Service Sink Faucet Installation Instructions

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) 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.
5. 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) 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.
6. 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.

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

Quaturn (Compression)
1-100XTJKABNF - Left Hand
1-099XTJKABNF - Right Hand

Ceramic
1-100XJKABNF - Left Hand
1-099XJKABNF - 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.

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