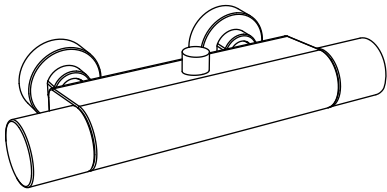


STORM SV2208



STORM SV2207

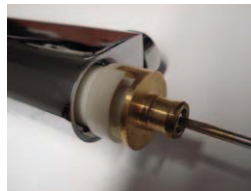
### Method For Adjusting the Mixed Water Temperature

If the mixed water temperature is above the factory set level of 42 degrees the outlet water temperature can be adjusted by following these simple instructions:

1. Remove the temperature handle of the valve via the chrome cover cap and grub screw to handle side.



2. Remove the brass handle stop via the securing screw.



3. Rotate the temperature cartridge spindle until a desired maximum temperature is reached. When looking at the front of the valve move upwards for cold and downwards for hot.

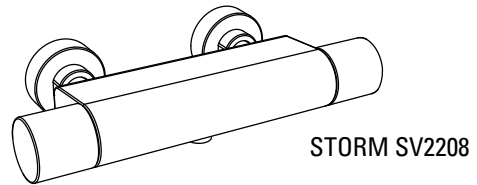
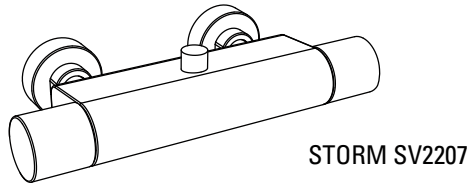


4. Replace and secure the brass handle stop ensuring that the front of the brass stop arm is touching the front of the cartridge stop. This prevents the temperature cartridge spindle from rotating to a hotter position.



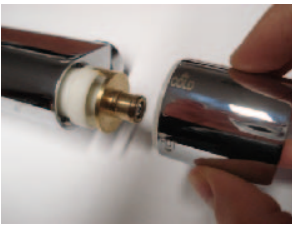
5. Replace the handle via grub screw and cover cap.



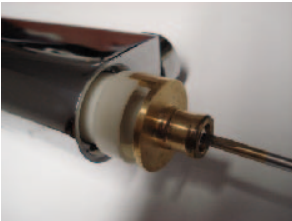


## Method For Replacing a Temperature Cartridge

1. Remove the temperature handle of the valve via the chrome cover cap and grub screw to handle side.



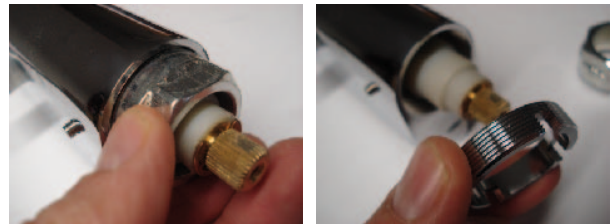
2. Remove the brass handle stop via the securing screw.



3. Remove plastic cartridge stop



4. Remove cartridge retaining nut using the tool supplied with the bar valve. If this is not available the nut can be removed using a flat head screw driver.



5. Remove the cartridge grub screw via the base of the valve body



6. Remove the cartridge from the valve body To aid this replace the brass handle stop. This will provide some grip when removing.



7. To replace the cartridge reverse the procedure above

### Inline Valve Cartridge Removal Instructions

These instructions provide a guide for removal, replacement and maintenance of the inline valve cartridge. Maintenance should be carried out in accordance with the TMV2 regulations. A guide to maintenance and testing is provided in the shower valve instruction and maintenance booklet provided with the shower valve.

These instructions apply to both inline dual and triple control valves. The dual valve has been used to illustrate the removal of the cartridge.

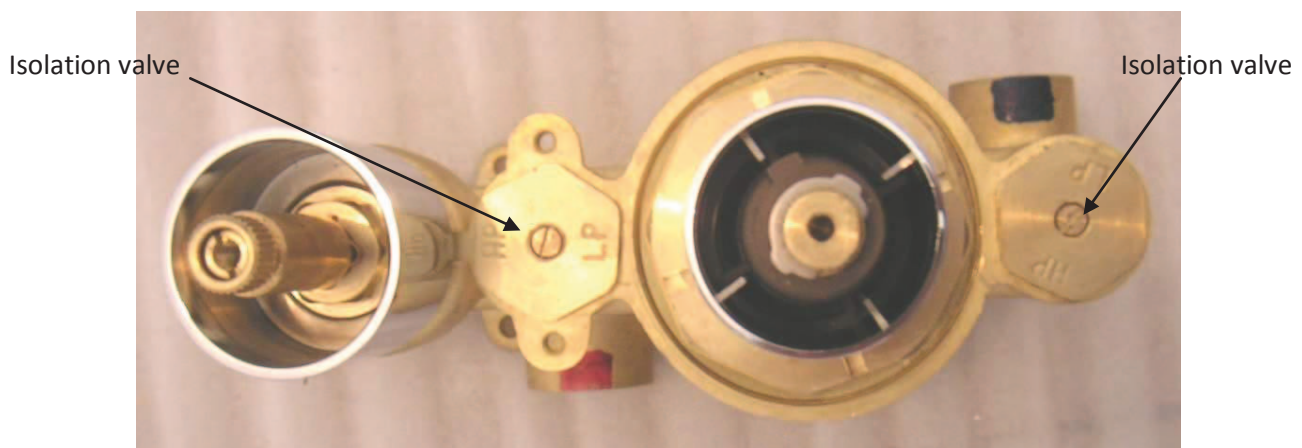


**Ensure water is isolated at the hot and cold inlets prior to any work carried out.**

1. Remove the handles and cover plate cover plate. The instruction and maintenance guide supplied with the shower valve describes detailed instruction for assembly and disassembly of the handles. Follow this guide to ensure handles are re-assembled so that the temperature handle is set to the correct temperature.

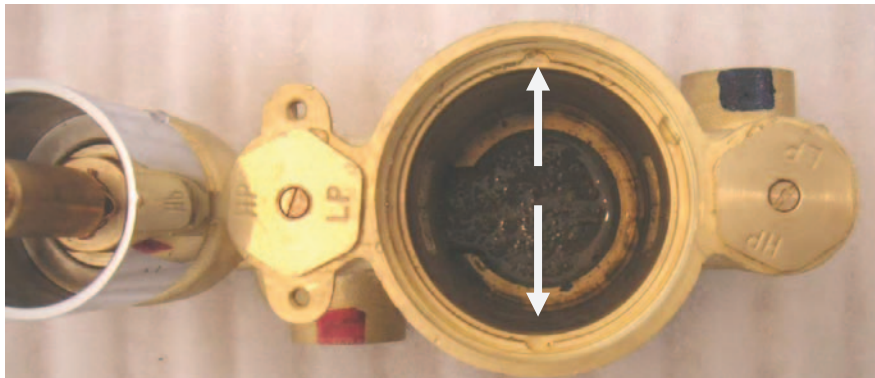


2. Isolate the hot and cold water at the check valve points





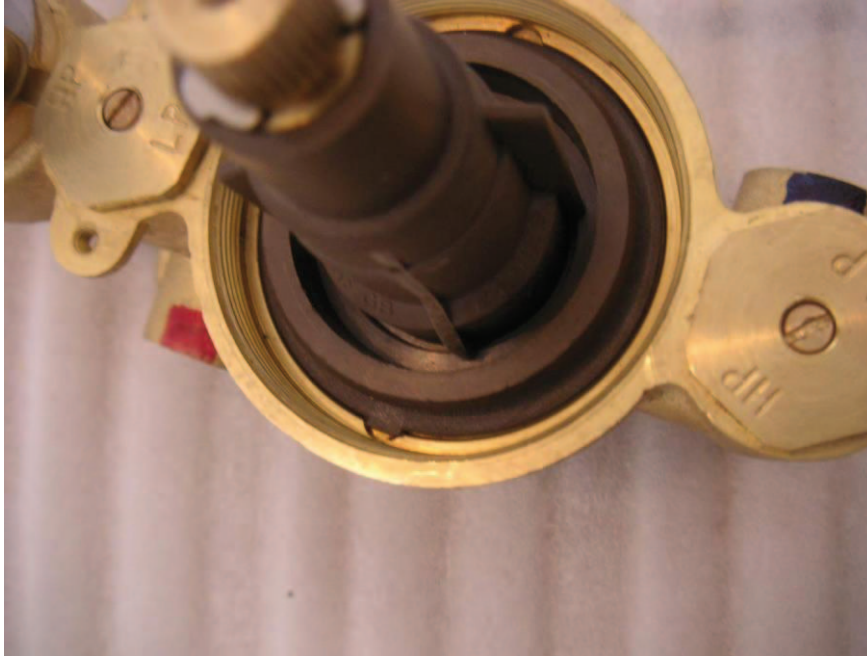
3. Using a large AF Spanner remove the cartridge locking nut.



*There are location points at each side of the valve cavity which the cartridge lugs locate into.*

4. Before removal of the cartridge remember the position within the valve body.





*If you are reversing the cartridge remove the cartridge and turn 180 degrees so that the locating lug on the cartridge sits into the location cavity at the opposite side.*

*If you are cleaning or replacing the cartridge remember the position of the locating lug for replacing back into the location cavity.*



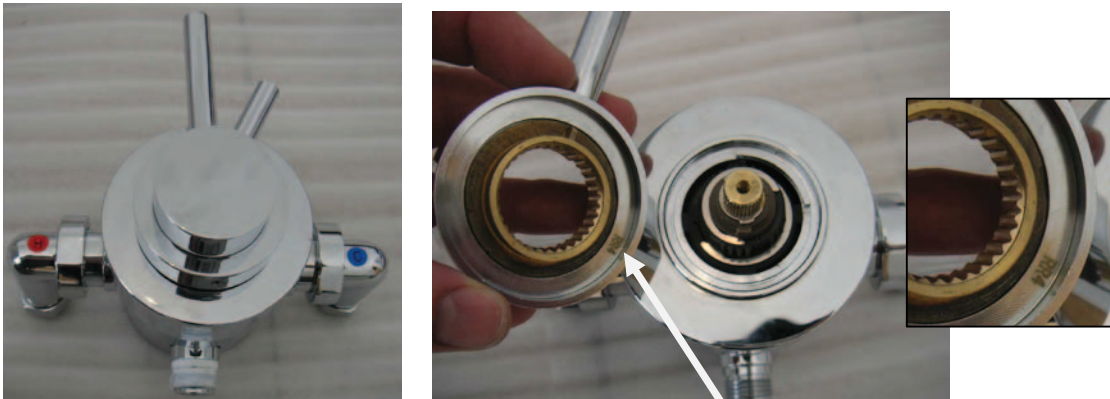
5. The cartridge will be placed tightly inside the body of the valve. To aid removal of the cartridge re-place the temperature handle and pull the cartridge out of the body

**To replace all components reverse the procedure above.**

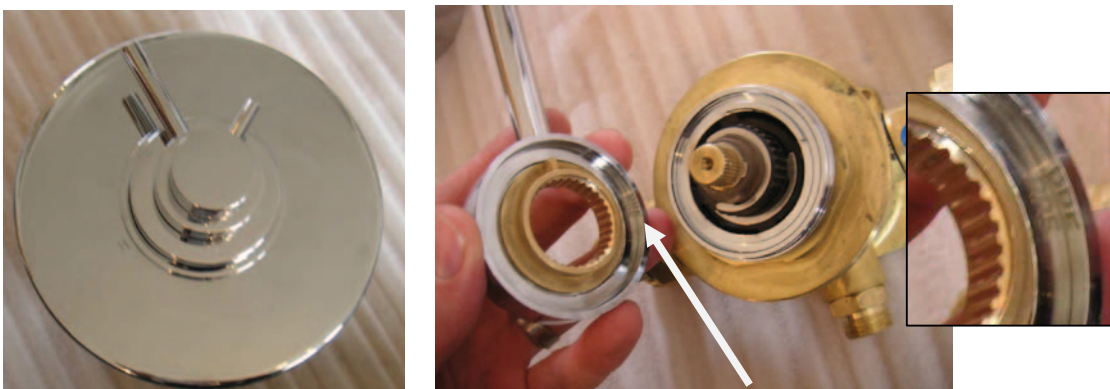
These instructions provide a guide for removal, replacement and maintenance of the MK1 concentric valve cartridge. Maintenance should be carried out in accordance with the TMV2 regulations. A guide to maintenance and testing is provided in the shower valve instruction and maintenance booklet provided with the shower valve.

These instructions apply to both concealed and exposed concentric valves. The concealed valve has been used to illustrate the removal of the cartridge.

#### Identification



The MK1 exposed shower valve can be identified by the marking **RR4** on the reverse of the flow handle



The MK1 concealed shower valve can be identified by the marking **RR5** on the reverse of the flow handle

**Warning: Before removal, to prevent damage to the cartridge always turn the flow control handle to fully OPEN (turn anti-clockwise). Failure to do so will cause the body of the cartridge to break under pressure and will invalidate your guarantee.**

Ensure water is isolated at the hot and cold inlets prior to any work carried out.



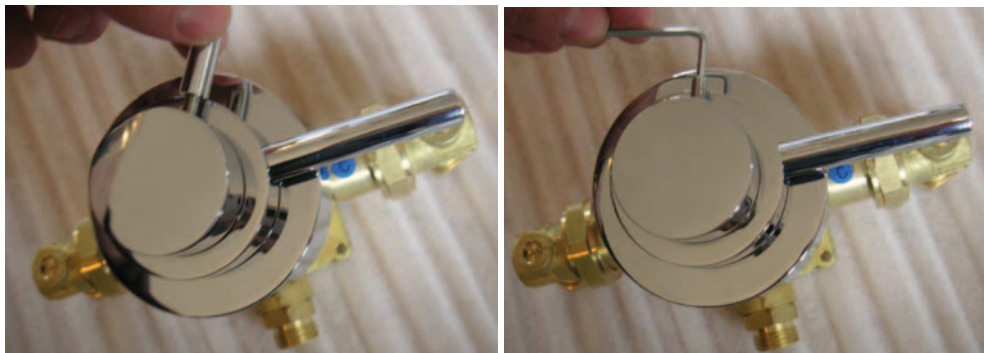
1.1 If applicable remove the cover plate. Exposed valves do not include a cover plate. Isolate the hot and cold water at the isolation elbows. Isolation valves are included on the concealed valve only. For exposed concentric valves there should be isolation valves fitted inline in the pipe work.







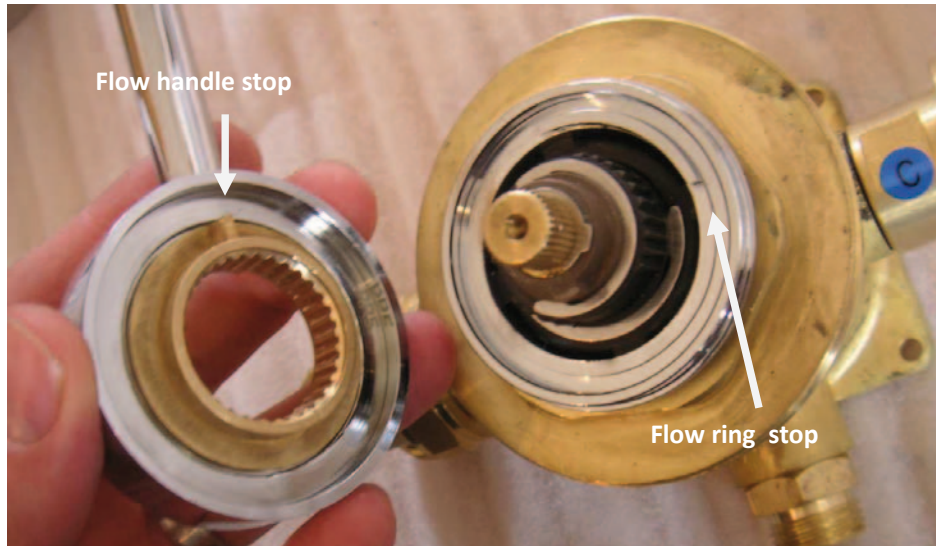
1.2 Turn the flow handle to the fully open (on) position to prevent damage to the cartridge body.



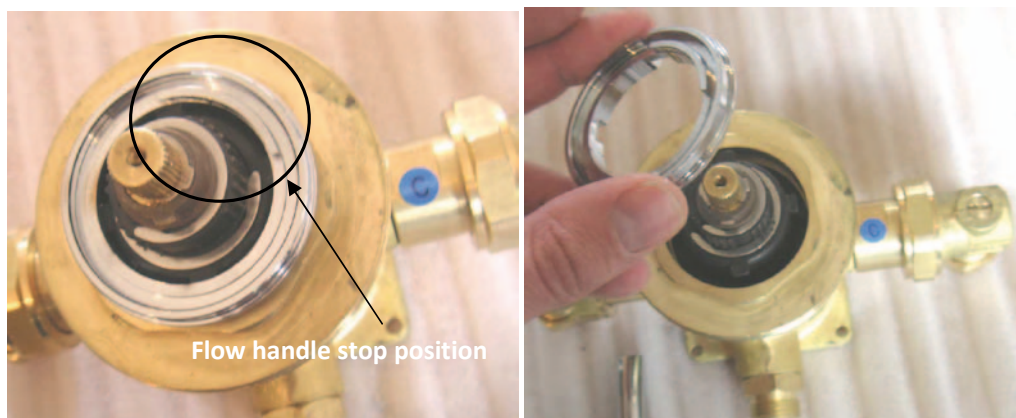
1.3 Remove the temperature control handle via the grub screw using a hex key



1.6 Remove the body cover ring by turning anti-clockwise



1.5 Remove the flow control handle remembering that the stop on the handle meets with the right hand side of the stop on the stop ring.



1.7 Remove the flow control stop ring remembering the original position for later re-installation.



1.8 Using a large AF Spanner remove the cartridge locking nut by turning anti clockwise.



***Valve is supplied with the temperature stop pointing downwards when the hot inlet is on the left side and the cold on the right***

1.9. Before removal of the cartridge remember the position within the valve body. There are location points at the top and bottom of the valve cavity which the cartridge lugs locate into.

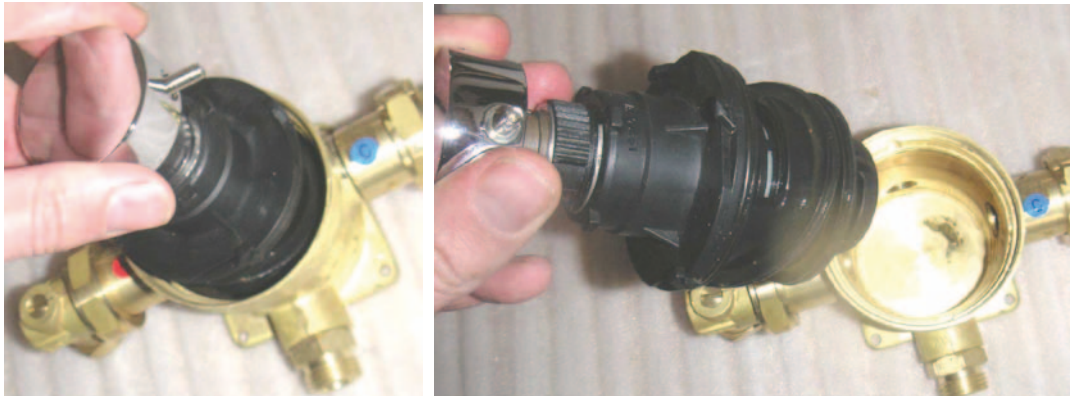
*If you are reversing the cartridge remove the cartridge and turn 180 degrees so that the locating lug on the cartridge sits into the location cavity at the opposite side.*





Location lug

*If you are cleaning or replacing the cartridge remember the position of the locating lug for replacing back into the location cavity.*



The cartridge will be placed tightly inside the body of the valve. To aid removal of the cartridge replace the temperature handle and pull the cartridge out of the body

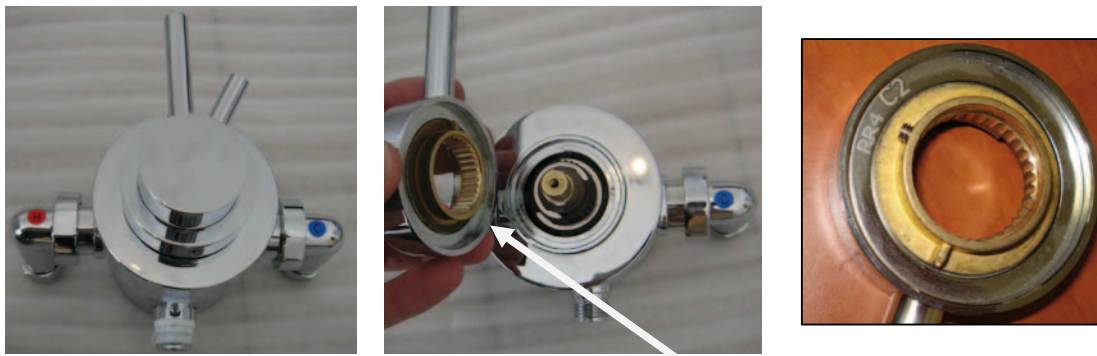
**To replace all components reverse the procedure above.**

**Note – When replacing the flow control handle ensure that it is set against the stop so that the water flow is fully turned off but not so that excessive force is applied to the flow handle DO NOT OVER TIGHTEN. Over forcing the flow handle when turning off the flow will cause permanent damage and even leaks. If unsure seek further advice.**

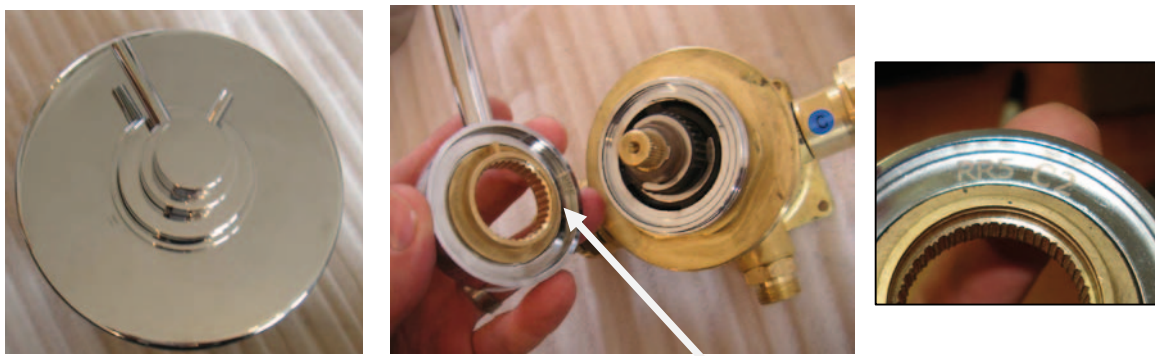
These instructions provide a guide for removal, replacement and maintenance of the **MK2** concentric shower valve cartridge. Maintenance should be carried out in accordance with the TMV2 regulations. A guide to maintenance and testing is provided in the shower valve instruction and maintenance booklet provided with the shower valve. These instructions apply to both concealed and exposed concentric valves.

**Identification**

There are 2 versions of the concentric shower valve MK1 and MK2. These instructions are for removal of the MK2 shower valve cartridge. Firstly, identify that you have the correct instruction document for this valve. The MK2 shower valve and cartridge is identified by the markings below:



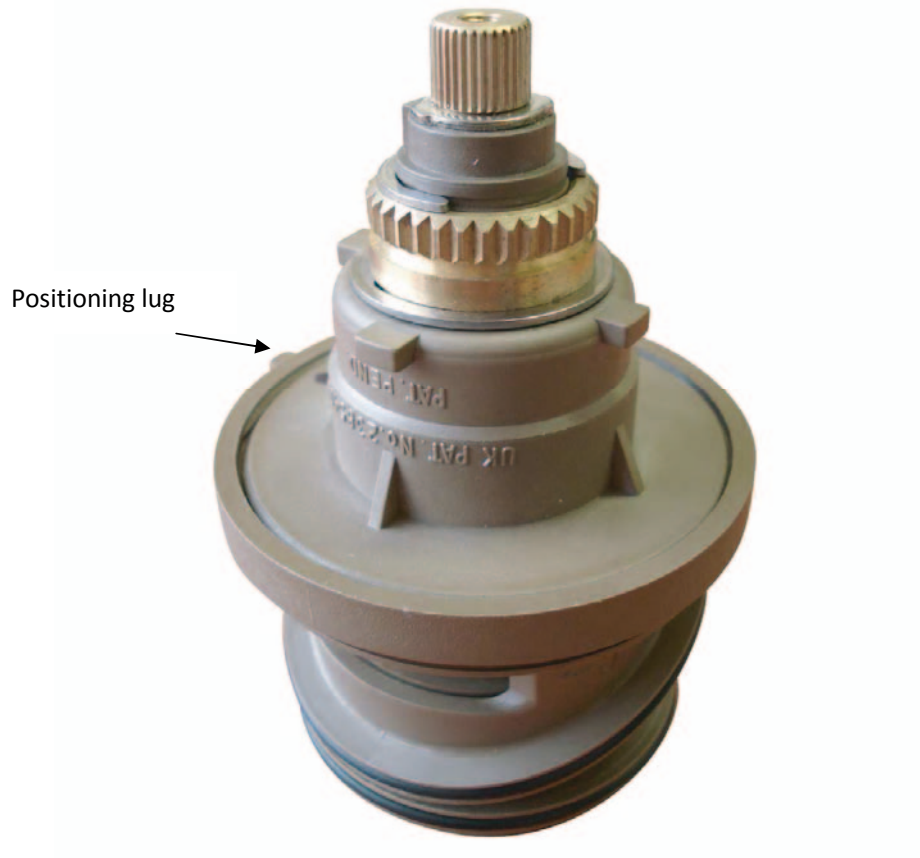
The MK2 exposed shower valve can be identified by the marking **RR4 C2** on the reverse of the flow handle



The MK2 concealed shower valve can be identified by the marking **RR5 C2** on the reverse of the flow handle



**Shower valves with markings RR4 C2 and RR5 C2 use the MK2 concentric cartridge pictured below.**



### Removal Instructions

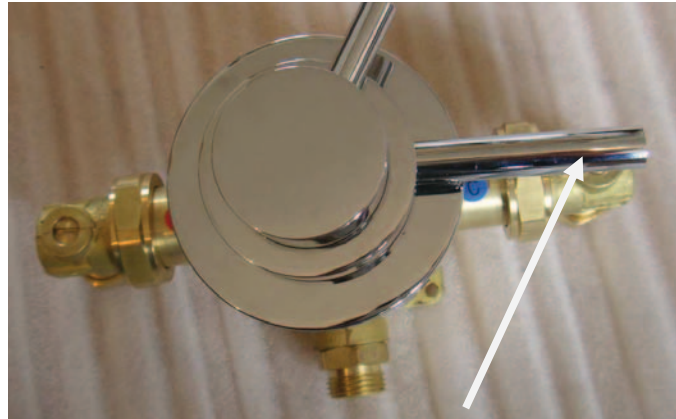
The concentric concealed valve has been used to demonstrate cartridge removal. This procedure is the same for both concealed and exposed shower valves.

Ensure water is isolated at the hot and cold inlets prior to any work carried out.

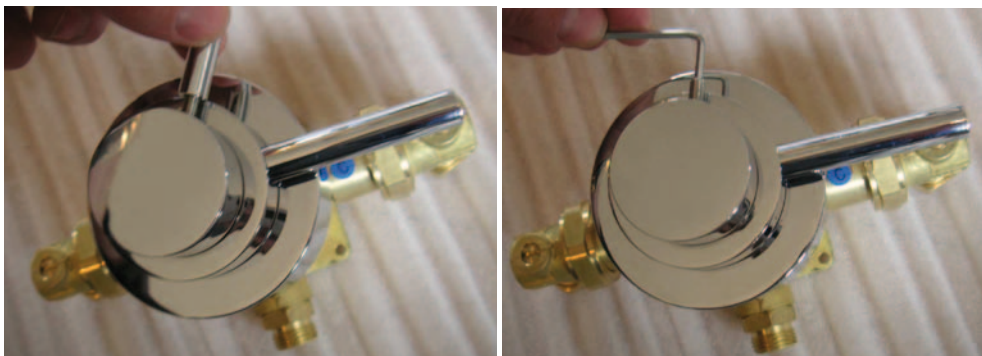


- 1.1 If applicable remove the cover plate. Exposed valves do not include a cover plate. Isolate the hot and cold water at the isolation elbows. Isolation valves are included on the concealed valve only. For exposed concentric valves there should be isolation valves fitted inline in the pipe work.

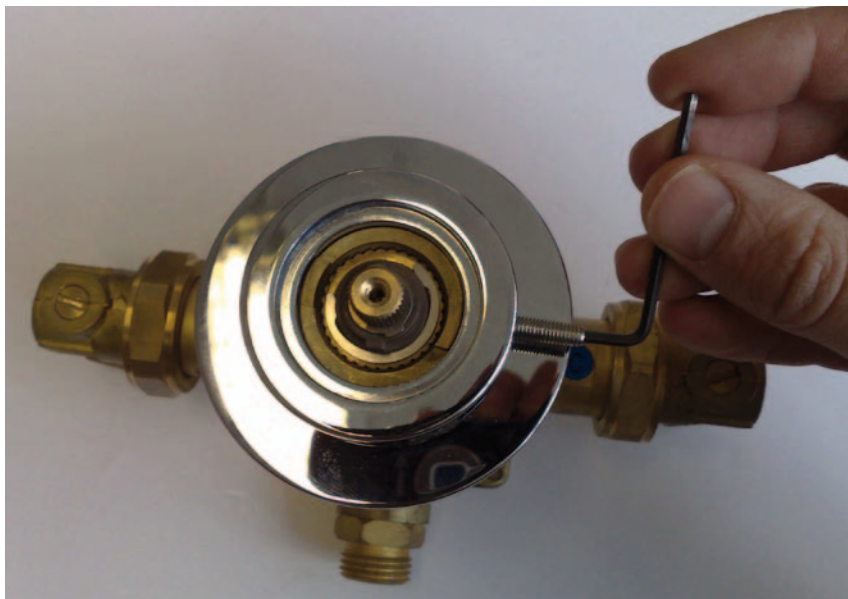




1.2 Turn the flow handle to the fully open (on) position to prevent damage to the cartridge body.

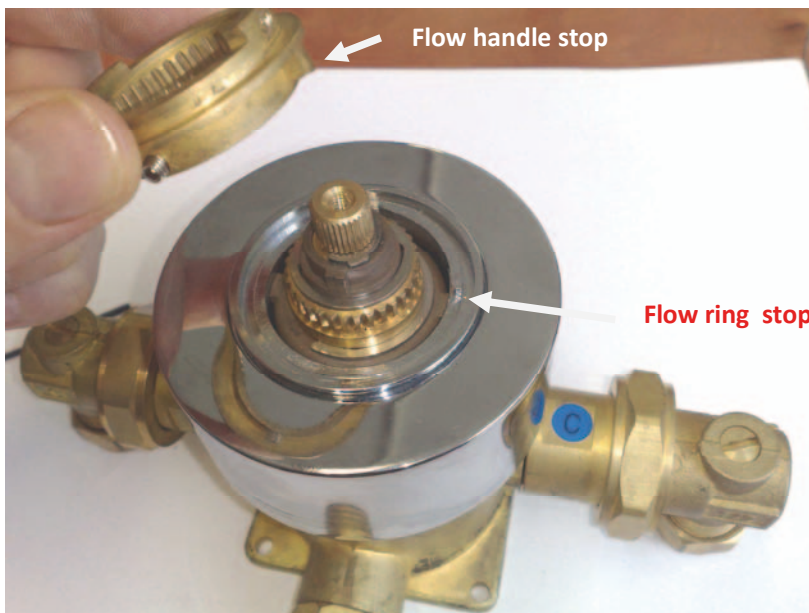


1.3 Remove the temperature control handle via the grub screw using a hex key





1.5 Remove the brass fixing collar.

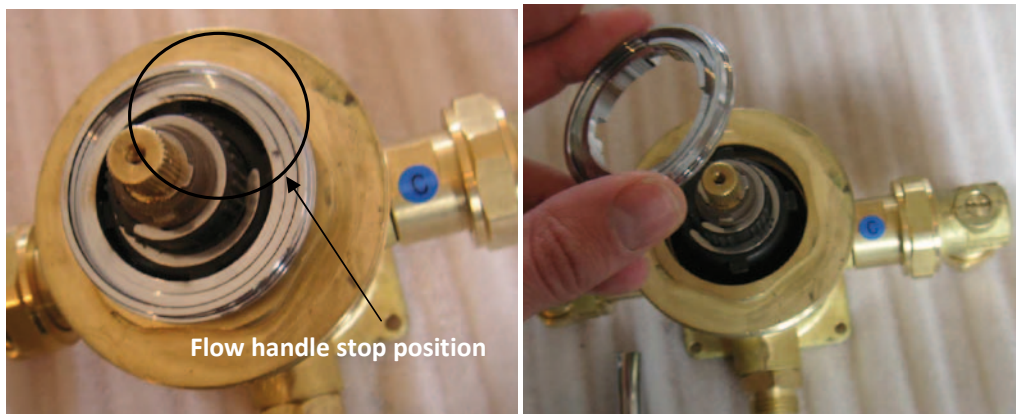


1.6 Note for replacing. The stop on the handle meets with the right hand side of the stop on the stop ring.





1.7 Remove the body cover ring by turning anti-clockwise



1.8 Remove the flow control stop ring remembering the original position for later re-installation.



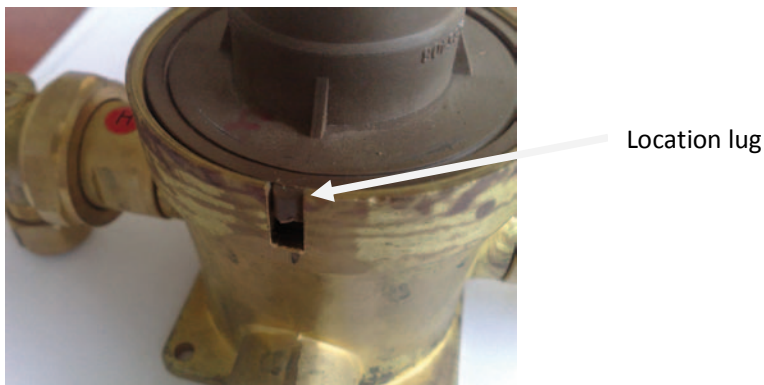




*Valve is supplied with the temperature stop pointing downwards when the hot inlet is on the left side and the cold on the right*

- 2.0 Before removal of the cartridge remember the position within the valve body. There are location points at the top and bottom of the valve cavity which the cartridge lugs locate into.

*If you are reversing the cartridge remove the cartridge and turn 180 degrees so that the locating lug on the cartridge sits into the location cavity at the opposite side.*



*If you are cleaning or replacing the cartridge remember the position of the locating lug for replacing back into the location cavity.*



The cartridge will be placed tightly inside the body of the valve. To aid removal of the cartridge re-place the temperature handle and pull the cartridge out of the body.

**To replace all components reverse the procedure above.**

**Note – When replacing the flow control handle ensure that it is set against the stop so that the water flow is turned off but not so that excessive force is applied to the flow handle DO NOT OVER TIGHTEN. Over forcing the flow handle when turning off the flow will cause permanent damage and even leaks. If unsure seek further advice.**