DEWALT DCPW550P1

DEWALT 20V MAX 550 PSI Cordless Power Cleaner DCPW550P1 User Manual

Model: DCPW550P1 | Brand: DEWALT

1. Introduction

Thank you for choosing the DEWALT 20V MAX 550 PSI Cordless Power Cleaner, model DCPW550P1. This portable power cleaner is designed for various cleaning tasks, offering convenience and versatility with its cordless operation. Please read this manual thoroughly before operating the tool to ensure safe and effective use. Keep this manual for future reference.



Figure 1: The DEWALT 20V MAX 550 PSI Cordless Power Cleaner unit with an attached battery.

This image displays the main power cleaner unit, highlighting its compact design and the attached 20V MAX battery, which provides cordless operation.

2. Important Safety Information

Always follow basic safety precautions when using this product to reduce the risk of injury or damage. This includes, but is not limited to:

- Wear appropriate personal protective equipment (PPE), such as eye protection.
- Do not direct the spray at people, animals, or electrical equipment.
- Ensure all connections are secure before operation.
- Keep children and bystanders away from the operating area.
- Do not operate the power cleaner in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.

WARNING: California Proposition 65
This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

3. Package Contents

Your DEWALT 20V MAX 550 PSI Cordless Power Cleaner package typically includes the following components:

- DEWALT 20V Power Cleaner Unit (DCPW550P1)
- 20-foot Siphon Hose with Filter
- Multiple Quick-Connect Nozzles (e.g., 15°, 25°, 40°, Turbo)
- Soap Bottle Attachment
- Quick Connect Adapter for Garden Hose
- 20V MAX Battery and Charger (if purchased as a kit)



Figure 2: DEWALT Cordless Power Cleaner with hose, soap bottle, and nozzles.

This image displays the main power cleaner unit along with its primary accessories: the flexible hose for water intake, a soap dispenser bottle, and a selection of spray nozzles.

4. Setup

4.1 Battery Installation

1. Ensure the battery is fully charged before first use. Refer to your battery and charger manual for charging instructions.
2. Align the battery with the battery port on the bottom of the power cleaner handle.

3. Slide the battery into the port until it clicks securely into place.
4. To remove, press the battery release button and slide the battery out.

4.2 Water Source Connection

The power cleaner can draw water from a standard garden hose or a portable water source like a bucket.

Connecting to a Garden Hose:

1. Attach the quick connect adapter to the water inlet on the power cleaner.
2. Connect your garden hose to the quick connect adapter. Ensure a tight, leak-free connection.
3. Turn on the water supply to the garden hose.

Drawing Water from a Bucket:

1. Attach the included 20-foot siphon hose to the water inlet on the power cleaner.
2. Place the filtered end of the siphon hose into a bucket or container filled with clean water. Ensure the filter is fully submerged and free from debris.
3. **Important:** Ensure all connections, especially the quick connect for the siphon hose, are completely sealed to prevent air leaks, which can hinder water suction.



Figure 3: Demonstrating the connection of the water hose to the power cleaner's inlet.

This image illustrates the process of attaching the water intake hose to the power cleaner, highlighting the connection point near the base of the unit.

4.3 Nozzle Attachment

1. Select the desired nozzle for your cleaning task. The power cleaner typically comes with multiple nozzles (e.g., 15°, 25°, 40°, Turbo, Soap).

2. Push the nozzle firmly into the quick-connect fitting at the end of the spray wand until it clicks into place.
3. To remove, pull back the collar on the quick-connect fitting and pull the nozzle out.

5. Operating Instructions

5.1 Priming the Pump (for bucket use)

If drawing water from a bucket, the pump needs to be primed:

1. Ensure the siphon hose is fully submerged in water.
2. Point the spray wand in a safe direction.
3. Press and hold the trigger. It may take up to 30-60 seconds for water to begin flowing steadily as air is purged from the system.
4. Release the trigger once a steady stream of water is achieved.

5.2 General Operation

1. Ensure the battery is installed and the water source is connected and active.
2. Select the appropriate nozzle for your task.
3. Point the spray wand at the surface to be cleaned, maintaining a safe distance.
4. Press the trigger to start the water flow.
5. Move the spray wand steadily across the surface, overlapping passes for even cleaning.
6. Release the trigger to stop the water flow.

5.3 Using the Soap Bottle Attachment

1. Fill the soap bottle with an appropriate pressure washer detergent.
2. Attach the soap bottle to the quick-connect fitting on the spray wand, replacing the standard nozzle.
3. Press the trigger to apply soap to the desired surface.
4. After applying soap, remove the soap bottle and attach a rinsing nozzle (e.g., 25° or 40°) to rinse the surface thoroughly.

6. Maintenance

6.1 Cleaning the Unit

- After each use, disconnect the battery and water source.
- Rinse the spray wand and nozzles with clean water to remove any detergent residue.
- Wipe down the exterior of the power cleaner with a damp cloth. Do not use harsh chemicals.
- Clean the water inlet filter regularly to prevent blockages.

6.2 Storage

- Drain all water from the unit and hoses before storing to prevent freezing damage.
- Store the power cleaner, battery, and accessories in a dry, protected area away from extreme temperatures.
- Remove the battery from the unit during long-term storage.

7. Troubleshooting

Problem	Possible Cause	Solution
No water flow or weak pressure (especially from a bucket)	Air leak in water intake connections. Siphon hose filter not fully submerged or clogged. Pump not primed. Low battery charge.	Ensure all quick-connect fittings and hose connections are tight and sealed. Consider using thread sealant or replacing worn quick-connects if leaks persist. Ensure the filter is completely underwater and clean any debris. Prime the pump by holding the trigger for 30-60 seconds until steady flow. Recharge or replace the battery.
Unit stops during operation	Battery depleted. Thermal overload protection activated.	Recharge or replace the battery. Allow the unit to cool down for several minutes before resuming operation.
Water leaks from connections	Loose connections. Damaged O-rings or quick-connects.	Tighten all connections. Inspect and replace any damaged O-rings or quick-connect fittings.

8. Specifications

Model Number	DCPW550P1
Brand	DEWALT
Power Source	20V MAX Battery Powered
Maximum Pressure	550 PSI
Maximum Flow Rate	1 Gallon Per Minute (GPM)
Hose Length	20 Feet (siphon hose)
Item Weight (Tool Only)	5.4 Kilograms (approx. 11.9 lbs)
Product Dimensions (LxWxH)	25" x 5" x 11"
UPC	885911716253

9. Warranty and Support

DEWALT products are engineered to the highest standards and are backed by a comprehensive warranty. For detailed warranty information, including terms and conditions, please refer to the warranty card included with your product or visit the official DEWALT website.
For technical assistance, replacement parts, or service inquiries, please contact DEWALT Customer Service or visit their official website:

- **DEWALT Official Website:** www.dewalt.com
- **Customer Service:** Refer to your product documentation for regional contact numbers.

Register your product online to receive updates and support.

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