

*Eastwood*

DO THE JOB RIGHT.

Part #14143

# 2175 PSI ELECTRIC PRESSURE WASHER INSTRUCTIONS



The **Eastwood 2175 PSI Electric Pressure Washer** can be used for a variety of tasks around the home. Following the recommended tips below, you can utilize your pressure washer to remove dirt, stains, and more.

**Automotive Cleaning:** To wash your car, motorcycle, or boat, you can choose to add or not to add cleaning agents to the detergent tanks depending on what you are washing. Some detergents may remove wax and grease which could be helpful for under hood and under car cleaning but not good for exterior body panels where you need a waxed surface. It is recommended to first rinse the vehicle with a low pressure rinse by turning the spray adjuster to the fan setting, then follow up with a soapy sponge to clean the entire vehicle. After cleaning the wand can be adjusted to a higher pressure to clean off any detergent. If using high pressure setting on automotive parts keep the spray nozzle outlet at least 8 inches away from the surface to avoid damage. In delicate areas high pressure is not recommended at all.

**Outdoor Household Cleaning:** A pressure washer can be used to outdoor household items including masonry, outdoor equipment and furniture, wood and house siding. Begin by using a low pressure setting by adjusting the wand. Rinse the surface to remove any loose or less stubborn matter. If the surface is stained it may be necessary to use a detergent to aid in removing the stain. Apply the detergent in a small area at a time (20ft or less) and allow the detergent to soak for a few minutes followed by a high pressure rinse. Test in a hidden area to determine how high of a pressure can be used and spray distance as using too high of a pressure and too close of a spray distance may damage the surface.



## SPECIFICATIONS

- **Maximum Pressure:** 2175 PSI
- **Working Pressure:** 1450 PSI
- **Maximum Water Flow:** 1.6 GPM
- **Voltage:** 120 VAC
- **Maximum Amp Draw:** 16.6 Amps
- **Maximum Water Temperature:** 140°F (60°C)

## SAFETY

- Carefully read the operating instructions before using the pressure washer.
- Always wear anti-slip footwear.
- Always wear protective eyewear.
- Use close supervision when pressure washer is in use near children.
- Understand all operating instructions and how to quickly shut down and release pressure.
- Keep alert with what you are doing.
- Do not use the pressure washer while under the influence of drugs or alcohol.
- Do not operate with other people in the surrounding area.
- Follow maintenance procedures listed in this manual for increased safety.
- This pressure washer uses a Ground Fault Circuit Interrupter (GFCI) incorporated into the power plug, do not modify or change the power cord or plug.
- Do not discharge high pressure water stream at other persons due to risk of injury or injection. If penetrated, seek medical attention immediately.
- The high pressure spray must not be directed at animals, persons, the unit itself, electrical devices, flammable materials, or high pressure materials.
- Do not add the following items to the water supply or detergent tank: solvents, acids, alkaline, or flammable materials. This can cause irreversible damage to the equipment and personal injury.
- Keep the unit itself, power cord, plug, and all connections dry and off the ground.
- Inspect power cord and plug before each use.
- If any components are damaged, do not operate.
- Do not touch plug or power cord with wet hands.
- Do not use an extension cord.
- Only connect to a properly grounded circuit equipped with a circuit breaker.

## ASSEMBLY

### HIGH PRESSURE HOSE CONNECTION

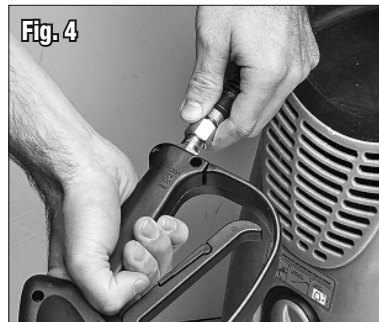
1. Connect the end of the High Pressure hose on the hose reel to the back of the pressure washer (Fig 1).
2. Thread the fittings together hand tight.

### WATER SUPPLY ADAPTER CONNECTION

1. Thread one end of the Female to Female Water Supply Adaptor onto the water supply inlet on the front of the pressure washer (Fig 2).

### SPRAY WAND ASSEMBLY

1. Connect the two sections of the spray gun together by tightening the threads (Fig 3).
2. Tighten until hand tight.
3. Connect the High Pressure Hose on the reel to the spray wand inlet fitting by threading the fitting on the end of the hose onto the wand. Tighten till snug with a wrench (Fig 4).



## OPERATION

### CONNECT THE WATER SUPPLY

1. Determine a water supply which has a flow rate of no less than 2 GPM (Gallons per Minute). This can be tested by allowing water to flow into a 5 gallon bucket for 1 minute and then measuring the amount of water in the bucket.  
**Always use a clean water supply!**
2. To connect the water supply to the Pressure Washer you must supply a hose with a minimum 5/8" diameter.
3. Connect the hose to the water supply.
4. Connect the other end of the hose to the pressure washer water inlet connector (Fig 5).

### CONNECTING THE ELECTRICAL POWER

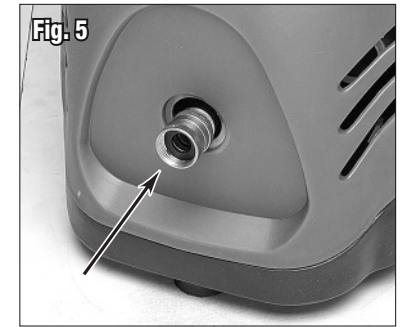
1. Plug the GFCI Plug into an electrical outlet.
2. Press the 'Reset' button on the plug and the indicator light should be illuminated (Fig 6).
3. Press the 'Test' button on the plug and the indicator light should turn off (Fig 7).
4. Press the 'Reset' button again to activate the plug's power. By turning the plug on and off, it tests that the GFCI plug is functioning properly. This should be performed before each use to ensure electrical safety.

**Do not use pressure washer if the plug fails the test.**

### OPERATING THE PRESSURE WASHER

1. Turn on valve of water supply.
2. With the pressure washer off, squeeze the trigger on the spray wand until a steady stream of water exits the nozzle.
3. Turn the power switch to 'ON'.
4. Once the trigger of the spray wand is pulled, the electric motor will run and pressurize the water as it is used. **When the trigger is released, the motor will stop running.**
5. The spray wand features an adjustable spray pattern which changes from a stream to a fan by rotating the nozzle by hand (Fig 8).

Refer to page 2 for usage instructions and tips on when to use different spray patterns.



## USING DETERGENTS

The Eastwood 2175 PSI Electric Pressure Washer has dual on board detergent tanks to make cleaning easier by applying chemicals that will help remove difficult to remove stains and residue. The dual tanks allow you to use two different types of cleaning agents without having to drain the tank or you can fill both of the tanks with the same detergent for an additional supply when the first one runs out. When selecting a detergent do not use any that contain any of the following chemicals: solvents, acids, alkaline, bleach, chlorine, corrosives, ammonia, tri sodium phosphate, or flammable materials. The use of biodegradable cleaners is highly recommended to allow for easier clean up and offer less environmental impact.

1. Fill either one or both of the on board detergent tanks (Fig 9).
2. Adjust the detergent selector knob to choose the detergent bottle you would like the pressure washer to spray. Turning the knob more toward the '+' will allow for more detergent to enter the spray stream.
3. Adjust the spray wand to spray on low pressure. The detergent will not dispense when set to high pressure.
4. Turn on the pressure washer and activate the spray wand to begin dispensing detergent.
5. After finished using the detergent empty the bottle and clean with water.
6. Fill the detergent bottle with water and set the washer to pull some of the water from the bottle to flush the detergent lines.

## SHUT DOWN

1. Turn the Power Switch to the 'OFF' position and unplug the power supply.
2. Turn off the water supply.
3. Press the trigger on the Spray Wand for 3-5 seconds to depressurize the system.
4. Store the Pressure Washer in a dry area.



## STORAGE & WINTERIZATION

If the pressure washer is not going to be used for an extended period of time (> 1 Month) a winterization or long term storage procedure must be performed to prevent damage to the washer.

1. Disconnect the water supply if attached and follow the shut down procedure listed the Operating Instructions section of this instruction manual.
2. Apply a "pump guard type" product to the washer to lubricate the pump and help protect against freezing temperature.
3. Store the pressure washer in a dry area which does not go below freezing temperatures.

## TROUBLESHOOTING

- **Output pressure is low:**
  - **The water supply does not have adequate flow or pressure.**  
Connect the Pressure Washer to a water supply that has a flow rate of no less than 2 GPM.
  - **The water supply hose has too small of a diameter.**  
Use a water supply hose with an inner diameter of no less than 5/8".
  - **The Adjustable Wand is set on low pressure.**  
Adjust the Wand to high pressure by turning the Adjustment Knob on the end of the Wand.
- **Output pressure surges high and low:**
  - **Spray Wand is clogged.**  
Depressurize, turn off, and unplug the Pressure Washer. Inspect the Nozzle in the Wand for any clogging and clean using a thin wire.
  - **Air is getting sucked into the pump.**  
Check the High Pressure and water supply hoses for leaks.
  - **The water supply does not have adequate flow or pressure.**  
Connect the Pressure Washer to a water supply that has a flow rate of no less than 2 GPM.
  - **The water supply hose has too small of a diameter.**  
Use a water supply hose with an inner diameter of no less than 5/8".
- **Motor stops running and will not turn on:**
  - **The Thermal Overload Breaker has tripped.**  
Turn off and unplug the Pressure Washer and allow to cool for 10 minutes. After the motor has cooled, usage can be resumed.
- **Motor will not turn on:**
  - **The Power Cord is not plugged in.**  
Connect the Power Cord to a proper power supply.
  - **There is not sufficient power coming from the power supply.**  
Inspect power supply to ensure that it is producing 120VAC with a minimum of 15 Amps.
  - **The GFCI Plug is tripped.**  
Press the reset on the GFCI Plug and follow the test procedure to ensure it is working properly..
  - **The Power Switch is in the OFF position.**  
Turn the Power Switch to the ON position.

---

**If you have any questions about the use of this product, please contact**

The Eastwood Technical Assistance Service Department: 800.544.5118 >> email: [techhelp@eastwood.com](mailto:techhelp@eastwood.com)

PDF version of this manual is available online >> [eastwood.com/14143manual](http://eastwood.com/14143manual)

The Eastwood Company 263 Shoemaker Road, Pottstown, PA 19464, USA

US and Canada: 800.345.1178 Outside US: 610.718.8335

Fax: 610.323.6268 [eastwood.com](http://eastwood.com)