



INCA - PULL DOWN SINK MIXER

WATER EFFICIENT TAPWARE

PLUMBERS INSTALLATION INSTRUCTIONS

Important Information

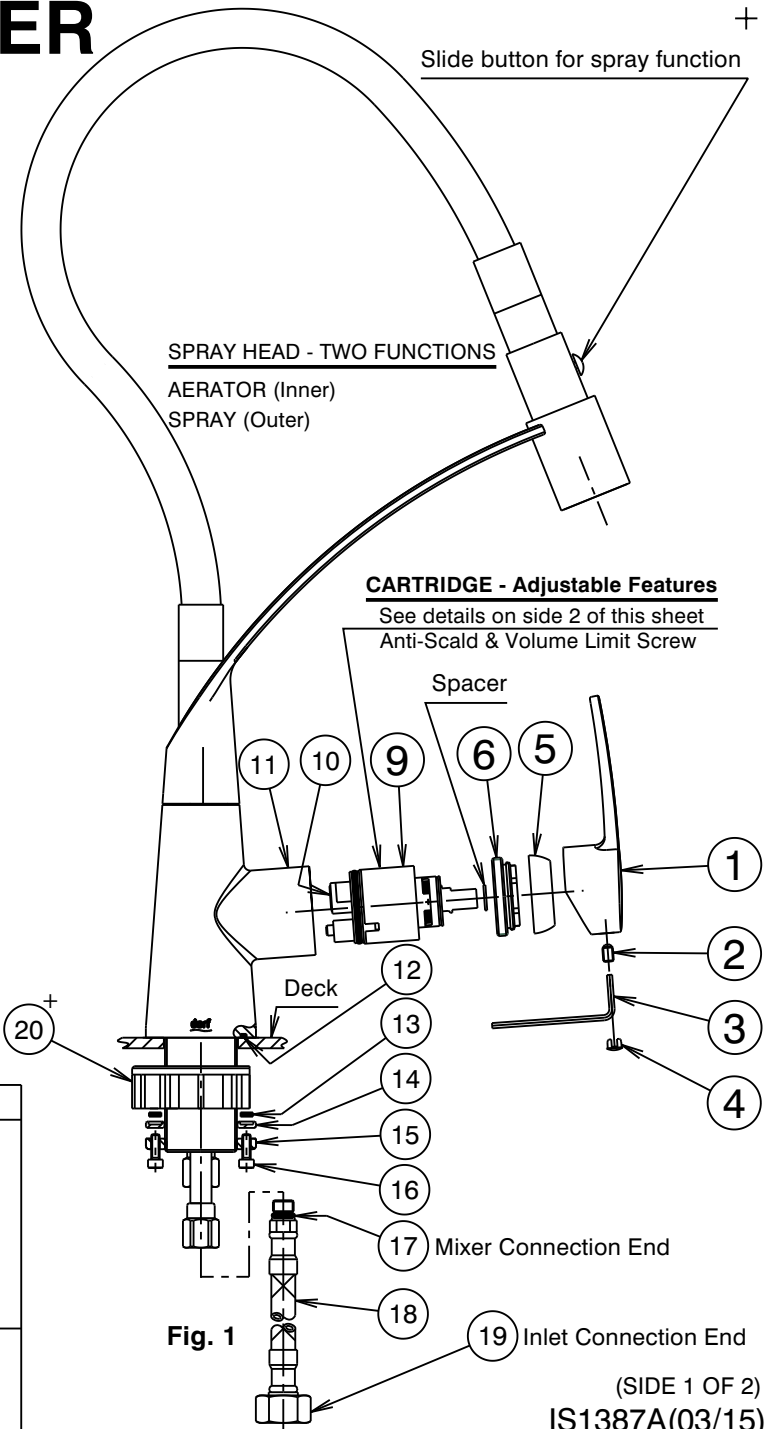
- * **Not suitable for gravity feed systems.**
- * **Spray head is fitted with a flow regulated check valve.**
- * **Isolating stop taps must be fitted to the hot & cold water supply connections. (Part No. 842018C - Mini cistern 1/4T)**
- * **All pipework must be thoroughly flushed prior to installation, as foreign materials may block the flow regulating device and reduce the flow of water.**

Installation

- 1) From fixing pack fit 'o'ring (12) into groove in base of mixer body (11). Assemble screws (16) into clamp ring (15), the threaded end of each screw should be just protruding from the clamp ring. Fit flat seal (13) into groove in washer (14)
- 2) **Flexible Tail Mixer Connections:** Apply suitable lubricant to 'O'rings (17). Fit flexible tail (18) (with red indication) into hole marked with a Red Dot in underside of mixer body (11). Hand tighten the tail, ensuring the 'O'ring (17) 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 (19) of each flexible tail (18) through the hole in the deck. Fit mixer (11) into deck hole with 'dorf' marking facing towards the front & handle on the right hand side, as shown. Fit spacer (20⁺) (for thin decks only), followed by washer (14) together with flat seal (13) over threaded tail of mixer (Fig. 1). Screw clamp ring (15) onto threaded tail until it contacts washer (14) & the flat seal (13) is slightly compressed. Tighten two screws (16) equally using a 3mm allen key until mixer assembly is clamped firmly to the deck. **DO NOT OVERTIGHTEN.**
- 4) **Flexible Tail Inlet Connections:** Connect the flexible tails (18) to the hot and cold isolating stop taps, hand tighten the connecting nut (19) 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) 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. Remove spacer from stem of old cartridge. Unscrew nut (6) then lift out old cartridge (9).
- 3) Ensure inside face of mixer body (11) is clean. Check that seals (10) are in position in base of new cartridge (9). Fit new cartridge (9) into mixer body (11), taking care that two lugs on base of cartridge (9) fit into mating holes in mixer body (11).
- 4) Screw on nut (6). **Important:** Nut (6) should be tightened to a torque of 10 Nm.
- 5) Fit spacer onto stem of new cartridge. Replace cap (5), tightening by hand. Fit handle (1) taking care that it is pushed fully onto cartridge stem, then tighten grub screw (2). Replace plug (4) taking care not to damage the decorative finish.
- 6) Turn on water supplies and check operation.



| IMPORTANT | |
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| <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 : 70°C. (In accordance with AS 3499) |
| <u>Deck Requirements</u> | |
| • | Deck thickness : 42mm maximum |
| • | Tap body hole (in deck) : Ø34-36mm |

Fig. 1



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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 (4). Using 2.5mm allen key (3) loosen screw (2) and remove handle (1). Unscrew cap (5) taking care not to damage the decorative finish. (See details on side 1 of this sheet.)

To remove the Hot Limit Ring (7) from the cartridge (9), use a small thin flat bladed screwdriver and carefully lever in an upwards direction.

Rotate the Ring (7) in a clockwise direction then refit the Ring (7) onto the cartridge (9).

Note:- Start by rotating the Ring (7) in small increments, then check the hot water temperature with the mixer handle in the fully open maximum hot water position. The Ring (7) can be removed & repositioned until the desired maximum hot water temperature is achieved.

Ensure the Ring (7) is pushed fully down onto the cartridge (9), then replace cap (5), tightening by hand. Fit handle (1), taking care that it is pushed fully onto cartridge stem, tighten screw (2) and replace plug (4).

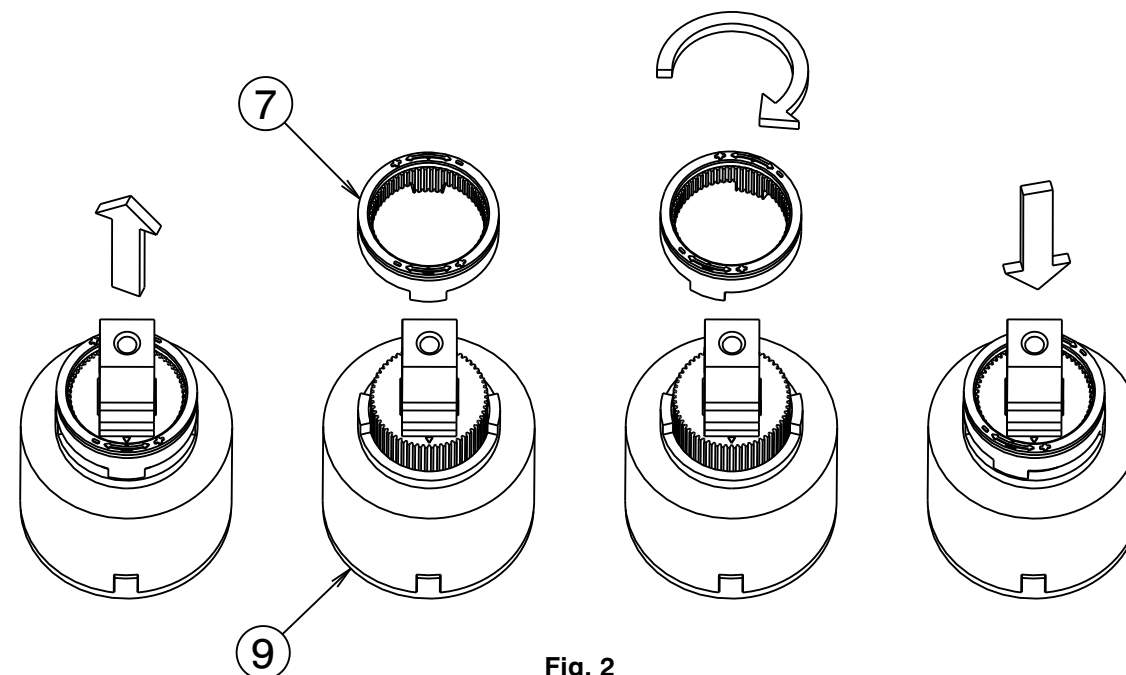


Fig. 2

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 (4). Using 2.5mm allen key (3) loosen screw (2) and remove handle (1). Unscrew cap (5) 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 (8) in an anti-clockwise direction.

Note:- Start by rotating the Screw (8) 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 (5), tightening by hand. Fit handle (1), taking care that it is pushed fully onto cartridge stem, tighten screw (2) and replace plug (4).

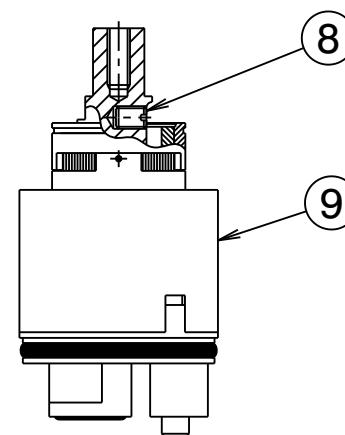


Fig. 3

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