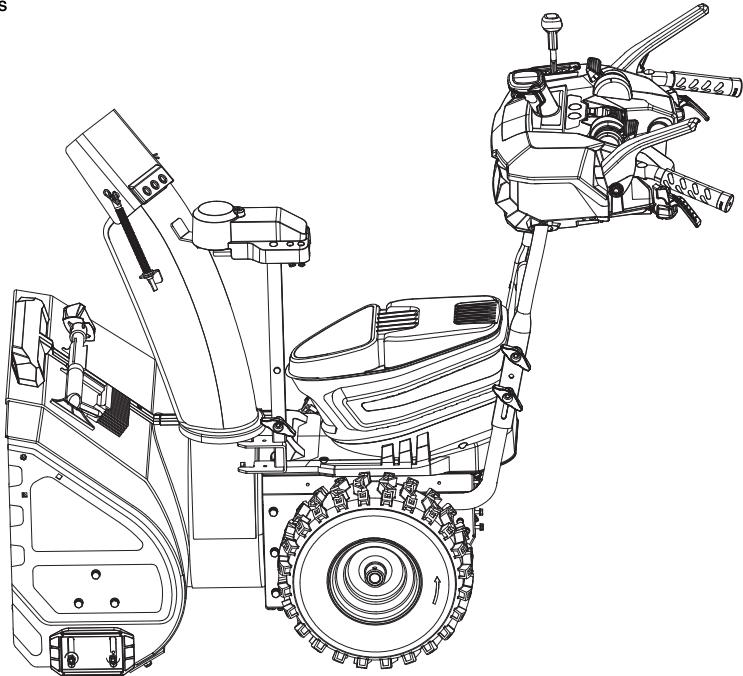




# YARDWORKS®/MD

## CORDLESS DUAL STAGE SNOW BLOWER

model number 060-0675-0 | contact us 1.866.523.5218



### **IMPORTANT:**

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

**Instruction  
Manual**



**STOP**

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<sup>®</sup> 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<sup>®</sup> 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: \_\_\_\_\_

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## IMPORTANT SAFETY INSTRUCTION

### READ ALL INSTRUCTIONS

### FOR ALL SNOW BLOWERS

- 1) Do not use on gravelled surface unless the snow blower 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 blower.
- 5) 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.
- 6) Avoid accidental starting – don't carry plugged-in snow blower 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 blower – 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 blower strikes a foreign object follow these steps:
  - i) Stop snow blower. Release the switch.
  - ii) Remove the battery pack.
  - iii) Inspect for damage.
  - iv) Repair any damage before restarting and operating the snow blower.
- 12) Disconnect snow blower – remove battery pack from the machine when not in use, before servicing, when changing accessories, and the like.
- 13) Store idle snow blower indoors – when not in use, snow blower should be stored indoors in a dry, locked-up place – out of reach of children.
- 14) Maintain snow blower 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 BLOWERS

#### 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 blower in reverse.

#### II. PREPARATION

1. Thoroughly inspect the area where the equipment is to be used and remove all



**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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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 blower for any damage, and repair the damage before restarting and operating the snow blower.
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 blower, 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 blower 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 blower is transported or not in use.
13. Use only attachments and accessories approved by the manufacturer of the snow blower (such as wheel weights, counterweights, or cabs).
14. Never operate the snow blower 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 blower. 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 shear bolts and other bolts at frequent intervals for proper tightness to be sure the equipment is in safe working

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## Safety Instructions

condition.

2. Always refer to operator's manual for important details if the snow blower 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 pack 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.

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### 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 **T5A 250V** 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

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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

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!**



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**PRODUCT SPECIFICATIONS**

Rated voltage	2*48 V
Auger speed	Low: 100 RPM High: 130 RPM
Auger	Steel blades
Clearing width	24" (61 cm)
Clearing depth	20" (50.8 cm)
Throw distance max.	up to 52' (16 m)
Auger diameter	12" (30.5 cm)
Wheel size	15" (38.1 cm)
Stages	Two stage
Directional control	200°
Battery capacity (060-1775-6)	8.0 Ah
Charger input (060-0749-6)	120 V~, 60 Hz, 230 W
Charger output (060-0749-6)	48 V , 4 A
Charging time (approx.)	2 h 15 min
Machine weight (without battery)	162 lb 9.5 oz (73.75 kg)

**SUITABLE BATTERY PACK**

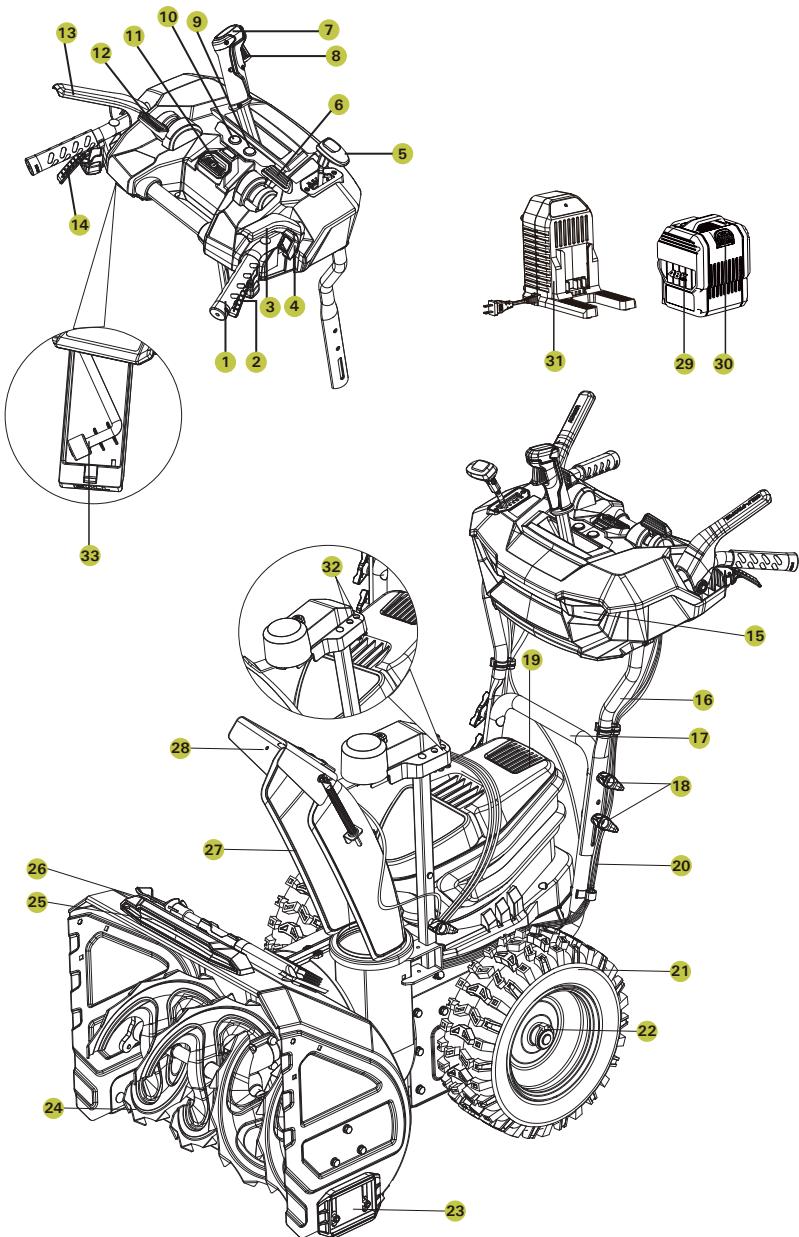
Item Number	060-1987-2	060-1988-0	060-1989-8	060-1775-6
Battery Capacity	2.0 Ah	4.0 Ah	6.0 Ah	8.0 Ah
	Not included	Not included	Not included	Included

**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

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## Product Diagram



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1. Handle	18. Lock knob
2. Right turn lever	19. Battery cover
3. Auger switch trigger	20. Cables
4. Auger switch lock lever	21. Wheel
5. Chute height adjustment knob	22. Wheel lock clip
6. Auger speed control lever	23. Skid shoe
7. Chute direction adjustment knob	24. Auger blade
8. Chute direction lock knob	25. Deck headlight
9. <b>Deck headlight button</b>	26. Chute cleaning tool
10. <b>Handle headlight button</b>	27. Discharge chute
11. Safety button	28. Chute deflector
12. Self-propel speed control lever	29. Battery pack (x2)
13. Self-propel trigger	30. Battery pack release button
14. Left turn lever	31. Charger (x2)
15. Headlight	32. <b>Replacement locking pin for auger blade (x2)</b>
16. Upper handle	33. <b>Spanner</b>
17. Lower handle	



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



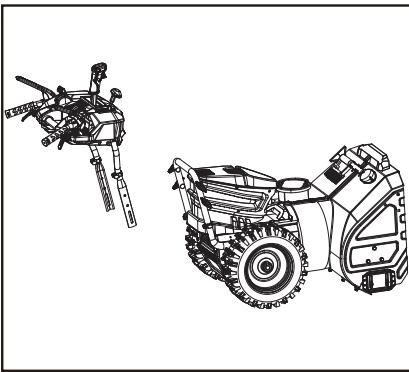
**NOTE:** Before using the tool, read the instruction book carefully.

## ASSEMBLY

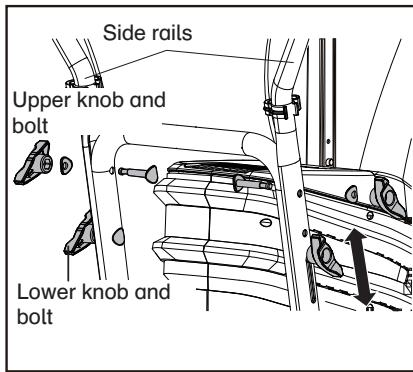
### 1. ASSEMBLING THE HANDLE

- 1) Hold the upper handle with the safety button facing upwards. Align the mounting holes of the upper handle and the lower handle (see Fig. A1).
- 2) Pass the 4 mounting bolts and washers through the mounting hole to the end (see Fig. A2).
- 3) Attach the 4 handle lock knobs and turn clockwise to lock the handle (see Fig. A3).
- 4) **Secure the inter-connection cord with wire clips. Pull the inter-connection cord to avoid contact with the wheel if necessary.**

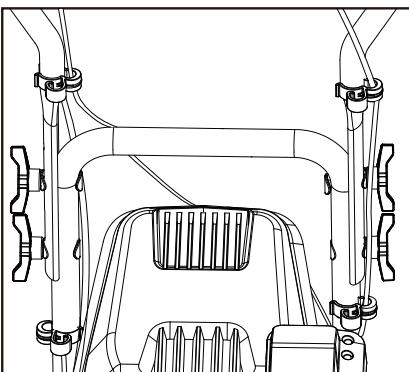
**NOTE:** The holes are also used for adjusting the handle height. Select appropriate holes as required (see HANDLE HEIGHT ADJUSTMENT on next page).



A1



A2



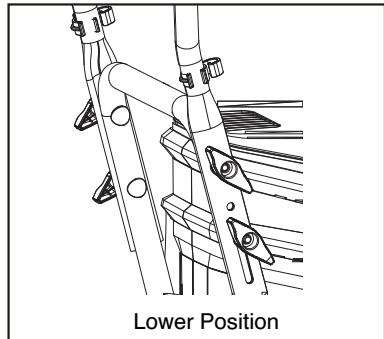
A3

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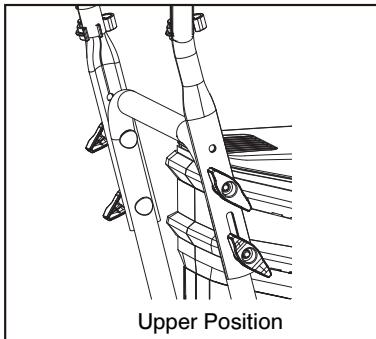
## 2. HANDLE HEIGHT ADJUSTMENT (SEE FIG. B1, B2)

The handle assembly can be set to two different heights. Choose a comfortable operating position according to your height.

- 1) Loosen the two upper handle lock knobs and pull out the two bolts.
- 2) Loosen the two lower handle lock knobs but do not remove them from the side rails during handle height adjustment.
- 3) Raise or lower the handle and select the appropriate height determined by one of the two hole sets in the side rails.
- 4) Once arriving at the appropriate set of holes, insert the upper bolts and tighten the upper handle lock knobs.
- 5) Tighten the two lower handle locking knobs to secure the side rails to the lower handle.



B1



B2



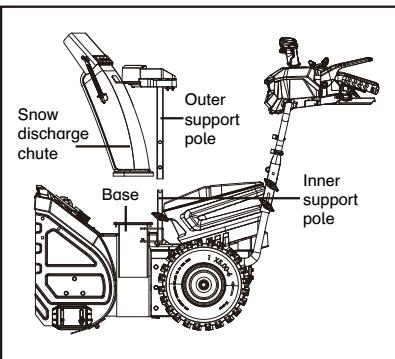
**WARNING!** To prevent accidental starting that could cause serious personal injury, always remove the battery pack(s) from the machine when making adjustments.

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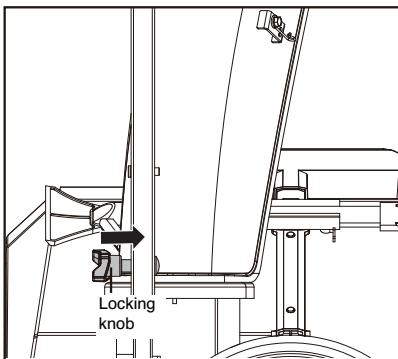
**3. ASSEMBLING THE DISCHARGE CHUTE**

- 1) Lift the snow discharge chute assembly and align the outer support pole with the inner support pole (see Fig. C1).
- 2) Slide the outer support pole down until the discharge chute is fully seated on the base.
- 3) Secure the snow-discharge chute assembly with the locking knob (see Fig. C2).
- 4) Use the supplied spanner to loosen the two nuts beside the lower deck. Secure the cables with the hook, then tighten the nuts (see Fig. C3).

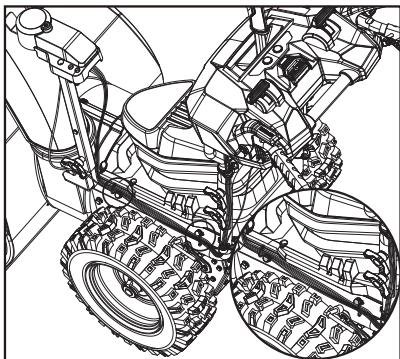
**NOTE:** The wire cables can be pulled slightly towards the handle side to simplify the assembly if necessary.



C1



C2



C3



**WARNING!** Never operate the snow blower without the complete discharge chute in place.

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## BEFORE OPERATION

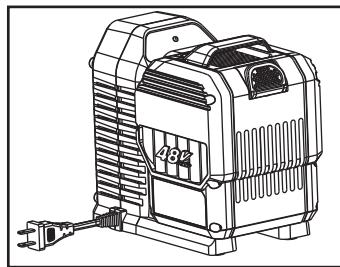
### 1. CHARGING YOUR BATTERY PACK

#### 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. D1)

- 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.



D1



**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.

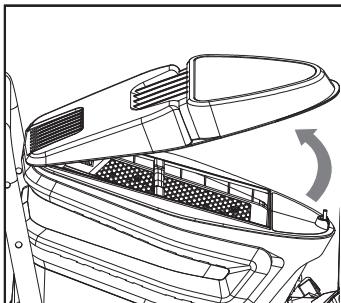
**CHARGING INDICATOR**

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

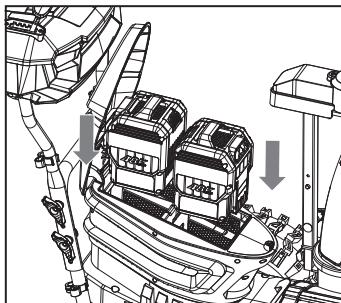
Light	ON/Flash	Status
Red on  	—	Defective battery.
Red flash  	.....	Battery temperature protection. The temperature of battery pack is less than 32°F (0°C) or more than 104°F (40°C).
Green on  	—	Fully charged.
Green flash  	.....	Charging.

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

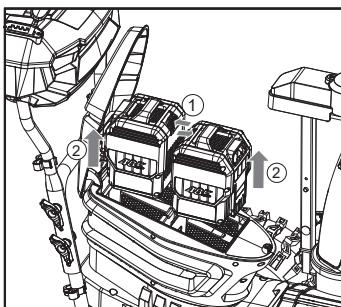
- 1) Open the battery pack cover and slide the battery packs into the battery port. A simple push and slight pressure will be sufficient (see Fig. D2, D3).
- 2) To remove, press the battery pack release button and remove the battery pack from the tool (see Fig. D4).



D2



D3



D4

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## OPERATION

### 1. DISCHARGE CHUTE DIRECTION AND THROW HEIGHT ADJUSTMENT

The chute can be adjusted to change both the direction and the throwing distance of the discharged snow to assist you in moving snow away from one area and depositing it in another.

#### CHUTE DIRECTION ADJUSTMENT (SEE FIG. E1)

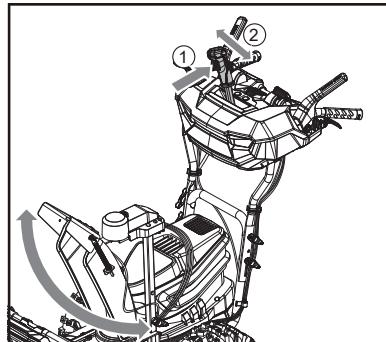
The direction of discharge chute can be adjusted up to 100° left and 100° right.

- 1) Depress and hold the chute direction lock knob.
- 2) Move the chute direction adjustment knob to the left or right to rotate the chute to the left or right.

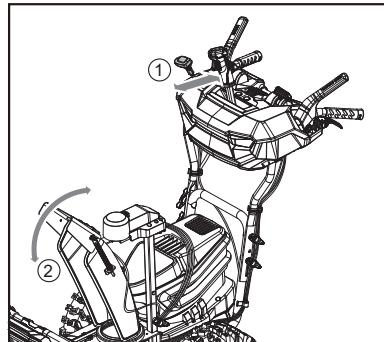
#### THROW HEIGHT ADJUSTMENT (SEE FIG. E2)

The chute deflector on the top of the discharge chute controls the height of the snow stream. There are 5 height adjustment levels.

- 1) To increase the height that the snow is thrown, pull the chute height adjustment knob backward. This will lift the deflector up.
- 2) To decrease the height that the snow is thrown, push the chute height adjustment knob forward. This will lower the deflector down.



E1



E2



**WARNING:** Never attempt to secure the wire cable under the chute direction/pitch control handle using cable/zip ties or any other fasteners. Avoid bending or twisting this wire cable. Failure to follow this instruction will result in the loss of control over the chute direction.



**WARNING:** To prevent accidental starting that could cause serious personal injury, always remove the battery pack(s) from the machine when making adjustments.



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

## 2. STARTING/STOPPING THE SNOW BLOWER (SEE FIG. F)

### TO START THE SNOW BLOWER

- 1) Ensure that the handle assembly is securely adjusted to appropriate height and the discharge chute assembly is mounted properly.
- 2) Ensure both battery packs are inserted to the snow blower and close the battery cover.
- 3) Press the safety button and the power indicator will light solid green, which means the snow blower is ready for the electronic functions that include auger rotation, self-propel and headlights. See detailed instructions below.

### TO STOP THE SNOW BLOWER

The snow blower can not be powered down when the auger or the self-propel function is turned on. In the case that the auger and the self-propel functions are turned off, there are two ways to power down the snow blower:

- 1) **Manually depress the safety button again to power down the snow blower.**
- 2) Alternatively, the snow blower will power down automatically in the following situations:
  - a. When there are no active electronic function, the snow blower will power down automatically after 5 minutes of inactivity.
  - b. When the headlights are turned on with no other active electronic function, the headlights will turn off automatically after 5 minutes, and the snow blower will power down automatically after another **5 seconds**.



**WARNING: The snow blower is started by FIRST depressing the safety button, followed by activation of one of the electronic functions. The reverse order will fail to activate any of these functions.**



**WARNING: The operation of a snow blower can result in foreign objects being thrown into your or others' eyes, which can damage eyes severely. Always wear safety glasses while operating the snow blower or while performing any adjustments or repairs on the snow blower.**



**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 snow blower can cause serious damage and personal injury.**

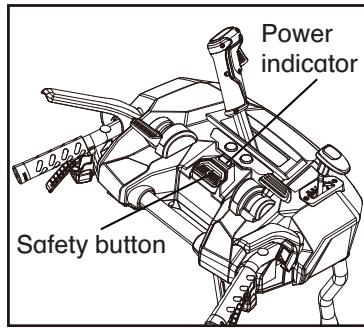


**WARNING: The auger starts rotating immediately after the snow blower is switched on. Keep hands and feet away from the auger. Allow the auger to stop rotating before starting it again.**



**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°C/-4°F) for a long time. The battery pack needs to be warmed up before use.**

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F

### 3. TURN ON THE AUGER AND AUGER SPEED ADJUSTMENT

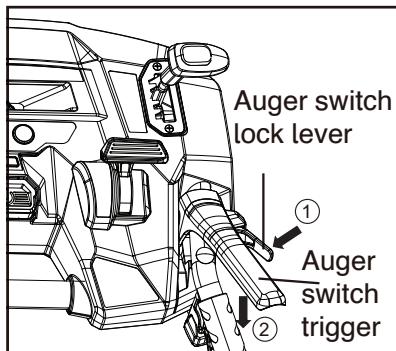
#### TURN ON THE AUGER (SEE FIG. G1)

- 1) Press the safety button and the power indicator will light up solid green.
- 2) To turn on the auger, squeeze the auger switch lock lever and then press the auger switch trigger down against the handle.
- 3) To turn off the auger, release the auger switch trigger. **If the self-propel trigger is engaged, release it at the same time.** The speed of the auger determines the throwing distance. The speed of the auger is variable and can be adjusted using the auger speed control lever.

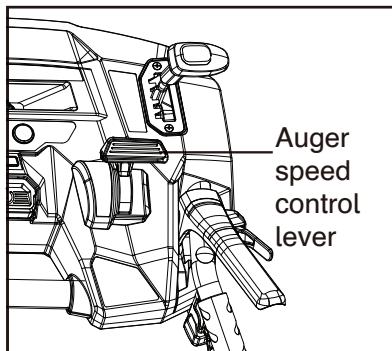
#### AUGER SPEED ADJUSTMENT (SEE FIG. G2)

- 1) To increase the speed, move the auger speed control lever forward (away from the user).
- 2) To decrease the speed, move the auger speed control lever backward (towards the user).

**NOTE:** The position of the auger speed control determines the auger speed, so the auger speed adjustment is effective at any time.



G1



G2

#### 4. THE SELF-PROPEL FUNCTION AND SELF-PROPEL SPEED ADJUSTMENT

##### THE SELF-PROPEL FUNCTION (SEE FIG. H1)

This snow blower features a variable speed self-propel capability. The self-propel function can be turned on with or without auger rotation.

- 1) Press the safety button and the power indicator will light up solid green.
- 2) To turn the self-propel function on, press the self-propel trigger down against the handle.
- 3) To turn the self-propel function off, release the self-propel trigger.

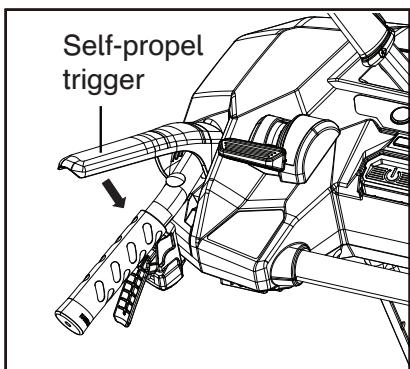
##### SELF-PROPEL SPEED ADJUSTMENT (SEE FIG. H2)

The speed of the self-propel system can be adjusted using the self-propel speed control lever.

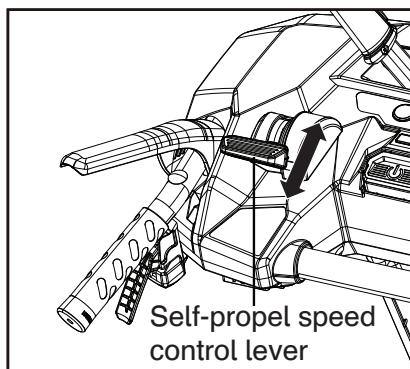
- 1) To move forward, position the self-propel speed lever in the forward area ("F" position). Move the self-propel speed control lever forward (away from the user) within the forward area to increase the speed. Or move the self-propel speed control lever backward (towards the user) within the forward area to decrease the speed.
- 2) To move backward, position the self-propel speed lever in the reverse area. ("R" position). Move the self-propel speed control lever FORWARD (away from the user) within the reverse area to DECREASE the speed. Or move the self-propel speed control lever BACKWARD (towards the user) within the reverse area to INCREASE the speed.

**NOTE:** You will feel a "click" that separates the forward and reverse areas of the self-propel speed control lever ("N" position).

**NOTE:** If you switch from the 'F' (Forward) position to the 'R' (Reverse) position, or vice versa, during operation, the machine will stop. You will need to restart it.



H1



H2



**WARNING:** The position of the self-propel speed control lever determines the moving speed, so the speed adjustment is effective at any time. For your safety, it is recommended to check and adjust the self-propel speed to the slowest before turning on the self-propel function.

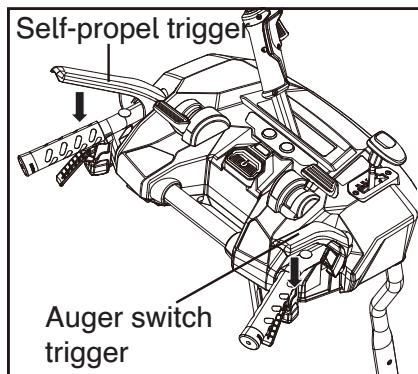
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### 5. AUGER SWITCH TRIGGER AND SELF-PROPEL TRIGGER LINKAGE (SEE FIG. I)

When you activate the self-propel trigger and the auger switch trigger at the same time, the auger switch trigger will be temporarily locked. Release the auger switch trigger (right hand) and the auger switch trigger will remain engaged.

This feature allows you to adjust the auger speed, self-propelling speed, and discharging direction of the snow while the auger rotates.

To stop the auger, release the self-propel trigger and both the auger and the self-propel function will stop.

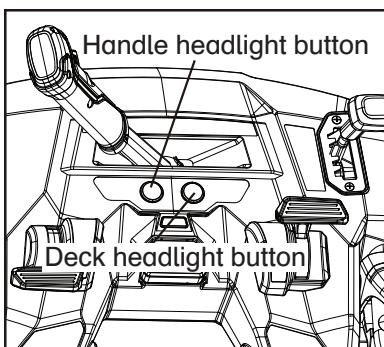


## 6. DECK AND HANDLE HEADLIGHTS (SEE FIG. J)

One set of LED headlights is located on the front of the deck and another set on the front of the handle area.

- 1) Press the safety button and the power indicator will light up solid green.
- 2) Press the handle headlight button to turn on the handle headlight. Press it again to turn off the light.
- 3) Press the deck headlight button to turn on the deck headlight. Press it again to turn off the light.

**NOTE:** All headlights will turn off automatically if there is no other active electronic function after 5 minutes.



J

## 7. MAKING A TURN

The wheels of the snow blower can be disengaged using the right or left turn lever to assist in making a right or left turn when operating the snow blower.

- 1) Press the safety button and the power indicator will light up solid green.
- 2) Press the self-propel trigger down against the handle to activate the self-propel function.
- 3) Squeeze the left or right turn lever to make a turn:
  - a. Squeeze the left turn lever to disengage the left wheel from the self-propel motor and the snow blower will turn left.
  - b. Squeeze the right turn lever to disengage the right wheel from the self-propel motor and the snow blower will turn right.
  - c. Squeeze both levers at the same time to disengage both wheels from the self-propel motor and the snow blower will stop moving.

**NOTE:** When the snow blower is pushed forward or pulled backward manually, squeeze both levers at the same time, then the wheels will be disengaged from the self-propel motor. This will make the manual moving be easier.



**WARNING: When squeezing both levers to stop the self-propel motion, the snow blower will not stop immediately as the wheels will continue to rotate for a while due to inertia. For your safety, do not release the handles of the snow blower until the snow blower stops completely.**

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## 8. OPERATING TIPS

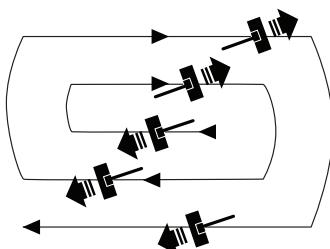
Snow is best removed as soon as possible after snow fall.

- 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 snow blower hits an obstruction or picks up a foreign object during use, stop the snow blower, 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 snow blower with excessive force. Do not exceed the unit's intake or throw rate.
- 6) Some parts of the snow blower may freeze under extreme temperature conditions. Do not attempt to operate the snow blower with frozen parts. If the parts freeze while the snow blower is in use, stop the snow blower, remove the battery, and inspect for frozen parts. Free all parts before restarting or operating the snow blower. 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, a 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. K1).

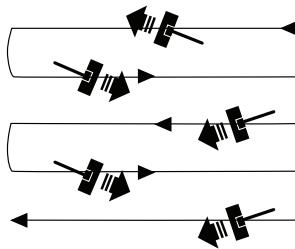
Pattern B: If the snow can only be thrown to one side of the area to be cleared, start on the opposite side (see Fig. K2).

**Pattern A**



K1

**Pattern B**



K2

8) When finished, allow the auger motor to run for an additional few minutes to prevent moving parts from freezing, move the snow blower in self-propel mode to ensure the wheels rotate freely, then operate the chute direction/pitch control handle to rotate the chute from left to right and move the deflector up and down to free it from any ice buildup. Make sure to clean off any snow and ice from the base of the chute.



**WARNING!** Never use a snow blower on frozen lakes, rivers, or similar surfaces. Death or serious injury could occur if the ice breaks.



**WARNING!** Never use the snow blower on a rooftop or other unstable surface, which can result in death or serious personal injury.



**WARNING!** Do not wear loose clothing, scarves, or jewellery. They can be caught in moving parts and cause death or serious personal injury.



**WARNING!** Keep all snow discharge pointed away from all electrical devices to reduce the risk of electrocution or electric shock.



**WARNING!** Never point the snow blower or discharge chute in the direction of people or pets. Thrown snow or other objects can cause serious personal injuries.



**WARNING!** Never reach into the discharge chute or place any body part in front of the snow blower when the unit is operating or when the battery pack(s) are installed. Always ensure all moving parts have stopped and the battery pack(s) have been removed before clearing any obstructions. Failure to follow these instructions can result in serious personal injury.

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### 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 AND ADJUSTING THE SKID SHOES

When encountering uneven or gravel surfaces, the height of the skid shoes need to be adjusted to increase the ability of the snow blower to manoeuvre on the snow.

When the skid shoes are broken or the maximum height adjustment does not meet requirement, replace the skid shoes.

**Required tool:**

- spanner

**To replace the skid shoes (see Fig. L1)**

- 1). Remove the battery pack(s).
- 2). **Open the left handle-side drawer and take out the spanner.** Loosen and remove the nuts, gaskets and the skid shoe on the side of the deck.
- 3). Replace the skid shoe with a new one.
- 4). Reassemble nuts, gaskets, and bolts. Securely tighten them.



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



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

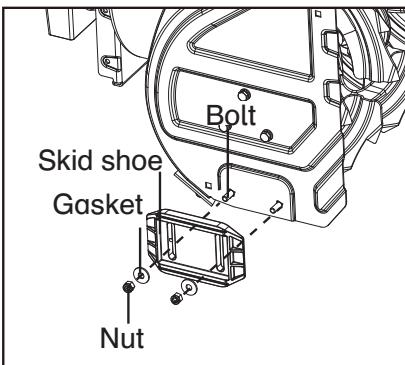


**WARNING! When servicing, use only identical replacement parts. Use of any parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.**

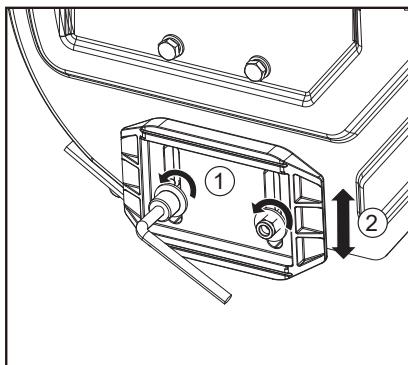
**To adjust the height of skid shoes (see Fig. L2)**

When encountering uneven or gravel surfaces, the height of the skid shoes need to be adjusted to increase the ability of the snow blower to manoeuvre on the snow.

The height of the skid shoes can be adjusted according to the actual snow conditions without removing the nuts. **Open the left handle-side drawer and take out the spanner. Just loosen the nuts with the spanner, adjust the skid-shoe position, and then retighten the nuts.**



L1



L2

**4. REPLACING THE SCRAPER BAR (SEE FIG. M)**

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

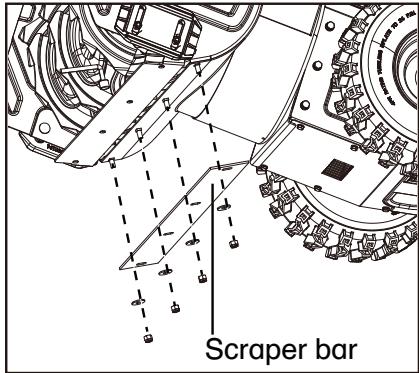
**To replace scraper bar**

Required tool (not included):

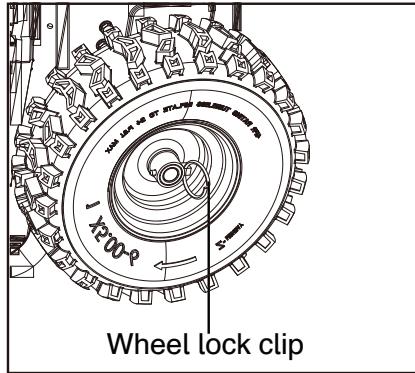
- one socket wrench

- 1). Remove the battery pack(s).
- 2). Lay the snow blower on its side or any other convenient position for scraper bar service.
- 3). Detach the worn scraper bar from the snow blower by removing the 4 nuts that hold it in place.
- 4). Install the new scraper bar and fasten it securely to the snow blower with the original screws.

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M



N

## 5. CHECKING THE TIRE PRESSURE

It is important for level removing of the snow that all tires have the correct amount of air pressure (**(20 PSI) 137.9 kPa**). If the snow blower is not tracking straight, please check the air pressure of the wheels first.

### Required tools (not included):

- Tire pressure gauge
- Air compressor / inflator or heavy-duty bicycle pump

## 6. REPLACING THE WHEEL (SEE FIG. N)

Replace the wheel if it shows signs of excessive wear, cracking, punctures, or if it no longer maintains proper air pressure. Wheel replacement are also necessary if the machine experiences reduced traction or stability during operation.

- 1). Remove the battery pack(s).
- 2). Secure the snow blower on a flat and stable surface.
- 3). Remove the locking clip that secures the wheel to the axle. Carefully remove the wheel from the axle.
- 4). Install the new wheel by aligning the holes of the wheel and the axle. Reinsert and secure the locking clip to hold the new tire in place.
- 5). Check that the wheel is properly seated and rotates freely before use.



**WARNING!** Check the tire pressure carefully while inflating. Too much air in the tire could cause the tire to burst, causing serious personal injury.



**WARNING!** Maintaining correct air pressure in the tires is very important. Too little pressure could allow the tire to rotate off the wheel rim. Too much pressure could cause the tire to burst. Failure to maintain correct air pressure in the tires could cause problems with snow blower operation and stability, causing serious personal injury.

## STORAGE

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

### For battery tools

The storage temperature range of the tool is -13°F – 113°F (-25°C – 45°C), and the operating temperature range is -22°F – 68°F (-30°C – 20°C).

The ambient temperature range for the use and storage of the 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 snow blower 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 snow blower and allow them to warm indoors for 10 minutes or longer. Reinstall the batteries and try again.

If the ambient temperature is below -31°F (-35°C), the tool may not start. In this case, place the machine in a warmer environment for a period of time before use.

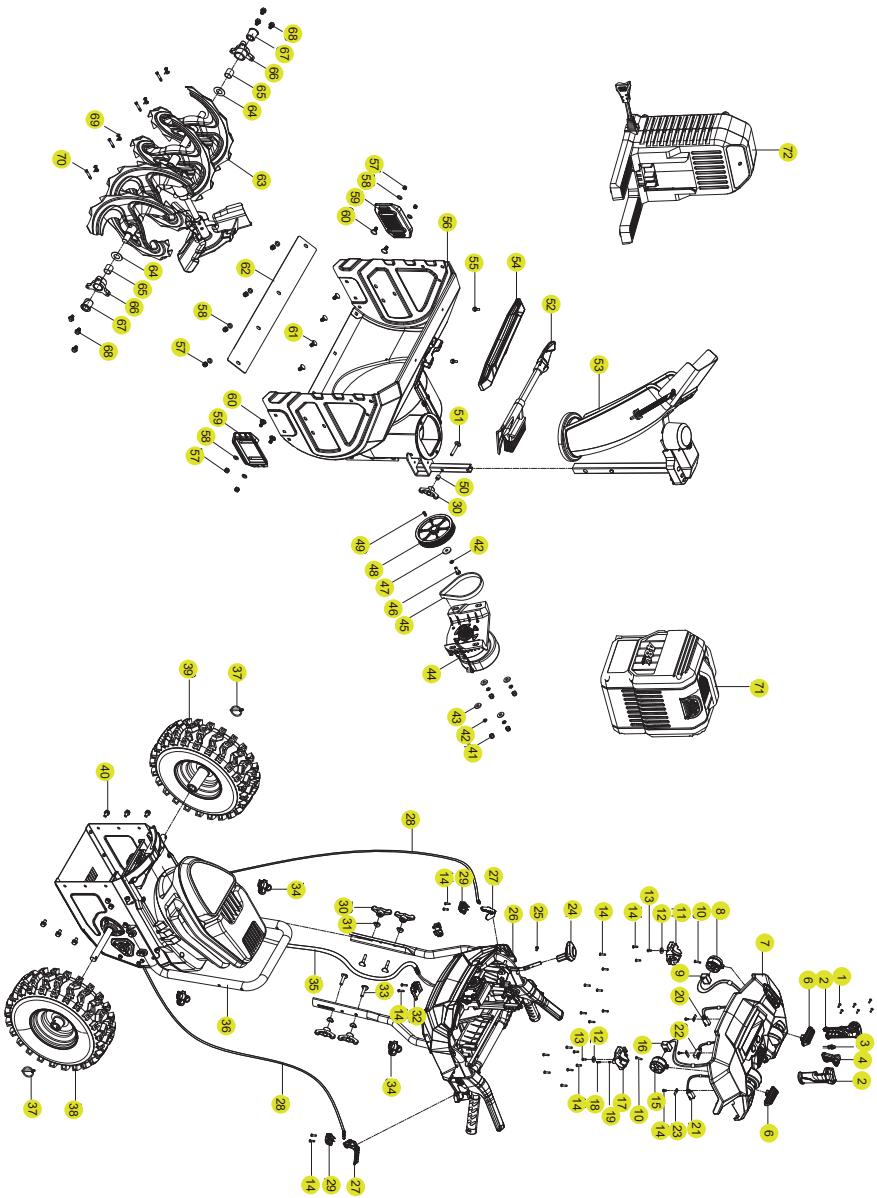


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Problem	Possible Cause	Solution
Unit will not start.	<ol style="list-style-type: none"> <li>1. The battery temperature is -4°F (-20°C) or less.</li> <li>2. Batteries are flat.</li> <li>3. Batteries are not locked in position.</li> <li>4. The safety button is not depressed.</li> <li>5. <b>Power indicator flashes.</b></li> </ol>	<ol style="list-style-type: none"> <li>1. Remove the battery packs from the snow blower and allow them to warm indoors for 10 minutes or longer.</li> <li>2. Charge the batteries.</li> <li>3. Reinsert the batteries, and try to start the machine again.</li> <li>4. <b>Depress the safety button, and pull the switch bar lever.</b></li> <li>5. Reinsert the battery pack or <b>Contact Yardworks® at 1.866.523.5218.</b></li> </ol>
After passing, the snow blower leaves a layer of snow on the ground.	<ol style="list-style-type: none"> <li>1. The scraper bar is worn.</li> <li>2. The skid shoes are set too low to place the scraper bar too far from the ground.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace the scraper bar following the section "REPLACING THE SCRAPER BAR" in this manual.</li> <li>2. Adjust the height of the skid shoes following the section "TO ADJUST THE HEIGHT OF SKID SHOES" in this manual.</li> </ol>
The snow blower throws less snow.	<ol style="list-style-type: none"> <li>1. The augers are worn.</li> <li>2. Auger speed may be too low.</li> </ol>	<ol style="list-style-type: none"> <li>1. Contact service centre for repair.</li> <li>2. Increase the auger speed.</li> </ol>
The chute moves freely and is not controlled by the chute direction/pitch control handle.	1. The wire cable under the chute direction/pitch control handle is either secured with a cable/zip tie, bent, or twisted.	1. Remove any devices (such as cable or zip ties) that secure/restrict this wire cable and make sure that the wire cable is not bent or twist and hangs freely.

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## Exploded View



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NO.	Part Description	Quantity	36	Box set	1
1	Screw ST3.5x12	6	37	Axle latch	2
2	Left/right handle	1	38	Left tire	1
3	Unlock cable	1	39	Right tire	1
4	Unlock trigger	1	40	Screw M8x20	6
5	Spanner	2	41	Nut	4
6	Upper Plate	1	42	Washer	5
7	Speed regulating A	1	43	Washer	4
8	Risistor	1	44	Motor	1
9	Screw ST4.2x20	2	45	Drive belt	1
10	Bearing	2	46	Screw M8x20	1
11	Press plate	1	47	Washer	1
12	Washer	2	48	Synchronous wheel	1
13	Screw ST4.2x12	2	49	Key	1
14	Screw ST4.2x16	25	50	Sleeve	1
15	Speed regulating D	1	51	Screw M8x50	1
16	Walking potentiometer	1	52	Shovel	1
17	Press plate	1	53	Snow exit	1
18	Spring	1	54	Large housing lamp	1
19	Pin	1	55	Screw M6x16	2
20	Cable	1	56	Housing	1
21	Cable	1	57	Nut	8
22	Cable	1	58	Washer	8
23	Switch plate	3	59	Skid	2
24	Adjustment handle	1	60	Screw M8x25	4
25	Screw M5x14	1	61	Screw M8x18	4
26	Lower panel armrest set	1	62	Fence	1
27	Steering clutch handle	2	63	Auger	1
28	Clutch cable	2	64	Washer	2
29	Cover	2	65	Auger collar	2
30	Knob	5	66	Base for auger	2
31	Washer	4	67	Auger spindle	2
32	Cover	1	68	Screw M8x16	6
33	Screw M8x50	4	69	Pin buckle	4
34	Wire clip	4	70	Pin	4
35	Cable	1			

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NO.	Part Description	Quantity
71	Battery Pack	2
72	Charger	2



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#### 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.

Made in China. Imported by Yardworks Canada  
Toronto, Canada M4S 2B8



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**FCC Part 15**

Supplier's Declaration of Conformity

Product Description: 48 V 4 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

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