

DEWALT DWPW2400

DEWALT Electric Pressure Washer Instruction Manual

Model: DWPW2400

Brand: DEWALT

1. INTRODUCTION AND OVERVIEW

The DEWALT DWPW2400 Electric Pressure Washer is a powerful and mobile cold-water cleaning solution designed for various outdoor tasks. With a maximum pressure of 2400 PSI and a flow rate of 1.1 GPM, it efficiently tackles dirt and grime on surfaces such as driveways, patios, siding, and vehicles. This unit is built for durability and ease of use, featuring integrated storage for accessories and robust pneumatic wheels for easy transport. Key features include a powerful induction motor, five quick-connect nozzles for versatile cleaning, an integrated soap tank for detergent application, a 25-foot kink-resistant hose, and a 35-foot power cord for extended reach. The 10-inch premium pneumatic wheels ensure smooth maneuverability across various terrains.



Figure 1: The DEWALT DWPW2400 Electric Pressure Washer, showcasing its compact design and integrated components.

2. SETUP AND ASSEMBLY

Before operating your DEWALT pressure washer, ensure all components are present and properly assembled. Refer to the included parts list for verification.

2.1 Unboxing and Component Identification

Carefully remove all items from the packaging. The box should contain the main pressure washer unit, the frame handle, high-pressure hose, spray wand, spray handle, five quick-connect nozzles, and the instruction manual.



ON-BOARD REMOVABLE SOAP TANK

Figure 2: All components of the pressure washer laid out for assembly, including the main unit, handle, hoses, and nozzles.

2.2 Attaching the Frame Handle

Align the upper poles of the frame handle with the corresponding lower poles on the main unit. Push in the detent pins on the upper poles and slide the frame handle downwards until the pins click securely into place. This handle also serves as convenient storage for the spray nozzles.



Figure 3: The control panel and nozzle storage area on the frame handle.

2.3 Tire Inflation (If Needed)

The 10-inch pneumatic wheels may require inflation upon arrival. Use a standard tire inflator to bring them to the recommended pressure (check tire sidewall for PSI). Properly inflated tires ensure optimal mobility across various surfaces.



10 IN. PNEUMATIC TIRES

Figure 4: Detail of the durable 10-inch pneumatic wheels.

2.4 Connecting the Spray Wand and Handle

Insert the spray wand into the spray handle. Twist clockwise until it is securely fastened. Ensure a tight connection to prevent leaks during operation.

2.5 Connecting the High-Pressure Hose

Attach one end of the 25-foot kink-resistant high-pressure hose to the spray handle by inserting it and tightening the collar clockwise. Connect the other end of the hose to the high-pressure outlet on the main unit, screwing it on until secure.

2.6 Connecting the Water Supply

Attach a standard garden hose (male end) to the water intake on the pressure washer. Hand-tighten the connector. It is recommended to flush the garden hose for a few seconds before connecting it to the unit to remove any debris that could clog the system.

2.7 Adding Detergent (Optional)

For tasks requiring detergent, fill the integrated soap tank with an appropriate pressure washer detergent. The tank is easily accessible on the top of the unit.

INCLUDES

TOOL - DWPW2400

(1) DWPW2400 PRESSURE WASHER, (5) NOZZLES,
(1) WAND, (1) 25 FT. HOSE



Figure 5: Opening the integrated soap tank for detergent filling.



Figure 6: Filling the integrated soap tank with pressure washer detergent.

3. OPERATING INSTRUCTIONS

Once assembled and connected to a water source, your pressure washer is ready for operation.

3.1 Powering On and Off

Plug the 35-foot power cord into a grounded electrical outlet. Turn the power switch to the "ON" position. The unit will begin to pressurize. To turn off, simply switch to the "OFF" position and unplug the unit.

3.2 Nozzle Selection and Usage

The DEWALT pressure washer comes with five quick-connect nozzles, each designed for specific cleaning tasks. Select the appropriate nozzle by pulling back the collar on the spray wand, inserting the desired nozzle, and releasing the collar to secure it. A nozzle guide is provided on the unit for easy reference.



5 QUICK-CONNECT NOZZLES

Figure 7: The nozzle guide, indicating suitable nozzles for various cleaning applications.

- **Soap Nozzle:** For applying detergent. Provides a wide, low-pressure spray.
- **40° Nozzle (White):** Gentle cleaning for delicate surfaces like cars.
- **25° Nozzle (Green):** General cleaning for siding, decks, and general dirt.
- **15° Nozzle (Yellow):** Abrasive cleaning for tougher stains on concrete or masonry.
- **Turbo Nozzle (Black):** Provides a concentrated, oscillating stream for heavy-duty, abrasive cleaning. Use with caution on sensitive surfaces.

Always start with a less aggressive nozzle and test on an inconspicuous area to avoid damaging the surface. Maintain a safe distance from the surface being cleaned.



Figure 8: Demonstrating the pressure washer in action on a brick wall.

3.3 Using the Integrated Soap Tank

To apply detergent, ensure the soap nozzle is attached. The pressure washer will automatically draw detergent from the tank when operating at low pressure. After applying detergent, switch to a rinsing nozzle and thoroughly rinse the surface.

3.4 Official Product Videos

Watch these official videos for visual guidance on setting up and using your DEWALT pressure washer.

Your browser does not support the video tag.

Video 1: A comprehensive guide on setting up and using the DEWALT pressure washer, including assembly and operational tips.

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Video 2: An unboxing and assembly demonstration of the DEWALT Electric Power Washer 2400 PSI.

Your browser does not support the video tag.

Video 3: A short preview demonstrating the pressure washer's effectiveness on pavers.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your pressure washer.

- **Cleaning:** After each use, rinse the exterior of the unit to remove any dirt or detergent residue.
- **Nozzles:** Clean any clogged nozzles using the included nozzle cleaning tool. Store all nozzles in their designated slots on the frame handle to prevent loss.
- **Hose:** Coil the high-pressure hose neatly around the designated storage area on the unit.
- **Power Cord:** Wrap the power cord securely around the unit for organized storage.
- **Winterization:** If storing in freezing temperatures, ensure all water is drained from the pump and hoses to prevent damage. Consult the full manual for detailed winterization procedures.

5. TROUBLESHOOTING

If you encounter issues with your pressure washer, consider the following common solutions:

- **Unit Not Starting:** Ensure the power cord is securely plugged into a functional grounded outlet. Check the GFCI (Ground Fault Circuit Interrupter) on the power cord and reset if tripped. Verify the power switch is in the "ON" position.
- **No Water Pressure:** Confirm the water supply is fully turned on and the garden hose is not kinked or blocked. Check that all hose connections are tight. Ensure the spray wand and nozzle are correctly attached.
- **Low Pressure/Pulsating:** This can indicate air in the system. Squeeze the spray gun trigger with the unit on and water supply open until a steady stream of water emerges, purging air. Check for clogs in the nozzle or water intake filter.
- **Hose Stiffness/Kinking:** While the hose is designed to be kink-resistant, extreme temperatures can affect its flexibility. Ensure the hose is uncoiled fully before use.
- **Wand/Accessory Storage:** The wand holder is designed for convenience. Ensure the wand is placed securely to prevent it from falling when moving the unit.

For persistent issues, refer to the detailed troubleshooting section in the complete user manual or contact customer support.

6. SPECIFICATIONS

Specification	Value
Brand	DEWALT
Model Number	DWPW2400
Power Source	Corded Electric
Maximum Pressure	2400 PSI
Maximum Flow Rate	1.1 GPM
Hose Length	25 Feet
Power Cord Length	35 Feet
Item Weight	40 Pounds

Product Dimensions	21.26 x 1 x 20.75 inches
Wheel Type	10-inch Pneumatic
Certification	CETA Certified

7. WARRANTY AND SUPPORT

DEWALT stands behind the quality of its products. The DWPW2400 Electric Pressure Washer is backed by a **3-Year Limited Warranty**, ensuring coverage against defects in materials or workmanship. Additionally, it includes **1 Year of Free Service** and a **90-Day Money Back Guarantee**.

For technical assistance, warranty claims, or any questions regarding your pressure washer, please contact DEWALT customer support. Refer to the full instruction manual for complete warranty details and contact information.



Figure 9: DEWALT's warranty and service commitment for the product.