



OPERATOR'S MANUAL

A Division of Snow Joe®, LLC

2-IN-1 ELECTRIC PRESSURE WASHER + WET/DRY VAC

1700 PSI MAX* | 1.45 GPM MAX*

Model SPX7000E

Form No. SJ-SPX7000E-880E-MR3

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 pressure washer + wet/dry vacuum.

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

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

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

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

General Safety

⚠ WARNING! This appliance is not intended for use by children or by unassisted, unsupervised persons whose physical, sensory, or mental capabilities prevent them from using it safely. Children should be supervised to ensure that they do not play with the appliance.

Before starting up your machine, please check it carefully for any defects. If you find any, do not start up your machine. Contact your authorized Snow Joe® + Sun Joe® dealer or call the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).

⚠ WARNING! When using the pressure washer + wet/dry vacuum, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury. These include:

- **Keep work area clean and well-lit** – Cluttered, dark areas invite accidents.
- **Know your product** – Know how to stop the machine and bleed pressure quickly. Thoroughly familiarize yourself with the controls.
- **Keep bystanders away** – All visitors and pets should be kept a safe distance away from the work area.

- **Use the right product** – Do not use this machine for any job except that for which it is intended.
- **Dress properly** – Do not wear loose clothing or jewelry. They can get caught in moving parts. Protective rubber gloves and non-slip footwear are recommended when working outdoors.
- **⚠ CAUTION!** – Exercise caution to avoid slipping or falling. Wear protective footwear that will protect your feet and improve your footing on slippery surfaces.
- **Stay alert** – Watch what you are doing. Use common sense. Do not operate the pressure washer + wet/dry vacuum when you are tired, or under the influence of alcohol or drugs.
- **Do not overreach** – Keep proper footing and balance at all times.
- **Avoid unintentional starting** – Do not carry a plugged-in machine with your finger on the trigger. Make sure the switch is off before plugging in the machine.
- **Do not abuse the cord** – Never carry the machine by the cord or yank the cord to disconnect it from the receptacle. Keep the cord away from heat, oil, and sharp edges.
- **Use safety glasses** – Also use safety footwear, snug-fitting clothing, protective gloves, and hearing and head protection.
- **Store indoors** – **NEVER** store the pressure washer + wet/dry vacuum outdoors or where it could freeze. The pump could be seriously damaged.
- **Ground Fault Circuit Interrupter (GFCI)** – GFCI protection should be provided on the circuits or outlets to be used for this pressure washer + wet/dry vacuum. Receptacles are available having built-in GFCI protection and may be used for this measure of safety.
- **Inspect electrical cables** – The insulation of the power cord should be perfectly intact. If the power cord is damaged or shows any signs of wear or tear, do not use the machine. Contact your authorized Snow Joe® + Sun Joe® dealer or call the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).

⚠ WARNING! Do not use this appliance without reading this instruction manual.

⚠ WARNING! Do not use the appliance within range of other people unless they are wearing protective clothing.

- **Disconnect the tool** – Disconnect from the electrical power supply before performing any maintenance task.

- **Keep children away** – This high-pressure electric pressure washer + wet/dry vacuum must not be used by children or untrained personnel.
- To ensure appliance safety, use only original replacement parts from the manufacturer or those approved by the manufacturer.

⚠ WARNING! During cleaning, maintenance, or when replacing parts, disconnect the machine from its power source by removing the plug from the socket outlet.

- **Check for damaged parts** – Do not use the appliance if the supply cord or other important parts of the appliance are damaged (e.g. safety devices, high-pressure hoses, trigger gun).

⚠ WARNING! If an extension cord is used, the plug and socket must be of watertight construction.

NOTE: It is not recommended to use an extension cord with this pressure washer + wet/dry vacuum.

⚠ WARNING! Inadequate extension cords can be dangerous.

⚠ WARNING! Power cords on drums should always be completely unwound to prevent the cord from overheating.

- Power cord connections should be kept dry and off the ground.
- If the power cord is damaged, do not use the appliance. Contact your authorized Snow Joe® + Sun Joe® dealer or call the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).
- Keep the machine on a stable, flat surface during operation, handling, transportation, and storage. Sudden overturn of the machine can cause bodily injury.
- In the event of an accident or breakdown, switch off the machine immediately. (If contact with detergent occurs, rinse with an abundance of clean water.)

General Safety for Pressure Washer

⚠ WARNING! When using as pressure washer, high-pressure jets can be dangerous if subject to misuse. The jet must not be directed at persons, pets, live electrical equipment, or the appliance itself.

⚠ WARNING! Water that has flowed through backflow preventers is considered to be non-potable.

⚠ WARNING! High-pressure hoses, fittings, and couplings are important for the safe operation of the appliance. Use only hoses, fittings, and couplings recommended by the manufacturer.

- **Check the water temperature** – This pressure washer is not meant to pump hot water. **NEVER** connect it to a hot water supply as it will significantly reduce the life of the pump.
- Do not direct the jet at yourself or others in order to clean clothes or footwear.
- **Risk of explosion** – Do not spray flammable liquids.
- This high-pressure electric pressure washer must not be used at temperatures below 32°F (0°C).

General Safety for Wet/Dry Vacuum

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

DO NOT ATTEMPT to remove material or hold material to be vacuumed when the wet/dry vacuum is on. Make sure the wet/dry vacuum is off when clearing jammed material from the vacuum inlet.

⚠ CAUTION! Do not operate the wet/dry vacuum without the dust compartment properly attached. If the dust compartment is not properly attached, the machine may unintentionally move forward and throw out objects through the blowout opening and cause injury.

- **Maintain the wet/dry vacuum with care** – Keep the air inlet/outlet clear and clean for optimal performance and to reduce the risk of injury. Keep the housing dry, clean and free from oil and grease. Follow the additional recommendations described in the maintenance section of this manual.
- **Avoid dangerous environments** – Do not use the wet/dry vacuum in rain, damp or wet locations. Do not operate the wet/dry vacuum in gaseous or explosive atmospheres or use the wet/dry vacuum to pick up flammable or combustible liquids. Motors in these tools normally spark, and the sparks might ignite fumes.
- Keep firm footing and maintain good balance at all times. Do not overreach. Overreaching can result in loss of balance.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes.
- Do not use without the dust compartment or filters in place.
- 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.

- Prevent cords, plastic bags, or similar items from getting sucked in. This may cause an overload or blocking of the motor.

Electrical Safety

ATTENTION: If there are problems with the electrical MAINS, short voltage drops may appear when starting the equipment. This can, in turn, influence other equipment (e.g. cause a lamp to blink). If the MAINS-IMPEDANCE $Z_{max} < 0.335 \text{ OHM}$, such disturbances are not expected. (If you require assistance, contact your local supply authority for further information).

⚠ WARNING! Electrical Shock Hazard – Before starting up your machine, please check it carefully for any defects. If you find any, do not start up your machine. Contact your authorized Snow Joe® + Sun Joe® dealer or call the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).


The following should be observed when connecting the unit to the electric supply:

- The electric supply connection should be performed by a qualified person.

IMPORTANT: Only use water without any impurities for the pressure washer. If there is a risk of running sand into the inlet water (i.e. from your own well), an additional filter should be installed.

Safety devices

The unloader valve can reduce pressure if it exceeds preset values. The spray gun features a locking device. When the lock is activated, the spray gun cannot be operated.

- 1. Thermal sensor** – A thermal sensor protects the motor against overloading. The machine will restart after a few minutes when the thermal sensor has cooled.
- 2. Double insulation** – 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.
- 3. Ground fault circuit interrupter (GFCI) protection** – A GFCI should be provided on the circuit(s) or outlet(s) to be used for this electric pressure washer + wet/dry vacuum. Receptacles are available having built-in GFCI protection and may be used for this measure of safety.

4. It is not recommended to use an extension cord with this pressure washer + wet/dry vacuum. The unit comes standard with a 35 ft GFCI power cable. Using an extension cord may cause a drop in line voltage resulting in loss of power and overheating.
5. To reduce the risk of electric shock, this appliance has a polarized plug (i.e. one blade is wider than the other). The appliance plug will fit into a polarized outlet only one way.

If the appliance plug does not fit fully into the outlet, reverse the plug. If the plug still does not fit, make sure that you are using the correct polarized wall outlet. If the plug still does not fit, contact a qualified electrician to install the proper wall outlet. Do not modify the appliance plug, power cord receptacle, or power cord plug in any way.

Use only extension cords that are intended for outdoor use. These extension cords are identified by marking "Acceptable for use with outdoor appliance; store indoors while not in use". Use only extension cord having an electrical rating not less than the rating of the product. Do not use damaged extension cords. Examine extension cord before using and replace if damaged. Do not abuse extension cord and do not yank on any cord to disconnect. Keep cord away from heat and sharp edges. Always disconnect extension cord from the receptacle before disconnecting the product from the extension cord.



WARNING



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

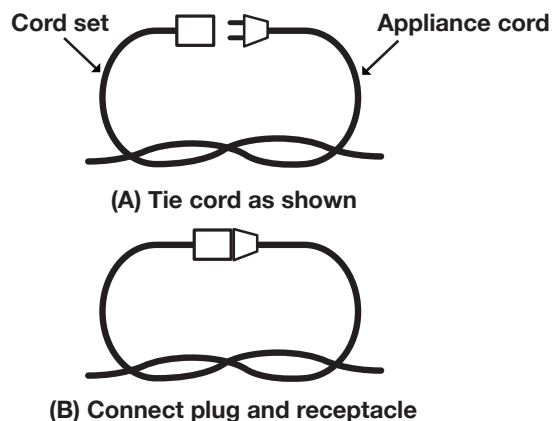
- Do not allow any part of the electric pressure washer + wet/dry vacuum to make contact with water while it is in operation. If the appliance becomes wet while turned off, wipe dry before starting.
- Do not use an extension cord over 25 ft. The pressure washer + wet/dry vacuum comes equipped with a 35 ft power cable. Combined cord length must not exceed 60 ft. Any extension cord must be 14-gauge (or heavier) to safely power the pressure washer.
- Do not touch the appliance or its plug with wet hands or while standing in water. Wearing rubber boots offers some protection.

EXTENSION CORD CHART

Cord Length:	25 ft (7.6 m)
Min. Wire Gauge (A.W.G.):	14

6. 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



7. Do not abuse the cord. Never pull the pressure washer + wet/dry vacuum by the cord or yank the cord to disconnect it from the receptacle. Keep the cord away from heat, oil, and sharp edges.

Risk of electrocution

- Inspect cord before using.
- Do not use if cord is damaged.
- Keep all connections dry and off the ground.
- Do not touch plug with wet hands.
- Keep cord away from heat and sharp edges.
- Do not spray electrical apparatus and wiring.

Risk of explosion

- Do not spray flammable liquids.
- Do not use acids, bases, solvents, or any flammable material in this product. These substances can cause physical injuries to the operator and irreversible damage to the machine.

Additional safety instructions

- High-pressure: keep clear of nozzle.
- Injection hazard: equipment can cause serious injury if the spray penetrates the skin.
- Do not point the gun at anyone or at any part of the body.
- In case of skin penetration, seek medical aid immediately.
- Before servicing, cleaning, or removing any parts, shut off the power and relieve pressure.
- This machine is not suitable for connection to the potable water mains.
- Use the handle to transport the unit. Do not lift the machine by the dust compartment handle.

Product Description

Purpose














- This electric high pressure washer is intended for residential use only. It is designed for medium-to-heavy duty cleaning jobs on boats, motorcycles, RV's, ATV's, trailers, decks, barbecues, siding, patio furniture, and more.
- This electric wet/dry vacuum is designed to clean hard surfaces as paved paths, courtyards and terraces. It is only suitable for vacuuming light materials such as grass, leaves, small twigs and pieces of paper. The vacuuming of heavy materials such as metal, stones, branches and broken glass is expressly excluded.

Areas of application

- Never use the machine in potentially explosive areas under any circumstances!
- The operating temperature must be between 32°F (0°C) and 104°F (40°C).
- The machine consists of an assembly with a pump, which is encased in a shock-absorbing housing. To provide the operator with an optimal working position, the machine is equipped with a spray wand and a non-slip handle grip, whose shape and configuration comply with applicable regulations.
- Do not cover or modify the spray wand or the spray nozzle in any way.
- The high-pressure electric power washer is designed to be used with cold or lukewarm water; higher temperatures can damage the pump.
- Do not use water that is dirty, gritty, or contains any chemical products, as such impurities could impair operation and shorten the life of the machine.

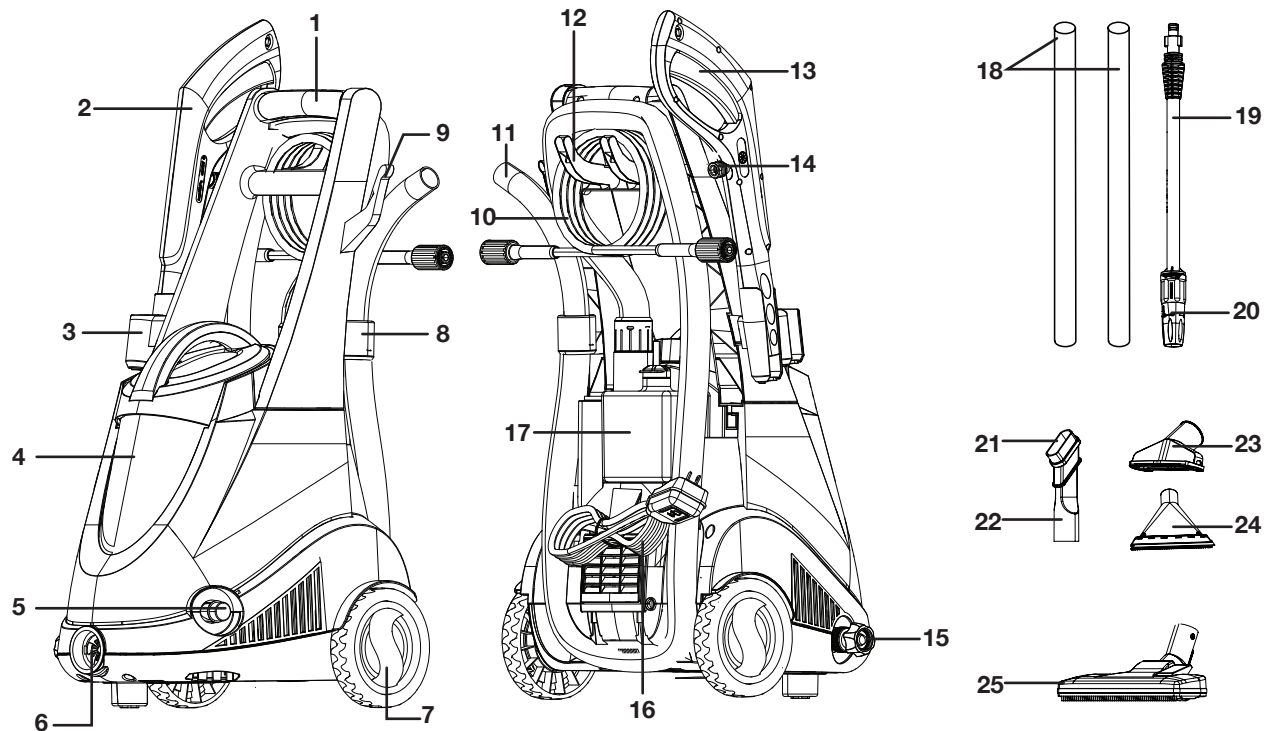
Safety Symbols

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.		WARNING! Electrical shock hazard.
	SAFETY ALERT – Indicates a precaution, a warning, or a danger.		WARNING! Do not expose the unit to rain or wet conditions. Keep dry.
	WEAR EYE AND HEARING PROTECTION – For protection against injury, wear ear defenders and safety goggles.		To reduce the risk of injury, user must keep all bystanders at least 49 ft (15 m) away.
	Wear safety gloves during use to protect hands.		Wear non-slip footwear that will protect your feet and improve your footing on slippery surfaces.
	Store indoors. Never store the electric pressure washer + wet/dry vacuum outdoors. If the pump freezes, permanent damage may result.		Machine not suitable for connection to the potable water mains.
	Always keep the power cable away from heat sources, oils, or sharp edges. Immediately remove plug from the mains if the cable is damaged, frayed, or entangled.		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 Pressure Washer + Wet/Dry Vacuum

Read the owner's manual and safety rules carefully before operating the pressure washer + wet/dry vacuum. Compare the illustration below to the unit in order to familiarize yourself with the location of the various controls and adjustments. Save this manual for future reference.



- | | | |
|---------------------------------------|--|------------------------------|
| 1. Handle | 9. Power cord holder | 17. Removable detergent tank |
| 2. Trigger gun | 10. High pressure hose | 18. Extension tubes (2) |
| 3. Trigger gun holder | 11. Vacuum hose | 19. Spray wand |
| 4. Dust tank | 12. High-pressure hose holder | 20. Adjustable nozzle |
| 5. Water outlet | 13. Trigger | 21. Dusting brush |
| 6. Air outlet | 14. High pressure hose connector | 22. Crevice nozzle |
| 7. Wheel (2) | 15. Water inlet (garden hose connection) | 23. Furniture brush |
| 8. Air inlet (Vacuum hose connector) | 16. Power cord with GFCI | 24. Wet/dry bristle brush |
| | | 25. Wet/dry floor brush |

Technical Data

Rated Voltage	120 V ~ 60 Hz	Max Pressure*	1700 PSI
Motor	12 A (Pressure washer) 10 A (Vacuum system)	Rated Pressure	1133 PSI
Max Water Inlet Temperature	104°F/40°C	High-pressure Hose Length	20 ft (6 m)
Max Water Inlet Pressure	0.7 MPa	Power Cord Length	35 ft (10.7 m)
Detergent Tank Capacity	25.4 fl oz (0.75 l)	Air Flow	5 ft ³ /min (1.5 m ³ /min)
Max Flow*	1.45 GPM	Dust Tank Capacity	0.8 gal (3 l)
Rated Flow	1.09 GPM	Working Air Pressure	≥12 kPa
		Weight (no attachments)	25.6 lbs (11.6 kg)

* Max rating per CSA test standards. Maximum internal pressure is 1700 PSI and flow is 1.45 GPM. Under typical load, working pressure is 1133 PSI and flow is 1.09 GPM.

Unpacking

Carton Contents

- Electric pressure washer + Wet/dry vacuum
- Handle
- Two (2) large Phillips head screws (for handle)
- Spray wand
- Trigger gun
- Trigger gun holder
- Needle clean-out tool (included with manual packet)
- High-pressure hose
- Garden hose adapter (female coupler)
- 5-ft wet/dry vacuum hose
- Extension tubes (2)
- Furniture brush
- Crevice nozzle + dusting brush
- Wet/dry bristle brush
- Wet/dry floor brush
- Manuals with registration card

1. Carefully remove the pressure washer + wet/dry vacuum 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 your new electric pressure washer + wet/dry vacuum. The packaging is made of recyclable materials. Properly dispose of these materials in accordance with local regulations.

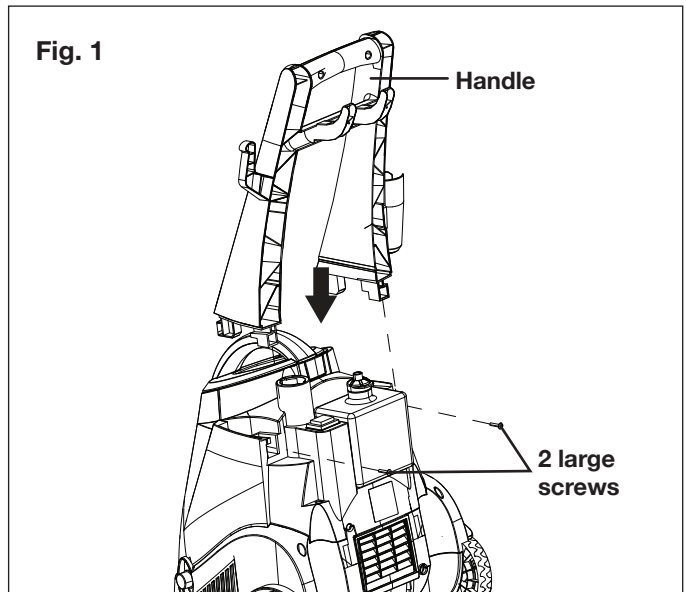
IMPORTANT! The equipment and packaging material are not toys. Do not let children play with plastic bags, foils, or small parts. These items can be swallowed and pose a suffocation risk!

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

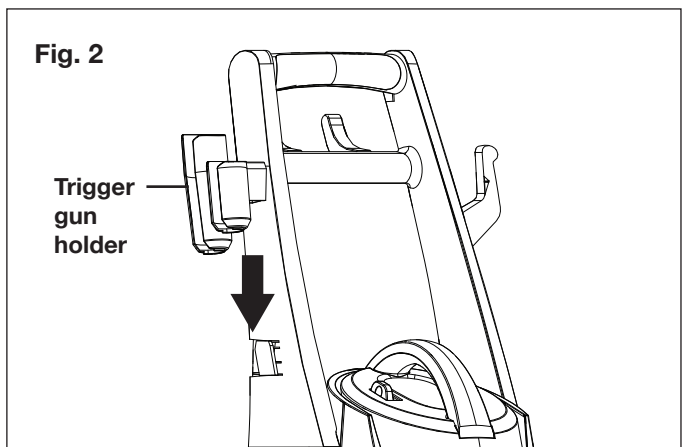
Assembly

Tools required: Phillips head screwdriver

1. Slide the holder into position and secure it to the unit with two large screws (Fig. 1).

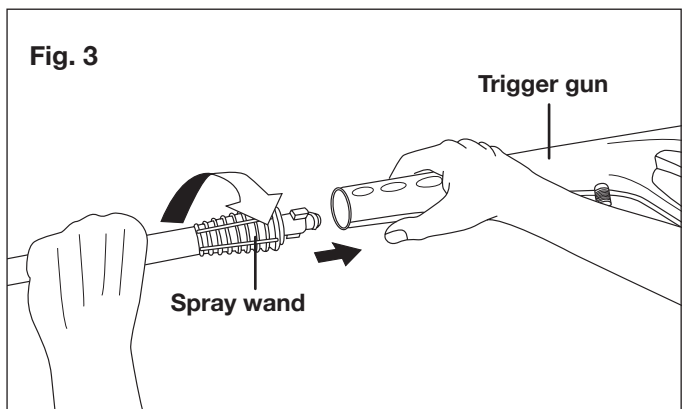


2. Slide the trigger gun holder into position (Fig. 2).

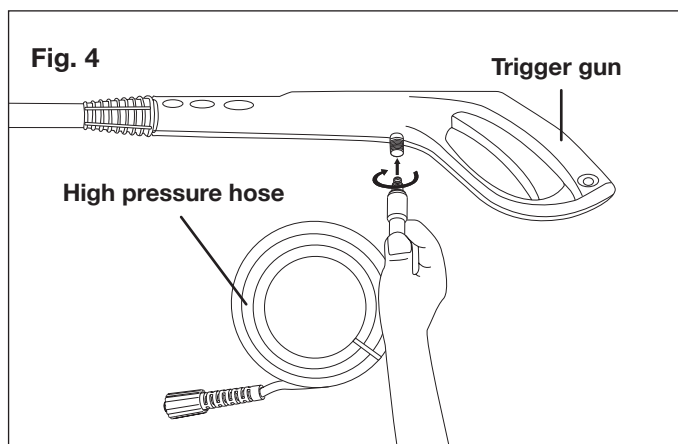


Connect as Pressure Washer

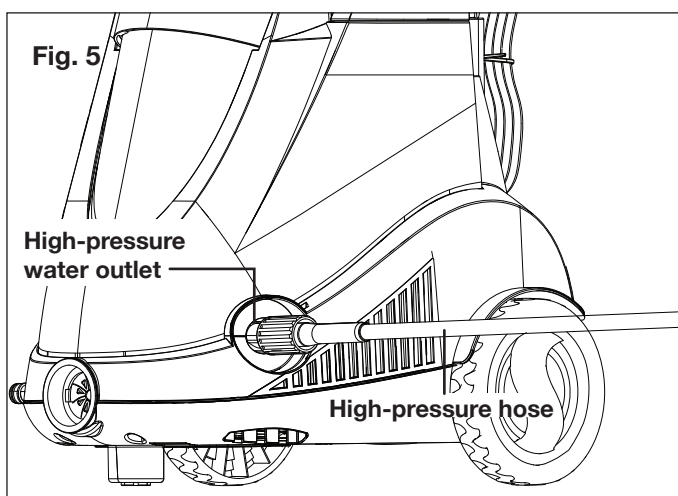
1. Fit the spray wand into the gun and rotate it until the two parts are completely locked (Fig. 3).



2. Connect the silver end of the high-pressure hose to the trigger gun and twist the nut as indicated to secure the connection (Fig. 4).



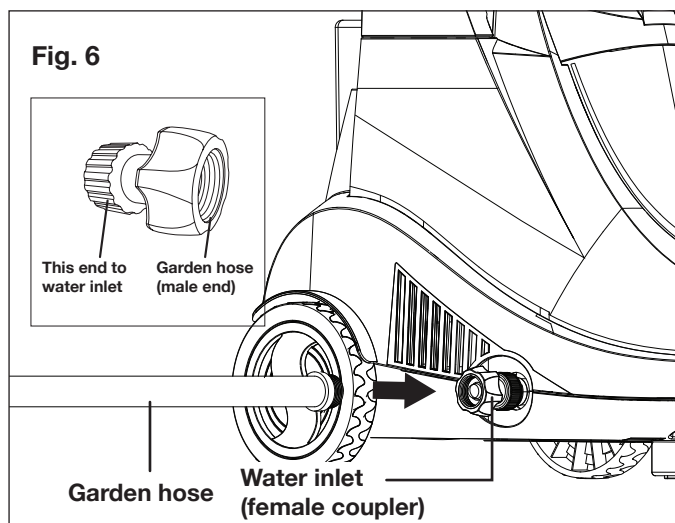
3. Connect the other end of the high-pressure hose to the water outlet on the washer and twist the black rotatable end-piece as indicated to secure the connection (Fig. 5).



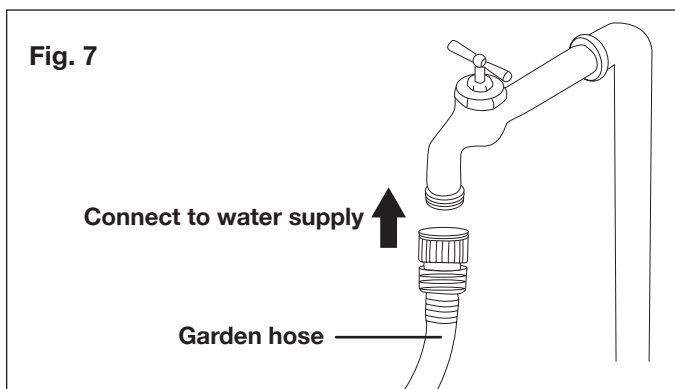
⚠ WARNING! Keep hose away from sharp objects. Bursting hoses may cause injury. Examine hoses regularly and replace if damaged. Do not attempt to mend a damaged hose.

4. Connect the garden hose adapter (female coupler) to the water inlet of the pressure washer, then thread your garden hose (male end) into the garden hose adapter (Fig. 6). The garden hose must have an internal diameter of at least 13 mm (1/2 in.) and must be reinforced. The water supply must be at least equal to the washer delivery capacity.

NOTE: The machine is not suitable for connection to the potable water main.



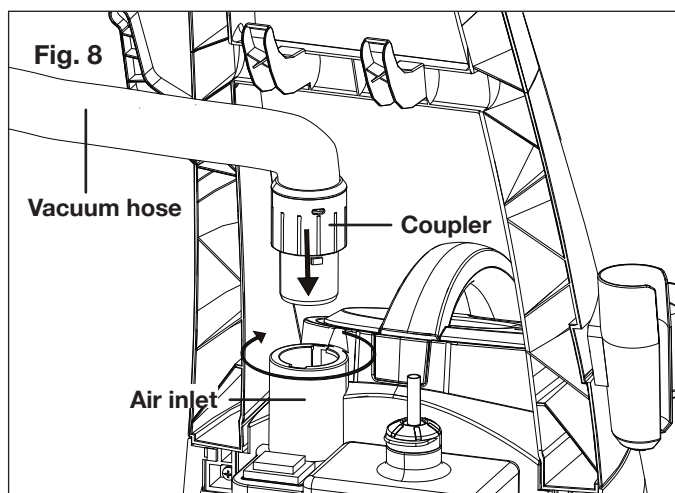
5. Attach garden hose to water supply (Fig. 7).



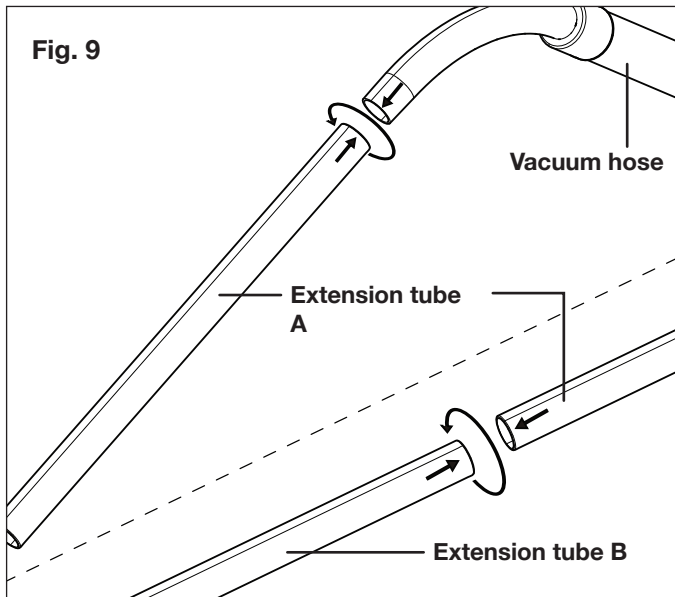
Connect as Vacuum

⚠ WARNING! Make sure the unit is not connected to power and is switched off before assembly.

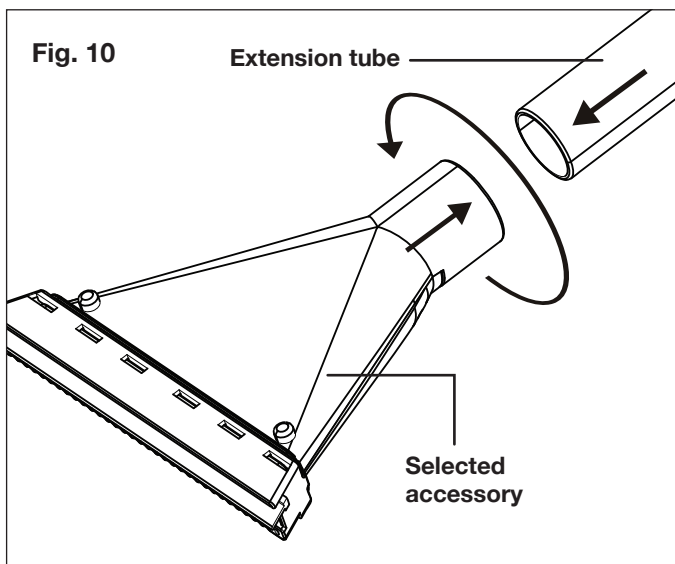
1. Insert the vacuum tube in the air inlet, turn the coupler clockwise for a secure lock (Fig. 8).



- Two extension tubes are equipped with the unit. Insert the vacuum hose into the first extension tube, and turn counterclockwise to lock. Follow the same instruction to assemble the second extension tube (Fig. 9).



- Select the desired accessory, connect it with the end of the extension tube, turn counterclockwise to lock securely. Your wet/dry vacuum is ready for use (Fig. 10).



Operation

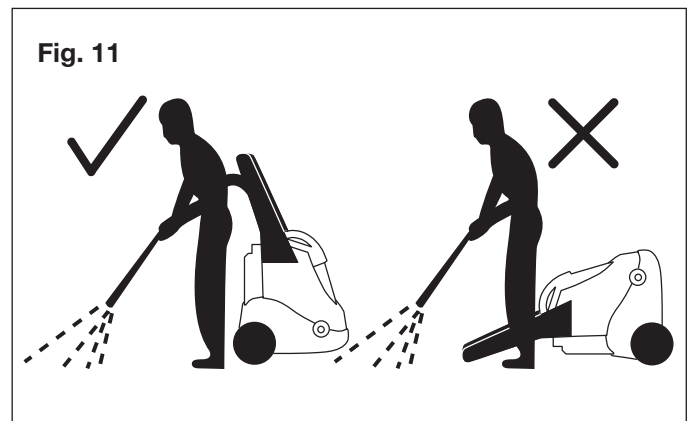
Using the Pressure Washer

⚠ WARNING! The intake water temperature must not exceed 104°F/40°C. The water supply must not exceed 0.7 MPa.

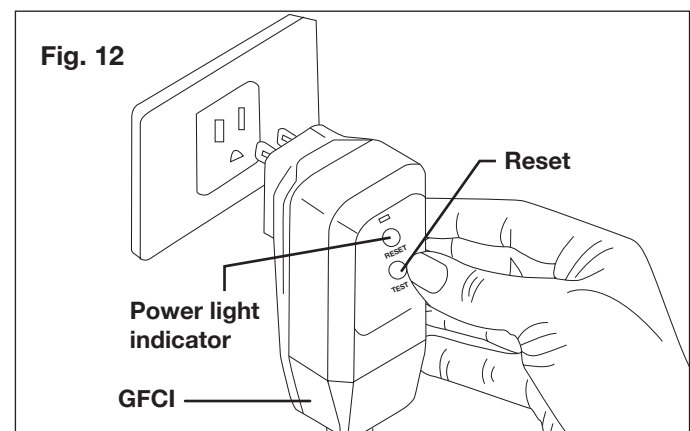
⚠ CAUTION! The washer must only be used with clean water; use of unfiltered water containing corrosive chemicals will damage the washer.

⚠ IMPORTANT! This pressure washer is equipped with a micro-switch sensitive to water flow. This Total Stop System (TSS) senses water flow in the pump. When the trigger is released, water stops flowing through the pump. The TSS then automatically turns the motor off to protect the pump from overheating, thus saving energy and prolonging pump life.

- Position the washer as CLOSE as possible to the water supply.
- The washer must be used on a secure and stable surface in a standing, upright position (Fig. 11).

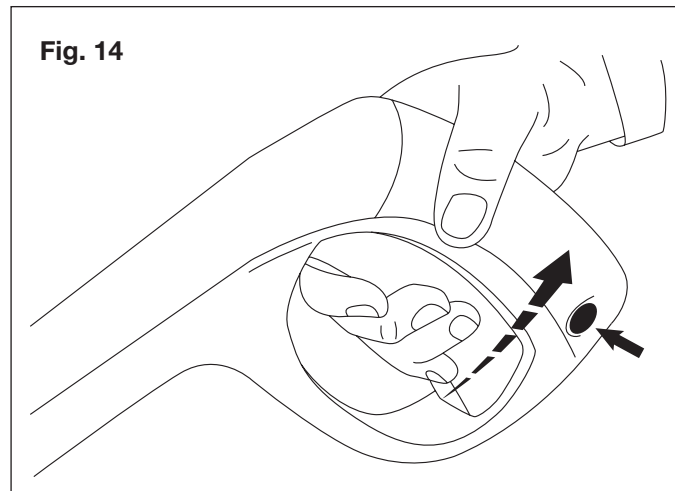
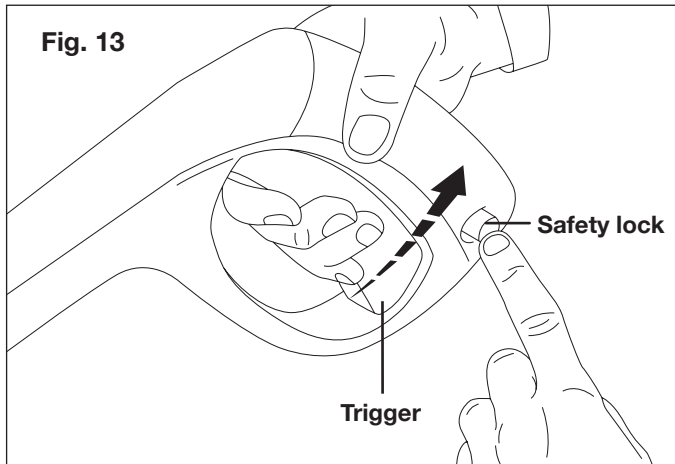


- Make sure the unit is switched off before plugging the unit into the power outlet.
- Check that the electrical supply voltage and frequency (Volt/Hz) correspond to those specified on the rating plate. If the power supply is correct, you may now plug the pressure washer into the power outlet (Fig. 12).

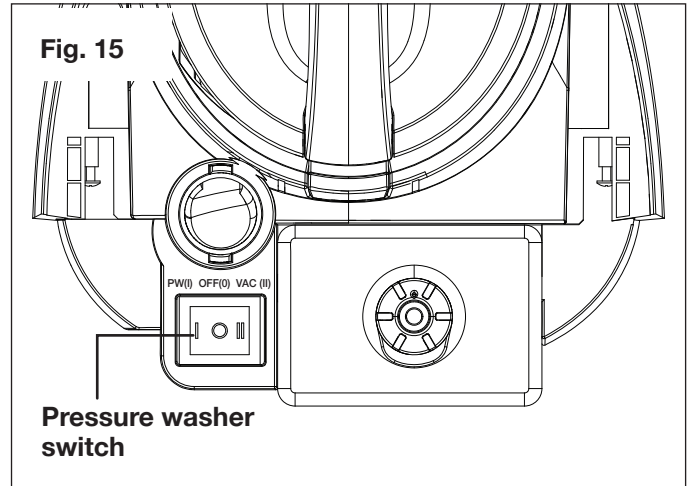


NOTE: The GFCI may need to be reset when first plugged into the electric outlet. Press the "Reset" button until the power light indicator on the GFCI illuminates when plugged in.

5. Turn the water supply tap on completely.
6. Release the safety lock, then press the trigger for a few seconds until the water flow is steady. Operating the pressure washer in this manner will allow air to escape and discharge residual pressure in the hose (Figs. 13 – 14).



7. Keeping the trigger pressed, push the PW(I) side of the ON/OFF switch (Fig. 15).



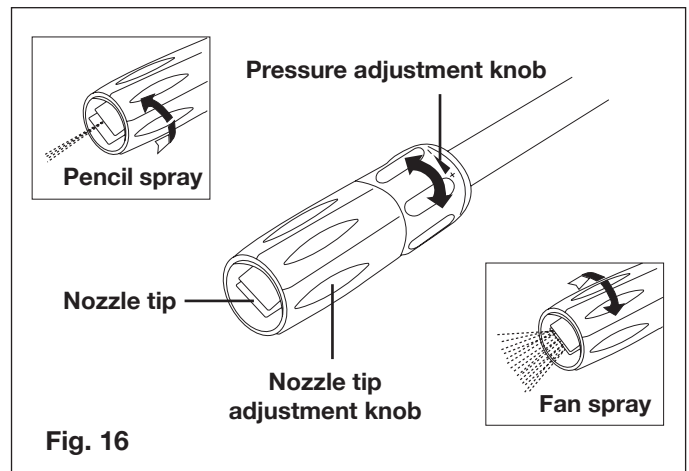
8. When re-starting the motor, always keep the trigger pressed.

NOTE: The motor only runs when the trigger is operated and shuts off when the trigger is released.

Using the adjustable spray nozzle

⚠ WARNING! High-pressure jets can be dangerous if subject to misuse. The jet must not be directed at persons, pets, live electrical equipment, or the appliance itself.

1. The washer is equipped with an adjustable nozzle.
2. The water pressure can be adjusted from low pressure (–) to high pressure (+) by turning the pressure adjustment knob. The nozzle tip can be adjusted from pencil spray (wide open tip) to fan spray (narrow tip) by turning the nozzle tip adjustment knob (Fig. 16).



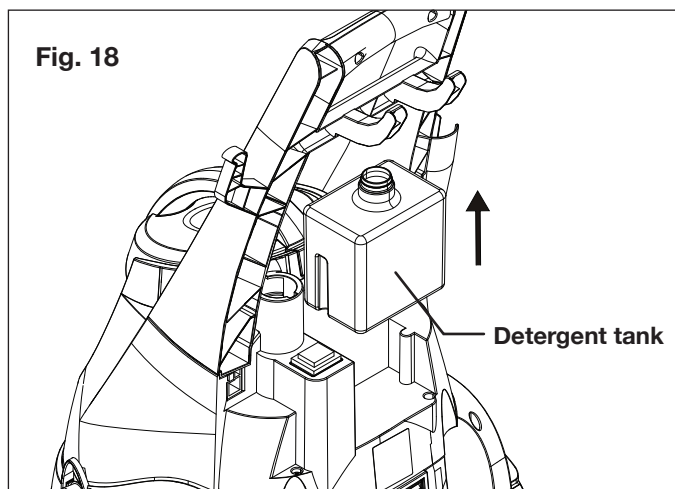
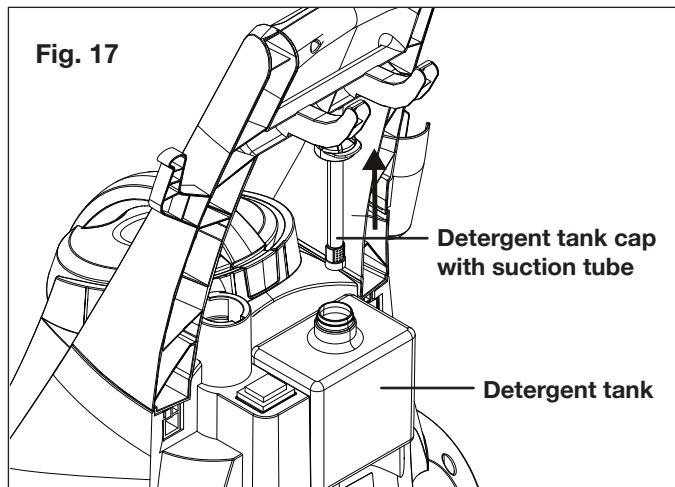
⚠ WARNING! Do not adjust the nozzle while the trigger is squeezed. Doing so could result in damage.

Working with Detergents

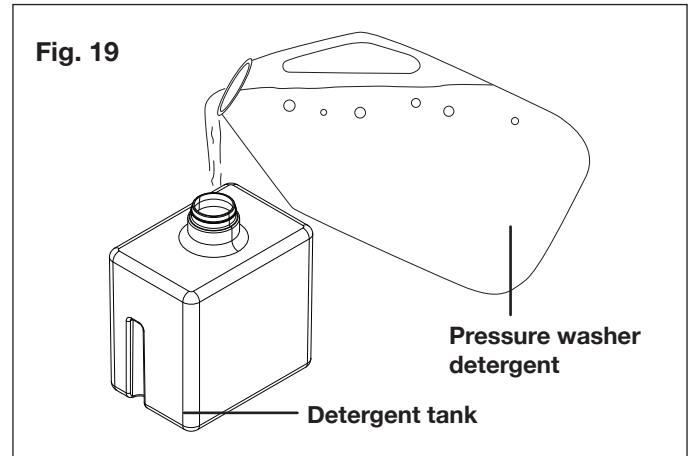
When cleaning with the pressure washer, some cleaning tasks can be solved with water alone, but for most tasks cleaning with detergent allows for more effective dirt removal.

⚠ WARNING! Use only detergents specifically designed for use with pressure washers, such as Sun Joe® HOUSE + DECK WASH (SPX-HDC1G), Sun Joe® SNOW FOAM AUTO WASH (SPX-FCS1G), or Sun Joe® HEAVY DUTY CLEANER (SPX-APC1G). **DO NOT USE** household detergents, acids, alkaline solutions, bleaches, solvents, flammable material, or industrial grade solutions. These could damage the pressure washer. Many detergents may require mixing prior to use. Prepare the cleaning solution as instructed on the solution bottle.

1. Set the adjustable nozzle to the fan-spray setting (Fig. 16).
2. Remove the detergent compartment cap with suction tube. Gently pull the onboard detergent compartment out of its storage position. (Figs. 17 – 18).



3. Fill the tank with detergent designed specifically for use with pressure washers (Fig. 19).



4. Insert the suction tube back into the tank and cap the tank closed. Push the tank back into storage position on the unit.

⚠ CAUTION! Always test the detergent in an inconspicuous area before use.

5. Turn on the pressure washer. Pull the trigger to operate the unit. The liquid detergent will automatically mix with water and be discharged through the nozzle.
 6. Apply detergent from the bottom to the top of the dry surface to be cleaned.
- NOTE:** Wetting the surface first is not recommended as it dilutes the detergent and reduces its cleaning ability.
7. Allow the detergent to remain on the surface for a short time before rinsing. Do not allow the detergent to dry on the surface.

⚠ CAUTION! Damage may occur to painted surfaces if the detergent is allowed to dry on the surface. Wash and rinse a small section at a time. Avoid working on hot surfaces or in direct sunlight.

8. Rinse with clean water under high pressure. When working on a vertical surface, rinse from the bottom up, then rinse from the top down to avoid streaking. Hold the nozzle 6-8 inches away from the work surface at a 45° angle.
9. When you have finished using the detergent injection system, remove the detergent suction tube from the detergent tank and insert it into 1.3 gal (5 L) of fresh water. Siphon water for one minute so that all the detergent is flushed through the system. Remove the detergent tank and rinse it until it is thoroughly cleaned.

⚠ CAUTION! Failure to follow these cleaning instructions will cause the injection system to become clogged and inoperable.

⚠️ IMPORTANT! NEVER USE:

- Bleach, chlorine products, and other corrosive chemicals
- Liquids containing solvents (e.g. paint thinners, gasoline, oils)
- Tri-sodium phosphate products
- Ammonia products
- Acid-based products

These chemicals will harm the unit and will damage the cleaning surface.

Shutting down

1. Turn the switch to the OFF (0) position and unplug the power cord from the outlet.
2. Turn off the water source.
3. Hold the trigger to release water pressure.
4. Disconnect the garden hose from the water inlet on the unit.
5. Disconnect the high-pressure hose connection on the trigger gun handle.
6. Release the trigger and engage the gun safety lock.

⚠️ WARNING! Turn off the water supply and squeeze the trigger to depressurize the unit. Failure to do so could result in personal injury due to discharge of high-pressure water.

Taking a break

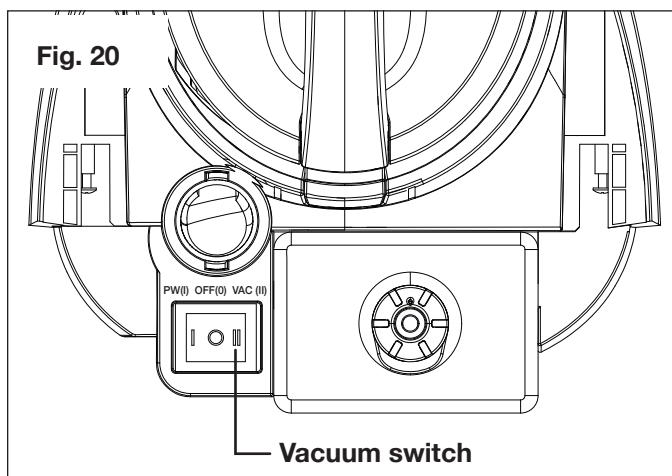
If you are taking a break of five minutes or more between cleaning tasks:

1. Engage the gun safety lock (Fig. 13).
2. Turn the switch to the OFF (0) position.
3. Unplug the power cord from the outlet.

Using the Wet/Dry Vacuum

⚠️ WARNING! This equipment incorporates parts such as switches, motors or the like that tend to produce arcs or sparks that can cause an explosion. Do not pick up flammable, combustible, or hot materials. Do not use around explosive liquids or vapors, as electrical devices produce arcs or sparks which can cause a fire or explosion – do not use at filling stations or anywhere gasoline is stored or dispensed.

1. Make sure the filter is installed before starting.
2. Make sure the dust compartment and the vacuum hose are installed properly and locked securely.
3. Install the desired cleaning accessory onto the end of the hose. Use the extension tubes if needed.
4. Check that the electrical supply voltage and frequency (Volt/Hz) correspond to those specified on the rating plate. If the power supply is correct, you may now plug the vacuum into the power outlet (Fig. 12).
5. Push the VAC(II) side of the ON/OFF switch (Fig. 20).

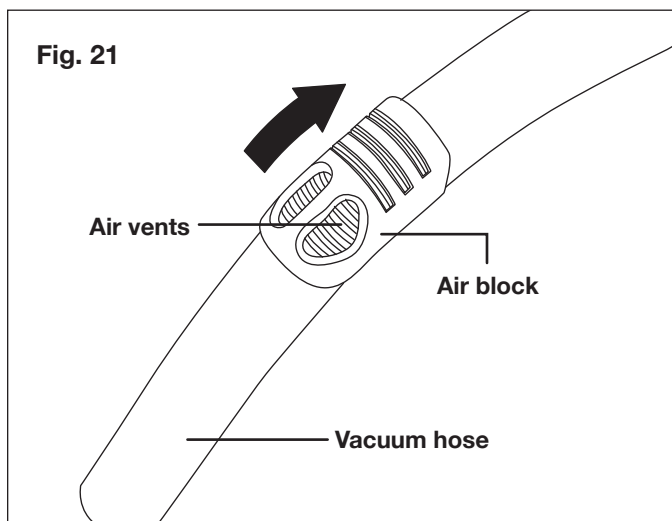


6. After the vacuum job is done, push the OFF(O) position of the switch, unplug the power cord. Disassemble and store all the vacuum accessories.

Adjust the Air Flow

The air flow of the unit is adjustable through the air block located on the end of the vacuum hose. To adjust the air flow, following the instruction below.

1. Remove the extension tube from the vacuum hose to expose the air block.
2. To reduce the air flow, slide up the air block to expose the air vent on the vacuum hose, the suction power will be reduced. To increase the air flow, slide down the air block to cover the air vent, the suction power will be increased (Fig. 21).

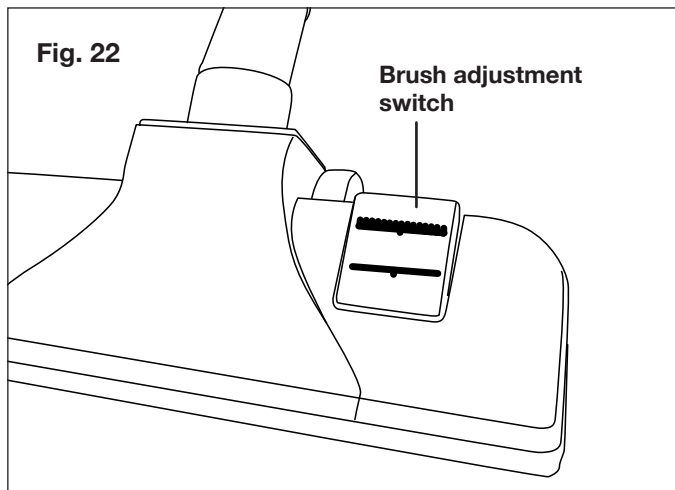


3. Reassemble the extension tubes and selected accessory and resume working.

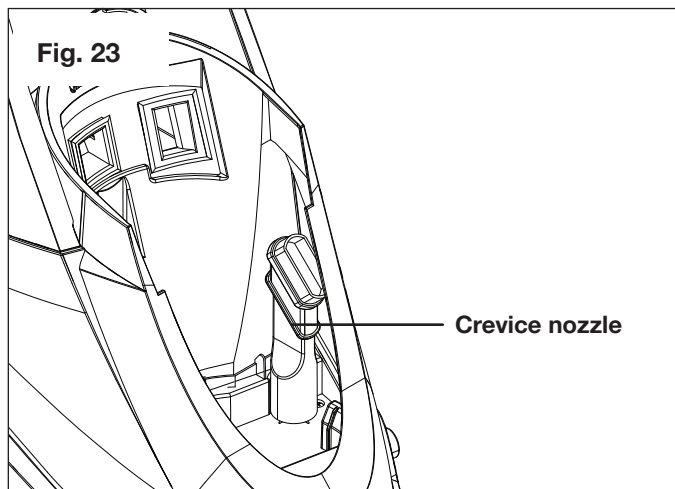
Using the Equipped Attachments

The unit is equipped with 4 attachments: utility nozzle, wet/dry floor brush, crevice nozzle, and wet/dry furniture brush. Choose different attachment based on the specific cleaning project you are working on.

1. The wet/dry floor brush can be adjusted to extend out or retract in. Simply follow the symbol on the brush switch to adjust the brush (Fig. 22).



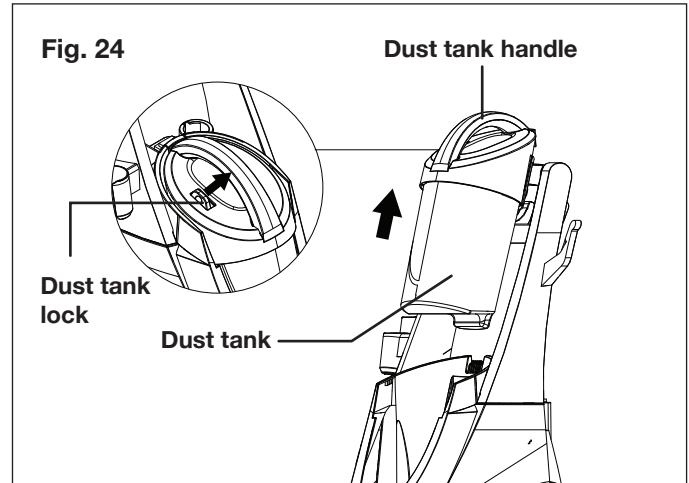
2. The crevice nozzle can be stored inside of the unit with the dust tank being removed (Fig. 23). Make sure to remove the stored crevice nozzle and lock in the dust tank before using the unit.



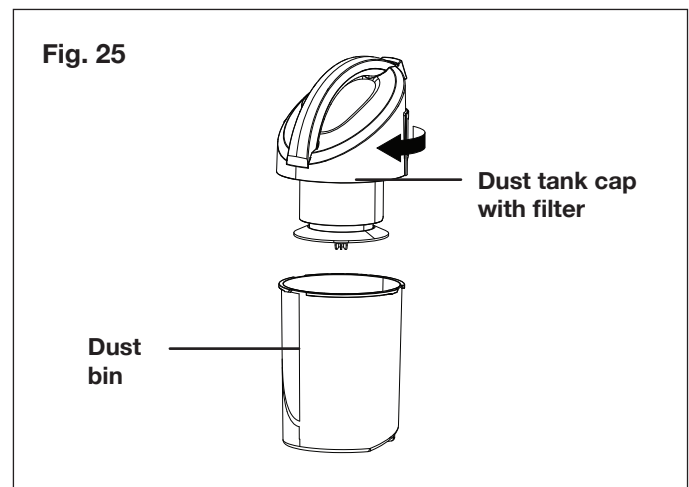
Clean the Dust Tank

The dust tank needs to be cleaned every time after using to avoid deterioration and obstructing air flow, which will reduce the performance of the vacuum. Follow the instructions below to clean the dust tank

1. Switch off and unplug the unit.
2. Push the dust tank lock inside and pull out the dust tank at the same time (Fig. 24).



3. Grab the dust tank handle and turn counterclockwise, the dust tank cap with filter will be removed from the dust bin (Fig. 25).



4. Remove any debris or dust from the dust bin. Rinse the dust bin with warm water if needed. Replace it back and lock securely before using.

Storage

⚠ CAUTION! Always store your pressure washer + wet/dry vacuum in a location where the temperature will not fall below 32°F (0°C). The pump in this machine is susceptible to permanent damage if it freezes. **FREEZE DAMAGE IS NOT COVERED BY THE WARRANTY.**

- Store the pressure washer + wet/dry vacuum indoors in a dry, covered area where it is not subject to adverse weather conditions.
- It is important to store this product in a frost-free area.
- Always empty water from the dust bin, all hoses, the pump, and the detergent bottle (if using) before storing.

⚠CAUTION! The use of a pump protector is recommended to prevent cold weather damage during storage over the winter months.

Winterizing + long-term storage

If you must store your pressure washer + wet/dry vacuum in a location where the temperature falls below 32°F (0°C), you can minimize the chance of damage to your machine by utilizing the following procedure:

- Disconnect all water connections.
- Turn on the machine as pressure washer for a few seconds until the remaining water in the pump exits. Turn off immediately.
- Do not allow the high-pressure hose to become kinked.
- Store the machine and accessories in a room that does not reach freezing temperatures.
- Do not store near a furnace or other sources of heat that may dry out the pump seals.
- Operate the pressure washer with non-corrosive/non-toxic anti-freeze, a pump saver, or a pump protector before storing for the winter.

⚠WARNING! Before reusing, completely flush the unit out with clear water. Anti-freeze products can damage paintwork, so you must ensure there is no anti-freeze left in the system before using it again.

Maintenance

⚠CAUTION! Before working on the pressure washer + wet/dry vacuum, disconnect the plug from the power supply socket.

Clean the Adapter Filter and the Nozzle

1. To ensure good performance, check and clean the adapter filter (Fig. 26). Remove the filter and rinse with warm water to prevent any foreign matter from clogging the pump (Fig. 27).

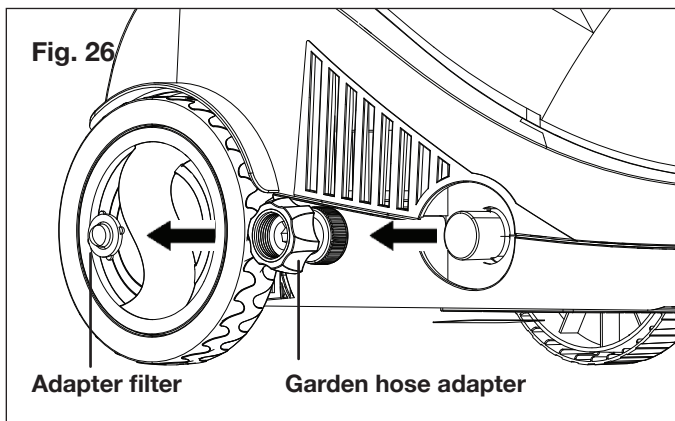
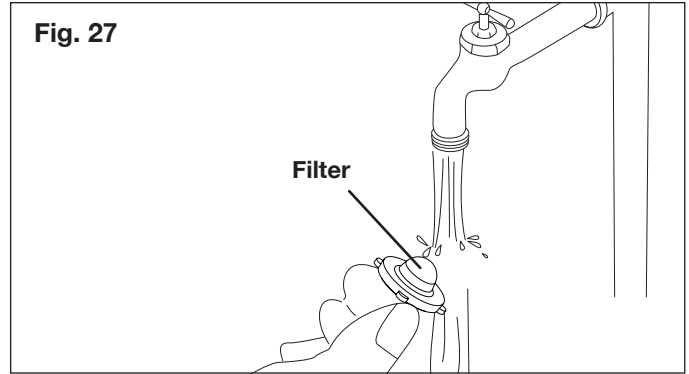
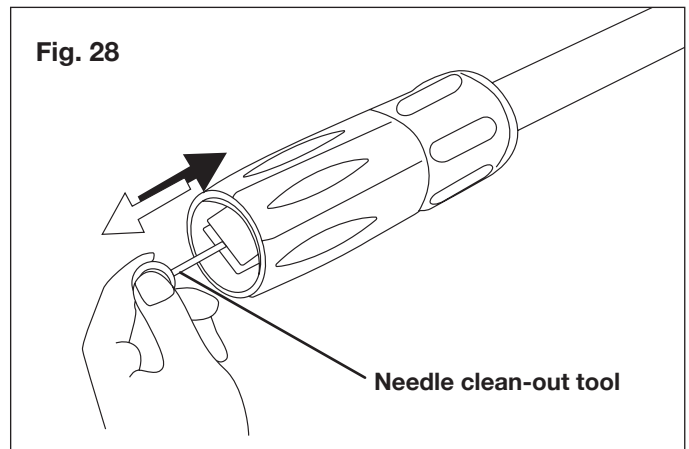


Fig. 27



2. Clean the nozzle with the needle clean-out tool provided (Fig. 28). Remove the spray wand from the gun; remove any dirt from the nozzle hole and rinse.

Fig. 28



Clean and Change the Dust Filter

⚠WARNING! Use only original manufacturer's replacement parts, accessories and attachments. Failure to do so can cause possible injury and poor performance.

To order genuine replacement parts or accessories for the Sun Joe® SPX7000E electric pressure washer + wet/dry vacuum, please visit sunjoe.com or contact the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).

1. Remove the dust tank from the unit, and separate the dust bin and dust tank cap with filter (Figs. 24 – 25).
2. Grab the filter handle on the bottom, screw clockwise to remove the dust tank cap from the old filter assembly (Fig. 29).

Fig. 29

The diagram shows two components. The top component is the **Dust tank cap**, which is a cylindrical cap with a strap. The bottom component is the **Filter assembly**, which consists of a cylindrical filter with a **Filter handle** at the bottom. Two large black arrows point from the filter assembly towards the dust tank cap, indicating the direction of assembly.

Dust tank cap

Filter assembly

Filter handle

- Fig. 30**
-
- The diagram illustrates the assembly of a water filter. At the bottom is a cylindrical container labeled 'Filter'. Above it is a spherical component labeled 'Floating ball'. At the top is a circular component labeled 'Retainer' with six small protrusions around its perimeter. Dashed lines indicate the vertical alignment and assembly path of these components.

Recycling the Pressure Washer + Wet/ Dry Vacuum

- ## Service + Support

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.

Model #: S P X 7 0 0 0 E

Serial #:


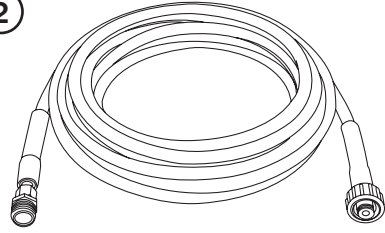
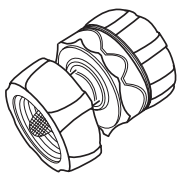
Troubleshooting

- Disconnect the unit from the electrical power supply before carrying out maintenance on the machine or when checking that its parts are in proper working order.
- To avoid unnecessary hassles, consult the following table before contacting customer service with any mechanical issues.

Problems	Possible Cause	Possible Solution
Machine refuses to start	<ul style="list-style-type: none"> • Power failure/machine not plugged into a working receptacle. • Defective socket. • Fuse has blown. • Defective extension cord. 	<ul style="list-style-type: none"> • Check to make sure machine is plugged into a working outlet. • Check the power cord and reset the GFCI. Try a different outlet. • Replace fuse. Switch off any other machines that are using the same circuit. • Try the unit without an extension cord.
Fluctuating pressure	<ul style="list-style-type: none"> • Pump sucking air. • Valves dirty, worn out, or stuck. • Pump seals worn out. 	<ul style="list-style-type: none"> • Check the hoses and connections are airtight. • Clean or replace valves/seals. • Please call the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563) for assistance.
Machine stops	<ul style="list-style-type: none"> • Fuse has blown. • Incorrect mains voltage. • Thermal sensor activated. • Nozzle partially blocked. 	<ul style="list-style-type: none"> • Replace fuse. Switch off other machines using the same circuit. • Check that the mains voltage corresponds to specification on the model tag. • Leave the washer for 5 minutes to cool down. • Clean the nozzle.
Fuse blows	<ul style="list-style-type: none"> • Fuse too small. 	<ul style="list-style-type: none"> • Install a fuse with a higher amp rating than the amp consumption of the machine. Try the unit without an extension cord.
Machine pulsating	<ul style="list-style-type: none"> • Air in inlet hose. • Inadequate supply of mains water. • Nozzle partially blocked. • Water filter blocked. • Hose kinked. 	<ul style="list-style-type: none"> • Allow machine to run by holding the trigger until regular working pressure resumes. • Check that the water supply corresponds to the specifications required. • WARNING! Avoid using long, thin hoses (minimum 1/2 in. diameter). • Clean the nozzle. • Clean the water inlet filter. • Straighten out the hose to remove any kinks/blockages.
Machine often starts and stops by itself	<ul style="list-style-type: none"> • Pump/spray gun is leaking. • Trigger mechanism is broken. 	<ul style="list-style-type: none"> • Please call the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563) for assistance.
Machine starts, but no water comes out	<ul style="list-style-type: none"> • Pump/hoses or accessories frozen. • No water supply. • Water inlet filter blocked. • Nozzle blocked. 	<ul style="list-style-type: none"> • Wait for pump/hoses or accessories to thaw. • Connect inlet water. • Clean the water inlet filter. • Clean the nozzle.

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 pressure washer + wet/dry vacuum. Contact Snow Joe® + Sun Joe® if you are unsure whether it is safe to use a particular replacement part or accessory with your pressure washer + wet/dry vacuum. The use of any other attachment or accessory can be dangerous and could cause injury or mechanical damage.

Accessories	Item	Model
1 	<p>Sun Joe® House + Deck All-Purpose Pressure Washer Rated Concentrated Cleaner</p> <p>Sun Joe® Premium Snow Foam Pressure Washer Rated Car Wash Soap + Cleaner</p> <p>Sun Joe® All-Purpose Heavy Duty Pressure Washer Rated Cleaner + Degreaser</p>	<p>SPX-HDC1G</p> <p>SPX-FCS1G</p> <p>SPX-APC1G</p>
2 	<p>25-Foot Medium-duty Extension Hose for SPX Pressure Washer Series</p>	<p>SPX-25H</p>
3 	<p>Solid Brass Universal Quick Connector (Garden Hose to Pressure Washer Adapter)</p>	<p>SPX-UQC</p>

Sun Joe's complete line of premium pressure washer accessories and attachments make it easy to get your dirty work done, and also help you get the most out of your model!

SHOP ONLINE now at sunjoe.com

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 sunjoe.com or via phone by contacting the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).

[illegible]



SNOW JOE® + SUN JOE® CUSTOMER PROMISE

ABOVE ALL ELSE, Snow Joe® + Sun Joe® are dedicated to you, our customer. We strive to make your experience as pleasant as possible. Unfortunately, there are times when a product does not work or breaks under normal operating conditions. We think it's important that you know what you can expect from us. That's why we created the Snow Joe® + Sun Joe® promise.

OUR PROMISE: Snow Joe® + Sun Joe® warrant new products for two years from the date of purchase. If your product does not work, or there's an issue with a specific part, we will fix this by either sending you a free replacement part or by sending you a new or comparable product at no charge. How cool is that! Before you know it, you'll be back in action cutting, sawing, mowing, washing and...?

PRODUCT REGISTRATION:

Snow Joe®, LLC ("Snow Joe® + Sun Joe®") strongly encourages you to register your purchase. You can register online at snowjoe.com/ProductRegistration, or by printing and mailing in a registration card available online from our website, or calling our Customer Service Department at **1-866-SNOWJOE (1-866-766-9563)**, or by e-mailing us at help@snowjoe.com. Failure to register your product purchase will not diminish your warranty rights. However, registering your purchase will allow Snow Joe® + Sun Joe® to better serve you with any of your customer service needs.

WHO CAN SEEK WARRANTY COVERAGE?

This Warranty is extended by Snow Joe® + Sun Joe® to the owner of this Machine (a "Machine" consists of a product powered by a motor) for residential and personal household use only. This Warranty does not apply to products used for commercial, rental or re-sale purposes. Should ownership of this machine change during the 2-year period, please update the Machine's owner information at snowjoe.com/ProductRegistration.

WHAT IS COVERED?

Snow Joe® + Sun Joe® warrants to the owner that if this Machine fails within 2 years from the date of purchase due to a defect in material or workmanship or as a result of normal wear and tear from ordinary household use, Snow Joe® + Sun Joe® will send a replacement part or product, as needed, free of charge and with free shipping to the original purchaser.

If, in Snow Joe® + Sun Joe®'s sole discretion, the failed Machine cannot be repaired with a part, Snow Joe® + Sun Joe® will elect to either (A) send a new Machine at no charge and with free shipping or (B) refund the full purchase price to the owner.

WHAT IS NOT COVERED?

This Warranty does not apply to the Machines that have been used commercially or in non-household applications. This Warranty does not cover cosmetic changes that do not affect performance. This Warranty is only valid if the Machine is used and maintained in accordance with the instructions, warnings and safeguards contained in the owner's manual. Snow Joe® + Sun Joe® will not be responsible for the cost of any unauthorized warranty repairs. 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.

Wearing parts like belts, augers, chains and tines are not covered under this warranty, and 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.

Repair, replacement or refund of the purchase price are the exclusive remedies of purchaser and the sole liability of Snow Joe® + Sun Joe® under this warranty. No employee or representative of Snow Joe® + Sun Joe® is authorized to make any additional warranty or any modification to this warranty which may be binding upon Snow Joe® + Sun Joe®. Accordingly, purchaser should not rely upon any additional statements made by any employee or representative of Snow Joe® + Sun Joe®. In no event, whether based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise, shall Snow Joe® + Sun Joe® be liable for any special, indirect, incidental, or consequential damages, including, without limitation, loss of profit or revenue.

Some states do not allow limits on warranties. In such states, the above limitations may not apply to you.

Outside the USA, other warranties may apply.



sunjoe.com