

# Clarke®



## POWER WASHER

MODEL NO: JETSTAR 1950B

PART NO: 7336017

## OPERATION & MAINTENANCE INSTRUCTIONS

UK  
CA | CE



ORIGINAL INSTRUCTIONS

DL0425

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## INTRODUCTION

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Thank you for purchasing this CLARKE Power Washer.

This pressure washer is designed for cleaning machines, vehicles, buildings, boats, facades, terraces, gardening tools, etc. by means of a high-pressure water jet (if necessary, with additional cleaning agents).

Only use accessories, replacement parts and cleaning agents recommended by CLARKE international.

Before attempting to use this product, please read this manual thoroughly.

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## GUARANTEE

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This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

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## ENVIRONMENTAL RECYCLING POLICY

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Through purchase of this product, the customer is taking on the obligation to deal with the WEEE in accordance with the WEEE regulations in relation to the treatment, recycling & recovery and environmentally sound disposal of the WEEE.

In effect, this means that this product must not be disposed of with general household waste. It must be disposed of according to the laws governing Waste Electrical and Electronic Equipment (WEEE) at a recognised disposal facility.

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## GENERAL SAFETY RULES

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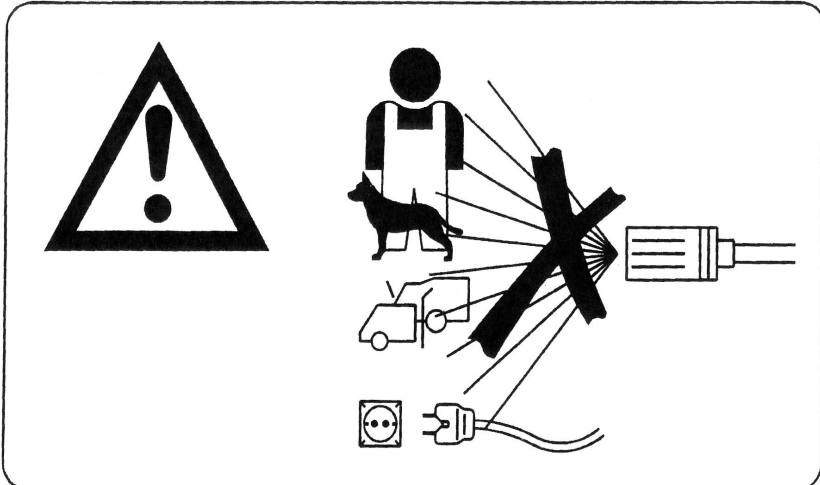
**WARNING: WATER AT HIGH PRESSURE CAN BE DANGEROUS AND CAN CAUSE DAMAGE IF THE OPERATOR IS CARELESS. NEVER ALLOW ANYONE TO OPERATE THIS PRESSURE WASHER UNLESS THEY ARE FAMILIAR WITH THE SAFETY PRECAUTIONS.**

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1. **NEVER** direct the spray towards any person or animal.
2. **NEVER** direct the spray towards electrical wiring or equipment.
3. **NEVER** hold your finger over the high pressure nozzle.
4. **NEVER** allow children or untrained personnel to use this machine.
5. **NEVER** operate the machine with any of the covers removed.
6. **NEVER** attempt any repairs to this machine. Always refer to your Clarke dealer.
7. **NEVER** supply any liquid other than water to the water inlet.
8. **NEVER** use the detergent bottle to introduce flammable liquids/solvents, e.g. paint thinners, petrol, oil as there is a risk of explosion.
9. **NEVER** direct the jet at electrical equipment or the machine itself.
10. **NEVER** use the pressure washer if the supply cable or important parts of the machine are damaged.
11. **ALWAYS** release any residual pressure in the system by turning off the water supply and operating the trigger before disconnecting any hose or accessory.
12. **ALWAYS** keep the machine itself dry and well clear of water spray.
13. **ALWAYS** wear protective clothing and safety glasses. Loose particles and other debris may be propelled at high speed by the water jet.
14. **ALWAYS** grip the gun firmly and expect the spray gun to 'kick' when starting.
15. **ALWAYS** respect the requirements of the local water company. Pressure washers may only be connected to the mains drinking water supply, if a system separator (known as a backflow preventer) is installed in the supply hose.
16. **ALWAYS** disconnect from the water supply, and ensure the system is completely drained when not in use. Store in a cool dry location.
17. **ONLY** use chemical cleaning agents (detergents), that are approved for pressure washers. See page 23 for the full CLARKE range of detergents.
18. **WARNING:** High pressure water jets can be dangerous if subject to misuse. The jet must not be directed at a person or anything that they are wearing.
19. **WARNING:** High pressure hoses, fittings and couplings are important for the safety of the machine. Use only hoses, fittings and couplings recommended by the manufacturer.

20. **WARNING:** Water that has flowed through a system separator (known as a backflow preventer) is considered non-drinkable.

## SYMBOLS ON THE MACHINE

	Read the manual before use.		Warning: High level of noise when in use.
	Wear ear protection when using this machine.		Wear safety glasses when using this machine.
	Failing to follow these instructions could result in injury or damage to the machine.		Conforms to UKCA & CE Regulations.
			The high pressure jet must not be directed at persons, animals, live electrical equipment or at the appliance itself.

# ELECTRICAL CONNECTIONS



**WARNING: READ THESE ELECTRICAL SAFETY INSTRUCTIONS THOROUGHLY BEFORE CONNECTING THE PRODUCT TO THE MAINS SUPPLY.**

Before switching the product on, make sure that the voltage of your electricity supply is the same as that indicated on the rating plate. Connecting it to any other power source may cause damage.

If it is necessary to change the fuse in the plug, the fuse cover must be refitted. If the fuse cover becomes lost or damaged, the plug must not be used until a suitable replacement is obtained.

If the plug has to be changed due to damage, a replacement should be fitted, following the wiring instructions shown below. The old plug must be disposed of as insertion into a mains socket could cause an electrical hazard.

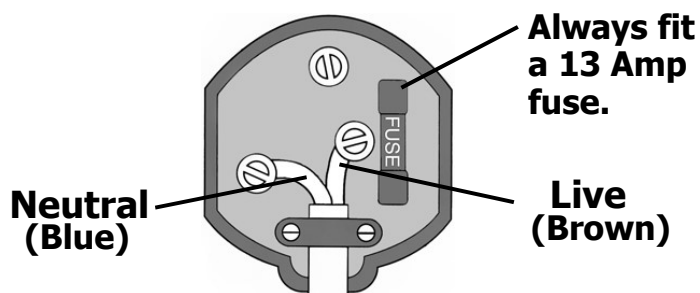


**WARNING: THE WIRES IN THE POWER CABLE OF THIS PRODUCT ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE:  
BLUE = NEUTRAL    BROWN = LIVE**

If the colours of the wires in the power cable of this product do not correspond with the markings on the terminals of your plug, proceed as follows.

- The wire which is coloured **Blue** must be connected to the terminal which is marked **N** or coloured **Black**.
- The wire which is coloured **Brown** must be connected to the terminal which is marked **L** or coloured **Red**.

**Plug must be BS1363/A approved.**



**Ensure that the outer sheath of the cable is firmly held by the clamp**

**We strongly recommend that this machine is connected to the mains supply via a Residual Current Device (RCD) that will interrupt the supply if the leakage current to earth exceeds 30 mA for 30 ms**

If in any doubt, consult a qualified electrician. **DO NOT** attempt any repairs yourself.



This symbol indicates that this is a Class II product, and does not require an earth connection.

## OVERVIEW

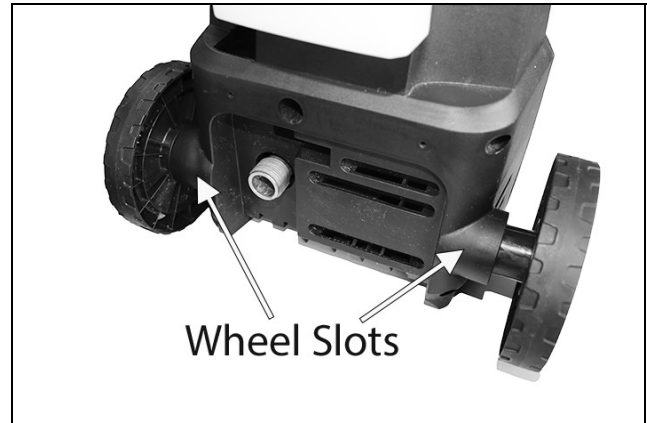


1	Main Body of Power Washer	8	Hose Spool Clamps
2	Handle	9	Hose Spool Handle
3	Spray Gun	10	Inlet Connector with Filter
4	Nozzle	11	Wheels
5	Lance	12	High Pressure Hose & Spool
6	Detergent Bottle Holder	13	Detergent Bottle
7	Spray Gun & Lance Holder	14	Bag of Screws & Nozzle Cleaning Tool

# ASSEMBLY

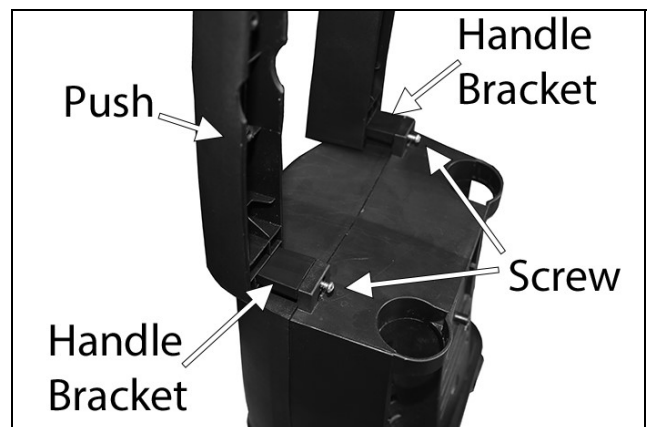
## WHEELS

1. Fit the wheels into the wheel slots at the bottom of the main body.
2. Push the wheels into the slots so they sit flush.



## HANDLE

1. Slide the handle onto the brackets located on top of the main body of the washer.
2. When flush with the front of the main body, using 2 screws supplied, secure the handle in place.

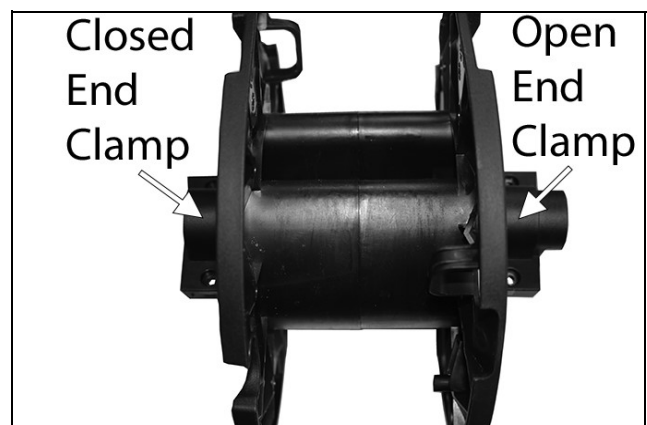


## HOSE SPOOL

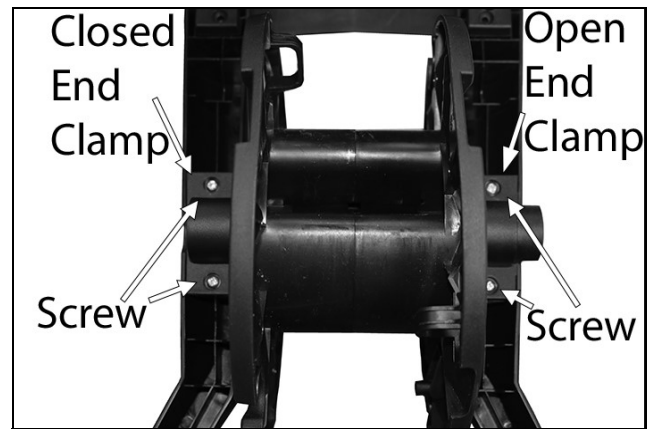
The hose spool can be used to store the high pressure outlet hose when not in use.

To attach the hose spool to the handle, it is easier if you lay the main body face down on a table or workbench.

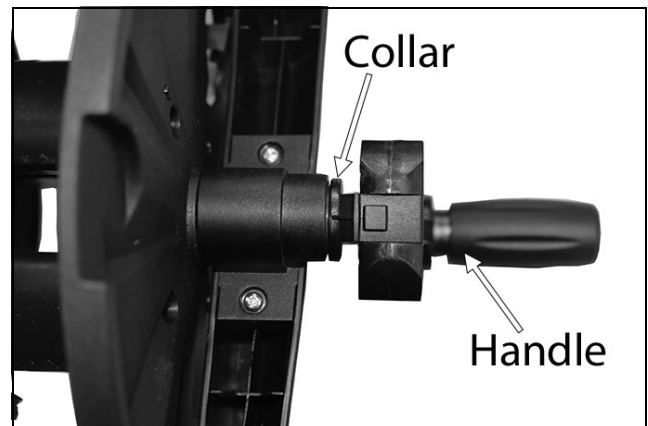
1. Fit the hose spool clamps to the hose spool axles, as shown.



2. Place the hose spool between the handle and using the 4 screws provided, secure the clamps in position, as shown.



3. Push the hose spool handle into the open end clamp, until it sits flush with the handle collar.



4. The handle can be turned in on itself. This is so the handle is out the way for storage and it helps lock the spool in place and the hose from unraveling.



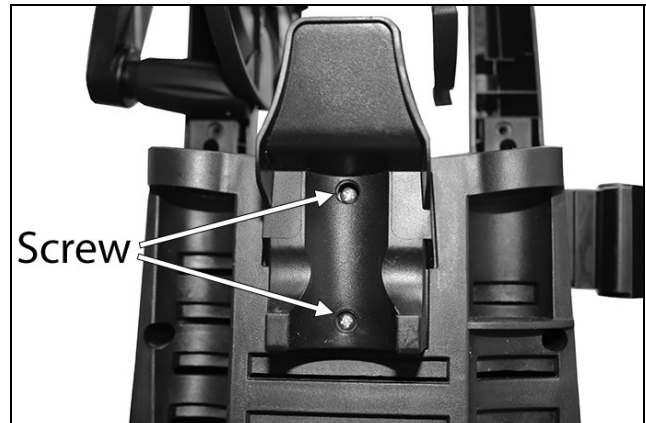
**NOTE:** The spool is for storing the hose when not in use. To avoid snagging or restricting the use of the washer, unspool the hose fully before attaching the gun and connecting it to the washer.



## ACCESSORY HOLDERS

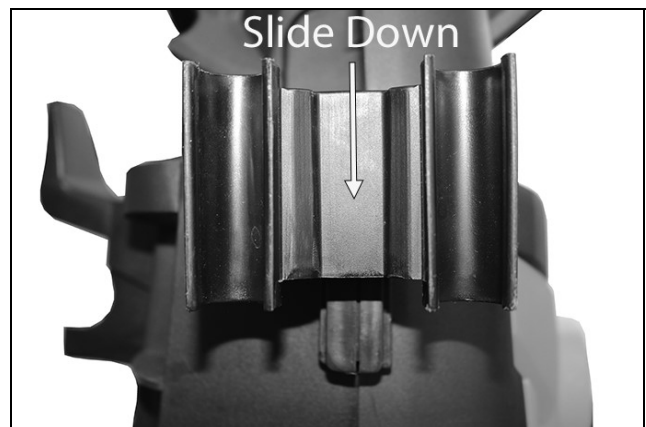
### DETERGENT BOTTLE & POWER CABLE HOLDER

1. Place the detergent bottle & power cable holder on to the rear of the main body of the washer.
2. Using the 2 screws provided, secure the holder in position, as shown.



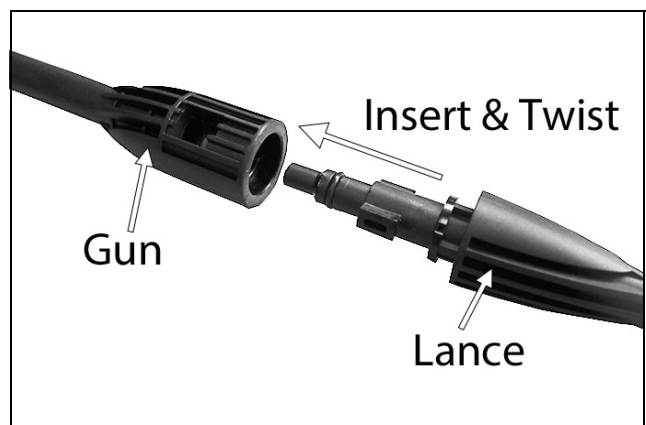
### GUN AND LANCE HOLDER

1. Slide the gun & lance holder on to the bracket on the side of the washer, as shown.

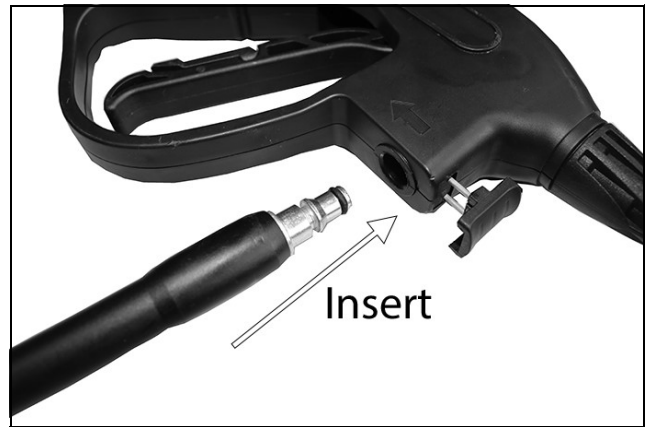


## ASSEMBLING THE SPRAY GUN & HOSE

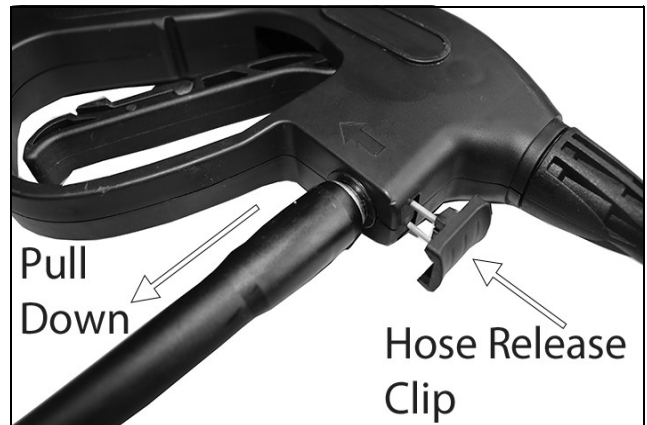
1. Insert the lance into the gun as shown and twist to lock in place.



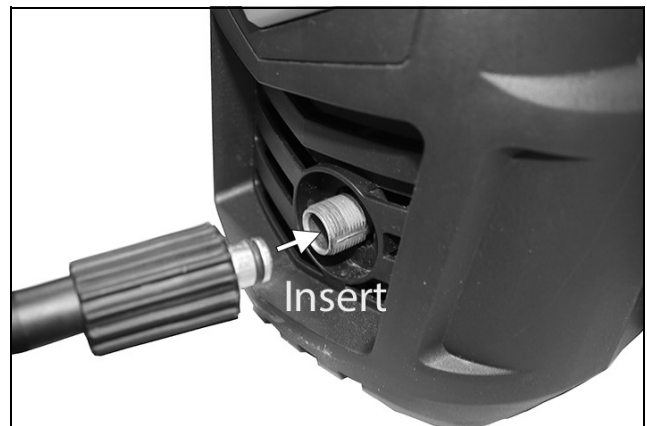
2. Insert the hose into the hose connection port on the underside of the gun, as shown.



3. To release the hose, press the hose release clip in and pull down on the hose.



4. Insert the high pressure hose into the water outlet on the front of the pressure washer as shown.



5. Hand tighten the locking sleeve fully to gain a water tight seal.



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## SAFETY FEATURES

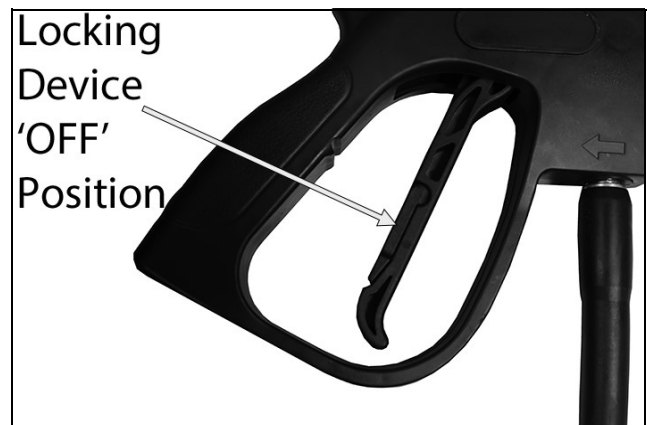
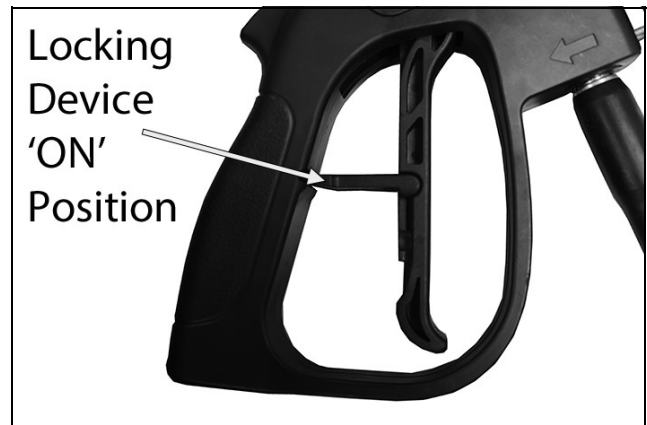
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### THERMAL SENSOR

A thermal sensor protects the motor against overloading. The machine will restart after a few minutes, once the thermal sensor has cooled down.

### GUN TRIGGER LOCK

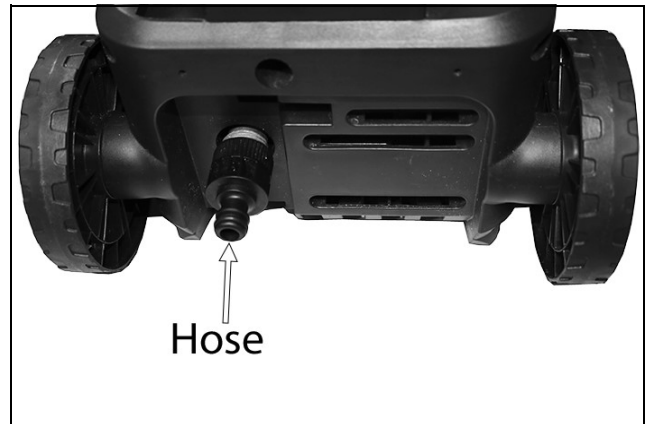
The gun trigger has a locking device, as shown. When the device is raised and locked into the grooves on the rear of the handle, the gun can not be operated. This locking device should always be in the locked 'ON' position when the washer is not in use.



## CONNECTING THE MAINS WATER SUPPLY

**NOTE: ALWAYS** follow the regulations of your local water supplier.

1. Make sure the filter is in the end of the water inlet connector.
2. Hand tighten the inlet connector to the water inlet on the rear of the washer, as shown.
3. Connect the supply hose to the inlet connector.
  - A standard garden hose connector or a reinforced hose with an inner diameter of at least 10 mm available from your CLARKE dealer will be suitable.
4. Connect the supply hose to the water supply.
  - The water supply must provide a maximum of 5 litres per minute at a maximum of 40°C.
5. Open the water tap fully.



# OPERATION

1. Turn the water supply on, making sure that the tap is fully open.



**WARNING: FAILURE TO TURN ON THE WATER FULLY COULD CAUSE DAMAGE TO THE POWER WASHER INTERNAL COMPONENTS.**

**WARNING: DO NOT USE THE POWER WASHER IF THE SUPPLY CABLE OR IMPORTANT PARTS OF THE MACHINE ARE DAMAGED, E.G. SAFETY DEVICES, HIGH PRESSURE HOSES, TRIGGER.**

**WARNING: WE RECOMMEND THAT THIS MACHINE IS CONNECTED TO THE MAINS SUPPLY VIA A RESIDUAL CURRENT DEVICE (RCD).**

2. Plug the mains power cable into the electricity supply.
3. Turn the power switch to the 'ON' position.



4. Move the trigger locking device to the 'OFF' position.

- The pressure washer is now ready for use.

5. Make sure that you have a firm footing and are also holding the gun and spray lance firmly.

- Expect the spray gun to 'kick' when starting.



6. Pull the trigger on the gun to start water flow.

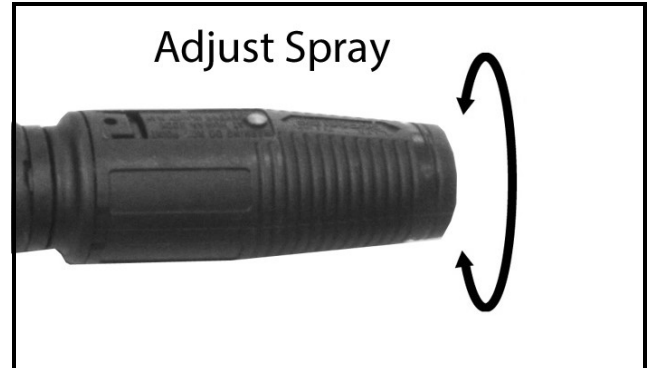
- If you release the trigger the device will switch off again, the system remains under high pressure.
- During longer breaks (more than 5 minutes), turn the pressure washer off. See "Shutting Down" on page 16.

7. Once the machine has been turned off, release any residual pressure in the system by turning off the water supply and operating the trigger before disconnecting any hose or accessory.

## **CHANGE THE SPRAY PATTERN (NARROW JET/WIDE SPRAY)**

1. Hold the shaft of the lance in one hand.
2. To vary the spray between narrow and wide, turn the nozzle counter-clockwise through a half-a-turn (180°).

**NOTE: DO NOT** adjust the spray while the gun is active. **ALWAYS** turn the locking device to the 'ON' position or turn the washer off when adjusting the spray.



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## APPLYING DETERGENTS

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To improve the cleaning performance, you can introduce chemical cleaning agents (detergents) to the water jet using the detergent bottle. This is particularly useful when washing cars, greasy engine parts, or removing oil spots on concrete etc.

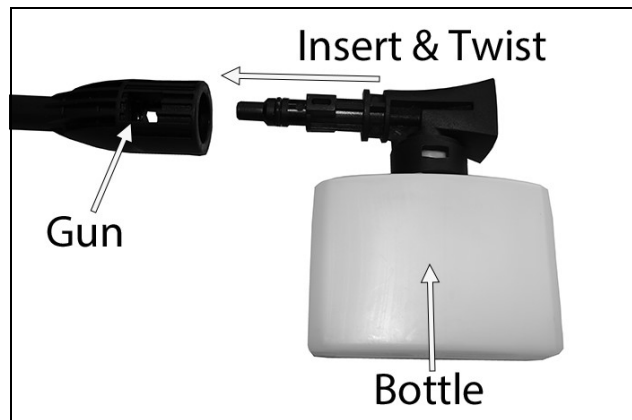
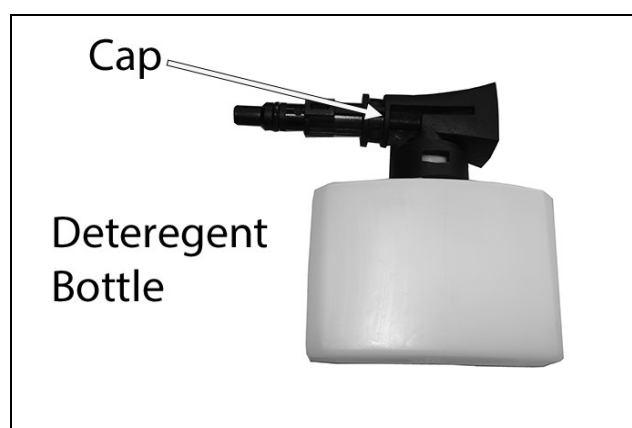


**CAUTION: IF YOUR EYES COME INTO CONTACT WITH ANY CLEANING FLUIDS, RINSE THEM IMMEDIATELY WITH PLENTY OF FRESH CLEAN WATER AND SEEK MEDICAL ADVICE IF REQUIRED.**

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### Detergent application:

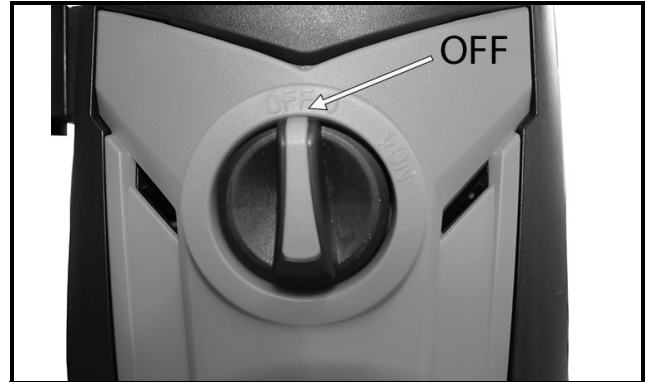
1. Remove the cap and fill the bottle with a max. of 250ml of detergent.
  - Only use detergents recommended for use with pressure washers such as the CLARKE detergents listed on page 23, available from your CLARKE dealer.
2. Replace the cap.
3. Remove the lance section from the gun and replace with the detergent bottle by inserting the bottle into the gun as shown and twist to lock in place.
4. Use the pressure washer as normal.



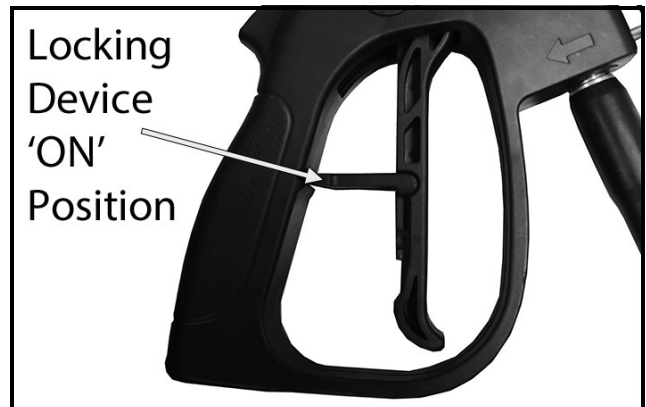
## SHUTTING DOWN

When you have finished using the pressure washer, follow the procedure shown below to switch off and disconnect the unit.

1. Set the power switch to the 'OFF' position.
2. Turn off the water supply at the tap.
3. Release the pressure in the machine by pulling and hold the trigger until no more water comes out of the nozzle.



4. Engage the trigger lock.
5. Disconnect from the power supply.



6. Wind the hose onto the reel and put the spray gun/lance into the holder on the power washer.

## STORAGE PROCEDURE

- Disconnect from the water supply, and ensure the system is completely drained when not in use, see above.
- Store in a cool dry location.
- Avoid storing the power washer at freezing temperatures.
- Residual water in the high pressure pump or hose assembly may cause permanent damage to the components if it freezes.





# MAINTENANCE

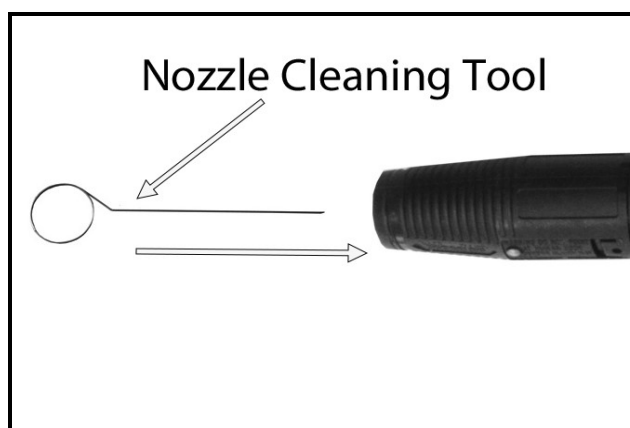


**WARNING: REMOVE THE PLUG FROM THE SOCKET-OUTLET BEFORE CLEANING OR MAINTENANCE AND WHEN REPLACING PARTS**

## CLEANING THE NOZZLE

If the nozzle becomes partially clogged with foreign material such as dirt or limescale, excessive pressure may develop and the pump pressure will pulsate. Clean the nozzle immediately as follows:

1. Turn off the power washer and turn off the water supply.
2. Pull the trigger to relieve any water pressure.
3. Disconnect the lance from the spray gun.
4. Remove any obstructions by directing the water supply into the end of the lance for 30 seconds to back flush loose particles.
5. If flushing does not dislodge the obstruction, carefully use the nozzle cleaning tool, to clear the nozzle.
6. Reconnect the lance to the gun and turn on the water supply



## CLEANING THE WATER INLET FILTER

This filter should be checked periodically and cleaned if necessary.

1. Remove the inlet connector from the pressure washer and remove the filter.
2. Clean the filter by flushing both sides with water.
3. Replace the filter into the connector and replace the connector onto the water inlet.

**NOTE: DO NOT** operate the pressure washer without the filter installed.



## TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
The washer will not start	The washer is not plugged in	Plug the washer in
	The plug fuse has blown	Replace the plug fuse
	Faulty extension cable (if used)	Try without extension cable or replace extension cable
Fluctuating pressure	The pump is drawing in air	Check that hoses and connections are airtight
	Valves are dirty, worn or sticking	Contact your nearest CLARKE service centre
	The water supply is not sufficient	Increase water pressure, check for blockages and/or change to a larger inlet hose
	Pump seals are worn	Contact your nearest CLARKE service centre
The washer stops	The plug fuse has blown	Replace the plug fuse
	Incorrect mains voltage	Unplug other appliances on the same circuit. Check that the mains voltage corresponds to the specifications on page 20
	Thermal sensor activated	Leave the washer to cool for 5 minutes
	Partially blocked jet	Clean the jet nozzle with the cleaning tool. Rinse nozzle
Fuse blown	Plug fuse too small	Check that the plug fuse corresponds to the specifications on page 20
	Increase in the ampage	Try using washer without an extension cable if used

Pulsing washer	Air in the inlet hose/pump	Allow washer to run with open trigger until regular working pressure resumes
	Inadequate supply of water generated	Increase water pressure, check for blockages and/or change to a large inlet hose
	Partially blocked jet	Clean the jet nozzle with the cleaning tool. Rinse nozzle
	Water filter blocked	Clean the inlet water filter
	Folded hose	Unfold any kinks that maybe in the inlet or outlet hoses
The washer turns on and off by itself	Pump fuse and/or trigger out of order	Contact your nearest CLARKE service centre
	No water supply	Connect and/or check the inlet water supply
The washer is on but no water comes out	Water filter blocked	Clean the inlet water filter
	Blocked jet	Clean the jet nozzle with the cleaning tool. Rinse nozzle

## PRODUCT SPECIFICATIONS

<b>Model Number</b>	<b>JETSTAR 1950B</b>
Part Number	7336017
Voltage and Frequency	230V/50Hz
Electrical Insulation Class	II
Input Power @ Rated Load	1650W
Input Current @ Rated Load	6.4A
Plug Fuse Rating	13A
Duty Cycle	S1 Continuous
IP Rating	IPX5
Working Pressure (Outlet)	90bar / 1305psi
Maximum Working Pressure (Outlet)	135bar / 1958psi
Maximum Inlet Pressure	8bar / 116psi
Maximum Output Flow Rate	7 l/min / 420 l/hr
Rated Output Flow Rate	5 l/min / 300 l/hr
Water Type	Clean Cold Water
Ambient Operating Temperature	40°C
Input Water Temperature	1°C - 40°C
Water Supply Hose Diameter	Suitable Snap Connector - 1/2" or 3/4" Hose
Water Supply Suction Depth	Less Than 1m
Detergent Bottle Capacity	250ml
Total Gun & Lance Length	800mm
High Pressure Hose Length	5m
Sound Pressure Level ( $L_{PA}$ )	93db
Sound Power level ( $L_{WA}$ )	75.5dB
Guaranteed sound power level ( $L_{WA}$ )	88.7dB
Sound Uncertainty Factor ( $K_{PA}$ )	3dB
Maximum Vibration	2.2m/s <sup>2</sup>
Uncertainty Factor K	1.5m/s <sup>2</sup>
Dimensions (D x W x H)	290mm x 340mm x 670mm
Weight	6.5kg

# DECLARATION OF CONFORMITY - UKCA



## DECLARATION OF CONFORMITY


This is an important document and should be retained.

We hereby declare that this product(s) complies with the following legislation: The following standards have been applied to the product(s):

2000/14/EC	Outdoor Noise Directive	IEC 62321-4:2013+A1:2017, EN IEC 55014-1:2021, IEC 62321-3-1:2013, IEC 62321-5:2013,
2014/30/EU	Electromagnetic Compatibility Directive	EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A2:2019+A14:2019+A15:2021+A16:2023,
2006/42/EC	Machinery Directive	EN 61000-3-3:2013+A1:2019+A2:2021, EN IEC 61000-3-2:2019+A1:2021, EN 62233:2008,
2011/65/EU	Restriction of Hazardous Substances (RoHS) Directive	IEC 62321-8:2017, EN 60335-2-79:2012, EN ISO 3744:2010, EN IEC 61000-3-11:2019,
		EN IEC 55014-2:2021, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-6:2015

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned legislation has been compiled and is available for inspection by the relevant enforcement authorities.

The UKCA mark was first applied in: 2025

<b>Manufacturer:</b>	Clarke International Ltd, Hemnall Street, Epping, Essex, CM16 4LG, United Kingdom	<b>Notified Body:</b>	N/A
<b>Product Description:</b>	Power Washer	<b>Assessment Procedure:</b>	Annex V of above noise legislation
<b>Model Number(s):</b>	JETSTAR 1950B	<b>Measured LWA:</b>	92.4 dB
<b>Serial/Batch Number:</b>	Refer to product/packaging label	<b>Guaranteed LWA:</b>	92 dB
<b>Document Holder:</b>	Alan Pond	<b>Signed:</b>	
<b>Date of Issue:</b>	25/04/2025		J.A Clarke Director

JETSTAR 1950B UKCA Clarke DOC 042525

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# DECLARATION OF CONFORMITY - CE

CE

**Clarke**  
INTERNATIONAL

## DECLARATION OF CONFORMITY


This is an important document and should be retained.

We hereby declare that this product(s) complies with the following legislation: The following standards have been applied to the product(s):

2000/14/EC	Outdoor Noise Directive	IEC 62321-4:2013+A1:2017, EN IEC 55014-1:2021, IEC 62321-3-1:2013, IEC 62321-5:2013,
2014/30/EU	Electromagnetic Compatibility Directive	EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A2:2019+A14:2019+A15:2021+A16:2023,
2006/42/EC	Machinery Directive	EN 61000-3-3:2013+A1:2019+A2:2021, EN IEC 61000-3-2:2019+A1:2021, EN 62233:2008,
2011/65/EU	Restriction of Hazardous Substances (RoHS) Directive	IEC 62321-8:2017, EN 60335-2-79:2012, EN ISO 3744:2010, EN IEC 61000-3-11:2019, EN IEC 55014-2:2021, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-6:2015

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned legislation has been compiled and is available for inspection by the relevant enforcement authorities.






The CE mark was first applied in: 2025

<b>Manufacturer:</b>	Clarke International Ltd, Fitzwilliam Hall, Fitzwilliam Place, Dublin 2, Republic of Ireland	<b>Notified Body:</b>	N/A
<b>Product Description:</b>	Power Washer	<b>Assessment Procedure:</b>	Annex V of above noise legislation
<b>Model Number(s):</b>	JETSTAR 1950B	<b>Measured LWA:</b>	92.4 dB
<b>Serial/Batch Number:</b>	Refer to product/package label	<b>Guaranteed LWA:</b>	92 dB
<b>Document Holder:</b>	Alan Pond	<b>Signed:</b>	
<b>Date of Issue:</b>	25/04/2025		J.A Clarke Director

JETSTAR 1950B CE Clarke DOC 042525

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## ASSOCIATED PRODUCTS

	<p><b>Concentrated Traffic Film Remover, 5 Litres.</b> Can be used to clean grime off all vehicles. It can also clean engines and chassis. Part Number: 3050821</p>
	<p><b>Heavy Duty Snow Foam, 5 Litres.</b> Can be used to lift the toughest dirt. Suitable for off-road vehicles, tractors, trucks and motorcycles. Part Number: 3050807</p>
	<p><b>Economy Snow Foam with Cherry Fragrance, 5 Litres.</b> Contains finishing gloss treatment. Contains no caustic or harmful chemicals and will easily clean and leave a gloss finish. Part Number: 3050805</p>
	<p><b>Premium Snow Foam with Cherry Fragrance, 5 Litres.</b> Contains finishing gloss treatment. Contains no caustic or harmful chemicals and will easily clean and leave a premium gloss finish. Part Number: 3050806</p>
	<p><b>Wash &amp; Wax Car Shampoo, 2 Litres.</b> Penetrates dirt and grime. With added foam booster, lifts any damaging particles to leave a glossy finish on chrome and bodywork. Part Number: 3050817</p>

# A SELECTION FROM THE VAST RANGE OF

# Clarke®

## QUALITY PRODUCTS



**AIR COMPRESSORS**  
From DIY to industrial, Plus air tools, spray guns and accessories.

**GENERATORS**  
Prime duty or emergency standby for business, home and leisure.

**POWER WASHERS**  
Hot and cold, electric and engine driven - we have what you need

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