

Do not attempt to clear snow from a gravel or crushed rock surface. This product is intended for use only on paved surfaces.

Never attempt to make any adjustments while the motor is running (except when specifically recommended by the manufacturer).

Always wear safety glasses or eye shields during operation or while performing an adjustment or repair to protect your eyes from foreign objects that may be thrown from the machine.

OPERATION

1. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
2. Exercise extreme caution when operating on or crossing gravel drives, walks or roads. Stay alert for hidden hazards or traffic.
3. After striking a foreign object, stop the motor. Thoroughly inspect the electric snow shovel for any damage, and repair the damage before restarting and operating the electric snow shovel.
4. If the unit should start to vibrate abnormally, stop the motor and check the unit immediately to ascertain the cause. Vibration is generally a sign of trouble.
5. Stop the motor and disconnect the electric snow shovel from the power supply whenever you leave the operating position, when transporting the unit, before unclogging the rotor blade housing and when making any repairs, adjustments or inspections to the unit.
6. When cleaning, repairing or inspecting the electric snow shovel, make sure that all moving parts have come to a complete stop before beginning work.
7. Exercise extreme caution when operating on slopes.
8. Never operate the electric snow shovel without proper guards and other safety devices in place and in proper working order.
9. Never direct the discharge toward people or areas where property damage can occur. Keep children, pets and other bystanders away from the work area.
10. Do not overload the machine capacity by attempting to clear snow at too fast a rate.
11. Look behind and use care when backing up with the electric snow shovel.
12. Make sure the 2 W LED light is operational when using the electric snow shovel at night or under conditions of poor visibility. Always check your footing during operation and keep a firm hold on the handles. Walk, never run, with the unit.

CLEARING A CLOGGED DISCHARGE CHUTE

Hand contact with the rotating paddle inside the rotor housing is the most common cause of injury associated with electric snow shovels. Never use your hands to clear a clogged rotor housing.

To clear the rotor housing:

- Shut the motor off and disconnect the unit from the power supply.
- Wait 10 seconds to be sure the rotating paddle have come to a complete stop.
- Always use a clean-out tool, not your hands, to free the rotating paddle.

MAINTENANCE AND STORAGE

- Check all fasteners at frequent intervals for proper tightness to ensure that the equipment is in safe working condition.
- Always refer to the operator's manual for important details, such as how to properly store your electric snow shovel for an extended period of time.
- Maintain or replace safety and instruction labels as needed.
- Run the machine a few minutes after throwing snow to prevent the paddle from freezing.

DOUBLE-INSULATED: GROUNDING NOT REQUIRED. WHEN SERVICING, USE ONLY IDENTICAL REPLACEMENT PARTS.

- This electric snow shovel is double-insulated, eliminating the need for a separate grounding system. Use only identical replacement parts. Read the instructions before servicing double-insulated products. Use this snow shovel only as described in this manual.
- Electrical Safety
- Ground fault circuit interrupter (GFCI) protection should be provided on the

circuit(s) or outlet(s) to be used for this electric snow shovel. Receptacles are available having built-in GFCI protection and may be used for this measure of safety.

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

Before use, check that the extension cord is in good condition. When using an extension cord, make sure to use one heavy enough to carry the current your product will draw. For lengths less than 50 ft (15 m), a No.16 AWG (or greater) extension cord should be used. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.

Electric shock may cause SEVERE INJURY or DEATH. Heed these warnings:

- Do not allow any part of the electric snow shovel to make contact with water while it is in operation. If the product becomes wet while turned off, wipe dry before starting.
- Use only a UL-, CSA- or ETL-rated extension cord for outdoor, all-weather use.
- Do not use an extension cord over 100 ft (30 m).
- Do not touch the product or its plug with wet hands or while standing in water. Wearing rubber or winter boots offers some protection.

EXTENSION CORD CHART

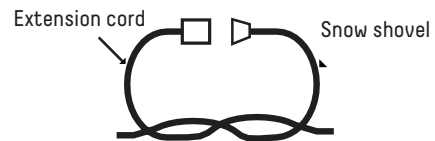
Extension Cord Length	Up to 50 ft (15 m)	50–100 ft (15–30 m)
Wire Gauge (AWG):	16	14

- To reduce the risk of electric shock, this product has a polarized plug (i.e. one blade is wider than the other). Use this appliance only with a polarized UL-, CSA-, or ETL-listed extension cord recommended for outdoor, all-weather use. The plug will fit into a polarized extension cord only one way. If the plug does not fit fully into the extension cord, reverse the plug. If the plug still does not fit, obtain a correct polarized extension cord. A polarized extension cord will require the use of a polarized wall outlet. The extension cord plug will fit into the polarized wall outlet only one way. If

the plug does not fit fully into the wall outlet, reverse the plug. If the plug still does not fit, contact a qualified electrician to install the proper wall outlet. Do not modify the plug, extension cord receptacle, or extension cord plug in any way.

To prevent the Snow shovel cord from disconnecting from the extension cord during operation, make a knot with the two cords as shown below.

Method of Securing Extension Cord



(A) Tie cord as shown



(B) Connect plug and receptacle

Do not modify the cord. Never pull the snow shovel by the cord or yank the cord to disconnect it from the receptacle. Keep the cord away from heat, oil, and sharp edges.

ASSEMBLY

CAUTION! Read complete INSTRUCTION MANUAL before operating this machine.

Unpacking

Carton contents

- Electric snow shovel X1
- Joint-fixing knob and bolt X1
- Adjustable handle and knob X1
- Manual X1

1. Carefully remove the electric snow shovel and check to see that all of the above items are supplied.
2. Inspect the product carefully to make sure no breakage or damage occurred during shipping.

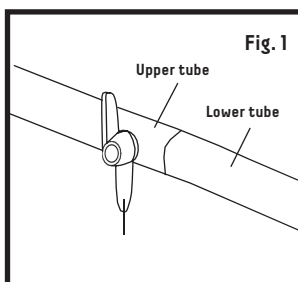
NOTE: Do not discard the shipping carton and packaging material until you are ready to use your new electric snow shovel. The packaging is made of recyclable materials. Properly dispose of these materials in accordance with local regulations.

IMPORTANT! The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. These items can be swallowed and pose a suffocation risk!

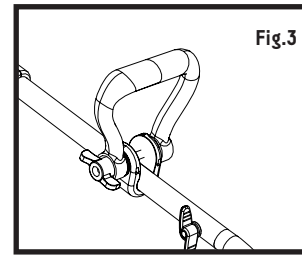
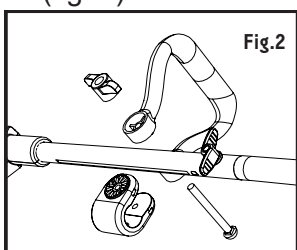
Assembly

Connecting the Upper and Lower Tubes

1. Fit the upper and lower tubes together and tighten the joint-fixing knob (Fig. 1).



2. Assemble the adjustable handle and tight the handle knob (fig 2).

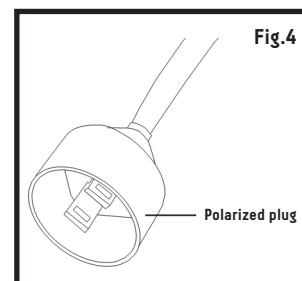


NOTE: the tip on the lower clip shall be inserted to the solt on the upper tube.

Operation

Connecting to a Power Source

To reduce the risk of electric shock, this appliance has a polarized plug (i.e. one blade is wider than the other; see Fig. 4).



Use this appliance only with a polarized UL-, CSA- or ETL- listed extension cord recommended for outdoor, all-weather use.

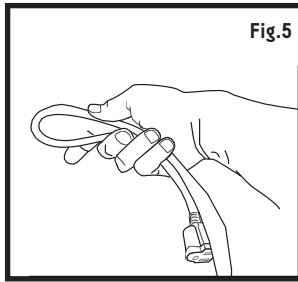
The appliance plug will fit into a polarized extension cord only one way. If the appliance plug does not fit fully into the extension cord, reverse the plug. If the plug still does not fit, obtain a correct polarized extension cord. A polarized extension cord will require the use of a polarized wall outlet. The extension cord plug will fit into the polarized wall outlet only one way. If the plug does not fit fully into the wall outlet, reverse the plug. If the plug still does not fit, contact a qualified electrician to install the proper wall outlet. Do not modify the appliance plug, extension cord receptacle or extension cord plug in any way.

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

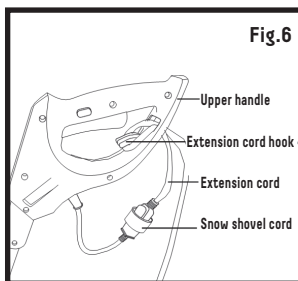
Use only an extension cord recommended for outdoor use.

Securing the Extension Cord

1. Make a loop with the extension cord (Fig. 5)



2. Insert the loop through the opening in the back of the upper handle and secure the loop onto the extension cord hook (Fig. 6).



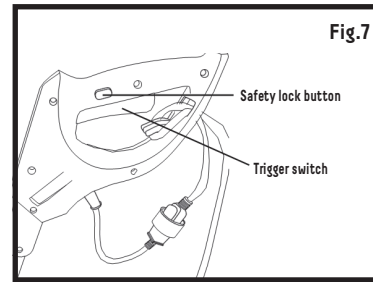
3. Connect the extension cord to the snow shovel cord.

NOTE: Securing the extension cord in this way helps to prevent you from accidentally disconnecting the extension cord from the snow shovel during operation.

4. Plug the extension cord into a wall outlet.
5. Keep the area to be cleared free of stones, toys or other foreign objects that the rotating paddles might pick up and throw. Such items could be covered by snow and are easy to overlook, so be sure to conduct a thorough inspection of the area before operating the snow shovel.

Starting and Stopping

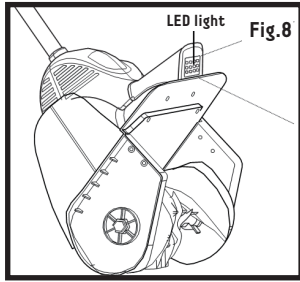
1. To start the electric snow shovel, push and hold the safety lock button on the top of the handle grip with your thumb and then squeeze the trigger switch with your fingers. Once the machine powers on, you can release the safety lock button and proceed with operation (Fig. 7).
2. To stop the electric snow shovel, release the trigger switch (Fig. 7).



Operating Tips

- Start the electric snow shovel and tilt it forward until the scraper blade at the base of the unit contacts the ground. Push the shovel forward at a comfortable rate, yet slow enough to clear the path completely. The clearing width of the snow shovel and the depth of snowfall should dictate your forward speed.
- Direct the snow discharge to the right or to the left by holding the electric snow shovel at a slight angle.
- To remove snow most efficiently, throw the snow downwind and slightly overlap each swath.
- If you need to clear snow from a crushed rock or gravel surface, push down on the handle to clear the scraper of any loose material that the rotating paddles could throw.
- This electric snow shovel cuts a path 12 in. (30.5 cm) wide and up to 6 in. (15.24 cm) deep in one pass.
- When clearing deeper drifts, hold the electric snow shovel by the upper and lower handles and use a swinging or sweeping motion. Remove up to 6 in. (15.24 cm) of snow with each pass and repeat as many times as needed.
- Keep the cord clear of obstructions, sharp objects and the rotating paddles. Do not pull sharply on the cord or abuse it in any manner. Frequently inspect the cord for signs of damage. If damage is found, replace the cord immediately.
- This electric snow shovel is equipped with a 1 W LED light to facilitate clearing at night and under conditions of poor visibility (Fig. 8). When you start the machine, the LED light will automatically power on and illuminate the path in front of you. When you stop the machine, the LED light will automatically power off.
- Disconnect the extension cord after using the electric snow shovel. Hang the extension cord with the shovel so it will not be misplaced or

damaged.



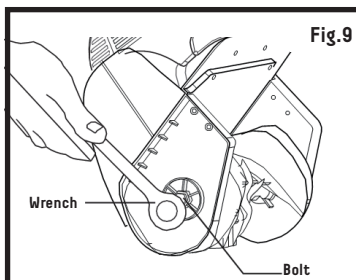
WARNING! Disconnect the extension cord before performing any maintenance task.

If the extension cord is plugged into the snow shovel, someone could accidentally turn on the unit while you are performing maintenance on it, which could result in serious personal injury.

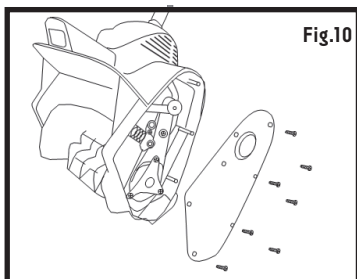
Replacing the Paddle

WARNING! Disconnect the power supply to the electric snow shovel before beginning work.

1. Use a wrench to remove the bolt and the washer on the right side of the housing (Fig. 9).

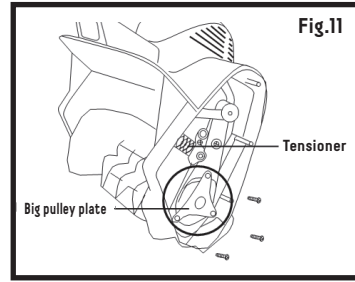


2. Using a cross-head screwdriver, disassemble the left side cover by removing the seven (7) screws (Fig. 10).

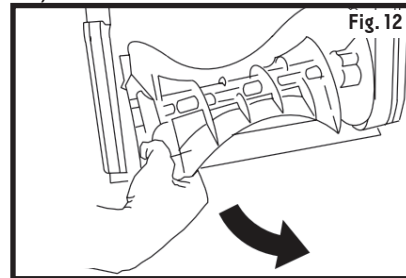


3. Remove the tensioner. Unscrew the three (3) screws securing the big pulley plate, then remove the plate and pulley assembly

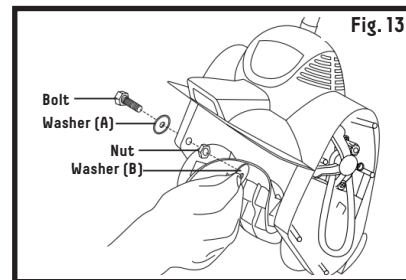
(Fig. 11).



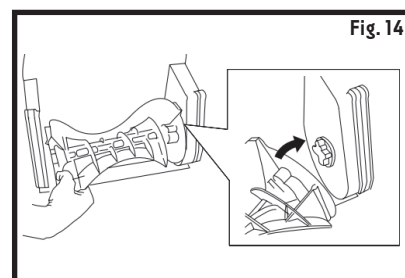
4. Remove the old paddle from the housing (Fig. 12).



5. To install the new paddle, place the washer (A) back onto the bolt (removed in step 1) and insert the bolt so that it protrudes slightly into the housing of the unit. Thread the nut and then the other washer (B) onto the bolt. Fit the new paddles onto the end of bolt and tighten the bolt (Fig. 13).

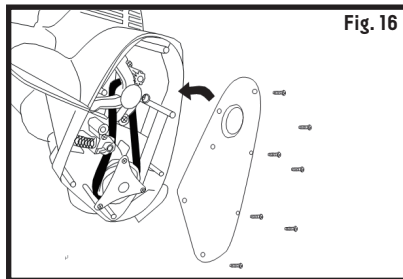
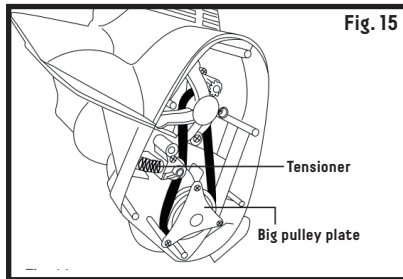


6. Reinstall the big pulley plate and align it with the other end of the paddles. After fitting the paddles into position, secure the big pulley plate with the three (3) screws (Fig. 14).



NOTE: The housing will flex to allow for installation of the new paddle.

7. Place the tensioner back into position. Rotate the paddles to ensure that the belt and paddles move freely, then reinstall the cover by securing it with the seven (7) screws (Figs. 15 & 16).

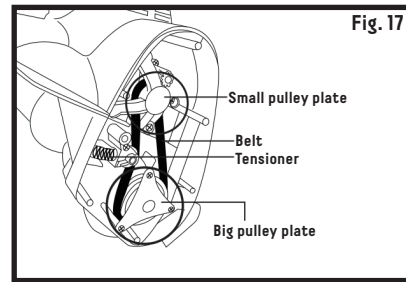


WARNING! Do not power the unit until the cover guard is securely in place to prevent damage or injury.

Replacing the Belt

WARNING! Disconnect the power from the electric snow shovel before performing these tasks.

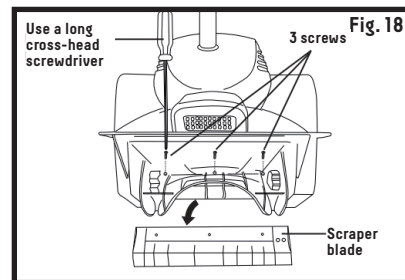
1. Disassemble the left side cover by removing the seven (7) screws (Fig. 10).
2. Remove the tensioner (Fig. 17).
3. Unscrew the three (3) screws from the big pulley plate and the four (4) screws from the small pulley plate (Fig. 17).
4. Replace the worn belt with a new belt.
5. Screw the big and small pulley plates back into position, then reinstall the tensioner.
6. Place the left side cover back into position and refasten the seven (7) screws.



Replacing the Scraper Blade

WARNING! Disconnect the power from the electric snow shovel before performing this task.

1. Position the paddles so that you can gain access to the three (3) screws that secure the scraper blade to the base of the unit.
2. Using a long cross-head screwdriver, remove the three (3) screws and the old scraper blade (Fig. 18).
3. Install the new scraper blade and fasten it securely to the snow shovel with the three (3) screws.



Lubricating the Electric Snow Shovel

This electric snow shovel does NOT need lubrication. All bearings are lubricated at the factory for the life of the product.

Storage

1. Examine the electric snow shovel thoroughly for worn, loose or damaged parts. Should you need to repair or replace a part.
2. Examine the extension cord thoroughly for signs of excess wear or damage. If it is worn or damaged, replace it immediately.
3. Disconnect the extension cord from the electric snow shovel before storing.
4. Store the cord with the electric snow shovel indoors in a clean, dry and locked location out of the reach of children and animals.

NOTE: Devices for storing extension cords are commercially available, should you wish to purchase one.