

Plumb USATM

Faucet Selections

Important product information Read carefully

Dear Customers:

The shower faucet you just purchase is equipped with washerless cartridges (Part B in Diagram), which are used to switch the water on and off.

Most faucets being sold and installed these days are of washerless design. Washerless faucets tend to go longer between leaks than the old-style compression faucets, but they still can develop problems after a few years of use.

A compression faucet, the older type, controls water by driving a shaft with a rubber washer at the end into the opening where water emerges from the home's water line.

Washerless faucets work by lining up holes in the faucet mechanism to openings leading to the hot and cold water supplies.

Washerless faucets also have rubber sealing parts (Part C in Diagram, including rubber seals and wire springs), but because they're not under the same kind of pressure as old-style washers, they last longer.

The parts do wear out eventually, though, and washerless faucets also can suffer from the build-up of hard-water deposits.

If your washerless faucet leaks right after installation, don't panic, it probably because the rubber seal (Part C) is off position a little bit due to the heavy vibration during shipping or dirt/debris stuck inside the cartridge. You probably will be able to fix it by dismantling the faucet mechanism, re-position the rubber seals and cleaning away dirt/debris.

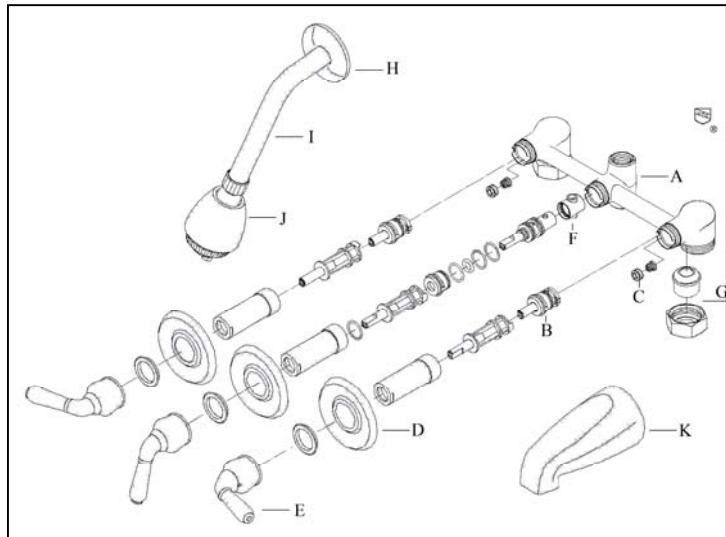
Start by turning off both the hot and cold water supplies to the faucet. Then check the above diagram to know the mechanism inside the faucet.

Once the water is off, first you need is to remove the handle (Part E). You'll need an allen wrench - one of those small, six-sided, L-shaped metal bars - to remove the screw. The allen wrench is not included in the product. The screw can be found right under the lever handle, inside a little groove.

Before removing the screw, cover the drain so you don't drop any small parts into it. The handle should pull free once the screw is loosened. Then remove the flange (Part D) and retaining sleeve. You need to turn the sleeve counter-clockwise to remove it. Do it by hands to avoid scratching the finish.

Once the retaining sleeve is removed, you will be able to remove the cartridge (Part B) by pulling out. Next step is to take out the seal and wire spring (Part C). Inspect the seal to make sure no tiny scratch (You may want to just replace with a new one if the faucet has been used for many times). Put the spring and seal back to its round groove, make sure the seal-hole face you straight and horizontally. (This is important because the cartridge's bottom has to move smoothly on the seal's surface.)

Last step is to put other parts back on and try again. Enjoy your product.



Parts Break-Down Diagram