

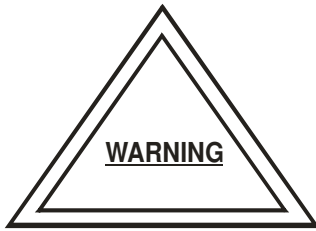
BRISTAN

Thermostatic Cartridge CART 06734B

Service Instruction



Please keep these instructions for future reference



Before starting any servicing please isolate your water supply by either;

- 1. Turn the water off at the mains supply stopcock*
- 2. Turn the water off at the isolations valves to the shower*

The following literature will guide you through servicing and regulating the temperature of your shower valve.

Removal of the cartridge from a Bar Shower valve.

1. Turn off both water supplies to the shower valve.
2. Remove the end cap on the temperature handle,
3. Remove centre retaining screw.
4. Pull the temperature handle off from the cartridge spindle.
5. Once you have removed the temperature handle you will come to the Temperature stop ring. This will have to be removed carefully. (remember what position it came off in, it maybe necessary to mark it's position).
6. After taking the temperature stop off the next part you need to remove is the cartridge retaining nut. This is screwed into a thread on the bar valve. For this you will need to use a 30mm spanner. Unscrew the cartridge retaining nut anti-clockwise.
7. The cartridge will pull out from the body once the retaining nut has been removed.



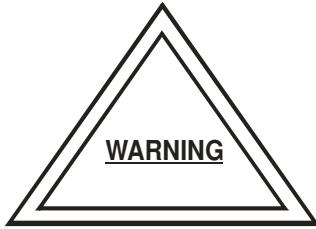
If the cartridge is heavily covered in lime scale, we suggest submerging it in a 50/50 solution of hot water and white vinegar. Leave the cartridge to soak for approximately 4 hours, take out and rinse the solution off with cold water.

8. Apply silicon grease (sp-495-0002) with clean hands around all visible black seals as shown opposite, and avoid contact with foreign objects to keep it clean until refitted. Insert the cartridge back into the bar shower valve.



Note: Only use silicon grease to grease seals.

9. Screw the retaining nut back onto the valve body to hold the cartridge in place.
10. Replace the temperature stop ring (in the position in which it came off).
11. Replace the handle, centre retaining screw and the end cap.



Before starting any servicing please isolate your water supply by either;

- 1. Turn the water off at the mains supply stopcock*
- 2. Turn the water off at the isolations valves to the shower*

Removal of the cartridge from a mixer shower valve.

1. Turn off both water supplies to the shower valve.
2. Remove the centre cap / indice on the temperature handle,
3. Remove centre retaining screw.
4. Pull the temperature handle off from the cartridge spindle.
5. Once you have removed the temperature handle you will come to the Temperature stop ring. This will have to be removed carefully. (remember what position it came off in, it may be necessary to mark it's position).
6. After taking the temperature stop off the next part you need to remove is the cartridge retaining nut. This is screwed into a thread on the mixer valve. For this you will need to use a 30mm spanner. Unscrew the cartridge retaining nut anti-clockwise.
7. The cartridge will pull out from the body once the retaining nut has been removed.

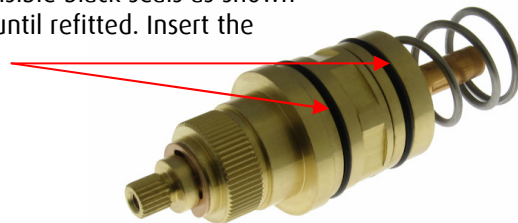


If the cartridge is heavily covered in lime scale, we suggest submerging it in a 50/50 solution of hot water and white vinegar. Leave the cartridge to soak for approximately 4 hours, take out and rinse the solution off with cold water.

8. Apply silicon grease (sp-495-0002) with clean hands around all visible black seals as shown opposite, and avoid contact with foreign objects to keep it clean until refitted. Insert the cartridge back into the bar shower valve.

Note: Only use silicon grease to grease seals.

9. Screw the retaining nut back onto the valve body to hold the cartridge in place.
10. Replace the temperature stop ring (in the position in which it came off).
11. Replace the handle, centre retaining screw and the end cap.



Temperature Adjustment (Bar shower)

This cartridge is factory set at 38°C. This can however be adjusted for personal preference. To do this follow the steps below.

1. Remove the end cap from the temperature handle and unscrew the retaining screw.
2. Pull the temperature handle off from the spline of the thermostatic cartridge.
3. Turn the flow of water on fully using the flow control handle.
4. Turn the spindle of the thermostatic cartridge anti-clockwise to make the shower hotter and clockwise to make it cooler until the desired temperature has been reached.
5. Replace the temperature control handle so that the stop is in the maximum position.
6. Replace the centre retaining screw and push the end cap back on.

Note: We advise in hard water areas that the shower is maintained regularly to enhance performance.

Temperature Adjustment (Mixer shower)

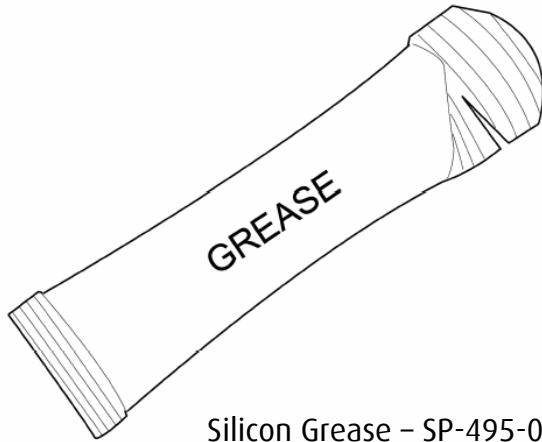
This cartridge is factory set at 38°C. This can however be adjusted for personal preference. To do this follow the steps below.

1. Remove the centre cap/indice from the temperature handle and unscrew the retaining screw.
2. Pull the temperature handle off from the spline of the thermostatic cartridge.
3. Turn the flow of water on fully using the flow control handle.
4. Turn the spindle of the thermostatic cartridge anti-clockwise to make the shower hotter and, clockwise to make it cooler until the desired temperature has been reached.
5. Replace the temperature control handle so that the stop is in the maximum position.
6. Replace the centre retaining screw and push the centre cap / indice back into the centre of the temperature handle.

Note: We advise in hard water areas that the shower is maintained regularly to enhance performance.

fault diagnosis	
symptoms	cause / rectification
only hot or cold water from the mixer outlet	Inlets reversed (hot supply to cold supply) check that the connections are the correct way round. Hot on the left and cold on the right when viewed from the front.
	Rework pipework if necessary.
outlet temperature too hot / cold	No hot or cold water reaching mixer.
	Check insert filters for any blockage.
	Installation conditions outside operating parameters. Refer to specification section. Winter conditions - If using combination boiler system and shower output temperature is low, please contact Bristan for guidance.
fluctuating or reduced flow	Check the shower handset, hose and filters for any blockage.
	Make sure that the maintained inlet pressures are nominally balanced and sufficient.
	Make sure the inlet temperature differentials are sufficient. The inlet hot water temperature must be at least 10°C above the required blend temperature. The maximum recommended hot supply is 60°C
	Air lock or partial blockage in the pipework.
leaking from controls	Cartridge seals damaged, replace as necessary.
water leaking from shower head	This is normal for a short period after shut off.
	Check that the pressures do not exceed the specification for the product.
	Cartridge seals damaged, replace as necessary.

Bristan Spare Part Numbers



Silicon Grease – SP-495-0002



Complete Cartridge – CART 06734B

Notes

Use this page for any notes that you have regarding the servicing of your shower valve.

BRISTAN

This booklet covers servicing of
CART 06734B

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