
The Greenworks logo is a black hexagon with the word "greenworks" in white lowercase letters. The "g" is stylized with a small triangle above it.

greenworks™

20" 13 Amp Electric Snow Thrower



Owner's Manual

TOLL-FREE HELPLINE: 1-888-90WORKS (888.909.6757)

 **Read all safety rules and instructions carefully before operating this tool.**

CONTENTS

Contents	2
Product specifications.....	2
Safety information.....	3-4
Symbols	5-6
Electrical.....	7-8
Know your snow thrower.....	9
Assembly	10-13
Operation.....	14-17
Maintenance	18-20
Troubleshooting	21
Warranty	22
Exploded View	23
Parts List.....	24-25
Notes	26-27

PRODUCT SPECIFICATIONS

12 AMP ELECTRIC SNOW THROWER

Motor	120 V, 60 Hz, 12 A
No-load speed	2,400 RPM
Clearing width.....	20 in. (50.8 cm)
Clearing depth	10 in. (25.4 cm)
Impeller size	18 in. (45.7 cm)
Discharge distance.....	Up to 20 ft. (6 m)
Wheels	8 in. (20.3 cm)
Weight	35 lbs (15.9 kg)



SAFETY INFORMATION

FOLLOW THESE RULES WHILE OPERATING THE SNOW THROWER

IMPORTANT

READ AND UNDERSTAND ALL INSTRUCTIONS. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

- Walk. Do not run.
- Verify that the Snow Thrower is not in contact with anything before turning it on.
- Stay away from the discharge opening at all times. Keep face, hands, and feet away from concealed, moving, or rotating parts.
- Be attentive when using the Snow Thrower, and stay alert for holes in the terrain and other hidden hazards or traffic.
- Do not use the Snow Thrower on a gravel or crushed rock surface. Use extreme caution when crossing gravel/crushed rock drives, walks, or roads.
- Move up and down slopes when clearing snow. Do not go across a slope. Use caution when changing direction. Do not use this Snow Thrower to clear snow from steep slopes.
- Do not attempt to use the Snow Thrower on a roof or on any steeply inclined slippery surface.
- Do not operate the Snow Thrower if the guards, plates, and other safety protective devices are not in place.
- Do not operate the Snow Thrower near glass enclosures, automobiles, trucks, window wells, drop-offs, etc. without properly adjusting the angle of the snow discharge. Keep children and pets away from the work area.
- Do not force or overload the Snow Thrower. The Snow Thrower will perform better and safer when it is used at the rate that it was designed to work at.
- Do not operate the Snow Thrower at high speeds on slippery surfaces. Look behind, and exercise caution when backing up.
- Do not direct the discharge toward people, and do not allow anyone to move in front of the Snow Thrower while it is in use.
- Wear safety glasses or goggles that meet ANSI Z87.1 standards, and wear ear/hearing protection when using this Snow Thrower.
- Use the Snow Thrower in daylight or in good artificial light.
- Avoid accidental start-ups. Remain in the starting position when turning the Snow Thrower on. The operator and the Snow Thrower must be in a stable position during start-up. See the section entitled Starting/Stopping Instructions.
- Use the proper tool. Only use this Snow Thrower for the purpose that it was designed for.
- Do not overreach. Always keep proper footing and balance.
- Hold the Snow Thrower with both hands while it is in use. Keep a firm grip on the handles or the grips.
- Keep hands, face, and feet away from all moving parts. Do not touch or try to stop the impeller while it is rotating.
- If the impeller does not rotate freely due to frozen ice, thaw the Snow Thrower thoroughly

SAFETY INFORMATION

before attempting to use it.

- Keep the impeller clear of debris.
- Do not attempt to clear the impeller while the motor is running or while the Snow Thrower is plugged in it. Turn the motor off and unplug the Snow Thrower from the extension cord or the outlet.
- Keep clothing and body parts away from the rotor.
- Do not operate the motor at a faster speed than necessary. Do not run the motor at high speed while not clearing snow.
- Stop the motor when snow clearing is delayed or when moving from one location to another.
- Unplug the Snow Thrower when it is being transported and when it is not in use.
- After striking a foreign object, turn the Snow Thrower off and unplug it, and then inspect it for damage. Repair any damage before restarting and using the Snow Thrower.
- If the Snow Thrower starts to vibrate abnormally, stop the Snow Thrower immediately and attempt to determine the cause. Vibration is generally an indication of danger.
- Stop the motor and unplug the Snow Thrower whenever the operator is not in the operating position, before unclogging the impeller, and before making any repairs, adjustments, or inspections.
- Do not discharge snow onto public roads or near moving traffic.
- Allow the Snow Thrower to run for a few minutes after clearing snow in order to prevent moving parts from freezing.
- Use only the manufacturer's original replacement parts and accessories for this Snow Thrower. The use of unauthorized parts or accessories could lead to serious injury to the user or damage the Snow Thrower, and will void the warranty.
- Do not use the Snow Thrower in the hand held position. Do not pick up the Snow Thrower while it is plugged and running. The Snow Thrower is designed to travel along the ground.









GENERAL SAFETY RULES

- Verify that the Snow Thrower is secure while transporting.
- Store the Snow Thrower in a dry area, locked up or high enough to prevent unauthorized use or damage, and out of the reach of children.
- Do not douse or squirt the unit with water or any other liquid. Keep handles dry, clean, and free of debris. Clean the Snow Thrower after each use. See the section entitled Cleaning and Storage.
- If the labels on the Snow Thrower become defaced or start to lift off, contact the Toll-Free Helpline, at 1-888-909-6757.
- Keep these instructions in a safe place for future reference. Refer to them often, and use them to instruct other users. Anyone who uses this Snow Thrower must read these instructions carefully.
- Maintain the Snow Thrower with care. Follow the instructions for lubricating and changing accessories.

SAVE THESE INSTRUCTIONS




SYMBOLS

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 better and safer.

SYMBOL	NAME	DESIGNATION/EXPLANATION
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watts	Power
min	Minutes	Time
~	Alternating Current	Type of current
≡	Direct Current	Type or a characteristic of current
n_0	No Load Speed	Rational speed, at no load
	Class II Construction	Double-insulated construction
/min	Per Minute	Revolutions, strokes, surface speed, orbits etc., per minute
	Wet Conditions Alert	Do not expose to rain or use in damp locations
	Read The Operator's Manual	To reduce the risk of injury user must read and understand operator's manual before using this product.
	Eye and Head Protection	Wear eye and head protection when operating this equipment.
	Ricochet	Thrown objects can ricochet and result in personal injury or property damage.
	Spinning Rotor	Danger – Keep hands and feet away from spinning rotor. Spinning rotor can cause severe injury.
	Keep Hands And Feet Away.	Keep hands, feet away from the discharge area.
	Keep Bystanders Away	Keep all bystanders at least 50 ft. away.

SYMBOLS

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYMBOL	SIGNAL	MEANING
	DANGER	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	WARNING	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	CAUTION	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	CAUTION	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

SERVICE

Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. For service we suggest you return the product to your nearest **AUTHORIZED SERVICE CENTER** for repair. When servicing, use only identical replacement parts.

WARNING

To avoid serious personal injury, do not attempt to use this product until you have read this Owner's Manual thoroughly and understand it completely. If you do not understand the warnings and instructions in this Owner's Manual, do not use this product. Call the Toll-free Helpline (1-888-909-6757) for assistance.

WARNING



The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and, when needed, a full face shield. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always use eye protection which is marked to comply with ANSI Z87.1.

SAVE THESE INSTRUCTIONS

ELECTRICAL

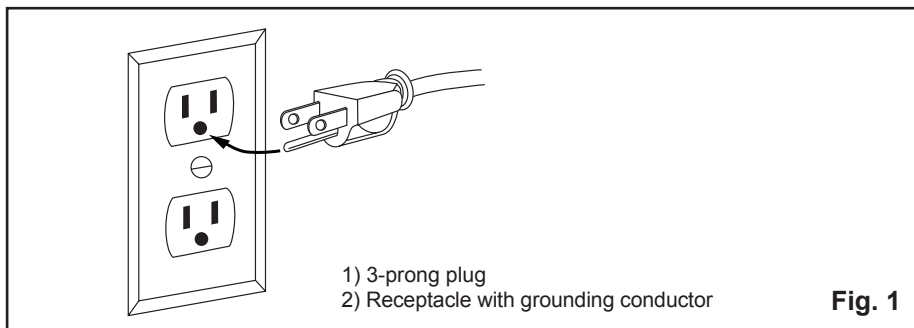
ELECTRICAL INFORMATION (See Figure 1)

⚠ WARNING

To avoid electrical hazards, fire hazards, or damage to the tool, use proper circuit protection. The Snow Thrower is wired at the factory for 120 V operation. Connect to a 120 V, 15 A circuit and use a 15 A time delayed fuse or circuit breaker. To avoid shock or fire when the power cord is worn, cut, or damaged in any way, replace it immediately.

This Snow Thrower has a 3-prong plug that is intended for use on a circuit that has a receptacle like the one illustrated in Fig. 1.

Do not modify the power cord plug. If it does not match the electrical outlet, have the proper outlet installed by a qualified electrician.



⚠ WARNING

To avoid injury, when servicing the Snow Thrower, use only identical replacement parts.

GROUNDING INSTRUCTIONS

IN THE EVENT OF A MALFUNCTION OR BREAKDOWN, grounding provides the path of least resistance for electrical current and reduces the risk of electric shock. This tool is equipped with an electric cord that has a POLARIZED plug. The plug **MUST** be plugged into a matching outlet that is properly installed and grounded in accordance with ALL local codes and ordinances.

DO NOT MODIFY THE PLUG PROVIDED. If it will not fit the outlet, have the proper outlet installed by a qualified electrician.

EXTENSION CORD

⚠ WARNING

In order to reduce the risk of electric shock when operating this Snow Thrower, use only a CSA listed extension cord that is approved for outdoor use, such as Type SJTW, 16AWG, and that has a lower temperature rating of -40° F (-40° C).

ELECTRICAL

- Ground Fault Circuit Interrupter (GFCI) protection should be provided on the circuit(s) or outlet(s) that will be used for this Snow Thrower. For an extra measure of safety, use a receptacle that has built-in GFCI protection.
- The nameplate on the Snow Thrower indicates the voltage used. Do not connect the Snow Thrower to an AC circuit that provides a different voltage from the voltage that is indicated on the nameplate.

MINIMUM GAUGE FOR EXTENSION CORDS (AWG)

(WHEN USING 120 V ONLY)

Amp Rating		Total Length of Cord in Feet (meters)			
More Than	Not More Than	25' (7.6 m)	50' (15 m)	100' (30.4 m)	150' (45.7 m)
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	Not Recommended	

[Use the same format for the table as found in the file entitled "Recommended size of extension cords".]

WARNING

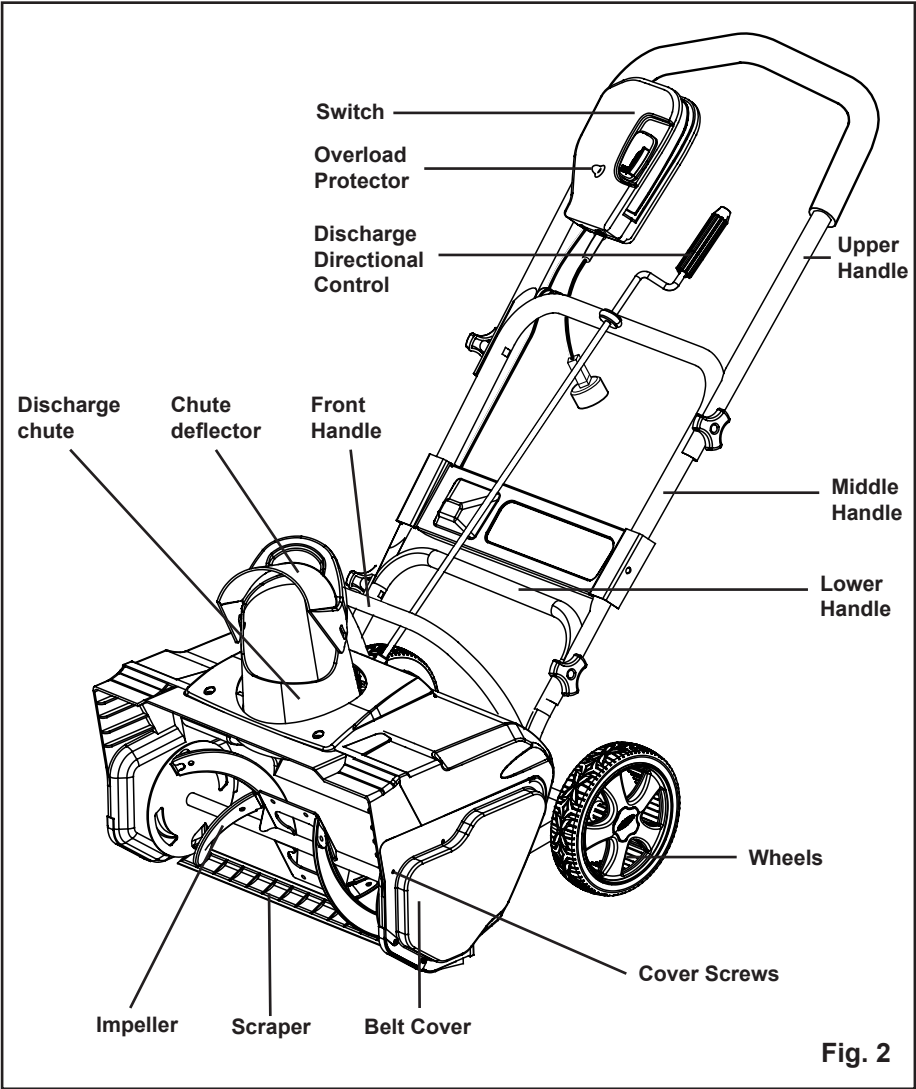
In order to prevent electric shock, use an extension cord that is suitable for outdoor use.

- Inspect the extension cord and the power cord on a regular basis. Look for deterioration, cuts, or cracks in the insulation. Inspect the connections for damage. Repair or replace the extension cord or the power cord if any damage is found.
- Verify that the rotor and all moving parts have come to a complete stop, and disconnect the Snow Thrower from the power supply in order to prevent accidental start-ups before cleaning or performing any inspections or repairs.
- Do not abuse the extension cord. Do not carry the Snow Thrower by the power cord or pull on the cord in order to disconnect it from the receptacle.
- Keep the extension cord away from heat, oil, and sharp edges in order to prevent damage.
- If the extension cord is damaged in any manner while it is plugged in, disconnect it from the outlet immediately.
- Avoid accidental start-ups. Do not carry the Snow Thrower with a finger on the switch while it is plugged in. Verify that the switch is in the "OFF" position before plugging in the Snow Thrower.
- Unplug the Snow Thrower and allow it to cool down before putting it into storage. Store the Snow Thrower indoors.
- Unplug the Snow Thrower when it is not in use and before performing any maintenance or repairs.

SAVE THESE INSTRUCTIONS

KNOW YOUR SNOW THROWER

Read this operator's manual and safety rules before operating your snow thrower. Compare the illustration in Figure 2 to your snow thrower in order to familiarize yourself with the location of various controls and adjustments. Save this manual for future reference.



ASSEMBLY INSTRUCTIONS

UNPACKING

This product has been shipped completely assembled.

- Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.
- Inspect the product carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.
- If any parts are damaged or missing, please call 1-888-909-6757 for assistance.

PACKING LIST

- Snow thrower
- Small rubber shovel
- Discharge directional control
- Chute deflector
- Owner's Manual

WARNING

If any parts are damaged or missing, do not operate this product until the parts are replaced. Failure to heed this warning could result in serious personal injury.

WARNING

Do not connect to power supply until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

WARNING

Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse, and could result in a hazardous condition leading to possible serious personal injury.

ASSEMBLY INSTRUCTIONS

⚠ WARNING

Do not allow familiarity with this product to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

⚠ WARNING

Always wear safety goggles or safety glasses with side shields when operating power tools. Failure to do so could result in objects being thrown into your eyes, resulting in possible serious injury.

⚠ WARNING

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

ASSEMBLING THE HANDLE (See Figure 3)

- Remove any packing material that may have been inserted between the upper and lower handles for shipping purposes.
- Align the holes (4) on the upper handle (1) with the holes on the middle handle (2). Insert the bolts (5), and use the wing nuts (6) to tighten them.
- Align the holes (7) on the middle handle (2) and the lower handle (3). Insert the bolts (5), and tighten them using the wing nuts (6) provided.

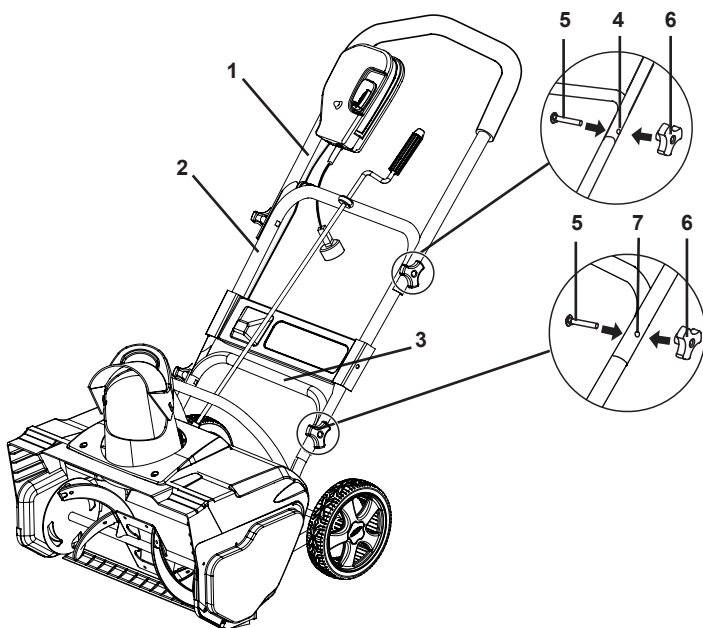


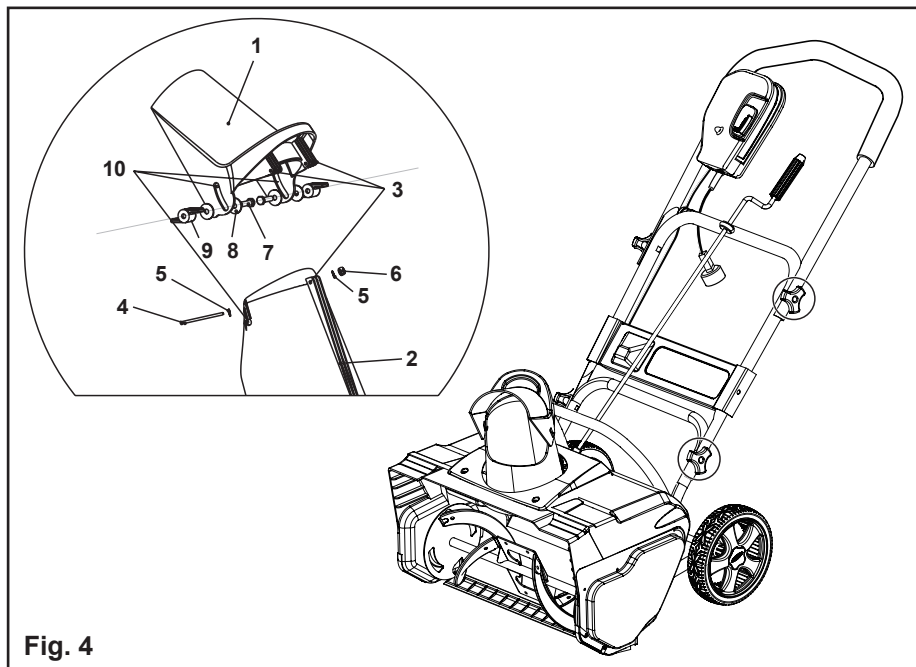
Fig. 3

ASSEMBLY INSTRUCTIONS

ASSEMBLING THE DISCHARGE CHUTE (See Figure 4)

- Position the chute deflector (1) over the discharge chute (2), and align the mounting holes.
- Insert a rubber washer (5) between the chute deflector (1) and the discharge chute, maintaining the alignment of the holes (3).
- Attach the chute deflector to the discharge chute using a carriage bolt (4), 2 washers (5), and a locknut (6).
- Insert a rubber washer (8) between the chute deflector (1) and the discharge chute, maintaining the alignment of the holes (10).
- Attach the chute deflector to the discharge chute using 2 carriage bolts (7), 4 washers (8), and 2 locknuts (9).

Note: Do not overtighten the bolts.



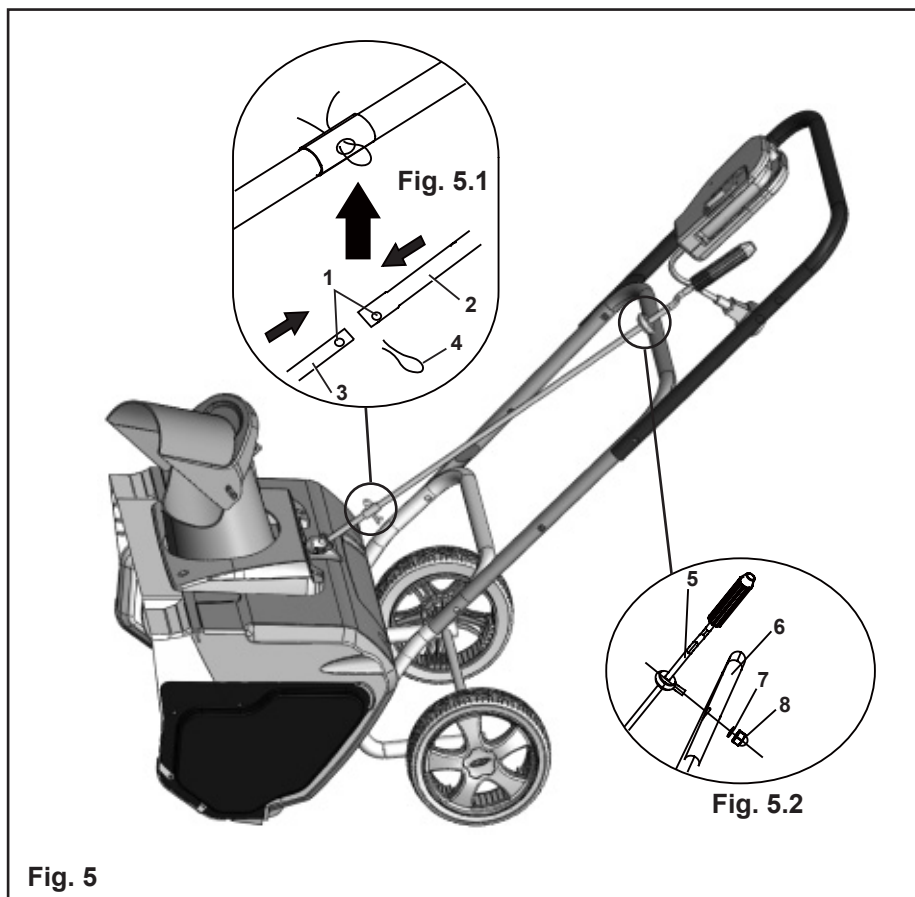
ASSEMBLY INSTRUCTIONS

ASSEMBLING THE DIRECTIONAL CHUTE ARM TO DIRECTIONAL CHUTE PINION (See Figure 5)

- Align the holes (1) on the directional chute arm (2) with the holes on the lower directional chute arm (3). Insert the hitch pin (4). (Fig. 5.1)

ASSEMBLING THE DISCHARGE DIRECTIONAL ARM CONTROL TO THE CENTER HANDLE (See Figure 5)

- Attach the directional chute arm (5) to the center handle (6) using a washer (7) and a locknut (8). (Fig. 5.2)



OPERATING INSTRUCTIONS

STARTING THE SNOW THROWER

WARNING

Avoid accidental start-ups. Verify that the operator is in the starting position when using the snow thrower. In order to avoid serious injury, the operator and unit must be in a stable position when starting the Snow Thrower.

USING THE SWITCH

This Snow Thrower is equipped with a special safety switch. In order to operate the switch, insert one finger into the opening, and push the lever out so that it can be grasped along with the upper handle. Pull the lever back in order to turn the Snow Thrower on, and hold it against the upper handle in order to keep it running. To turn the Snow Thrower off, simply release the lever.

CAUTION

Do no attempt to override the operation of this safety switch.

OVERLOAD PROTECTION SWITCH

This Snow Thrower is equipped with an overload protection switch in order to protect the supply circuit from short circuit overloads. Follow these steps if the switch pops out:

- Release the switch bar, and allow the Snow Thrower to stop and cool down for a minute.
- Press the overload switch in order to reset it. Resume operation (Fig. 2).

Follow these steps if the switch pops out again shortly after the first time:

- Allow the Snow Thrower to stop and cool down for 15 to 30 minutes.
- After the Snow Thrower has cooled down, press the overload switch in order to reset it. Resume operation.

If the overload protection switch does not stay in, or if it continues to pop out during operation, contact the Toll-Free Helpline, at 1-888-909-6757.

OPERATING INSTRUCTIONS

OPERATING TIPS (See Figure 6)

⚠ WARNING

If the Snow Thrower hits a foreign object while it is in use, the object could be thrown in the direction of the operator or a bystander. Thrown objects could cause serious personal injury. Keep the area to be cleared free of all foreign objects that may be picked up and thrown by the rotor blades.

- Keep children and pets away from the operating area.
- Keep the area to be cleared free of stones, toys, or other foreign objects that the rotor blades can throw. Such items may be covered by a snowfall and go unnoticed. If the Snow Thrower strikes an obstruction or a foreign object during operation, stop the Snow Thrower, unplug the extension cord, remove the obstruction, and inspect the Snow Thrower for damage.
- Rotate the chute crank clockwise in order to move the discharge chute to the left, or rotate it counter-clockwise in order to move the chute to the right.

Note : The chute crank makes a noise as it is turned. This is normal.

The deflector handle (1) that is located on the top of the discharge chute controls the height of the snow stream (Fig. 6).

Adjust the height of the snow stream by raising or lowering the chute deflector

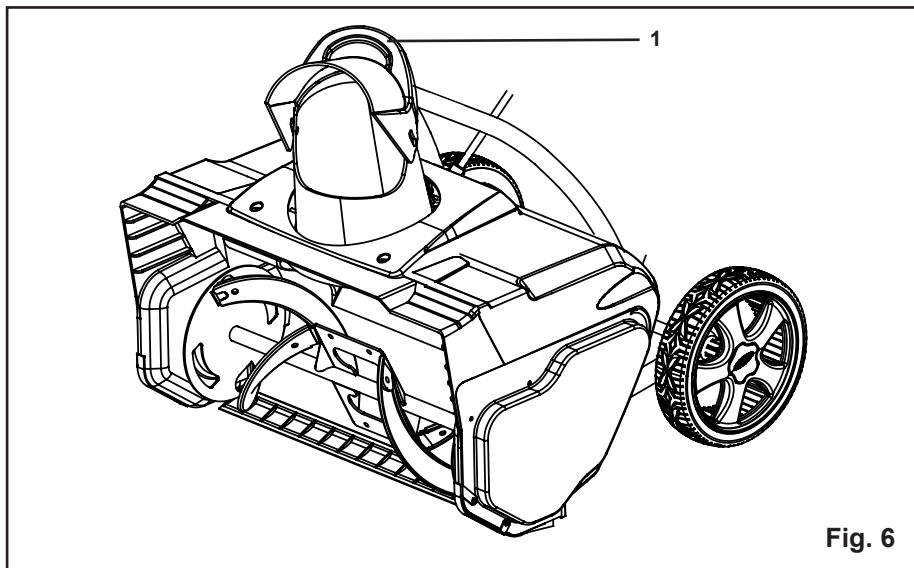


Fig. 6

OPERATING INSTRUCTIONS

ADJUSTING THE DIRECTION OF DISCHARGE (See Figure 7)

Snow can be discharged to the left, straight ahead, or to the right of the operator.

Follow these instructions in order to change the direction:

- Release the safety switch in order to stop the rotor.

NOTE: The control crank can revolve 810°. The discharge chute can rotate 180°. Do not force it.

- Turn the discharge directional control clockwise 360°. The vanes will turn approximately 80° to the right.
- Turn the discharge directional control counter-clockwise 360°. The vanes will turn approximately 80° to the left.

WARNING

If there is a gap between the discharge chute and the chute deflector, snow and anything else that can be picked up by Snow Thrower may fly in the direction of the operator. Thrown objects could cause serious personal injury.

- Do not force the chute deflector too far forward so that a gap appears between the discharge chute and the chute deflector.
 - Do not overtighten the locknuts that hold the chute deflector in position to the point where it is necessary to use excessive force in order to adjust the chute deflector.
 - Begin removing snow near the electrical outlet, and work outward. Work back and forth, and not away from or toward the outlet.
 - When turning at the end of a swath, step over the cord, and then turn the Snow Thrower.
 - Overlap each swath, and discharge the snow in the direction of the wind whenever possible.
 - Shave down large banks of snow by placing the Snow Thrower on the bank. Lift the Snow Thrower by the primary and secondary handles only (Fig. 5). Allow the weight of the Snow Thrower to shave down the bank in a back-and-forth motion.
 - When clearing steps or deep drifts, hold the Snow Thrower by the primary and secondary handles (Fig. 5), and use a swinging or sweeping motion.
-

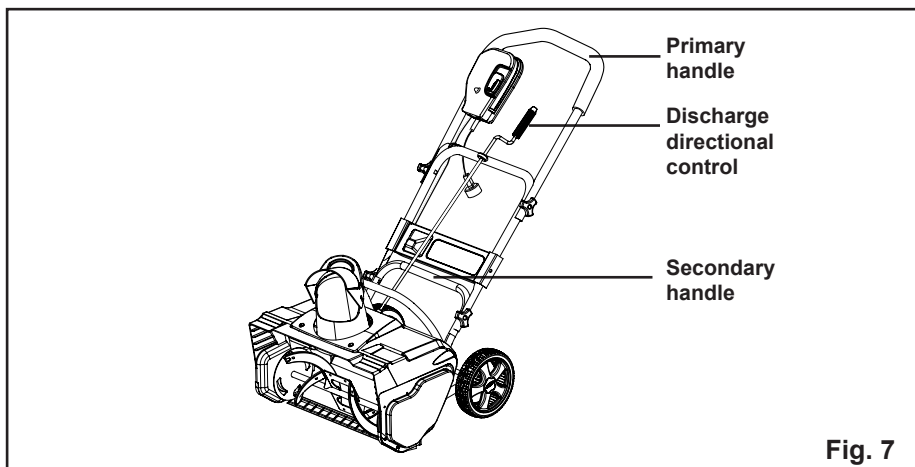
WARNING

When using the secondary handle, do not direct the snow discharge chute toward the operator or toward bystanders. The Snow Thrower can throw foreign objects, which could cause serious personal injury. When using the secondary handle, always turn the discharge chute in the opposite direction from where the operator or bystanders are located.

- Keep the extension cord clear of obstructions, sharp objects, and all moving parts. Do not pull sharply on the cord or abuse it in any manner. Inspect the extension cord for damage that may result in an electric shock on a regular basis. If the extension cord becomes damaged in any way, replace it immediately.
 - Some controls and moving parts may freeze in certain cold and snowy weather conditions. If any of the controls become hard to operate, stop the motor, disconnect the extension cord, and inspect the Snow Thrower for frozen parts.
-

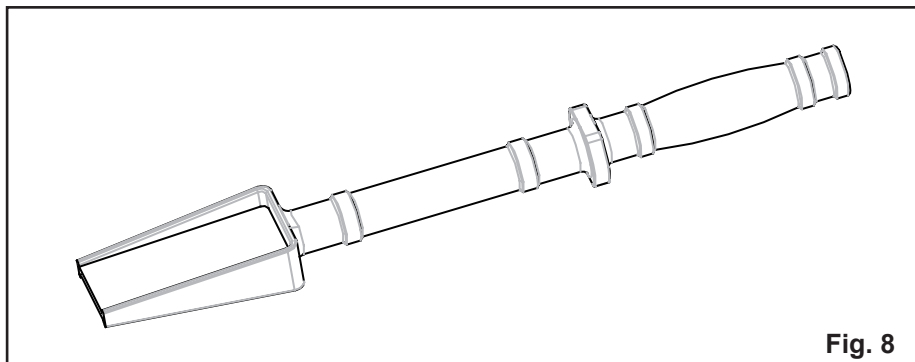
OPERATING INSTRUCTIONS

- Do not use excessive force when trying to operate frozen controls. Free all of the controls and moving parts before using the Snow Thrower.
- When operating the Snow Thrower, keep the wheels 1" (2.5 cm) off the pavement by tipping the Snow Thrower forward. This will help to prevent the snow from building up on the wheels.
- After clearing the snow, allow the motor run for a few minutes so that the ice doesn't freeze any moving parts. Then shut off the motor, wait for all moving parts to come to a complete stop, and wipe the ice and snow off the Snow Thrower. Rotate the chute crank several times in order to remove the snow from the Snow Thrower.
- Lock the Snow Thrower when it is not in use. Disconnect the extension cord.



SMALL RUBBER SHOVEL (See Figure 8)

This Snow Thrower comes with a small rubber shovel that can be used to shovel snow from corners where the Snow Thrower cannot reach.



MAINTENANCE

SERVICING

Servicing should be performed by a qualified technician. Replacement parts for this Snow Thrower must be identical to the parts that they replace. If repairs are necessary, contact the Toll-Free Helpline, at 1-888-909-6757.

Note: Identify the left and right sides of the Snow Thrower when standing in the normal operating position.

⚠ WARNING

If the extension cord is plugged into the Snow Thrower, the Snow Thrower could start accidentally while the operator is performing maintenance on it, which could cause serious personal injury. Disconnect the extension cord before performing any maintenance.

REPLACING THE SCRAPER (See Figure 9)

The scraper is located at the bottom of the rotor housing, as shown in Figure 9.

- Remove the 5 screws that secure the scraper to the Snow Thrower (Fig. 9).
- Install the new scraper, and attach it securely using the 5 screws.

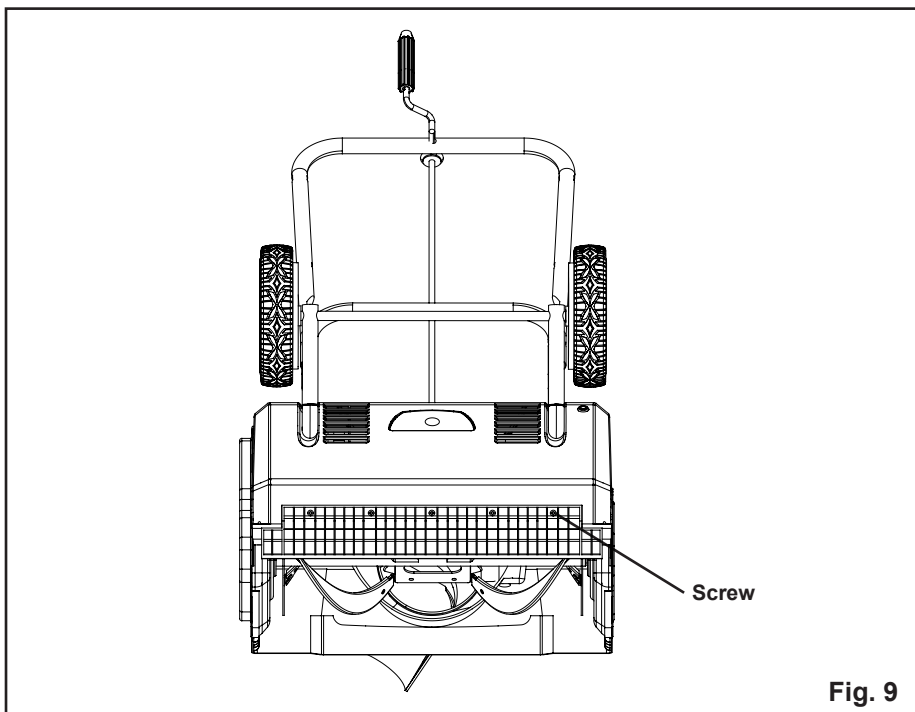
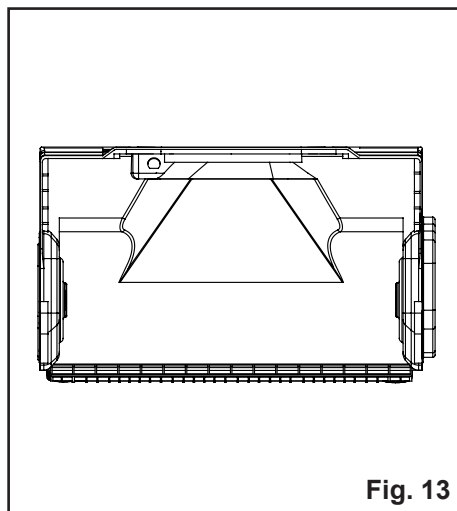
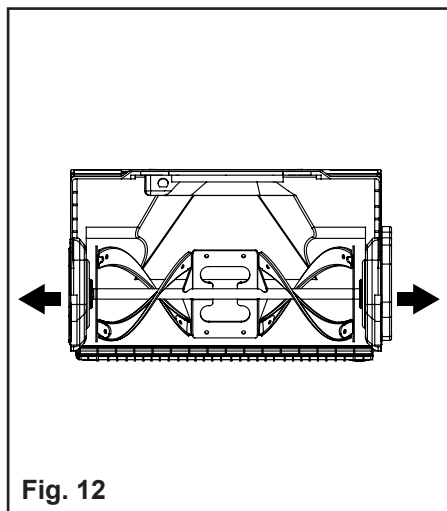
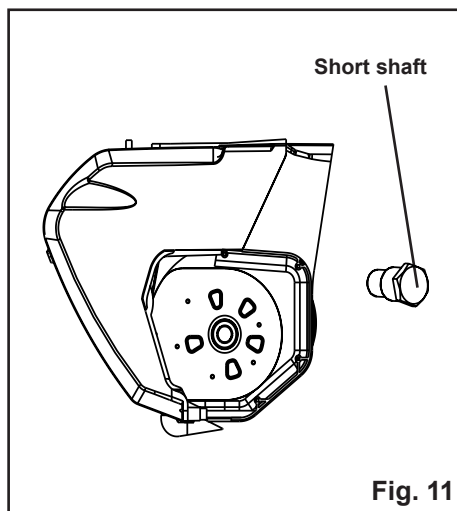
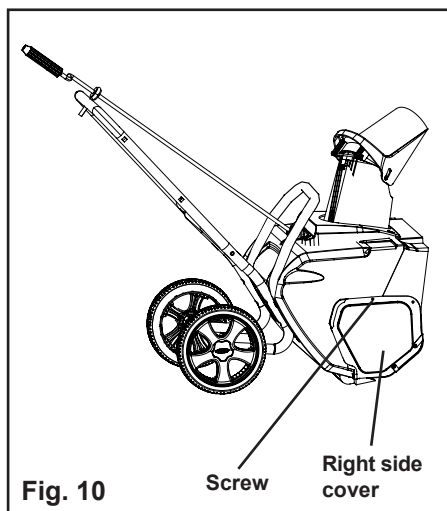


Fig. 9

MAINTENANCE

REPLACING THE ROTOR (See Figures 10-13)

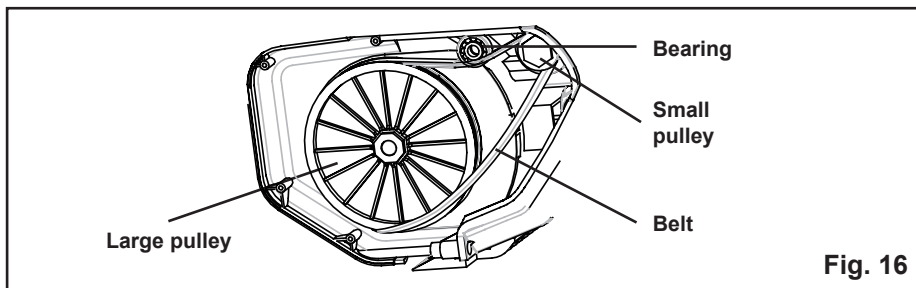
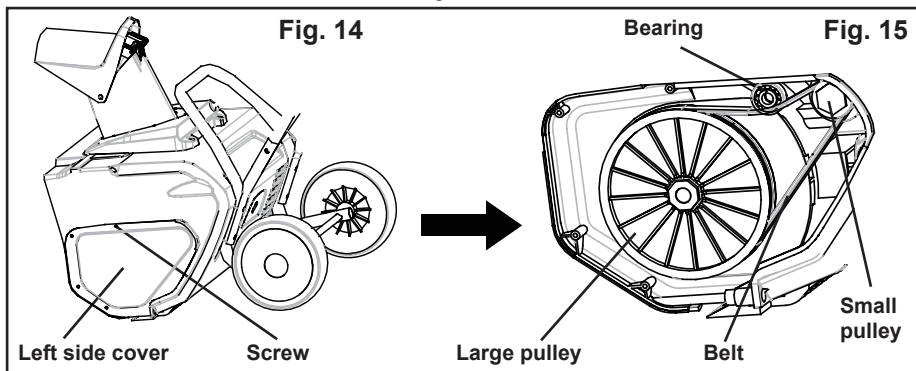
- Remove the 4 screws that secure the right side cover to the frame of the Snow Thrower (Fig. 10).
- Remove the short shaft (Fig. 11).
- Push the sides of the housing out, as illustrated in Figure 12 and remove the rotor (Fig. 13).
- Install the new rotor, and reinstall the clip.
- Reinstall the right side cover, and secure it using the 4 screws.



MAINTENANCE

REPLACING THE LARGE BELT (See Figures 14-16)

- Remove the 4 screws that secure the left side plate to the frame of the Snow Thrower (Fig. 14). Remove the side plate.
- Pull the bearing away from the small pulley. Remove the belt from the large pulley and the small pulley that is located inside the housing (Fig. 15).
- Position the new belt over the small pulley (Fig. 16).
- Rotate the rotor with the left hand while positioning the belt on the large pulley with the right hand (Fig. 16).
- Install the left side cover, and secure it using the 4 screws.



STORAGE

- Run the Snow Thrower for a few minutes in order to melt any snow that may be left on the Snow Thrower.
- Disconnect the extension cord from the Snow Thrower.
- Inspect the extension cord thoroughly for signs of wear or damage. Replace it if it is worn or damaged.
- Inspect the Snow Thrower thoroughly for worn, loose, or damaged parts. If any parts must be repaired or replaced, contact the Toll-Free Helpline, at 1-888-909-6757.
- Store the extension cord with the Snow Thrower.
- Store the Snow Thrower in a clean, dry place. Cover it in order to provide added protection.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Then handle is not in position.	The carriage bolts are not properly seated.	Adjust the height of the handle, and verify that the carriage bolts are properly seated. Tighten the knobs.
The Snow Thrower does not start.	The power cord is disconnected from the switch.	Reconnect the cord, and use the cord restraint to keep the cord close to the switch.
	The switch is defective.	Replace the switch.
	The extension cord is not connected to the plug.	Connect the plug on the Snow Thrower to the extension cord.
	The extension cord is not connected to the power source.	Plug the extension cord into a live 120 V AC, 60 Hz outlet.
The motor is on, but the rotor does not turn.	The overload protection switch has popped out.	See the section entitled Overload Protection Switch (Page 14).
	The belt is damaged.	Replace the belt (see the section entitled Inspecting/Replacing the Drive Belt).
The Snow Thrower leaves a thin layer of snow behind.	The scraper is worn.	Replace the scraper (see the section entitled Replacing the Scraper).

LIMITED FOUR-YEAR WARRANTY



GREENWORKS™ hereby warrants this product, to the original purchaser with proof of purchase, for a period of four (4) years against defects in materials, parts or workmanship. GREENWORKS™, at its own discretion will repair or replace any and all parts found to be defective, through normal use, free of charge to the customer. This warranty is valid only for units which have been used for personal use that have not been hired or rented for industrial/commercial use, and that have been maintained in accordance with the instructions in the owners' manual supplied with the product from new.

ITEMS NOT COVERED BY WARRANTY:

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

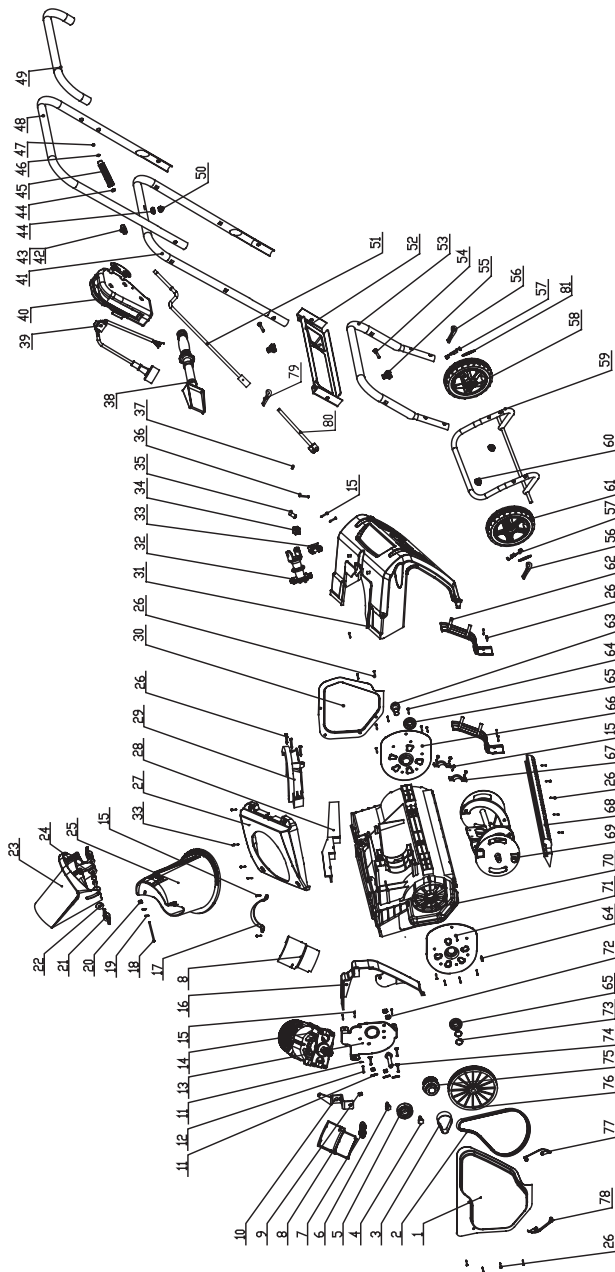
GREENWORKS HELPLINE (1 888 90WORKS):

Warranty service is available by calling our toll-free helpline, 9am to 5pm EST. Monday – Friday at **1 888 909 6757 (1 888 90WORKS)**.

TRANSPORTATION CHARGES:

Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. It is the purchaser's responsibility to pay transportation charges for any part submitted for replacement under this warranty unless such return is requested in writing by GREENWORKS.

EXPLODED VIEW



PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	33306100-10	Left side board	1
2	3290198	Belt	1
3	34901100	Strap	1
4	33212100	Tensioner fix shaft	1
5	32104100	Tensioner bearing	1
6	33211100	Tensioner shaft	1
7	33903100	Tensioner spring	1
8	34165100	Motor vent cover	2
9	32201100	Locknut	7
10	33305100	Tensioner bracket	1
11	3290699	Washer	7
12	32203100	Cross screw	4
13	33301100-2	Motor support	1
14	31120100-1	Motor assembly	1
15	3220505	Screw	9
16	34120100-1	Waterproof bracket	1
17	33378100	Motor clamp	1
18	32208100	Cross screw	1
19	32210100	Washer	2
20	32209100	Nut	1
21	3410835-50	Knob	2
22	32215100	Washer	4
23	34111100-10	Chute deflector	1
24	32216100	Hex screw	2
25	34110100-10	Discharge chute	1
26	32207100	Cross screw	20
27	34104100-10	Out chute cover	1
28	34121100A	Waterproof support	2
29	34106100-1	Inlet chute cover	1
30	33307100-10	Right side board	1
31	34102100-10	Rear cover	1
32	34160100	Pinion bracket	1
33	34161100	Plate	1
34	34162100	Square bushing	1
35	33260100	Pin	1
36	32288100	Screw	1
37	32901261	Locknut	1
38	34118100-10	Snow spade	1
39	31107100A	Pigtail cable	1
40	3630235-7	Switch assembly	1
41	33207100-10	Middle handle	1
42	3330499	Screw	1

PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY
43	3420199	Rubber	1
44	3290299	Washer	2
45	3410499A-10	Handle	1
46	33306699	Washer	1
47	32901251	Retaining ring	1
48	32208100-10	Upper handle	1
49	3490137-1	Soft grip sponge	1
50	3290599	Nut	1
51	33214100-10	Rear rocker	1
52	33310100-10	Panel	1
53	33205100A-10	Front handle	1
54	3220436	Bolt	4
55	3410835-8	Knob	4
56	3290135	Split pin	2
57	34108229A-10	Wheel cover	2
58	34204229B-10	8" Wheel (right)	1
59	33206100A-10	Lower handle	1
60	34250100	Rubber sleeve	2
61	34204229A-10	8" Wheel (left)	1
62	33304100	Front support	2
63	33201100A	Short shaft	1
64	32206100	Cross screw	12
65	32102100	Waterproof bearing	2
66	33309100	Right support	1
67	34158100	Inner cord clamp	4
68	34105100-1	Vane	1
69	31118100	Impellor assembly	1
70	34101100-10	Front cover	1
71	33308100	Left support	1
72	3220651	Nut	2
73	32217100	Washer	3
74	33203100A	Pulley wheel support shaft	1
75	31110100A	Pulley wheel assembly	1
76	34109100-1	Driver wheel	1
77	33274100-10	Right barrier chip	1
78	33273100-10	Left barrier chip	1
79	3320643	Hitch pin	1
80	33214100-11	Upper rocker	1
81	3220898	Washer	2

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TOLL-FREE HELPLINE: 1-888-90WORKS (888.909.6757)

Rev: 01 (05-18-10)

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