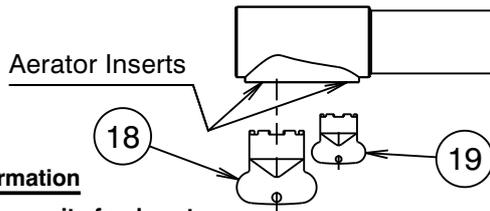


# CAROMA COMPASS - DUAL FLOW SINK MIXER

## PLUMBERS INSTALLATION INSTRUCTIONS - MIXER TAP



### Important Information

- \* Not suitable for gravity feed systems.
- \* Mixer Tap is fitted with a flow regulated aerator insert.
- \* Isolating stop taps must be fitted to the hot & cold water supply connections (part No. 842018C - Mini cistern 1/4T)
- \* All pipework must be thoroughly flushed prior to installation, as foreign materials may block the flow regulating device and reduce the flow of water.  
Note: Aerator inserts must be retightened to prevent removal by hand.
- \* Instructions for installation of the water filter are supplied with the filter kit.

### Mixer Tap Installation

- 1) Ensure seal (10) is installed into groove in base flange (9) of mixer body (8).
- 2) *Flexible Tail Mixer Connections:* Apply suitable lubricant to 'O' rings (15). Fit flexible tail (16) (with red indication) into hole marked as 'H'. Hand tighten the tail, ensuring the 'O' ring (15) has fully entered the sealing bore to provide a watertight joint. Fit other flexible tail (with blue indication) into remaining hole (marked 'C') in a similar manner.
- 3) Insert the inlet connection end (17) of each flexible tail (16) through the hole in the deck. Insert threaded sleeve of mixer body (8) into deck hole. Fit rubber washer (11), followed by metal washer (12), over the threaded sleeve of the body (8) as shown (Fig. 1). Screw the nut (13) onto threaded sleeve until it contacts metal washer (12) and the rubber washer (11) has contacted the underside of the deck. Tighten two screws (14) equally until mixer assembly is clamped firmly to the deck.
- 4) *Flexible Tail Inlet Connections:* Connect the flexible tails (16) to the hot and cold isolating stop taps, hand tighten the connecting nut (17) until rubber cone contacts the sealing face of the connection end, then tighten a further one turn to provide a watertight joint.  
**Important:** Flexible tails must not be kinked, twisted or in tension when installed. (Minimum Bend Radius:- 50mm) Do not install flexible tails where subject to ultra violet light.

### Replacing Cartridge

- 1) Turn off hot and cold water supplies.
- 2) Using a 2.5mm allen key (3) loosen grub screw (2) and remove handle (1). Remove cap (4) taking care not to damage the finish. Unscrew nut (5) then lift out old cartridge (6).
- 3) Ensure inside face of mixer body (8) is clean. Check that seal (7) is in position in base of new cartridge (6). Fit new cartridge (6) into mixer body (8), taking care that two lugs on base of cartridge (6) fit into mating holes in mixer body (8).
- 4) Screw on nut (5). **Important:** Nut (5) should be tightened to a torque of 10 Nm.
- 5) Replace cap (4), tightening by hand. Fit handle (1) taking care that it is pushed fully onto cartridge stem, then tighten grub screw (2).
- 6) Turn on water supplies and check operation.

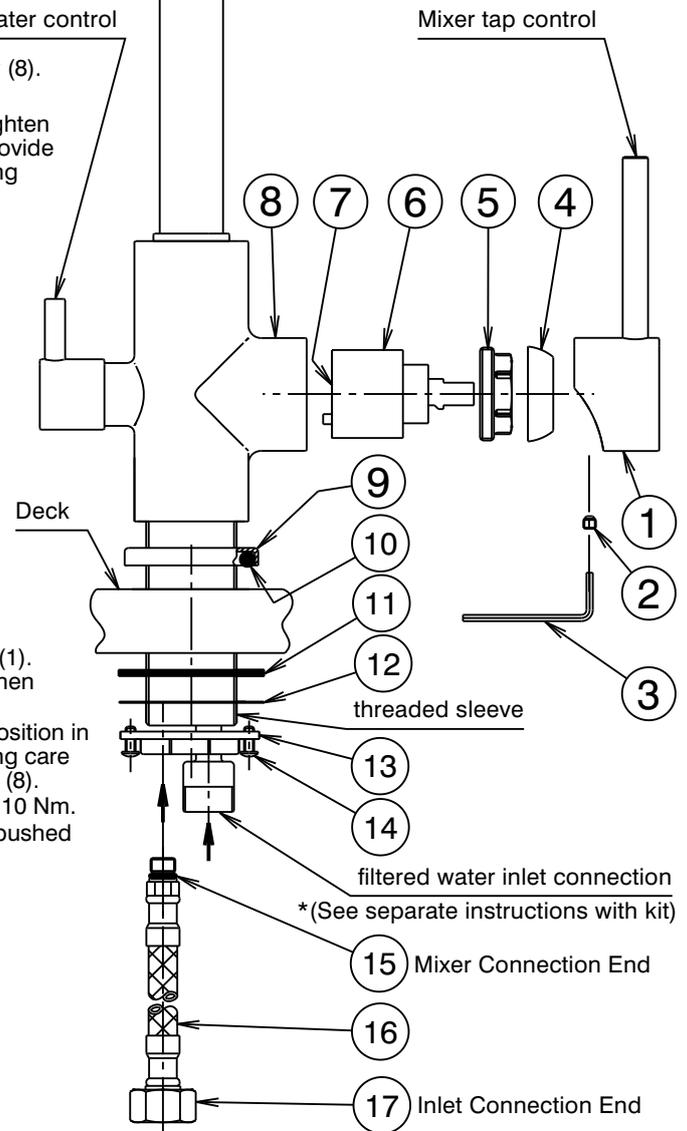


Fig.1

### Removing Aerator Inserts

- 1) Aerator inserts can be removed with spanners (18, 19) provided.
- 2) Deposits of lime can be removed by washing in a vinegar solution.
- 3) When replacing aerator insert, be careful that thread is engaged correctly and 'O' ring is not damaged as it enters the bore. Tighten securely (to prevent removal by hand) using spanner (18,19).

<b>IMPORTANT</b>	
<b>Pressure &amp; Temperature Requirements.</b>	
<b>Mixer tap :</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. (In accordance with AS 3499)	
<b>Filtered water tap :</b>	
• Static inlet pressure range : 250-850 kPa	
New Regulation:- 500 kPa maximum static pressure at any outlet within a building. (Ref. AS/NZS 3500.1)	
• Water temperature range : 2 - 38°C.	
<b>Mixer Tap Deck Requirements</b>	
• Deck thickness : 60mm maximum	
• Tap body hole (in deck) : Ø34-36mm	