



CliniLever® Single Lever Basin Mixer

Important Information

- 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 housing must be retightened to prevent removal by hand.
- Not suitable for gravity feed systems.
- Mixer is fitted with a 5 L/min flow regulated aerator insert. This low flow rate may not be suitable for connection to some Instantaneous Gas Water Heaters, some Tempering Valves, some Solar Water Heaters and some Thermostatic Mixing Valves.
- Check with the manufacturers of these products.
- Isolating stop taps are recommended to be fitted to the inlet connections.

Installation (Fig 1)

1. From fixing kit fit 'O'ring (10) into groove in the underside of mixer body (9), screw studs (11) into underside of mixer body (9).
2. Apply suitable lubricant to 'O'rings (12). Pass flexible tail (16) (with red indication) up through deck hole and install into hole marked 'H' in underside of mixer body (9). Pass remaining flexible tail (with blue indication) up through deck hole and install into hole marked 'C'. Tighten both tails (16) firmly by hand.
3. Place mixer over vanity cut out, fit gasket (13) and fixing plate (14) over studs (11) then screw on fixing nuts (15). Position mixer as required then tighten fixing nuts (15).
4. Connect the flexible tails (16) to the hot and cold isolating stop taps, taking care that flexible tails are not kinked, twisted or in tension as they are tightened

Important

Pressure & Temperature Requirements.

- Hot and cold water inlet pressures should be equal.
- Inlet pressure range: 150-500 kPa
(Ref. AS/NZS 3500.1 -2003, Clause 3.3.4)
- Maximum hot water temperature : 80°C.

Deck Requirements

- Deck thickness: 45mm maximum
- Tap body hole (in deck): Ø33-35mm

Replacing Cartridge

1. Turn off hot and cold water supplies at isolating stop taps.
2. Remove indicator plug (3). Using 2.5mm allen key (4) loosen 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 (8).
3. Ensure inside face of mixer body (9) is clean. Fit new cartridge (8) into mixer body, taking care that two lugs on base of cartridge (8) fit into mating holes in mixer body (9).
4. Screw on nut (6). Important: Nut (6) should be tightened to a torque of 12 Nm.
5. Replace cap (5), tightening by hand. Fit handle (1) taking care that it is pushed fully down, tighten screw (2) and replace indicator plug (3), position with red to the left.
6. Turn on isolating stop taps and check operation.
7. To adjust the maximum hot water temperature refer to the instruction on the next page:- 'Adjusting the anti-scald stop ring'.



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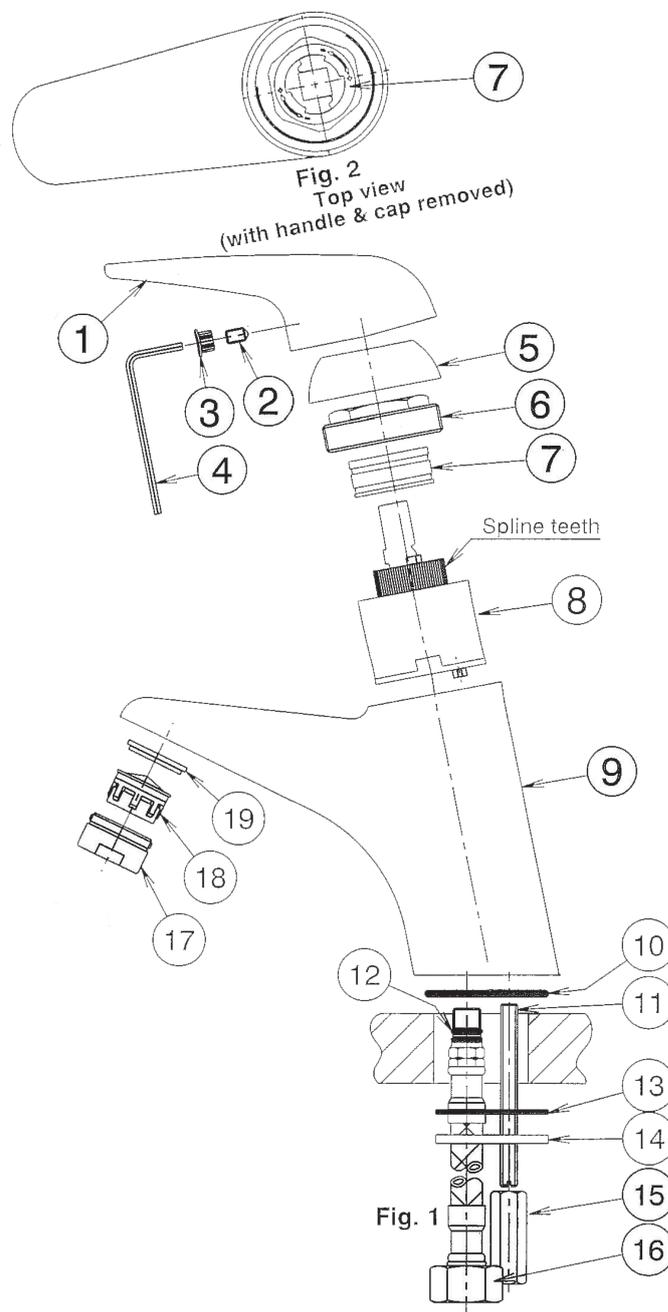
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Adjusting the Anti-scald Stop Ring (Fig 2)

As supplied, this mixer delivers full flow hot and cold water. To use the anti-scald feature adjust the stop ring as follows:

1. Remove indicator plug (3). Using 2.5mm allen key (4) loosen screw (2) and remove handle (1). Unscrew cap (5) taking care not to damage the chrome finish.
2. Using a small screwdriver, carefully remove the red stop ring (7) and reposition it in an anti-clockwise direction as required so that the spline teeth in the stop ring (7) engage with the spline teeth on the cartridge (8). As a guide, rotate the stop ring (7) by 1 spline in an anti-clockwise direction. This will restrict the handle movement in the hot water direction by 8 degrees of rotation. Push the stop ring (7) fully down.
3. Check the hot water temperature with the handle in the fully open hot water position. If required adjust the stop ring (7) until a satisfactory hot water temperature is achieved. Ensure stop ring is fully pushed down.
4. Replace cap (5), tighten by hand. Fit handle (1) taking care that it is pushed fully down. Tighten grub screw (2) and replace handle plug (3).



Replacing Aerator Insert

1. Carefully remove aerator housing (17) from mixer body (9) taking care not to damage the decorative finish.
2. Remove seal (19) and aerator insert (18) from aerator housing. Check that aerator housing is clean and clean any debris that is blocking the flow.
3. Fit new aerator insert (18) into aerator housing (17) followed by seal (19) then screw assembly into mixer body (9) and tighten securely (to prevent removal by hand).