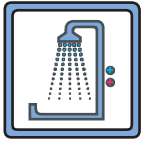


THE SHOWER REPAIR CENTRE

How To Guides



Changing a Washer

It is easy to change the washers in a tap .

if you have the correct tools and materials. The materials you will need are tap washers, body washers (thin, fibre washers), o-rings and a silicone lubricant. The tools needed are, an adjustable spanner, funnel-nosed pliers, a tap re-seater, wrench, cloth and wire brush.

If the taps are in the shower or even the kitchen, you may need a tube spanner to remove the tap spindle if it is recessed into the wall so that the tiles block the use of a normal spanner. You may even need a screwdriver, in some cases, to remove the tap handle from the spindle. Multigrips may be required to turn off the mains pressure if the tap is tight . (see below)

Some technical terms:

Spindle

The spindle is in two parts - an outer and a central part. It is the main body for turning the tap on or off.

Head Nut

The head nut is part of the spindle, which enables you to screw the spindle from the body of the pipes.

Tap Washer

Most taps outside the house in the garden take 18mm or $\frac{3}{4}$ inch washers, inside taps take 12mm or $\frac{1}{2}$ inch washers.

Body Washer

Body washers are thin, fibre washers usually orange in colour. Make sure you choose the correct size - not too small or not too large.

O-Rings

O-rings are small circular rings that fit on the inner spindle.

Tap Seat

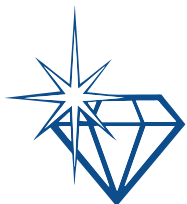
The tap seat is the circular base of the pipes after the spindle is removed.



For more information please contact us on
Phone :- 1300 888 806 Fax :- 1300 66 88 11
Or Visit our website at
<http://www.showerrepaircentre.com.au>

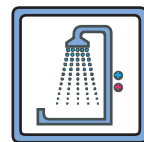


*These instructions are purely a guideline .
Seek a Plumbers advice for further information



THE SHOWER REPAIR CENTRE

How To Guides



Changing a Washer

* Procedure

- Step 1** Generally, the hot water tap is on the left and the cold water tap is on the right. If the taps are horizontal, the hot water tap is on top. Check before you start that they have been installed correctly.
- Step 2** Turn off the mains. If you live in a house the mains water supply tap will be outside in the front of the house near the meter. If you live in a unit, it will be inside. In some units there may be a number of isolation taps: in the bathroom, kitchen and laundry. (Look in the kitchen cupboards, under the laundry sinks, in the shower or next to the toilet). If you have recycled water, there will be two mains. In some homes the hot water supply may be in the roof. Before you do any work, make sure you have isolated the water by turning off the correct water supply. If the mains have not been turned for years, they may be tight. You may need a pair of multigrips to turn the water off. Remember to turn the mains off, you turn clockwise. To turn the mains on, you turn counter clockwise.
- Step 3** Remove the taps. To safeguard chrome surfaces place a cloth around them so that the serrated surfaces of the wrench do not damage the chrome. Turn the spindle counter clockwise and remove it from the pipes.
- Step 4** Remove the body washer (orange fibre) & clean the surface on which it sits with a wire brush and cloth.
- Step 5** Clean the tap seat and grind it with the re-seater tool. Grind until it is smooth and clean. Remove any filings with a cloth. It is important to remove all filings at this stage as they may get under the washer and cause the tap to leak.
- Step 6** To change the O-ring on the spindle, turn the spindle until it appears on the inner part. Prise the old ring off with your funnel-nosed pliers or cut it off with a knife. Clean the spindle with your wire brush and cloth and roll the new O-ring into place. Some spindles have two O-rings, if so, repeat the process.
- Step 7** Fully lubricate the inner spindle with the silicone lubricant. This is an essential step to make the tap easy to turn. Then fully screw the two parts of the spindle together.
- Step 8** Replace the tap washer. Tap washers should slide out easily, but if not, use your funnel-nosed pliers to remove them. Slide in the new washer.
- Step 9** Replace the new body washer and re-assemble the tap screwing it into the main pipe. Carefully replace the hot and cold labelled buttons on the correct taps. Clean any lubricant off the taps with a paper tissue. Turn the tap about half on and open the mains. Use only gentle pressure to turn the tap off as over-tightening can damage the new washer.

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