



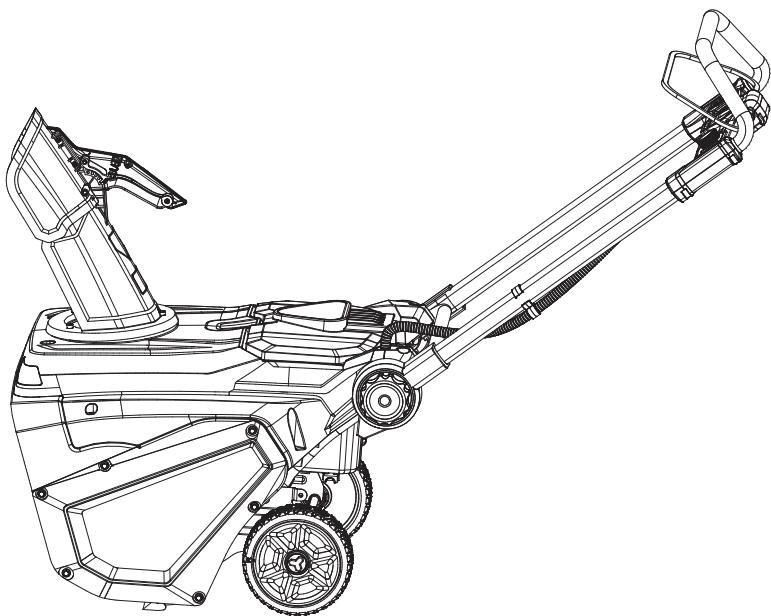
YARDWORKS^{®/MD}

21" (53.3 CM) BRUSHLESS SNOWBLOWER

model number 060-0579-0 | contact us 1.866.523.5218



Intertek
3026035



IMPORTANT:

Read and follow all safety rules and operating instructions before using this product.

**Instruction
Manual**



For problems or questions, **DO**
NOT RETURN TO STORE. Please
contact one of our Customer
Service Agents who would be
happy to assist you.

For Customer Assistance Please Call:



CANADA: 1.866.523.5218



model no. 060-0579-0 | contact us 1.866.523.5218

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Please do not operate garden equipment near children. This could lead to severe injury or death.

INTRODUCTION

Congratulations on your purchase of your new Yardworks® tool. It has been designed, engineered and manufactured to give you the best possible dependability and performance.

Should you experience any problem you cannot easily remedy, please contact our Yardworks® customer service line at 1.866.523.5218.

PLEASE READ AND RETAIN THIS INSTRUCTION MANUAL. These instructions will enable you to assemble and maintain your appliance properly. **ALWAYS** observe the “SAFETY RULES”.

The instruction manual was designed to conveniently help you get your purchase ready to use so there's less risk of damaging it and to provide you with enough information for you to get familiar with your product's controls and features and to operate it safely.

SAFETY FIRST



CAUTION: The operation of equipment can result in foreign objects thrown into the eyes, which can result in **SEVERE EYE INJURY**. **ALWAYS** wear safety glasses or eye shields while operating your equipment or performing any adjustments or repairs. We recommend standard safety glasses or a wide vision safety mask worn over spectacles.



Please read this manual carefully and make sure you understand the instructions before using the machine.

Model number: _____

Serial number: _____

Date of purchase (MM/DD/YYYY): _____

Notes: _____

IMPORTANT SAFETY INSTRUCTION**READ ALL INSTRUCTIONS****FOR ALL SNOWBLOWERS**

- 1) Do not use on gravelled surface unless the snowblower is adjusted for such a surface in accordance with the operator's manual.
- 2) Keep children away – all visitors should be kept a safe distance from work area.
- 3) Dress properly – do not wear loose clothing or jewellery. They can be caught in moving parts.
- 4) Wear rubber boots when operating the snowblower.
- 5) Operation of the snowblower in the hand-held position is unsafe, except in accordance with the special instructions for such use provided in the operator's manual.
- 6) Avoid accidental starting – don't carry plugged-in snowblower with finger on switch. Be sure switch is off when plugging in.
- 7) Keep hands away from moving parts.
- 8) Keep guards in place and in working order.
- 9) Don't force snowblower – it will perform better and safer at the rate for which it was designed.
- 10) Don't overreach – keep proper footing and balance at all times.
- 11) If the snowblower strikes a foreign object follow these steps:
 - i) Stop snowblower. Release the switch.
 - ii) Remove the battery pack.
 - iii) Inspect for damage.
 - iv) Repair any damage before restarting and operating the snowblower.
- 12) Disconnect snowblower – remove battery pack from the machine when not in use, before servicing, when changing accessories, and the like.
- 13) Store idle snowblower indoors – when not in use, snowblower should be stored indoors in a dry, locked-up place – out of reach of children.
- 14) Maintain snowblower with care – follow instructions for lubricating and changing accessories.



WARNING: When using electric appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or injury to persons.



WARNING: Use the accessory or attachment approved by the manufacturer. The use of any other accessory or attachment might increase the risk of injury.



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.



CAUTION! Use for snow removal only.



WARNING: To reduce the risk of injury, do not operate without guards in place.

FOR ALL BATTERY-OPERATED APPLIANCES:

1. 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.
2. 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.
3. 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.
4. Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
5. 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.
6. 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.
7. Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
8. Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 265°F (130°C) may cause an explosion.
9. 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.
10. Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
11. 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.

SAFE OPERATION PRACTICES FOR WALK-BEHIND SNOWBLOWERS

I. TRAINING

1. Read, understand and follow all instructions on the machine and in the manual before operating this unit. Be thoroughly familiar with the controls and the proper use of the equipment. Know how to stop the unit and disengage the controls quickly.
2. Never allow children to operate the equipment. Never allow adults to operate the equipment without proper instruction.
3. Keep the area of operation clear of all persons, particularly small children.
4. Exercise caution to avoid slipping or falling, especially when operating the snowblower in reverse.



WARNING: Read all safety warnings and 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.



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II. PREPARATION

1. Thoroughly inspect the area where the equipment is to be used and remove all doormats, sleds, boards, wires, and other foreign objects.
2. Do not operate the equipment 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.
3. Adjust the collector housing height to clear gravel or crushed rock surface.
4. Never attempt to make any adjustments while the motor is running (except when specifically recommended by manufacturer).
5. 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.

III. 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, remove the battery pack from the machine, thoroughly inspect the snowblower for any damage, and repair the damage before restarting and operating the snowblower.
4. If the unit should start to vibrate abnormally, stop the motor and check immediately for the cause. Vibration is generally a warning of trouble.
5. 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.
6. When cleaning, repairing or inspecting

the snowblower, stop the motor and make certain the collector/impeller and all moving parts have stopped. Remove the battery pack from the machine to prevent someone from accidentally starting the motor.

7. Exercise extreme caution when operating on slopes.
8. Never operate the snowblower without proper guards, and other safety protective devices in place and working.
9. Never direct the discharge toward people or areas where property damage can occur. Keep children and others away.
10. Do not overload the machine capacity by attempting to clear snow at too fast a rate.
11. Never operate the machine at high transport speeds on slippery surfaces. Look behind and use care when operating in reverse.
12. Disengage power to the collector/impeller when snowblower is transported or not in use.
13. Use only attachments and accessories approved by the manufacturer of the snowblower (such as wheel weights, counterweights, or cabs).
14. Never operate the snowblower without good visibility or light. Always be sure of your footing, and keep a firm hold on the handles. Walk; never run.

IV. CLEARING A CLOGGED DISCHARGE CHUTE

Hand contact with the rotating impeller inside the discharge chute is the most common cause of injury associated with snowblower. Never use your hand to clean out the discharge chute.

To clear the chute:

1. SHUT THE 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.

V. MAINTENANCE AND STORAGE

1. Check bolts at frequent intervals for proper tightness to be sure the equipment is in safe working condition.
2. Always refer to operator's manual for important details if the snowblower is to be stored for an extended period.
3. Maintain or replace safety and instruction labels, as necessary.
4. Run the machine a few minutes after throwing snow to prevent freeze-up of the collector/impeller.

GENERAL SAFETY WARNINGS**SAFETY WARNINGS FOR BATTERY PACK**

- a) **Do not dismantle, open or shred battery pack.**
- b) **Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.**
- c) **Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.** 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 fire.
- d) **Do not remove battery pack from its original packaging until required for use.**
- e) **Do not subject battery pack to mechanical shock.**
- f) **In the event of battery leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.**
- g) **Observe the plus (+) and minus (–) marks on the battery back and equipment and ensure correct use.**
- h) **Do not use any battery pack which is not designed for use with the equipment.**
- i) **Keep battery pack out of the reach of children.**
- j) **Seek medical advice immediately if a cell or battery has been swallowed.**
- k) **Always purchase the battery pack recommended by the device manufacturer for the equipment.**
- l) **Keep battery pack clean and dry.**
- m) **Wipe the battery pack terminals with a clean, dry cloth if they become dirty.**
- n) **Battery pack needs to be charged before use. Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions.**
- o) **Do not leave battery pack on prolonged charge when not in use.**
- p) **After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.**
- q) **Recharge only with the charger specified by the manufacturer. Do not use any charger other than that specifically provided for use with the equipment.**
- r) **Retain the original product literature for future reference.**
- s) **Use only the battery pack in the application for which it was intended.**
- t) **Remove the battery pack from the equipment when not in use.**
- u) **Dispose of properly.**
- v) **Do not mix cells of different manufacture, capacity, size or type within a device.**

SAVE THESE INSTRUCTIONS**Information for radiated emission**

This device complies with Canadian ICES-001.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference; and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.









However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.






WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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

Symbol	Designation/Explanation
	To reduce the risk of injury, user must read instruction manual.
	Avoid injury from rotating auger – keep hands, feet, and clothing away.
	Shut off motor before unclogging discharge chute.
 Li-ion	Li-ion battery; battery must be recycled.
	Do not burn.
	Batteries may enter water cycle if disposed improperly, which can be hazardous for ecosystem. Do not dispose of waste batteries as unsorted municipal waste.
 	Yardworks® CANADA has established a partnership with the RBRC Corporation to recycle any Yardworks® batteries with the RBRC-call2recycle seal. For environmental protection, please do not discard batteries in the trash. After the battery's life cycle is ended, please call 1-800-822-8837 for a free service that will properly dispose of the battery.

SAVE THESE INSTRUCTIONS!








PRODUCT SPECIFICATIONS

Rated voltage	96 V 
No load speed	1750 RPM
Auger	Steel auger with rubber blades
Clearing width	21" (53.3 cm)
Depth of snow cut	12" (30.5 cm)
Throw distance max.	30' (9.1 m)
Plowing capacity max.	800 lb/min
Stages	Single stage
Type of snow	Light, fluffy
Directional control	180° auto-rotate chute
Battery capacity (ABP4850SH)	5.0 Ah
Charger input (060-1990-0)	120 V~, 60 Hz, 250 W
Charger output 1 (060-1990-0)	48 V  , 2 A
Charger output 2 (060-1990-0)	48 V  , 2 A
Charging time (approx.)	2 1/2 hours
Machine weight	69 lb (31.3 kg)

SUITABLE BATTERY PACKS

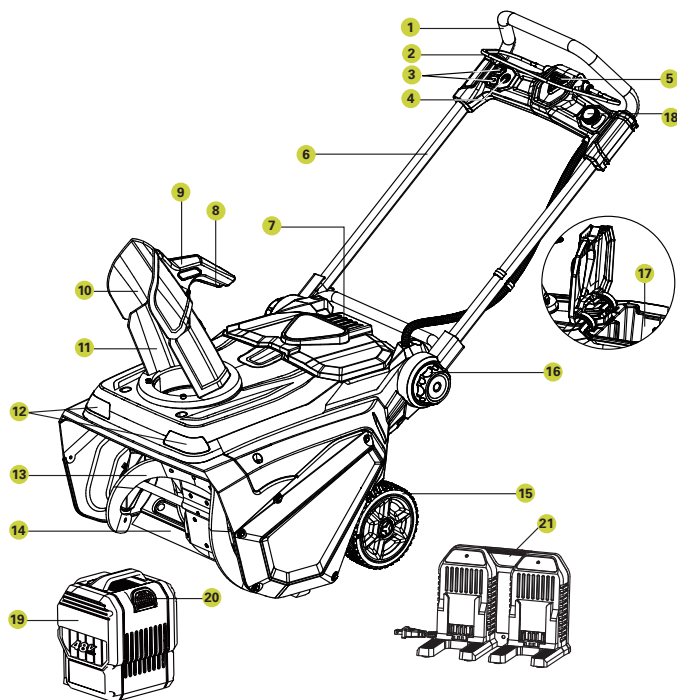
Item Number	060-1987-2	ABP4830SH	060-1988-0	ABP4850SH	060-1989-8
Battery Capacity	2.0 Ah	3.0 Ah	4.0 Ah	5.0 Ah	6.0 Ah
	Not included	Not included	Not included	Included	Not included

SUITABLE CHARGERS

Item number	060-1990-2	060-1992-8	060-1990-0
Charger input	120 V~, 60 Hz, 110 W	120 V~, 60 Hz, 320 W	120 V~, 60 Hz, 250 W
Charger output	48 V  , 2 A	48 V  , 6 A	48 V  , 2 A (output 1) 48 V  , 2 A (output 2)
Charger protection class	 /II	 /II	 /II
	Not included	Not included	Included

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- | | |
|--|----------------------------------|
| 1. Soft grip | 12. LED lights |
| 2. Switch bar level | 13. Auger blades |
| 3. Chute rotate buttons (left and right) | 14. Scraper bar |
| 4. LED light button | 15. Wheels |
| 5. Safety button | 16. Handle frame lock knob |
| 6. Handle frame | 17. Battery compartment |
| 7. Battery compartment cover | 18. Auger speed dial |
| 8. Chute deflector trigger | 19. 2 x Battery pack (ABP4850SH) |
| 9. Chute deflector handle | 20. Battery pack release button |
| 10. Chute deflector | 21. Charger (060-1990-0) |
| 11. Discharge chute | |



WARNING: any other accessory or attachment may increase the risk of injury.

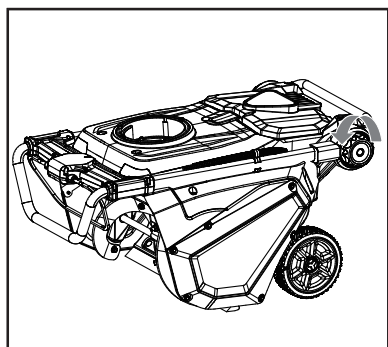


NOTE: Before using the tool, read the instruction book carefully.

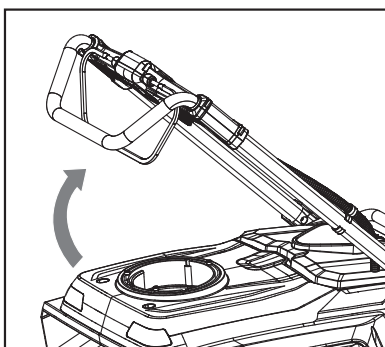
ASSEMBLY

1. ADJUSTING THE HANDLE FRAME

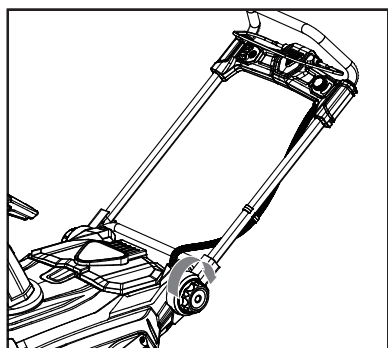
- 1) Unlock the handle frame by rotating the handle frame lock knobs on both sides clockwise (see Fig. A1).
- 2) Rotate the handle frame up to a comfortable operation position (see Fig. A2).
- 3) Lock the handle frame in position by rotating the handle frame lock knobs on both sides counter-clockwise (see Fig. A3).



A1



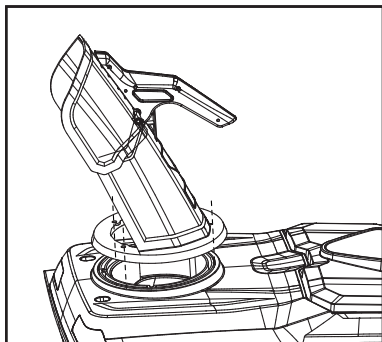
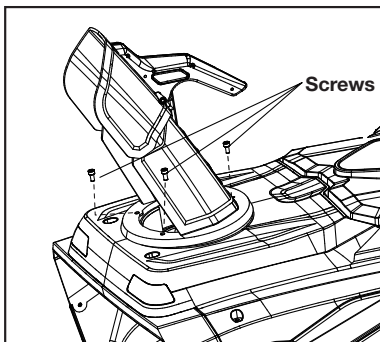
A2



A3

2. DISCHARGE CHUTE ASSEMBLY

1. Place the discharge chute assembly onto the gear plate, aligning the 3 holes in the gear plate, and push down until the chute is flush and flat against the housing (see Fig. B1).
2. Use the 3 discharge chute screws to secure the discharge chute assembly to the gear plate as shown. Tighten with the provided hex key (see Fig. B2).

**B1****B2**

CAUTION! The machine must not be put in operation before it has been assembled completely.



CAUTION! Do not insert the battery until the appliance has been completely assembled.

1. CHARGING THE BATTERY PACK

IMPORTANT NOTES FOR CHARGING BATTERY PACKS

The battery packs in your new tool are not charged when they leave the plant; therefore, they must be fully charged before using the first time.

NOTE: If the battery packs are very hot, remove the battery packs from the charger and allow them to cool to ambient temperature before attempting to recharge.

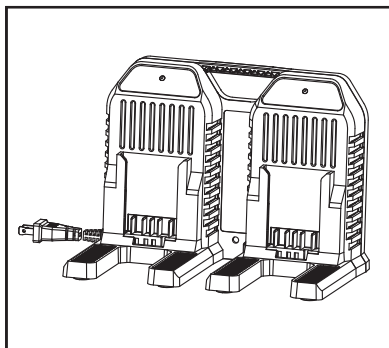
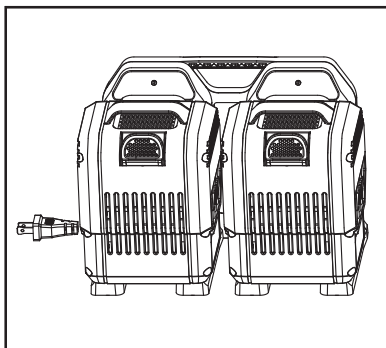
To prevent damage to the battery packs, please charge the battery packs to full or no less than half charge before storage.

If the tool will not be used for long periods of time, charge the battery packs every 3 – 6 months.

CHARGING PROCEDURE (SEE FIG. C1, C2)

This snowblower needs two battery packs to be installed together before operation.

- 1) Plug the charger into an appropriate outlet.
- 2) Slide the battery packs into the charger, the light will turn to green and flash to indicate the charging process has started.
- 3) When charging is complete, the light will turn to green. The battery packs are now fully charged, unplug the charger and remove the battery packs.

**C1****C2**







WARNING: When battery charge runs out after continuous use or exposure to direct sunlight or heat, allow time for the battery to cool down before re-charging to achieve the full charge.



WARNING: The charging status of the two charging ports is completely independent for charging, and the indicator light only represents the status of its own charging port.

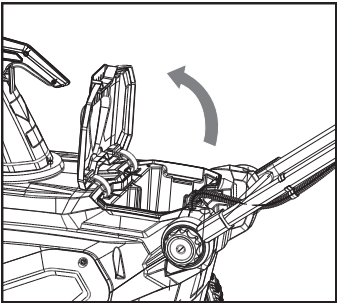
CHARGING INDICATOR

This charger is designed to detect some problems that can arise with battery packs. Indicator lights indicate problems (see table below).

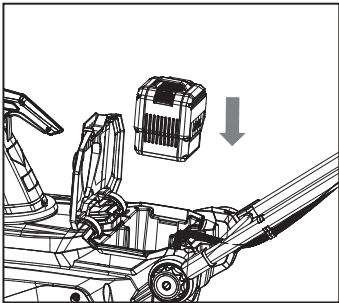
Light	ON/ Flash	Status
Red on ● 	————	Defective battery.
Red flash  	Battery Temperature Protection. The temperature of battery pack is less than 32°F (0°C) or more than 104°F (40°C).
Green on ● 	————	Fully Charged.
Green flash  	Charging.

2. INSTALLING AND REMOVING THE BATTERY PACKS

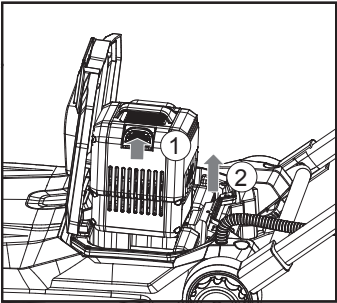
- 1) Open the battery pack cover and slide the battery pack into one of the tool's battery ports. A simple push and slight pressure will be sufficient. Install the other battery pack into the tool's second battery port (see Fig. D1, D2).
- 2) Press the battery pack release button to remove the battery pack from the tool (see Fig. D3).



D1



D2



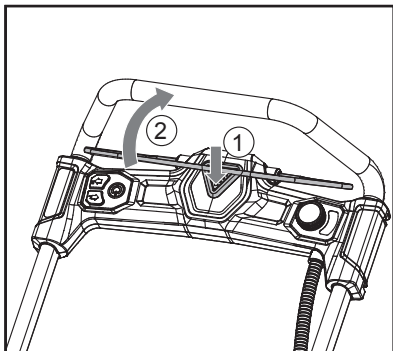
D3

OPERATION**1. STARTING AND STOPPING****STARTING (SEE FIG. E)**

- 1) Open the battery compartment cover and push the two battery packs down until they click and lock into position. Close the cover.
- 2) To switch the snowblower ON, press the safety switch button, then squeeze the switch bar lever.
- 3) Once the snowblower starts, release the safety switch button and proceed with operation.

STOPPING

Release the switch bar lever to stop the snowblower. Wait until the motor is fully switched off.

**E**

WARNING: AVOID INJURY. Read and understand the entire safety section before proceeding.



WARNING: Before inserting the battery, verify that the snowblower's auger and rubber plates are firmly secured. Perform a test run to ensure that the rotor turns freely.



WARNING: The auger starts rotating immediately after the snowblower is switched on. Keep hands and feet away from the auger.

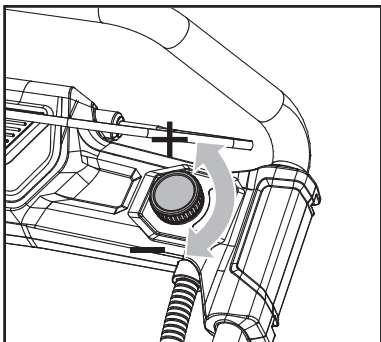


WARNING: The battery packs will be too cold to be used if they have been left in an environment with too low temperature (less than -20 degrees Celsius) for a long time. The battery packs need to be warmed up before use.

2. ADJUST AUGER SPEED

This snowblower is equipped with auger speed adjustment system which can set the auger speed from low to high. Follow the instructions to set the auger speed to fit in the working environment. Consider the working time, snow volume, and the surroundings when adjusting the auger speed. In general, lower auger speed provides longer battery runtime, but smaller plowing capacity and shorter throw distance. Check attached table for the specifications that can be affected by the auger speed.

1. To increase the auger speed, scroll the auger speed dial counter-clockwise with the switch bar level squeezed.
2. To reduce the auger speed, scroll the auger speed dial clockwise with the switch bar lever squeezed (see Fig. F).

**F**

3. CHANGING THROW DIRECTION

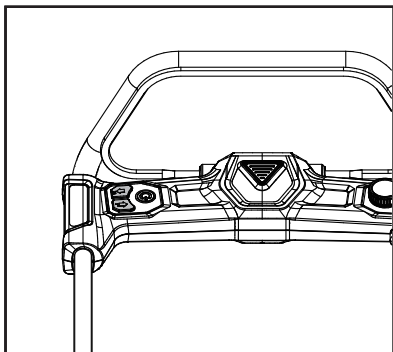
Always orient the discharge chute in the opposite direction from where you, bystanders, surrounding vehicles or windows are located.

1. The discharge chute can be adjusted 180 degrees by pressing the chute rotate button in the desired direction.
2. Press the “←” button to turn chute right and press the “→” button to turn chute left (see Fig. G).

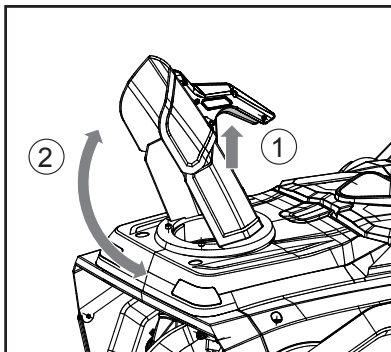
4. CHANGING THROW HEIGHT

The chute deflector on the top of the discharge chute controls the height of the snow stream. To adjust the height that the snow is thrown, squeeze the trigger on the chute deflector handle, and then raise/lower the chute deflector. Release the trigger on the chute deflector handle to lock the chute deflector in place (see Fig. H).

NOTE: ALWAYS position discharge chute deflector at a safe angle before engaging the auger. DO NOT throw snow any higher than necessary.



G



H



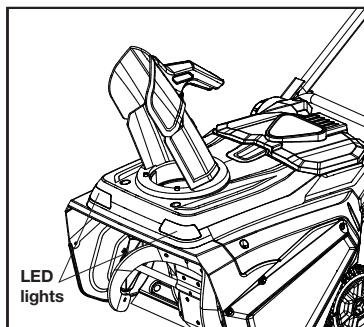
WARNING: Never direct the snow discharge chute at the operator, at bystanders, at vehicles or at nearby windows. The discharged snow and foreign objects accidentally picked up by the snowblower can cause serious damage and personal injury.

5. LED HEADLIGHTS

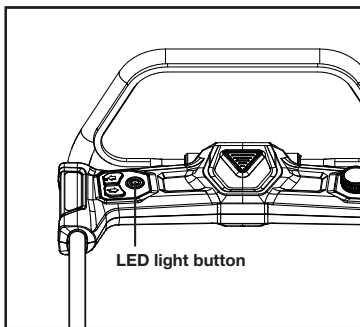
The LED headlights are located on the front of the snowblower (see Fig. I1).

1. To turn on the LED light, press the LED light button (see Fig. I2).
2. To turn off, press the LED light button again.

NOTE: After you have finished using your snowblower, remember to turn OFF the light switch.



I1



I2

6. OPERATING TIPS

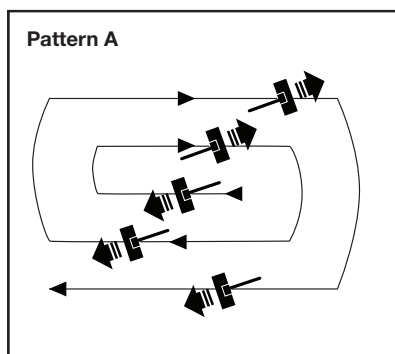
Snow is best removed as soon as possible after snow fall.

1. Keep the area of operation free of foreign objects that can become thrown by the blades. Perform a thorough inspection of the area since some objects may be hidden from view by surrounding snow. If the snowblower hits an obstruction or picks up a foreign object during use, stop the snowblower, remove the battery, remove the obstruction, and inspect the unit for damage. Repair or replace any damaged part before restarting and operating the unit.
2. Keep children, pets, and bystanders away from the area of operation. Be aware that the normal noise of the machine when turned on may make it difficult for you to hear approaching people.
3. To clear an area, run unit in an overlapping series of paths. For large areas, start in the middle and throw snow to each side, so snow is not cleared more than once.
4. Note the wind direction. If possible, move in the same direction as the wind so that the snow is not thrown against the wind (and thus back into your face and on the just cleared path).
5. Do not push the snowblower with excessive force. Do not exceed the unit's intake or throw rate.
6. Some parts of the snowblower may freeze under extreme temperature conditions. Do not attempt to operate the snowblower with frozen parts. If the parts freeze while the snowblower is in use, stop the snowblower, remove the battery, and inspect for frozen parts. Free all parts before restarting or operating the snowblower. Never force controls that have frozen.
7. For larger areas, a definite pattern of operation is required to thoroughly clean an area

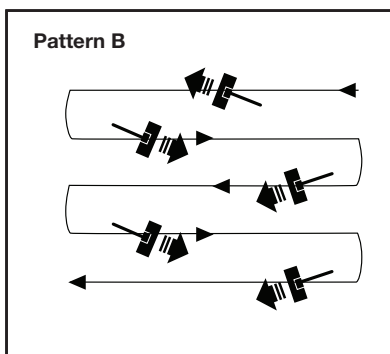
of snow. These patterns will avoid throwing snow in unwanted places, as well as eliminate the need for a second removal of snow.

Pattern A: Throw the snow to the right or left side where it is possible. For areas such as a long driveway, it is advantageous to start in the middle. Plow from one end to the other, throwing snow to both sides (see Fig. J1).

Pattern B: If the snow can only be thrown to one side of the area to be cleared, start on the opposite side (see Fig. J2).



J1



J2

1. GENERAL MAINTENANCE TIPS

1. Do not attempt to repair the machine unless you have the proper tools and instructions for disassembly and repair of the machine.
2. Check bolts and screws at frequent intervals for proper tightness to ensure that the equipment is in safe working condition.
3. After each snow removal, shut off the motor, wait for all revolving parts to stop completely, remove the battery packs and wipe residual ice and snow off the unit.

2. PROPER CARE FOR BATTERY PACKS AND CHARGER

1. To reduce the risk of injury and damage, never immerse your battery packs or charger in liquid or allow any liquid to flow inside these components.
2. Clean out dust and debris from charger vents and electrical contacts by blowing with compressed air.
3. Use only mild soap on a damp cloth to clean the battery packs and charger, keeping away from all electrical contacts. Certain cleaning agents and solvents are harmful to plastics and other insulated parts. Some of these include gasoline, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia and household detergents containing ammonia. Never use flammable or combustible solvents around battery packs, battery chargers or tools.

3. REPLACING SCRAPER BAR

IMPORTANT! Damage to auger housing will result if the scraper bar wears down too far.

To replace scraper bar:

1. Position unit on a hard, flat, smooth level surface.
2. Detach the worn scraper bar from the snowblower by removing the 4 sets of nuts and bolts that hold it in place (see Fig. K).
3. Install the new scraper bar and fasten it securely to the snowblower with the original sets of nuts and bolts.



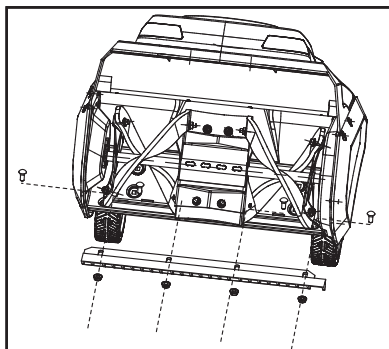
WARNING! Make sure to turn off the switch and remove the battery packs before performing any maintenance task on your snowblower.



WARNING! To reduce the risk of injury, always unplug the charger and remove the battery packs from the charger before performing any maintenance task.



WARNING! Replacing the auger blades involves close operation with the auger and the blades. To avoid injury caused by unintentional starting, make sure the battery (or batteries) are not inserted before proceeding with the operation, and wear heavy-duty gloves during operation.



K

4. REPLACING AUGER BLADES

During use, the auger blades will wear down over time, which will eventually cause incomplete cleaning. If the unit cannot plow snow completely and leaves snow on ground, consider changing the auger blades.

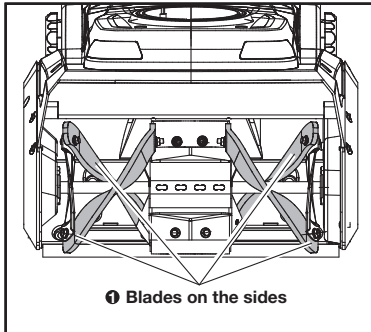
Tools required (not provided):

- 0.4" (10 mm) wrench
- 0.5" (13 mm) wrench
- Heavy-duty gloves

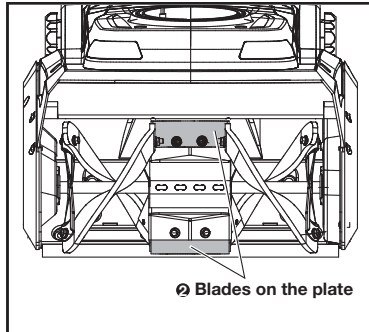
In total there are 6 blade pieces fixed by 16 sets of screws, washers and nuts in the unit.

When replacing worn auger blades, pay close attention to the order in which you remove them. Remove the 4 blade pieces on the sides first, and then the 2 blade pieces fixed on the middle steel plate. Assemble the new auger blades in the reverse order of the disassembly (see Fig. L1 – L4).

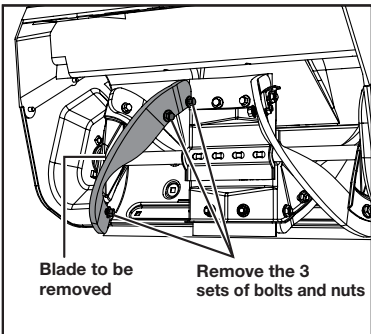
1. To remove the first blade on the side, use a 0.4" (10 mm) wrench to hold the bolt steady, and use a 0.5" (13 mm) wrench to loosen and remove the nut. Repeat the operation to remove all 3 sets of bolts and nuts, and gently remove the blade from the auger.
2. Follow the same instruction to remove the other 3 blades located on the sides. Rotate the auger when working on the blades on the back.
3. After 4 blades on the side are removed, move to the two blade pieces that are fixed on the middle steel plate. Use the 0.4" (10 mm) wrench to hold the bolt steady, and use the 0.5" (13 mm) wrench to loosen and remove the nut. Repeat on the other nut and bolt set, and gently remove the blade from the central plate.
4. Rotate the auger to expose the other blade on the plate. Follow the same instruction to remove it.
5. After all old blades are removed, follow the reverse order to assemble the new blades. Use the original sets of hardware to secure the blades on the auger.



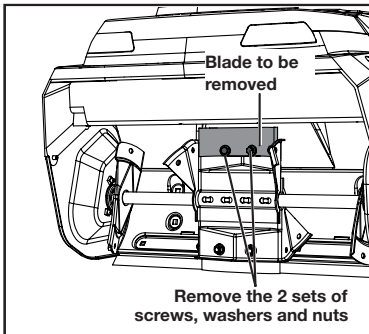
L1



L2



L3



L4

5. REPLACING AUGER BELT

Tools required (not provided):

- 0.4" (10 mm) wrench (2)
- Needle nose pliers
- Heavy-duty gloves

1. Position unit on a hard, flat, smooth level surface, with the battery packs removed.
2. Use 2 0.4" (10 mm) wrenches to remove the bolts and nuts that are used to fix the right side panel. Then remove the right side panel to expose the belt, as shown (see Fig. M1).

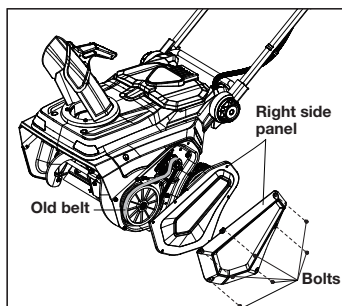
NOTE: The 2 bolts located on the left have 2 nuts on the back, while the other 4 bolts don't. Use one 0.4" (10 mm) wrench to hold the left two bolts steady and remove the nuts with the other 0.4" (10 mm) wrench first, and then remove all the bolts.

3. Use the needle nose pliers to remove the spring from the hook to release the belt tension (see Fig. M2).
4. Remove the drive belt by slowly turning the auger pulley counter-clockwise while pulling the belt outwards (see Fig. M3).

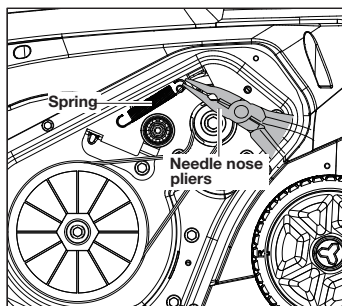
5. Install the new drive belt, rotating it onto the pulleys (see Fig. M4).

NOTE: Rotate the new drive belt first around the engine pulley, then the idle pulley, and finally around the auger pulley. Slowly turn the auger pulley clockwise to drive the belt inwards (see Fig. M5).

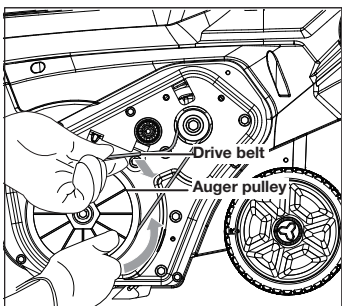
6. Use needle nose pliers to reinstall the spring onto the hook to tension the belt. Replace the side panel on the unit, secure with the original hardware. The snowblower is ready to use.



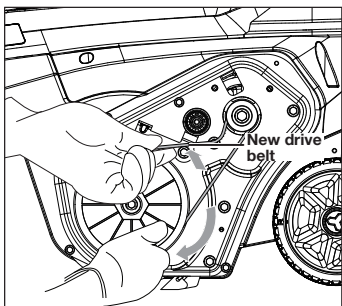
M1



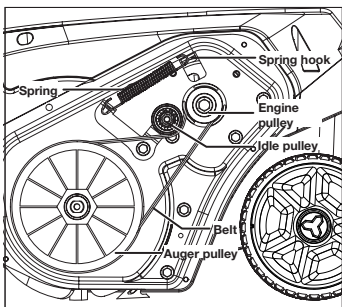
M2



M3



M4



M5

STORAGE

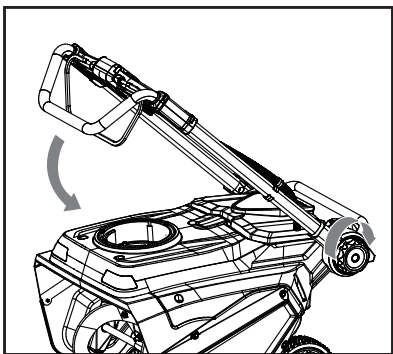
1. Allow the motor to cool and clean the snowblower before storing or transporting. Be sure to secure the unit while transporting.
2. Remove the battery packs from the snowblower.
3. Inspect the snowblower carefully for worn, loose, or damaged parts. Check connections and screws and tighten if necessary. For repairing or replacing parts, contact your dealer.
4. Store the unit, along with the removed battery packs, in a locked, dry place out of the reach of children to prevent unauthorized use or damage. Cover loosely with a tarp for added protection.
5. To aid storage, remove the discharge chute if necessary, release the handle frame lock knob, and fold the handle frame as shown in Fig. N1, N2.

For battery tools

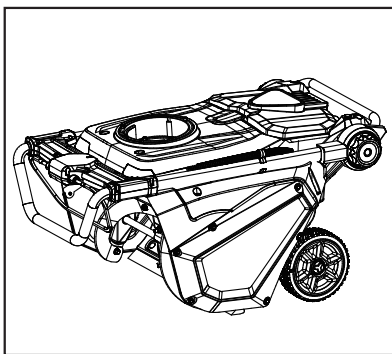
The ambient temperature range for the use and storage of tool and battery is 32 – 113°F (0 – 45°C).

The recommended ambient temperature range for the charging system during charging is 32 – 104°F (0 – 40°C).

The snowblower may not properly start if its battery temperature is -4°F (-20°C) or less. If unit doesn't start, remove the battery packs from the snowblower and allow them to warm indoors for 10 minutes or longer. Reinstall the batteries and try again.



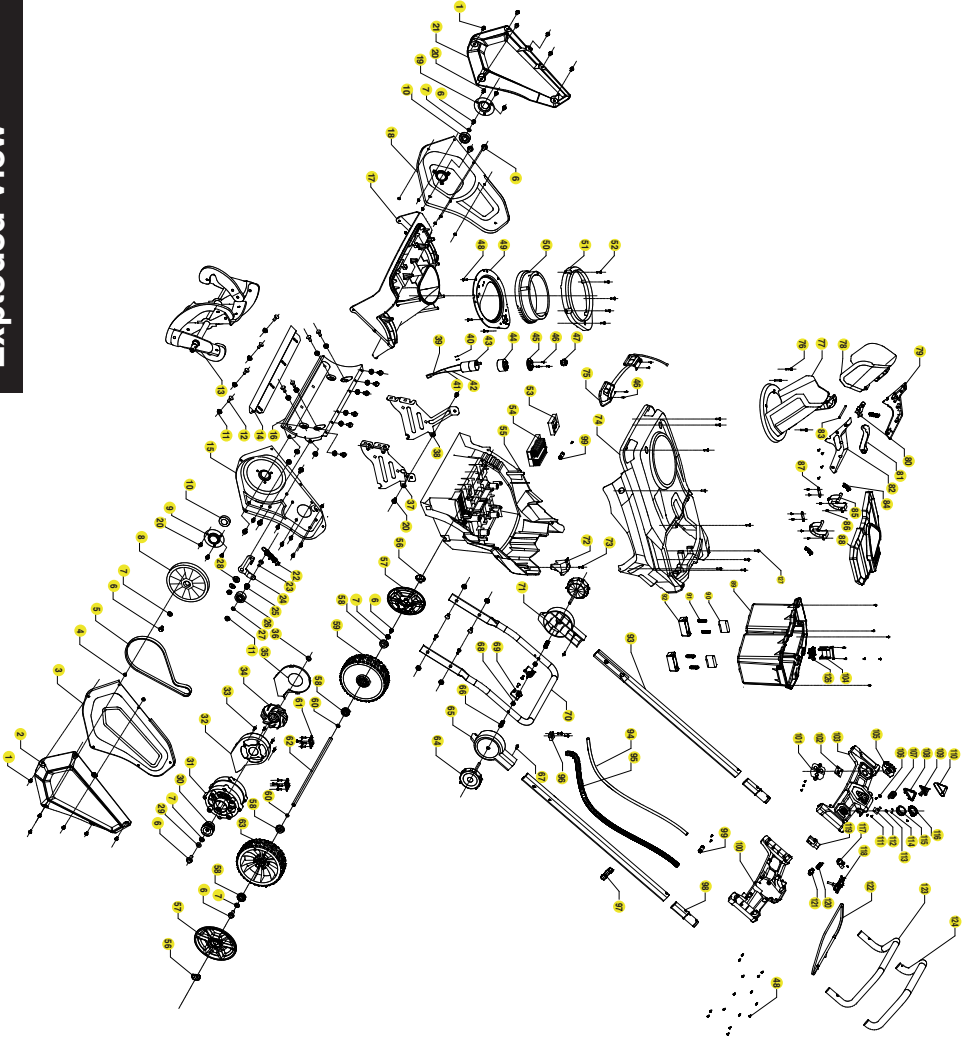
N1



N2

Problem	Possible Cause	Solution
Unit will not start	<ol style="list-style-type: none"> 1. The battery temperature is -4°F (-20°C) or less. 2. Batteries are flat. 3. Batteries are not locked in position. 4. The safety button is not depressed. 	<ol style="list-style-type: none"> 1. Remove the battery packs from the snowblower and allow them to warm indoors for 10 minutes or longer. 2. Charge the batteries. 3. Reinsert the batteries, and try to start the machine again. 4. Depress the safety button, and pull the switch bar lever.
The auger doesn't rotate while the motor is running	<ol style="list-style-type: none"> 1. Auger belt is wore out. 2. Auger belt is not assembled properly. 	<ol style="list-style-type: none"> 1. Change the auger belt. 2. Check the auger belt; make sure it's assembled tightly on the rail.
Chute doesn't rotate when pressing the button	<ol style="list-style-type: none"> 1. There's no power. 2. Too much wet snow has accumulated around the chute and is preventing the chute from rotating. 	<ol style="list-style-type: none"> 1. Make sure the batteries are charged and locked in position. 2. Clean the wet snow from around the chute.
Snow left on the ground after cleaning	<ol style="list-style-type: none"> 1. Worn out auger blades. 2. Worn out scraper bar. 	<ol style="list-style-type: none"> 1. Replace the blades. 2. Replace the scraper bar.

Exploded View



model no. 060-0579-0 | contact us 1.866.523.5218

NO.	Part Description	Quantity			
1	Bolt	14	36	Circlip for shaft	1
2	Left decorative cover	1	37	Support plate for left wheel	1
3	Decorative cover	1	38	Support plate for right wheel	1
4	Nut	10	39	Terminal	1
5	V-ribbed belt	1	40	Heat-shrink tube	2
6	Bolt	14	41	Inner wire(black)	1
7	Flat washer	1	42	Inner wire(red)	1
8	Belt pulley	1	43	Steering motor	1
9	Left bearing support	1	44	Steering motor cover	1
10	Bearing	2	45	Fixing plate	1
11	Nut	10	46	Screw	3
12	Bolt	8	47	Pinion	1
13	Auger	1	48	Screw	52
14	Snow shovel	1	49	Fixing seat	1
15	Left side plate	1	50	Rotary seat	1
16	Baseplate	1	51	Rotary seat cover	1
17	Cavity	1	52	Screw	7
18	Right side plate	1	53	Lighting panel	1
19	Right bearing support	1	54	Controller assembly	1
20	Bolt	12	55	Lower housing	1
21	Right decorative cover	1	56	Decorative cover	2
22	Tension spring	1	57	Wheel cover	2
23	Bolt	1	58	Plastic bearing	4
24	Tension plate	1	59	Right wheel	1
25	Bearing sleeve	1	60	Washer	2
26	Tension pulley	1	61	Pressing plate	2
27	Plain washer	1	62	Wheel axle	1
28	Rotary sleeve	1	63	Left wheel	1
29	Spring washer	1	64	Spiral cover	2
30	Belt pulley	1	65	Rotary seat	1
31	Motor	1	66	Pressure spring	4
32	Vortex chamber	1	67	Screw	2
33	Screw	4	68	Nut	2
34	Fan	1	69	Nut bracket	2
35	Vortex chamber cover	1	70	Down tube	1

NO.	Part Description	Quantity			
71	Rotary seat	1	101	Locking plate	1
72	Located block	1	102	Keyboard plate	1
73	Screw	10	103	Upper panel	1
74	Upper housing	1	104	Battery room base	1
75	LED	1	105	Rubber button	1
76	Bolt	3	106	Plain washer	1
77	Snow guiding tube	1	107	Spring	1
78	Snow hopper	1	108	Pressing plate	1
79	Right handle	1	109	Self-locking botton	1
80	Limited block	1	110	Dust cover	1
81	Trigger	1	111	Screw	2
82	Left handle	1	112	Speed controller	1
83	Pin	1	113	Nut	1
84	Tension spring	2	114	Knob spring	1
85	Swinging strut	2	115	Speed control switch	1
86	Screw	4	116	Soft leather	1
87	Pressing plate	2	117	Trigger	1
88	Battery room cover	1	118	Trigger bracket	1
89	Battery room	1	119	Switch	1
90	Pop-up device	2	120	Spring	1
91	Sping	4	121	Spring bearer plate	1
92	Pop-up device base	2	122	Switch lever	1
93	Aluminum tube	2	123	Top tube	1
94	Headless power cord	1	124	Rubber hose	1
95	Bellows	1	125	Plug-in assembly	1
96	Bellows pressing plate	1	126	Switch	1
97	Pipe clamp	2	127	Screw	10
98	Adapter sleeve	2			
99	Cable clamp	2			
100	Lower panel	1			



model no. 060-0579-0 | contact us 1.866.523.5218

FIVE-YEAR LIMITED WARRANTY

For five (5) years from the date of purchase within Canada, Yardworks Canada will, at its option, repair or replace for the original purchaser, free of charge, any part or parts found to be defective in material or workmanship (excludes battery).

For three (3) years from the date of purchase within Canada, Yardworks Canada will, at its option, repair or replace for the original purchaser, free of charge, any battery found to be defective in material or workmanship.

THIS WARRANTY DOES NOT COVER

1. Any part that has become inoperative due to misuse, commercial use, abuse, neglect, accident, improper maintenance, or alteration;
2. The unit, if it has not been operated and/or maintained in accordance with the owner's manual;
3. Normal wear, except as noted below;
4. Routine maintenance items such as lubricants, blade sharpening; or
5. Normal deterioration of the exterior finish due to use or exposure.

FULL ONE YEAR (365) DAYS WARRANTY ON NORMAL WEAR PARTS

Normal wear parts are defined as blade adaptors, blades, grass bags and tires. These parts are warranted to the original purchaser to be free from defects in

material and workmanship for a period of three hundred and sixty-five (365) days from the date of retail purchase.

HOW TO OBTAIN SERVICE

Warranty service is available by calling the toll-free helpline at 1.866.523.5218. The factory will not accept the return of a complete unit unless prior written permission has been extended by Yardworks Canada.

TRANSPORTATION CHARGES

Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. The purchaser must pay transportation charges for any part submitted for replacement under this warranty unless such return is requested in writing by Yardworks Canada.

OTHER WARRANTIES

All other warranties, express or implied, including any implied warranty of merchantability is limited in its duration to that set forth in this express limited warranty.

The provisions as set forth in this warranty provide the sole and exclusive remedy of Yardworks Canada obligations arising from the sale of its products.

FCC Part 15

Supplier's Declaration of Conformity

Product Description: 48 V 2.0 A Charger

Model Number: 060-1990-0

Trade Name: YARDWORKS®

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Responsible Party:

Positec USA, Inc.

PO Box 681298, Charlotte, NC 28216

Tel: 1.866.523.5218

Fax: (704) 599-6390