

CAROMA CARE PLUS - SHOWER MIXER (STANDARD HANDLE)

PLUMBERS INSTALLATION INSTRUCTIONS

Important Information

- * **Brazed connections should NOT be made directly onto the mixer, as excessive heat will cause permanent damage.**
- * **All pipework must be thoroughly flushed prior to installation.**

Installation (Fig. 1 & 2)

- 1) Fit mixer body (11) onto a suitable mounting plate or noggin in the wall and secure using screws (not supplied) through the holes in its base. When facing the mixer, the connections should be as follows:
Hot water inlet connection 'H' to the left.
Cold water inlet connection 'C' to the right.
Mixed water outlet connection, vertically upwards.
Check all connections for leaks.

Important :

- * Mixer body (11) must be installed square to wall/tile face, to ensure cover plate (5) sits flush.
 - * To avoid damaging the decorative finish & to provide a guide for the tiler during the rough in stage, a protection cover (14) is screwed to the mixer. Remove protection cover only when completing the installation. **Note:** The same screws (13) are used to retain SmartSeal fixing plate (12). **DO NOT DISCARD.**
- 2) After removing the protection cover (14), rotate the fixing ring on the mixer body (11) so that one side of its square shape is horizontal. Slide the SmartSeal fixing plate (12) onto the mixer body (11), ensuring the bottom edge is horizontal. Fit screws (13) through the holes in the SmartSeal fixing plate until the point of each screw (13) enters the mating hole in the fixing ring on the mixer body (11). Tighten each screw (13) equally until the SmartSeal fixing plate (12) abuts the wall/tile face and the seal is fully compressed.
 - 3) Carefully slide the wall cover plate (5) over the mixer body (11) with the screw (15) at the bottom. Locate the cover plate (5) onto the SmartSeal fixing plate (12) and push until the cover plate (5) abuts the wall/tile face. Adjust retaining screw (15) in wall cover plate (5), as shown (Fig.1), until the point of retaining screw contacts the bottom edge of the SmartSeal fixing plate (12) then tighten until the wall cover plate is held securely in position against the wall/tile face.
 - 4) Fit handle (1) as shown, taking care that it is pushed fully onto cartridge stem, then tighten grub screw (2) using 2.5mm allen key (4). Insert plug (3) taking care not to damage the decorative finish.
 - 5) Turn on Hot and Cold water supplies and check operation.

Replacing Cartridge (See Fig. 2)

- 1) Turn off hot and cold water supplies.
- 2) Carefully remove plug (3) before using a 2.5mm allen key (4) to loosen grub screw (2) and remove handle (1). Unscrew cap (6) taking care not to damage the decorative finish. Remove nut (7) then lift out old cartridge (10).
- 3) Ensure inside of mixer body (11) is clean. Check that seal is in position in base of new cartridge (10). Fit new cartridge (10) into mixer body (11), taking care that two lugs on base of cartridge (10) fit into mating holes in mixer body (11).
- 4) Screw on nut (7). **Important:-** Nut (7) should be tightened to a torque of 12 Nm.
- 5) Replace cap (6), tightening by hand. Fit handle (1) taking care that it is pushed fully onto cartridge stem, tighten grub screw (2) and replace plug (3).
- 6) Turn on water supplies and check operation.

CARTRIDGE - Adjustable Features See details on side 2 of this sheet Anti-Scald & Volume Limit Screw

Fig. 2

IMPORTANT	
<u>Pressure & Temperature Requirements.</u>	
• Hot and cold water inlet pressures should be equal.	
• Static inlet pressure range : 150 -1000 kPa New Regulation :-500 kPa maximum static pressure at any outlet within a building. (Ref. AS/NZS 3500.1)	
• Maximum hot water temperature : 80°C.	
<u>Installation Requirements.</u>	
• The installing plumber is responsible for waterproofing all penetrations for Taps in Shower areas at installation by a proprietary flange system or a sealant. (Ref AS3740)	

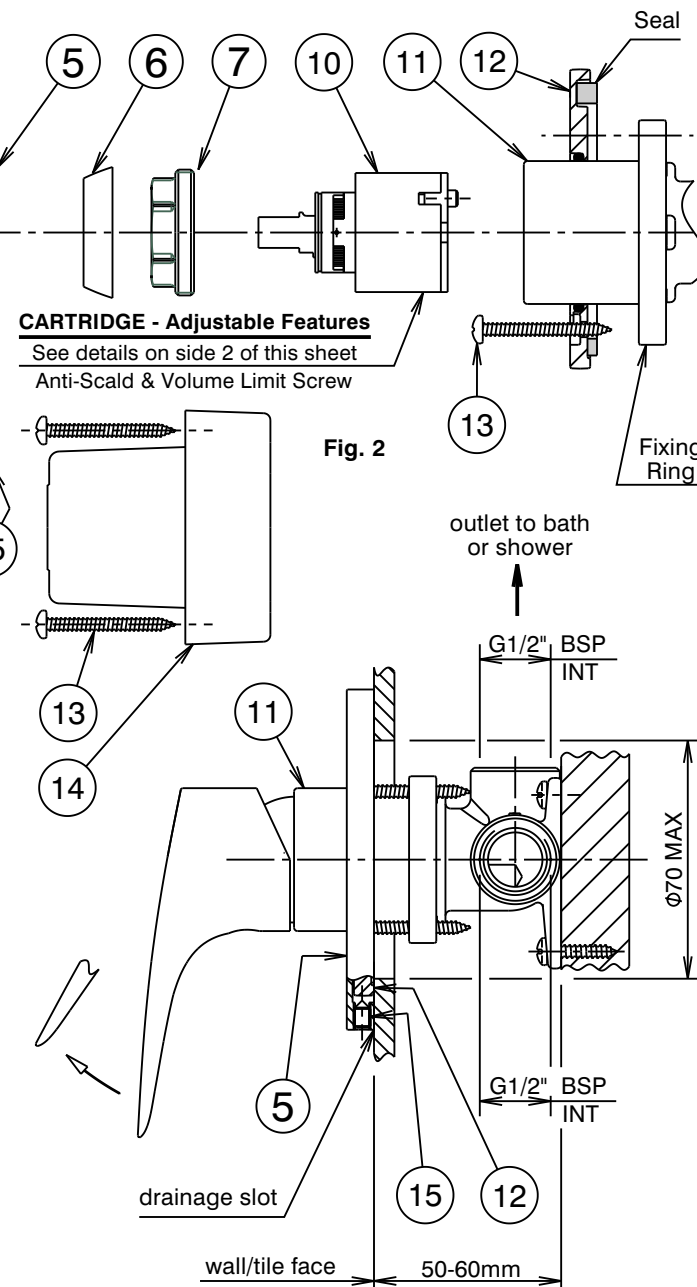


Fig. 1

(SIDE 1 OF 2)

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CAROMA CARE PLUS - SHOWER MIXER (STANDARD HANDLE)

PLUMBERS ADJUSTMENT INSTRUCTIONS

Adjusting the HOT LIMIT RING (ANTI-SCALD STOP RING)

The cartridge fitted in this mixer has been factory pre-set to deliver the maximum available hot water temperature. To use the ANTI-SCALD feature adjust the cartridge as follows:-

Carefully remove plug (3). Using 2.5mm allen key (4) loosen screw (2) and remove handle (1). Unscrew cap (6) taking care not to damage the decorative finish. (See details on side 1 of this sheet.)

To remove the Hot Limit Ring (8) from the cartridge (10), use a small thin flat bladed screwdriver and carefully lever in an upwards direction.

Rotate the Ring (8) in a clockwise direction then refit the Ring (8) onto the cartridge (10).

Note:- Start by rotating the Ring (8) in small increments, then check the hot water temperature with the mixer handle in the fully open maximum hot water position. The Ring (8) can be removed & repositioned until the desired maximum hot water temperature is achieved.

Ensure the Ring (8) is pushed fully down onto the cartridge (10), then replace cap (6), tightening by hand. Fit handle (1), taking care that it is pushed fully down, tighten screw (2) and replace plug (3).

Adjusting the WATER VOLUME LIMIT SCREW

The cartridge fitted in this mixer has been factory pre-set to deliver the maximum flow of water when the mixer handle is in the fully open position. However the flow of water may be reduced by adjusting the cartridge as follows:-

Carefully remove plug (3). Using 2.5mm allen key (4) loosen screw (2) and remove handle (1). Unscrew cap (6) taking care not to damage the decorative finish. (See details on side 1 of this sheet.)

Using a small thin flat bladed screwdriver, adjust screw (9) in an anti-clockwise direction.

Note:- Start by rotating the Screw (9) in small amounts then check the flow of water with the mixer handle in the fully open position. Readjust the screw until the desired water flow is achieved.

Replace cap (6), tightening by hand. Fit handle (1), taking care that it is pushed fully down, tighten screw (2) and replace plug (3).

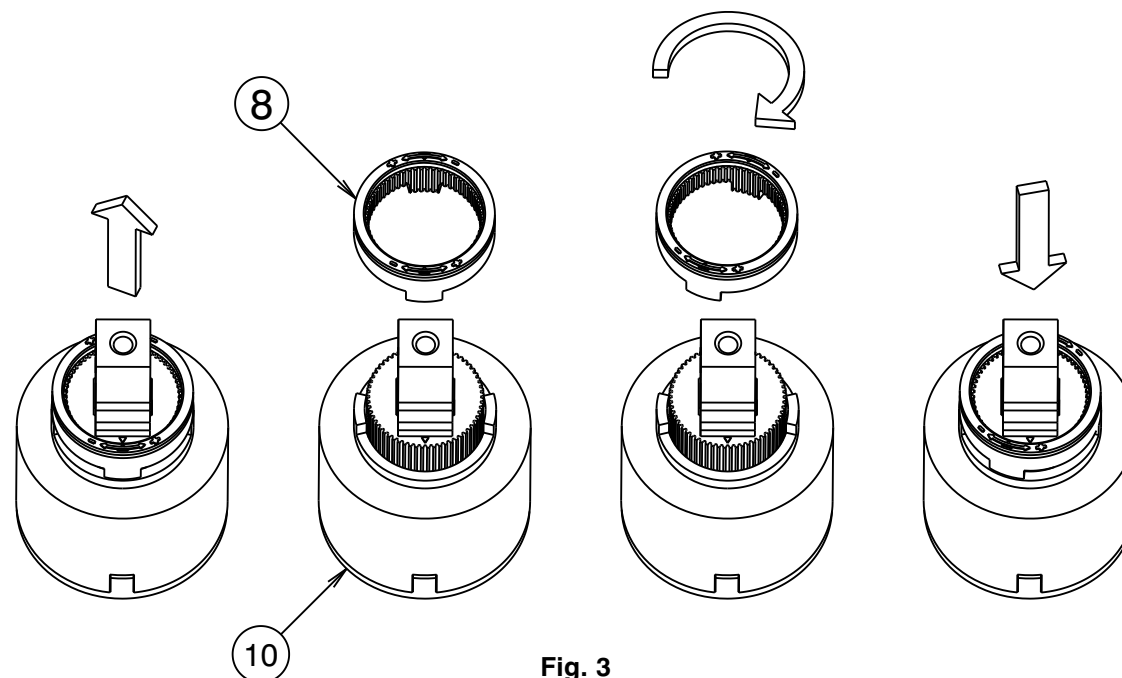


Fig. 3

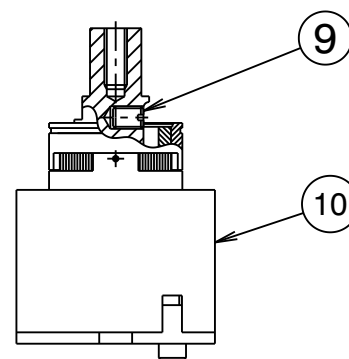


Fig. 4