



Electric Power Shovel Plus

Model No. 38360—Serial No. 250000001 and Up

Form No. 3351-214

Operator's Manual



If you have questions or problems, call toll free 1-800-808-2963 (US) or 1-800-808-3072 (Canada) before returning this product.

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE

WARNING—To reduce the risk of fire, electric shock, or injury, follow these safety instructions.

It is essential that you or any other operator of the appliance read and understand the contents of this manual before operating the appliance. Pay particular attention to the safety alert symbol  which means CAUTION, WARNING or DANGER—personal safety instruction. Read and understand the instruction because it has to do with safety. **Failure to comply with these instructions may result in personal injury, risk of fire, or electrical shock.**

Replacement parts—When servicing use only identical replacement parts. Replace or repair damaged cords.

Do not use the appliance on graveled surface unless it is adjusted for such a surface in accordance with the *Operator's Manual*.

Use the broom only on hard, flat surfaces. Using it on surfaces other than those that are recommended will not be covered by the warranty.

This product is intended for outdoor residential use only. **Do not use it indoors or for commercial or industrial purposes.**

Keep children and bystanders away—All visitors should be kept at a distance from the work area.

Dress properly—Do not wear loose clothing or jewelry. They can be caught in moving parts.

Wear rubber boots and eye protection 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*.

Warning—To prevent electric shock, use only with an extension cord suitable for outdoor use.

Warning—To avoid the risk of electric shock, do not immerse in water. Do not use the appliance in or near standing water.

Warning—To avoid the risk of injury from flying debris, do not direct the discharge at others. Make sure that the path in front of the appliance is clear of people.

Extension cords—To prevent disconnection of appliance cord from the extension cord during operation, connect the extension cord to the product as shown in page 4.

Avoid accidental starting—Don't carry the appliance with your finger on the switch. Be sure switch is off when plugging in.

If cord is damaged in any manner while plugged in, pull extension cord from wall receptacle.

Don't abuse cord—Never carry appliance by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.

Keep hands away from moving parts.

Keep guards in place and in working order.

Don't force appliance—It will perform better and safer at the rate for which it was designed.

Don't overreach—Keep proper footing and balance at all times.

If the appliance strikes a foreign object, follow these steps:

- Stop the appliance.
- Inspect for damage.

- Repair any damage before restarting and operating the appliance.

Disconnect appliance—Disconnect the appliance from the power supply when not in use, before servicing, when changing accessories, and the like.

Store idle appliances indoors—When not in use, appliances should be stored indoors in dry, locked place—out of reach of children.

Maintain appliances with care—Follow instructions for changing accessories.

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

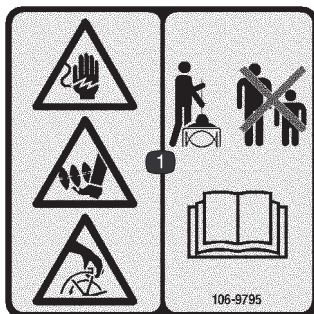
- Don't handle the plug or the appliance with wet hands or while standing in water.
- Use only a UL-listed extension cord recommended for outdoor cold weather use. Refer to Extension Cord Chart on page 4.
- Use only accessories and attachments approved by Toro. Other accessories or attachments may increase the risk of injury.

SAVE THESE INSTRUCTIONS

Safety and Instruction Decals



Safety decals and instructions are easily visible to the operator and are located near any area of potential danger. Replace any decal that is damaged or lost.

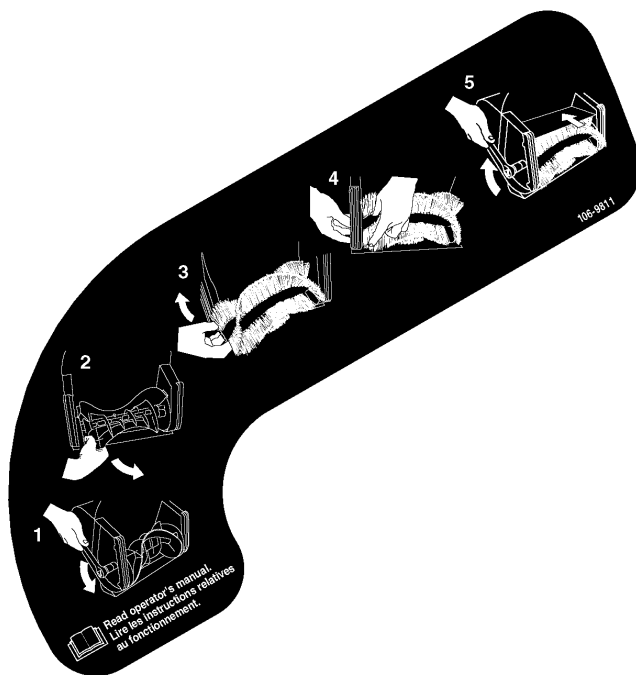


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1. Electric shock hazard and cutting/dismemberment hazard—keep bystanders a safe distance from the machine and read the *Operator's Manual*.



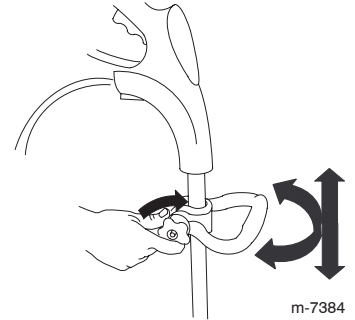
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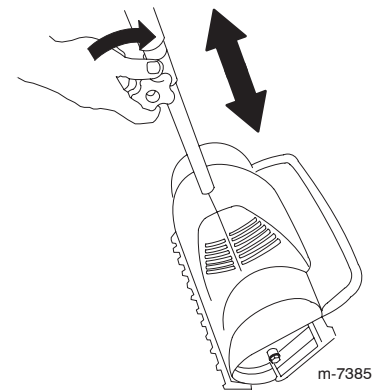
Positioning the Assist Handle

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



Adjusting the Power Shovel Plus Height

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



⚠ DANGER

Avoid injury from rotor/ impeller:

- Keep hands, feet and clothing away from discharge area.
- Do NOT step in front of machine, or use hands to unclog chute.
- Stop motor and unplug cord before unclogging snow or debris.
- To prevent electrical shock, replace damaged plug immediately.
- To avoid risk of shock, do NOT immerse. Do NOT use broom in or near standing water.
- Use plastic rotor for snow removal only. Use broom on hard flat surfaces only.
- To avoid risk of injury from flying debris - do NOT direct discharge at others. Make sure that path in front of broom is clear of persons.
- Read operator's manual for operating and safety instructions.
- When servicing, use only identical replacement parts.

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Operation

Preparing the appliance

For safe and efficient use of your Power Shovel Plus, use only a UL-listed extension cord recommended for outdoor use. Refer to the Extension Cord Chart below.

Extension Cord Chart		
If length of extension cord is less than or equal to:	100 ft. (30 m)	150 ft. (46 m)
Assure wire size gauge (A.W.G.) in cord is:	16	14

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



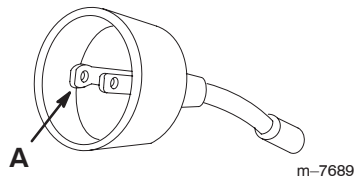
Warning



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 a UL-listed extension cord recommended for outdoor cold weather use. Refer to Extension Cord Chart above.**

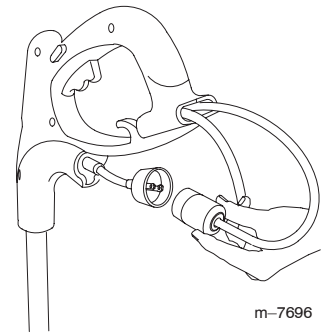
Your Power Shovel Plus has a polarized plug. One prong is larger than the other (A).



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.

Note: When inserting the end of a suitable extension cord into the Power Shovel Plus, insert the enlarged prong into the wide slot in the extension cord end. See the Important Safety Instructions on page 1 for additional information.

1. Make a loop in the extension cord to the lower part of the control grip connecting it to the Power Shovel Plus. This helps prevent you from disconnecting the extension cord from the product during operation.

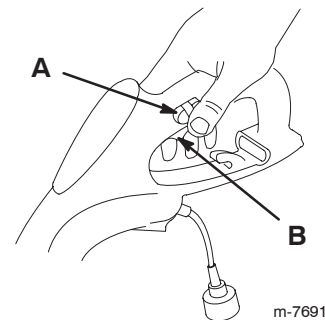


2. Plug the extension cord into a wall outlet.

3. 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

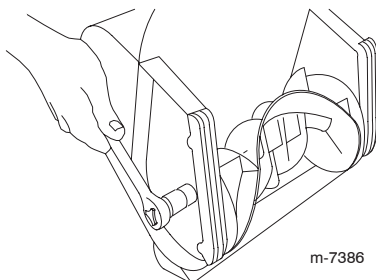
To start the Power Shovel Plus, push the button on the side of the handle grip (A) and squeeze the trigger (B). To stop the product, release the trigger.



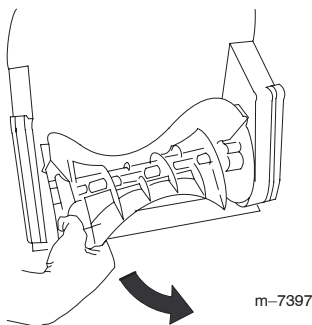
Converting from Snowthrowing to Sweeping

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

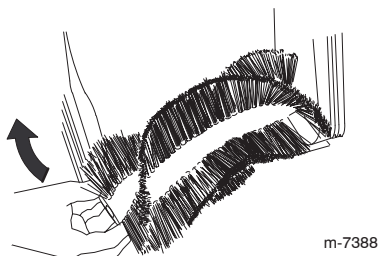
1. Remove the bolt on the side of the housing.



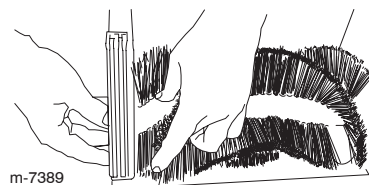
2. Remove the snowthrower rotor from the housing.



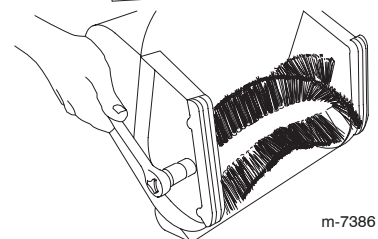
3. Install the broom in the housing.



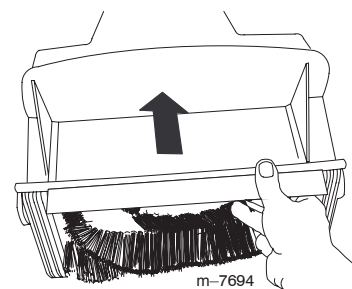
4. Secure the broom with the bolt that you previously removed.



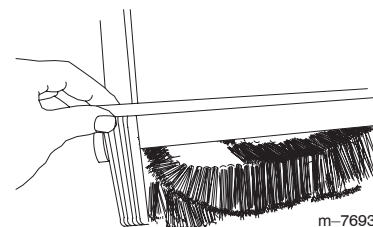
5. Tighten the bolt on the side of the housing.



6. Install the deflector.



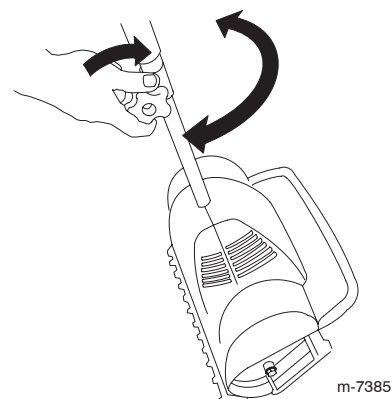
Note: The deflector snaps into place.



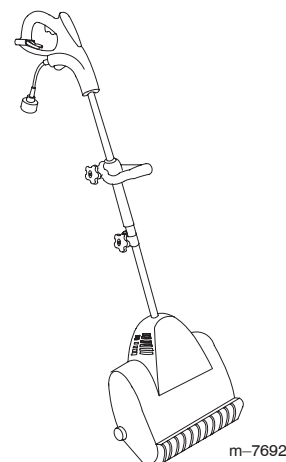
7. Loosen the lower knob on the shaft.

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.

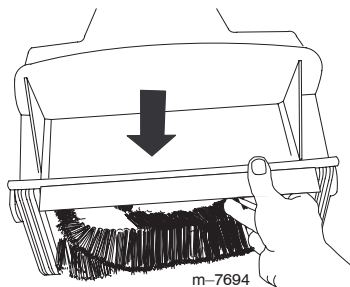


Note: You may need to adjust the length of the shaft to comfortably operate in broom mode. Refer to Adjusting the Power Shovel Plus Height on page 3.

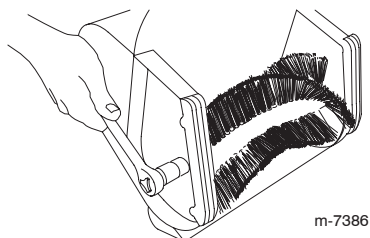
Converting from Sweeping to Snowthrowing

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

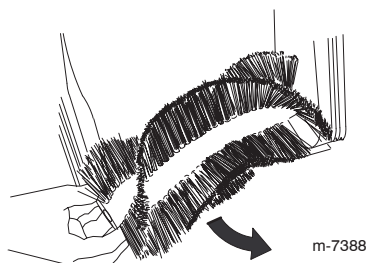
1. Remove the deflector.



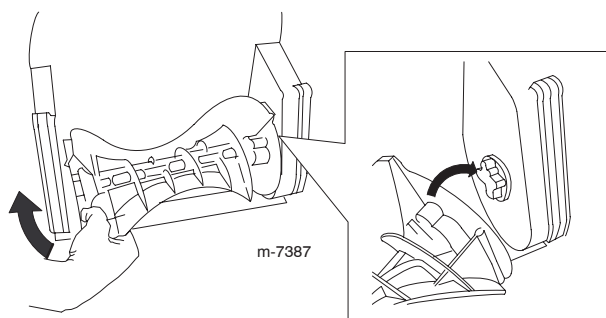
2. Remove the bolt on the side of the housing.



3. Remove the broom from the housing.

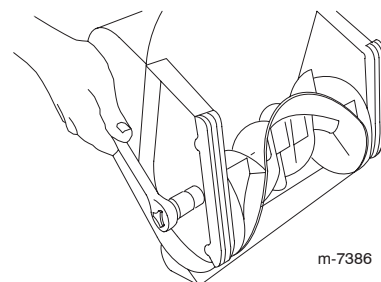


4. Install the rotor in the housing by Inserting the end of the rotor onto the fitted end in the housing and rotating the rotor until it snaps into position.

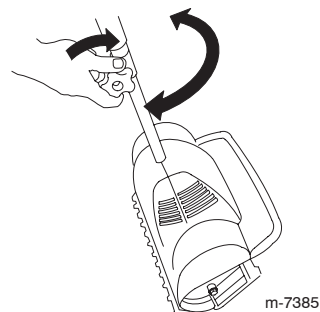


Note: The housing will flex when you install the snowthrower rotor.

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



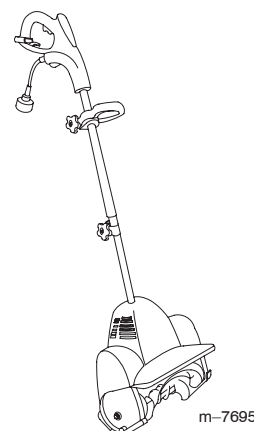
2. Loosen the lower knob on the shaft.



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

4. Tighten the knob.

5. 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 on page 3.

Operating Tips

Snowthrowing 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.

Sweeping 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



Warning



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.

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.

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.

Storage

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.

Service

Toro has designed this product to give you years of trouble free use. Should it need service, take the product to your Authorized Toro Service Dealer. Your Toro Dealer is specially trained to fix Toro products and will ensure that your Toro stays “All” Toro.

Double-insulated Appliance

In a double-insulated appliance, two systems of insulation are provided instead of grounding. No grounding means is provided on a double-insulated appliance, nor should a means for grounding be added to the appliance. Servicing a double-insulated appliance requires extreme care and knowledge of the system, and should be done only by the qualified service personnel at your Authorized Toro Service Dealer. Replacement parts for a double-insulated appliance must be identical to the parts they replace. A double-insulated appliance is marked with the words “Double Insulation” or “Double Insulated.” The symbol (square within a square)  may also be marked on the appliance.

Product Identification

A model and serial number decal is located on the housing. Always refer to specific numbers on the decal in correspondence or when you need replacement parts.

The Toro Promise – Electric Snowthrowers and Brooms

A Two-Year Full Warranty for Residential Use for the United States and Canada

The Toro Company and its affiliate, Toro Warranty Company, pursuant to an agreement between them, jointly warrant this product for two years against defects in material or workmanship when used for normal residential purposes.

- If you have questions or problems, or before returning this product, call toll free: 1-800-808-2963 (US) or 1-800-808-3072 (Canada).
- To receive a replacement or repair, at our option, return the complete unit, postage prepaid, to the seller. **Only** United States customers may return their product, with proof of purchase, to any Authorized Service Dealer, Master Service Dealer, or the Toro Service Center, 21350 Cedar Avenue S., Lakeville, MN 55044-9090.

This warranty covers product defects only. **Neither The Toro Company nor Toro Warranty Company is liable for indirect, incidental or consequential damages in connection with the use of the Toro Products covered by this warranty, including any cost or expense of providing substitute equipment or service during reasonable periods of malfunction or non-use pending completion of repairs under this warranty. Some states do not allow exclusions of incidental or consequential damages, so the above exclusions may not apply to you.** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Countries Other than the United States and Canada

Customers who have purchased Toro products exported from the United States or Canada should contact their Toro Distributor (Dealer) to obtain guarantee policies for your country, province, or state. If for any reason you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the Toro importer. If all other remedies fail, you may contact us at Toro Warranty Company.

Part No. 374-0071