BRISTAN

Java Basin & Bath Tap Range

Installation Instructions & User Guide

Please keep these instructions for future reference and request of replacement parts

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Thank you for choosing Bristan, the UK's leading taps and showers expert. We have designed this product with your enjoyment in mind. To ensure that it works to its full potential, it needs to be fitted correctly. These fitting instructions have been created to give you all of the information you need and, if you need any further help, please do not hesitate to give us a call on 0330 026 6273.

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Important Safety Information

- Please read these instructions thoroughly and retain for future use.
- All products manufactured and supplied by Bristan are safe provided they are installed correctly, used correctly and receive regular maintenance in accordance with these instructions.
- If you are in any doubt about your ability to install this product safely you must employ the services of an experienced qualified plumber.
- Remove all packaging and check the components for damage before starting installation.
- ⚠ Before starting any installation please consider the following: Prior to drilling into walls, check that there are no hidden electrical wires, cables or water supply pipes. This can be checked with the aid of an electronic detector.
- If power tools are used do not forget to:
  - Wear eye protection
  - Unplug equipment after use
- This product must not be modified in any way as this will invalidate the guarantee.
- These fittings need to be installed in accordance with and meet the requirements of the Water Supply (Water Fittings) Regulations 1999 and Scottish Byelaws 2004.

General Specifications

Operating pressure range (bar)	Min	Max
Basin Taps	0.2	5.0
Bath Taps	0.2	5.0
Bath Filler	0.2	5.0
Bath Shower Mixer	0.2	5.0

Maximum static pressure – 10.0 bar

NOTE:- Nominally equal (balanced) inlet supply pressures are recommended for optimum Performance of mixer taps.

Designed to comply with BS EN 200 for single taps / combination taps for water systems of type 1 and 2 general technical specifications; and to be used within systems designed to BS 6700.

BS 6700 recommends the temperature of stored water should never exceed 65°C. A stored water temperature of 60°C is considered sufficient to meet all nominal requirements and will minimise the build up of lime scale in hard water areas.

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Installation Requirements

IMPORTANT - PLEASE READ

This/these fitting/fittings needs/need to be installed in accordance with the following Installation Requirements and Notes (IRN) to ensure they meet the requirements of the Water Supply (Water Fittings) Regulations 1999 and the Scottish Byelaws 2004.

IRN R001: J ½ C, J ¾ C, J BF C, J BSM C
See text of entry for Installation Requirements or Notes.

IRN R005: J ½ C, J ¾ C, J BF C
This tap or combination tap assembly has a Type AUK2 air gap and is therefore only suitable for installation in domestic premises or in other premises to protect against a backflow risk up to a Fluid Category 3, unless additional backflow protection for the higher risk is included in the installation.

IRN R010 - Schedule 2-15 (1): J BF C, J BSM C
Water supplies shall be a reasonably balanced pressures from a common source (e.g. hot and cold supplies both from the same storage or both from a supply pipe). Where the fitting is supplied from unbalanced supplies (e.g. hot and cold supplies from separate sources) a 'Listed' single check valve or some other no less effective backflow prevention device shall be fitted immediately upstream of both hot and cold water inlets.

IRN R040 - Schedule 2-15 (1): J BSM C

The fitting shall be installed so that its outlet discharges above the spill-over level of any fixed appliance as indicated below:-

For backflow protection in domestic or installations up to, and including, Fluid Category 3.

1. Size of tap or combination fitting.	2. Vertical distance of outlet above spill-over level.
1. Not exceeding 1/2 in	20mm
2. Exceeding 1/2 in but not exceeding 3/4 in	25mm
3. Exceeding 3/4 in	70mm

If the fitting cannot be installed as indicated in the table it shall be installed:

a) with an approved double check valve assembly or some other no less effective backflow prevention device immediately upstream of the inlet; or
b) so that it draws water by gravity only from a cistern, or cylinder having a permanently open vent pipe, and the distributing pipe supplies no other fitting (other than draining tap) at a lower level.

For backflow protection in premises or installations up to, and including Fluid Category 5.

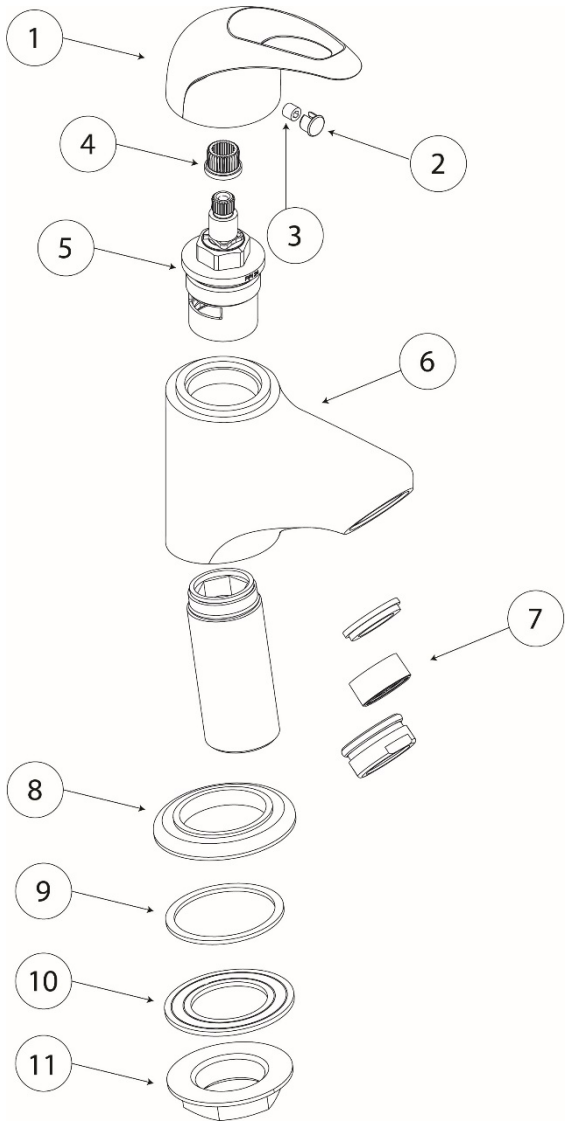
The vertical distance of the outlet above the spill-over level shall be not less than 20mm or twice the diameter of the inlet pipe to the fitting, which ever is the greater. If the fitting cannot be installed as indicated it shall be installed with a backflow prevention arrangement suitable for the Fluid Category.

Installation

½" Basin & ¾" Bath Taps

1. Identify all components are present prior to starting installation.
2. Slide the plinth (8) and O-Ring (9) onto the threaded tail and install the taps to the basin.
3. Using the washer (10) and backnuts (11) secure the taps to the basin by tightening the backnuts onto the threaded tails. A suitable spanner (not supplied) may be required to fully tighten the backnuts (11).
4. Connect the hot and cold water supplies to the taps.
5. Turn on the water supplies and open both taps letting the water flow for a few minutes to check all joints and connections for any leaks.

1.	Handle	x2
2.	Indice	x2
3.	Grub Screw	x2
4.	Spline Adapter	x2
5.	Valve	x2
6.	Tap Body	x2
7.	Anti-Splash Assembly	x2
8.	Plinth	x2
9.	O-Ring	x2
10.	Washer	x2
11.	Backnut	x2



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Installation cont.

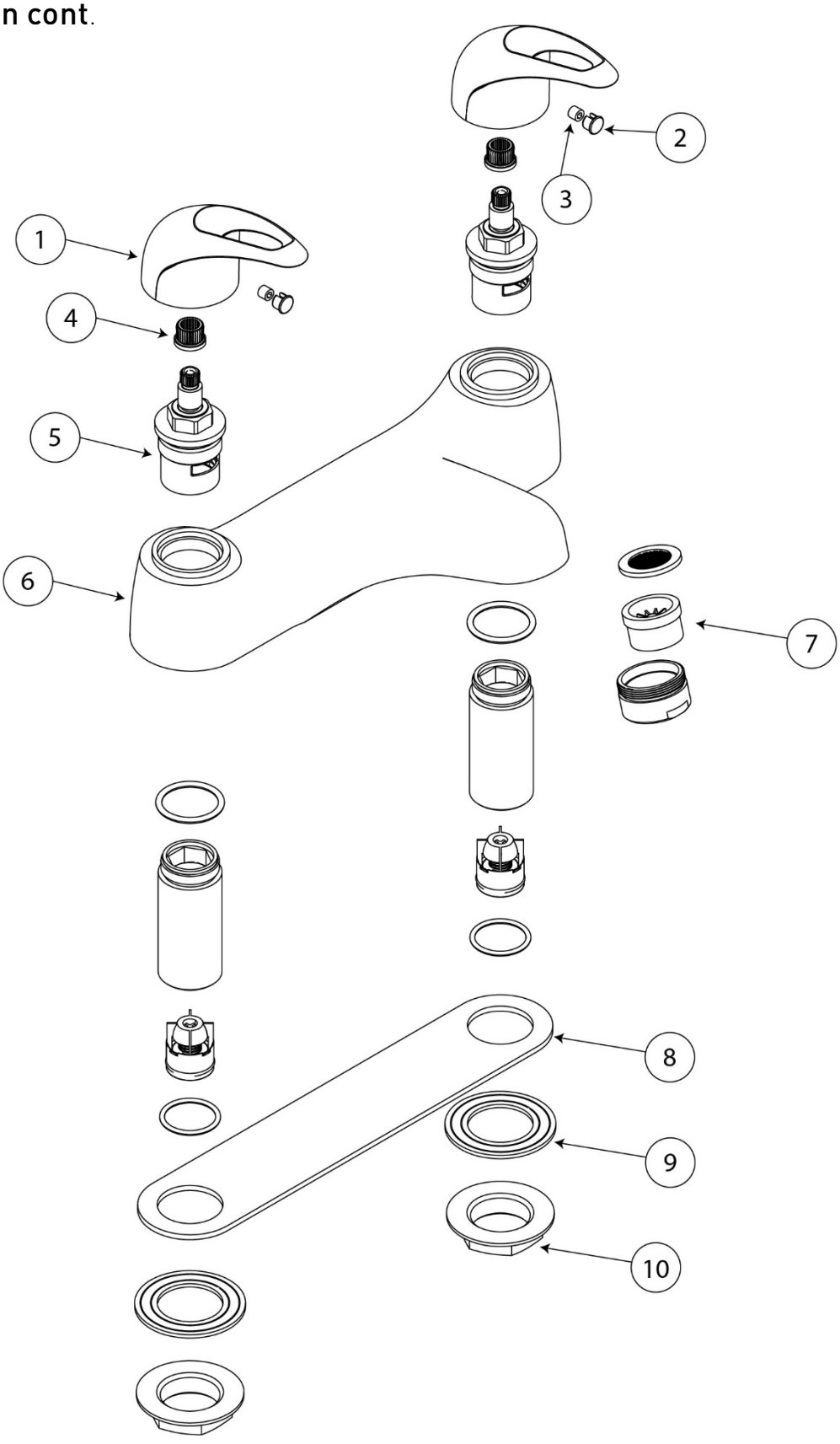
Bath Filler

1. Identify all components are present prior to starting installation.
2. Slide the base washer (8) onto the threaded tail of the tap and install the mixer body (6) to the bath.
3. Using the washers (9) and backnuts (10), secure the mixer body (6) to the bath by tightening the backnuts (10) onto the threaded tails. A suitable spanner (not supplied) maybe needed to fully tighten the backnuts (10).
4. Connect the hot and cold water supplies using ¾" tap connectors (not supplied).
5. Turn the handles in both directions, letting the water flow for a few minutes to check all joints and connections for leaks.

1.	Handle	x2	6.	Mixer Body	x1
2.	Indice	x2	7.	Anti Splash Assembly	x1
3.	Grub Screw	x2	8.	Base Washer	x1
4.	Spline Adapter	x2	9.	Washer	x2
5.	Valve	x2	10.	Backnut	x2

Installation cont.

Bath Filler



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Installation cont.

Bath Shower Mixer

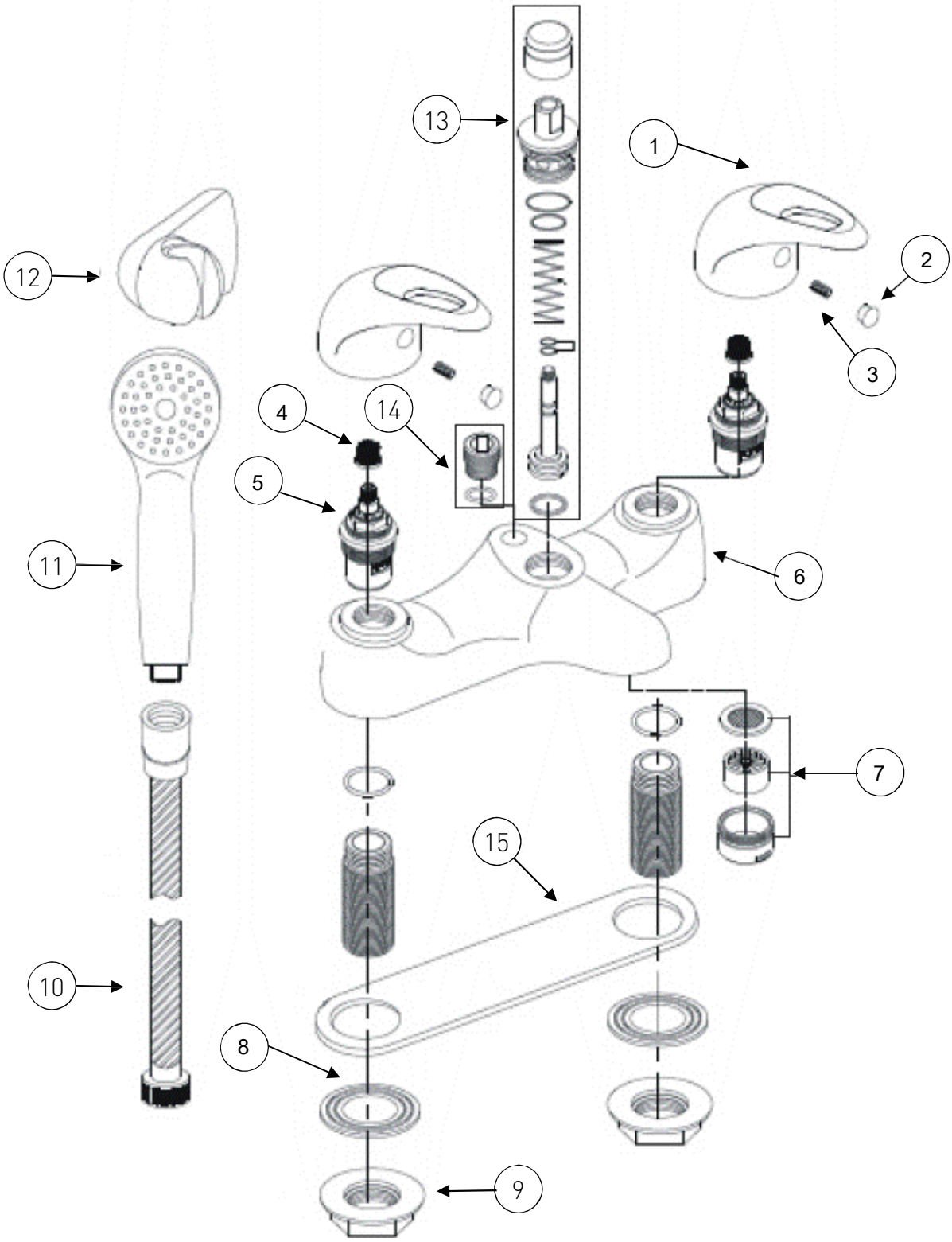
1. Identify all components are present prior to starting installation using the diagram overleaf.
2. Slide the base washer (15) onto the threaded tails of the tap body and install the mixer body (6) to the bath.
3. Using washers (8) and the backnuts (9) secure the mixer body (6) to the bath by tightening the backnuts (9) onto the threaded tails. A suitable spanner (not supplied) may be required to fully tighten the backnuts (9).
4. Connect the hot and cold water supplies using ¾" tap connectors (not supplied).
5. Fit the shower hose (10) to the hose outlet using the small washer, and the handset (11) to the hose using the small washer.
6. Fit the wall bracket (12) to the wall using the fixings supplied, ensuring the handset (11) and hose (10) reaches it comfortably.
7. Turn the handles in both directions, letting the water flow for a few minutes to check all joints and connections for leaks
8. To switch from bath to shower mode, simply pull the diverter up. After use the mixer automatically reverts to the bath filling mode.

   NOTE: The mixer incorporates a 'lock-up' diverter feature, for use with low pressure water systems. Simply twist the diverter knob when in the up position to lock in the shower mode. After use twist back to allow diverter knob to drop back down to bath filler mode

1.	Handle	x2	9.	Backnut	x2
2.	Indice	x2	10.	Shower Hose	x1
3.	Grub Screw	x2	11.	Handset	x1
4.	Spline Adapter	x2	12.	Wall Bracket	x1
5.	Valve	x2	13.	Diverter Assembly	x1
6.	Mixer Body	x2	14.	Hose Outlet	x1
7.	Anti-Splash Assembly	x1	15.	Base Washer	x1
8.	Washer	x1			

Installation cont.

Bath Shower Mixer



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Maintenance

General Cleaning

Your fitting has a high quality finish and should be treated with care to preserve the visible surfaces. All finishes will wear if not cleaned correctly. The only safe way to clean your product is to wipe with a soft damp cloth. Stains can be removed using washing up liquid. All bathroom cleaning products (powders and liquids) will damage the surface of your fitting, even the non-scratch cleaners.

Cleaning the Showerhead – J BSM C

Your Bristan showerhead has rub-clean nozzles for easy cleaning. Simply rub your fingers across the rubber spray jets regularly and before you turn the shower on to remove any scale or debris.

The hardness of the water in your area will determine how often you should clean your showerhead. Build up of scale in particularly hard water areas combined with constant use means you may need to clean your showerhead once a week. To ensure continued performance the showerhead needs to be regularly descaled.

Tip: If the showerhead is heavily scaled or has not be maintained for a long period of time a solution of hot water and white vinegar may be needed to clear the scale.

Mix a 50/50 solution and rub the nozzles thoroughly with the solution making sure the solution gets into all of the nozzles.

Wash off the solution with clean water.

Maintenance cont.

Cleaning the Valves – Basin Taps, Bath Tap, Bath Filler and Bath Shower Mixer

We advise that your fitting is regularly serviced in hard water areas to maintain optimum performance (see map of Hard Water Regions in the UK on page 17.

If your fitting begins to leak the following should be carried out;

Isolate both hot and cold water supplies to the tap by either:

•Turning the water supply off at the mains stopcock or

• Turning off the isolation valves to the tap.

1. Remove the cap from the underside of the lever to reveal the concealed grub screw.

2. Unscrew the grub screw and pull the handle upwards from the valve & Spline adapter.

3. Using a suitable spanner remove the valve from the tap body.

4. Clean the valve and the seating inside the tap body.

5. If necessary replace the valve.

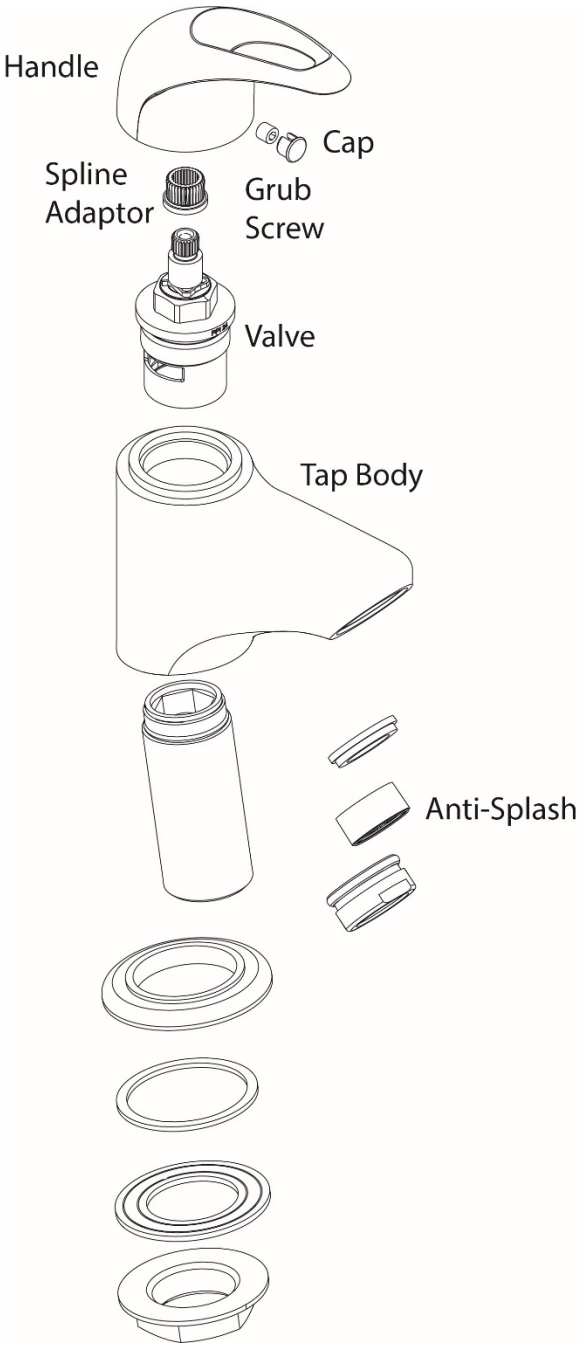
Please visit www.bristan.com/sparesfinder in order to find spare parts for this product.

6. Replace the valve into the tap body and tighten fully using a suitable spanner.

7. Replace handle assembly.

8. Turn on water supply and check for leaks.

9. Contact our helpline should if problem persists.



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Troubleshooting

Symptom	Cause	Remedy
No flow or poor flow rate.	Partially closed stop or service valve in water supply pipework to the tap.	Open stop or service valve.
	Head of water is below the minimum distance required.	Refer to the Specification section for minimum pressures required.
	Possible airlock / blockage in supply pipework	Remove water supplies from the fitting and flush the system to remove any airlocks / debris.
	Cartridge / Valve not opening fully.	Service fitting. Refer to maintenance section on page
Water dripping for a few seconds after the tap has been turned off.	This is caused by 'capillary action' and residual water in the spout being siphoned out. This should only last for a couple of seconds.	
Constant dripping / leaking when the tap is not in use.	Cartridge / Valve not fully shutting off.	Service fitting and replace cartridge / valve. Refer to maintenance section.
Fitting does not turn on.	Water supplies not turned on.	Check that the water supplies to the fitting are turned on.
	Closed stop or service valve.	Open stop or service valve.
Water does not come out of the showerhead when using the bath shower mixer.	Diverter mechanism not fully open.	Open the diverter mechanism fully by pulling the diverter knob up.
	Insufficient water pressure / header height.	Refer to the specification section for minimum pressures required.

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At Bristan, we want to make things as easy as possible for our customers. That's why we offer solid guarantees on all of our products, effective from the date of purchase, to give you peace of mind.

To start your free guarantee, simply scan the QR code and register your product.
Alternatively, visit www.bristan.com/register.

For any other queries, please call our Customer Service on 0330 026 6273 where our expert team of advisors will be able to offer you any help and advice.

For full guarantee terms and conditions, visit:
www.bristan.com/guarantees

We Know & We Care

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Notes:

Notes:

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This booklet covers product codes

J ½ c
J ¾ c
J BF C
J BSM C

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