

Service Sink Faucet Installation Instructions

Recommended for base fittings: 897



Geberit Group

Overview

Chicago Faucets service sink faucets feature cast brass bodies and precision cartridges for years of reliable operation.

Notice to the Installer

- Read this entire instruction sheet before installing to ensure proper installation.
- Installation must comply with local codes and ordinances.

Pressurized plumbing fixtures shall be installed in accordance with manufacturer's recommendations. The supply piping to these devices shall be securely anchored to the building structure to prevent installed device from unnecessary movement when operated by the user. Care shall be exercised when installing the device to prevent marring the exposed surface.

NOTE: The information in this manual is subject to change without notice.

Please leave this manual with the facility manager after completing the faucet installation. This document contains information necessary for routine maintenance and servicing.

NOTE: Before installation, turn off water supplies to existing faucet and remove faucet if replacing. Clean faucet basin and clear away debris. Flush all supply lines before connecting to faucet. Failure to do so can result in debris clogging the inlets and/or cartridges.

NOTE: Before installing a new ceramic cartridge flush lines completely.

Wall Mount Single Sink Fittings

These Installation instructions apply to all products with the following fitting base numbers: 897

1. Water supplies must be shut off. Supply lines must have 1/2" NPT male threaded ends and should protrude 5/8" – 7/8" from the finished wall on 8" centers. Supply lines must be secured to support the faucet.
2. Apply pipe sealant to the 1/2" NPT threads of the supply lines.
3. Remove supply arms from faucet and screw onto supply lines. (See Fig. 1) Position the supply arms so they line up with the faucet inlets (8" center to center).
NOTE: The faucet must be mounted level, adjust supply arms as necessary.
4. Place the flanges over the supply arms and against the finished wall. (See Fig. 1)
5. Make sure inlet gasket is sitting in place within the union nut. (See Fig. 1) Attach faucet to supply arms and tighten union nut securely.
6. Remove the set screw from the brace rod. Place the brace rod in the slot on the spout and reattach the set screw using 3/32" hex key wrench. (See Fig. 2)
7. Place brace flange against the finished wall and center it with the spout. Secure the flange to the wall using (2) wood screws provided.
NOTE: Finished wall must be supported where the brace flange mounts to the wall to provide maximum support.
8. Turn on water supply and check supply lines and faucet connections for leaks.

Service Instructions

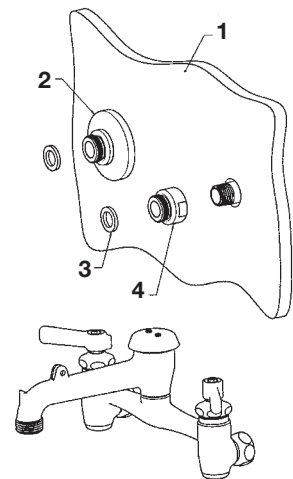
Replacing the Check Valves

For units with integral check valves in the supply arms, follow these instructions to service the valves:

1. Turn off the water supply to the faucet, either at the wall stops or at the main.
2. Disconnect the brace rod and remove the faucet from the supply arms.
3. Using needle-nose pliers, pull the check valves out of the supply arms.
4. Insert new check valves in the supply arms. Be sure to note the flow direction arrow marked on the valve. The arrow should be pointed toward the faucet.
5. Reinstall the faucet onto the supply arms.
6. Reconnect the brace rod.
7. Turn on water supply and check supply lines and faucet connections for leaks.

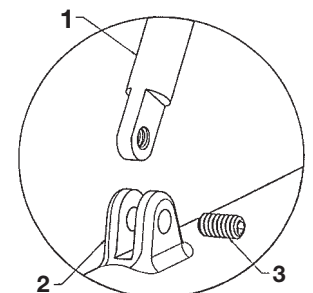


Figure 1



- 1) FINISHED WALL
- 2) FLANGE
- 3) GASKET
- 4) SUPPLY ARM

Figure 2



- 1) BRACE ROD ASSEMBLY
- 2) SPOUT
- 3) SET SCREW

For additional technical assistance, call 800/TEC-TRUE (800-832-8783) or visit our website at chicagofaucets.com.

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(continued)



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Replacing the Cartridges

The faucet is furnished with integral supply stops that can be used to shut off the water when servicing the cartridges. To shut off the water, turn both handles to the “on” position and close the stops using a 5/16” hex key wrench until the water stops flowing. To install new cartridges, follow these steps:

1. Always place a new cartridge in the closed position when installing into valve body.
2. TO INSTALL RIGHT HAND CARTRIDGE, push cartridge into body until it seats. Add cap nut and tighten HAND TIGHT. Add handle.
3. Hold handle in CLOSED POSITION and fully tighten cap nut to 15-25 FT. LB. torque.
4. TO INSTALL LEFT HAND CARTRIDGE, push cartridge into body until it seats. Add cap nut and tighten HAND TIGHT. Add handle.
5. Hold handle in OPEN POSITION and fully tighten cap nut to 15-25 FT. LB. torque.
6. Return handle in closed position and check handle alignment.

NOTE: Cartridges are stamped “LH” to designate left hand and “RH” to designate right hand.

When cartridge installation is complete, open the integral supply stops no more than three (3) complete turns.

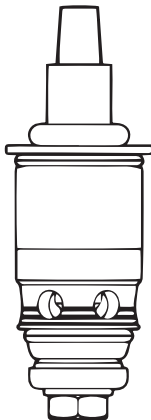
NOTES: Use caution when opening integral supply stops. The stops can unscrew completely, causing water to spray from the stop opening.
To service or rebuild compression cartridges, follow the instructions from the cartridge rebuilding kit (#1277-DAB).

Replacement Cartridge Options

Quatern (Compression)

1-100XTJKABNF - Left Hand

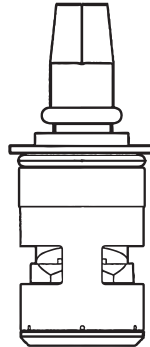
1-099XTJKABNF - Right Hand



Ceramic

1-100XKJKABNF - Left Hand

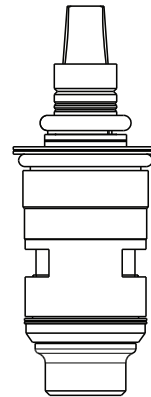
1-099XKJKABNF - Right Hand



Ceramic - Integrated Check Valve

1-100XKCJKABNF - Left Hand

1-099XKCJKABNF - Right Hand



Care and Maintenance

All Chicago Faucets fittings are designed and engineered to meet or exceed industry performance standards.

Care should be taken when cleaning this product. Do not use abrasive cleaners, chemicals or solvents as they can result in surface damage. Use mild soap with warm water for cleaning and protecting the surface of Chicago Faucets fittings.

For additional technical assistance, call 800/TEC-TRUE (800-832-8783) or visit our website at chicagofaucets.com.

CHICAGO FAUCETS LIMITED WARRANTY

TO WHOM DOES THIS WARRANTY APPLY? — The Company extends the following limited warranty to the original user only.

WHAT DOES THIS WARRANTY COVER AND HOW LONG DOES IT LAST?

This warranty covers the following Commercial Products:

LIFETIME FAUCET WARRANTY — The “Faucet,” defined as any metal cast, forged, stamped or formed portion of the Product, not including electronic or moving parts or other products separately covered by this Limited Warranty or water restricting components or other components, is warranted against material manufacturing defects for the life of the Product.

FIVE YEAR FAUCET WARRANTY — Certain Products and portions of the Product are warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase. Products warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase are referred to by the product numbers 42X, 43X, 15XX and E-Tronic® - 4X, 5X, 6X, 7X, 8X and 9X. All zinc die cast portions of Product are warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase.

THREE YEAR ELECTRONICS WARRANTY — Electronic components, including the solenoid, are warranted for three (3) years from the date of installation.

FIVE YEAR CARTRIDGE WARRANTY — The “Cartridge”, defined as the metal portion of any Product typically referred to by the product numbers containing 1-099, 1-100, 1-310, 377X, 217X and 274X, excluding any rubber or plastic components, is warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase. All Cartridges included in the Company’s Single Control or Shower Products also are warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase.

ONE YEAR FINISH WARRANTY - COMMERCIAL — For Products used in commercial applications, the finish of the Product is warranted against material manufacturing defects for a period of one (1) year from the date of Product purchase.

OTHER WARRANTIES — All other Products not covered above are warranted against material manufacturing defects for a period of one (1) year from the date of Product purchase.

Other restrictions and limitations apply. For complete warranty details, call Chicago Faucets Customer Service at 847-803-5000 or visit chicagofaucets.com.

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