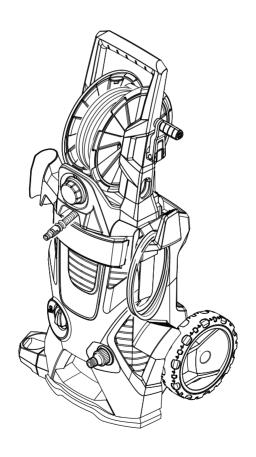


Operating Instructions

Please read the operating instructions carefully before using the unit.





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Safety instructions

Please read and comply with these original instructions prior to the initial operation of your appliance and store them for later use or subsequent owners.

Apart from the notes contained herein the general safety provisions and rules for the prevention of accidents of the legislator must be observed.

Warnings and notes that are attached on the appliance provide important notes for the safe operation.

Hazard levels

△ DANGER

Pointer to immediate danger, which leads to severe injuries or death.

△ WARNING

Pointer to a possibly dangerous situation, which can lead to severe injuries or death.

△ CAUTION

Pointer to a possibly dangerous situation, which can lead to minor injuries.

ATTENTION

Pointer to a possibly dangerous situation, which can lead to property damage.

Electric components

△ DANGER

Risk of electric shock.

Never touch the mains plug and the socket with wet hands.

- Check the power cord with mains plug for damage prior to every use. Immediately have damaged power cord replaced by an authorised customer service / electrician. Do not operate an appliance if the power cord is damaged.
- All current-conducting parts in the working area must be protected against jet water.
- The mains plug and the coupling of an extension cable must be watertight and must never lie in water. Moreover, the coupling may never lie on the ground. The use of cable reels that ensure that the sockets are at least 60 mm above the ground is recommended.
- Make sure that the power cord or extension cable is not damaged by running over, pinching, dragging or the like. Protect the power cords from heat, oil, and sharp edges.
- Turn off the appliance and remove the mains plug prior to any care and maintenance works.
- Repair work and work on the electrical components may only be performed by an authorised customer service.

△ WARNING

- The appliance may only be connected to an electric supply that has been installed by an electrician in accordance with IEC 60364.
- The appliance may only be connected to alternating current. The voltage must correspond with the type plate of the appliance.
- Safety class I Appliances may only be connected to sockets with proper earthing.
- For safety reasons, we recommend that you operate the appliance only via a residual current device (max. 30 mA).
- An unsuitable electrical extension cable can be hazardous. Only use an electrical extension cable which has been approved and labelled for this purpose and has an adequate cable cross-section outdoors: 1 10 m: 1.5 mm²; 10 30 m: 2.5 mm²
- Always fully unreel the extension cable from the cable drum.

Safe handling

△ DANGER

- The user must use the appliance as intended. The person must consider the local conditions and must pay attention to other persons in the vicinity when working with the appliance.
- Check important components, such as high-pressure hose, hand spray gun and safety installations, for damage prior to every operation. Immediately replace damaged components. Do not operate appliance with damaged components.
- High-pressure jets can be dangerous if improperly used. The jet may not be directed at persons, animals, live electrical equipment or at the appliance itself.
- The high-pressure jet must not be directed at other persons or the user him-/herself to clean clothing or footwear.
- Vehicle tyres/tyre valves are susceptible to damage from the high-pressure jet and may burst. The first indication for this is a discolouration of the tyre. Damaged vehicle tyres/tyre valves are perilous. Keep a minimum jet distance of 30 cm during cleaning!

△ WARNING

- Do not use the appliance when there are other persons around unless they are also wearing protective clothing.
- The appliance must not be operated by children or persons who have not been instructed accordingly.
- This appliance is not intended for use by persons with limited physical, sensory or mental capacities or lacking experience and/or skills, unless such persons are accompanied and supervised by a person in charge of their safety or they have received precise instructions on the use of this appliance and have understood the resulting risks.
- Children must not play with this appliance.
- Supervise children to prevent them from playing with the appliance.

△ CAUTION

- Create stability for the appliance prior to any work on or with the appliance to prevent accidents or damage.
- The water jet that is emitted from the high-pressure nozzle results in a repulsion power acting on the hand spray gun. Make sure that you have a firm footing and are also holding the hand spray gun and spray lance firmly.
- Never leave the appliance unattended as long as it is in operation.

ATTENTION

- In case of extended breaks, switch off the appliance at the appliance switch.
- Do not operate the appliance at temperatures below 0 °C.

Other risks

△ DANGER

- The appliance may not be operated in explosive atmospheres.
- Never use the appliance to clean objects containing hazardous substances (e.g. asbestos).
- Do not spray flammable liquids.
- Never draw in fluids containing solvents or undiluted acids and solvents! This includes petrol, paint thinner and heating oil. The spray mist is highly inflammable, explosive and poisonous. Do not use acetone, undiluted acids and solvents, as they corrode the materials used on the appliance.
- Keep packaging films away from children, there is a risk of suffocation!

△ WARNING

- According to applicable regulations, the appliance must never be used on the drinking water net without a system separator. Ensure that the connection of your building water installation on which the high-pressure cleaner is operated is equipped with a system separator pursuant to EN 12729 Type BA.
- Water that has flown through a system separator is no longer classified as drinking water.
- High-pressure hoses, fixtures and couplings are important for the safety of the appliance. Only use high-pressure hoses, fixtures and couplings recommended by the manufacturer.
- When disconnecting the supply or high pressure hose, hot water may leak from the connections after operation.

△ CAUTION

Mind the weight of the appliance when selecting the storage location and during transport (see technical data) to prevent accidents or injuries.

Working with detergent

∧ WARNING

- This appliance was designed to be used with detergents which are supplied or recommended by the manufacturer. The use of other detergents or chemicals may compromise the safety of the appliance.
- The improper use of detergents can cause severe injuries or toxication.
- Store detergents away from the reach of children.

Symbols on the machine



The high pressure jet must not be directed at persons, animals, live electrical equipment or at the appliance itself. Protect the appliance against frost.



The appliance must not be directly connected to the public drinking water network.

Safety Devices

△ CAUTION

Safety installations serve the protection of the user and may not be modified or bypassed.

Appliance switch

The appliance switch prevents unintentional operation of the appliance.

Lock trigger gun

This lock locks the lever of the trigger gun and prevents the inadvertent start of the appliance.

Overflow valve with pressure switch

The overflow valve prevents the permissible working pressure from being exceeded. If the lever on the trigger gun is released the pressure switch turns off the pump, the high pressure jet is stopped. If the lever is pulled the pump is turned on again.

Motor protection switch

The motor protection switch switches off the device if the power consumption is high.

Personal protective equipment

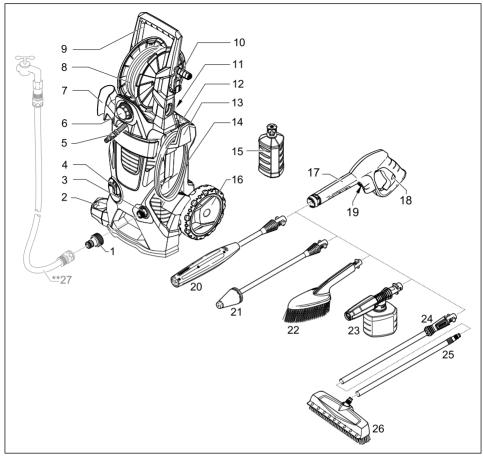
△ CAUTION

- Wear protective clothing and safety goggles to protect against splash back containing water or dirt.
- During the use of high-pressure cleaners aerosols can develop. Inhaling aerosols can cause health damage. Depending on the application, completely shielded nozzles (e.g. surface cleaner) that significantly reduce the emission of aqueous aerosols can be used for high-pressure cleaning.

The use of such shielding is not possible with all applications.

If the use of a completely shielded nozzle is not possible, a respirator of the category FFP 2 or the like should be used, depending on the environment to be cleaned.

Description of the Appliance



- 1 Coupling element for water connection
- 2 Storage for trigger gun
- 3 Water connection with integrated sieve
- 4 Appliance switch "0/OFF"/ "I/ON"
- 5 High pressure hose
- 6 Dosage regulator for detergent
- 7 Storage for trigger gun
- 8 High-pressure hose drum
- 9 Transport handle
- 10 Hand crank for hose drum
- 11 Storage of Plug 'n' Clean detergent bottle with detergent connection
- 12 Storage for spray lance
- 13 Storage hook for mains connection cable
- 14 Mains cable with mains plug
- 15 Plug 'n' Clean detergent bottle with locking lid
- 16 Bearing wheel
- 17 Trigger gun
- 18 Lock trigger gun
- 19 Key to detach the high pressure hose from the trigger gun

- 20 Spray lance with pressure regulation (Vario Power) Carrying out the most common cleaning tasks. The work pressure can be stagelessly regulated between "Min" and "Max". You can add detergent when "Mix" is selected.
 - In order to adjust the working pressure, release the lever of the trigger gun and turn the spray lance to the desired position.
- 21 Spray lance with Dirtblaster
- For strong contaminations
 22 Washing brush
- 23 Foam nozzle with detergent container
 With powerful foam for effortless cleaning.
- 24 Extension tube with safety sleeve/handle
- 25 Extension tube
- 26 PS 40 Power Scrubber

** not included in the scope of delivery

27 Water supply hose

Use a fabric reinforced water hose with a commercially available coupling. Minimum diameter 13 mm (1/2 inch); minimum length 7.5 m.

Scope of delivery

The scope of delivery of your appliance is illustrated on the packaging. Check the contents of the appliance for completeness when unpacking.

In the event of missing accessories or any transport damage, please contact your dealer.

Additionally required

- Fabric-reinforced water hose with commercially available coupling.
- Minimum diameter, 1/2 inches (13 mm).
- Minimum length 7.5 m.

Proper use

This high pressure cleaner is designed for domestic use only.

- for cleaning machines, vehicles, buildings, tools, facades, terraces, gardening tools, etc. by means of a high-pressure water jet (if necessary, with additional cleaning agents).
- with accessories, replacement parts and cleaning agents approved by KÄRCHER. Please observe the information accompanying the cleaning agents.

Environmental protection

Notes about the ingredients (REACH)

You will find current information about the ingredients at:

www.kaercher.com/REACH



The packaging material can be recycled. Please arrange for the environmentally appropriate disposal of the packaging.



Old appliances contain valuable recyclable materials that should be recycled properly. Please arrange for the environmentally appropriate disposal of the old devices.



Cleaning operations which produce oily waste water, e.g. engine washes, underbody washes, may only be carried out using washing stations equipped with an oil separator.



Work with detergents must only be performed on liquid-tight work surfaces with a connection to the sewer system. Do not let release detergent into waters or earth.



The extraction of water from public waters is prohibited in some countries.

Assembly

Mount loose parts delivered with appliance prior to startup.

Illustrations on Page 16 and 17

Install wheels

Illustration A

- Push the wheels into the intake.
- Secure the wheels using the included plug. Align the plug properly!

Install the storage for trigger gun

Illustration 3

- Place the bottom holder into the recesses and push forward until it audibly locks in.
- → Insert the top holder and push down all the way.

Install the storage hook for the mains connection cable

Illustration C

 Press in the storage hook and lock it into the top position.

Install the transport handle

You will need the 2 included screws as well as a Phillips screwdriver PH 2.

Illustration D

→ Slide the transport handle into the guide and secure it with 2 screws.

Install the dosage regulator for detergent

You will need the 2 included screws as well as a Phillips screwdriver PH 2.

Illustration =

- → Insert both detergent hoses onto the hose fittings.
- Install the dosage regulator and connect using 2 screws.

Note: During installation you must make sure that the tongues of the dosage regulator match up with the intended recesses in the casing.

Install the high pressure hose drum

Illustration |

- Slide the free end of the coiled high pressure hose through the recesses on the dosage regulator.
- Insert the hose drum into the intakes on the transport handle.
- → Insert the axle of the hand crank into the guides.
- Install the fixating plate and secure it using 2 screws.
- Press the connecting fitting from the short high pressure hose into the brass intake, secure with clamps

Note: Make sure the connection nipple is aligned correctly.

Connect the high pressure hose to the trigger gun

Illustration G

→ Push the high pressure hose into the trigger gun until it locks audibly.

Note: Make sure the connection nipple is aligned correctly.

Check the secure connection by pulling on the high pressure hose.

Start up

→ Park the appliance on an even surface.

Illustration III

→ Unwind the high pressure hose completely from the hose drum. Hold on to the transport handle during this procedure.

Note: If the hand crank is in its secured position, fold it up first.

→ Insert the mains plug into the socket.

Water supply

For connection values, see type plate/technical data. **ATTENTION**

Impurities in the water can damage the high-pressure pump and the accessories. For protection, the use of the KÄRCHER water filter (optional accessory, order no. 4.730-059) is recommended.

Water supply from mains

Observe regulations of water supplier.

ATTENTION

Hose couplings made of metal with aquastop can damage the pump! Please use plastic couplings or KÄRCH-ER brass couplings.

Illustration

- Screw the coupling element to the water connection on the appliance.
- Attach the water supply hose to the coupling on the water connection.
- → Connect the water supply hose to the water supply.
- → Completely open the water tap.

How to draw water from a bucket

Note: The max. suction height is 0.5 m.

CLICK FITTINGS MUST NOT BE USED!

KÄRCHER recommends using the suction hose accessory (sold separately) Order no. 9.505-779.0.

STEP 1:

Connect the suction hose to the water inlet on the pressure cleaner and drop the other end into a bucket.

Tip: If you are not using this accessory, coil a hose into the bucket and ensure that you only use a standard hose clamp to connect to the pressure washer.

STEP 2:

→ Fill up your bucket with water.

STEP 3:

→ Connect the KÄRCHER power cord to an electricity source and turn on at powerpoint. Make sure the high pressure nozzle is not connected and turn the unit on at the ON/OFF switch. Press the trigger on the gun - the unit is ready for use once there is a constant water system.

STEP 4:

 Connect the high pressure nozzle and press the hand trigger to begin cleaning.

Operation

ATTENTION

Dry running of more than 2 minutes leads to damage of the high-pressure pump. If the appliance does not build up pressure within 2 minutes, switch the appliance off and proceed in accordance with the instructions in Chapter "Troubleshooting".

High pressure operation

△ CAUTION

Keep a distance of at least 30 cm when using the jet for cleaning painted surfaces to avoid damage.

ATTENTION

Car tyres, paint or sensitive surfaces such as wood should not be cleaned with the dirt blaster, as there is a risk of damage.

Illustration J

- → Push the spray lance into the trigger gun and fasten it by turning it through 90°.
- → Turn on the appliance "I/ON".
- Unlock the lever on the trigger gun.
- Pull on the lever of the trigger gun; the device will switch on.

Note: Release the lever of the trigger gun; the device will switch off again. High pressure remains in the system

Operation with washing brush

ATTENTION

Risk of damage to the paintwork

When working with the washing brush, it must be free of dirt or other particles.

Push the washing brush into the trigger gun and fasten it by a 90° turn.

Operation with detergent

Note: Detergent can only be added when the device is operated in low pressure mode.

△ DANGER

When using detergents, the material data safety sheet issued by the detergent manufacturer must be adhered to, especially the instructions regarding personal protective equipment.

Notes regarding the detergent: The most commonly used KÄRCHER detergents can be purchased ready to use in their Plug 'n' Clean detergent bottles with locking lids. This will make the pesky refilling and filling processes redundant.

Illustration K

→ Remove the lid from the Plug 'n' Clean detergent bottle and press the detergent bottle into the detergent connection with the opening facing down.

Illustration I

- Adjust the suction volume of the detergent solution by means of the dosage regulator for detergents.
- → Use spray lance with pressure regulation (Vario Power).
- → Turn the spray lance to "Mix" position. Note: This will mix the detergent with the water stream.

Recommended cleaning method

- Spray the detergent sparingly on the dry surface and allow it to react, but not to dry.
- Spray off loosened dirt with the high pressure jet.

Foam nozzle

- → Fill the detergent solution in the detergent tank of the foam nozzle (observe dosage instructions on the packaging of the detergent).
- Connect the detergent tank to the foam nozzle.
- → Connect the foam nozzle to the trigger gun.

Interrupting operation

- → Release the lever on the trigger gun.
- → Lock the lever on the trigger gun.
- → Insert the trigger gun in its holder.
- During longer breaks (more than 5 minutes), also turn the appliance off using the "0/OFF" switch.

Finish operation

△ CAUTION

Only separate the high-pressure hose from the hand spray gun or the appliance when there is no pressure in the system.

ATTENTION

When disconnecting the supply or high pressure hose, warm water may leak from the connections after operation.

- → Remove the Plug 'n' Clean detergent bottle from the intake and close it with the lid. To store, place into the intake rotated by 180°.
- → Release the lever on the trigger gun.
- → Turn off the appliance "0/OFF".
- Disconnect the mains plug from the socket.
- → Turn off tap.
- Press the lever on the trigger gun to release any remaining pressure in the system.
- → Lock the lever on the trigger gun.
- → Detach the appliance from the water supply.

Transport

CAUTION

Risk of personal injury or damage! Mind the weight of the appliance during transport.

When transporting by hand

→ Pull the appliance by its transport handle.

When transporting in vehicles

- → Prior to horizontal transport: Remove the Plug 'n' Clean detergent bottle from the intake and close it with the lid.
- Secure the appliance against shifting and tipping over.

Storage

△ CAUTION

Risk of personal injury or damage! Consider the weight of the appliance when storing it.

Storing the Appliance

- Park the machine on an even surface.
- Press the disconnect on the trigger gun and remove the high pressure hose from the trigger gun.
- → Insert the trigger gun in its holder.
- → Roll the high pressure hose on to the hose drum: Pull out the hose drum handle, turn it clockwise then retract the handle.
- → Stow the power cord and the remaining accessories on the appliance.

Prior to extended storage periods, as during the winter, also observe the instructions in the Care section.

Frost protection

ATTENTION

Appliances and accessories that are not completely drained can be destroyed by frost. Completely drain appliance and accessories and protect them against frost. To avoid damage:

- → Detach the appliance from the water supply.
- → Detach spray lance from the trigger gun.
- Switch the appliance on ("I/ON"), press the trigger gun lever until no further water is discharged (approx. 1 min).
- Turn off the appliance.
- Store the appliance and the entire accessories in a frost free room.

Care and maintenance

△ DANGER

Risk of electric shock.

Prior to all work on the appliance, switch off the appliance and pull the power plug.

Clean the sieve in the water connection

Clean the sieve in the water connection regularly.

→ Remove coupling from the water connection. **ATTENTION**

The sieve must not be damaged.

Illustration N

- → Pull the sieve out using flat pliers.
- Clean the sieve under running water.
- → Reinsert the sieve into the water connection.

Cleaning the detergent filter

Remove filter from suction hose for detergent and clean under running water.

Maintenance

The appliance is maintenance free.

Special accessories

Special accessories expand the possibilities of using your appliance. Please contact your KÄRCHER dealer for further information.

Troubleshooting

△ DANGER

Risk of electric shock. Turn off the appliance and remove the mains plug prior to performing any care and maintenance work

Repair work and work on the electrical components may only be performed by an authorised customer service. You can rectify minor faults yourself with the help of the following overview.

If in doubt, please consult the authorized customer service.

Appliance is not running

- Pull on the lever of the trigger gun; the device will switch on.
- Check whether the voltage indicated on the type plate corresponds to the voltage of the mains supply.
- → Check the mains connection cable for damages.
- Motor overloaded, the motor circuit breaker has tripped.
- Turn off the appliance "0/OFF".
- Allow the device to cool down for one hour.
- Switch on the device and put it into operation again.
 If the malfunction occurs repeatedly, have the device checked by the customer service.

Appliance does not start, motor hums

Voltage reduction due to weak mains supply or when using an extension cable.

When switching on, first pull the lever of the trigger gun and then switch the appliance switch to "I/ON".

Pressure does not build up in the appliance

- → Check setting at the spray lance.
- → Check water supply for adequate delivery rate.
- → Pull out the sieve in the water connection using flatnose pliers and clean under running water.
- → Remove air from appliance before operation. Switch on the appliance without connection the HP hose (max. 2 minutes) and run it until the water discharging from the HP outlet is free of bubbles. Switch off appliance and reconnect HP hose.

Strong pressure fluctuations

- Clean high-pressure nozzle: Remove dirt and debris from the nozzle bore, using a needle and rinse through with water from the front.
- Check water flow quantity.

Appliance is leaking

→ Slight leakage from the appliance pump is normal. If the leakage increases contact the authorized customer service.

No detergent infeed

- Use spray lance with pressure regulation (Vario Power).
 - Turn the spray lance to "Mix" position.
- Check the settings at the dosage regulator for detergent.
- Check whether the Plug 'n' Clean detergent bottle is placed into the detergent connection facing down.

Technical specifications **Electrical connection** Voltage 240 V 1~50 Hz Connected load 2.1 kW IP X5 Protection class Protective class Mains fuse (slow-blow) 10 A Water connection Max. feed pressure 0.8 MPa Max. feed temperature 40 °C Min. feed volume 9 I/min Max. Suction height 0,5 m Performance data Working pressure 12 MPa 14.5 MPa Max. permissible pressure 2100 psi Water flow rate 6,8 I/min Max. flow rate 8,0 I/min Detergent flow rate 0-0,3 I/min Recoil force of trigger gun 15 N **Dimensions and weights** Length 349 mm Width 426 mm

878 mm

15,3 kg

Subject to technical changes.

Weight, ready to operate with

Height

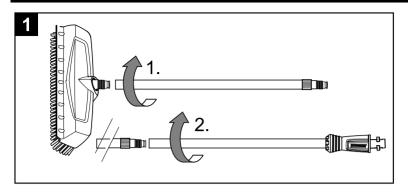
accessories

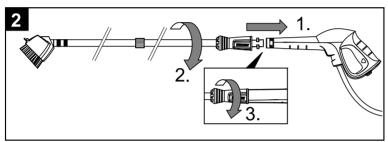
Customer Service

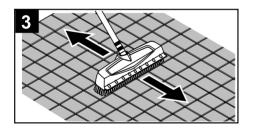
Australia

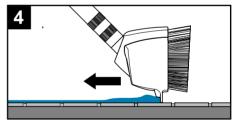
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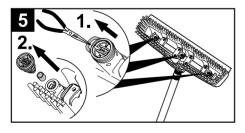
1800 675 714 (Free Call) www.karcher.com.au

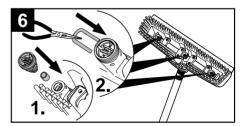












Proper use

The PS 40 is ideally suited for the high-pressure cleaning and scrubbing of stairs and smooth floor surfaces outside (e.g. wooden or stone floors, clinker, tiles, concrete) as well as of floor surfaces with a water discharge inside (e.g. wash-room, garage).

Safety instructions

- Only trigger the high-pressure jet at the high-pressure gun if the PS 40 is located on the surface to be cleaned.
- There must be no persons in the immediate vicinity of the cleaning head.
- Beware of the recoil force! Ensure a stable position and firmly hold on to the high pressure gun with the extension tube.
- Switch off the high-pressure cleaner when you finish cleaning. If you are using the PS 40, then disconnect the same from the high-pressure gun.

Attaching the extension tubes

Fasten the PS 40 to the high-pressure gun using the extension tubes.

- → Illustration 1
- 1 Screw the extension tube (25) all the way onto the thread of the PS 40 screws.
- 2 Connect the extension tube (24) to the extension tube (25).
- Illustration 2
- 1 Press the extension tube (24) into th bayonet catch of the high pressure gun.
- 2 Turn it by 90° until it locks into place.
- 3 Firmly turn the safety sleeve onto the high pressure gun.

Note: In the unpressurised state, the extension tube can be aligned to the PS 40. In the high-pressure mode the extension tube is fixed.

Cleaning floor surfaces

Illustration 3

- → Place the PS 40 onto the surface to be cleaned.
- Turn your high pressure cleaner on and pull the lever of the high pressure gun.

Illustration 4

Wet, smooth surfaces can be dried using the builtin pull-off lip.

Troubleshooting

Always switch off the appliance and pull out the mains plug before care and maintenance work.

High pressure cleaner does not build up the pressure or is vibrating

Check and clean the built-in high pressure nozzles and filters of your PS 40.

Illustration 5

- → Remove the high pressure nozzles and the filters.
- 1 Remove the clip.
- 2 Pull out the high pressure nozzle and filter.
- Clean the filter and high pressure nozzle under running water.
- → Rinse the PS 40 with clear water.

Illustration 6

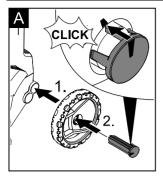
- → Reinstall the high pressure nozzles and the filters.
- 1 Insert the high pressure nozzles with the filter.
- 2 Reinsert the clip.

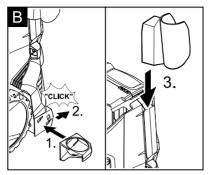
Care and maintenance

Always switch off the appliance and pull out the mains plug before care and maintenance work.

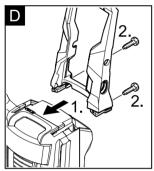
- → Use a moist cloth and clean the PS 40 after use.
- → The PS 40 is maintenance-free.

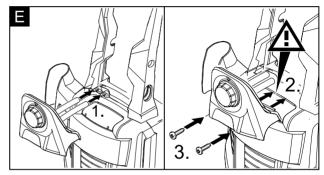
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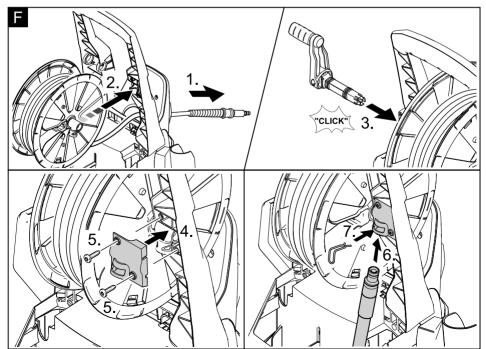




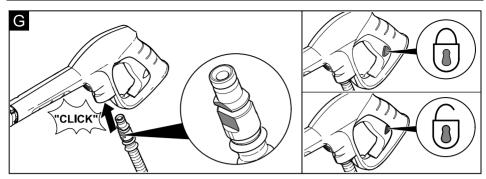


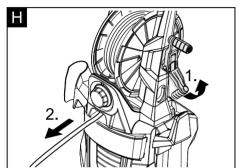


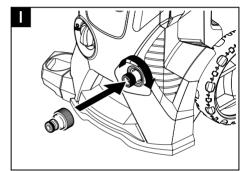


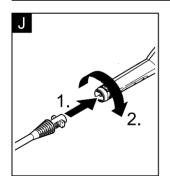


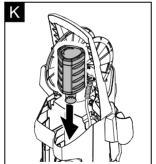
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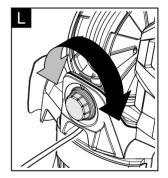


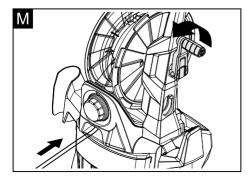


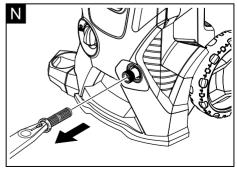








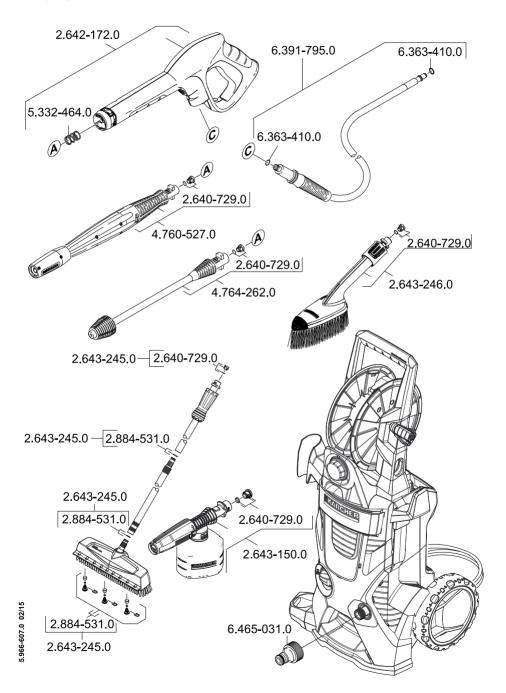




Notes

Spare parts

Use only original KÄRCHER spare parts.



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