Hart HW142112

HART 2000 PSI Electric Pressure Washer & Detergent Tank

MODEL: HW142112

Introduction

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your HART 2000 PSI Electric Pressure Washer. Please read this manual thoroughly before operating the unit to ensure proper use and to prevent injury or damage.



The HART 2000 PSI Electric Pressure Washer, designed for effective outdoor cleaning.

Important Safety Information

Always observe basic safety precautions when using this product to reduce the risk of injury, electric shock, or fire.

- Read all instructions before operating the pressure washer.
- Wear appropriate eye protection (safety glasses) and hearing protection during operation.
- Ensure the unit is connected to a grounded outlet with a Ground Fault Circuit Interrupter (GFCI) as provided by the 35-foot electrical cord.
- Do not direct the spray at people, pets, or electrical devices.
- Keep the operating area clear of obstructions and ensure stable footing.

- Never operate the unit without a water supply connected and turned on.

Package Contents

Verify that all items are present in the package:

- HART 2000 PSI Electric Pressure Washer Unit
- High-Pressure Hose (25 feet)
- Spray Gun with Trigger Handle
- Quick-Connect Spray Tips (3 included)
- Detergent Tank
- Electrical Cord with GFCI (35 feet)
- Operator's Manual



Front view of the pressure washer, showing the main unit and hose connections.

Assembly & Setup

Follow these steps to assemble and set up your pressure washer:

1. **Attach the Handle/Frame:** Secure the upper handle to the main unit frame using the provided hardware. Ensure it is firmly in place for stability and transport.
2. **Connect the High-Pressure Hose:** Attach one end of the 25-foot high-pressure hose to the pressure washer's high-pressure outlet and the other end to the spray gun. Hand-tighten securely.
3. **Connect the Water Supply:** Connect a standard garden hose (not included) to the water inlet on the pressure

washer. Ensure the garden hose is free of kinks and has a steady water supply.

4. **Install Spray Tip:** Select the desired quick-connect spray tip and insert it into the spray gun's nozzle holder until it clicks into place.
5. **Fill Detergent Tank (Optional):** If using detergent, fill the onboard detergent tank with an appropriate pressure washer detergent.
6. **Connect Power:** Plug the 35-foot GFCI electrical cord into a grounded 120V AC outlet. Press the RESET button on the GFCI plug if necessary.





Left: Side view illustrating the overall structure. Right: Close-up of the durable 10-inch wheel for easy transport.

Operating Instructions

Follow these steps for safe and effective operation:

1. **Prepare for Operation:** Ensure all connections (water, high-pressure hose, power) are secure. Turn on the water supply completely.
2. **Purge Air from System:** Before turning on the power, squeeze the spray gun trigger to allow water to flow through the system for about 30 seconds. This purges air from the pump and hoses.

3. **Start the Unit:** Turn the pressure washer's power switch to the "ON" position. The motor will start.
4. **Begin Cleaning:** Squeeze the spray gun trigger to start the high-pressure spray. Maintain a safe distance from the surface being cleaned.
5. **Using Spray Tips:** The unit comes with 3 quick-connect spray tips. Change tips by pulling back the collar on the spray gun and inserting the desired tip. Always turn off the unit and release pressure before changing tips.
6. **Applying Detergent:** For detergent application, ensure the detergent tank is filled. The pressure washer will automatically draw detergent when using the appropriate low-pressure tip (usually a black or wide-angle tip).
7. **Shutting Down:** To stop operation, release the spray gun trigger. Turn the power switch to the "OFF" position. Turn off the water supply. Squeeze the trigger to release any remaining pressure in the system.





Left: Product label indicating 2000 PSI and 1.2 GPM. Right: The spray gun with trigger and nozzle connection point.

Maintenance

Regular maintenance ensures optimal performance and extends the life of your pressure washer.

- **Nozzle Cleaning:** If the nozzle becomes clogged, use the included nozzle cleaning tool (or a small paper clip) to clear any debris.
- **Water Inlet Filter:** Periodically check and clean the water inlet filter to prevent debris from entering the pump.
- **Storage:** Store the pressure washer in a dry, protected area where temperatures will not fall below freezing.
- **Winterization:** If storing in freezing temperatures, drain all water from the pump, hose, and spray gun. Consider using a pump protector solution.



View of the pump and motor assembly, critical for maintenance checks.

Troubleshooting

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
Motor does not start	Power cord not plugged in; GFCI tripped; No power at outlet; Low voltage.	Ensure plug is fully inserted; Reset GFCI; Check circuit breaker; Use a dedicated circuit.
No water pressure or low pressure	Water supply off; Kinked garden hose; Clogged inlet filter; Air in pump; Clogged nozzle.	Turn on water supply; Straighten hose; Clean filter; Purge air from pump; Clean nozzle.

Problem	Possible Cause	Solution
Detergent not dispensing	Detergent tank empty; Wrong spray tip used; Detergent line clogged.	Refill tank; Use low-pressure (black) tip; Clear detergent line.
Unit cycles on and off when not spraying	Air in pump; Leak in high-pressure hose or connections.	Purge air from pump; Check all connections for leaks and tighten.

Technical Specifications

Specification	Value
Brand	Hart
Model Number	HW142112
Power Source	Corded Electric
Maximum Pressure	2000 PSI
Maximum Flow Rate	1.2 GPM
Hose Length	25 Feet
Electrical Cord Length	35 Feet (with GFCI)
Item Weight	42 Pounds
Product Dimensions (L x W x H)	14" x 17" x 23"
Certification	PWMA Certified
UPC	604467524651

Warranty & Support

This HART 2000 PSI Electric Pressure Washer comes with a Limited 3-Year Warranty. Please refer to the warranty card included with your product for specific terms and conditions.

For technical assistance, replacement parts, or warranty claims, please contact HART customer support. Keep your purchase receipt and model number readily available when contacting support.

For more information, you may visit the official HART website or contact their customer service line.

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