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### Lavor 8.092.0100C

# LAVOR NJ PLUS 130 TOP Pressure Washer Instruction Manual

Model: 8.092.0100C

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## 1. INTRODUCTION

The LAVOR NJ PLUS 130 TOP is a high-pressure washer designed for various outdoor cleaning tasks. It is suitable for cleaning garden fences, driveways, patios, wooden and stone surfaces, walls, house facades, courtyards, and vehicles. This manual provides essential information for the safe and effective operation and maintenance of your pressure washer. Key features include a maximum pressure of 130 bar, a flow rate of 420 l/h, and an 1800 W motor. It features three steel pistons, an aluminum axial pump head with an integrated By-Pass valve, and an automatic stop system to conserve energy and extend pump life.





Figure 1: The LAVOR NJ PLUS 130 TOP Pressure Washer, showing its compact design and integrated handle and wheels for portability.

## 2. SAFETY INFORMATION

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury. Read all instructions carefully before use.

- **Eye Protection:** Always wear appropriate eye protection, such as safety goggles, to shield against high-pressure spray.

- **Footwear:** Wear sturdy, non-slip footwear to maintain balance and protect feet.
- **Electrical Safety:** Ensure the power outlet is grounded and suitable for outdoor use. Do not operate the pressure washer with damaged cords or plugs. Keep all electrical connections dry and off the ground.
- **Water Connection:** Connect the pressure washer to a cold water supply only. Do not use hot water.
- **Nozzle Safety:** Never direct the high-pressure jet at people, animals, electrical equipment, or the unit itself. The high pressure can cause serious injury.
- **Children and Pets:** Keep children and pets away from the operating area.
- **Chemicals:** Use only detergents recommended for pressure washers. Follow detergent manufacturer's instructions for use and disposal.
- **Automatic Stop System:** The unit features an automatic stop system. When the trigger is released, the pump stops. This reduces wear and saves energy.

### 3. PACKAGE CONTENTS

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Verify that all components are present in the package:

- LAVOR NJ PLUS 130 TOP Pressure Washer Unit
- High-pressure gun
- 6-meter high-pressure hose with quick connection
- Lance with rotary turbo nozzle
- Lance with Variojet nozzle (adjustable jet)
- Fixed brush
- Adjustable foam system
- Instruction Manual

### 4. SETUP

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Follow these steps for initial assembly and preparation:

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Handle Assembly:** Attach the handle to the main unit if it is not already pre-assembled. Ensure it clicks securely into place.
3. **Hose Connection:** Connect the 6-meter high-pressure hose to the pressure washer unit and to the high-pressure gun. Ensure connections are tight to prevent leaks.
4. **Water Supply:** Connect a garden hose (not included) to the water inlet of the pressure washer. Ensure the water supply is clean and free of debris. Turn on the water supply fully.
5. **Nozzle Attachment:** Select the desired nozzle (turbo, Variojet, or brush) and attach it to the lance, then connect the lance to the high-pressure gun.
6. **Purging Air:** Before connecting to power, squeeze the trigger on the gun to allow water to flow through the system and purge any air. This protects the pump.
7. **Power Connection:** Plug the power cord into a suitable grounded electrical outlet.

### 5. OPERATING INSTRUCTIONS

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Operating the LAVOR NJ PLUS 130 TOP pressure washer is straightforward. Always ensure you have read the safety information before beginning.

1. **Starting the Unit:** Turn the pressure washer ON using the power switch. The pump will start and build pressure.
2. **Using the Gun:** Point the gun at the surface to be cleaned, keeping a safe distance. Squeeze the trigger to start the high-pressure water flow. Release the trigger to stop the flow; the automatic stop system will engage.
3. **Adjusting Spray Pattern (Variojet Nozzle):** The Variojet nozzle allows you to adjust the spray pattern from a concentrated pencil jet to a wide fan spray by rotating the nozzle head.
4. **Turbo Nozzle:** The rotary turbo nozzle provides a powerful, oscillating jet for stubborn dirt and grime on hard surfaces.
5. **Fixed Brush:** Attach the fixed brush for gentle cleaning of surfaces that require scrubbing, such as vehicles or delicate patio furniture.
6. **Adjustable Foam System:**
  - Fill the detergent tank of the foam system with a suitable pressure washer detergent.
  - Attach the foam system to the high-pressure gun.
  - Adjust the foam concentration as needed.
  - Apply foam to the desired surface, allow it to dwell, then rinse with a high-pressure jet.
7. **Cleaning Techniques:**
  - Start cleaning from top to bottom to allow gravity to assist in removing dirt.
  - Maintain an appropriate distance from the surface to avoid damage. Test on an inconspicuous area first.
  - Use sweeping motions to ensure even cleaning.
8. **Shutting Down:**
  - Turn off the power switch.
  - Turn off the water supply.
  - Squeeze the trigger on the gun to release any remaining pressure in the system.
  - Disconnect the garden hose and high-pressure hose.



Figure 2: Demonstrating the use of the adjustable foam system for vehicle cleaning. The pressure washer effectively applies a thick layer of foam.



Figure 3: Illustrating the high-pressure jet cleaning a stone pedestal and tiled patio, removing dirt and grime from outdoor surfaces.



Figure 4: A user cleaning a grill with the fixed brush attachment, showcasing its utility for scrubbing tasks.

## 6. MAINTENANCE

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

- **Cleaning Nozzles:** Periodically check nozzles for blockages. Use the provided nozzle cleaning tool (if applicable) to clear any debris.
- **Water Inlet Filter:** Inspect and clean the water inlet filter regularly to prevent debris from entering the pump.
- **Hose and Connections:** Check hoses and connections for wear, cracks, or leaks. Replace damaged parts immediately.
- **Storage:** Before storing, ensure all water is drained from the pump and hoses, especially in freezing temperatures. Store the unit in a dry, frost-free location.
- **Winterization:** For prolonged storage in cold climates, consider using a pump protector or antifreeze solution to prevent damage.

## 7. TROUBLESHOOTING

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 service if switch is faulty.
Low pressure	Insufficient water supply; clogged nozzle; air in pump; worn pump seals.	Ensure full water supply; clean nozzle; purge air from system; contact service for pump issues.

Problem	Possible Cause	Solution
Water leaks	Loose connections; damaged O-rings or seals; cracked hose.	Tighten connections; replace O-rings/seals; replace damaged hose.
Motor stops frequently	Overheating; automatic stop system engaging due to trigger release.	Allow unit to cool; this is normal operation when trigger is released.

## 8. SPECIFICATIONS

Technical specifications for the LAVOR NJ PLUS 130 TOP Pressure Washer:

Feature	Detail
Model Number	8.092.0100C
Maximum Pressure	130 bar
Maximum Flow Rate	420 l/h
Power Consumption	1800 W
Pump Type	Axial pump with 3 steel pistons
Pump Head Material	Aluminum
Hose Length	6 meters
Product Dimensions (L x W x H)	32 x 26 x 26 cm
Weight	8.5 kg
Material	Aluminum (pump head), Steel (pistons)
Power Source	Electric cable

## 9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official Lavor website. Keep your proof of purchase for warranty claims.

Spare parts availability is listed as 10 years. For specific spare parts or technical assistance, contact Lavor customer service.

