



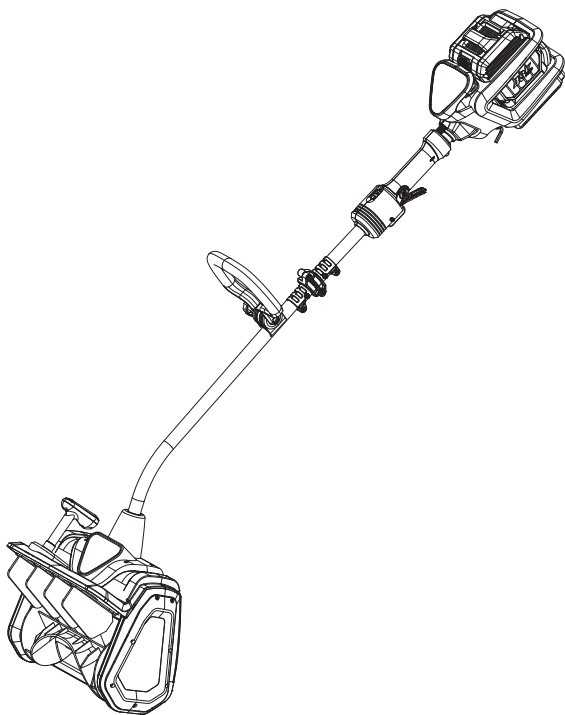
# YARDWORKS<sup>®/MD</sup>

## CORDLESS SNOW SHOVEL

model number 060-0673-4 | contact us 1.866.523.5218



Intertek  
3025736



### 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**



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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 (DD/MM/YYYY): \_\_\_\_\_

Notes: \_\_\_\_\_

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**IMPORTANT SAFETY INSTRUCTIONS****READ ALL INSTRUCTIONS****FOR ALL SNOW SHOVELS**

1. Do not use on gravelled surface unless the snow shovel 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 snow shovel.
5. Operation of the snow shovel 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 snow shovel 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 snow shovel – 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 snow shovel strikes a foreign object follow these steps:
  - i) Stop snow shovel. Release the switch.
  - ii) Remove the battery pack.
  - iii) Inspect for damage.
  - iv) Repair any damage before restarting and operating the snow shovel.
12. Disconnect snow shovel – remove battery pack from the machine when not in use, before servicing, when changing accessories, and the like.
13. Store idle snow shovel indoors – when not in use, snow shovel should be stored indoors in a dry, locked-up place – out of reach of children.
14. Maintain snow shovel 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 has 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 130°C (265°F) 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 SNOW SHOVEL

#### 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 snow shovel 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 snow shovel for any damage, and repair the damage before restarting and operating the snow shovel.
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 snow shovel, 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 snow shovel 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 snow shovel is transported or not in use.
13. Use only attachments and accessories approved by the manufacturer of the snow shovel (such as wheel weights, counterweights, or cabs).
14. Never operate the snow shovel 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 snow shovel. 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 snow shovel 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

1. **Do not dismantle, open or shred battery pack.**
2. **Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.**
3. **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.
4. **Do not remove battery pack from its original packaging until required for use.**
5. **Do not subject battery pack to mechanical shock.**
6. **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.**
7. **Observe the plus (+) and minus (-) marks on the battery back and equipment and ensure correct use.**
8. **Do not use any battery pack which is not designed for use with the equipment.**
9. **Keep battery pack out of the reach of children.**
10. **Seek medical advice immediately if a cell or battery has been swallowed.**
11. **Always purchase the battery pack recommended by the device manufacturer for the equipment.**
12. **Keep battery pack clean and dry.**
13. **Wipe the battery pack terminals with a clean, dry cloth if they become dirty.**
14. **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.**
15. **Do not leave battery pack on prolonged charge when not in use.**
16. **After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.**
17. **Recharge only with the charger specified by the manufacturer. Do not use any charger other than that specifically provided for use with the equipment.**
18. **Retain the original product literature for future reference.**
19. **Use only the battery pack in the application for which it was intended.**
20. **Remove the battery pack from the equipment when not in use.**
21. **Dispose of properly.**
22. **Do not mix cells of different manufacture, capacity, size or type within a device.**



**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.



**IMPORTANT SAFETY INSTRUCTIONS**

Save these instructions – this manual contains important safety and operating instruction for battery charger model **060-0749-6**.

**DANGER** – To reduce the risk of fire or electric shock, carefully follow these instructions. Before using battery charger, read all instructions and cautionary markings on battery charger, battery, and product using battery.

**WARNING:**

1. **WARNING**—To reduce the risk of fire and electric shock, install in a temperature- and humidity-controlled indoor area relatively free of conductive contaminants.
2. **CAUTION**—To reduce the risk of fire and electric shock, remove battery charger from the receptacle when not in use.
3. **WARNING** –To avoid electric shock, do not touch exposed live terminals or connected parts.
4. **CAUTION**—For continued protection against risk of fire, replace only with same type and ratings of fuse.
5. **CAUTION**—To reduce the risk of fire, use only on circuits provided with **T5A250V** ampere branch-circuit protection in accordance with the National Electrical Code, ANSI/NFPA 70.
6. **CAUTION**—For use indoor only. To reduce the risk of fire and electric shock, do not expose to liquid, vapour, or rain.
7. **CAUTION**—Disconnect supply before changing fuse.
8. **CAUTION**—To reduce risk of injury, charge only **060-1987-2/060-1988-0/060-1989-8/060-1775-6** type rechargeable batteries. Other types of batteries may burst causing personal injury and damage.
9. This battery charger is intended to be correctly orientated in a vertical or floor mount position.
10. Disconnect power to the receptacle before installing or removing the unit. When removing receptacle cover screw, cover may fall across plug pins or receptacle may become displaced.
11. Use only with duplex receptacle having centre screw.

12. Secure unit in place by receptacle cover screw.

13. To reduce the risk of fire and electric shock, do not replace this plug assembly.

**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.



**SAVE THESE INSTRUCTIONS**

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.
 <b>call2recycle</b>	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	48 V 
No load speed	1500 RPM/1900 RPM
Clearing width	12" (30 cm)
MAX clearing depth	6" (15 cm)
Throwing distance	25' (7.6 m)
Rotation	3 position
Battery capacity (060-1988-0)	4.0 Ah
Charger input (060-0749-6)	120 V~, 60 Hz, 230 W
Charger output (060-0749-6)	48 V  , 4 A
Charging time (approx.)	1 h 15 min
Weight (without battery)	9 lb 4.5 oz (4.21 kg)

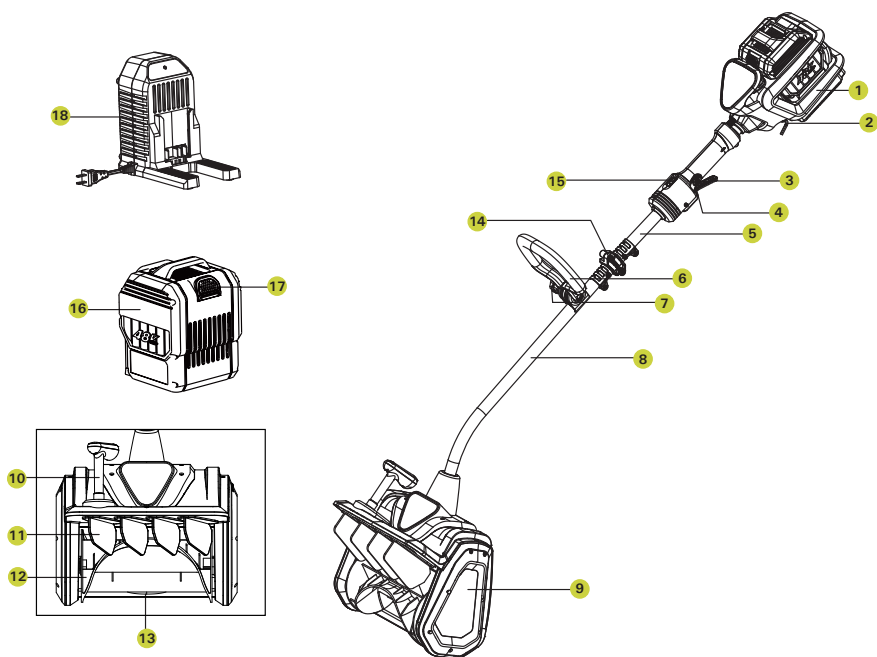
**SUITABLE BATTERY PACKS**

Item Number	060-1987-2	ABP4830SH1	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	Included	Not included	Not included

**SUITABLE CHARGERS**

Item number	060-1990-2	060-1992-8	060-1909-0	060-0749-6
Charger input	120 V~, 60 Hz, 110 W	120 V~, 60 Hz, 320 W	120 V~, 60 Hz, 250 W	120 V~, 60 Hz, 230 W
Charger output	48 V  , 2 A	48 V  , 6 A	48 V  , 2 A (output 1) 48 V  , 2 A (output 2)	48 V  , 4 A
Charger protection class	 /II	 /II	 /II	 /II
	Not included	Not included	Not included	Included

- |                                    |                                 |
|------------------------------------|---------------------------------|
| 1. Battery pack compartment        | 10. Snow chute adjustment bar   |
| 2. Hex key                         | 11. Chute                       |
| 3. On/off switch                   | 12. Auger                       |
| 4. Lock off button                 | 13. Scraper                     |
| 5. Upper handle                    | 14. Handle connection coupling  |
| 6. Auxiliary handle                | 15. Mode selecting control      |
| 7. Auxiliary handle adjusting knob | 16. Battery pack (060-1988-0)   |
| 8. Lower handle                    | 17. Battery pack release button |
| 9. Belt drive cover                | 18. Charger (060-0749-6)        |



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

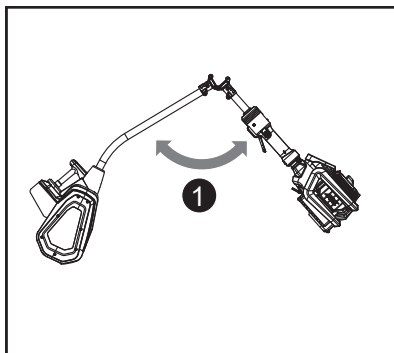


**NOTE:** Before using the tool, read the instruction book carefully.

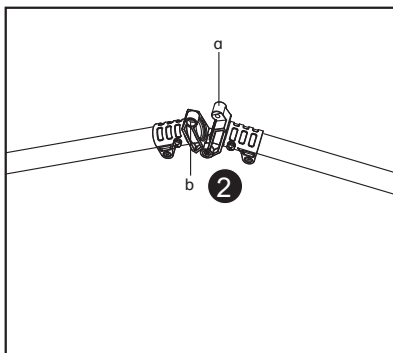
## ASSEMBLY

### 1. CONNECTING THE HANDLES

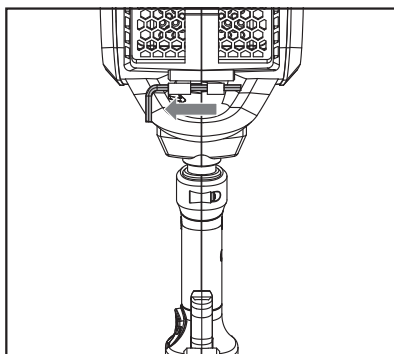
- 1) Unfold the upper handle and lower handle (see Fig. A1).
- 2) Connect the lower handle with the upper handle until the hole (b) on the lower handle is correctly aligned with the hole (a) on the upper handle (see Fig. A2).
- 3) Remove the hex key from the back side of the battery housing (see Fig. A3).
- 4) Insert the bolt into the hole and tighten the bolt with the hex key by turning it clockwise until the handles are connected tightly (see Fig. A4).



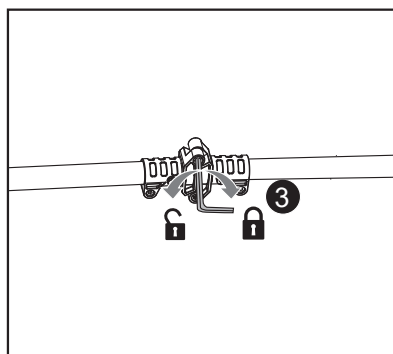
A1



A2



A3



A4

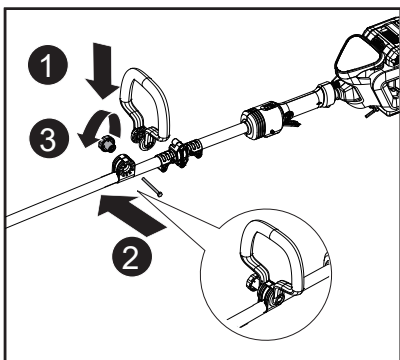
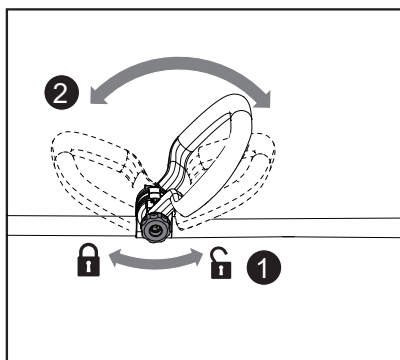
**2. AUXILIARY HANDLE**

The auxiliary handle is pre-assembled on the handle.

You also can secure the auxiliary handle onto the pole in your preferred position with the bolt and auxiliary handle adjusting knob (see Fig. B).

**3. ADJUSTING THE ANGLE OF THE AUXILIARY HANDLE**

- 1) Stop the machine and remove the battery pack. Wait until the blade comes to a complete stop.
- 2) Loosen the auxiliary handle by turning the auxiliary handle adjusting knob counter-clockwise (see Fig. C).
- 3) Rotate the auxiliary handle to a comfortable position (see Fig. C).
- 4) Fix the auxiliary handle by turning the knob clockwise.

**B****C**

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



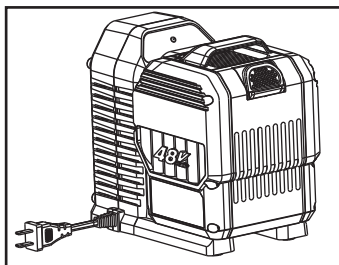
**CAUTION!** Do not insert the battery pack until the appliance has been completely assembled.

**BEFORE OPERATION****1. CHARGING YOUR BATTERY PACK****NOTE:**

- 1) The battery in your new tool is not charged when it leaves the plant; therefore, it must be fully charged before using the first time.
- 2) If the battery pack is very hot, remove the battery from the charger and allow it to cool to ambient temperature before attempting to recharge.
- 3) To prevent damage to the battery pack, please charge the battery to full or no less than half charge before storage.
- 4) If the tool will not be used for long periods of time, charge the battery pack every 3 – 6 months.

**CHARGING PROCEDURE (SEE FIG. D)**

- 1) Plug the charger into an appropriate outlet.
- 2) Slide the battery pack into the charger firmly. Make sure the battery is in the correct charge position. The light will begin flashing green to indicate the charging process has started.
- 3) When charging is completed, the light will become solid green.
- 4) When fully charged, unplug the charger and remove the battery pack.

**D**













**WARNING!** The charger and battery pack are specially designed to work together—do not attempt to use any other devices. Never insert or allow metallic objects into your charger or battery pack connections because an electrical failure and hazard will occur.



**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.

**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 0°C (32°F) or more than 40°C (104°F).
Green on  		Fully charged.
Green flash  		Charging.

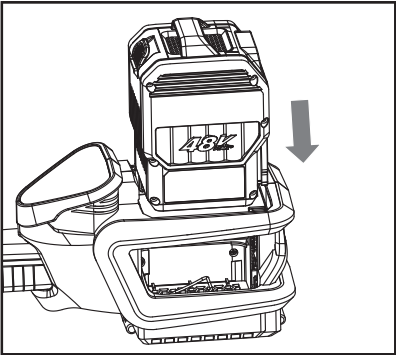
**2. TO REMOVE OR INSTALL BATTERY PACK**

**1) INSTALLING (SEE FIG. E1)**

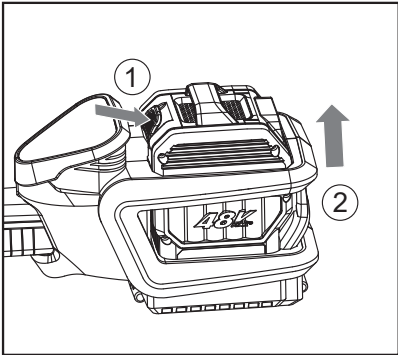
Place the fully charged battery pack into the tool until it clicks into position.

**2) REMOVING (SEE FIG. E2)**

Depress the battery pack release button firmly first and then lift the battery pack up to remove from your tool.



E1



E2

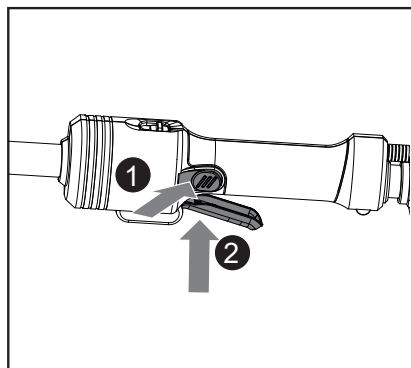


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**OPERATION****1. STARTING AND STOPPING**

To switch on, press the lock-off button first, then the On/Off switch (see Fig. F).

To switch off, release the On/Off switch.

**F**

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



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



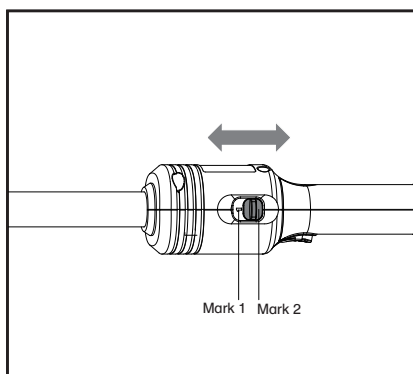
**WARNING:** The auger starts rotating immediately after the snow shovel is switched on. Keep hands and feet away from the auger.



**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  $-20^{\circ}\text{C}$  ( $-4^{\circ}\text{F}$ )) for a long time. The battery packs need to be warmed up before use.

**2. TWO-SPEED GEAR CONTROL**

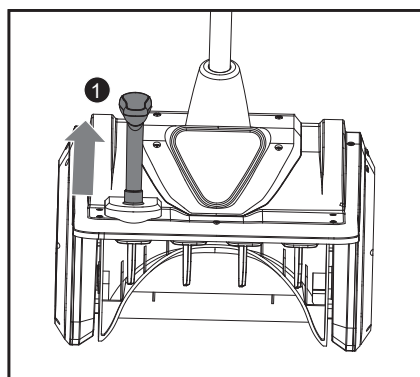
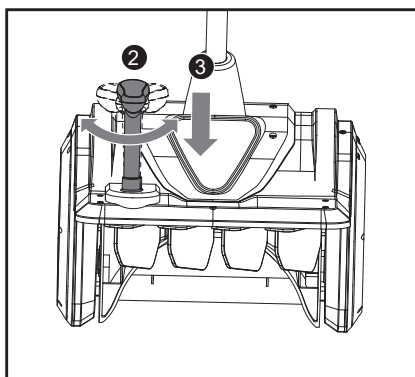
The snow shovel has a two-speed gear control designed for working at Low (mark is 1) or High (mark is 2) speeds (see Fig. G). Select either Low or High speed according to the required working condition.

**G**

### 3. CHANGING CHUTE DIRECTION

Adjust the chute direction according to your needs.

- 1) Pull the snow chute adjustment bar up to release the chute (see Fig. H1).
- 2) Hold and turn the snow chute adjustment bar right or left to adjust the direction (see Fig. H2).
- 3) Put the snow chute adjustment bar back when the required direction is adjusted.

**H1****H2**

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

**4. USING THE SNOW SHOVEL (SEE FIG. 1)**

- 1) Start the snow shovel by following the starting instructions. The depth and weight of the snow will determine the forward speed.
- 2) Direct the snow chute to the right or to the left by holding the snow shovel at a slight angle.
- 3) Push the snow shovel forward so that it rides on the scraper.
- 4) To remove snow most efficiently, throw the snow downwind and slightly overlap each swath.



1

**1. GENERAL MAINTENANCE TIPS**

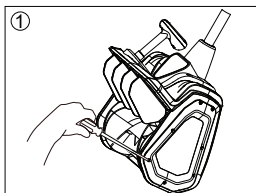
- 1) Do not attempt to repair the machine unless you have the proper tools and instructions for disassembly and repair of the machine.
- 2) Check bolts and screws at frequent intervals for proper tightness to ensure that the equipment is in safe working condition.
- 3) After each snow removal, shut off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

**2. PROPER CARE FOR BATTERY PACK AND CHARGER**

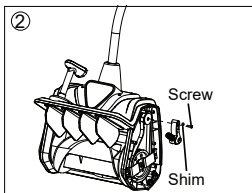
- 1) To reduce the risk of injury and damage, never immerse your battery pack or charger in liquid or allow any liquid to flow inside these components.
- 2) Clean out dust and debris from charger vents and electrical contacts by blowing with compressed air.
- 3) Use only mild soap on a damp cloth to clean the battery pack 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 AUGER**

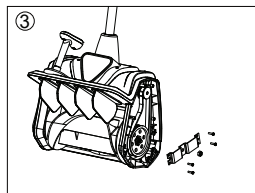
During use, the auger blades will wear down over time, which will eventually cause incomplete cleaning. If the unit cannot plow snow completely and leaves snow on ground, consider changing the auger blades.



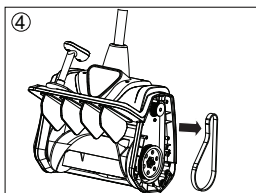
Remove the right side cover by removing screws.



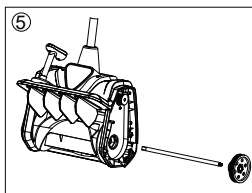
Loosen the screw and remove the spring tensioner. Be sure not to lose the shim.



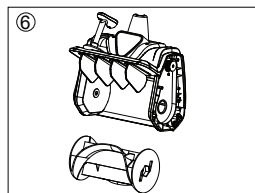
Remove the screw and sheet metal fasteners.



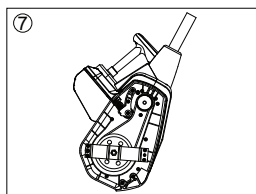
Remove the belt.



Remove the auger shaft with pulley assembly attached.



Replace the old/damaged auger.



Reverse the steps above to install the auger and side cover.



**WARNING!** Make sure to turn off the switch and remove the battery pack before performing any maintenance task on your snow shovel.



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

**CLEANING**

In order to avoid serious personal injury, turn the snow shovel off and remove battery before cleaning or servicing.

Use a small brush to clean the outside of the snow shovel. Do not use strong detergents. Household cleaners that contain aromatic oils such as pine and lemon, and solvents such as kerosene can damage the plastic housing and handles. Wipe off any moisture using a soft cloth.

**STORAGE**

1. Allow the motor to cool and clean the snow shovel before storing or transporting. Be sure to secure the unit while transporting.
2. Remove the battery pack from the snow shovel.
3. Inspect the snow shovel 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 pack, 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.

For battery tools:

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

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

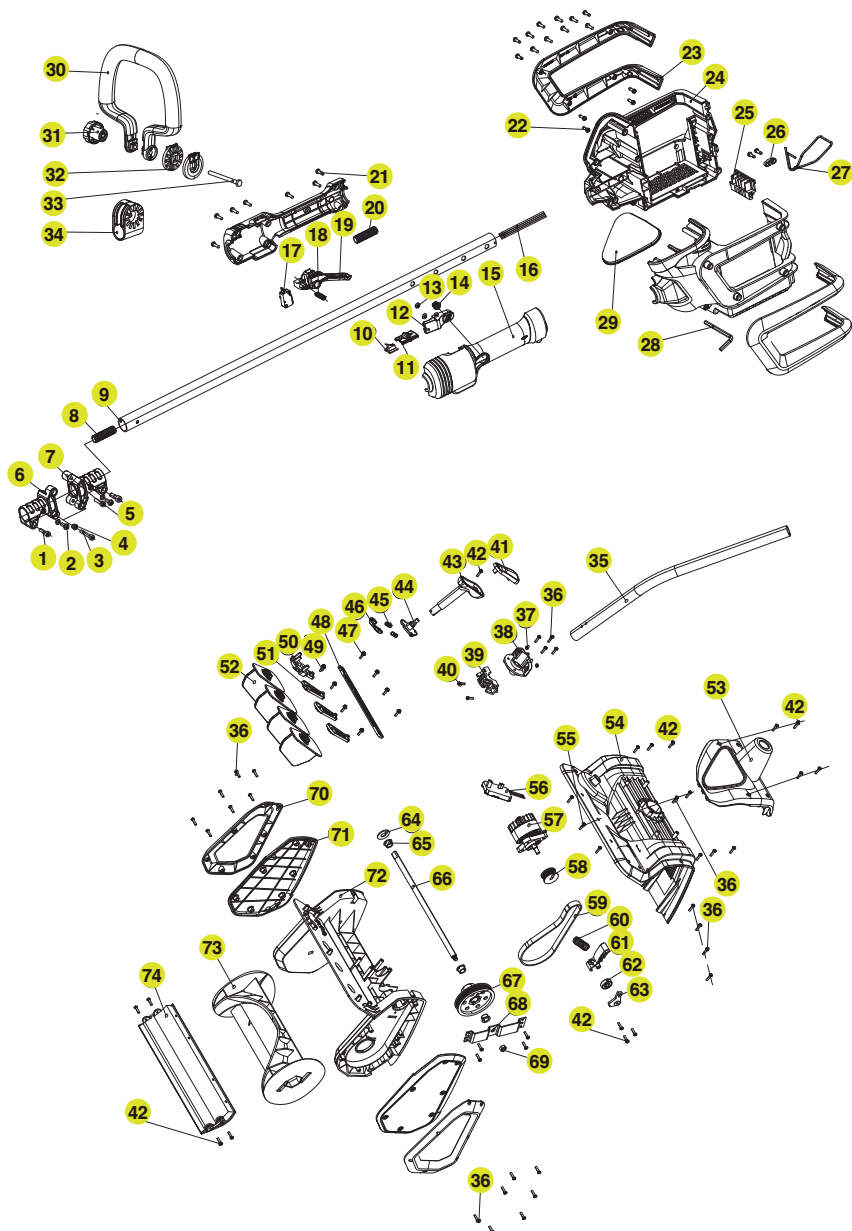
The snow shovel may not properly start if its battery temperature is -20°C (-4°F) or less. If unit doesn't start, remove the battery pack from the snow shovel and allow them to warm indoors for 10 minutes or longer. Reinstall the battery pack and try again.

The following table gives problems and actions that you can perform if your machine does not operate correctly. Warning: Switch the machine off and remove the battery prior to any troubleshooting.

Problem	Possible Cause	Corrective Action
The snow shovel does not start.	1. The battery is not charged.	1. Charge the battery pack.
	2. The lock-off button or on/off switch were not used properly.	2. Press and hold the lock-off button, while holding the lock-off button, press the on/off switch.
	3. The battery pack is too cold.	3. Remove battery pack from snow shovel. Place the battery pack indoors for 10 minutes or longer. Install in snow shovel for use.
	4. The battery pack is not fully inserted into the housing.	4. Check if the battery pack is fully inserted into the housing.
	5. The battery pack may require service or replacement.	5. Contact Yardworks® at 1.866.523.5218.
The motor is on, but the auger does not turn.	The auger is damaged.	Contact Yardworks 1.866.523.5218 for correct replacement part
The snow shovel leaves a thin layer.	The scraper is worn.	Contact Yardworks® at 1.866.523.5218.



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NO.	Part Description	Quantity			
1	Hexagon socket screw with cylindrical head	2	32	Sliding tooth	2
2	Pan head screws with flat washer and spring washer	2	33	Outer hexagon head bolt	1
3	Hexagon socket screw with cylindrical head	1	34	Locking sleeve	1
4	Self-locking nut M5	1	35	Lower aluminum tube	1
5	Hexagon socket screw with cylindrical head	1	36	Screw (pan head diameter Ø 7.3)	24
6	Adaptor sleeve I	1	37	M5 self-locking nut	2
7	Adaptor sleeve II	1	38	Bearing seat	1
8	Sleeve I	1	39	Bearing seat upper cover	1
9	Upper aluminum tube	1	40	Pan head screw	2
10	Microswitch * lifting lever	1	41	T-handle upper cover	1
11	Push button	1	42	Big head ST3.9X14 screw (pan head diameter Ø 7.3)	24
12	Anti-self-locking button	1	43	T-handle lower cover	1
13	Screw with gasket (outer circle diameter 9)	2	44	Connecting seat handle	1
14	Volute spring	1	45	Torsion compression spring	2
15	Left and right handle	1	46	Rotary buckle of connecting seat	1
16	9-core conductor	1	47	Screw with gasket (outer circle diameter 9)	4
17	Microswitch (with lifting lever)	1	48	Big chute bracket	1
18	Spring	1	49	Screw with gasket (outer circle diameter 9)	4
19	Switch button	1	50	Connecting seat chute bracket	1
20	Sleeve 2	1	51	Small chute bracket	3
21	Self-tapping screw	16	52	Chute	4
22	Self-tapping screw	12	53	Head cover	1
23	Left and right decorative cover	1	54	Upper cover	1
24	Left and right battery pack compartment	1	55	Screw (pan head diameter Ø 7.3)	1
25	48V electrode holder	1	56	6420 outer rotor controller	1
26	Cable pressing plate	1	57	6420 outer rotor motor	1
27	Steel wire spring	1	58	CTC outer rotor aluminum pulley	1
28	M6 Socket head wrench	1	59	Belt	1
29	Decorative cover	1	60	Adjusting seat compression spring	1
30	Auxiliary handle	1			
31	Knob nut assembly	1			

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NO.	Part Description	Quantity
61	Belt adjusting seat	1
62	6000 bearing	1
63	Belt adjusting seat cover	1
64	Gasket	1
65	Shaft sleeve	3
66	Auger shaft	1
67	Large pulley	1
68	Larger pulley pressing plate	1
69	Left-handed self-locking nut M8	1
70	Left and right side cover trim strips	1
71	Left and right side cover	1
72	Main body	1
73	Auger	1
74	Snow shovel	1

**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 and charger).

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 or charger 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.



model no. 060-0673-4 | contact us 1.866.523.5218

#### **FCC Part 15**

Supplier's Declaration of Conformity

Product Description: **48 V 4.0 A Charger**

Model Number: **060-0749-6**

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:



**YARDWORKS**®

**1.866.523.5218**

**Made in China**

**Imported by Yardworks Canada  
Toronto, Canada M4S 2B8**





