris determines your forward speed. Tilt it forward to increase the contact between the brush and the surface.
- Direct the debris to the right or to the left by holding the Power Shovel Plus at a slight angle.
- For the most efficient debris removal, sweep it downwind, and slightly overlap each swath.
- Keep the cord clear of obstructions, sharp objects, and rotor. Do not pull sharply on the cord or abuse it in any manner. Frequently inspect the cord for damage. If it is damaged, replace the cord.
- Use the broom only on hard, flat surfaces.
- Do not use the broom near or in standing water.
- Disconnect the extension cord after using the Power Shovel Plus. Hang the extension cord with the Power Shovel Plus so it will not be misplaced or damaged.

Maintenance

If the extension cord is plugged into product, someone could accidentally operate it while you are performing maintenance on it, causing serious personal injury.

Disconnect the extension cord before you perform any maintenance.

Recommended Maintenance Schedule(s)

Maintenance Service Interval	Maintenance Procedure
Yearly or before storage	• Prepare the Power Shovel Plus for storage.

Lubricating the Power Shovel Plus

The Power Shovel Plus does not need lubrication; all bearings are lubricated at the factory for the life of the product.

Storage

Preparing the Power Shovel Plus for Storage

1. Examine the Power Shovel Plus thoroughly for worn, loose, or damaged parts. If parts repair or replacement is necessary, contact an Authorized Service Dealer for assistance.
2. Examine the extension cord thoroughly for signs of excess wear or damage. If it is worn or damaged, replace it.
3. Disconnect the extension cord from the Power Shovel Plus before storing.
4. Store the Power Shovel Plus in a clean, dry, locked-up place out of the reach of children and cover it to provide protection.
5. Store the product and extension cord indoors, in a cool dry location, out of reach of children and animals.

   Note: Devices for retaining extension cords are commercially available.



Count on it.