



OPERATOR'S MANUAL

A Division of Snow Joe®, LLC

ELECTRIC BLOWER/VACUUM/ MULCHER

14-AMP | 3-IN-1 | PLUS: GUTTER CLEANING TUBES

Model SBJ606E-GA-RM

Form No. SJ-SBJ606E-GA-RM-880E-V1

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IMPORTANT!

Safety Instructions

All Operators Must Read These Instructions Before Use

Any electrical appliance can be dangerous if used incorrectly. Some of the safety precautions given in this manual apply generally to many appliances. Other warnings are specific to the use of this electric blower vac.

Always follow these safety guidelines. Failure to do so may result in serious bodily injury or death.

⚠ DANGER! This indicates a hazardous situation, which, if not followed, will result in serious injury or death.

⚠ WARNING! This indicates a hazardous situation, which, if not avoided, could result in serious injury or death.

⚠ CAUTION! This indicates a hazardous situation, which, if not avoided, could result in minor or moderate injury.

General Safety

FOR HOUSEHOLD USE ONLY

Before using, be sure that everyone using this tool reads and understands all safety instructions and other information contained in this manual. Save this manual and review it frequently prior to using this tool and when instructing others on the proper operating procedures.

⚠ CAUTION! Wear appropriate hearing protection during use. After long periods of extended use, the noise generated from this appliance may cause hearing loss if your ears are not properly protected.

⚠ WARNING! When using electric yard tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

1. **Keep work area clean and well-lit** – Cluttered, dark areas invite accidents.
2. **Replacement parts** – When servicing this unit, use only identical replacement parts. Replace or repair damaged cords immediately.
3. **Keep children, bystanders, and pets away** – All spectators, including pets, should be kept a safe distance away from the work area.


4. **Dress properly** – Do not wear loose clothing or jewelry as such articles can get caught in moving parts. Wear a protective covering to contain long hair. Wearing rubber gloves and substantial non-slip footwear is recommended when working outdoors.
5. **Extension cords** – To prevent electric shock, use only with an extension cord suitable for outdoor use.
6. **Avoid accidental starting** – Do not carry the blower vac with your finger on the switch. Make sure the switch is off before plugging in the unit.

⚠ DANGER! Do not manually place objects into the vacuum tube while operating the unit as this can seriously damage the unit and/or harm the operator. Keep both hands on the handles while the power is on.

DO NOT ATTEMPT to remove material or hold material to be vacuumed when the blower vac is on. Make sure the blower vac is off when clearing jammed material from the vacuum tube. Do not pick up the blower vac by the tube or attempt to carry the unit by the tube.

⚠ CAUTION! Moving parts will continue to run for several seconds after turning off the machine.

7. **Do not abuse the cord** – Never carry the blower vac by the cord or yank the cord to disconnect it from the receptacle. Keep the cord away from heat, oil, and sharp edges.
8. **Moving parts** – Keep hands and feet away from moving parts. Keep guards in place and in proper working order.
9. **Do not force the tool** – It will perform better with less likelihood of personal or mechanical injury if it is used at the rate for which it is designed.
10. **Wear personal protective equipment** – When using this tool, wear safety glasses with side shields or goggles to provide necessary eye protection. Wear ear defenders to prevent hearing damage. Use a face or dust mask if the work environment is dusty.
11. **Disconnect the tool** – Disconnect the blower vac from the power supply when it is not in use, before servicing it, when changing accessories, and when performing any other maintenance task.
12. **Store idle tool indoors** – When not in use, the blower vac should be stored indoors in a dry and high or locked-up place out of the reach of children.

- 13. Maintain the blower vac with care** – Keep the blower tube and the fan area clear and clean for optimal performance and to reduce the risk of injury. Inspect the extension cord periodically and immediately replace it if damaged. Keep the handles dry, clean, and free from oil and grease. Follow the additional recommendations described in the maintenance section of this manual.
- 14. Ground fault circuit interrupter (GFCI)** protection should be provided on the circuit(s) or outlet(s) that are to be used for the blower vac. Receptacles are available having built-in GFCI protection and may be used for this measure of safety.
- 15. Use the right tool** – Do not use the tool for any job except that for which it is intended.
- 16.  Double insulation** – Double insulation eliminates the use of the usual three-wire grounded power cords, thereby providing a measure of safety during the operation of electric power tools. In a double insulated appliance, all exposed metal parts are isolated from the internal metal motor components with protecting insulation. Double insulation tools do not need to be grounded.
- NOTE:** The double insulated system is intended to protect the user from shock resulting from a break in the tool's internal insulation. Observe all normal safety precautions to avoid electrical shock.
- 17. Avoid dangerous environments** – Do not use the blower vac in rain, damp, or wet locations. Do not operate the blower vac in gaseous or explosive atmospheres or use the blower vac to pick up flammable or combustible liquids. Motors in these tools normally spark, and the sparks might ignite fumes.
- 18. Stay alert** – Watch what you are doing. Use common sense. Do not operate the blower vac when you are tired or under the influence of drugs, alcohol, or other medication.

Additional Safety Instructions

- Use extra care when cleaning on stairs.
- Keep firm footing and maintain good balance at all times. Do not overreach. Overreaching can result in loss of balance.
- Turn off all controls before unplugging the tool.
- Do not use the tool if the power switch does not turn it ON or OFF. Any tool that cannot be controlled with the switch is dangerous and must be repaired.
- Do not use the tool with a damaged plug. If the tool is not working as it should or has been dropped, damaged, left outdoors, or dropped into water, return it to an authorized Snow Joe® + Sun Joe® dealer or contact the Snow Joe® + Sun Joe® customer service department at 1-866-SNOWJOE (1-866-766-9563).
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use without the dust bag and/or filters in place.

- Carefully inspect your appliance prior to use and follow all label and marking instructions.
- Keep the end of the blower tube away from your face and body.
- Always unplug this appliance before connecting or disconnecting the vacuum hose.
- Do not use for wet material.
- Keep all parts of your body away from any moving parts and all hot surfaces of the unit.
- Do not put any object into the tool's openings. Do not use the tool with any opening blocked; keep openings free of dust, lint, hair, or any other object that may reduce air flow.
- Check the work area before each use. Remove all objects such as rocks, broken glass, nails, wire, or string, which can be thrown or become entangled in the machine.
- Service on the product must be performed by qualified repair personnel only. Service or maintenance performed by unqualified personnel could result in injury to the user or damage to the product.
- This blower vac is intended for residential use only. Commercial use of this product is prohibited and will void the manufacturer's warranty.
- Never run the unit without the proper equipment attached. Always ensure the blower tubes are properly installed.

Specific Safety Rules for Blower Vacs

- This tool has been designed for blowing/collecting as well as vacuuming/shredding dry leaves and other dry garden rubbish, such as grass and twigs.
- When operating the unit as a blower, never point the blower nozzle in the direction of people or pets or in the direction of windows. Use extra caution when blowing debris near solid objects, such as trees, automobiles, and walls.
- Be sure to secure the unit when transporting it.
- Never douse or squirt the unit with water or any other liquid. Clean the unit after each use as described in the cleaning and storage section.

Electrical Safety

1. Ground fault circuit interrupter (GFCI) protection should be provided on the circuit(s) or outlet(s) to be used for this electric blower vac. Receptacles are available having built-in GFCI protection and may be used for this measure of safety.
2. Make sure that the mains voltage matches that listed on the unit's rating label. Using the improper voltage can damage the motor and injure the user.
3. To prevent electric shock, use only with an extension cord suitable for outdoor use, such as SW-A, SOW-A, STW-A, STOW-A, SJW-A, SJOW-A, SJTW-A, or SJTOW-A.

Before use, check that the extension cord is in good condition. When using an extension cord, make sure to use one heavy enough to carry the current your product will draw. For lengths less than 50 ft (15 m), a No.14 AWG (or greater) extension cord should be used. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.

WARNING

Electric shock may cause SEVERE INJURY or DEATH. Heed these warnings:

- Do not allow any part of the electric blower vac to make contact with water while it is in operation. If the appliance becomes wet while turned off, wipe dry before starting.
- Use only a UL-, CSA-, or ETL-rated extension cord for outdoor, all-weather use, such as the Snow Joe®+ Sun Joe® Power Joe SJTW-A 14-gauge 50-foot extension cord with lighted end (Model PJEXT50-B). Visit snowjoe.com to purchase this extension cord online or, to order by phone, call 1-866-SNOWJOE (1-866-766-9563).
- Do not use an extension cord over 100 ft (30 m).
- Do not touch the appliance or its plug with wet hands or while standing in water. Wearing rubber boots offers some protection.

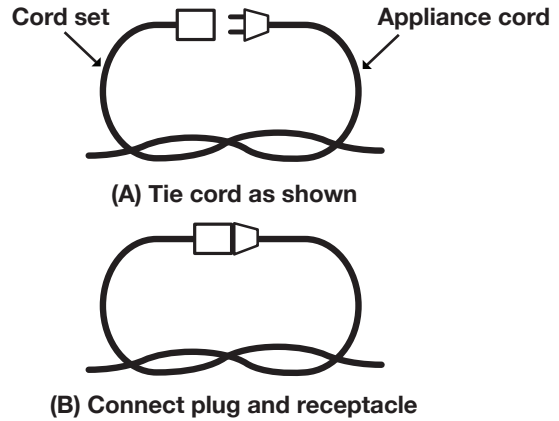
Extension Cord Length	Up to 50 ft (15 m)	+50 ft - 100 ft (+15 m - 30 m)
Wire Gauge (A.W.G.):	14	12

4. To reduce the risk of electric shock, this appliance has a polarized plug (i.e. one blade is wider than the other). Use this appliance only with a polarized UL-, CSA-, or ETL-listed extension cord recommended for outdoor, all-weather use, such as the Snow Joe® + Sun Joe® Power Joe SJTW-A 14-gauge 50-foot extension cord with lighted end (Model PJEXT50-B). Visit snowjoe.com to purchase this extension cord online or, to order by phone, call 1-866-SNOWJOE (1-866-766-9563).

The appliance plug will fit into a polarized extension cord only one way. If the appliance plug does not fit fully into the extension cord, reverse the plug. If the plug still does not fit, obtain a correct polarized extension cord. A polarized extension cord will require the use of a polarized wall outlet. The extension cord plug will fit into the polarized wall outlet only one way. If the plug does not fit fully into the wall outlet, reverse the plug. If the plug still does not fit, contact a qualified electrician to install the proper wall outlet. Do not modify the appliance plug, extension cord receptacle, or extension cord plug in any way.

5. To prevent the appliance cord from disconnecting from the extension cord during operation, make a knot with the two cords as shown in Table 1.

Table 1. Method of Securing Extension Cord



6. Do not abuse the cord. Never pull the blower vac by the cord or yank the cord to disconnect it from the receptacle. Keep the cord away from heat, oil, and sharp edges.

Double-Insulated Appliances

In a double-insulated appliance, two systems of insulation are provided instead of grounding. No grounding means is provided on a double-insulated appliance, nor should a means for grounding be added to the appliance. Servicing a double-insulated appliance requires extreme care and knowledge of the system, and should be performed only by qualified service personnel at an authorized Snow Joe® + Sun Joe® dealer. Replacement parts for a double-insulated appliance must be identical to the parts they replace. A double-insulated appliance is marked with the words “Double Insulation” or “Double Insulated.” The symbol (square within a square) may also be marked on the appliance.









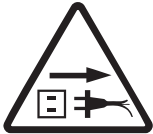




DOUBLE-INSULATED: GROUNDING NOT REQUIRED. WHEN SERVICING, USE ONLY IDENTICAL REPLACEMENT PARTS.

This electric blower vac is double-insulated, eliminating the need for a separate grounding system. Use only identical replacement parts. Read the instructions before servicing double-insulated appliances. Use this blower vac only as described in this manual.

Safety Symbols

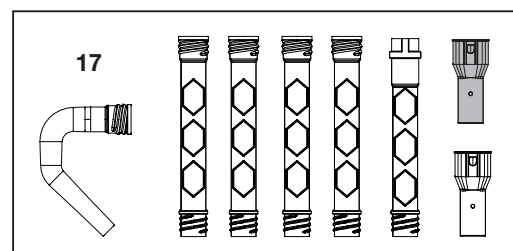
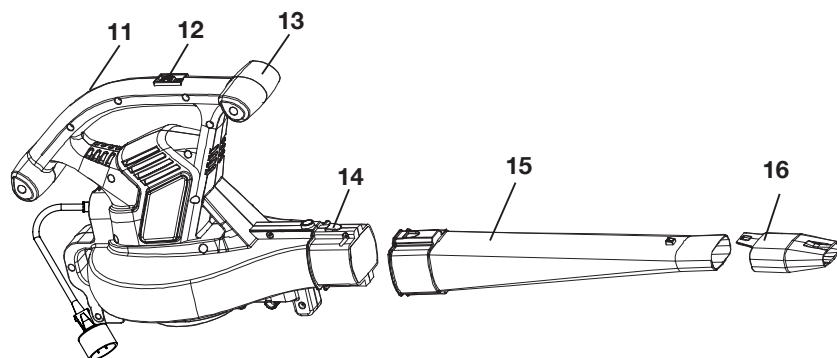
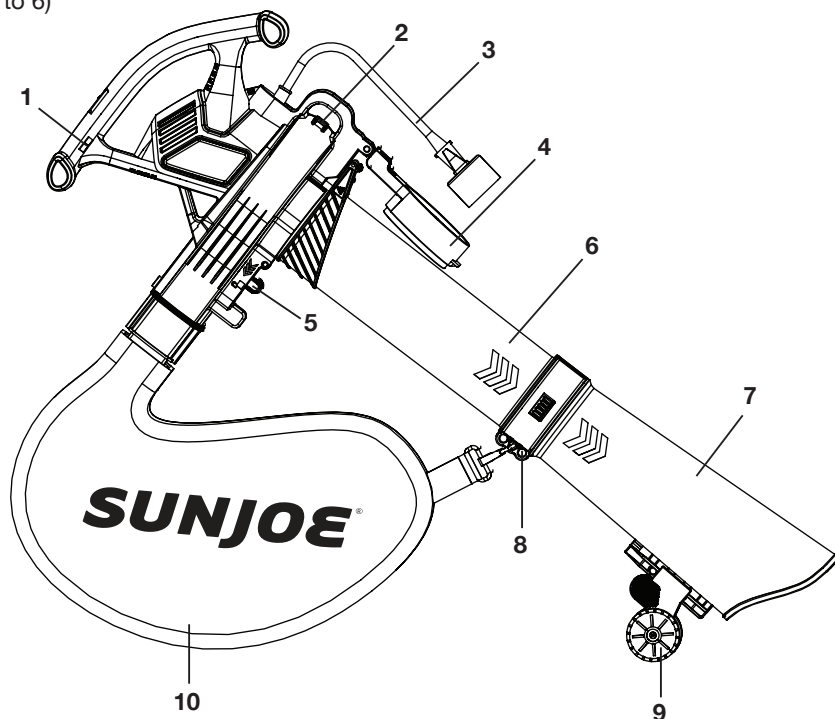
The following table depicts and describes safety symbols that may appear on this product. Read, understand, and follow all instructions on the machine before attempting to assemble and operate.

Symbols	Descriptions	Symbols	Descriptions
	READ THE OPERATOR'S MANUAL(S) – Read, understand, and follow all instructions in the user manual(s) before attempting to assemble and operate.		Keep bystanders and children a safe distance away.
	SAFETY ALERT – Indicates a precaution, a warning, or a danger.		WARNING! Do not expose the unit to rain or wet conditions.
	Beware of flying objects and debris.		Wear hearing protection. Wear eye protection. Wear breathing protection.
	DANGER! Rotating blades pose a serious risk of injury. Keep hands and feet away from openings while the machine is running.		The rotating part will continuously run for several seconds after you turn off the machine.
	Immediately remove the plug from the mains if the power cable is damaged, frayed, or entangled. Always keep the power cable away from heat, oil, and sharp edges.		WARNING! Turn the machine OFF and disconnect it from the power supply before inspecting, cleaning, changing accessories, or conducting any other maintenance task.
	DOUBLE INSULATION – When servicing, use only identical replacement parts.		

Know Your Electric Blower/Vacuum/Mulcher

Read the owner's manual and safety instructions carefully before operating the electric blower vac. Compare the illustration below to the electric blower vac in order to familiarize yourself with the location of the various controls and adjustments. Save this manual for future reference.

1. Variable blower speed control (speed settings 1 to 6)
2. Cord retainer
3. Appliance cord
4. Vacuum/mulcher inlet cover
5. Vacuum/mulcher inlet cover lock button
6. Rear vacuum/mulcher tube
7. Front vacuum/mulcher tube
8. Strap holder
9. Wheel
10. Collection bag
11. Handle
12. ON/OFF switch
13. Auxiliary handle
14. Tube release button
15. Blower tube
16. Blower concentrator nozzle
17. Gutter cleaning attachment kit



NOTE: The green adapter is for use with iONBV Series only.

Technical Data

Rated Voltage	120 V ~ 60 Hz	Variable Speed Settings	6
Power	14 A	Mulch Reduction Ratio	16:1
No Load Speed	10,000 – 16,000 rpm	Mode Conversion	Blower to mulching vacuum
Rotor	Aluminum alloy impeller	Bag Capacity	18.5 gal (81.5 l)
Air Speed (Max)	250 mph	Weight	12.1 lbs (5.5 kg)
Vacuum Air Flow (Max)	440 cfm		

Unpacking

Carton Contents

- Electric blower/vacuum/mulcher
- Blower tube
- Blower concentrator nozzle
- Front vacuum/mulcher tube
- Rear vacuum/mulcher tube
- Collection bag
- Wheel assembly
- Gutter cleaning attachment
- Manuals with registration card

1. Carefully remove the electric blower/vacuum/mulcher and check to see that all of the above items are supplied.
2. Inspect the product carefully to make sure no breakage or damage occurred during shipping. If you find damaged or missing parts, DO NOT return the unit to the store. Please call the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).

NOTE: Do not discard the shipping carton and packaging material until you are ready to use the electric blower/vacuum/mulcher. The packaging is made of recyclable materials. Properly dispose of these materials in accordance with local regulations.

IMPORTANT! The equipment and packaging material are not toys. Do not let children play with plastic bags, foils, or small parts. These items can be swallowed and pose a suffocation risk!

Assembly

⚠ WARNING! To avoid serious personal injury, read and understand all safety instructions provided.

⚠ 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! Before performing any maintenance, make sure the tool is unplugged from the power supply. Failure to heed this warning could result in serious personal injury.

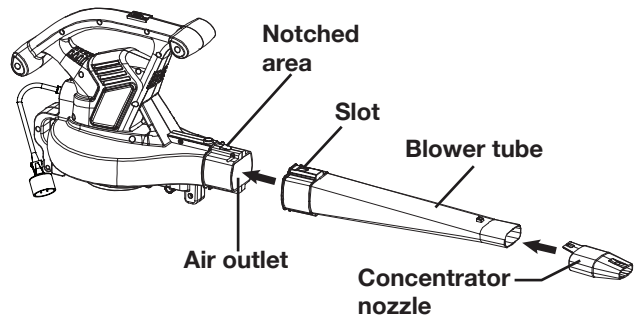
⚠ WARNING! To prevent serious personal injury, make sure the switch is in the OFF (O) position, the unit is unplugged, and the impeller has come to a complete stop before attaching or removing tubes.

Assemble as a Blower

1. Slide the blower tube forward until the notched area on the blower housing clicks into the slot on the blower tube (Fig. 1).
2. Insert the concentrator nozzle onto the end of the blower tube until it locks into position (Fig. 1).

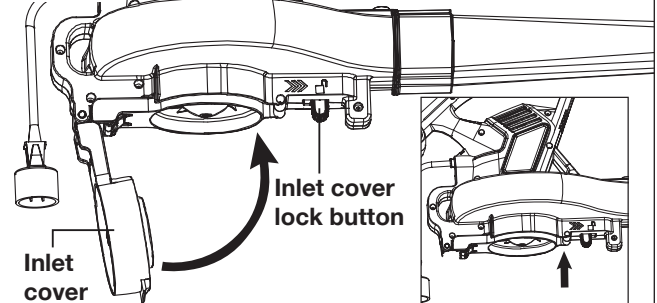
NOTE: The concentrator nozzle is used to increase air flow in tight areas (i.e around flower beds, under decks, etc.).

Fig. 1



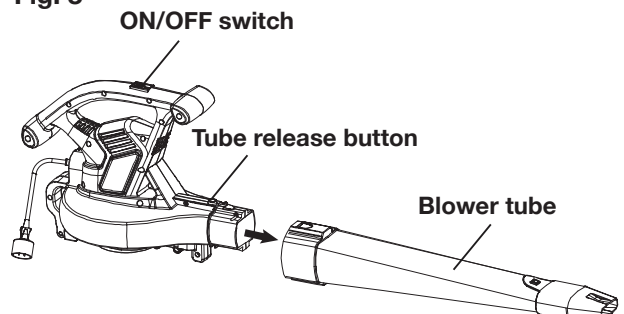
3. Before using the blower function, securely fasten the inlet cover over the air inlet until the lock button snaps into the locked position (Fig. 2).

Fig. 2



4. To remove the blower tube, turn the ON/OFF power switch to the OFF (O) position and disconnect the tool from the power supply.
5. Press the tube release button and remove the blower tube (Fig. 3).

Fig. 3



Gutter Cleaning Attachment Kit

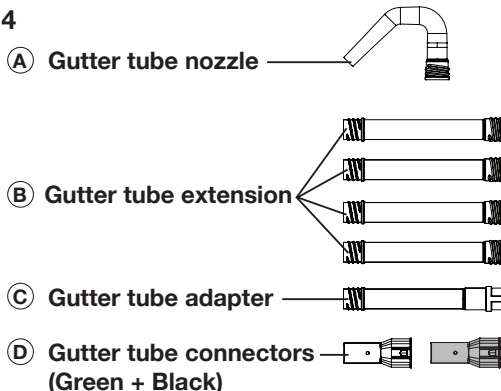
Rid yourself of gutter-clogging leaves, dirt and debris without ever having to set foot on an unsteady stepladder or hang dangerously from your downspout. Simply attach the sturdy, detachable PVC tubes to extend your reach up to 15' and unleash a tornado in your gutter tubs. Regularly cleaning your gutters ensures clear, clog-free performance and eliminates the potential for costly ice dams.

⚠ CAUTION! All operators must wear close-fitting clothing, safety goggles, and a dust mask when using this attachment on their electric blower. Keep all bystanders and pets a safe distance away from the work area. Beware of foreign objects that could be thrown by the blower.

- DO NOT operate the blower with this attached gutter cleaner when fatigued.
 - DO NOT overreach or stand on an unstable support. Keep proper footing and balance at all times.
 - Never direct airflow towards bystanders. Always be aware of the direction in which the debris will be thrown.
 - Use a face filter mask to avoid breathing dust and debris.
1. Attach the gutter kit as shown in Figs. 4 and 5: Connect the A, B, and C components by screwing them together. Then snap the A, B and C assembly into D, and then snap the completed gutter attachment into the electric blower.

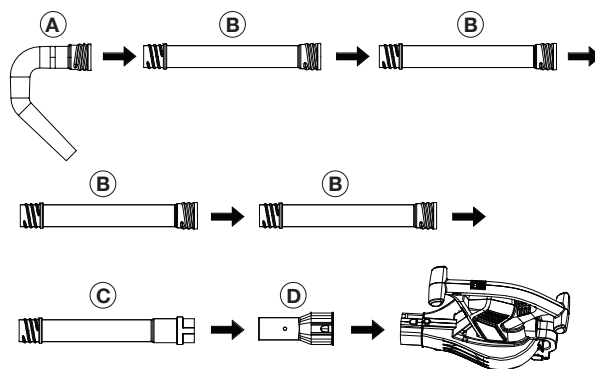
NOTE: Use only enough gutter tube extensions to comfortably reach the inside of the rain gutter you wish to clear.

Fig. 4



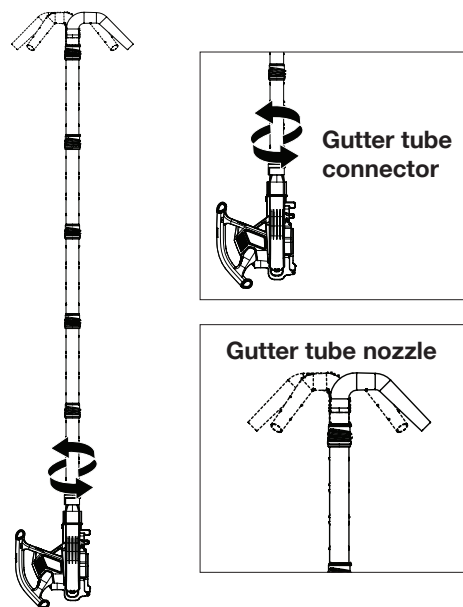
NOTE: The green adapter is for use with iONBV Series only.

Fig. 5



2. The gutter tube nozzle (A) can be adjusted to any desired direction by rotating the gutter tube connector (D) as shown in Fig. 6. Gutter cleaning applications will vary. We recommend you try various nozzle positions until you find the one that works most effectively with your home's gutter design.

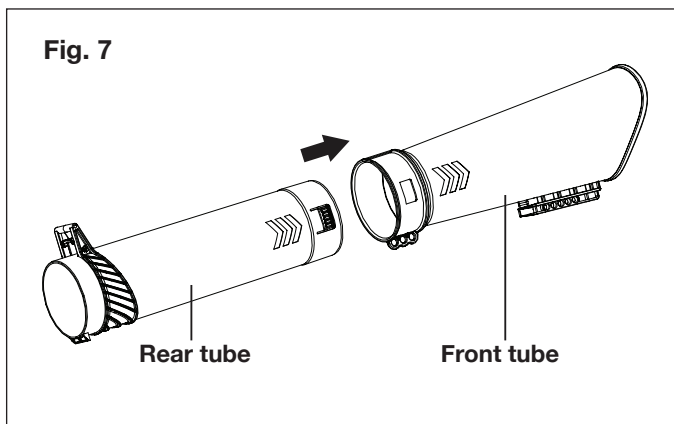
Fig. 6



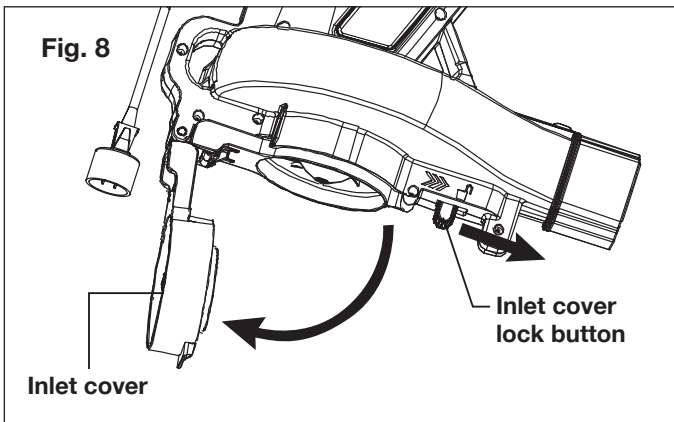
NOTE: If you have any questions, please call the Snow Joe® + Sun Joe® customer service department at 1-866-SNOWJOE (1-866-766-9563) for assistance.

Assemble as a Vacuum/Mulcher

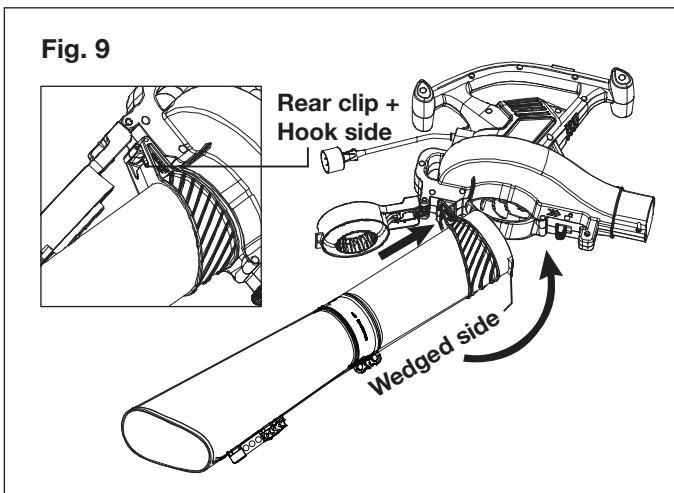
1. Slide the front and rear vacuum/mulcher tubes together until the lock button engages (Fig. 7).



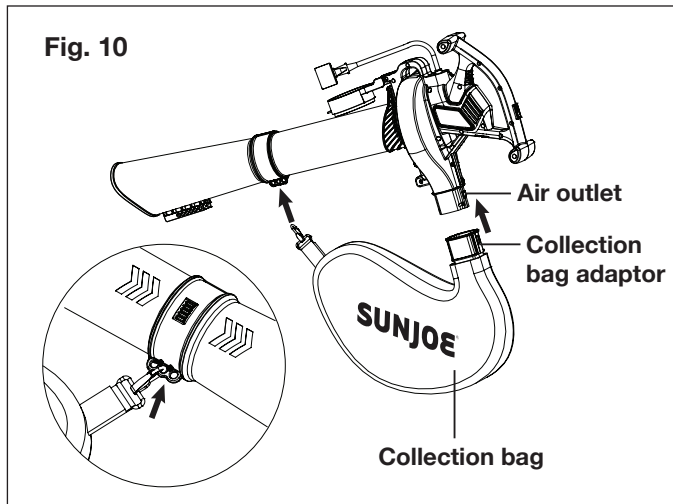
2. Slide the inlet cover lock button forward to disengage the inlet cover. Hold the cover open (Fig. 8).



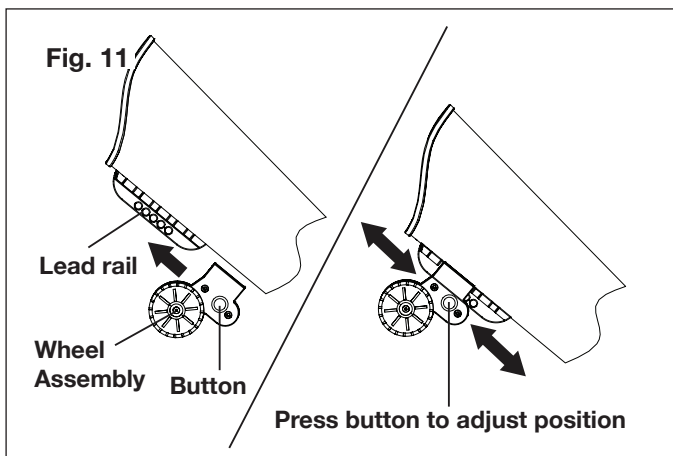
3. With the blower tube removed from the blower housing, insert the "hooked" side end of the vacuum/mulcher tube into the rear clip on the unit. Securely fasten the vacuum/mulcher tube by pushing the "wedged" side end of the vacuum/mulcher tube up until the lock button snaps into the locked position (Fig. 9).



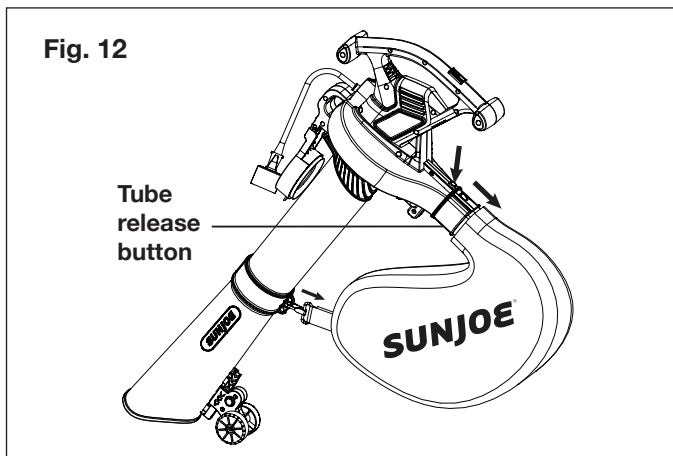
4. Insert the collection bag adaptor into the blower air outlet until the collection bag is securely fastened (Fig. 10), then clip the bag to the strap holder.



5. Press the button on the wheel assembly, then slide it onto the lead rail. Adjust the wheel position by pressing the button and sliding the wheel assembly up and down the lead rail until the desired setting is reached (Fig. 11).

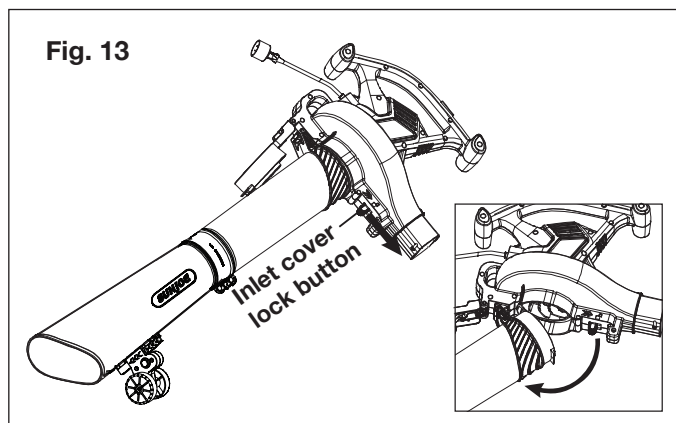


6. To remove the bag, press the tube release button and slide the bag off of the unit. Unclip the bag from the strap holder (Fig. 12).



7. To remove the vacuum/mulcher tube assembly, slide the inlet cover lock button to unlock, then remove the tube assembly from its housing (Fig. 13).

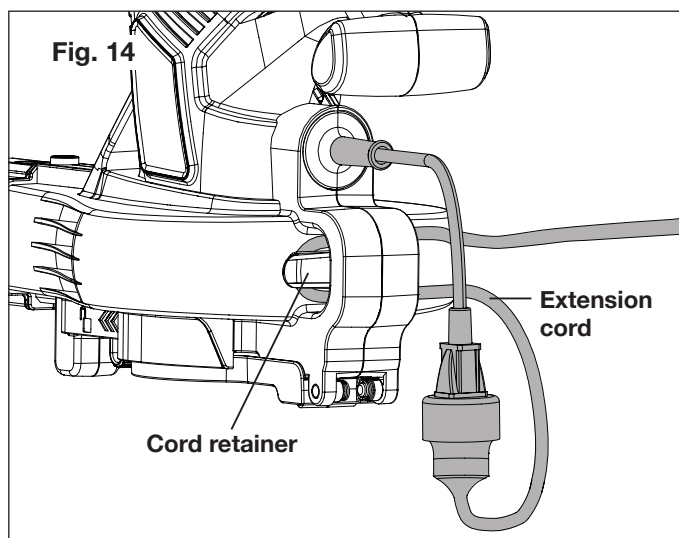
NOTE: It may be necessary to remove the blower tube or vacuum/mulcher tubes to clear a blocked tube or impeller. Make sure to disconnect the unit from the power supply before attempting to clear any obstructions.



Operation

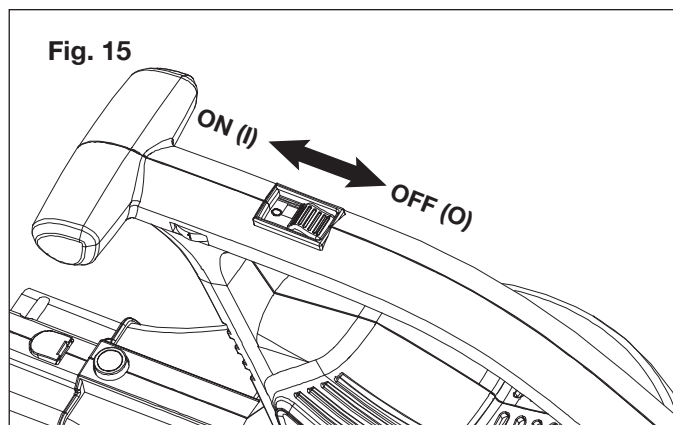
Connecting to a Power Source

1. Secure the extension cord to the motor housing using the cord retainer located at the rear of the blower. Securing the extension cord in this manner prevents accidental removal of the electrical cord during operation (Fig. 14).
2. Connect the extension cord to the appliance cord (Fig. 14).



Starting + Stopping

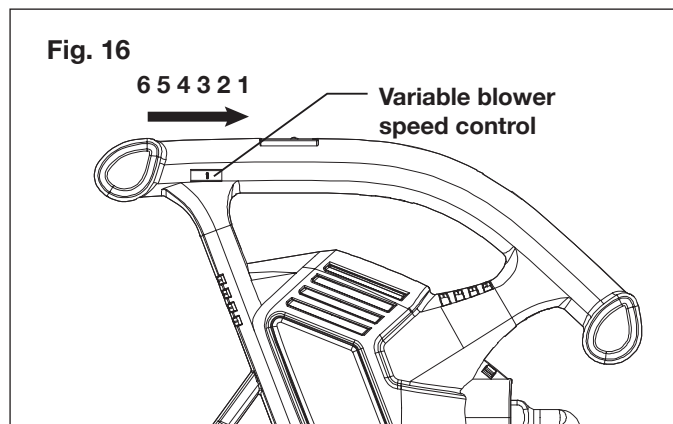
1. To start the electric blower/vacuum/mulcher, slide the ON/OFF switch to the ON position (I) (Fig. 15).
2. To stop the unit, slide the ON/OFF switch to the OFF position (O) (Fig. 15).



Speed Control

This unit is equipped with six variable speed settings (1 to 6) (Fig. 16).

- Turn the speed dial to position “1” or “2” for LOW speeds.
- Turn the speed dial to position “3” or “4” for MEDIUM speeds.
- Turn the speed dial to position “5” or “6” for HIGH speeds.



Operating Tips

⚠ WARNING! Use the blower/vacuum/mulcher only in daylight or good artificial light.

- When using the blower vac, plant your feet firmly on the ground and place one hand on the unit handle and the other hand on the auxiliary handle.
- Wear personal protective equipment during your work session. This includes boots, safety glasses/goggles, ear defenders, long pants, and a long-sleeve shirt.

- When using the unit as a vacuum/mulcher, make sure the bag is properly installed and zipped closed.
- Make sure the blower tube nozzle is not directed at anybody or any loose debris before starting the unit.
- Verify that the unit is in good working condition. Make sure the tubes and guards are in place and secure.
- Ensure that the vacuum/mulch inlet cover is completely closed and locked.
- Keep a firm grip on both the front and rear handle or grips.
- To reduce the risk of hearing loss associated with sound level(s), hearing protection is required.
- Operate this blower vac and other power equipment only at reasonable hours. Avoid use early in the morning or late at night when people might be disturbed. Comply with times listed in local ordinances. Usual recommendations are 9:00 am to 5:00 pm, Monday through Saturday.
- To reduce noise levels, limit the number of pieces of power equipment used at any one time and operate power blowers at the lowest possible speed setting necessary to do the job.
- Use rakes and brooms to loosen debris before blowing.
- In dusty conditions, slightly dampen surfaces.
- Conserve water by using power blowers instead of hoses for many lawn and garden applications, such as cleaning gutters, screens, patios, grills, porches, and gardens.
- Blow debris into a safe, open area away from children, pets, open windows, or freshly washed cars.
- Clean up after using leaf blowers and other lawn equipment. Dispose of debris appropriately.

⚠ WARNING! To avoid serious personal injury, wear ear defenders, goggles, or safety glasses at all times when operating this unit. Wear a face mask or dust mask in dusty locations.

⚠ WARNING! To prevent serious personal injury or damage to the unit, make sure the blower tube or the vacuum/mulcher tubes and the collection bag are in place before operating the unit.

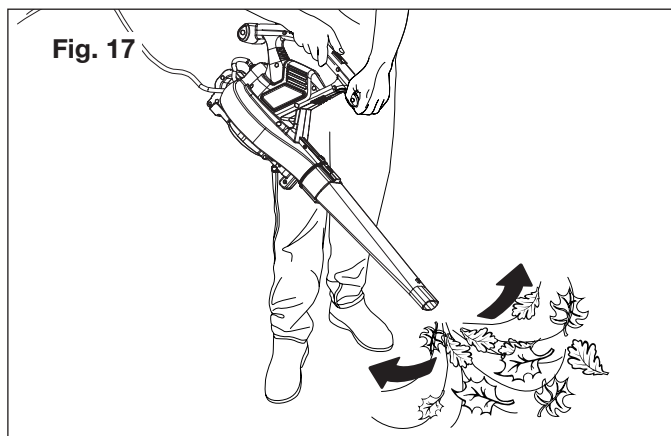
Air Vents

Never cover air vents. Keep them free from obstructions and debris. They must always remain clear for proper motor cooling.

⚠ WARNING! To avoid serious personal injury, tie back long hair and do not wear loose fitting clothing or dangling articles such as scarves, strings, chains, ties, etc. Such items could get drawn into the air vents.

Blower Mode

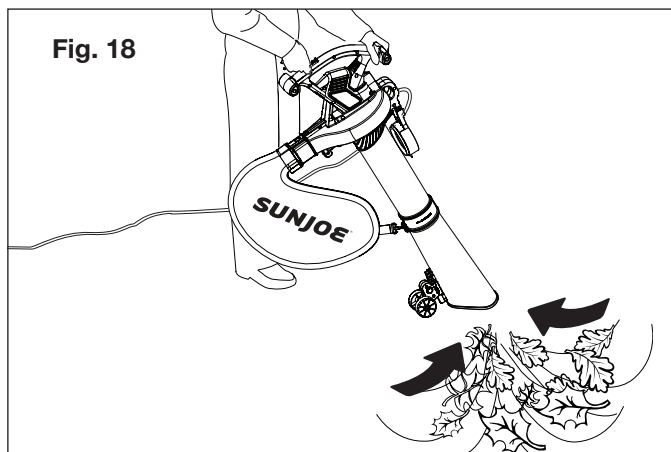
- Hold the blower firmly with one hand on the main handle and the other hand on the auxiliary handle. Sweep from side to side with the nozzle several inches above the ground or floor (Fig. 17).



- Slowly advance the unit, keeping the accumulated pile of debris in front of you. Most dry blowing operations are better suited to low speeds rather than high speeds. High speed blowing is best for moving heavier items like large debris or gravel.

Vacuum + Mulcher Mode

- Once you have blown the debris/leaves into a pile, you can convert to vacuum/mulcher mode to collect the debris.
- With a firm hold on the unit, tilt the vacuum/mulcher tubes 2 – 4 in. (5 – 10 cm) from the ground and use a sweeping action to collect light debris. The debris will flow into the bag. Items such as small leaves and twigs will be mulched as they pass through the fan housing. For longer bag life and optimal performance, empty the bag frequently (Fig. 18).
- Move easily from one pile of debris to the next by gliding the vacuum/mulcher along the ground using the wheel assist assembly.



- As the bag fills, suction power will decrease. When this happens, turn the power switch to the OFF (O) position and unplug the unit from the power supply. Remove the bag and empty the debris.
- To remove the bag, press the tube release button (Fig. 12). To empty, hold the plastic handle and grab the nylon handle on the underside of the bag. Turn the bag upside down and shake out any debris and leaves.

⚠ WARNING! Never remove the collection bag without first turning the power switch to the OFF (O) position and unplugging the unit from the main power source.

⚠ WARNING! Do not use in vacuum/mulcher mode without the vacuum/mulcher tubes and collection bag in place.

Cleaning a Blocked Tube/Impeller

⚠ WARNING! To avoid serious personal injury, be sure the unit is OFF and unplugged before clearing the impeller.

⚠ WARNING! To avoid serious personal injury, always wear gloves to protect yourself from the impeller blades or other sharp objects.

During the vacuuming/mulching process, certain objects such as cloth, rope, or large diameter sticks may obstruct the fan and block the motor. A thermal protection device, which is built into the blower vac, will cut off the electricity to the motor to prevent damage from overheating.

In the event an obstruction occurs and power is curtailed:

1. Slide the ON/OFF switch to the OFF (O) position until the unit comes to a complete stop.
2. Unplug the unit.
3. Remove the blower tube or vacuum/mulcher tubes and the collection bag.
4. Using protective gloves, carefully remove the material blocking the tube or impeller. Inspect the blades to ensure no damage has occurred. Rotate the impeller blades by hand to ensure the blockage is completely cleared.
5. Reinstall the blower tube or vacuum/mulcher tubes and the collection bag.
6. Wait 3 minutes for the motor to cool.
7. Plug the unit back into the power supply and turn the ON/OFF switch to the ON (I) position. The blower vac will resume normal function.

Maintenance

To order genuine replacement parts or accessories for the Sun Joe® SBJ606E-GA-RM electric blower/vacuum/mulcher, please visit snowjoe.com or contact the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).

⚠ WARNING! Disconnect the extension cord before performing any maintenance task.

If the extension cord is plugged into the appliance, someone could accidentally turn on the unit while you are inspecting it, which could result in serious personal injury.

Cleaning the Unit

⚠ WARNING! To avoid serious personal injury, always turn the unit off and unplug it before cleaning or servicing.

Use a small brush to clean the outside of the unit. Do not use strong detergents, household cleaners that contain aromatic oils (e.g. pine and lemon), or harsh solvents such as kerosene as these substances can damage the plastic housing or the handles. Wipe off any moisture with a soft, dry cloth.

1. Empty the bag after each use to avoid deterioration and air flow obstruction, which will reduce the performance of the vacuum/mulcher.
2. Wear eye protection and a dust mask. Clean the bag as needed. Turn the bag inside out after initial emptying and vigorously shake out any dust and debris.
3. Wash the bag once a year, or more often if needed. Follow the steps below:
 - i. Remove the bag.
 - ii. Turn the bag inside out.
 - iii. Hang it up.
 - iv. Hose it down thoroughly.
 - v. Leave it hanging to dry.
 - vi. Turn the bag right-side up and reinstall.

Storage

1. Examine the electric blower/vacuum/mulcher thoroughly for worn, loose, or damaged parts. Should you need to repair or replace a part, contact an authorized Snow Joe® + Sun Joe® dealer or call the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563) for assistance.
2. Examine the extension cord thoroughly for signs of excess wear or damage. If it is worn or damaged, replace it immediately.
3. Disconnect the extension cord from the electric blower/vacuum/mulcher before storing.
4. Store the cord with the electric blower/vacuum/mulcher indoors in a clean, dry, and locked location out of the reach of children and animals.

NOTE: Devices for retaining extension cords are commercially available should you wish to purchase one.

Service + Support

If your Sun Joe® SBJ606E-GA-RM electric blower/vacuum/mulcher requires service or maintenance, please call the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).

Model + Serial Numbers

When contacting the company, reordering parts, or arranging service from an authorized dealer, you will need to provide the model and serial numbers, which can be found on the decal located on the housing of the unit. Copy these numbers into the space provided below.

Record the following numbers from the housing or handle of your new product:																					
																		Model #:			
S	B	J	6	0	6	E	-	G	A	-	R	M									
																		Serial #:			


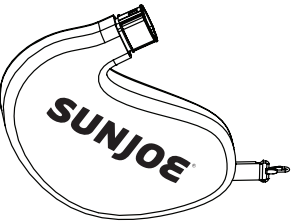
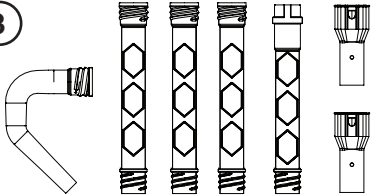
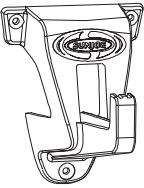
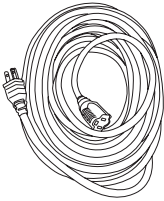
Troubleshooting

⚠️WARNING! Always unplug the power cord before performing any adjustments, maintenance, or repairs to your electric blower vac.

Problem	Possible Cause	Solution
Unit will not blow or mulch	<ol style="list-style-type: none"> 1. Bag full 2. Blocked tube 3. Blocked impeller 4. Dirty bag 5. Torn bag 6. Bag unzipped 7. Unit unplugged 	<ol style="list-style-type: none"> 1. Empty the bag. 2. Clear the blockage. 3. Clear the blockage. 4. Clean the bag. 5. Replace the bag. 6. Zip up the bag. 7. Plug into an outlet or an extension cord.
Unit will not start	<ol style="list-style-type: none"> 1. Unit is unplugged. 2. Power/speed switch is in the OFF (O) position. 3. Defective power switch. 4. Vac tubes are not correctly installed. 5. Intake gate/cover is not closed. 6. House circuit may have tripped. 	<ol style="list-style-type: none"> 1. Check cord to make sure it is plugged into an electrical outlet. 2. Slide the power switch to the ON (I) position and select your desired speed setting with the speed control switch. 3. Call the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563). 4. Check vac tubes and ensure that they are correctly installed to allow the switch to be engaged. 5. Ensure that gate/cover is fully closed and locked. 6. Check wall circuit breaker panel and reset if necessary.

Optional Accessories

⚠️WARNING! ALWAYS use only authorized Snow Joe® + Sun Joe® replacement parts and accessories. NEVER use replacement parts or accessories that are not intended for use with this electric blower vac. Contact Snow Joe® + Sun Joe® if you are unsure whether it is safe to use a particular replacement part or accessory with your electric blower vac. The use of any other attachment or accessory can be dangerous and could cause injury or mechanical damage.

Accessories	Item	Model
	12-Gallon (53 l) collection bag	SBJ603E-BAG (For use with blower vac models SBJ601E + SBJ603E + SBJ605E + SBJ606E-GA)
	18.5-Gallon (81.5 l) collection bag	SBJ605E-BAG18 (For use with blower vac models SBJ601E + SBJ603E + SBJ605E + SBJ606E-GA)
	Gutter cleaning attachment kit	SBJ6-GA (For use with blower vac models SBJ601E + SBJ603E + SBJ605E + SBJ606E-GA + iONBV)
	Universal wall bracket with mounting hardware	SJWB (Fits most Snow Joe® + Sun Joe® tools, including blower vac models SBJ601E + SBJ603E + SBJ605E + SBJ606E-GA + iONBV)
	Snow Joe® + Sun Joe® SJTW-A 14-gauge 50-foot extension cord with lighted end	PJEXT50-B

NOTE: Accessories are subject to change without any obligation on the part of Snow Joe® + Sun Joe® to provide notice of such changes. Accessories can be ordered online at snowjoe.com or via phone by contacting the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).



SNOW JOE® + SUN JOE® REFURBISHED GOODS WARRANTY

GENERAL CONDITIONS:

Snow Joe® + Sun Joe® operating under Snow Joe®, LLC warrants this refurbished product to the original purchaser for 90 days against defects in material or workmanship when used for normal residential purposes. If a replacement part or product is needed, it will be sent free of charge to the original purchaser except as noted below.

The duration of this warranty applies only if the product is put to personal use around the household. It is the owner's responsibility to correctly perform all maintenance and minor adjustments explained in the owner's manual.

HOW TO OBTAIN YOUR REPLACEMENT PART OR PRODUCT:

To obtain a replacement part or product, please visit snowjoe.com/help or email us at help@snowjoe.com for instructions. Please be sure to register your unit beforehand to speed up this process. Certain products may require a serial number, typically found on the decal affixed to the housing or guard of your product. All products require a valid proof of purchase.

EXCLUSIONS:

- Wearing parts like belts, augers, chains and tines are not covered under this warranty. Wearing parts can be purchased at snowjoe.com or by calling 1-866-SNOWJOE (1-866-766-9563).
- Batteries are covered in full for 90-days from the date of purchase.

Snow Joe® + Sun Joe® may from time to time change the design of its products. Nothing contained in this warranty shall be construed as obligating Snow Joe® + Sun Joe® to incorporate such design changes into previously manufactured products, nor shall such changes be construed as an admission that previous designs were defective.

This warranty is intended to cover product defects only. Snow Joe®, LLC is not liable for indirect, incidental or consequential damages in connection with the use or misuse of the Snow Joe® + Sun Joe® products covered by this warranty. This warranty does not cover any cost or expense incurred by the purchaser in providing substitute equipment or service during reasonable periods of malfunction or non-use of this product while waiting for a replacement part or unit under this warranty. Some states do not allow exclusions of incidental or consequential damages so the above exclusions may not apply in all states. This warranty may give you specific legal rights in your state.

HOW TO REACH US:

We're here to help Monday through Friday from 9AM to 6PM EST. You can reach us at 1-866-SNOWJOE (1-866-766-9563), online at snowjoe.com, via email at help@snowjoe.com or tweet us @snowjoe.

EXPORTS:

Customers who have purchased Snow Joe® + Sun Joe® products exported from the United States and Canada should contact their Snow Joe® + Sun Joe® distributor (dealer) to obtain information applicable to your country, province or state. If for any reason, you are not satisfied with the distributor's service, or if you have difficulty obtaining warranty information, contact your Snow Joe® + Sun Joe® seller. If in the event your efforts are unsatisfactory, please reach out to us directly.



snowjoe.com

⚠️WARNING! This product or its power cord contains chemicals, including lead, known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling. For more information go to www.P65Warnings.ca.gov.

⚠️WARNING! Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known [to the State of California] to cause cancer, birth defects, or other reproductive harm. Some examples of these chemicals are:

- lead from lead-based paints,
- crystalline silica from bricks and cement and other masonry products, and
- arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specifically designed to filter out microscopic particles. For more information go to www.P65Warnings.ca.gov.