

## LAND LHP12160H

# LAND LHP12160H Electric Pressure Washer User Manual

Model: LHP12160H | Brand: LAND

## 1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your LAND LHP12160H Electric Pressure Washer. Please read this manual thoroughly before first use and retain it for future reference.

The LAND LHP12160H is an 1800W electric pressure washer designed for various cleaning tasks, generating up to 3000 PSI. It is suitable for cleaning surfaces such as houses, RVs, cars, decks, driveways, and garden equipment.

## 2. SAFETY INFORMATION

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- Ensure the power source matches the voltage specified on the pressure washer.
- Do not operate the pressure washer in the rain or near standing water.
- Wear appropriate personal protective equipment, including eye protection.
- Never point the spray gun at people, pets, or electrical outlets.
- Keep children and bystanders away from the operating area.
- Disconnect the power supply before performing any maintenance or cleaning.

## 3. PRODUCT COMPONENTS

Familiarize yourself with the main components of your LAND LHP12160H pressure washer.



Figure 1: Main unit, spray gun, high-pressure hose, and various nozzles.

- **Main Unit:** Contains the motor, pump, and detergent tank.
- **Spray Gun:** Handheld device for directing the high-pressure water stream.

- **High-Pressure Hose:** Connects the main unit to the spray gun (26 ft length).
- **Nozzles:** Interchangeable tips for different spray patterns and intensities. Includes 0°, 15°, 25°, 40°, Lotus/Turbo, and black soap nozzles.
- **Water Inlet Connector:** For connecting a garden hose to the pressure washer.
- **Wheels:** For easy portability of the unit.

## 4. SETUP AND ASSEMBLY

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Follow these steps to assemble and prepare your pressure washer for use.

1. **Attach High-Pressure Hose:** Connect one end of the high-pressure hose to the outlet on the main unit and the other end to the spray gun. Ensure connections are secure to prevent leaks.
2. **Connect Water Supply:** Attach a standard garden hose to the water inlet connector on the pressure washer. Ensure the water supply is turned on fully before starting the unit. The maximum water inlet temperature is 140°F (60°C).
3. **Install Nozzle:** Select the desired nozzle (e.g., 25° for general cleaning) and insert it into the quick-connect collar on the spray gun wand. Pull back the collar, insert the nozzle, and release the collar to lock it in place.
4. **Fill Detergent Tank (Optional):** If using detergent, fill the built-in detergent tank with an appropriate pressure washer-safe cleaning solution.



**Figure 2:** Visual guide for connecting the high-pressure hose and installing nozzles.

## 5. OPERATING INSTRUCTIONS

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Follow these steps for safe and effective operation of your pressure washer.

1. **Power On:** Plug the power cord into a grounded electrical outlet.

2. **Purge Air:** Before turning on the unit, squeeze the trigger on the spray gun to allow water to flow through the system and purge any air. This helps protect the pump.
3. **Start Pressure Washer:** Turn the power switch to the "ON" position. The motor will start, and the pump will build pressure.
4. **Begin Cleaning:** Squeeze the trigger to start the high-pressure spray. Release the trigger to activate the Total Stop System (TSS), which automatically shuts off the pump to save energy and prolong its life.
5. **Adjust Spray Pattern:** Change nozzles as needed for different cleaning tasks. Refer to the nozzle guide below.
6. **Applying Detergent:** To apply detergent, use the black soap nozzle. The pressure washer will automatically draw detergent from the tank at low pressure.
7. **Shut Down:** When finished, turn the power switch to "OFF," turn off the water supply, and squeeze the trigger to release any remaining pressure in the system. Disconnect the garden hose and power cord.

## 5.1 Nozzle Selection Guide

The LAND LHP12160H includes 6 function nozzles for various applications:



**Figure 3:** Illustration of different nozzle types and their corresponding spray patterns.

- **0° Red Nozzle:** Pin-point jet stream for intense cleaning of small, stubborn spots. Use with extreme caution.
- **15° Yellow Nozzle:** Narrow, high-pressure spray for concentrated cleaning on hard surfaces.
- **25° Green Nozzle:** Medium-angle spray for general cleaning of most surfaces.
- **40° White Nozzle:** Wide-angle spray for gentle cleaning of delicate surfaces or large areas.

- **Black Soap Nozzle:** Low-pressure spray for applying detergents.
- **Lotus/Turbo Nozzle:** Creates a rotating jet stream for powerful cleaning over a wider area, effective on tough stains.



**Figure 4:** Examples of the pressure washer being used for cleaning cars, patios, and other outdoor surfaces.

## 6. MAINTENANCE

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

- **After Each Use:**
  - Flush the system with clean water to remove any detergent residue.
  - Wipe down the exterior of the unit with a damp cloth.
  - Drain all water from the pump, hose, and spray gun to prevent freezing in cold weather.
- **Nozzle Cleaning:** If a nozzle becomes clogged, use the included nozzle cleaning tool (or a small wire) to clear any debris.
- **Storage:** Store the pressure washer in a dry, frost-free location. Coil the high-pressure hose and power cord neatly. The unit features storage devices for the power cord, gun, and most accessories.



**Figure 5:** The pressure washer unit highlighting its wheels for mobility and integrated storage for accessories.

## 7. TROUBLESHOOTING

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Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not start.	No power supply; tripped circuit breaker; faulty switch.	Check power connection; reset circuit breaker; contact customer support.
Low pressure.	Insufficient water supply; clogged nozzle; air in pump; leak in hose/connections.	Ensure water supply is fully open; clean nozzle; purge air by squeezing trigger; check all connections for leaks.
Water leaks from connections.	Loose connections; worn O-rings/gaskets.	Tighten connections; replace O-rings/gaskets if damaged. The brass connection adapters include built-in rubber gaskets to minimize leaks.
Motor runs but no water sprays.	No water supply; clogged inlet filter; air in pump.	Check water supply; clean inlet filter; purge air from system.

## 8. SPECIFICATIONS

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Technical specifications for the LAND LHP12160H Electric Pressure Washer.

- **Model:** LHP12160H
- **Power Source:** Corded Electric
- **Motor:** 1800W
- **Maximum Pressure:** Up to 3000 PSI
- **Maximum Flow Rate:** 1.76 Gallons Per Minute (GPM)




- **Hose Length:** 26 Feet
- **Maximum Water Inlet Temperature:** 140°F (60°C)
- **Item Weight:** 23.5 Pounds
- **Product Dimensions:** 11.6"L x 10.9"W x 3.7"H
- **Safety Certification:** CSA
- **Features:** Total Stop System (TSS), Built-in Detergent Tank, 6 Nozzle Types.

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact LAND customer service. Keep your purchase receipt as proof of purchase.  
For further assistance, you may visit the [LAND Store on Amazon](#).



### Related Documents - LHP12160H

	<p><a href="#">GUIDE ThermoPro™ TP8 Thermal Imaging Camera - Industrial Inspection &amp; Monitoring</a></p> <p>Explore the GUIDE ThermoPro™ TP8, a high-resolution thermal imaging camera designed for plant condition monitoring, structural integrity inspection, and quality control. Features include advanced IR detection, radiometric recording, and comprehensive analysis software.</p>
	<p><a href="#">Land Rover Windscreen Washer System Maintenance</a></p> <p>Guide to refilling and maintaining the Land Rover windscreen washer fluid system, including instructions for cleaning and adjusting washer jets.</p>
	<p><a href="#">Tire Pressure Monitoring System (TPMS) Guide</a></p> <p>Information on the Tire Pressure Monitoring System (TPMS) for vehicles, including how it works, what to do in case of low pressure or system faults, and procedures for changing tires.</p>



### [Land Rover Maintenance and Servicing Guide](#)

Comprehensive guide to maintaining and servicing your Land Rover, covering essential checks, fluid levels, DPF regeneration, and interior/exterior cleaning procedures.



### [Acquiring Land and Conservation Easements Guide](#)

A comprehensive guide to acquiring land and conservation easements, covering legal frameworks, process development, and funding mechanisms. Learn about land trust standards, roles, and responsibilities in conservation.



### [Tire Pressure Monitoring System \(TPMS\) Guide for Land Rover](#)

Learn about the Land Rover Tire Pressure Monitoring System (TPMS), including how it works, what warnings mean, and how to manage it during tire changes or with temporary spare tires.