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Model: HD 6/13 C (Part No. 1.520-957)

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Kärcher HD 6/13 C Corded Electric Pressure Washer. Please read this manual thoroughly before initial use and keep it for future reference.

SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the unit:

- Ensure the power supply matches the unit's specifications (380 Volts).
- Do not direct the water jet at electrical equipment or the unit itself.
- Wear appropriate personal protective equipment (PPE), including eye protection and sturdy footwear.
- Keep children and pets away from the operating area.
- Disconnect the power supply before performing any maintenance or cleaning.
- Do not operate the pressure washer if the power cord or other critical parts are damaged.

PRODUCT OVERVIEW

The Kärcher HD 6/13 C is a high-performance compact class cold water pressure washer designed for professional cleaning tasks. It features a robust design, high mobility, and versatile accessories.

Key Features:

- Automatic Pressure Cut-off for reduced energy and water consumption.
- EASY!Force trigger gun and EASY!Lock connections for quick and secure accessory changes.
- Integrated retractable handle for easy transport.
- On-board storage for accessories.
- Variable pressure and water flow rate.





Figure 1: Kärcher HD 6/13 C Pressure Washer with retractable handle and hose storage.



Figure 2: Main components and accessories of the Kärcher HD 6/13 C, including the pressure washer unit, high-pressure hose, EASY!Force trigger gun, and various nozzles.

SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all listed accessories are present.
2. **Assembly:**
 - Attach the high-pressure hose to the unit's high-pressure outlet and to the EASY!Force trigger gun using the EASY!Lock connections.
 - Connect the desired spray lance (e.g., Triple nozzle or Dirt blaster) to the trigger gun.
 - Connect a water supply hose (not included) to the unit's water inlet. Ensure the water supply is clean and has sufficient flow.
3. **Electrical Connection:** Connect the power cord to a suitable 380 Volt electrical outlet. Ensure the circuit can handle the 3 KW wattage.
4. **Bleeding Air:** Before starting, turn on the water supply and squeeze the trigger gun to allow air to escape from the system until a steady stream of water emerges.

OPERATING INSTRUCTIONS

Starting the Unit:

1. Ensure the unit is connected to water and power.
2. Turn the main switch to the "ON" position. The pump will start and build pressure.

3. Engage the safety lock on the trigger gun.

4. Point the spray lance at the cleaning surface and release the safety lock. Squeeze the trigger to begin spraying.

Adjusting Pressure and Nozzles:

- The Triple nozzle allows selection between a high-pressure pencil jet (0°), a high-pressure fan jet (25°), and a low-pressure fan jet (40°) for detergent application. Rotate the nozzle to select the desired spray pattern.
- The Dirt blaster lance provides a rotating pencil jet for stubborn dirt.
- Pressure can be adjusted on the unit or via the trigger gun, depending on the model variant.



Figure 3: User operating the Kärcher HD 6/13 C pressure washer for cleaning a large outdoor surface.



Figure 4: Demonstrating the effective cleaning power of the Kärcher HD 6/13 C on a graffiti-covered wall.

Stopping the Unit:

1. Release the trigger gun. The automatic pressure cut-off will stop the pump.
2. Turn the main switch to the "OFF" position.

3. Turn off the water supply.
4. Squeeze the trigger gun to release any remaining pressure in the system.
5. Disconnect the power cord.

MAINTENANCE

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

After Each Use:

- Drain all water from the unit, hose, and accessories to prevent freezing in cold weather.
- Clean the exterior of the unit with a damp cloth.
- Store the unit in a dry, frost-free location.

Periodic Maintenance:

- **Water Inlet Filter:** Regularly check and clean the water inlet filter to prevent debris from entering the pump.
- **Nozzle Cleaning:** If the spray pattern becomes irregular, clean the nozzle opening with the provided nozzle cleaning tool or a thin wire.
- **Hose and Connections:** Inspect the high-pressure hose for kinks, cuts, or abrasions. Check all connections for leaks and tighten if necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not start.	No power supply; tripped circuit breaker.	Check power connection; reset circuit breaker.
No pressure or low pressure.	Insufficient water supply; clogged water inlet filter; air in the pump; worn nozzle.	Ensure adequate water flow; clean filter; bleed air from system; clean or replace nozzle.
Pulsating pressure.	Air in the pump; restricted water flow; leaking connections.	Bleed air from system; check water supply; tighten connections.
Water leaks from connections.	Loose connections; damaged O-rings.	Tighten connections; replace O-rings.

If problems persist after attempting these solutions, contact Kärcher customer support or a qualified service technician.

SPECIFICATIONS

Attribute	Value
Model	HD 6/13 C
Part Number	1.520-957
Power Source	Corded Electric
Voltage	380 Volts
Wattage	3 KW
Working Pressure	30 - 130 bar
Maximum Pressure	190 bar
Hose Length	10 Meters
Item Weight	28 Kilograms
Dimensions (L x W x H)	38 x 36 x 93 cm
Included Components	Cleaning agent function, Suction, High-pressure hose (10m, DN 6, 250 bar), Pressure switch-off, Spray gun (EASY!Force), Spray lance (840 mm), Triple nozzle (0°/ 25°/40°), Manual, Dirt blaster Lance

WARRANTY AND SUPPORT

For information regarding warranty coverage, service, or technical support, please refer to the official Kärcher website or contact Kärcher customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Official Kärcher Website: www.kaercher.com

