

Trusted solutions for common water supply problems.

Get the basics on how your water supply system works:

- The water supply system connects your faucet, toilet or appliances to water pipes in walls or under floors.
- A supply shut-off valve turns off water to a faucet, toilet or appliance so it can be worked on without turning off water for the entire house. If the shut-off valve needs repaired or replaced, turn off the water for the entire house.
- A supply line is used to connect the faucet, toilet, etc. to the shut-off valve.
- The valve options range, based on pipe origin and thread location.
 - An angle valve is used if the water pipe comes from the wall.
 - A straight valve is used if the water pipe comes from the floor.
 - If your water pipe has threads on the outside, the shut-off valve needs threads on the inside of the inlet side of the valve.
 - If the water pipe is a copper pipe with no threads on the end, you'll need either a solder connection or a compression fitting on the inlet side of the shut-off valve.

Need more help?

Visit www.plumbcraft.com for online how-to videos and other resources.

PlumbCraft® has been the trusted brand for plumbing home repair products for more than 50 years. Whether you're a seasoned plumber or a do-it-yourselfer, PlumbCraft® makes any plumbing repair job much easier.

PlumbCraft® is the trusted brand of choice for plumbing repair made easy throughout the entire home.

PlumbCraft® Essential Take-Home Guides are available for each of these plumbing home repair projects:

CONNECTION REPAIR

TOILET REPAIR

WATER SUPPLY REPAIR

DRAIN REPAIR

HOSE & PIPE REPAIR

SINK & FAUCET REPAIR

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WATER SUPPLY REPAIR SOLUTIONS

Your Essential Take-Home Guide

Simplify your repair project:

- Check product codes to quickly find parts
- Take home this detailed guide to help with the repair
- Watch online how-to videos at plumbcraft.com

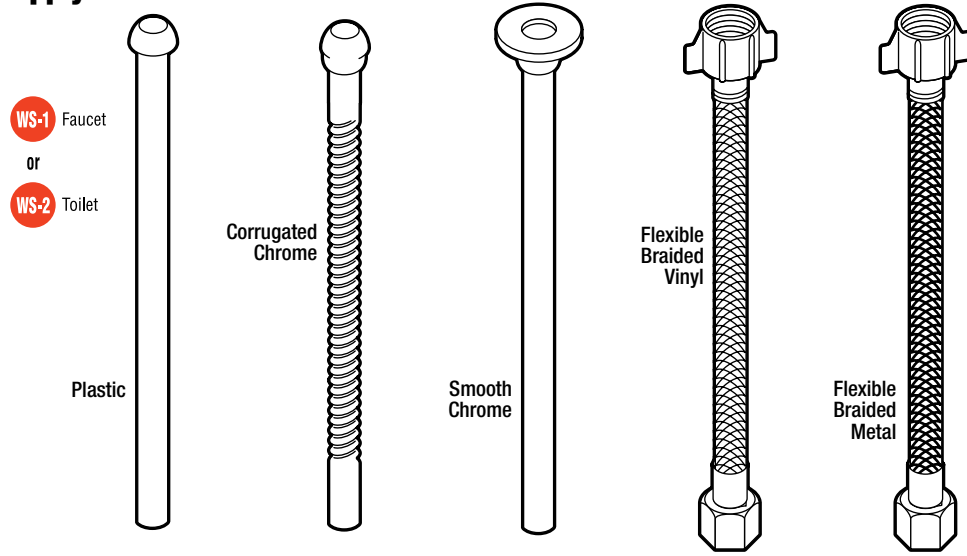


Water Supply Repair Solutions

| DETERMINE THE LEAK'S LOCATION | DISCOVER THE CAUSE | FIND YOUR SOLUTION |
|--|--|---|
| Where valve and water pipe connect: A. Threaded Valve B. Compression Valve C. Solder Connection | <ul style="list-style-type: none"> A. Clean pipe threads, apply PTFE tape (thread tape), and reconnect B. Tighten compression nut C. Re-solder connection | <ul style="list-style-type: none"> *The type of valve needed will depend on the type of pipe coming from the floor or wall. See valve graphic below. |
| Around handle of shut-off valve | <ul style="list-style-type: none"> Replace shut-off valve | <p>WS-3</p> <p>WS-4</p> |
| Where valve connects to supply line | <ul style="list-style-type: none"> Check threads, tighten nut and/or replace supply line | <p>WS-5</p> <p>WS-1 or WS-2</p> |
| Where supply line connects to faucet/toilet | <ul style="list-style-type: none"> Check threads, tighten nut and/or replace cone washer | <p>WS-7 or WS-8</p> <p>WS-6</p> |
| Out of supply line | <ul style="list-style-type: none"> Replace supply line | <p>WS-1 or WS-2</p> |

PlumbCraft® products are packaged and marked to help you find plumbing repair parts quickly. Just use the chart to determine the leak's location, discover the solution and find the appropriate parts. Then, look for the part codes on every package to easily find what you need.

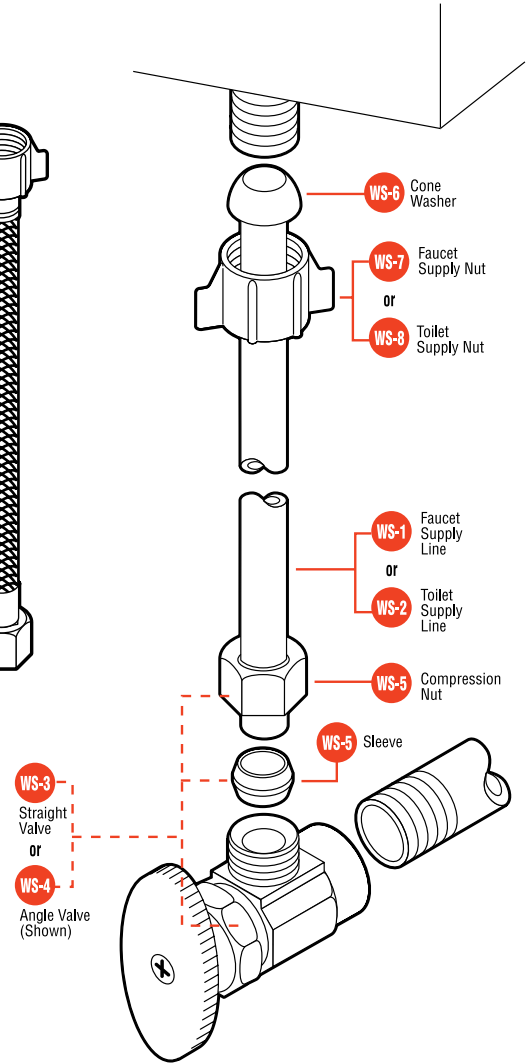
Supply Lines



Tip: Before beginning any repairs, always shut off your water at the Water Supply Valve.

Before You Start

Be sure to place a pan or bucket on the floor before disconnecting the shut-off valve to catch any water.

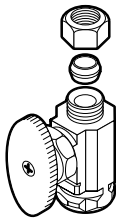


Straight Valves

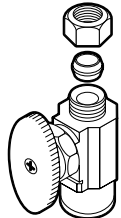
Use when water supply comes from floor.

WS-3

Compression (for copper)



Female Pipe Thread (for threaded pipe)

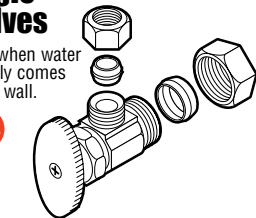


Solder (for rigid copper)

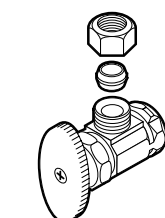
Angle Valves

Use when water supply comes from wall.

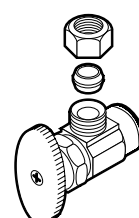
WS-4



Compression (for copper)



Female Pipe Thread (for threaded pipe)



Solder (for rigid copper)

Installation

Find detailed directions for complete installation on the back of each product package. Each package also offers information on specific tools you may need, and helpful tips to make your projects easier.