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Kärcher 1.520-916.0

Kärcher Commercial Electric Pressure Washer 1300 PSI - HD Compact Class Instruction Manual

Model: 1.520-916.0 | Brand: Kärcher

Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Kärcher Commercial Electric Pressure Washer 1300 PSI - HD Compact Class. The HD 1.8/13 C compact cold water pressure washer offers maximum portability, maneuverability, and smart features. It can be stored, transported, and operated in both vertical and horizontal positions, and at 55.6 lbs, this professionally built unit can easily be moved by one person in and out of vehicles and around a cleaning site. It also includes storage options for accessories.

Image: The Kärcher HD Compact Class Pressure Washer, showcasing its compact design and integrated hose storage.

Safety Information

Always read and understand all safety warnings and instructions before operating the pressure washer. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury. Keep this manual for future reference.

- Ensure the power source matches the requirements specified on the product label.
- Do not operate the pressure washer in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Always wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and protective clothing.
- Never direct the water jet at people, animals, electrical devices, or the machine itself.
- Disconnect the power supply before performing any maintenance or cleaning.

Components Overview

Familiarize yourself with the main components of your Kärcher pressure washer:

- **Main Unit:** Houses the motor, pump, and internal components.
- **Extendable Push Handle:** For easy maneuverability and compact storage.
- **Carrying Handle:** Located on the front for convenient loading and transport.
- **High-Pressure Hose:** Connects the machine to the trigger gun.
- **EASY!Force Trigger Gun:** Ergonomically designed for comfortable operation.
- **Spray Lance:** Attaches to the trigger gun for directing the water jet.
- **Triple Jet Nozzle:** Provides versatile spray patterns.
- **Inno Foam Kit:** For detergent application.
- **Water Inlet Filter:** Protects the pump from debris.
- **Wheels and Skids:** For mobility and navigating stairs.

Setup

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Handle Extension:** Extend the push handle by pressing the yellow release buttons.
3. **Hose Connection:** Connect the high-pressure hose to the machine's high-pressure outlet and to the EASY!Force Trigger Gun.
4. **Water Supply:** Connect a garden hose to the water inlet. Ensure the water inlet filter is properly seated to protect the pump from contamination.
5. **Power Connection:** Plug the power cable into a suitable electrical outlet. The on/off switch is conveniently located at the top of the unit, requiring no bending to operate.
6. **Accessory Storage:** Utilize the dedicated compartments for nozzles and the M18 screw-joint for surface cleaners on the back of the machine.

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Video: A demonstration of the Kärcher HD Compact Class Pressure Washer's features, including setup, storage, and ergonomic design.

Operating Instructions

The HD Compact Class is designed for flexible working positions, allowing for both horizontal and vertical operation to suit any application. When operating horizontally, the wheels are off the ground, preventing accidental rolling.

1. **Power On:** Turn the on/off switch to the "On" position.
2. **Water Flow:** Ensure the water supply is turned on.
3. **Trigger Gun:** Squeeze the EASY!Force Trigger Gun to begin spraying. The ergonomic design reduces holding force, enhancing user comfort.

4. **Spray Lance Adjustment:** Adjust the stainless steel spray lance as needed for optimal cleaning angles.
5. **Nozzle Selection:** Choose the appropriate nozzle (e.g., Triple Jet Nozzle) for your cleaning task.
6. **Detergent Application:** Use the Inno Foam Kit for applying cleaning detergents.
7. **Parking Position:** For short breaks, utilize the spray lance's parking position. For secure transport, use the dedicated transport position.

Image: A professional demonstrating the use of a Kärcher pressure washer in a commercial setting.

Image: Kärcher equipment being used for specialized cleaning tasks, highlighting its versatility and power.

Maintenance

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

- **Water Inlet Filter:** The large, fine water inlet filter protects the pump from contamination. Regularly check and clean this filter to prevent damage. It is removable for easy cleaning.
- **Brass Components:** The cylinder head, water inlet, and high-pressure outlet are made of brass, ensuring durability and resistance to wear.
- **Automatic Pressure Relief:** The automatic pressure relief system protects internal components and extends the machine's lifetime.
- **Hose Storage:** Use the rubber strap to securely store the high-pressure hose when not in use.
- **Power Cable Storage:** The power cable can be wound around the carrying handle for neat storage.
- **Detergent Hose Storage:** The detergent hose can be pushed into the yellow storage room for secure keeping.

Troubleshooting

If you encounter issues with your Kärcher pressure washer, refer to the following general guidelines. For detailed troubleshooting, consult the comprehensive manual or contact customer support.

- **No Power:** Check the power connection, circuit breaker, and ensure the on/off switch is in the "On" position.
- **No Water Flow/Low Pressure:** Verify the water supply is fully open, the garden hose is not kinked, and the water inlet filter is clean.
- **Motor Runs but No Pressure:** Check for air in the system (prime the pump), ensure all connections are tight, and inspect nozzles for blockages.
- **Unusual Noises:** Discontinue use and inspect for loose parts or internal issues.

Specifications

Feature	Detail
Brand	Kärcher
Model Number	1.520-916.0
Power Source	Electric
Maximum Pressure	1300 Pound per Square Inch
Maximum Flow Rate	1.8 Gallons Per Minute
Item Weight	57.8 Pounds
Hose Length	33 Inches
Product Dimensions	15"L x 14.2"W x 36.6"H
Color	Gray
Country of Origin	Germany
UPC	886622014485

Warranty and Support

Kärcher stands behind the quality of its products. For specific warranty details, please refer to the documentation included with your purchase or visit the official Kärcher website.

- **Protection Plans:** Additional protection plans are available for purchase, including 2-Year and 3-Year options, and a monthly Complete Protect plan.
- **Returns:** This product is eligible for 30-day easy returns.
- **Customer Support:** For assistance, technical support, or service inquiries, please contact Kärcher customer support.
- **Online Resources:** Visit the Kärcher Store on Amazon for more product information and accessories.

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