DEWALT DXV06PL-QT

DEWALT 6 Gallon STEALTHSONIC Shop Vacuum Wet and Dry DXV06PL-QT Instruction Manual

Model: DXV06PL-QT

1. Introduction

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your DEWALT 6 Gallon STEALTHSONIC Wet and Dry Shop Vacuum, model DXV06PL-QT. This powerful 4 Peak HP vacuum is designed for both wet and dry cleanup tasks in workshops, garages, and jobsites, featuring STEALTHSONIC technology for significantly quieter operation.


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50% QUIETER
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Figure 1.1: DEWALT 6 Gallon STEALTHSONIC Wet and Dry Shop Vacuum DXV06PL-QT. This image displays the complete vacuum unit with its distinctive yellow and black design, handle, and casters.



Figure 1.2: Noise Level Comparison. This graphic illustrates the reduced noise output of the STEALTHSONIC technology, operating at approximately 65 dB(A) compared to standard wet/dry vacuums.

2. Important Safety Instructions

When using electrical appliances, always follow basic precautions to reduce the risk of fire, electric shock, and personal injury. Read all instructions before operating this vacuum.

- **Read All Instructions:** Familiarize yourself with the vacuum's operation and safety features.
- **Do Not Leave Appliance Unattended:** Unplug from outlet when not in use and before servicing.
- **Do Not Use Outdoors or on Wet Surfaces:** This vacuum is designed for indoor and outdoor use, but exercise caution in wet conditions.
- **Do Not Allow to Be Used as a Toy:** Close attention is necessary when used by or near children.
- **Use Only as Described in This Manual:** Use only manufacturer's recommended attachments.
- **Do Not Use with Damaged Cord or Plug:** If the appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
- **Do Not Pull or Carry by Cord:** Do not use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Keep cord away from heated surfaces.
- **Do Not Unplug by Pulling on Cord:** To unplug, grasp the plug, not the cord.
- **Do Not Handle Plug or Appliance with Wet Hands:** Ensure hands are dry before plugging in or unplugging.
- **Do Not Put Any Object into Openings:** Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce airflow.
- **Keep Hair, Loose Clothing, Fingers, and All Parts of Body Away from Openings and Moving Parts:** Prevent entanglement.
- **Do Not Pick Up Anything That Is Burning or Smoking:** Avoid cigarettes, matches, or hot ashes.
- **Use Extra Care When Cleaning on Stairs:** Maintain balance and secure the unit.
- **Do Not Use to Pick Up Flammable or Combustible Liquids:** Avoid gasoline or other fuels, or use in areas where they may be present.
- **Do Not Use Without Filters in Place:** Always ensure appropriate filters are installed for wet or dry operation.
- **Connect to a Properly Grounded Outlet Only:** Ensure the power source meets the vacuum's requirements.

3. Package Contents

Verify that all items listed below are included in your package. If any parts are missing or damaged, contact DEWALT customer support.



Figure 3.1: Included Accessories. This image displays the DEWALT DXV06PL-QT vacuum alongside all its standard accessories, including the hose, extension wands, various nozzles, and filters.

- DEWALT Poly Shop Vacuum Wet/Dry (1)
- Disposable Filter Bag (1)
- 1-7/8" Hose (1)
- Extension Wand (2)
- Tool Adaptor (1)
- Floor Brush (1)
- Crevice Nozzle (1)

- Utility Nozzle (1)
- Cartridge Filter (1)
- Foam Filter (1)
- Accessory Bag (1)
- Instruction Manual (1)

4. Assembly and Setup

Follow these steps to assemble your DEWALT shop vacuum before initial use.



Figure 4.1: Labeled Parts Diagram. This diagram highlights key components of the vacuum, including the handle, hose strap, motor, vacuum port, and heavy-duty swiveling casters.

4.1 Attaching Casters

1. Invert the vacuum tank.
2. Insert each caster stem into the designated caster sockets on the base of the vacuum until they click securely into place.

3. Ensure all four casters are firmly attached and rotate freely.



Figure 4.2: 360° Rotation Rubberized Casters. This image emphasizes the durable, multi-directional casters for easy maneuverability.

4.2 Connecting the Hose

1. Locate the quick-connect vacuum port on the front of the vacuum tank.
2. Align the hose cuff with the port and push firmly until it locks into place.
3. To use the blowing function, connect the hose to the exhaust port located on the motor head.



Figure 4.3: 1-7/8" Vacuum Port. This image highlights the vacuum's main intake port where the hose connects.

4.3 Filter Installation for Dry Use

1. Remove the motor head from the tank by releasing the latches.
2. For dry vacuuming, ensure the cartridge filter is securely installed over the filter cage.
3. Optionally, install a disposable filter bag over the intake port inside the tank for easier debris disposal.
4. Replace the motor head and secure the latches.

4.4 Filter Installation for Wet Use

1. Remove the motor head from the tank.

2. Remove the cartridge filter.
3. Install the foam filter over the filter cage. The foam filter is designed for wet pickup and protects the motor from moisture.
4. Do NOT use a disposable filter bag for wet vacuuming.
5. Replace the motor head and secure the latches.

5. Operation

This section details how to operate your DEWALT shop vacuum for various cleaning tasks.

5.1 Powering On/Off

1. Plug the power cord into a properly grounded electrical outlet.
2. Locate the large ON/OFF switch on the motor head.
3. Press the switch to the 'ON' position to start the vacuum.
4. Press the switch to the 'OFF' position to turn off the vacuum.

5.2 Dry Vacuuming

For dry debris, ensure the cartridge filter is installed. A disposable filter bag can also be used for easier cleanup.

1. Attach the desired accessory (e.g., floor brush, utility nozzle) to the end of the hose or extension wand.
2. Turn on the vacuum.
3. Move the accessory over the dry debris to be collected.
4. Turn off the vacuum when finished.

5.3 Wet Vacuuming

For liquid spills, ensure the foam filter is installed and the cartridge filter is removed. Do not use a disposable filter bag for wet vacuuming.

1. Attach the utility nozzle or other suitable accessory for liquid pickup.
2. Turn on the vacuum.
3. Move the accessory over the liquid spill. The vacuum will automatically shut off when the tank is full.
4. Turn off the vacuum and empty the tank immediately after wet pickup.

5.4 Blowing Function

The vacuum can also be used as a powerful blower.

1. Disconnect the hose from the vacuum port.
2. Connect the hose to the exhaust port on the motor head.
3. Turn on the vacuum to use it as a blower for clearing debris from surfaces.

5.5 Using Accessories

The included accessories are designed for specific cleaning tasks:

- **Floor Brush:** Ideal for large areas, floors, and general dry debris.
- **Crevice Nozzle:** Perfect for tight spaces, corners, and edges.
- **Utility Nozzle:** Versatile for both wet and dry pickup, suitable for various surfaces.

- **Extension Wands:** Connect to the hose to extend reach for floors or high areas.
- **Tool Adaptor:** Allows connection to power tools for dust extraction.



Figure 5.1: Vacuuming Outdoor Debris. This image shows the DEWALT shop vacuum in use, effectively cleaning debris from an outdoor paved surface.



Figure 5.2: Vacuuming Car Interior. This image demonstrates the vacuum's utility in cleaning vehicle interiors, highlighting its maneuverability and reach.

6. Maintenance

Regular maintenance ensures optimal performance and extends the life of your DEWALT shop vacuum.

6.1 Emptying the Tank

1. Turn off and unplug the vacuum.
2. Release the latches and remove the motor head.
3. Carefully lift and empty the tank into a suitable waste receptacle. For wet debris, dispose of liquids responsibly.
4. Clean the inside of the tank with a damp cloth if necessary.

6.2 Cleaning/Replacing Filters

Filters should be cleaned regularly and replaced when damaged or when suction power decreases significantly.

- **Cartridge Filter (Dry Use):** Remove the filter and gently tap it to dislodge dust. For deeper cleaning, rinse with water and allow to air dry completely before reinstallation.
- **Foam Filter (Wet Use):** Rinse the foam filter with water to remove debris. Squeeze out excess water and allow to air dry completely before storage or reinstallation.

6.3 Cleaning the Hose and Accessories

Periodically inspect and clean the hose and accessories.

- Disconnect the hose and accessories from the vacuum.
- Rinse them with water to remove any accumulated debris.
- Ensure they are dry before storing to prevent mold or mildew.

6.4 Storage

Store the vacuum and its accessories in a clean, dry place, away from extreme temperatures.

- Wrap the power cord neatly using the integrated cord wrap.
- Store accessories in the included accessory bag or on the onboard storage points.

7. Troubleshooting

This section addresses common issues you might encounter with your DEWALT shop vacuum.

Problem	Possible Cause	Solution
Vacuum does not turn on	No power to outlet Power cord not plugged in Faulty switch	Check circuit breaker/fuse Ensure cord is securely plugged in Contact customer support
Loss of suction	Clogged hose/accessories Full tank Dirty/clogged filter Loose hose connection	Clear obstruction Empty tank Clean or replace filter Secure hose connection
Motor stops during wet pickup	Tank is full	Turn off vacuum and empty tank. The float mechanism has activated.
Dust escapes from exhaust	Filter not installed correctly Damaged filter	Ensure filter is properly seated Replace damaged filter

8. Specifications

Detailed technical specifications for the DEWALT DXV06PL-QT shop vacuum.



Figure 8.1: Product Dimensions. This image provides front and back views of the vacuum with key measurements: 14.2"L x 14.2"W x 24.8"H.

Feature	Specification
Brand	DEWALT
Model Name	DXV06PL-QT
Capacity	6 Gallons
Motor Horsepower	4 Peak HP
Wattage	960 watts
Amperage	8 Amps
Maximum Suction	85 CFM (Cubic Feet per Minute)

Feature	Specification
Noise Level	65 Decibels (STEALTHSONIC)
Hose Length	7 Feet
Power Cord Length	10 Feet
Total Cleaning Reach	17 Feet (Hose + Cord + Wands)
Filter Type	Cartridge (Dry), Foam (Wet)
Product Dimensions (L x W x H)	14.2" x 14.2" x 24.8"
Item Weight	15.8 pounds
Special Features	Ultra Quiet, Wet/Dry, Wheels
Indoor/Outdoor Usage	Indoor, Outdoor

9. Warranty and Customer Support

Your DEWALT 6 Gallon STEALTHSONIC Shop Vacuum DXV06PL-QT comes with a 3-year limited coverage warranty. This warranty covers defects in materials and workmanship under normal use.
For warranty claims, technical assistance, or to purchase replacement parts, please contact DEWALT customer support through their official website or the contact information provided in your product registration materials. Please have your model number (DXV06PL-QT) and proof of purchase available when contacting support.

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