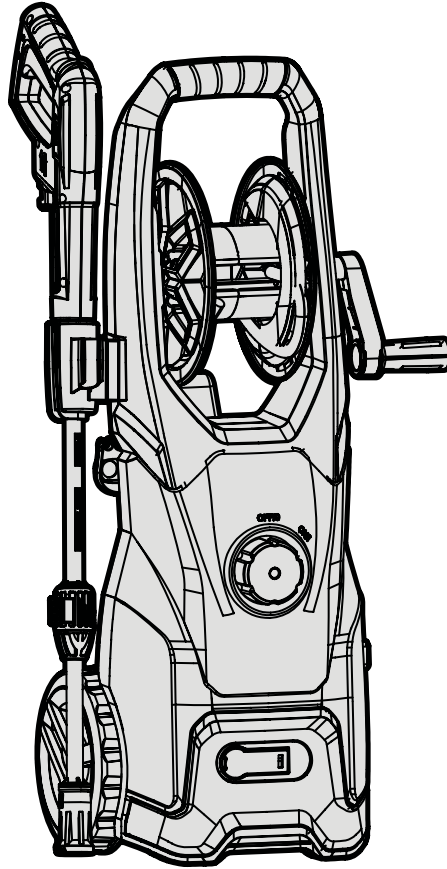




MODEL PW23V

2300 PSI ELECTRIC PRESSURE WASHER

Instruction Manual



NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:



1-847-429-9263 (M-F 8AM-5PM CST)



TECHSUPPORT@WENPRODUCTS.COM

IMPORTANT: Your new tool has been engineered and manufactured to WEN's highest standards for dependability, ease of operation, and operator safety. When properly cared for, this product will supply you years of rugged, trouble-free performance. Pay close attention to the rules for safe operation, warnings, and cautions. If you use your tool properly and for its intended purpose, you will enjoy years of safe, reliable service.

For replacement parts and the most up-to-date instruction manuals, visit ***WENPRODUCTS.COM***

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To purchase accessories and replacement parts for your tool, visit ***WENPRODUCTS.COM***

INTRODUCTION

Thanks for purchasing the WEN Electric Pressure Washer. We know you are excited to put your tool to work, but first, please take a moment to read through the manual. Safe operation of this tool requires that you read and understand this operator's manual and all the labels affixed to the tool. This manual provides information regarding potential safety concerns, as well as helpful assembly and operating instructions for your tool.

 Indicates danger, warning, or caution. The safety symbols and the explanations with them deserve your careful attention and understanding. Always follow the safety precautions to reduce the risk of fire, electric shock or personal injury. However, please note that these instructions and warnings are not substitutes for proper accident prevention measures.

NOTE: The following safety information is not meant to cover all possible conditions and situations that may occur. WEN reserves the right to change this product and specifications at any time without prior notice.

At WEN, we are continuously improving our products. If you find that your tool does not exactly match this manual, please visit **wenproducts.com** for the most up-to-date manual or contact our customer service at **1-847-429-9263**.

Keep this manual available to all users during the entire life of the tool and review it frequently to maximize safety for both yourself and others.

SPECIFICATIONS

Model Number	PW23V
Motor	120V, 60 Hz, 13A, 1800W
Rated Pressure	1650 PSI
Maximum Pressure	2300 PSI
Rated Flow Rate	1.40 GPM
Maximum Inlet Pressure	170 PSI
High Pressure Hose Length	25 Feet
Power Cord Length	35 Feet
Detergent Bottle Capacity	13.5 fl. oz. (4L)
Product Dimensions	11.6 in. x 11.1 in. x 31.0 in.
Product Weight	20.0 Pounds

GENERAL SAFETY RULES

 **WARNING!** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Safety is a combination of common sense, staying alert and knowing how your item works. The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE SAFETY INSTRUCTIONS.

WORK AREA SAFETY

- 1. Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- 2. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- 3. Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- 1. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- 2. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- 3. Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- 4. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- 5. When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

- 6. If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** Use of a GFCI reduces the risk of electric shock.

PERSONAL SAFETY

- 1. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- 2. Use personal protective equipment. Always wear eye protection.** Protective equipment such as a respiratory mask, non-skid safety shoes and hearing protection used for appropriate conditions will reduce the risk of personal injury.
- 3. Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- 4. Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- 5. Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- 6. Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.

GENERAL SAFETY RULES

 **WARNING!** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Safety is a combination of common sense, staying alert and knowing how your item works. The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE SAFETY INSTRUCTIONS.

7. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

POWER TOOL USE AND CARE

1. Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

2. Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

3. Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

4. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

5. Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

6. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

7. Use the power tool, accessories and tool bits, etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

8. Use clamps to secure your workpiece to a stable surface. Holding a workpiece by hand or using your body to support it may lead to loss of control.

9. KEEP GUARDS IN PLACE and in working order.

SERVICE

1. Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

CALIFORNIA PROPOSITION 65 WARNING

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals, including lead, known to the State of California to cause cancer, birth defects, or other reproductive harm. Wash hands after handling. Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks, cement, and other masonry products.
- 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 with approved safety equipment such as dust masks specially designed to filter out microscopic particles.

PRESSURE WASHER SAFETY WARNINGS

 **WARNING!** Do not operate the power station until you have read and understood the following instructions and the warning labels.

IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS

BEFORE OPERATION

1. Know Your Tool. Be thoroughly familiar with the controls of your pressure washer. Know how to stop the water pressure quickly by releasing the trigger, shutting off the unit, and turning off the water supply.

2. Use Suitable Components. This system is capable of producing pressure up to 2300 PSI. To avoid rupture and injury, do not operate this pressure washer with components rated less than 2300 PSI working pressure (including but not limited to spray guns, hoses, and hose connections).

3. Operating Environment. Keep bystanders, children, and animals at a safe distance away from the work area. To reduce the risk of injury, close supervision is necessary when the pressure washer is used near children. Do not operate near flammable materials or explosive vapors. Never point the spray gun at any people or animals.

4. Wear Safety Equipment. For protection against injury, wear safety goggles and ear protection. Wear rubber-soled shoes during operation to reduce the risk of electric shock.

5. Preliminary Unit Inspection. Thoroughly inspect the unit and accessories prior to operation. Make sure all the parts are secured and installed correctly. Do not use plugs or cords that show signs of damage, such as broken or cracked insulation. Have damaged items repaired or replaced as necessary. Always perform a test run the first time you use the tool or after replacing parts to ensure that the unit is functioning properly.

- This product is provided with a ground fault circuit interrupter built into the power cord plug. If replacement of the plug or cord is needed, use only identical replacement parts.

6. Malfunctioning Switch. Do not use the tool if the switch does not turn on and off. Any electrical appliance that cannot be controlled by the switch is not safe to use and must be repaired.

7. Detergent Safety. Always be aware of the dangers associated with the detergents and chemicals that you are working with. Follow the warnings and instructions that come with your detergent for proper use.

WATER SUPPLY REQUIREMENTS

1. Cold water ONLY. Use the pressure washer with cold water only. The water supply temperature must not exceed 104°F/40°C.

2. Potable Water Restrictions. When connecting the water inlet to the water supply mains, local regulations of your water company must be observed. In some areas, the unit must not be connected directly to the public drinking water supply. This is to ensure that there is no feedback of chemicals into the water supply. If connection is made to a potable water system, the system **MUST** be protected against backflow. Direct connection via a receiver tank or backflow preventer, for example, is permitted.

3. Avoiding Dirt. Always prevent debris from being drawn into the unit by using a clean water source. Dirt in the feed water will damage the unit. Your washer is pre-installed with a water filter inside the water inlet. Inspect and clean the filter regularly. Never use the pressure washer to draw in water contaminated with solvents, e.g. paint thinners, gasoline, oil, etc.

4. Water Flow. The garden hose must be at least 5/8 inch in diameter. Flow rate of water supply must not fall below 2 GPM (gallons per minute).

PRESSURE WASHER SAFETY WARNINGS

 **WARNING!** Do not operate the power station until you have read and understood the following instructions and the warning labels.

OPERATING THE PRESSURE WASHER

1. Stay Alert. Watch what you are doing and use common sense when operating your tool. Do not use the tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention during operation may result in serious bodily injury.

2. Injection Hazard. The high pressure stream of water can cut through skin and cause serious injury. Keep clear of the nozzle. Never direct the discharge stream at any bystanders, animals, or yourself.

3. Risk of Explosion. Do not operate the pressure washer in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Do not spray flammable liquids.

4. Risk of Electric Shock. Do not spray electrical apparatus and wiring. Do not spray the power source or the outlet. Don't pressure wash the pressure washer.

5. Tool Purpose. Learn your pressure washer's applications and limitations as well as the specific potential hazards related to this machine. Only use the pressure washer for its intended purposes. Otherwise, you may cause mechanical defects, serious damage or personal injury.

6. Do not Overreach. Keep proper footing and balance at all times. This enables better control of the unit in unexpected situations and will also prevent you from falling down and embarrassing yourself in front of your cool neighbor Greg. When stepping backwards, be cautious of any obstacles beneath your feet or behind you in order to avoid falling.

7. Avoid Accidental Start-ups. Make sure the power switch is in the OFF position before connecting the plug to a power source or carrying the pressure washer. Engage the gun safety lock whenever the machine is not in use.

8. Gun Kicks Back. Hold the gun firmly with both hands. Kickback from operation can cause the user to fall down. Always operate the pressure washer on a level and non-elevated surface to prevent the risk of falling.

9. Shut Down The Unit. Never leave your unit running while unattended. Unplug the unit before leaving for extended periods of time.

10. Maintenance. Before cleaning, changing accessories, or performing any maintenance, shut off and disconnect the unit from the electrical supply, then relieve pressure in the washer by squeezing the trigger to empty the washer of any residual water.

11. Storage. Store your machine and accessories indoors. Never store the pressure washer outdoors. If the pump freezes, permanent damage may result. Always keep tools clean and in good working order.

12. Replacement Parts. Use only identical replacement parts. Use of any other part can cause personal injury and damage to the tool. Only have your pressure washer serviced by a qualified repair person.

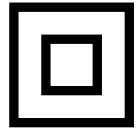
 **WARNING!** To reduce the risk of electrocution, keep all connections dry and off the ground. Do not touch the plug with wet hands.

 **CAUTION!** To prevent damage to the pressure washer, do not allow it to operate dry. Before starting the pressure washer, make sure that it has a steady supply of water.

ELECTRICAL INFORMATION

DOUBLE-INSULATED TOOL

The tool's electrical system is double-insulated where two systems of insulation are provided. This eliminates the need for the usual three-wire grounded power cord. Double-insulated tools do not need to be grounded, nor should a means for grounding be added to the product. All exposed metal parts are isolated from the internal metal components with protecting insulation.



IMPORTANT: Servicing a double-insulated product requires extreme care and knowledge of the system, and should be done only by qualified service personnel using identical replacement parts. Always use original factory replacement parts when servicing.

1. Polarized Plugs. To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a proper outlet. Do not modify the machine plug or the extension cord in any way.

2. GROUND FAULT CIRCUIT INTERRUPTER PROTECTION (GFCI). This pressure washer is provided with a ground-fault circuit-interrupter (GFCI) built into the plug of the power-supply cord. This device provides additional protection from the risk of electric shock. Should replacement of the plug or cord become necessary, use only identical replacement parts that include GFCI protection.

3. Use of an extension cord with this product is NOT RECOMMENDED. If an extension cord must be used, use only a UL-, CSA-, or ETL-certified extension cord that is certified for outdoor use, in order to prevent electric shock. These cords are usually identified by a marking, "Acceptable for use with outdoor appliances; store indoors when not in use."

4. Service and repair. To avoid danger, electrical appliances must only be repaired by a qualified service technician using original replacement parts.

GUIDELINES AND RECOMMENDATIONS FOR EXTENSION CORDS

If using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage, resulting in loss of power and overheating. The table below shows the correct size to be used according to cord length and ampere rating. When in doubt, use a heavier cord. The smaller the gauge number, the heavier the cord.

AMPERAGE	REQUIRED GAUGE FOR EXTENSION CORDS			
	25 ft.	50 ft.	100 ft.	150 ft.
13A	14 gauge	12 gauge	Not Recommended	

1. Examine extension cord before use. Make sure your extension cord is properly wired and in good condition. Always replace a damaged extension cord or have it repaired by a qualified person before using it.

2. Do not abuse extension cord. Do not pull on cord to disconnect from receptacle; always disconnect by pulling on plug. Disconnect the extension cord from the receptacle before disconnecting the product from the extension cord. Protect your extension cords from sharp objects, excessive heat and damp/wet areas.

3. Use a separate electrical circuit for your tool. This circuit must not be less than a 12-gauge wire and should be protected with a 15A time-delayed fuse. Before connecting the motor to the power line, make sure the switch is in the OFF position and the electric current is rated the same as the current stamped on the motor nameplate. Running at a lower voltage will damage the motor.

UNPACKING & PACKING LIST

UNPACKING

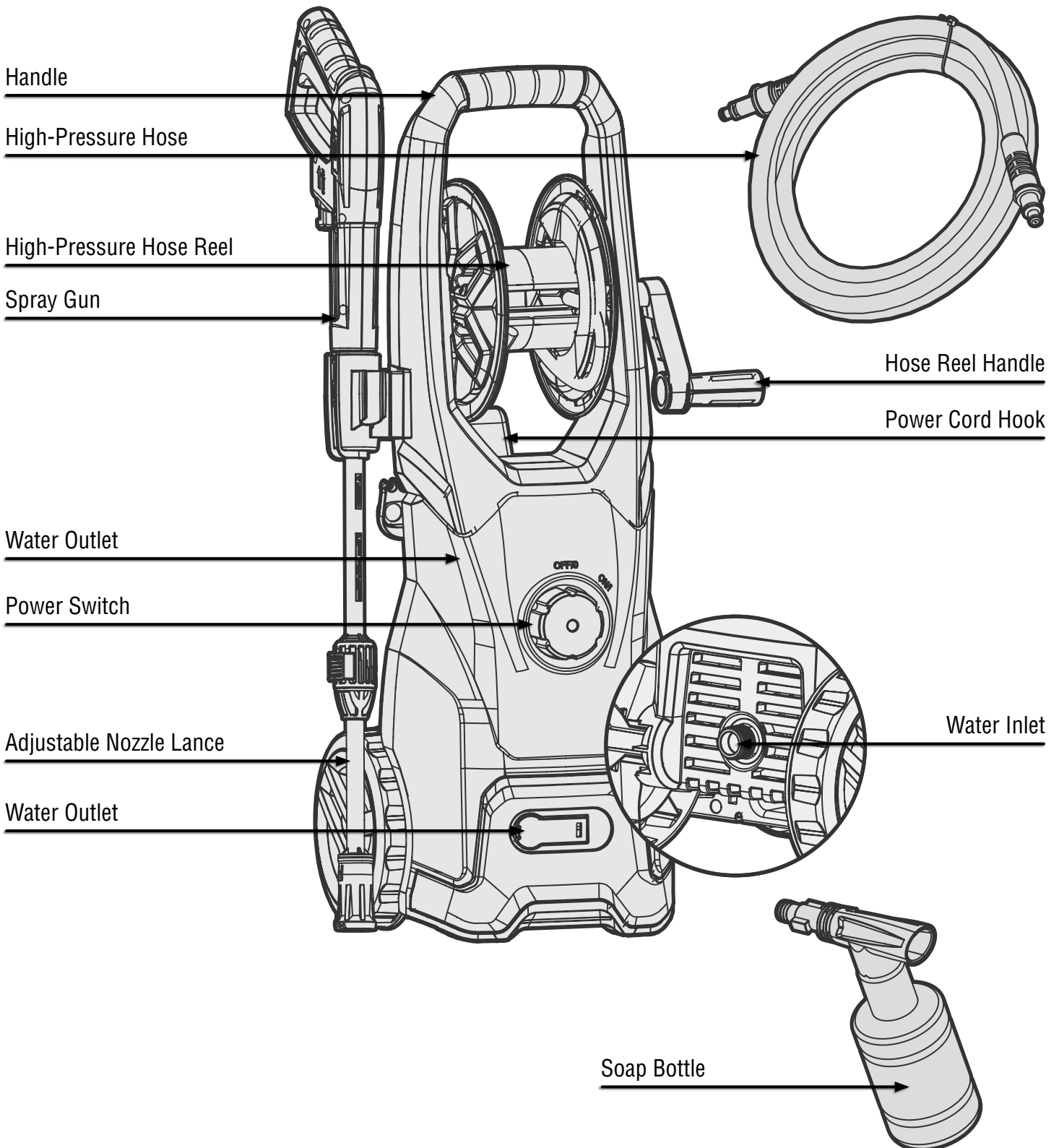
Carefully remove the electric pressure washer from the packaging and place it on a sturdy, flat surface. Make sure to take out all contents and accessories. Do not discard the packaging until everything is removed. Check the packing list below to make sure you have all of the parts and accessories. If any part is missing or broken, please contact customer service at **1-847-429-9263** (M-F 8-5 CST), or email **techsupport@wenproducts.com**.

DESCRIPTION	QNTY.
Electric Pressure Washer	1
Handle	1
Accessories Holder	1
Power Cord Hook	1
Wheels	2
Feet	2
Soap Bottle	1
Adjustable Nozzle Lance	1
Spray Gun	1
High-Pressure Hose	1
Nozzle Cleaning Pin	1
Water Inlet Adapter	1

KNOW YOUR PRESSURE WASHER

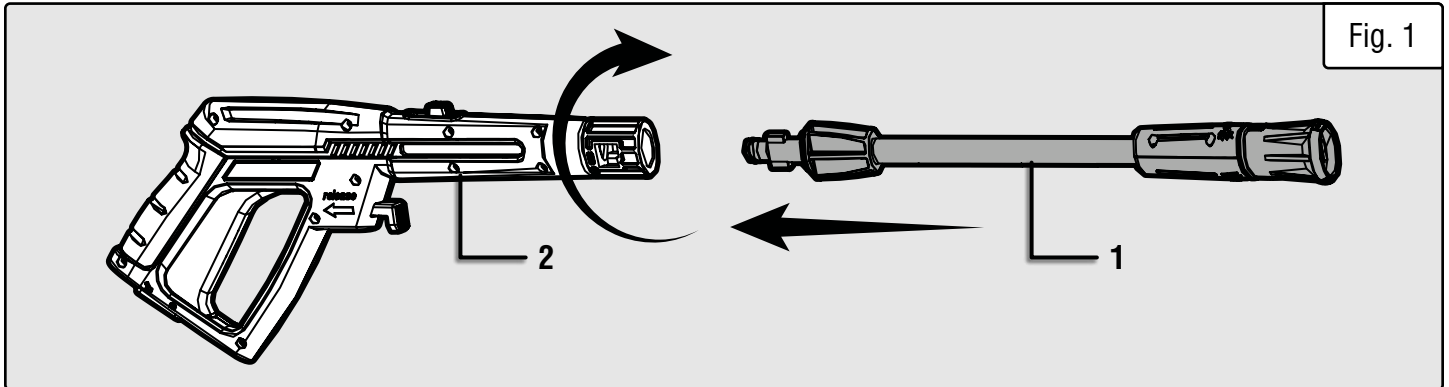
TOOL PURPOSE

Put the stains and unwanted buildup in your life under pressure with your WEN Electric Pressure Washer. Refer to the following diagrams to become familiarized with all the parts and controls of your pressure washer. The components will be referred to later in the manual for assembly and operation instructions.



ASSEMBLY & ADJUSTMENTS

⚠ WARNING! To avoid injury from accidental startups, be sure that the tool is switched OFF and disconnected from the power supply before performing assembly, inspection, or adjustments.

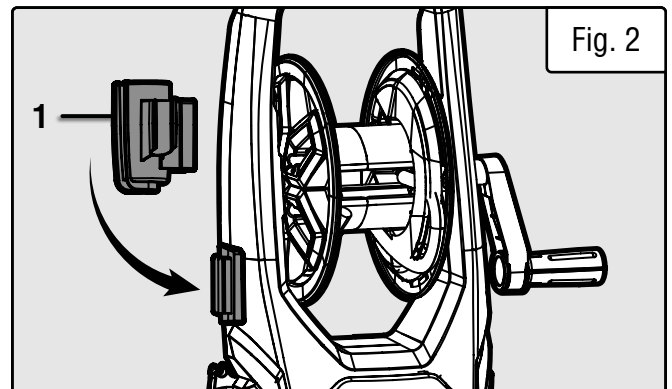


ASSEMBLING THE SPRAY GUN

1. Insert the quick-connect end of the adjustable spray lance (Fig. 1 - 1) into the spray gun (Fig. 1 - 2) as shown in Fig. 1. Turn the adjustable spray lance clockwise to lock it in place.

INSTALLING THE SPRAY GUN HOLDER

1. Install the spray gun holder (Fig. 2 - 1) onto the mounting bracket on the left side of the pressure washer as shown in Fig. 2.



ASSEMBLY & ADJUSTMENTS

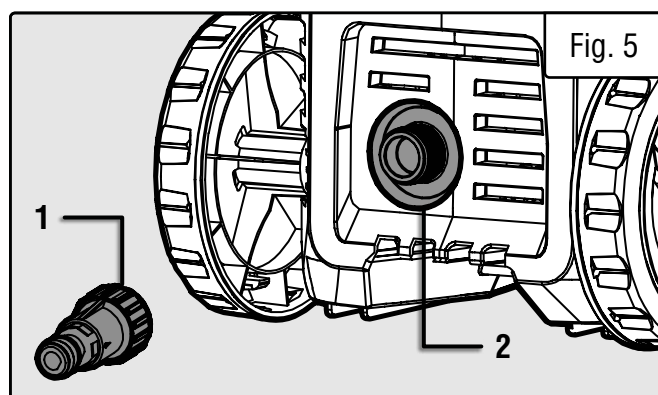
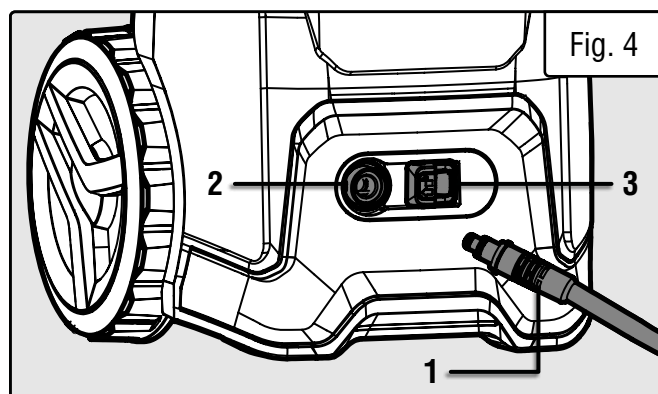
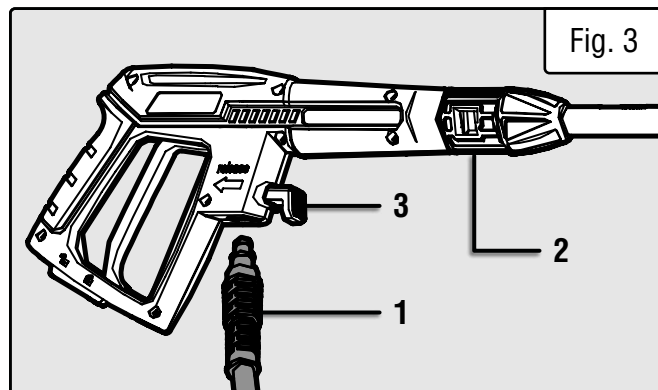
⚠ WARNING! To avoid injury from accidental startups, be sure that the tool is switched OFF and disconnected from the power supply before performing assembly, inspection or adjustments.

CONNECTING THE HIGH-PRESSURE HOSE

1. Insert the quick-connect end of the high-pressure hose (Fig. 3 - 1) into the spray gun (Fig. 3 - 2) as shown in Fig. 3. Make sure that the hose is secure before beginning operation.
2. Insert the other quick-connect end of the high-pressure hose (Fig. 4 - 1) to the water outlet (Fig. 4 - 2) on the front of the pressure washer.
3. To remove the high-pressure hose from the spray gun, press the release lever (Fig. 3 - 3).
4. To remove the high-pressure hose from the pressure washer, press down on the release lever (Fig. 4 - 3).

CONNECTING THE GARDEN HOSE

1. Connect the water inlet adapter (Fig. 5 - 1) to the water inlet (Fig. 5 - 2) on the pressure washer. Thread the garden hose into the water inlet adapter.
2. Connect the other end of the garden hose to the water supply.



OPERATION

⚠ WARNING! To prevent serious injury, make sure all the warnings and instructions have been read and understood before operating this tool.

⚠ CAUTION! Do not connect the pressure washer to a potable water system without a backflow prevention method installed, if required by your local jurisdiction.

⚠ CAUTION! The water supply must not exceed 170 PSI.

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

OPERATING THE PRESSURE WASHER

1. Make sure that the power switch (Fig. 6 - 1) is switched to the OFF position before plugging the pressure washer into the power source.

2. Plug the GFCI into a matching receptacle (see p. 8 for important electrical information). We recommend that you test the GFCI as part of the startup procedure each time you use the pressure washer. Press the RESET button (Fig. 7), and the power indication light should turn ON. Press the TEST button, and the power indication light should turn OFF. DO NOT use if the test fails. Press the RESET button again after completing the test to enable operation.

3. Make sure that the high pressure hose and the garden hose are securely connected to the pressure washer. Turn on the water supply.

4. UNLOCK the power trigger lock (Fig. 8 - 1).

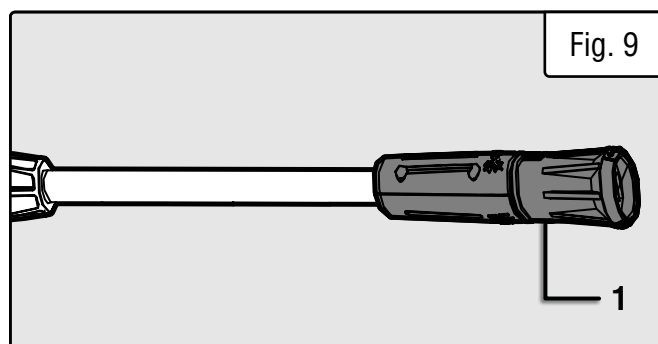
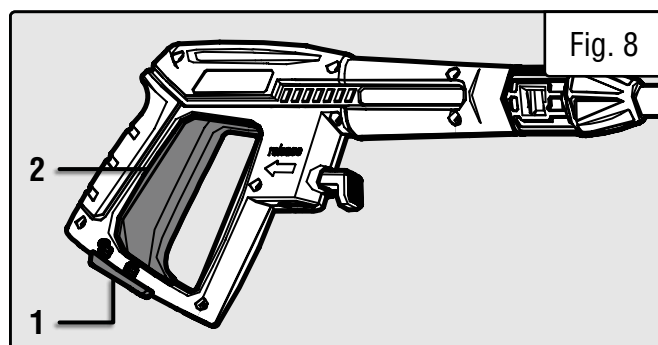
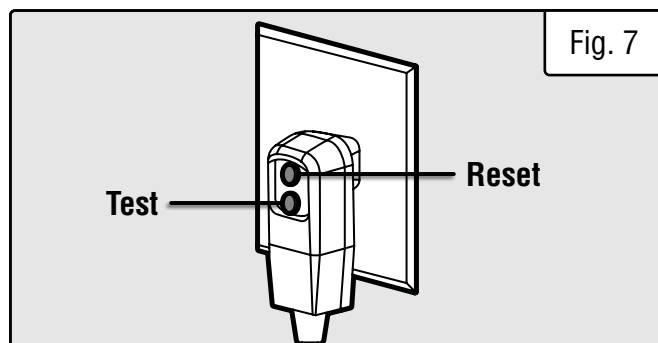
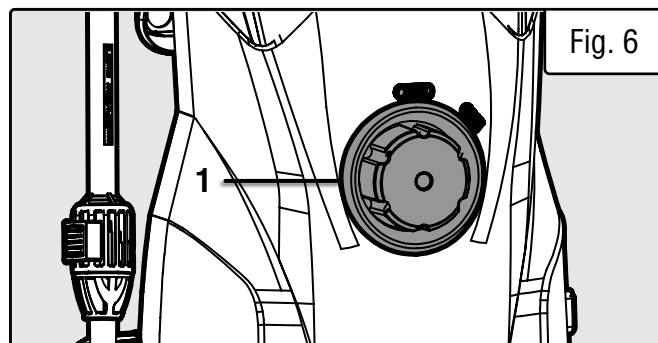
4. Hold the spray gun with two hands and be sure to point it in a safe direction away from animals, bystanders, and yourself. Press the power trigger (Fig. 8 - 2) until a consistent stream of water flows through the lance, to allow air trapped in the hose to escape.

5. Rotate the nozzle collar (Fig. 9 - 1) to select the desired water pressure and angle of spray.

6. Turn the power switch (Fig. 6 - 1) ON.

7. Hold the spray gun with both hands and aim it at the object that you would like to clean. Press the power trigger.

8. To stop the water, release the power trigger.



OPERATION

SELECTING THE PROPER WATER ANGLE FOR YOUR OPERATION

0° Angle: Fine spot spray means delivering a high-pressure jet stream. It is used to cut heavy dirt deposits in a small, concentrated area. It is ideal for dissolving stubborn substances, like tar and grease spots on concrete, or for removing caked mud from equipment. It is also used to clean hard-to-reach areas including the facades of 2-story buildings or the undersides of lawn mowers and tractors.

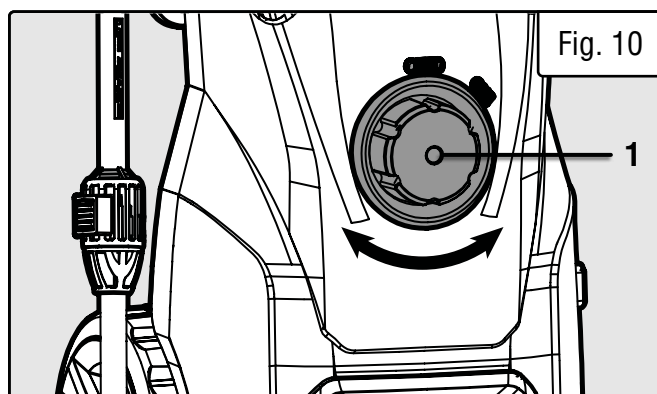
15° Angle: Use the 15° fan spray for intense cleaning jobs on hard surfaces that can withstand the high-pressure. Applications include stripping paint, removing oil stains, grease, heavy mildew stains, and rust from steel.

25° Angle: Use the 25° fan spray for cleaning home siding, brick patios, wood decks, driveways, sidewalks, cars, or furniture.

40° Angle: Use the 40° fan spray for cleaning items such as cars, trucks, boats, patio furniture, or lawn equipment.

VARIABLE PRESSURE

1. Adjust the pressure of the water stream from 1610 PSI to 2300 PSI by turning the control knob (Fig. 10 - 1). To increase the variable pressure, turn the knob clockwise. To decrease the variable pressure, turn the knob counterclockwise.



USING THE SOAP BOTTLE

1. Instead of installing the extension lance, insert the quick-connect end of the soap bottle (Fig. 11 - 1) into the spray gun (Fig. 11 - 2) as shown in Fig. 10. Turn the soap bottle clockwise to lock it in place.

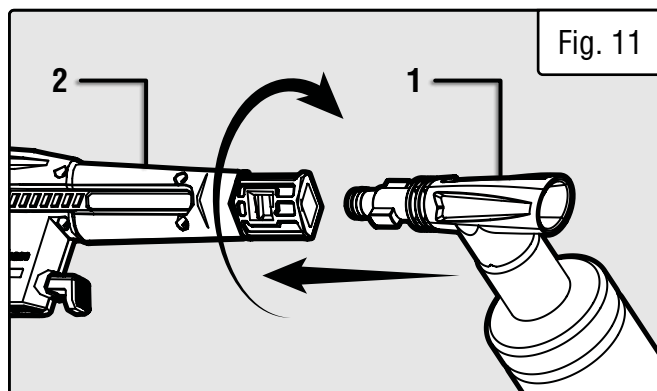
2. Press the power trigger and soap will dispense from the soap bottle nozzle.

3. Let the soap sit for a couple of minutes and in the meantime remove the soap bottle from the spray gun.

4. Assemble the spray gun following the directions on page 11.

5. Rinse off the applied soap using the spray gun.

6. Be sure to clean any remaining soap from the soap bottle and nozzle once you have completed your operation.

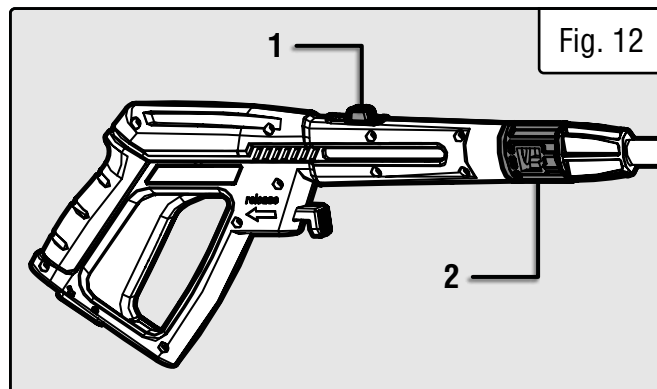


⚠ WARNING! When using detergents, the material data safety sheet issued by the detergent manufacturer must be adhered to, especially the instructions regarding personal protective equipment.

OPERATION

ROTATING THE WATER STREAM

1. To rotate the angle of a full fan spray, unlock the rotation lock (Fig. 12 - 1) on top of the spray gun. Turn the spray gun (Fig. 12 - 2) clockwise to rotate the water stream.
2. Once you have your desired water stream angle, lock the rotation lock.



PRESSURE WASHING TIPS

1. Before pressure washing any surface, test spray an inconspicuous area. Adjust the spray pattern and spraying distance to achieve the optimal cleaning result and prevent damaging the surface.
2. Use caution when spraying chipped or peeling paint, as the high pressure may remove the loose paint from the surface.
3. Pre-rinse the surface with fresh water before applying detergent.
4. When using detergent, follow the instructions that come with your detergent. In general, allow the detergent to remain on the surface about 1 - 3 minutes. Do not allow detergent to dry on the surface.
5. Keep the spray nozzle approximately 6 inches from the cleaning surface. The spraying distance may vary according to the treated surface (be sure to increase the distance when rinsing sensitive or fragile surfaces). Rinse the surface in a long sweeping motion.
6. Clean from top to bottom. When moving on to a new section of the cleaning surface, overlap the previous section to eliminate stop marks and ensure a more even cleaning result.
7. When pressure washing surfaces that may come in contact with food, flush surfaces with plenty of drinking water after pressure washing. However, WEN does not recommend eating off of your driveway.

TURNING OFF THE PRESSURE WASHER

1. Release the power trigger and LOCK the power trigger lock.
2. Turn the power switch OFF.
3. Unplug the pressure washer from the power outlet.
4. Press the trigger gun to release any pressure still in the high pressure hose.

⚠ WARNING! Only separate the high pressure hose from the spray gun or the device when there is no pressure in the system.

⚠ CAUTION! When disconnecting the supply or high pressure hose, warm water may leak from the connection after operation.

5. Turn off the water supply, then detach the pressure washer from the water supply.

STORING THE PRESSURE WASHER

1. Make sure that the pressure washer is stored on a secure, level surface.
2. Disassemble the spray gun.
3. Neatly wrap and store the high pressure hose to avoid any damage.

When storing the pressure washer for extended periods of time:

1. Clean the spray nozzle and water inlet filter before storing the unit. Refer to the “SPRAY NOZZLES” and “WATER INLET ADAPTER” sections on the following page.
2. To protect and extend the life of your pressure washer, we recommended running the unit with a pump anti-freeze or pump protector or a pump conditioner before storing the unit for long periods of time. Follow the directions on your preferred pump protector for proper use.
3. Store your pressure washer and accessories indoors where the temperature will stay above freezing (32°F / 0°C). Do not store it near the furnace or other sources of heat as it may dry out the pump’s seals.
4. Keep the pressure washer upright on a level surface. Cover the machine to protect it from dust. Do not allow high pressure hose to become kinked during storage.

CLEANING & MAINTENANCE

 **WARNING!** To avoid injury from accidental startups, be sure that the tool is switched OFF and disconnected from the power supply before performing assembly, inspection or adjustments.

HIGH PRESSURE HOSE

The high pressure hose can easily be damaged and should be stored carefully. Do not kink the hose. Do not drive vehicles over the hose. Do not expose the hose to sharp objects. Inspect the hose for cuts, bulges, or leaks. These can develop from kinking or wear. If damaged, replace the hose immediately.

 **WARNING!** If the hose is damaged, do not use the unit or try to repair the hose. Always replace with an identical part before operation.

SPRAY NOZZLES

Regularly clean the nozzle, preferably after every use, to prevent the nozzle from clogging and to ensure good performance of the machine.

1. Use the included nozzle cleaning pin to dislodge any buildup in the spray tip. Flush water through the back end of the nozzle and spray wand with your garden hose for 30-60 seconds to remove any buildup.

WATER INLET ADAPTER

Check the water inlet adapter periodically for deposits. Clean the filter regularly for maximum performance. Remove the water inlet adapter and rinse it with warm water to clean out debris and buildup before operating the pressure washer.

PRODUCT DISPOSAL

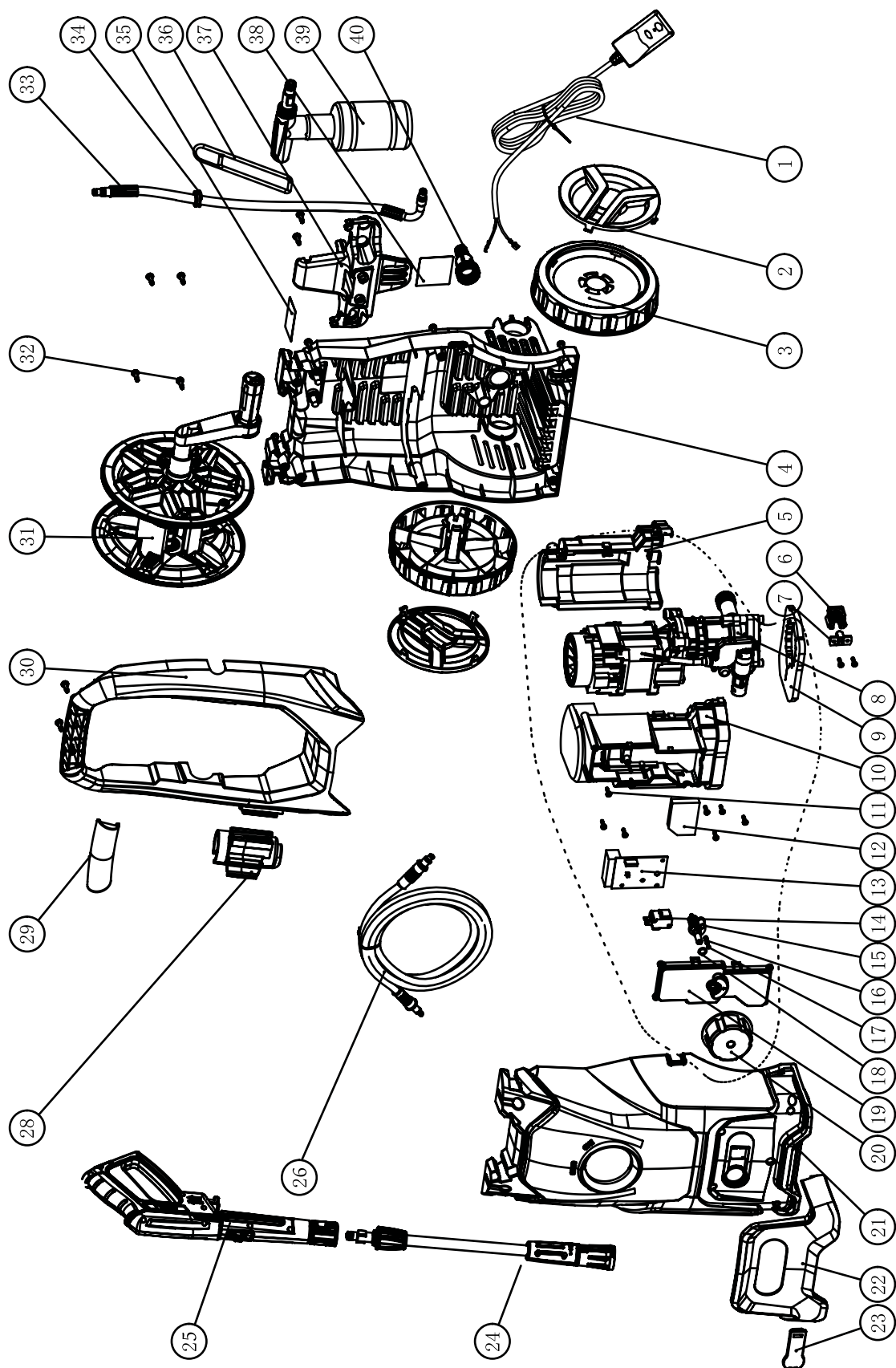
Used pressure washers should not be disposed of with household waste. This product contains electric components that should be recycled. Please take this product to your local recycling facility for responsible disposal and to minimize its environmental impact.

TROUBLESHOOTING GUIDE

⚠ WARNING! Stop using the tool immediately if any of the following problems occur. Repairs and replacements should only be performed by an authorized technician. For any questions, please contact our customer service at **1-847-429-9263**, M-F 8-5 CST or email us at **techsupport@wenproducts.com**.

PROBLEM	CAUSE	SOLUTION
The machine doesn't turn on.	1. The GFCI plug is tripped.	1. Press the "RESET" button on GFCI plug.
	3. The machine is not plugged in or the outlet does not have adequate power.	3. Plug the machine into a working outlet suitable for the pressure washer.
	4. The power cord or extension cord is damaged.	4. Check the power cord, extension cord, and power plug. Do not use if cords are damaged.
	5. The power switch is defective.	5. Stop using the tool and contact customer service.
	6. The circuit fuse is blown.	6. Have the fuse replaced by a certified electrician.
The machine stops during operation.	1. The nozzle is partially blocked.	1. Clean the nozzle.
The machine is pulsating.	1. There is air trapped in the inlet hose.	1. Allow the machine to run while holding the trigger until adequate pressure returns.
	2. The water supply is insufficient.	2. Make sure the water supply is opened as far as possible. Check for leaks, kinks, or blockages.
	3. The nozzle is blocked.	3. Clean the nozzle.
	4. The water filter is blocked.	4. Clean the water inlet adapter filter.
	5. The hose is kinked.	5. Unkink the hose.
There is fluctuating pressure.	1. The pump is bringing in air.	1. Tighten the hose connections and make sure they are air tight. Turn the machine OFF and purge the pump by squeezing the spray gun until a steady flow of water emerges through the nozzle.
	2. The valves are dirty or broken.	2. Clean/replace the valves.
	3. The pump seals are worn out.	3. Order replacement seals (1-847-429-9263).
The water stream starts and stops by itself.	1. The pump or spray gun is leaking.	1 & 2. Call 1-847-429-9263 for assistance.
	2. The trigger on the spray gun is broken.	
	3. There is a ghost in the machine.	3. Persuade the ghost to leave.
The water pressure isn't high enough.	1. The spray width is too wide.	1. Use a different nozzle setting.
	2. The garden hose diameter is too small.	2. Replace with a 5/8 in. or larger garden hose.
	3. The water supply is insufficient.	3. Open the water inlet and check the garden hose for leaks, kinks, or blockages.
	4. The pump or hose is frozen.	4. Thaw out the frozen pump / hose.
	5. The water inlet filter is clogged.	5. Remove the filter and rinse it out in warm water.
	6. The nozzle is blocked.	6. Unblock and clean the nozzle.
There is no detergent coming out.	1. The detergent bottle nozzle is clogged.	1. Clean the nozzle.

EXPLODED VIEW & PARTS LIST



NOTE: Not all parts may be available for purchase. Parts and accessories that wear down over the course of normal use are not covered under the warranty.

EXPLODED VIEW & PARTS LIST

No.	Part No.	Description	Qty.	No.	Part No.	Description	Qty.
1	PW23V-001	Power Cord	1	20	PW23V-020	Control Knob	1
2	PW23V-002	Wheel Cap	2	21	PW23V-021	Front Housing	1
3	PW23V-003	Wheel	2	22	PW23V-022	Front Panel	1
4	PW23V-004	Rear Housing	1	23	PW23V-023	Outlet Port Cover	1
5	PW23V-005	Right Motor Housing	1	24	PW2300-001	Lance	1
6	PW23V-006	Power Cord Sheath	1	25	PW2000-028	Spray Gun	1
7	PW23V-007	Power Cord Clamp	1	26	PW23V-026	High-Pressure Hose	1
8	PW23V-008	Motor	1	28	PW23V-027	Spray Gun Holder	1
9	PW23V-009	Filter	1	29	PW23V-028	Handle Grip	1
10	PW23V-010	Left Motor Housing	1	30	PW23V-029	Handle	1
11	PW23V-011	Philips Screw, ST3.5x13F	14	31	PW23V-030	Hose Storage Reel	1
12	PW23V-012	Foam Airflow Filter	1	32	PW23V-031	Phillips Screw, ST4.8x16	16
13	PW23V-013	Speed Control Board	1	33	PW23V-032	Built-In Hose	1
14	PW23V-014	Mico Switch	1	34	PW23V-033	Hose Protective Sleeve	1
15	PW23V-015	Shift Lever	1	35	PW23V-034	Label	1
16	PW23V-016	Spring	1	36	PW23V-035	Strap	1
17	PW23V-017	Stainless Steel Ball (P5)	1	37	PW23V-036	Power Cord Holder	1
18	PW23V-018	O-Ring 8x2	1	38	PW23V-037	Label	1
19	PW23V-019	Switch Housing	1	39	PW2000-031	Soap Bottle	1
				40	PW23V-039	Hose Inlet Connection & Filter	1

NOTE: Not all parts may be available for purchase. Parts and accessories that wear down over the course of normal use are not covered under the warranty.

WARRANTY STATEMENT

WEN Products is committed to building tools that are dependable for years. Our warranties are consistent with this commitment and our dedication to quality.

LIMITED WARRANTY OF WEN PRODUCTS FOR HOME USE

GREAT LAKES TECHNOLOGIES, LLC (“Seller”) warrants to the original purchaser only, that all WEN consumer power tools will be free from defects in material or workmanship during personal use for a period of two (2) years from date of purchase or 500 hours of use; whichever comes first. Ninety days for all WEN products if the tool is used for professional or commercial use. Purchaser has 30 days from the date of purchase to report missing or damaged parts.

SELLER’S SOLE OBLIGATION AND YOUR EXCLUSIVE REMEDY under this Limited Warranty and, to the extent permitted by law, any warranty or condition implied by law, shall be the replacement of parts, without charge, which are defective in material or workmanship and which have not been subjected to misuse, alteration, careless handling, misrepair, abuse, neglect, normal wear and tear, improper maintenance, or other conditions adversely affecting the Product or the component of the Product, whether by accident or intentionally, by persons other than Seller. To make a claim under this Limited Warranty, you must make sure to keep a copy of your proof of purchase that clearly defines the Date of Purchase (month and year) and the Place of Purchase. Place of Purchase must be a direct vendor of Great Lakes Technologies, LLC. Purchasing through third party vendors, including but not limited to garage sales, pawn shops, resale shops, or any other secondhand merchant, voids the warranty included with this product. Contact techsupport@wenproducts.com or 1-847-429-9263 with the following information to make arrangements: your shipping address, phone number, serial number, required part numbers, and proof of purchase. Damaged or defective parts and products may need to be sent to WEN before the replacements can be shipped out.

Upon the confirmation of a WEN representative, your product may qualify for repairs and service work. When returning a product for warranty service, the shipping charges must be prepaid by the purchaser. The product must be shipped in its original container (or an equivalent), properly packed to withstand the hazards of shipment. The product must be fully insured with a copy of the proof of purchase enclosed. There must also be a description of the problem in order to help our repairs department diagnose and fix the issue. Repairs will be made and the product will be returned and shipped back to the purchaser at no charge for addresses within the contiguous United States.

THIS LIMITED WARRANTY DOES NOT APPLY TO ITEMS THAT WEAR OUT FROM REGULAR USAGE OVER TIME, INCLUDING BELTS, BRUSHES, BLADES, BATTERIES, ETC. ANY IMPLIED WARRANTIES SHALL BE LIMITED IN DURATION TO TWO (2) YEARS FROM DATE OF PURCHASE. SOME STATES IN THE U.S. AND SOME CANADIAN PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING BUT NOT LIMITED TO LIABILITY FOR LOSS OF PROFITS) ARISING FROM THE SALE OR USE OF THIS PRODUCT. SOME STATES IN THE U.S. AND SOME CANADIAN PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE IN THE U.S., PROVINCE TO PROVINCE IN CANADA AND FROM COUNTRY TO COUNTRY.

THIS LIMITED WARRANTY APPLIES ONLY TO ITEMS SOLD WITHIN THE UNITED STATES OF AMERICA, CANADA AND THE COMMONWEALTH OF PUERTO RICO. FOR WARRANTY COVERAGE WITHIN OTHER COUNTRIES, CONTACT THE WEN CUSTOMER SUPPORT LINE. FOR WARRANTY PARTS OR PRODUCTS REPAIRED UNDER WARRANTY SHIPPING TO ADDRESSES OUTSIDE OF THE CONTIGUOUS UNITED STATES, ADDITIONAL SHIPPING CHARGES MAY APPLY.

**THANKS FOR
REMEMBERING**

