CAROMA

TradeReady - BASIN MIXER FIXED

WATER EFFICIENT TAPWARE

PLUMBERS INSTALLATION INSTRUCTIONS

Important Information

- *** Not suitable for gravity feed systems.**
- *** Mixer is fitted with a flow regulated aerator insert (19). This low flow rate may not be suitable for connection to some Instantaneous Gas Water Heaters, some Tempering Valves, some Solar Water Heaters & some Thermostatic Mixing Valves. Check with the manufacturers of these products.**
- *** 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 insert must be retightened to prevent removal by hand.**

Installation

1) From fixing pack fit 'O'ring (9) into groove in underside of mixer body (8). Screw stud (10) into underside of body (8).
2) *Flexible Tail Mixer Connections:* Apply suitable lubricant to 'O'rings (14). Fit flexible tail (16) (with red indication) into inlet hole marked with a Red Dot in underside of mixer body (8). Hand tighten the tail, ensuring the 'O'ring (14) has fully entered the sealing bore to provide a watertight joint. Fit other flexible tail (with blue indication) into remaining hole in a similar manner.
3) Insert the inlet connection end (17) of each flexible tail (16) through the hole in the deck. Place mixer over deck hole, fit gasket (11) and fixing plate (12) over stud (10) then screw on fixing nut (13). Position mixer as required then tighten fixing nut (13) using a suitable spanner. DO NOT OVERTIGHTEN.
4) *Flexible Tail Inlet Connections:* Connect the flexible tails (16) to the hot and cold isolating stop taps, hand tighten the fixing 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.

Removing Aerator Insert

1) Carefully remove aerator housing (20) from mixer body (8), taking care not to damage the decorative finish.
2) Remove rubber seal (18) & aerator insert (19) from aerator housing (20). Check that aerator (19) is clean. Deposits of lime can be removed by washing in a vinegar solution.
3) Fit new aerator insert (19) into aerator housing (20) followed by rubber seal (18) then screw assembly into mixer body (8) and tighten securely (to prevent removal by hand).

Replacing Cartridge

1) Turn off hot and cold water supplies.
2) Remove hot and cold inlet connection ends (17) from isolating stop taps before removing flexible tails (16) from cartridge (7).
3) Turn handle (1) to fully open position, carefully remove plug (4) before using a 2.5mm allen key (3) to loosen grub screw (2) and remove handle (1). Remove cap (5) taking care not to damage the decorative finish. Unscrew nut (6) then lift out old cartridge (7).
4) Ensure 'O'rings fitted on cartridge (7) isn't damaged. Fit new cartridge (7) into mixer body (8), taking care that the lug on base of cartridge (7) fit into mating hole in mixer body (8).
5) Screw in nut (6). **Important:** Nut (6) should be tightened to a torque of 12 Nm.
6) Replace cap (5), tightening by hand. Fit handle (1) taking care that it is pushed fully onto cartridge stem, turn handle to fully open position then tighten grub screw (2) using 2.5mm allen key (3). Replace plug (4) taking care not to damage the decorative finish.
7) Fit flexible tail mixer connections as **step 2)** under installation, then fit flexible tail inlet connections as **step 4)** under installation.
8) Turn on water supplies and check operation.

IMPORTANT

Pressure & Temperature Requirements.

- This product complies with the Lead Free requirements of the National Construction Code Volume Three.
- 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 : 70°C.

Deck Requirements

- Deck thickness : 45mm maximum
- Tap body hole (in deck) : Φ34-36mm

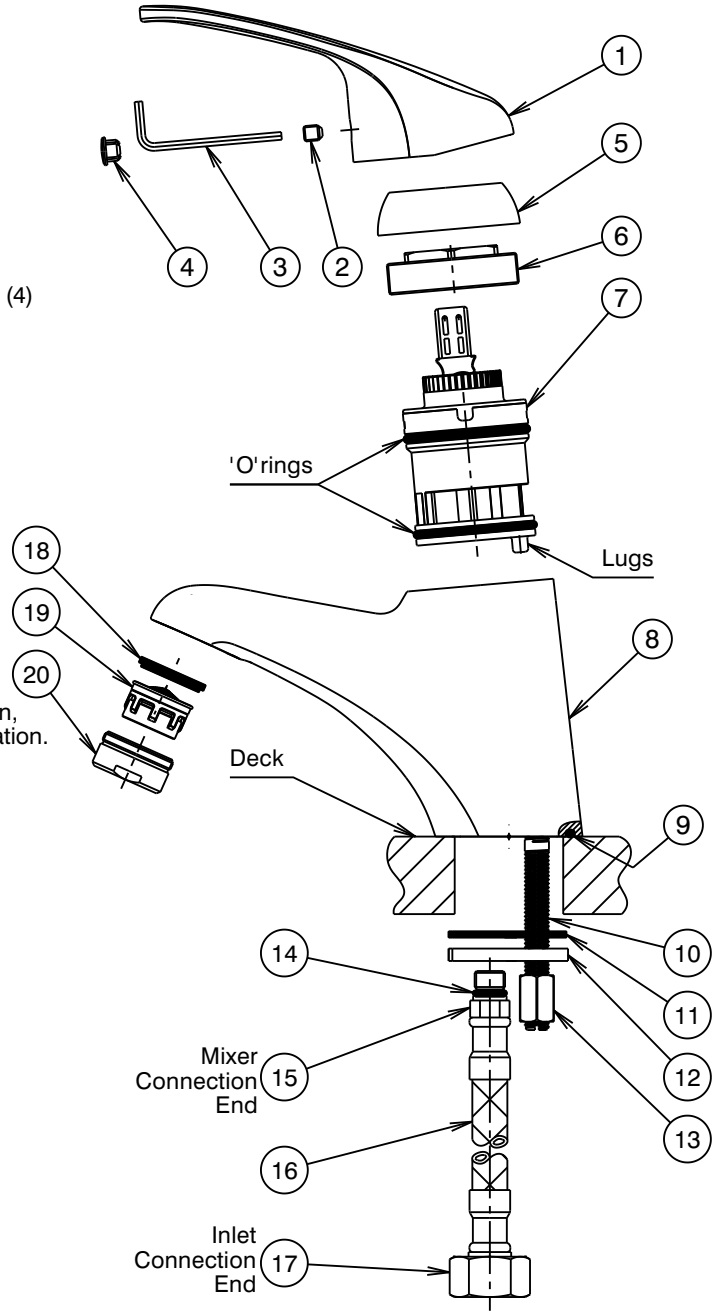

Fig. 1

IS2176A(04/26)