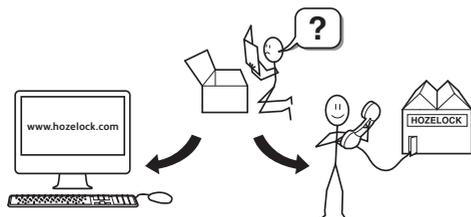


HOZELOCK

7920

Pico Power Pressure Washer



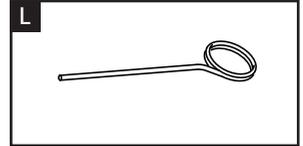
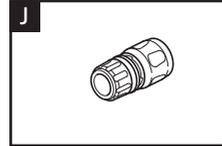
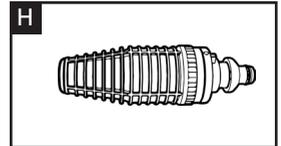
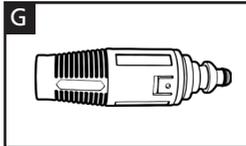
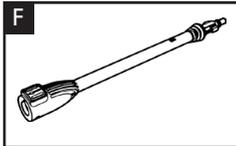
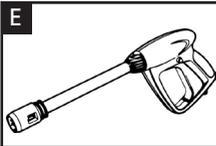
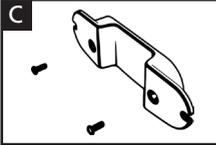
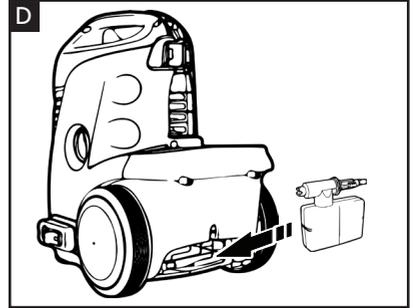
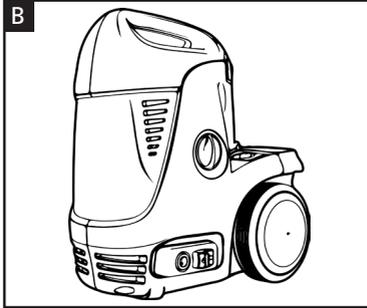
Hozelock Ltd.
Midpoint Park, Birmingham,
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Tel: 01702 482 760

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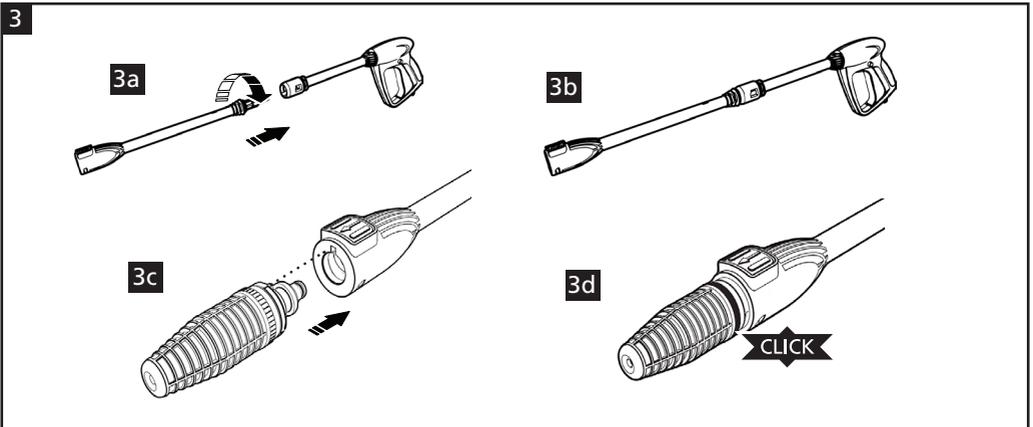
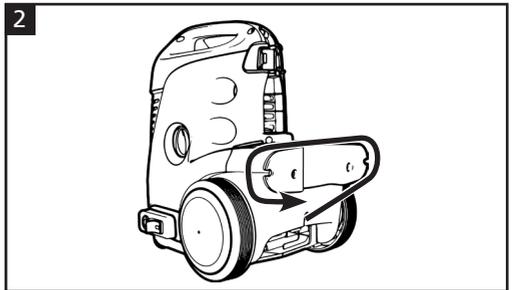
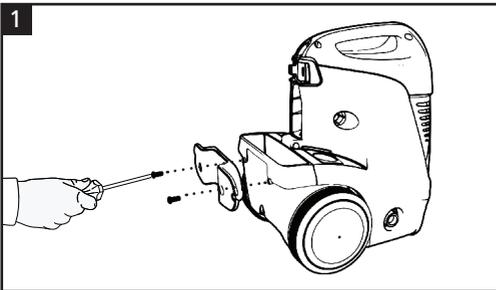
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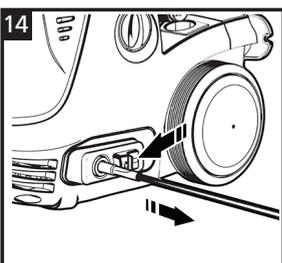
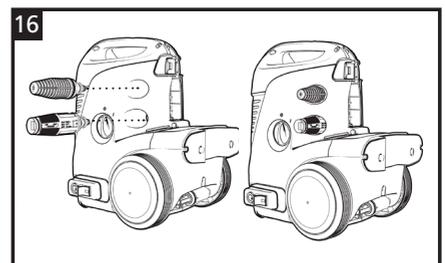
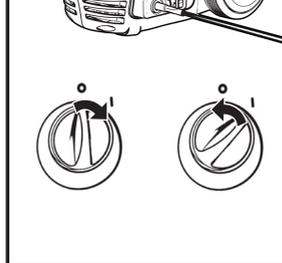
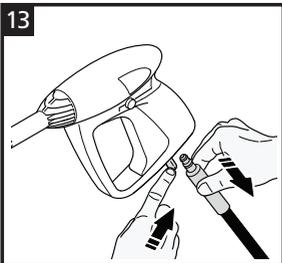
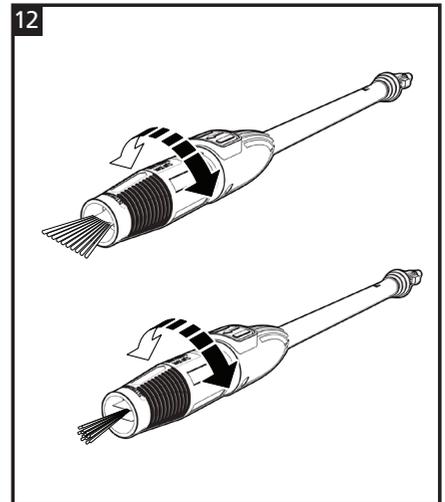
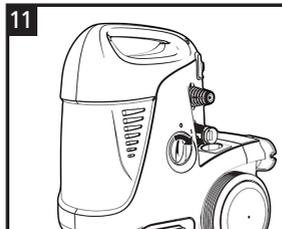
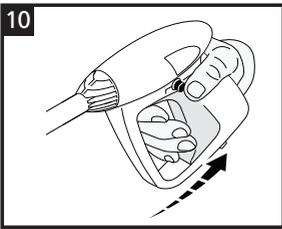
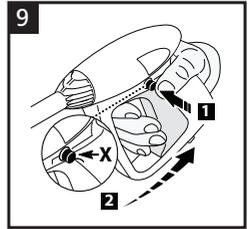
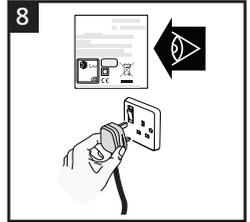
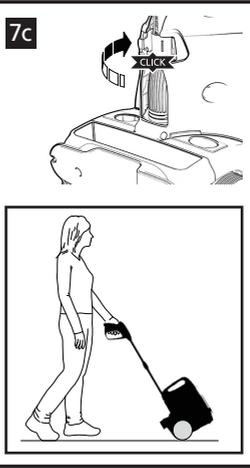
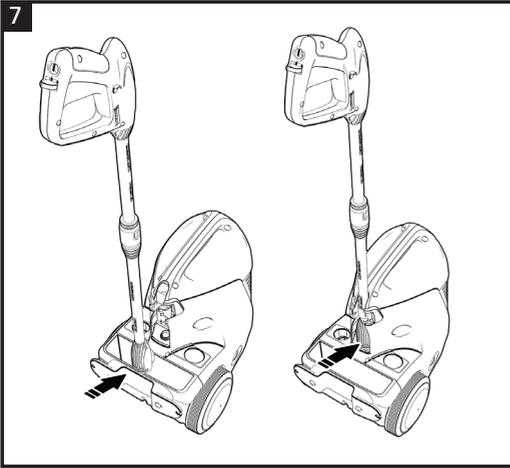
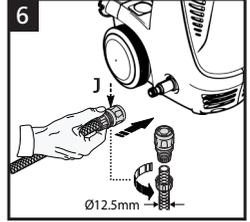
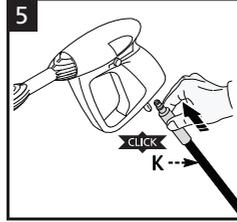
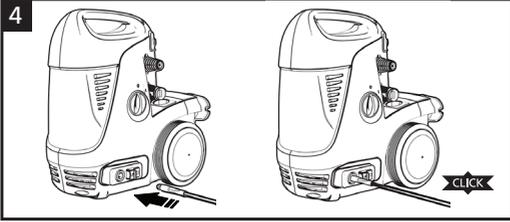


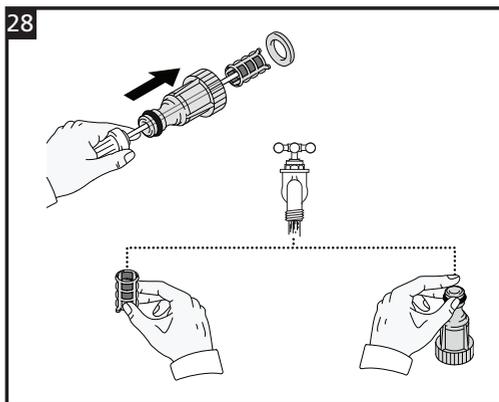
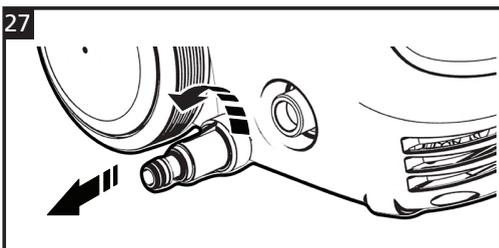
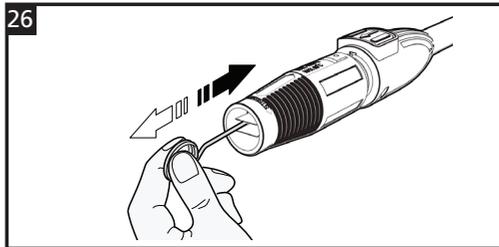
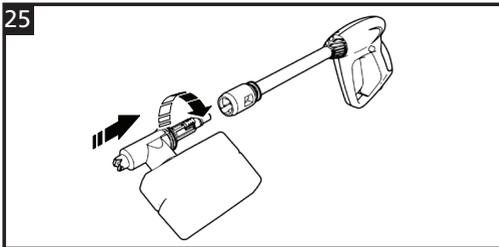
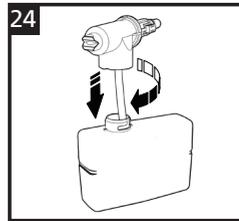
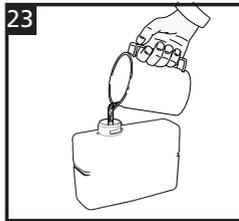
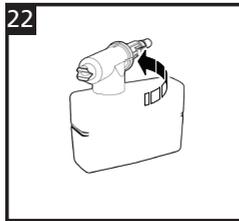
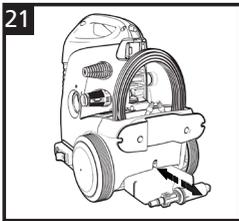
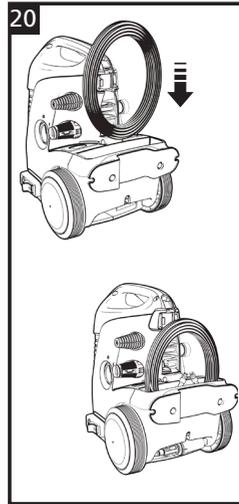
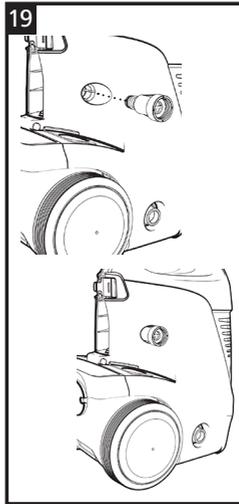
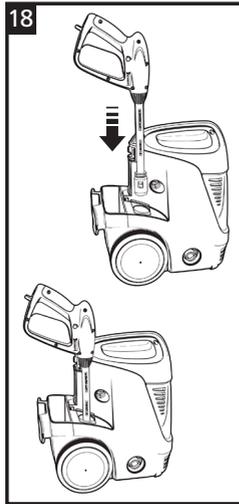
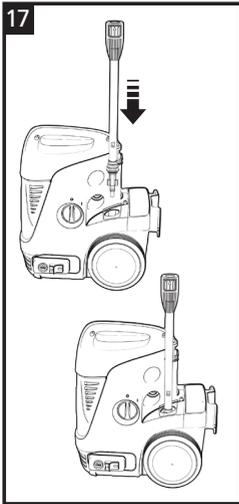
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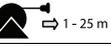
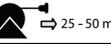


Assembly & Operation







	 Volt 230	 → 1 - 25 m 2 x 1.5 mm ²	 → 25 - 50 m 2 x 2.5 mm ²
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CAUTION



Read these instructions carefully before using this machine.

This machine is intended for domestic use (non-professional) use only.

Contents

- A** Instruction Booklet
- B** Pico Power Pressure Washer
- C** Cable bracket & Screws
- D** Detergent Tank
- E** Gun
- F** Lance Extension
- G** Variable Spray Nozzle
- H** Turbo Spray Nozzle
- I** Inlet Filter
- J** Waterstop Connector
- K** 6m High Pressure Hose
- L** Nozzle Cleaning Tool

Safety Rules / Other Risks

SYMBOLS:



Read instruction manual



WARNING, CAUTION or HAZARD



Electrical Warning



Machine not suitable for connection to potable mains water



Never point the gun at people, animals, live electrical equipment or the machine itself



This product is rated in insulation class II. This means it has reinforced or double insulation



This product complies with the relevant European directives

SAFETY “DO NOTS”



High pressure jets can be dangerous if subject to misuse. Do not direct the water jet at people, animals, live electrical equipment or the machine itself.



Do not use the machine within range of people unless they wear protective clothing.



Do not direct the jet against yourself or others in order to clean clothes or foot-wear.



Do not use the appliance when raining.



To avoid the risk of explosion, do not use the appliance with inflammable or toxic liquids, or any products which are not compatible with the correct operation of the appliance.



High pressure cleaners must not be used by children or untrained personnel.



Do not use the appliance if the high pressure hose, the gun, lances or nozzles are damaged.



Do not move the appliance by pulling on the electrical cable.



Do not operate the product if it has a damaged power cord or plug. If the power cord or plug is damaged, it must be replaced by an Authorised Service Centre.



Do not touch the plug and/or socket with wet hands.



Do not jam the trigger in the operating position.



Check that the rating plate is affixed to the appliance. If not, inform your dealer. Units without rating plates must not be used as they are unidentifiable and potentially dangerous.



Do not tamper with or alter the calibration of the safety valve.



Do not alter the original diameter of the spray head nozzle. May cause

hazardous alteration of operating performance.

-  Do not leave the appliance unattended when it is in operation.
-  Make sure that cars do not drive over the high pressure hose.

SAFETY “DO’S”

-  Always switch off the mains disconnecting switch when leaving the machine unattended.
-  High pressure hoses, fittings and couplings are important for the safety of the machine. Use only hoses, fittings and couplings recommended by the manufacturer.
-  To ensure machine safety, use only original spare parts from the manufacturer or approved by the manufacturer.
-  Always disconnect the electricity supply before starting to handle, clean, maintain, repair or install this appliance. Maintenance and/or repair of electrical components must be carried out by an Authorised Service Centre.
-  All electrical conductors must be protected against the water jet. The mains plug and the coupling between the extension cable must be water tight and never lay in the water.
-  The appliance must only be connected to an adequate electrical power supply which has been installed by a qualified electrician in accordance with IEC 60364-1. It is recommended that the electric supply to this machine should include either a residual current device that will interrupt the supply if the leakage current to earth exceeds 30mA for 30ms or a device that will prove the earth circuit.
-  Always wear appropriate personal protective equipment including safety boots, gloves, hearing protection while

operating this equipment.

-  Before pressing the trigger, grip the gun firmly to counteract the recoil.
-  Ensure that the pressure washer is connected to the mains water supply in accordance with local regulations.
-  After use, turn off the mains switch and water supply. Then squeeze the trigger to depressurise the unit before disconnecting the hose or gun. Failure to do so could result in personal injury or machine damage due to discharge of high pressure water.
-  Before every use check that the power cord, plug and important parts such as the high pressure hose, gun and safety devices are not damaged.
-  Only use detergents which will not corrode the coating materials of the high pressure hose/electrical cable which have been recommended by the manufacturer. The use of other detergents or chemicals may adversely affect the safety of the machine.
-  Ensure that all people or animals keep a minimum distance of 15m away.
-  Observe a distance of at least 30cm when using the jet to clean painted surfaces, to avoid damaging paintwork.
-  This equipment must be used according to local water supply regulations: see the section, **Installation – Water supply Connection**.

ELECTRICAL SAFETY

-  If the power supply cord becomes damaged in any way, it should be replaced by a suitably qualified person. Contact an authorised Service Centre.
-  If the plug becomes damaged in any way, it should be replaced by a suitably qualified person. A replacement plug should be wired according to the following instructions.

IMPORTANT: As the colours of the wires in the mains lead of this product may not correspond with the colours or markings identifying the terminals in your plug, you should proceed as follows:

The wire that is coloured blue must be connected to the NEUTRAL terminal which may be marked with the letter N or coloured blue or black.

The wire that is coloured brown must be connected to the LIVE terminal which may be marked with the letter L or coloured brown or red.

If in doubt, contact a qualified electrician.

 **(UK & IRELAND)** If you have to replace the fuse, only those that are ASTA or BSI approved to BS 1362 and with a rated current of 13 amps should be used. If there is a fuse cover fitted, this cover must be refitted after changing the fuse. If the fuse cover is lost or damaged, the plug must not be used. Spare fuse holders and fuses are available from electrical outlets.

General Information

- This manual forms an integral part of the appliance and should be kept for future reference. Please read it carefully before installing/using the unit. If the appliance is sold, the Seller must pass on this manual to the new owner along with the appliance.

Disposing of packaging

- Please dispose of all packaging in an environmentally responsible way.

Safety signs

- Comply with the instructions provided by the safety signs fitted to the appliance. Check that they are present and legible; otherwise, fit replacements in the original positions.

Technical Information

Intended use

- This appliance has been designed for individual use for the cleaning of vehicles, machines, boats, masonry, etc, to remove stubborn dirt using clean water and biodegradable chemical detergents. Vehicle engines may be washed only if the dirty water is disposed of as per regulations in force.
- Intake water temperature: see data plate on the

appliance.

- Intake water pressure: Max 10 bar, Min 1 bar.
- Operating ambient temperature: above 0°C.

Improper use

- Machines shall not be used by children. Children should be supervised to ensure that they do not play with the machine.

This machine can be used by people with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the machine in a safe way and understand the hazards involved.

Use by unskilled persons or those who have not read and understood the instructions in the manual is forbidden.

- Use of the appliance in a potentially inflammable or explosive atmosphere is forbidden.
- The use of non-original spare parts and any other spare parts not specifically intended for the model in question is prohibited. All modifications to the appliance are prohibited.
- Any modifications made to the appliance shall render the Declaration of Conformity null and void and relieve the manufacturer of all liability under civil and criminal law.

Safety devices

 **Caution - Danger ! Do not tamper with or adjust the safety/pressure valve setting.**

- The safety valve is also a pressure limiting valve. When the gun trigger is released, the valve opens and the water recirculates through the pump inlet.
- Safety button (X): prevents accidental spraying of water by pressing the red safety button (X) into locking position (fig 9).

Installation

Assembly

 **Caution - Danger ! All installation and assembly operations must be performed with the appliance disconnected from the mains power supply, as illustrated in the Assembly & Operation' diagrams.**

Cable wrap

- Fix the cable wrap to the back of the unit with the screws provided using a screwdriver (fig.1 & 2).

Electrical connection

 **Caution - Danger ! Check that the electrical supply voltage and frequency (V-Hz) correspond to those specified on the appliance data plate (fig.8). See Technical Data. The appliance should only be connected to a mains power supply equipped with an adequate earth connection**

and RCD (30 mA) to cut off the electricity supply in the instance of a short circuit.

Use of extension cables

⚠ Inadequate extension cables can be dangerous. If an extension cable is used, it shall be suitable for outdoor use, and the connection MUST be kept dry and off the ground. It is recommended that this is accomplished by means of a cable reel which keeps the socket at least 60 mm above the ground.

Use cables featuring "IPX5" protection level. The cross-section of the extension cable should be proportionate to its length; the longer it is, the greater its cross-section should be (See fig 29).

For an extension cable up to 25m long, ensure that the cross sectional area of the cable core is at least 1.5mm². For extension cables 25m-50m long, ensure that the cross sectional area of the cable core is at least 2.5mm². Do not use extension cables longer than 50m.

⚠ Always fully unwind your extension cable before use.

Water supply connection

⚠ Caution - Danger ! Only clean or filtered water should be used for intake. Please note the max input pressure. Place the appliance as close to the water supply system as possible.

Connection to the mains water supply

- The appliance can be connected directly to the mains drinking water supply only if the supply hose or tap is fitted with a backflow preventer valve. If one is not present, or if you are unsure, fit a backflow preventer valve (such as the Hozelock Non-Return Valve 2181) as per current regulations in force. Make sure that the hose is at least Ø12.5 mm and that it is reinforced.

⚠ Note: Water that has flown through backflow preventers is considered to be non-potable.

Using your Pressure Washer

Start-up

⚠ Caution - Danger ! Before starting up the appliance check that the water supply hose is connected properly; use of the appliance without water will damage it; do not cover the ventilation grills when the appliance is in use.

⚠ Caution - Danger ! During operation the appliance must be positioned as shown in on a sturdy, stable surface.

- Turn on the water supply tap fully.
- Ensure that the red safety button (X) is released (fig.9).
- Depress the gun trigger for a few seconds (fig 10) and start up the appliance by setting the ON/OFF

switch to ON/1 (fig.11).

- This model incorporates a Total Stop System (TSS system), with an automatic delivery flow cut-off system:
- When the gun trigger is released the dynamic pressure automatically cuts out the motor.
- When the gun trigger is depressed the automatic drop in pressure starts the motor and the pressure is restored after a very slight delay (fig 10).
- If the TSS is to function correctly all gun releasing and depressing operations must be performed at intervals over 4-5 seconds.

DO NOT PULSE THE TRIGGER.

- To prevent damage to the appliance, when running do not stop the water jet for more than 10 minutes at a time. If the product is not used for more than 10 minutes please ensure that the on/off switch is switched to off (OFF/0) to prevent damage to the appliance.

Adjusting the spray nozzle

- Water flow is adjusted by regulating the nozzle (fig 12).

Stopping the appliance

- Set the ON/OFF switch to off (OFF/0) (fig 11).
- Depress the gun trigger and discharge any residual pressure inside the hoses.
- Engage the gun's red safety button (X) (fig 9).

Restarting

- Ensure water is connected.
- Release the gun's red safety button (X) (fig 9).
- Depress the gun trigger and discharge any residual air inside the hose.
- Set the on/off switch to on (ON/1) (fig 11).

Storage

- Switch the appliance off (OFF/0) (fig 11).
- Remove the plug from the socket.
- Turn off the water supply tap.
- Discharge the residual pressure from the gun by pressing the trigger, until all the water has come out of the nozzle.
- Drain the detergent tank.
- Disconnect the high pressure hose from the gun by pressing the red quick release button and remove the hose end (fig 13).
- Disconnect the high pressure hose from the pressure washer by pressing the red quick release button at the side of the product and remove the hose (fig 14).
- Disconnect the nozzle from the lance extension (fig 15) and return it to its storage position on the side of the product (fig 16).

- Disconnect the lance extension from the gun and return to its storage position (fig 17).
- Return the gun to its storage position (fig 18).
- Remove the Inlet filter (fig 27) and return it to its storage position on the side of the product (fig 19).
- Coil the high pressure hose taking care not to kink it and store in its storage area at the back of the product (fig 20).
- Engage the gun's red safety button (X).

Filling and using detergent

- Remove the detergent tank from its storage location (fig 21).
- Remove the nozzle by twisting and pulling upwards (fig 22).
- Fill the tank with highly degradable detergent mixed with water as recommended on the detergent's directions (fig 23) and refit the nozzle (fig 24).
- Attach the detergent tank to the lance extension (F) by pushing in and twisting until it stops (fig 25).

Using detergent feature

- Maximum cleaning is achieved by applying the detergent mixed with water to the surface while still dry. When dealing with vertical surfaces work from the bottom upwards. Leave the detergent to act for 1-2 minutes but do not allow the surface to dry. Starting from the bottom, use the high pressure jet at a minimum distance of 30cm. Do not allow the rinse water to run onto unwashed surfaces.
- After use, return the detergent tank to its storage location (fig 21).

Maintenance

Any maintenance operations not covered by this chapter should be carried out by an authorised service centre.

⚠ Caution - Danger ! Always disconnect the plug from the power socket before carrying out any work on the appliance.

Cleaning the nozzle

- Disconnect the nozzle from the lance extension (fig 15).
- Remove any dirt deposits from the nozzle hole using the tool (L) as shown in fig 26

Cleaning the filter

- Inspect the inlet filter (I) before each use and clean if necessary as shown in figs 27 & 28. The cleaning interval required will vary on the hardness of your water so you should inspect the filter regularly.

End-of-season storage

- Ensure there is no residual water left in the appliance and protect against frost.

Troubleshooting

Problem Possible	Causes	Remedy
Pump does not reach working pressure.	Nozzle worn.	Replace nozzle
	Water filter blocked.	Clean filter (figs 27 & 28).
	Water Supply pressure low.	Turn on water supply tap fully.
	Air being sucked into product.	Check tightness of hose fittings.
	Air in pump.	Switch off the appliance and keep de-pressing and releasing the gun trigger until the water comes out in a steady flow. Switch the appliance back on again.
Pressure drops during use.	Adjustable nozzle not Positioned correctly.	Turn the adjustable nozzle (+) (fig 12).
	Water intake from external tank.	Connect appliance to the mains water supply.
	Intake water too hot.	Reduce temperature.
Motor 'sounds' but fails to Start.	Nozzle clogged.	Clean nozzle (fig 26).
	Insufficient power supply.	Check that the voltage of the mains power supply line is the same as that on the rating plate (fig 8).
	Voltage loss due to use of extension cable.	Check characteristics of extension cable.

Problem Possible	Causes	Remedy
	Appliance not used for a long period of time.	Contact Hozelock Consumer Services / Service Agent.
	Problems with TSS device.	Contact Hozelock Consumer Services / Service Agent.
Motor fails to start.	No electrical power.	Check that the plug is firmly in the socket and that the mains voltage supply is present.
	Problem with TSS device.	Contact Hozelock Consumer Services / Service Agent.
Water leakage.	Seals worn.	Contact Hozelock Consumer Services / Service Agent.
Appliance noisy.	Water too hot.	Reduce temperature (see technical data).
Oil leakage.	Seals worn.	Contact Hozelock Consumer Services / Service Agent.
Motor starts even with gun trigger is released.	Nozzle clogged.	Clean nozzle (fig 26).
	High pressure system or pump hydraulic circuit not Watertight.	Contact Hozelock Consumer Services / Service Agent.
No water delivery when gun trigger is depressed (with supply hose connected).	Nozzle clogged.	Clean nozzle (fig 26).

If the motor starts and does not restart during operation, wait 2-3 minutes before repeating the start-up procedure (overload cut-out has been tripped).

If the problem recurs more than once, call your Hozelock Consumer Services / Authorised Service Agent.

Technical Data*

Technical Data	Unit	7920
Output	L/min	5.5
Maximum Output	L/Min	7.3
Pressure	MPa	9.5
Maximum Pressure	MPa	14
Power	Kw	1.7
T° input (max.)	°C	50
Maximum input pressure	MPa	1
Recoil force of the gun at maximum pressure	N	12.6
Motor Insulation	-	Class F
Motor Protection	-	IPX5
Voltage	V/Hz	220 - 240/50
Sound Level: *(K = 3dB(A)) LPA (EN 60704-1) LWA (EN 60704-1)	dB (A) dB (A)	78.5 93.0
Unit Vibrations ***(K = 1.5m/s ²)	m/s ²	< 2,5
Net Weight	kg	7.2
Weight (Packed)	kg	9.1

* Subject to technical modifications

** The sound intensity level for the operator may exceed 78.5dB and ear protection measures are necessary.

*** The declared vibration value has been measured in accordance with a standard test method and may be used for comparing one tool with another. The declared vibration value may also be used in a preliminary assessment of exposure.

WARNING! The vibration emission value during actual use of the tool can differ from the declared value depending on the ways in which the tool is used. Identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

Warranty

This Hozelock product is covered under guarantee to be free of defective parts and materials for a period of 2 years from the date of purchase, providing that the product is used for normal domestic purposes.

The guarantee runs for 2 years after purchase provided that;

- You have followed the installation and operating instructions.
- You consult our helpline / your nearest service centre (01702 482 760) early enough for any problems to be put right.

The guarantee covers materials, construction and conformity defects during the guarantee period, during which time the manufacturer will authorise the replacement or refund of a defective unit, at the point of purchase. This does not affect your statutory rights.

The guarantee does not cover defects caused by or resulting from:

- Incorrect use, abuse or neglect
- Trade, professional or hire use
- Failure to service and maintain the unit as specified in the user's manual
- Unauthorised repairs
- Use of non-original accessories/spare parts
- Frost – this machine and all accessories must be protected from frost
- Damaged caused by foreign objects, substances or accidents

Please keep your receipt as proof of purchase.

If your product is not working properly, please contact our helpline / your nearest service centre.

Service / Spare Parts

For product advice and spares please contact our helpline / your nearest service centre or visit:

www.hozelock.com.

Declaration of Conformity to CE

Hozelock declare that the following Hozelock Pressure Washer:

- **Pico Power Pressure Washer (7920)**

Comply with the requirements of:

- **2014/35/EC – Low Voltage Directive**
- **2014/30/EC – EMC Directive**
- **2006/42/EC - Machinery Directive**
- **2000/14/EC – Outdoor Noise Directive (amended by 2005/88/EC)**

and conform to the following harmonised European standards:

- **EN 60335-1: 2012 + A11:2014**
- **EN 60335-2-79:2012**
- **EN 62233:2008**
- **EN 55014-1:2006/A2:2011**
- **EN 55014-2 :1997/A2 :2008**
- **EN 61000-3-2:2014**
- **EN 61000-3-3:2013**
- **EN 60704-1:2010/A11 :2012**

Measured Sound Power level: 90 dB(A)

Guaranteed Sound Power Level: 93 dB(A)

The conformity assessment method was according to Annex V of the directives.

Place of Issue: Sutton Coldfield, England

Date of Issue: 1st November 2016

Signed: 

Nick Iacofano

Group Technical Director, Hozelock Ltd.

Midpoint Park, Birmingham. B76 1AB.



PLEASE NOTE:

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and wellbeing. In the EU, when replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposal at least free of charge.

HOZELOCK 7920 0000

Pico Power Pressure Washer

220-240V 50Hz 1.7kW IPX5

Q : 5.5 l/min P : 95bar (9.5MPa)

Q_{max} : 7.3 l/min P_{max} : 140bar (14.0 MPa)

Tin_{max} : 50 °C Pin_{max} : 10bar (1.0 MPa)

W: 7.2kg

SERIAL
NUMBER



S/N xxmmdd aaaa yyyy

Made in PRC www.hozelock.com 64114-000
Hozelock Ltd Midpoint Park, Sutton Coldfield. B76 1AB. UK

MODEL
NUMBER

HOZELOCK

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