

Makita DHW080ZK

Makita DHW080ZK 18Vx2 Cold Pressure Washer Instruction Manual

1. SAFETY INFORMATION

Always observe basic safety precautions when using this pressure washer to reduce the risk of injury. Read all instructions before operating the appliance.

- **Eye Protection:** Always wear safety glasses or goggles.
- **Hearing Protection:** Use ear protection during extended operation.
- **Footwear:** Wear appropriate non-slip footwear.
- **Electrical Safety:** Ensure batteries are correctly installed and charged. Do not operate with damaged batteries or charger.
- **Water Pressure:** Never direct the water jet at people, animals, electrical devices, or the unit itself. High pressure can cause injury.
- **Stable Surface:** Operate the pressure washer on a stable, level surface.
- **Children and Pets:** Keep children and pets away from the operating area.
- **Water Temperature:** Do not use water hotter than 40°C (104°F).
- **Chemicals:** Use only pressure washer safe detergents.

2. PRODUCT OVERVIEW

The Makita DHW080ZK is a portable and high-performance 18Vx2 cold pressure washer designed for various cleaning tasks. It is suitable for washing natural dirt such as mud, earth, moss, and encrustations from surfaces like driveways, patios, verandas, gazebos, external floors, poolsides, and swimming pools. Its cordless design makes it ideal for use in locations without direct power access, such as campsites for cleaning campers, caravans, small boats, bicycles, motorbikes, quads, or small agricultural machines.

Key Components and Accessories

- High-pressure gun

- Turbo nozzle lance
- Variable jet nozzle lance
- Tube with dip tube (for drawing water from external sources)
- 5-meter high-pressure hose
- Gardena type water connections



The Makita DHW080ZK 18Vx2 Cold Pressure Washer, featuring its integrated water tank and high-pressure spray gun.



A complete set of accessories, including the high-pressure gun, various nozzles, and hoses, provided with the pressure washer.

3. SETUP

3.1 Unpacking

Carefully remove all components from the packaging. Ensure all listed accessories are present. Retain packaging for future storage or transport.

3.2 Battery Installation

This unit requires two 18V Makita LXT batteries (not supplied). Insert fully charged batteries into the designated battery slots on the main unit until they click into place. Ensure they are securely seated.

3.3 Water Source Connection

The DHW080ZK can draw water from its integrated 50-liter tank or an external water source (e.g., garden hose, bucket).

Using the Integrated Water Tank:

1. Open the lid of the 50-liter water tank.
2. Ensure the dip tube with filter is correctly positioned inside the tank.
3. Fill the tank with clean, cold water (max 40°C).
4. Close the tank lid securely.



The internal view of the 50-liter water tank, showing the water level and the integrated filter for debris.

Using an External Water Source:

1. Connect a standard garden hose (with Gardena type connection) to the water inlet on the pressure washer unit.
2. Ensure the connection is tight to prevent leaks.
3. If drawing from a bucket, attach the dip tube to the water inlet and place the filtered end into the bucket.



Detail of the water inlet connection point, showing where the water supply hose attaches to the pressure washer unit.

3.4 High-Pressure Hose and Nozzle Attachment

1. Connect the 5-meter high-pressure hose to the outlet on the main unit. Tighten securely.
2. Attach the other end of the high-pressure hose to the high-pressure gun.
3. Select the desired nozzle (turbo or variable jet) and attach it to the lance. Then, connect the lance to the high-pressure gun.



The pressure washer unit features convenient storage slots for the spray gun and lances, keeping accessories organized.

4. OPERATING INSTRUCTIONS

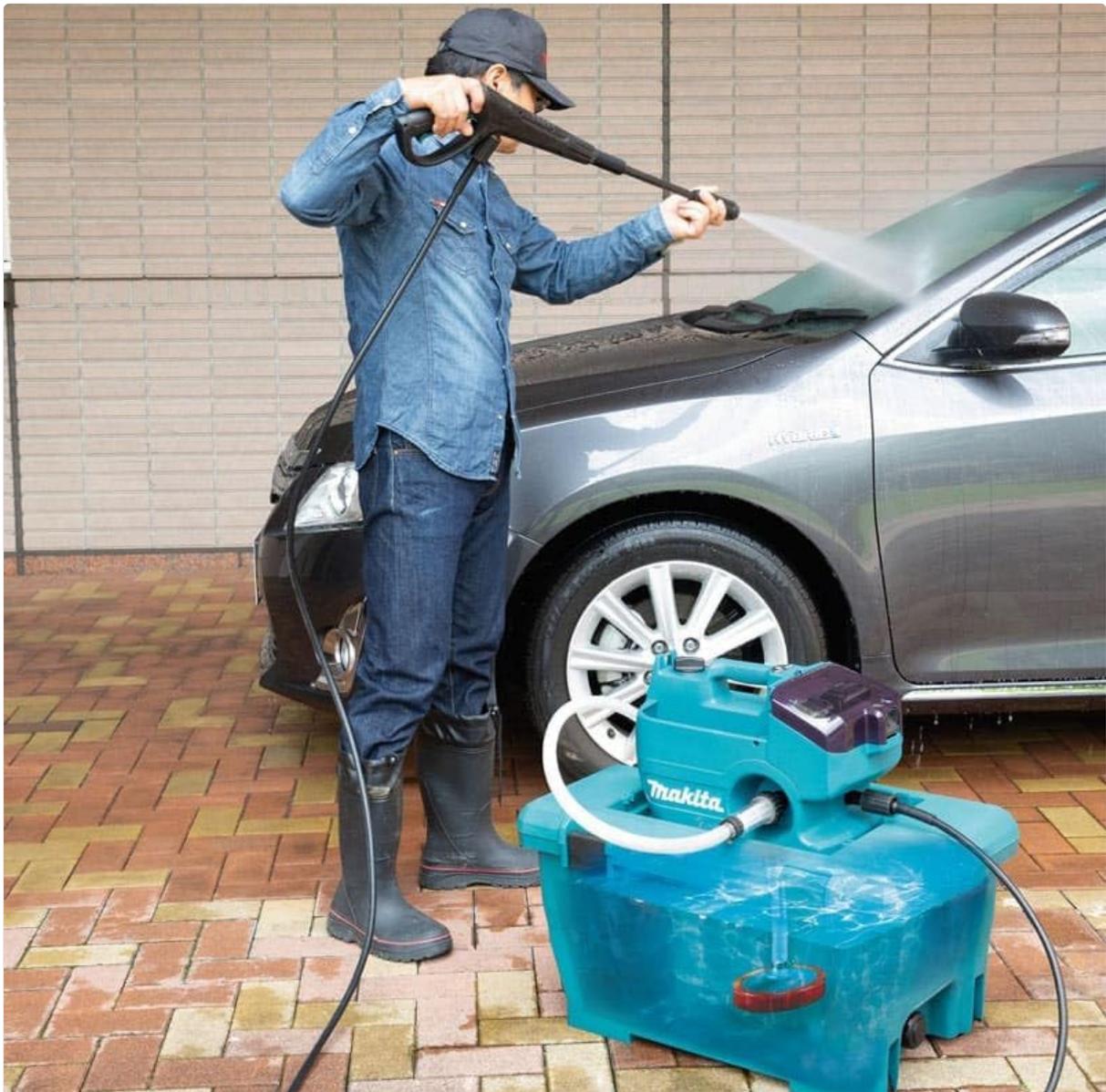
4.1 Priming the Pump

Before starting the motor, it is crucial to prime the pump to remove any air. This prevents damage to the pump.

1. Ensure the water source is connected and turned on (if using a garden hose) or the tank is filled.
2. Point the spray gun in a safe direction.
3. Squeeze the trigger on the high-pressure gun and hold it open until a steady stream of water flows out, free of air bubbles. This may take a few moments.

4.2 Starting the Unit

1. Once the pump is primed, release the trigger.
2. Turn the power switch on the main unit to the 'ON' position.
3. Squeeze the trigger on the high-pressure gun to begin spraying. The motor will start automatically.



An individual demonstrating the use of the Makita DHW080ZK pressure washer for cleaning a car, highlighting its portability.

4.3 Using Different Nozzles

- **Variable Jet Nozzle:** Allows adjustment of the spray pattern from a concentrated stream to a wide fan.

Rotate the nozzle head to change the pattern. Suitable for general cleaning and rinsing.

- **Turbo Nozzle:** Provides a concentrated, oscillating jet for aggressive cleaning of stubborn dirt. Use with caution on delicate surfaces.

4.4 Shutting Down

1. Release the trigger on the high-pressure gun.
2. Turn the power switch on the main unit to the 'OFF' position.
3. If using an external water source, turn off the water supply.
4. Squeeze the trigger again to release any remaining pressure in the system.
5. Disconnect the high-pressure hose and water inlet hose.

5. MAINTENANCE

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

5.1 Cleaning Nozzles

If the spray pattern becomes irregular or pressure drops, the nozzle may be clogged. Use the provided nozzle cleaning tool (if applicable) or a thin wire to clear any debris from the nozzle opening.

5.2 Inlet Filter Cleaning

The water inlet filter prevents debris from entering the pump. Regularly inspect and clean the filter. Remove the filter, rinse it under running water, and reinsert it.

5.3 Draining and Storage

Before storing, especially in freezing temperatures, ensure all water is drained from the unit, hoses, and gun to prevent damage. Run the unit for a few seconds without water to expel any remaining liquid. Store the unit in a dry, frost-free location.

5.4 Battery Care

Remove batteries from the unit when not in use. Store batteries in a cool, dry place. Follow Makita's guidelines for battery charging and storage.

6. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not start	Batteries not charged or incorrectly inserted; Power switch off.	Charge batteries and ensure they are properly inserted. Turn power switch to 'ON'.

Problem	Possible Cause	Solution
No water pressure or low pressure	Air in the pump; Water supply off or restricted; Clogged nozzle; Inlet filter dirty.	Prime the pump (see Section 4.1). Check water supply and hose for kinks. Clean nozzle. Clean inlet filter.
Water leaks from connections	Loose connections; Damaged O-rings.	Tighten all connections. Inspect and replace damaged O-rings if necessary.
Motor runs but no water sprays	Pump not primed; No water in tank/supply.	Prime the pump (see Section 4.1). Ensure adequate water supply.

7. SPECIFICATIONS

Specification	Value
Model Number	DHW080ZK
Power Source	18Vx2 Battery (36V equivalent)
Power Delivered	800 W
Max Water Pressure	80 bar
Flow Rate	380 l/h
Inlet Water Temperature	Max 40°C
Sound Pressure Level	83 dB(A) max
Weight (with 2xBL1850B batteries)	7.7 kg (16.5 lbs)
Hose Length	5 meters (16.4 feet)
Tank Volume	50 Liters
Certifications	CE, CSA

8. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the official Makita website or the warranty card included with your purchase. For technical support, service, or spare parts, contact your authorized Makita service center or dealer. Always use genuine Makita replacement parts to ensure compatibility and maintain product warranty.

