

HD 6/15-4, HD 7/11-4 Service Manual



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2 Preface

Good service work requires extensive and practice-oriented training as well as well-structured training materials.

Hence we offer regular basic and advanced training programmes covering the entire product range for all service engineers.

In addition to this, we also prepare service manuals for important appliances - these can be initially used as instruction guides and later on as reference guides.

Apart from this, we also regular information about product enhancements and their servicing.

If you should require supplements, have corrections or questions regarding this document, please address these citing the following subject to:
international-service@de.kaercher.com

| | |
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| Subject: | Fall 114544 |
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The responsible product specialist will take care of your issue.

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3 Safety instructions

Service and maintenance tasks may only be performed by qualified and specially trained specialists.

3.1 Hazard levels

Danger

Immediate danger that can cause severe injury or even death.

Warning

Possible hazardous situation that could lead to severe injury or even death.

Caution

Possible hazardous situation that could lead to mild injury to persons or damage to property.

Note

indicates useful tips and important information.

3.2 General notes on safety

Danger

Risk of electric shock.

Prior to opening the electric casing, the appliance must be de-energised (pull the mains plug) and secured against accidental restart.

4 Environmental protection



The packaging material can be recycled. Please do not place the packaging into the ordinary refuse for disposal, but arrange for the proper recycling.



Old appliances contain valuable materials that can be recycled. Please arrange for the proper recycling of old appliances. Batteries, oil, and similar substances must not enter the environment. Please dispose of your old appliances using appropriate collection systems.

Notes about the ingredients (REACH)

You will find current information about the ingredients at:

www.kaercher.com/REACH

5 Technical Features

5.1 General

Mobile cold water high-pressure cleaner in different performance categories for commercial use.

- Water inlet with water filter
- Hot water inlet up to 60 °C max

5.2 Electrical/electronics

- Power switch
- Pressure switch

5.3 Drive

- 4-pole, air-cooled electric motor

5.4 High-pressure pump

- 3-piston crankshaft pump, piston with ceramic sleeves
- Pump head made of brass
- Suction and high-pressure valves made of stainless steel
- Overflow valve with pressure and quantity regulation

5.5 Accessories

- Trigger gun
- Spray lance
- Power nozzle (stainless steel)
- High pressure hose
- Rotary coupling

5.6 Field of application

This service manual describes the following appliances:

HD 6/15-4

HD 7/11-4

5.7 Type plate

The type plate is located on the right side of the appliance.



- 1 Part number
- 2 Year of manufacture
- 3 Type of protection
- 4 Typical operating weight
- 5 Flow rate
- 6 Nozzle size
- 7 Max. feed temperature
- 8 Address of manufacturer
- 9 Bar code. Contains part and serial number.
- 10 Max. feed pressure
- 11 Max. operating over-pressure
- 12 Connected load
- 13 Main Supply
- 14 Serial number
- 15 Appliance description
- 16 Symbol: Never operate on the drinking water net without a system separator