

# CAROMA TITAN - BATH/SHOWER MIXER WITH DIVERTER

## 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 (14) 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.  
Outlet to shower 'S', vertically upwards.  
Outlet to bath, vertically downwards  
Check all connections for leaks & the tap for correct operation.

### Important :

- \* Mixer body (14) must be installed square to wall/tile face, to ensure cover plate (9) sits flush.
  - \* To avoid damaging the finish, do not remove the plastic protective sleeves until installation has been completed.
- 2) Ensure seal (8) is fitted in cover plate (9). Apply a suitable clear sealant to the back edge of the cover plate (9), leaving an unsealed section at the bottom for drainage. Apply a suitable clear sealant in the corner around the location diameter of the retaining ring (7), to prevent water entering the wall cavity (See Fig. 2). Carefully slide the cover plate (9) onto the diverter sleeve (13) and position close to the wall/tile face. Fit retaining ring (7) onto the mixer body (14), and slide towards the cover plate (9) ensuring the pin in the retaining ring (7) is engaged in the location slot in the cover plate (9). Push the retaining ring and cover plate firmly against the wall/tile face and tighten screws (6) using 2mm allen key (5). Wipe clean any excess sealant from the external surfaces of the mixer & the wall/tile face (See Fig. 1).
  - 3) 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 (3). Screw handle lever (4) onto grub screw (2) and tighten by hand.
  - 4) Turn on Hot and Cold water supplies and check operation.

### Replacing Cartridge (See Fig. 2)

- 1) Turn off hot and cold water supplies.
- 2) Unscrew handle lever (4), taking care not to damage the finish. Using 2.5mm allen key (3), loosen grub screw (2) and remove handle (1). Remove cap (10) taking care not to damage the finish. Unscrew nut (11) then lift out old cartridge (12).
- 3) Ensure inside face of mixer body (14) is clean. Check that seal is in position in base of new cartridge (12). Fit new cartridge (12) into mixer body (14), taking care that two lugs on base of cartridge (12) fit into mating holes in mixer body (14).

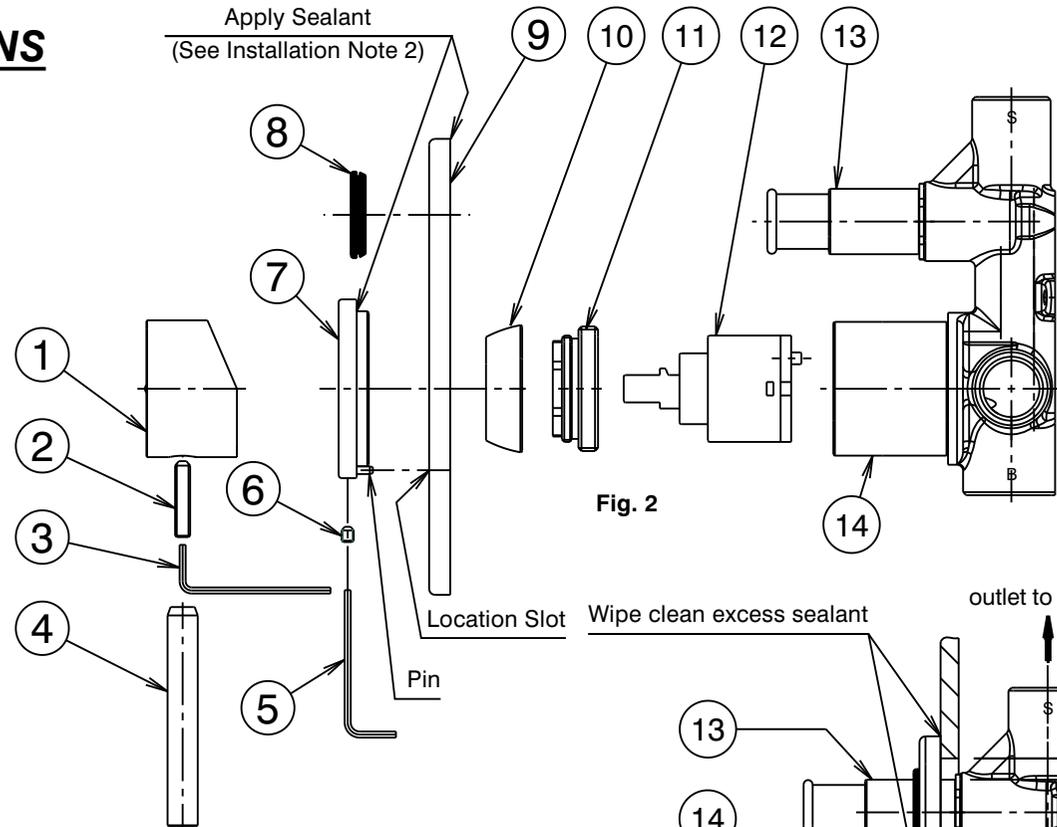


Fig. 2

- 4) Screw on nut (11). **Important:** Nut (11) should be tightened to a torque of 10Nm.
- 5) Replace cap (10), tightening by hand. Fit handle (1) taking care that it is pushed fully onto cartridge stem, then tighten grub screw (2) using 2.5mm allen key (3). Screw handle lever (4) onto grub screw (2) and tighten by hand.
- 6) Turn on water supplies and check operation.

<b>IMPORTANT</b>	
<b>Pressure &amp; Temperature Requirements.</b>	
•	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.
<b>Installation Requirements.</b>	
•	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)

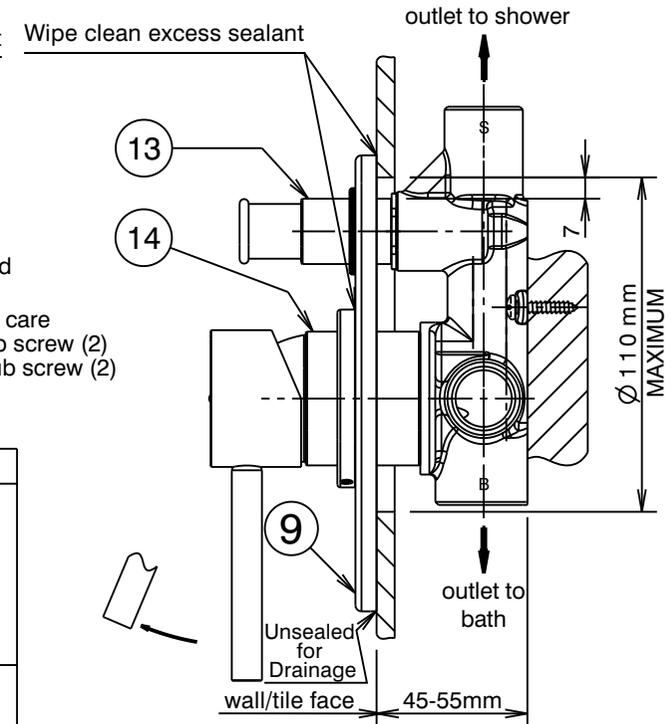


Fig. 1