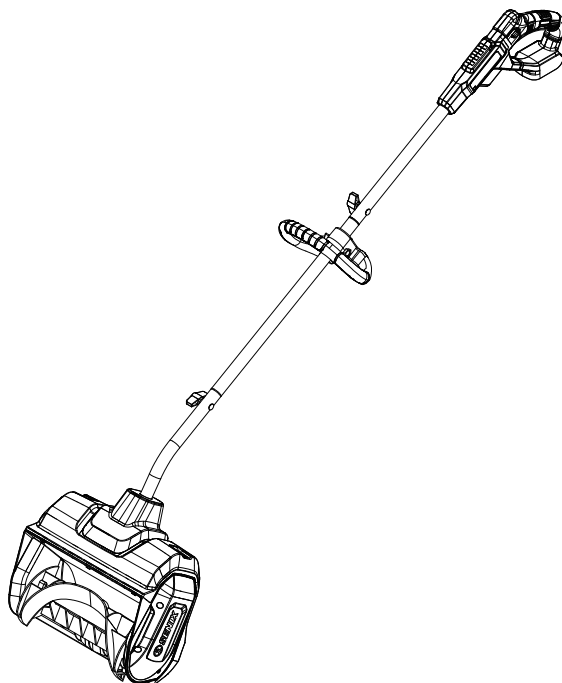




13" CORDLESS SNOW SHOVEL



CAUTION: Before using this tool, please read this manual completely, and follow all operating safety measures.

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE
- WARRANTY

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SAFETY & INTERNATIONAL SYMBOLS

The following table depicts and describes safety and international symbols and pictographs that may appear on this product. Read, understand, and follow all instructions on the machine and in the instruction manual for complete safety, assembly, operating, maintenance, and repair information before attempting to assemble and operate.



Caution / Warning.



To reduce the risk of injury, user must read instruction manual.



Wear hearing protection. Wear eye protection. Wear breathing protection.



DANGER - Do not use hands to unclog chute. Stop motor before removing debris. Do not walk in front of running machine. Do not direct discharge at bystander.



Wear protective gloves and non-slip footwear when using the machine and handling debris.



Do not use hands to unclog rotor housing.



Do not use in rain or wet conditions.



DANGER! Cutting/dismemberment hazard - Keep feet away from the rotating auger.



CAUTION! Beware of stones and other foreign objects that could be thrown from the equipment.



Keep bystanders and children a safe distance (at least 33 ft/10 m) away from the work area.



Keep hands and feet away.



DANGER! Cutting/dismemberment hazard - Keep hands away from the rotating auger. Do not use hands to unclog rotor housing. Stop motor before removing debris.



WARNING - Disconnect battery before maintenance.



The rotating part will continuously run for several seconds after you turn off the machine.



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycle.

SAFETY INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS



WARNING!

Read all safety warnings, instructions, illustrations and specifications, provided with this equipment. *Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.*

READ ALL INSTRUCTIONS

- a. Do not use on graveled surface unless the snow blower is adjusted for such a surface in accordance with the operator's manual.
- b. Keep Children Away – All visitors should be kept a safe distance from work area.
- c. Dress Properly – Do not wear loose clothing or jewelry. They can be caught in moving parts.
- d. Wear rubber boots when operating the snow blower.
- e. Operation of the snow blower in the hand-held position is unsafe, except in accordance with the special instructions for such use provided in the operator's manual.
- f. Keep hands away from moving parts.
- g. Keep guards in place and in working order.
- h. Don't Force Snow Blower – It will perform better and safer at the rate for which it was designed.
- i. Don't Overreach – Keep proper footing and balance at all times.
- j. If the snow blower strikes a foreign object follow these steps:
 - Stop snow blower. Release the switch.
 - Remove the battery pack.
 - Inspect for damage.
 - Repair any damage before restarting and operating the snow blower.
- k. Power off the tool –remove the battery packs when it is not in use, before servicing it, when changing accessories and when performing any other maintenance task.
- l. Store Idle Snow Blowers Indoors – When not in use, snow blowers should be stored indoors in dry, locked-up place – out of reach of children.
- m. Maintain Snow Blowers With Care – Follow instructions for lubricating and changing accessories.

SAFE OPERATION PRACTICES



WARNING!

This snow blower is capable of amputating hands and feet and throwing objects. Failure to observe the following safety instructions could result in serious injury.

1. Training

- a. Read, understand and follow all instructions on the machine and in the manual(s) before operating this unit. Be thoroughly familiar with the controls and the proper use of the machine. Know how to stop the unit and disengage the controls quickly.
- b. Never allow children to operate the machine. Never allow adults to operate the machine without proper instruction.
- c. Keep the area of operation clear of all persons, particularly small children.
- d. Exercise caution to avoid slipping or falling, especially when operating the machine in reverse.

2. Preparation

- a. Thoroughly inspect the area where the machine is to be used and remove all door-mats, sleds, boards, wires and other foreign objects.
- b. Disengage all clutches and shift into neutral before starting the motor.
- c. Do not operate the machine without wearing adequate winter garments. Avoid loose fitting clothing that can get caught in moving parts. Wear footwear that will improve footing on slippery surfaces.
- d. 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 machine.
- e. Adjust the collector housing height to clear gravel or crushed rock surface.
- f. Never attempt to make any adjustments while the motor is running (except when specifically recommended by manufacturer).

3. Operation

- a. Do not put hands or feet near or under rotating parts. Keep clear of the discharge

opening at all times.

- b. Exercise extreme caution when operating on or crossing gravel drives or walks. Stay alert for hidden hazards or operating near public roads.
- c. After striking a foreign object, stop the motor, remove the battery packs, thoroughly inspect the snow blower for any damage, and repair the damage before restarting and operating the snow blower.
- d. If the machine should start to vibrate abnormally, stop the motor and check immediately for the cause. Vibration is generally a warning of trouble.
- e. Stop the motor whenever you leave the operating position, before unclogging the collector/impeller housing or discharge chute, and when making any repairs, adjustments or inspections.
- f. Do not run the engine indoors, except when starting the engine and for transporting the snow blower in or out of the building. Open the outside doors; exhaust fumes are dangerous.
- g. Exercise extreme caution when operating on slopes.
- h. Never operate the machine without proper guards and other safety protective devices in place and working.
- i. Never direct the discharge toward people or areas where property damage can occur. Keep children and others away.
- j. Do not overload the machine capacity by attempting to clear snow at too fast a rate.
- k. Never operate the machine at high transport speeds on slippery surfaces. Look behind and use care when operating in reverse.
- l. Disengage power to the collector/impeller when the machine is transported or not in use.
- m. Use only attachments and accessories approved by the manufacturer of the machine (such as wheel weights, counterweights or cabs).
- n. Never operate the machine without good visibility or light. Always be sure of your footing, and keep a firm hold on the handles. Walk; never run.
- o. Never touch a hot engine or muffler.

4. Clearing a Clogged Discharge Chute

- a. Hand contact with the rotating impeller inside the discharge chute is the most com-

mon cause of injury associated with snow blowers. Never use your hand to clean out the discharge chute.

- b. To clear the chute:
 - SHUT THE MOTOR OFF!
 - Wait 10 s to be sure the impeller blades have stopped rotating.
 - Always use a clean-out tool, not your hands.

5. Maintenance and Storage

- a. Check shear bolts and other bolts at frequent intervals for proper tightness to be sure the equipment is in safe working condition.
- b. Always refer to instruction handbook for important details if the snow blower is to be stored for an extended period.
- c. Maintain or replace safety labels, as necessary.
- d. Run the machine a few minutes after throwing snow to prevent freeze-up of the collector/impeller.
- e. When cleaning, repairing or inspecting the snow blower, stop the engine and make certain the collector/impeller and all moving parts have stopped. Remove the battery packs to prevent someone from accidentally starting the engine.

BATTERY EQUIPMENT USE AND CARE

- a. **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.*
- b. **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.*
- c. **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.*
- d. **Use power equipment only with specifically designated battery packs.** *Use of any other battery packs may create a risk of injury and fire.*

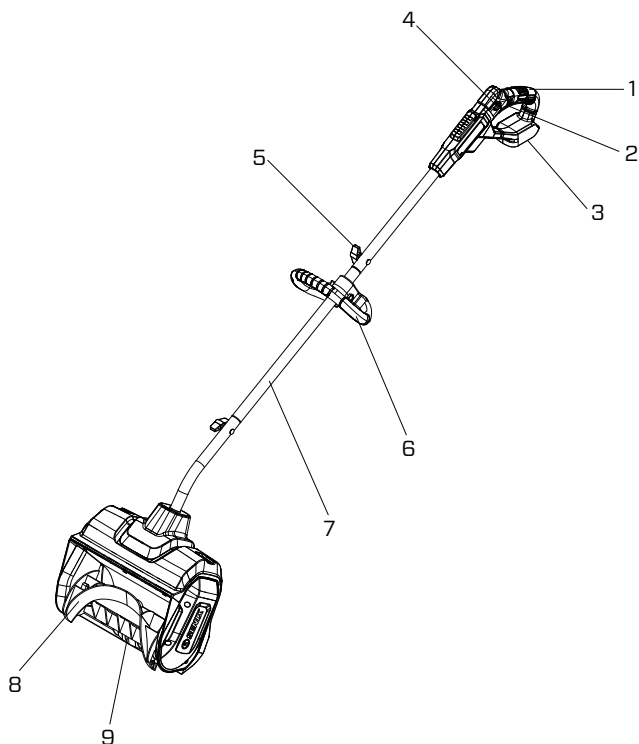
- e. **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** *Shorting the battery terminals together may cause burns or a fire.*
- f. **Under abusive 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.*
- g. **Do not use a battery pack or equipment that is damaged or modified.** *Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.*
- h. **Do not expose a battery pack or equipment to fire or excessive temperature.** *Exposure to fire or temperature above 265 °F (130 °C) may cause explosion.*
- i. **Follow all charging instructions and do not charge the battery pack or equipment outside the temperature range specified in the instructions.** *Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.*

SAVE THESE INSTRUCTIONS

INTENDED USE

This cordless snow shovel is intended for removing and clearing away snow from sidewalks, decks, driveways and other flat paved surfaces. Do not use it for other purposes.

KNOW YOUR UNIT



APPLICATIONS

Model: STX2-L2

As a snow shovel:

Removing and clearing away snow from surfaces.

1	Rear Handle
2	Switch Trigger
3	Battery Docking Port
4	Safety Button
5	Knob

6	Front Handle
7	Shaft
8	Auger Assembly
9	Scraper Bar

SPECIFICATIONS*

Model	STX2-L2
Input Voltage	18 V  (20 V Max*)
Rated Output Power	500 W
No-Load Speed	0 - 1700 RPM
Max. Clearing Capacity	375 lb/min
Clearing Width	13"
Plow Depth	6"
Throw Distance	10-20 ft
Recommended Operating Temperature	-4°F-50°F
Recommended Storage Temperature	-4°F-158°F
Weight (Tool Only)	14.8 lb

*20V Max battery, maximum initial battery voltage (measured without a workload) is 20V. The nominal voltage is 18V.



NOTE:

Only use the following batteries: B20X2, B25X2, B40X2, B50X2 and chargers: CHX2-L1, CHX2-L2, CHX2, CHQX2, CHQX2-M, CHDX2-M.

ASSEMBLY

- Unpack all parts and lay them on a flat, stable surface:
- Remove all packing materials and shipping devices, if applicable.
- The scope of delivery varies depending on the country and purchased variant.
 - Snow shovel x1
 - Upper shaft x1
 - Middle shaft x1
 - Shaft bolt x2
 - Shaft knob x2
 - Flat washer x2
 - Auxiliary handle x1
 - Handle knob x1
 - Handle bolt x1
 - Instruction manual x1

- If you find that parts are missing or show damage do not use the product but contact your dealer. Using an incomplete or damaged product represents a hazard to people and property.
- Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.



WARNING!



Wear protective gloves for this assembly work and always lay the product on a flat and stable surface while assembling.



Follow the assembly instructions step-by-step and use the pictures provided as a visual guide to easily assemble the product!
Do not insert the battery pack before the power tool is completely assembled or adjusted!



WARNING!

To avoid product damage or personal injury, the equipment should be assembled indoors at an ambient temperature above 23°F (-5°C).

CONNECTING THE SHAFT



WARNING!

Make sure the internal cable does not obstruct the mounting holes.

- Connect the upper shaft assembly with the middle shaft assembly by aligning the holes.
- Insert a bolt through the aligned holes on one side. Put on a flat washer and a shaft knob on the opposite side and then tighten the knob to secure the shafts.

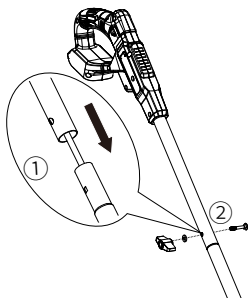


Fig. 1

3. Connect the assembled shaft assembly with the lower shaft assembly on the back of the snow shovel, by aligning the holes.
4. Insert a bolt through the aligned holes on one side. Put on a flat washer and a shaft knob on the opposite side and then tighten the knob to secure the shafts.

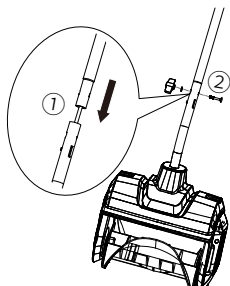


Fig. 2

INSTALLING THE AUXILIARY HANDLE

1. Clamp the front handle to the shaft.
2. Move the handle to a safe and comfortable working position and use a knob and a bolt to secure it.

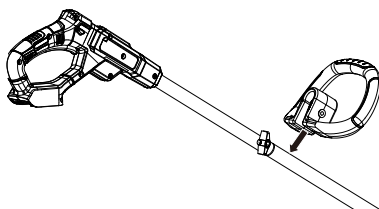


Fig. 3

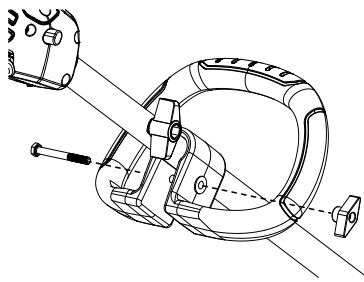


Fig. 4



NOTE:

In order to prevent the front handle from moving around or sliding on the shaft, be sure to tighten it securely.



NOTE:

Ensure the handle is oriented according to the diagram. Incorrect installation may cause malfunction.

OPERATION



WARNING!

Never operate a snow shovel that is damaged or improperly adjusted or that is not completely and securely assembled. Be sure that the snow shovel stops moving when the trigger is released.



WARNING!

To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the machine when assembling parts, making adjustments, cleaning, or when not in use.



WARNING!

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.



WARNING!

Keep the area to be cleared free of stones,

toys or other foreign objects that the auger 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 beginning work.

INSTALLING/REMOVING THE BATTERY PACK

To install:

Align and slide the battery pack onto the slots of the battery docking port until it locks in place.

To remove:

Press the battery release button and remove the battery pack from the product.

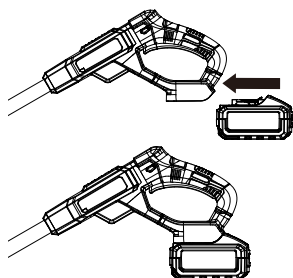


Fig. 5



NOTE:

Refer to the manuals for the charger and battery pack for more details.

STARTING/STOPPING THE SNOW SHOVEL

1. To start the snow shovel, push and hold the safety button on the top of the main handle grip with your thumb and then squeeze the trigger with your fingers. Once the machine is powered on, you can release the safety button and continue the operation.

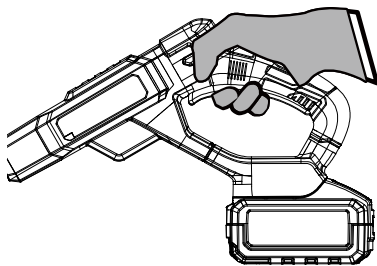


Fig. 6

2. To stop the snow shovel, release the trigger.

MAINTENANCE



WARNING!

Remove and pull out the battery pack before maintenance! Maintain this product regularly and carefully! If the product is improperly maintained, it may fail at its intended task, which may produce fatal consequences.



WARNING!

Wear heavy duty gloves when performing any maintenance or service to this unit.



WARNING!

Only perform cleaning and maintenance work according to these instructions! All further works must be performed by a qualified specialist!

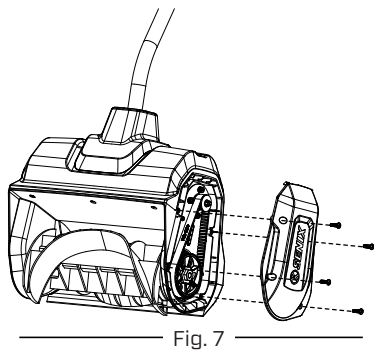
REPLACING THE AUGER



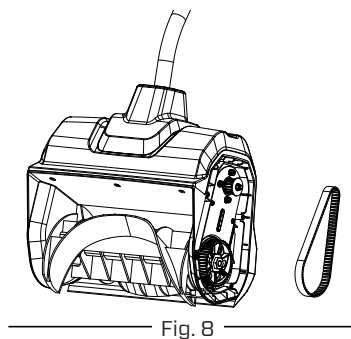
WARNING!

Switch off the product and remove the battery from the machine before replacing the auger.

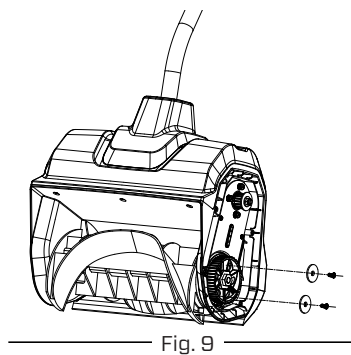
1. Remove the four screws to disassemble the left side cover.



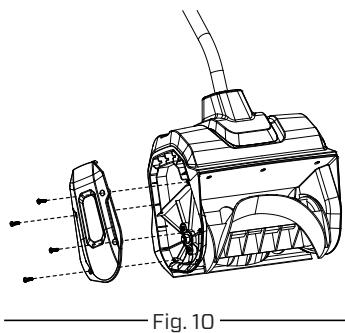
2. Remove the belt from the driven wheel.



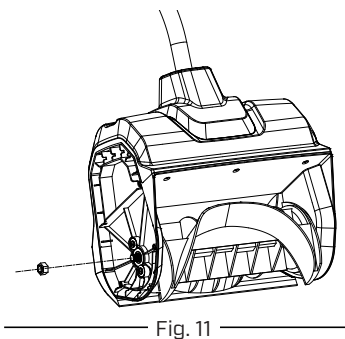
3. Remove the screws and washers from the driven wheel.



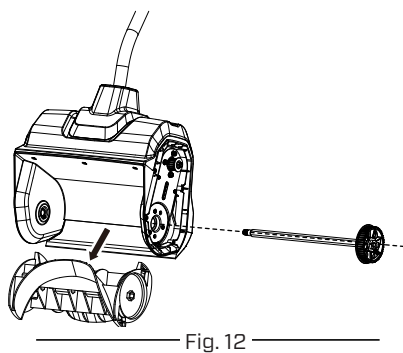
4. Remove the four screws to disassemble the right side cover.



5. Use one hand to secure the auger while use the other hand to remove the nut on the right side.



6. Remove the auger axle set from the left side and remove the old auger from the housing.



7. Install the replacement auger by following the above steps in reverse order.

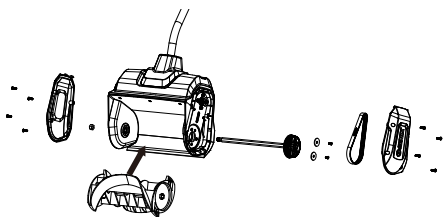


Fig. 13

REPLACING THE BELT

1. Remove the four screws to disassemble the left side cover.

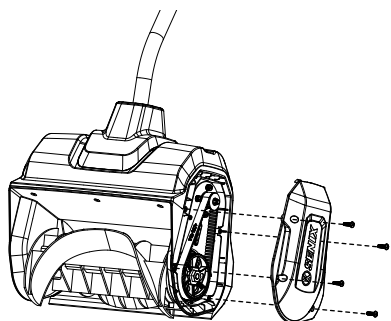


Fig. 14

2. To remove the old belt from the driven wheel, use one hand to slowly turn the auger while use the other hand to lift the belt.

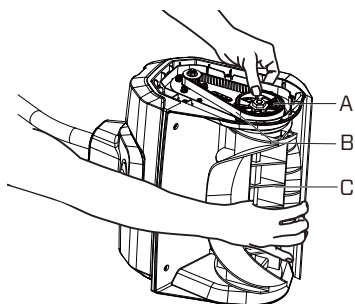


Fig. 15

A	Driven wheel
B	Belt
C	Auger

3. Replace a new belt in place. Place the left side cover back into position and refasten the four screws.

REPLACING THE SCRAPER BAR

1. Turn over the snow shovel. Use a drill to remove the five screws that secure the scraper bar to the base of the unit.

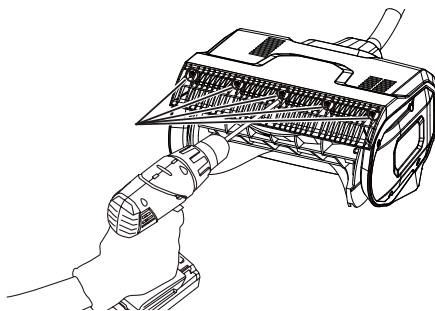


Fig. 16

2. Remove the old scraper bar.

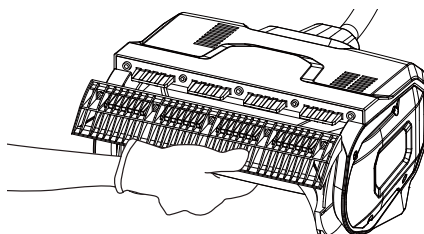


Fig. 17

3. Install a new scraper bar and secure it to the housing with the five screws.

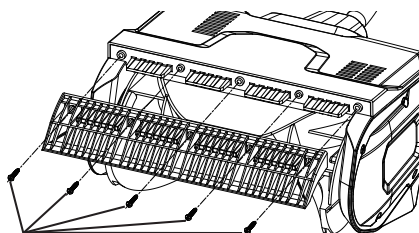


Fig. 18

CLEANING

- Always turn off the product and remove the battery packs before cleaning.
- After each use, disassemble (if applicable) and clean out any ice or debris that may have accumulated. Pay particular attention to the air vent and its slots, the auger, and the scraper bar.
- No regular lubrication is needed for normal operation.
- To clean, use a soft damp cloth and a soft brush. Gently wipe away any dirt, grime, or residue. Do not spray water directly onto the machine or immerse it in water, as this may cause damage.

STORAGE

- Carefully inspect all parts for signs of wear, looseness, or damage. If any repair or replacement is needed, contact customer service for assistance.
- Thoroughly clean the snow shovel before storing. Allow the unit to dry completely to prevent rust or corrosion.
- For long-term storage, apply a light coat of oil to metal surfaces to prevent rust. Store the unit indoors in a locked, dry, well-ventilated area, out of reach of children.

TRANSPORTATION

- Clean the product as described above.
- Only carry by its handle/grip area.
- Protect from any heavy impact.
- Secure the product properly to prevent it from falling or coming into contact with people or property during transport.

DISPOSAL

Waste product should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice. Users should clean up dust generated during operation to protect environment.



Electrical products should not be discarded with household products. Used electrical products must be collected separately and disposed

of at collection points provided for this purpose. Talk with your local authorities or dealer for advice on recycling.

TROUBLE SHOOTING

Suspected malfunctions are often due to causes that the users can fix themselves. Therefore, check the product using this section. In most cases the problem can be solved quickly.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Product does not start	Battery not installed well	Make sure the battery is fully inserted.
	Battery depleted	Charge the battery.
	Safety button not depressed	Depress the safety button fully and then squeeze the switch trigger.
	Battery too cold	Remove battery from snow shovel. Place battery on charger and allow to charge for 10 minutes. Remove from charger and install in snow shovel for use.
	The auger is jammed	Unplug from power supply, inspect auger, remove debris.
Poor performance	Drive belt worn or damaged	Contact the service center for replacing.
	Auger worn or damaged	Contact the service center for replacing.
	Discharge chute blocked	Switch off the snow shovel, remove the battery pack, and clean the discharge chute.
Abnormal vibrations	Drive belt worn or damaged	Contact the service center for replacing.
	Auger worn or damaged	Contact the service center for replacing.
	Scraper bar worn	Replace the scraper bar.
Motor is on but auger does not turn.	Drive belt damaged	Contact the service center for replacing.
Snow shovel leaves a thin layer of snow.	Scraper bar worn	Replace the scraper bar.

WARRANTY

SENIX TOOLS LIMITED WARRANTY

FOR FIVE YEARS from the date of original purchase this product is warranted against defects in material or workmanship. **WITH PROOF OF ORIGINAL PURCHASE** a defective product will receive free repair. If the product cannot be repaired it will be replaced free of charge.

For details to obtain warranty coverage, visit senixtools.com, email senix.support@yatusa.com or call **1-800-261-3981**.

- This warranty does not cover repairs necessary due to product accident or abuse, or failure to operate or maintain the product according to all supplied instructions.
- This warranty does not cover an included battery pack or charger, which offer three-year, replacement-only coverage. See battery pack or charger instruction manuals for complete warranty details.
- This warranty does not cover expendable items that can wear out from normal use within the warranty period, including but not limited to drill bits, cutting blades and trimmer spool or line.
- This warranty does not apply to damage resulting from repairs to the product made or attempted by other than SENIX authorized agents.
- This warranty does not cover the cost of mailing or transporting the power tool to receive warranty coverage.
- The warranty is void if the product has been used for commercial, professional, or rental service purposes.
- The warranty applies to the original retail purchaser and is not transferable.
- Proof of purchase is required to obtain warranty coverage.

THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHERS, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND EXCLUDES ALL INCIDENTAL OR CONSEQUENTIAL DAMAGE.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so these limitations may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary in certain states or provinces.

NOTE: Battery pack warranty voided if the battery pack is tampered with in any way. SENIX is not responsible for any injury caused by tampering and may prosecute warranty fraud to the fullest extent permitted by law.

Latin America: This warranty does not apply to products sold in Latin America. For products sold in Latin America, see the country-specific warranty information contained in the packaging, call the retailer from which it was purchased, or visit the website for warranty information.

Free warning label replacement: If your warning labels become illegible or are missing, call **1-800-261-3981** for a free replacement.

REGISTER ONLINE - senixtools.com/pages/product-registration

Thank you for your purchase! Register your product now for:

Warranty Service: Registering your product will help you obtain more efficient warranty service in case of a problem with your product.

Confirmation of Ownership: In case of an insurance loss, such as fire, flood, or theft, your ownership registration will serve as proof of purchase.

For your safety: Registering your product will allow us to contact you in the unlikely event a safety notification is required under the Federal Consumer Safety Act.

