

35mm MIXER CARTRIDGE & SEAL KIT

PLUMBERS INSTALLATION INSTRUCTIONS

Important Information

- * If leakage occurs from outlet when handle is in the off position or if leakage occurs from beneath handle, replace cartridge.
- * If leakage occurs around the base of the outlet the seals may require replacement.

Installation

Cleaning the Aerator (Fig 1)

The aerator requires occasional removal for cleaning.

- 1) Unscrew aerator body (20), remove aerator insert (21) and clean. Deposits of lime can be removed by washing in a vinegar solution.
- 2) When replacing aerator insert (21) ensure seal (22) is in position before tightening aerator body (20)

Replacing Cartridge (Fig 1)

- 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 cartridge (7).
- 3) Ensure inside face of mixer body (8) is clean. Check that seal is in position in base of new cartridge (7). Fit new cartridge (7) into mixer body (8), taking care that two lugs on base of cartridge (7) fit into mating holes in mixer body.
- 4) Screw on nut (6). **Important:-** Nut (6) should be tightened to a torque of 10 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.

Replacing Seals (Fig 1)

- 1) Turn off hot and cold water supplies at isolating stop taps and disconnect flexible tails (18).
- 2) Unscrew fixing nut (17) and remove fixing plate (16) and gasket (15).
- 3) Lift mixer (8) clear of deck and unscrew one flexible tail (18) from underside of mixer. Remove mixer together with remaining flexible tail (18) from deck hole. Firmly hold mixer body (8) while unscrewing base ring (13), taking care not to damage the decorative finish. Remove bottom thrust washer (9B).

- 4) Slide outlet (11) off mixer body (8) and remove worn seals (10). Ensure top thrust washer (9A) is in position then fit new seals (10) into grooves, making sure they are installed as shown in Fig 1.
- 5) Apply suitable lubricant to both thrust washers (9) and seals (10). Carefully slide outlet (11) onto mixer body (8) taking care that seals (10) are not twisted or rolled in their grooves. Replace bottom thrust washer (9B) then screw base ring (13) firmly onto mixer body (8).
- 6) Ensure 'O' ring (14) is in position in base ring (13) then pass flexible tail down through deck hole. Apply suitable lubricant to 'O' rings (19) on remaining flexible tail then pass this tail up through deck hole and install into mixer base. Tighten tail (18) firmly by hand.
- 7) Place mixer into deck hole, ensuring hot water tail (18) is to the left and stud (12) is to the back. Fit gasket (15) and fixing plate (16) over stud (12) and screw on fixing nut (17). Align mixer body so that the handle(1) rotates at equal angles from left to right then tighten fixing nut (17).
- 8) Connect the flexible tails (18) to the hot and cold isolating stop taps, taking care that flexible tails are not kinked, twisted or in tension as they are tightened.
- 9) Turn on isolating stop taps and check operation.

IMPORTANT	
<u>Pressure & Temperature Requirements.</u>	
• Hot and cold water inlet pressures should be equal.	
• Inlet pressure range : 150-1000 kPa	
New Regulation:- 500 kPa maximum operating pressure at any outlet within a building. (Ref. AS/NZS 3500.1-2003, Clause 3.3.4)	
• Maximum hot water temperature : 80°C.	

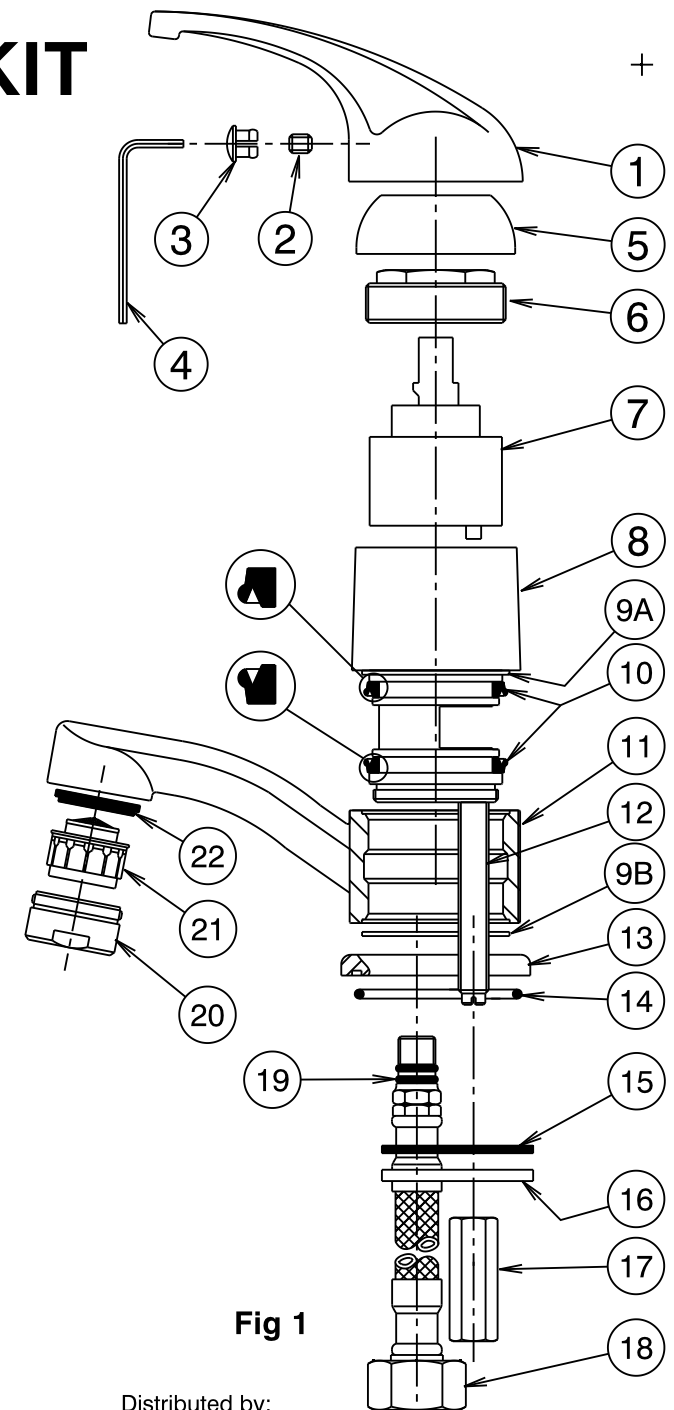


Fig 1

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