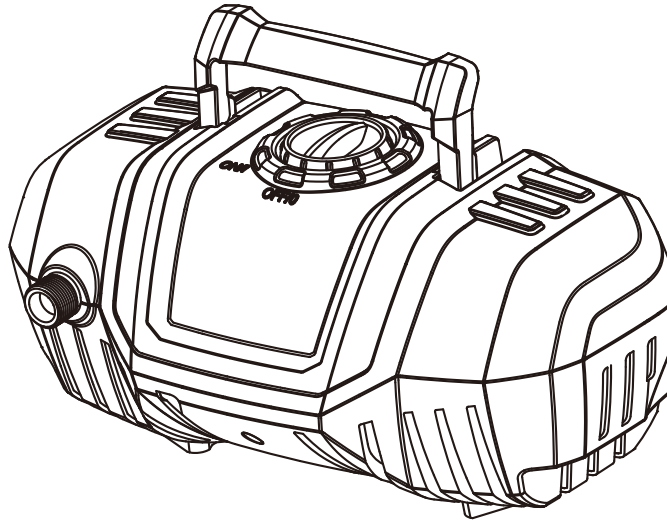
W125186A

WORKPRO

ORIGINAL OPERATING INSTRUCTIONS
12A ELECTRIC HIGH PRESSURE WASHER



Model#:LT511-1600MINI

Thank you for buying a WORKPRO product. Your new electric pressure washer has been engineered and manufactured to WORKPRO's high standard for dependability, ease of operation, and operator safety. Properly cared for, it will give you years of rugged, trouble-free performance.

WARNING: To reduce the risk of injury, the user must read and understand the operator's manual.

SAVE THIS MANUAL FOR FUTURE REFERENCE

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Made in China

TABLE OF CONTENTS

- Introduction 2
- Safeguards,Warnings And Safety Tips 3
- Symbols 4
- Electrical 5
- Specifications 5
- Unpacking 6
- Know Your Product 7
- Installation And Startup 8-9
- Operation 9-11
- Maintenance 12
- Disposal And Recycling 12

INTRODUCTION

This electric pressure washer is designed for domestic use only. For cleaning machines, vehicles, buildings, tools, facades, terraces, gardening tools, etc. by means of a high-pressure water jet (if necessary, with additional cleaning agents).

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

PROPER USE OF THE PRESSURE CLEANER

THIS UNIT IS INTENDED FOR USE WITH COLD WATER ONLY!

DO NOT USE HOT WATER IN THIS PRESSURE CLEANER.

- Operate the pressure cleaner at no more than the fluid pressure rated for the pressure cleaner. Never run the pressure cleaner without a water supply. Running the unit without a water supply will cause irreparable damage to the unit.
- Make sure that the water supply you use for the pressure cleaner is not dirty, sandy, and does not hold any corrosive chemical products. Using a dirty water supply will compromise the long life of the pressure cleaner.
- The pressure cleaner can be used for a variety of applications including washing cars, boats, patios, decks, garages etc. where high pressure is necessary to remove dirt and debris.

High-pressure water flow can damage the work surface if not used properly! See the section titled "Operating Instructions" for more details. Always test the spray in an open area first.

- NEVER move the unit by pulling on the high pressure hose. Use the handle provided on the top of the unit.
- Always hold the high pressure gun and wand with two hands. Keep one hand on the gun/trigger, while supporting the wand with the other hand.
- When dispensing detergent, the pressure cleaner applies detergent to the cleaning area at low pressure only.

⚠ WARNING:

Do not attempt to use this product until you have read thoroughly and understand completely the operator's manual. Pay close attention to the safety rules, including Dangers, Warnings, and Cautions. If you use your tool properly and only for what it is intended, you will enjoy years of safe, reliable service.

SAFEGUARDS, WARNINGS AND SAFETY TIPS

IMPORTANT SAFETY INSTRUCTIONS, SAVE THESE INSTRUCTIONS

⚠ WARNING:
Risk of Injection or Injury– Do Not Direct Discharge Stream At Persons.

⚠ WARNING:
If Connection Is Made To A Potable Water System, The System Shall Be Protected Against Backflow.

⚠ WARNING-When using this product basic precautions should always be followed, including the following:

- To avoid personal injury and/or damage to property and to maximize your power washing experience, carefully follow all of the safety tips, instructions, warnings and safeguards and become familiar with all of the controls. Be sure you know how to quickly bleed off the pressure from all parts of your power washer, and how to turn off the power Washer.
- This power washer conforms to CSA and other safety and consumer standards. Do not modify or rebuild any part of your power washer.
- Do not use your power washer when you are under the influence of alcohol or drugs. Use this power tool carefully and only when you are alert.
- Watch your balance and footing while using your power washer. Surfaces become slippery when wet and are extra slippery when using a detergent or cleaner.
- Never operate the power washer in bare feet, sandals, or open-toed shoes.
- When using the power washer near children make sure they are closely supervised by an adult to avoid injury. Never let a child use the power washer.
- When you press the power switch to turn off the power washer, water pressure may remain in the system. To discharge the pressure, point the spray gun in a safe direction and pull the trigger.
- Never spray flammable liquids.
- Never use the power washer in areas that contain combustible dust,liquids or vapors.
- Keep operating area clear of all persons.
- Do not overreach or stand on unstable support. Keep good footing and balance at all times.
- Follow the maintenance instructions specified in the manual.
- Avoid contact of the pressure hose with sharp objects and examine the hose regularly. Replace if damaged. Due to the high pressure involved, it cannot be repaired if cut of damaged.
- Only use detergent specifically formulated for power washers and follow instructions on the detergent's label.
- Power washer detergents are available at your local hardware store.
- Protect eyes, lungs, and skin from exposure to detergent. Dish or laundry soap is too thick and will clog the nozzle of your detergent tank.
- Never use hot water with your power washer. It will overheat and damage the high pressure pump.
- IMPORTANT: Store the power washer indoors to prevent the water in the unit from expanding under freezing conditions. When the water freezes and expands, your pressure washer will be damaged and become inoperable.After disconnecting the water supply and before disconnecting the high pressure hose Turn the pressure washer on for 2-3seconds, Turn the unit off immediately.
- Never leave the power washer unattended while it is powered "on"
- Always turn the water supply "on " before turning the power washer power to "on". Running the pump dry will cause damage to the internal components.
- Never use a water supply to your power washer that exceeds 170 psi maximum.
- Keep fingers, hands, feet and any part of your body clear of the stream of high pressure water. The powerful spray can cause blindness or blast holes in the skin. It can break a window if you are too close when you pull the trigger on the spray gun.
- Always wear eye protection to prevent injury to eyes when operating the power washer.
- To avoid mishaps or injury, always use the trigger safety lock when not using the power washer even if the spraying stops for a moment.
- Point the spray gun in a safe direction when beginning a power washing session.
- When first using the spray gun, hold the spray gun and lance with two hands when pulling the trigger until you get used to the "kick back" from the spray gun (one hand to pull the trigger and the other to stabilize the gun assembly).
- Never disconnect the high pressure hose from the power washer while the system is pressurized.
- Never permanently engage the trigger mechanisms on the spray gun.
- Never operate the power washer unless all components are properly and securely connected.
- Never use lances or other parts that have not been supplied with your power washer.
- Never use an extension power cord since it defeats the effectiveness of the GFCI and increases the chance of electrocuting the operator.
- Never spray any electrical outlet with your power washer.
- Inspect the power cord before using. Do not use it if it is damaged.

SYMBOLS

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

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

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

SYMBOL	DESCRIPTIONS	SYMBOL	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 pressure washer 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.		

ELECTRICAL

DOUBLE INSULATION

Double insulation is a concept in safety in electric power tools, which eliminates the need for the usual three-wire grounded power cord. All exposed metal parts are isolated from the internal metal motor components with protecting insulation. Double insulated tools do not need to be grounded.

⚠ WARNING:
The double insulated system is intended to protect the user from shock resulting from a break in the tool's internal insulation. Observe all normal safety precautions to avoid electrical shock.

NOTE: Servicing of a product with double insulation requires extreme care and knowledge of the system and should be performed only by a qualified service technician. For service, we suggest you return the product to your nearest authorized service center for repair. Always use original factory replacement parts when servicing.

ELECTRICAL CONNECTION

This product has a precision-built electric motor. It should be connected to a power supply that is 120 volts, AC only (normal household current), 60 Hz, . Do not operate this product on direct current (DC). A substantial voltage drop will cause a loss of power and the motor will overheat. If the product does not operate when plugged into an outlet, double-check the power supply.

SAVE THESE INSTRUCTIONS

GROUND FAULT CIRCUIT INTERRUPTER PROTECTION

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.

SPECIFICATIONS

Input	120V~ 60Hz
Rated current	12A
Rated pressure	1300PSI
Max. Pressure	1900PSI
Max. water inlet pressure	170PSI
Max. water inlet temperature	122F (50°C)
Rated flow	1.6GPM (6L/min)
Max. flow	1.8GPM (7L/min)
Work flow	1.4GPM (5.4 L/min)

UNPACKING

INSTRUCTIONS

- Carefully remove the tool and accessories from the box. Make sure that all items listed in the packing list are included.
- Inspect the tool carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the tool.

PACKING LIST

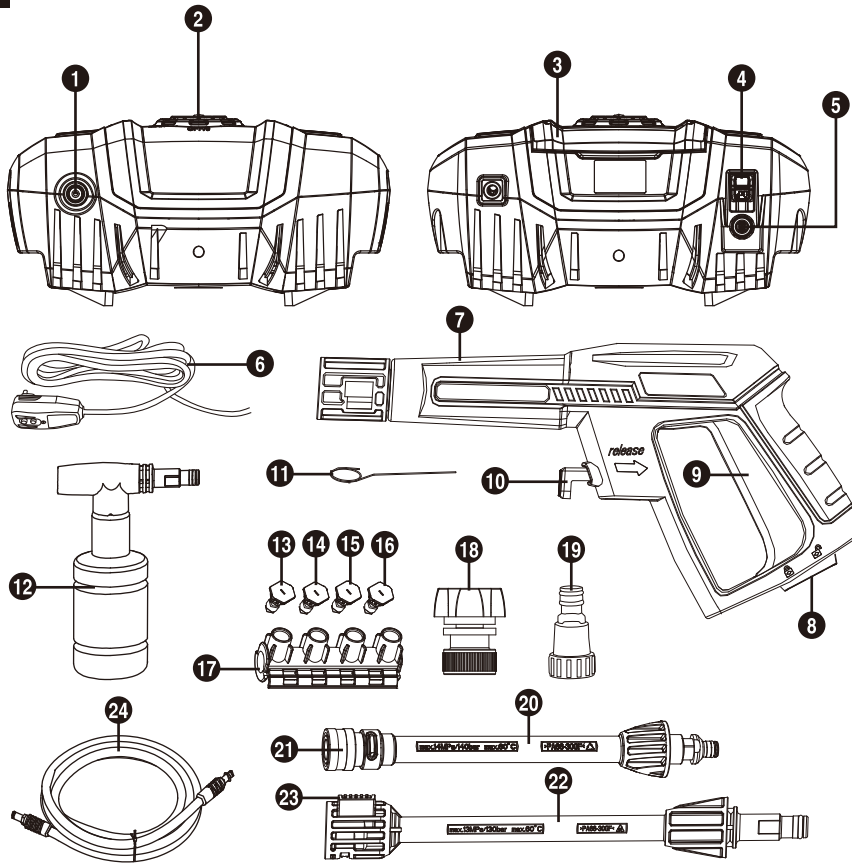
Electric pressure washer
High-pressure hose·····1 piece
Coupling element for water connection·····1 piece
Male garden hose quick connector·····1 piece
Trigger gun ·····1 piece
Extension wand·····1 piece
Spray lance·····1 piece
Nozzle storage rack·····1 piece
0º Quick-Connect nozzle (red)·····1 piece
15º Quick-Connect nozzle (yellow)·····1 piece
25º Quick-Connect nozzle (green)·····1 piece
40º Quick-Connect nozzle (white)·····1 piece
Detergent bottle·····1 piece
Nozzle tip cleaner provided (included with manual packet) ·····1 piece
Operator's Manual

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:
If any parts are missing do not operate your tool until the missing parts are replaced. Failure to do so could result in possible serious personal injury.

KNOW YOUR PRODUCT

Fig.1



1 Water inlet
2 ON/OFF switch
3 Handle
4 Release button for high pressure hose of water outlet
5 Water outlet
6 Power cord with GFCI
7 Trigger gun
8 Safety lock button
9 Trigger
10 Release button for high pressure hose
11 Nozzle tip cleaner
12 Detergent bottle
13 40º Quick-Connect nozzle
14 25º Quick-Connect nozzle
15 15º Quick-Connect nozzle
16 0º Quick-Connect nozzle
17 Nozzle storage rack
18 Coupling element for water connection
19 Water inlet quick connector
20 Spray lance
21 Quick-connect collar
22 Extension wand
23 Release button for spray lance
24 High-pressure hose

INSTALLATION AND STARTUP

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

⚠ WARNING:
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.

⚠ WARNING:
The machines are not suitable for connection to potable water mains. If you want connect this machine to portable water mains, you must install a backflow preventer in the water pipe to prevent dirty water flow back to the drinking water system.

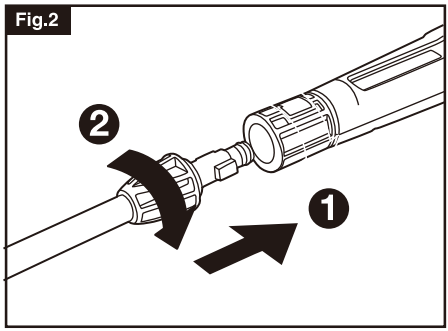
⚠ CAUTION:
The washer must only be used with clean water; use of unfiltered water containing corrosive chemicals will damage the washer.

NOTE: Impurities in the water can damage the high-pressure pump and the accessories. For protection, the use of water filter is recommended.

ASSEMBLY THE GUN

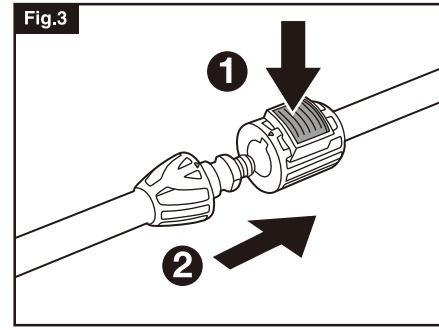
- Insert the extension wand(22) into the gun(7). Push and turn the extension wand (22) clockwise onto the gun(7) until hand tight to lock it in place. When the pieces are joined properly, you cannot separate the two components by pulling straight out on the gun (7). Insert the detergent nozzle in the same manner, depending upon which attachment is best suited to the surface you are cleaning. Only one attachment can be inserted into the gun at a time. All attachments must be inserted into the gun for proper use.(Fig.2)

Fig.2



- Insert the spray lance(20) into the extension wand(22), as quick-connect type , you just need push it onto extension wand(22) directly and powerful until hand tight to lock it in place. When the pieces are joined properly, you cannot separate the two components by pulling straight out on the extension wand(22). (Fig.3)

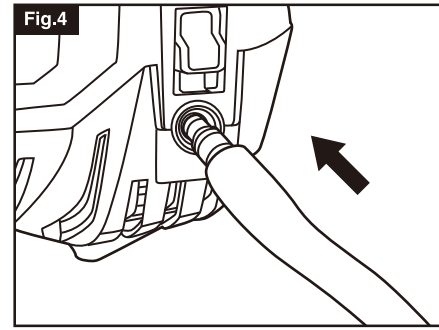
Fig.3



ATTACH THE HIGH PRESSURE HOSE

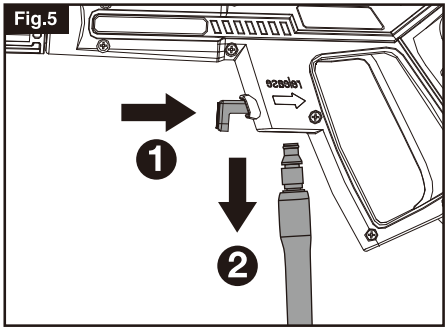
- Attach the high pressure hose(24) to the pressure washer water outlet(5). Insert and quick-connect it tight to avoid leakage.When the pieces are joined properly, you cannot separate the two components by pulling straight out from the water outlet. Repress down the release button for high pressure hose of water outlet(4), then you can pull out the high pressure hose.(Fig.4)

Fig.4



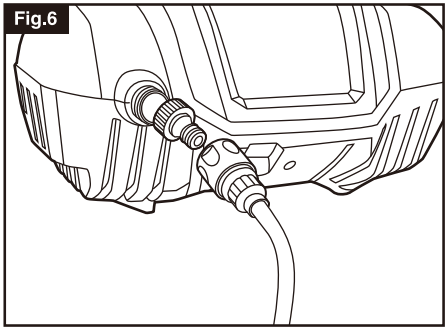
- Attach the high pressure hose(24) to the gun(7). Insert and quick-connect it tight to avoid leakage.When the pieces are joined properly, you cannot separate the two components by pulling straight out from the gun. Push the release button for high pressure hose(10), then you can pull out high pressure hose.(Fig.5)

Fig.5



■ Clean filter if needed,screw water inlet quick connector(19) to the unit's water inlet(1).Push the garden hose quick connector on to water inlet quick connector(19) and make sure you hear it click into place before processing.(Fig.6)

Fig.6



CONNECT THE GARDEN HOSE TO WATER SOURCE

⚠ WARNING:
The machines are not suitable for connection to potable water mains. If you want connect this machine to portable water mains, you must install a backflow preventer in the water pipe to prevent dirty water flow back to the drinking water system.

⚠ WARNING:
The appliance is INTENDED to be used at a temperature above 0 degree.

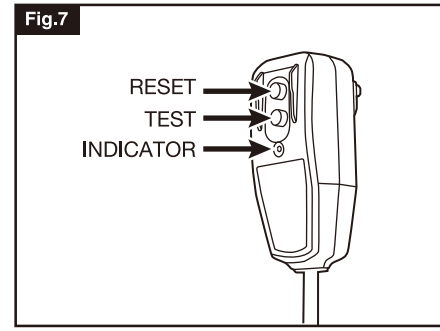
CONNECT TO THE POWER SUPPLIER

⚠ WARNING:
Before connect to the power supplier check that the electrical supply voltage and frequency (Volt/Hz) correspond to those specified on the rating plate.

■ Plug the pressure washer into the power outlet.

■ Press TEST button, power will be cut and indicator will fade.Do not use if this test fails. We recommend you to press the test button every time before using pressure washer to ensure the protector works. (Fig.7)

Fig.7



■ Press the RESET button the indicator will illuminates, power on for use.

NOTE: Once you press TEST button, you should press the RESET button to connect the power supply.

OPERATION

USING THE PRESSURE WASHER

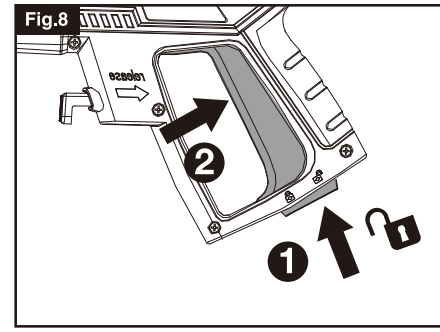
⚠ WARNING:
The washer must be used on a secure and stable surface in a horizontal position!

NOTE: Serious damage could occur to the motor if the unit is run without water.

■ Turn on the water supply tap fully.

■ Unlock trigger by pressing the safety lock button(8) first and then actuate the trigger(9)for a few second, let the water flow out from the nozzle. (Fig.8)

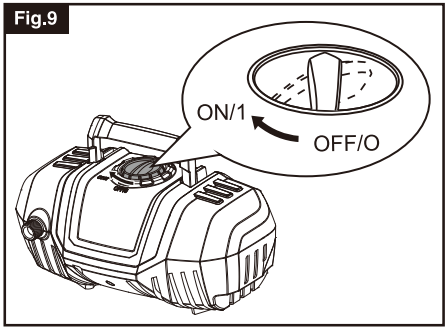
Fig.8



OPERATION

- Check if water leaks from joints. If water leaks, please reconnect the water hose, the spray gun or the lance to make sure each accessory are connected perfectly.
- Connect to power supply.
- Turn the switch to ON (I) position.(Fig.9)

Fig.9



- Squeeze the trigger,high pressure water flow will come out.

USING NOZZLES

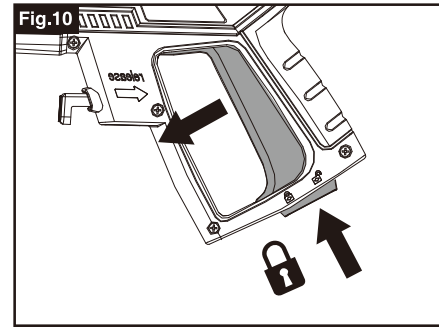
⚠ WARNING:
High-pressure jets can be dangerous if subject to misuse. The jet must not be directed at persons, pets, live electrical equipment, or the appliance itself.

⚠ CAUTION:
NEVER change nozzles without locking the safety lock on the trigger handle.

NOTE: Before beginning any cleaning task, determine the best nozzle for the job. Each of the nozzles has a different spray pattern. The nozzle patterns are 40° (13) for gentle cleaning, 25° (14) for allpurpose cleaning, 15° (15) for tough jobs, 0° (16) for spot cleaning or hard-to-reach areas and the detergent bottle (12) for detergent application.

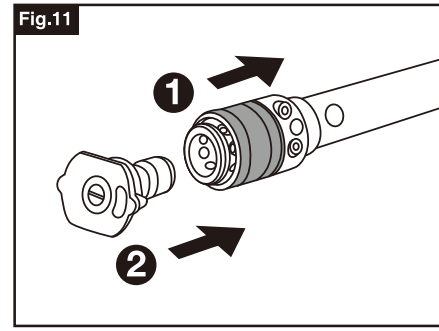
- Turn off the pressure washer and shut off the water supply. Pull the trigger (9) to release water pressure.
- Pressing the safety lock button (8) to lock the trigger (9). (Fig.10)

Fig.10



- Pulling back the Quick-connect collar (21) and insert the nozzle into the spray lance (20) , depending upon which attachment is best suited to the surface you are cleaning. Only one attachment can be inserted into the extension wand (20) at a time. All attachments must be inserted into the extension wand (20) for proper use.(Fig.11)

Fig.11



- Remove the nozzle by placing your hand over the nozzle while pulling back on the Quick-Connect collar (21).

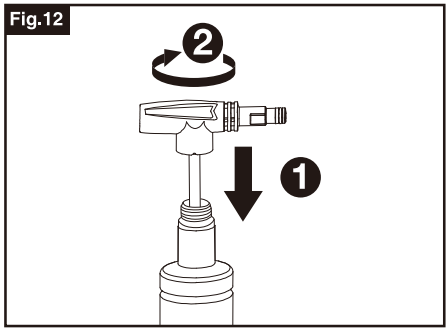
USING CLEANING AGENT

⚠ WARNING:
Use only detergents specifically designed for use with pressure washers.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.

OPERATION

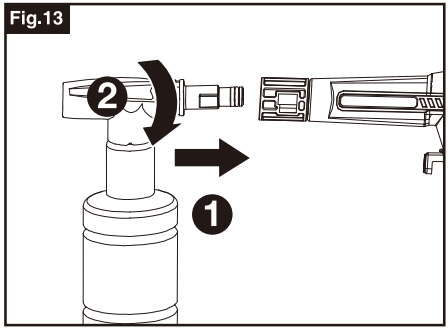
- Fill detergent bottle (12) with a properly formulated detergent or cleaner with a water ratio , tighten the Detergent bottle.(Fig.12)

Fig.12



- Connect detergent bottle (12) to trigger gun (7). (Fig.13)

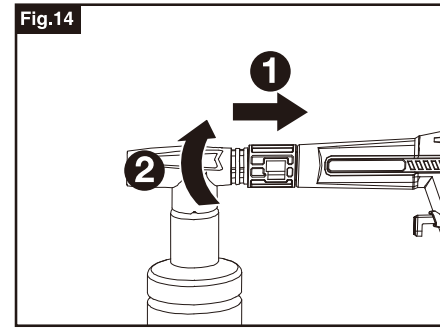
Fig.13



- Squeeze the trigger,detergent will come out through the detergent bottle nozzle.
- Apply detergent so it thoroughly covers cleaning surface.
- Allow detergent to remain on the surface for a few minutes.This is a good time to use a brush to lightly scrub heavily soiled areas.
- Remove detergent bottle(Fig.14), change to spray nozzle, rinse detergent from surface.

NOTE: Always draw fresh water through the detergent bottle when done to flush any remaining detergents from the injection system. The bottle could be detached if necessary in this process.

Fig.14



SHUTTING DOWN

⚠ 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.

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

TAKING A BREAK

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

- Engage the gun safety lock .(Fig.10)
- Turn the switch to the OFF (0) position.
- Unplug the power cord from the outlet.

MAINTENANCE

GENERAL

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, carbon dust, etc.

> ⚠ **WARNING:**
> Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc. come in contact with plastic parts. They contain chemicals that can damage, weaken, or destroy plastic.

POWER SUPPLY CORD REPLACEMENT

The pressure washer is equipped with a Ground Fault Circuit Interrupter (GFCI) Built Into The Power Cord Plug which greatly reduces the chance of electric shock while the unit is in use. If Replacement Of The Plug Or Cord Is Needed, Use Only Identical Replacement Parts and must be done by an authorized service center in order to avoid a safety hazard.

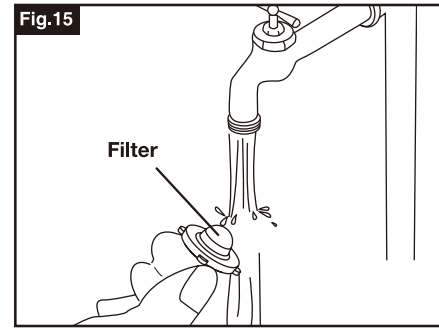
> ⚠ **CAUTION:**
> Before working on the pressure washer, disconnect the plug from the power supply socket.

WATER FILTER AND NOZZLE CLEANING INSTRUCTIONS

A clogged or partically clogged water filter or nozzle can cause significant reduction of water pressure coming out of the nozzle and/or cause the unit to pulsate while spraying.

- The water filter was installed inside the water inlet quick connector,should be cleaned periodically.Rinse it with clean tap water,and then place it back into the water inlet quick connector.(Fig.15)

Fig.15



- Using the nozzle tip cleaner(11) provided (or an unfold paper clip) ,insert the wire into the nozzle hole and move back and forth until debris is dislodged .Back flush water through the nozzles using garden hose and highest pressure available.

STORAGE

- Do not store pressure washer outdoors.
- Do not store pressure washer where it might freeze while there's water inside the machine ,serious damage will occur to the water system,pump and / or motor.

DISPOSAL AND RECYCLING

Disposal of the appliance

A crossed-out wheelie bin icon means: Batteries and rechargeable batteries, electrical or electronic devices must not be disposed of with household waste. They may contain substances that are harmful to the environment and human health.
Consumers must dispose of waste electrical devices, spent portable batteries and rechargeable batteries separately from household waste at an official collection point to ensure that these items are processed correctly. Information on returning these items is available from the seller. Sellers are required to accept these items free of charge. Batteries and rechargeable batteries, which are not permanently installed in waste electrical devices, must be removed prior to disposal and must be disposed of separately. Lithium batteries and battery packs in all systems must only be retuned to a collection point when discharged. Batteries must always be protected against short circuits by covering the poles with adhesive tape.
All end users are responsible for deleting any personal data stored on waste devices prior to their disposal.

Disposal of the packaging

The packaging consists of cardboard and correspondingly marked plastics that can be recycled. Make these materials available for recycling.

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