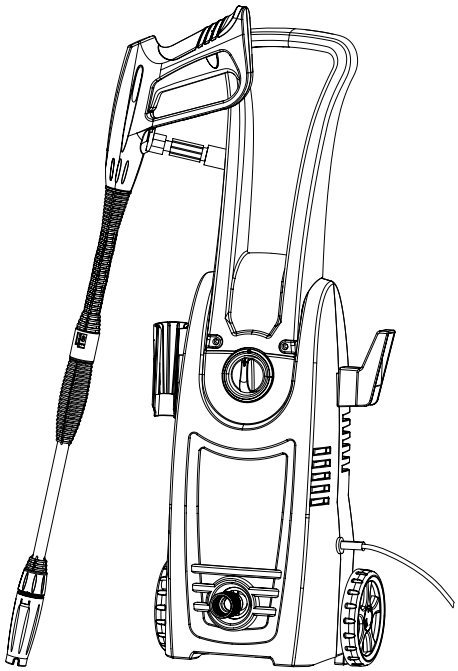
MIGHTY CLEAN



MC1500

English 1

Electric High-Pressure Washer - Operator's Manual

Before operating this product, please read this manual thoroughly and retain it for future reference.

1-866-902-9690
www.MightyCleanUSA.com

Do not return product to place of purchase. If you have any questions, call our toll-free hotline.

1-866-902-9690

www.MightyCleanUSA.com

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IMPORTANT SAFETY INSTRUCTIONS

Before each use, please read all of the safety precautions.
Please pay particular attention to all sections with the following symbols:

⚠ WARNING ⚠

Could cause injury or death if not followed.

⚠ CAUTION ⚠

Could damage machine if not followed.

⚠ WARNING ⚠

When using this product, basic precautions should always be followed, including:

1 Read all instructions before using the product.
2 To reduce the risk of injury, do not operate the product near children.
3 Learn how to stop this product and release pressure quickly. Be thoroughly familiar with the controls.
4 Stay alert - watch what you are doing.
5 Do not operate this product when fatigued or under the influence of alcohol or drugs.
6 Keep operating area clear of all people and pets.
7 Do not stand on unstable surfaces. Do not overreach or stand on unstable support. Keep good footing and balance at all times.
8 Follow the maintenance instructions specified in the manual.
9 This product is provided with a Ground Fault Circuit Interrupter (GFCI) built into the power cord. If replacement of the plug or cord is needed, use only manufacturer replacement parts.
10 This product or its power cord contains lead, a chemical known to cause cancer, birth defects or other reproductive harm. Wash hands after handling.

IMPORTANT SAFETY INSTRUCTIONS

⚠ WARNING ⚠

Risk of Injury

Injection Hazard

- Product can cause serious injury if the spray penetrates the skin.
- Do not point the gun at anyone or any part of the body. In case of penetration, seek medical aid immediately.

⚠ WARNING ⚠

Risk of Injury

Do not direct discharge stream at self or other persons.

- High-pressure jet can be dangerous if misused.
- The jet must not be directed at persons, animals, electrical devices, or the product itself.

⚠ WARNING ⚠

Risk of Explosion - Do Not Spray Flammable Liquids

- Do not use acids, alkaline, solvents or any flammable material in this product. These products can cause physical injuries to the operator and irreversible damage to the pressure washer.

⚠ WARNING ⚠

Risk of Electric Shock

- High-pressure jet can be dangerous if misused.
- The jet must not be directed at persons, animals, electrical devices, or the product itself.

⚠ CAUTION ⚠

Gun Kicks Back

- Hold with both hands.
- The trigger handle safety lock prevents the trigger from being engaged accidentally.
- This safety feature DOES NOT lock trigger in the “On” position.

GENERAL SAFETY AND OPERATION RULES

NOTE: Failure to follow the rules listed below can void the warranty on this product.

1. Never operate the product without all components properly connected to the product (handle, gun/wand assembly, nozzle, etc.).
2. Never operate pressure washer with broken or missing parts. Check product regularly and repair or replace worn or damaged parts immediately.
3. Never put hand or fingers over the nozzle or spray tip while operating the product.
4. Never spray flammable liquids or use pressure washer in areas containing combustible dust, liquids or vapors. An electric spark could cause an explosion.
5. Never leave the wand unattended while the product is running or switched on.
6. Never disconnect the high-pressure discharge hose from the product while the system is pressurized. To release pressure from the product, turn power and water supply off, then depress trigger 2-3 times.
7. Never cover the pressure washer during operation to allow free air cooling.

IMPORTANT SAFETY INSTRUCTIONS

8. Always wear safety glasses or goggles when operating or performing maintenance.
9. Always move switch on product to “Off” position before connecting or disconnecting power cord to electrical outlets.
10. Always turn water supply on before turning pressure washer on unless draining for storage. **Running pump dry causes serious damage.**
11. Always hold trigger handle and wand firmly when starting and operating the product.
12. Always follow detergent manufacturer’s label recommendations for proper use of detergents. Always protect eyes, skin and respiratory system from detergent if used.
13. Always lock the trigger of the trigger handle in the safety position when not in use.
14. Do not use pressure that exceeds the operating pressure of any of the parts (hoses, fittings, etc.) in the pressurized system. Never use with any other manufacturer’s accessories or components.
15. Do not spray electrical apparatus and wiring or the product itself.
16. Do not operate the pressure washer with the inlet water filter removed. Keep filter clear of debris and sediment.
17. Discharge residual pressure by depressing the trigger until no more water comes out of the nozzle.
18. Keep clear of nozzle. Never direct high-pressure spray at any person, animal or self.
19. To minimize the amount of water getting into the pressure washer, the product should be placed as far as possible from the cleaning site during operation.

GROUND FAULT CIRCUIT INTERRUPTER PROTECTION

This pressure washer is provided with a Ground Fault Circuit Interrupter (GFCI) built into the power supply cord. This device provides additional protection from the risk of electrical shock. Should replacement of the plug or cord become necessary, use only manufacturer replacement parts that include GFCI protection. All services must be done by an Authorized Service Technician. Unauthorized service will void warranty. See Page 4 for testing procedure.

⚠ WARNING ⚠

Connect directly to outlet. Do not use product with extension cord. The use of an extension cord could override the GFCI built into the plug of the power supply cord resulting in the risk of electrical shock.

DOUBLE-INSULATION INSTRUCTION



In a double-insulation product, two systems of insulation are provided instead of grounding. No grounding is provided on a double-insulated product, nor should a means for grounding be added to the product.

Servicing a double-insulated product requires extreme care and knowledge of the system, and should be done only by authorized service technician. Replacement parts of a double-insulated product must be manufacturer replacement parts. A double-insulated product is marked with the words **“DOUBLE-INSULATION” or “DOUBLE-INSULATED”.** The symbol “⧈” may also be marked on the product.

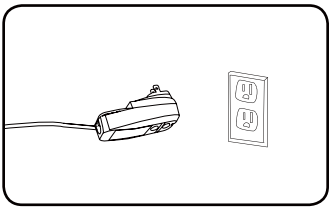
SAVE THESE INSTRUCTIONS

TOTAL STOP SYSTEM

The pressure washer is equipped with a total stop system (TSS) that will sense when the trigger on the handle is depressed or released. It will open the power circuit to the motor, and cause the pressure washer motor to stop. The motor will start again when the trigger is depressed.

⚠ WARNING ⚠

The pressure washer is also equipped with a main power On/Off switch located on the product. It should always be moved to the "Off" position when the pressure washer is not being used to prevent possible injury or damage.



Ground Fault Circuit Interrupter Protection

This device provides additional protection from the risk of electrical shock. Plug the Ground Fault Circuit Interrupter (GFCI) into a power outlet. Indicator should turn red. **TEST BEFORE EACH USE.** Press the "TEST" button. Red indicator should disappear. Press "RESET" button again for use. Do not use if above test fails.

EXTENSION CORD

If possible, do not use extension cords with this product. However, if you must use one, observe all of the warnings and instructions listed below:

⚠ WARNING ⚠

Extension cords are not recommended unless these are plugged into a GFCI protected outlet.

Use a Sufficient Gauge:

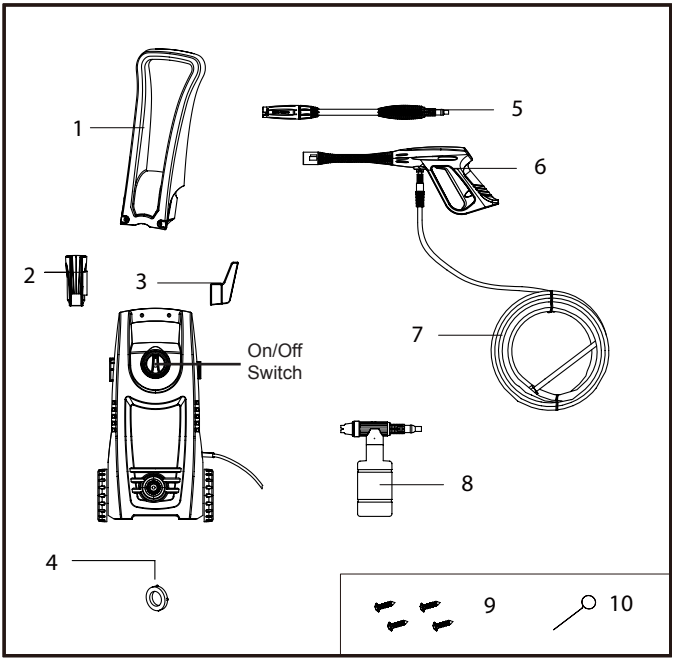
Maximum extension cord length: 50'. Only use 12 or 14 AWG rated extension cords.

- Use only extension cords that are intended for outdoor use. These extension cords are identified by a marking that reads "Acceptable for use with outdoor appliances; store indoors while not in use."
- Use only extension cords 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 the extension cord from the outlet before disconnecting the product from the extension cord.
- To reduce the risk of electric shock, keep all connections dry and off the ground. Do not touch plug with wet hands.

⚠ CAUTION ⚠

This product has been designed for use with detergents that are specifically approved for pressure washer use. The use of other cleaning detergents may affect the operation of the product and void the warranty.

PARTS LIST AND DIAGRAM



Item No.	Quantity	Part Name
1	1	Handle
2	1	Gun Holder
3	1	Power Cord Bracket
*4	1	Water Filter Screen
5	1	Adjustable Wand
6	1	Trigger Handle
7	1	High-pressure Hose
8	1	Detergent Tank
9	4	Screws
10	1	Tip Cleaning Needle

* Water filter comes pre-attached on the water inlet, located on the front of the pressure washer.

Surface Preparation

Before starting any cleaning task, it is important to inspect the area for objects that could create a hazard. Remove any objects from the work area that could be tripped over, such as toys or outdoor furniture. Ensure that all doors and windows are closed tightly.

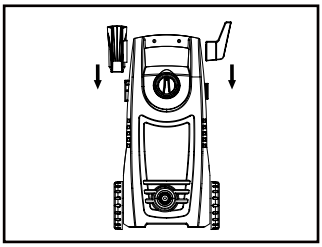
Water Supply (Cold Water Only)

Only draw cold water through the washer. For use with cold water supply only. Water hose must be at least a 1/2" (13 mm) in diameter. Flow rate of water supply must not fall below 2 GPM (gallons per minute). Flow rate can be determined by running the water for one minute into an empty 5-gallon container. Measure the volume of water in the bucket after one minute. The water supply temperature must not exceed 104°F (40°C).

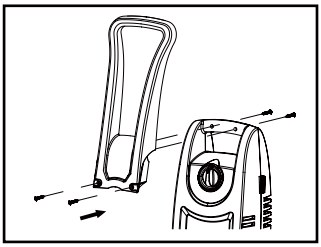
⚠ CAUTION ⚠

- **Never use the pressure washer to draw in water contaminated with solvents (e.g. paint thinners, gasoline, oil, etc.).**
- **Dirt in the water inlet will damage the pressure washer. To avoid this risk, we recommend inspecting and cleaning water inlet regularly.**
- **Always prevent debris from being drawn into the washer by using a clean water source and an additional accessory water filter if required.**
- **To prolong the life of the washer, rest the washer for 5 minutes after every 30 minutes of use.**

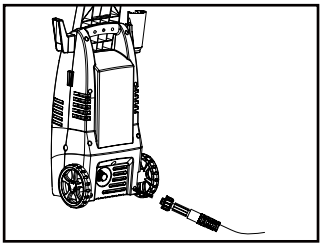
MACHINE ASSEMBLY



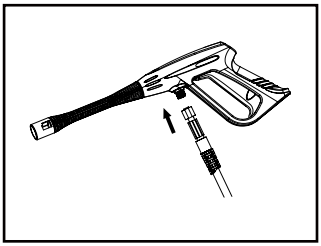
Attach gun holder and power cord bracket.



Assemble handle onto pressure washer. Tighten all screws.

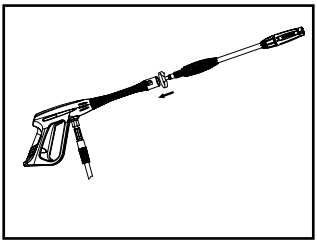


Attach high-pressure hose to the washer's water outlet (hand tighten only).

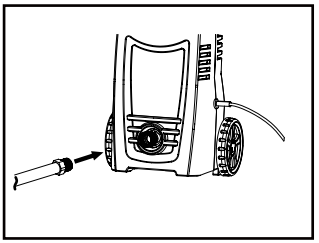


Attach high-pressure hose to the trigger handle (hand tighten only).

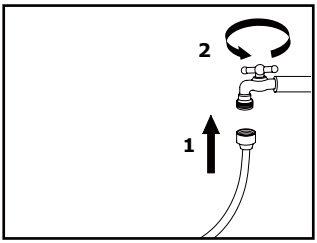
ASSEMBLY AND OPERATION INSTRUCTIONS



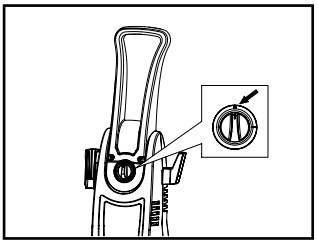
Insert adjustable wand to the trigger handle and twist 1/4 turn to lock in position.



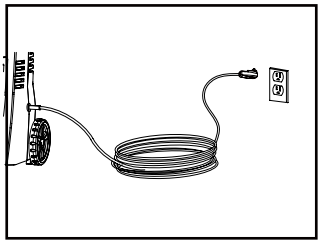
Attach the garden hose to the water inlet (hand tighten only).



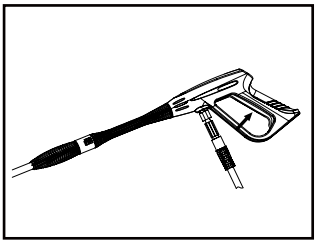
Attach garden hose to water supply and turn water valve on to the full “On” position.



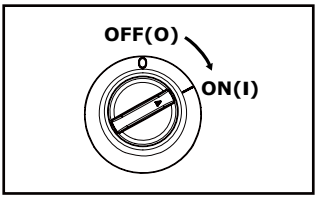
Make sure the On/Off switch is in the “Off” position.



Completely unwind power cord and plug the GFCI into an outlet, ensure there are no other items using the circuit. The GFCI plug light will turn red if the outlet has power.



To allow air to escape from the hose, depress the trigger on the trigger handle until there is a steady stream of water.

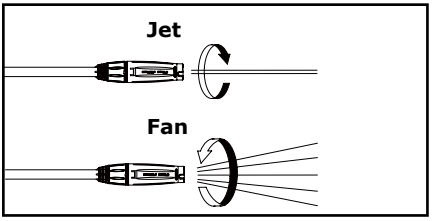


Turn switch to “On” position. **Note**: If no sound is heard this is normal, follow the Operator’s Manual for proper operation.

⚠ CAUTION ⚠

Drain pressure washer after each use.
For storage: remove water connection, turn on the washer for a few seconds and press trigger handle to purge remaining water in the pump. Turn off immediately.

OPERATION INSTRUCTIONS



Adjustable Spray Nozzle

The adjustable spray nozzle can be adjusted from fan to jet. The spray is adjusted by turning the nozzle.

⚠ CAUTION ⚠

Jet spray adjustment is very strong. Do not adjust while spraying.

WORKING WITH DETERGENTS

Working with detergent ensures a quick soaking of the dirt, and allows the high-pressure water to penetrate and remove the dirt more effectively.

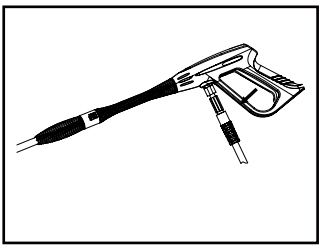
To apply detergents you must be operating at low-pressure. This provides a gentle application of detergent, with the pressure equivalent to a garden hose. The high-pressure setting is used for cleaning, **you cannot apply detergents when working at high-pressure.**

Always test detergent in an inconspicuous area before use.

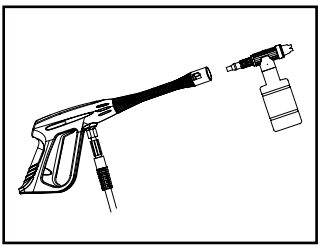
NO BLEACH

⚠ CAUTION ⚠

Only use cleaning detergents recommended for pressure washers.



Engage trigger handle safety lock.



Insert the male end of the tank wand into the trigger handle firmly. While pushing in the tank firmly, turn clockwise until tabs lock into place to ensure a leak free connection. Fill tank with approved pressure washer detergents / soaps only.

ASSEMBLY AND OPERATION INSTRUCTIONS

Turn on the pressure washer. Pull trigger to operate washer. The liquid detergent will automatically mix with water and be discharged through the nozzle at low-pressure.

Allow detergent to remain on the surface for a short time before rinsing. Do not allow detergent to dry on surface.

When you have finished using the detergent injection system, fill detergent tank with clean water. Siphon water at low-pressure for one minute, so that all detergent is flushed through system. Remove detergent tank, and rinse it thoroughly.

⚠ CAUTION ⚠

Damage may occur to painted surfaces if chemical 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.

TAKING A BREAK

Never leave a pressure washer unattended when under pressure and plugged in to a power source.

1. Engage trigger handle safety lock.
2. Turn pressure washer to “Off” (O) position.
3. Unplug the power cord from the outlet.

SHUTTING DOWN AND CLEANING UP

1. Turn the switch to “Off” (O) position.
2. Unplug the power cord from the outlet.
3. Turn off the water supply.
4. Press trigger to release any remaining water pressure.
5. Disconnect the garden hose from the water inlet on the washer.
6. Engage trigger handle safety lock.

⚠ WARNING ⚠

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

⚠ CAUTION ⚠

Failure to clean properly will cause the detergent injection system to become clogged and inoperable.

⚠ CAUTION ⚠

Never use:

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

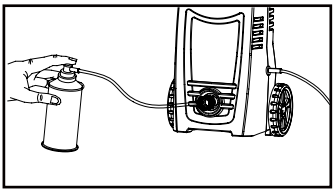
These chemicals will harm the pressure washer and will damage the surface being cleaned.

WINTERIZING AND LONG-TERM STORAGE

OPTIMUM WINTERIZING PROCEDURE

Winterizing your pressure washer will help protect and prolong its life. We strongly recommend you follow the below steps using Pressure Washer Pump Saver*. This will keep the internal parts lubricated, protected from rust, and prevents the pump from freezing.

1. Connect Pressure Washer Pump Saver hose onto the water inlet.
2. Depress button on top of Pump Saver container.
3. Continue until fluid exits the pressure hose.
4. Remove the hose from pump inlet (water inlet).



*NOTE: Pump saver is not supplied with your pressure washer. It can be purchased where you purchased this pressure washer and at most home center stores.
For more information call: 1-866-902-9690.

QUICK WINTERIZING PROCEDURE

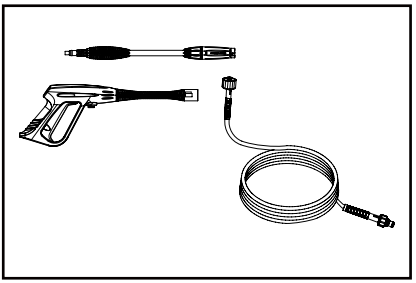
If you cannot do the optimum winterizing procedure, you can still protect your pressure washer from winter-damage by doing the following:

1. Disconnect all water connections.
2. Turn on the washer for a few seconds, until the remaining water in the pump exits. Turn off immediately.
3. Do not allow high-pressure hose to become kinked.
4. Store the washer and accessories in a room that does not reach freezing temperatures. Do not store near furnace or other sources of heat as it may dry out the pump seals.

⚠ CAUTION ⚠

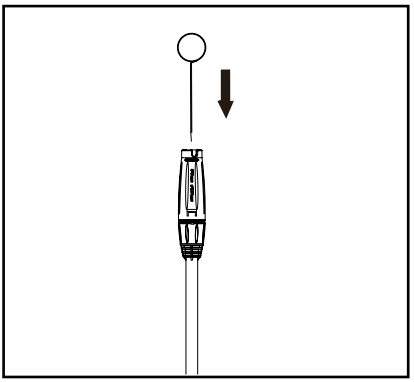
Drain trigger handle assembly of any remaining water. Aim trigger handle downwards and squeeze trigger.

CLEANING AND MAINTENANCE



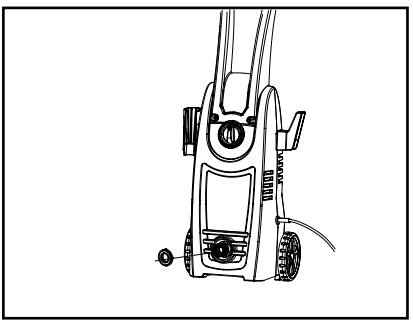
Connections

Connections on pressure washer hoses, trigger handle and adjustable wand should be cleaned regularly and lubricated with non-water soluble grease.



Tip of the Wand Only

A clogged tip can cause pressure build-up, clean immediately. You can clean the wand tip by carefully inserting the tip cleaning needle, or a thin, sharp instrument (i.e. sewing needle) into the tip to remove debris.



Water Filter Screen

The pressure washer is equipped with a water filter screen to protect the pump. If the screen is not kept clean, the flow of water to the pressure washer will be restricted and the pump may be damaged.

1. To clean water filter screen, push the connector inside and remove the filter screen from the water inlet.
2. Rinse screen until it is free of debris and blockage.
3. Replace screen immediately to prevent any foreign matter from entering the pump.

TROUBLESHOOTING

Disconnect the pressure washer from the power source before making any repairs.

Symptom	Cause	Solution
Motor does not run when on, fully connected and trigger depressed.	On/Off switch is in the “Off” (O) position.	Turn switch to the “On” (-) position.
	GFCI is not plugged in.	Plug in GFCI.
	Extension cord is too long. Extension cord is not proper gauge. Extension cord is damaged.	Replace extension cord with either a 25’ (7.6 m) 14/3 gauge cord or a 50’ (15 m) 14/3 gauge cord.
	Electrical outlet does not supply adequate power.	Try a different outlet.
	Tripped pressure washer thermal protector.	Allow to cool, and restart washer.
Washer does not reach high-pressure.	Diameter of garden hose is too small.	Replace with a 1” (25 mm) or 5/8” (16 mm) garden hose.
	Water supply is restricted.	Check garden hose for kinks, leaks and blockage.
	Not enough water supply.	Open water source fully.
	Water filter screen is clogged.	Remove filter and rinse in warm water.
	Power nozzle is in low-pressure position.	Replace with desired high-pressure tip.
	Pump is sucking air.	Check that hoses and fittings are airtight. Turn off washer, and purge pump by squeezing trigger handle until a steady flow of water emerges through the nozzle.

TROUBLESHOOTING

Symptom	Cause	Solution
Output pressure varies high and low.	Not enough inlet water supply.	Turn water on fully. Check garden hose for kinks, leaks or blockage.
	Pump is sucking air.	Check that hoses and fittings are airtight. Turn off washer, and purge pump by squeezing trigger handle until a steady flow of water emerges through the nozzle.
	Water filter screen is clogged.	Remove filter and rinse with warm water.
	Discharge nozzle is obstructed.	Blow out or remove debris with a tip cleaning needle.
	Calcified trigger handle, hose or power nozzle.	Run distilled vinegar through detergent tank.
Detergent is not working.	Detergent container is empty.	Add more detergent.
	Detergent tank not properly connected.	Check connections.
	Detergent is too thick.	Dilute detergent.
	Discharge nozzle is obstructed.	Blow out or remove debris with a tip cleaning needle.

TROUBLESHOOTING

Symptom	Cause	Solution
Garden hose connection leaks.	Loose fittings.	Tighten fittings.
	Missing/worn rubber washer.	Insert new washer.
Spray wand, extension, or nozzle leaks.	Broken o-ring or plastic insert.	Call the Toll-Free Hotline: 1-866-902-9690
Pump is noisy.	Pump is sucking air.	Check that hoses and fittings are airtight. Turn off washer and purge pump by squeezing trigger handle until a steady flow of water emerges through the nozzle.
	Water filter is clogged.	Remove water filter and rinse in warm water.
Water leaks from pump (up to 10 drops per minute is permissible).	Loose fittings.	Check that all fittings are tight.
	Water seals are damaged or worn.	Call the Toll-Free Hotline: 1-866-902-9690
Oil is dripping.	Oil seals are damaged or worn.	Call the Toll-Free Hotline: 1-866-902-9690
Motor buzzes but fails to run.	Supply voltage is below minimum required.	Verify that only the pressure washer is running on this circuit.
	System has residual pressure.	Turn washer off, squeeze trigger on trigger handle to release pressure, then turn washer on.
	Voltage loss due to extension cord.	Unplug any extension cords attached and plug the washer directly into the outlet.

TROUBLESHOOTING

Symptom	Cause	Solution
Motor buzzes but fails to run.	Pressure washer not used for long periods.	Call the Toll-Free Hotline: 1-866-902-9690
	Residual friction among components. Washer might hum.	Disconnect water supply and power on for 2 to 3 seconds, repeat 4-5 times or until the motor starts.
No water.	Water supply is off.	Turn on water supply.
	Kink in the garden hose.	Remove kink in garden hose.

IF YOU HAVE ANY QUESTIONS, CALL OUR TOLL-FREE HOTLINE:

1-866-902-9690

www.MightyCleanUSA.com

TECHNICAL DATA

Power Source Requirement: 120 V / 60 Hz
Rated Current: 10 AMP
Max. Pressure: 1500 PSI
Max. Flow Rate: 1.35 GPM
Electrical Cord: 35’
High-pressure Hose: 20’
Inlet Water: Cold Tap Water, Max. 104°F / 40°C

WARRANTY

Product Warranty

Please keep your original purchase receipt in a safe place as proof of purchase. Warranty coverage for this product must be verified by the original purchase receipt. The warranty period begins on the day that the product was purchased from an authorized retailer of Mighty Clean products. Warranty coverage only applies to the original purchaser and is not transferrable. Warranty coverage is only provided on products purchased from authorized Mighty Clean retailers.

(2) Two-Year Warranty – Pump and Motor

The MC1500 has a 2-Year Limited Warranty from the date of purchase against manufacturer defects for residential use only. Commercial use voids the warranty. This warranty does not cover accidental damage, unreasonable use, normal wear and tear, neglect or non-compliance with the Operating, Safety and Maintenance Instructions. All service, outside of normal maintenance as described in this manual, must be done by an authorized service technician. Any unauthorized service or changes to the original configuration of this product will void the warranty. All parts and accessories used on and with this product must be manufacturer and authorized by SUMEC North America.

(90) Ninety-Day Warranty – Accessories

The accessories included with the MC1500; including hose, trigger handle and wand, and other similar parts are warranted against manufacturer defects for residential use only for a period of 90 days from date of purchase.

Warranty does not cover loss of use or other consequential damages arising from any of the above, nor does it cover repairs made or attempted by unauthorized persons. This warranty is void if the product is used for commercial, rental or industrial purposes. Certain parts, attachments and accessories are subject to normal wear and tear and are excluded from the warranty.

Service and Warranty Claims Process

Contact the Mighty Clean Support Center toll-free at 1-866-902-9690 Monday-Friday between 8:30 AM and 5:00 PM Eastern Time for service and warranty support.

Might Clean USA Service Support agents can help you troubleshoot problems over the phone to get you back up and running as quickly as possible. In the situation where service or warranty inspection is needed, please follow these steps:

1. Contact Mighty Clean USA at 1-866-902-9690 Monday-Friday between 8:30 AM and 5:00 PM Eastern Time.
2. Send in proof-of-purchase and serial number (if applicable) to confirm warranty coverage.
3. If service or a warranty evaluation is requested, Mighty Clean USA will provide an RGA number that should be used in all communications with Mighty Clean USA and is required to be indicated on the product itself and on the outside of the box.
4. All shipments to Mighty Clean USA must have an RGA number. Any shipment received that does not have an RGA number clearly marked on the outside of the box will be refused.
5. All shipments must be sent pre-paid, Mighty Clean USA does not pay for any shipping costs for service or warranty evaluation. Mighty Clean USA is not responsible for any packages that are lost by carrier. We recommend that shipments are made by a carrier that provides tracking and delivery confirmation.

For more information or to ask questions, please call toll-free 1-866-902-9690 Monday-Friday between 8:30 AM and 5:00 PM Eastern Time.



For the full line of Mighty Clean tools, replacement parts or accessories visit:
www.ForceToolsUSA.com

If you have any questions, call our toll-free hotline

1-866-902-9690

www.MightyCleanUSA.com

Manufactured by SUMEC
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Kennesaw, GA 30144

Rev 201502 MC1500