

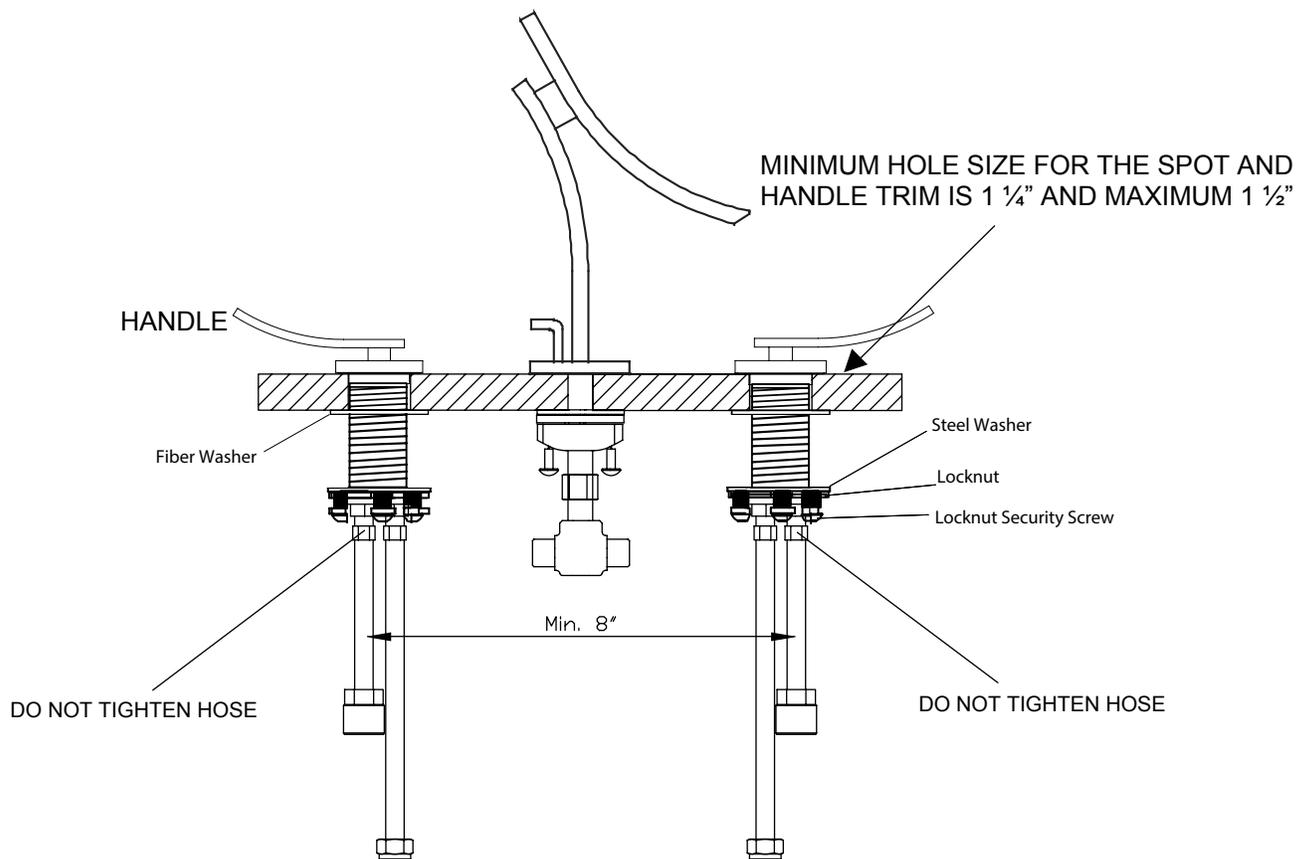


COLLECTION
WIDESPREADS

This is a general installation instruction
for the following collections:
* AVA * AVA CRYSTAL

PLEASE READ THE INSTRUCTIONS COMPLETELY
BEFORE BEGINNING THE INSTALLATION.

Note: Important notice on Page 3!
Read carefully installation instruction step 4!



*** NOTE: SHUT OFF WATER SUPPLY BEFORE BEGINNING INSTALLATION***

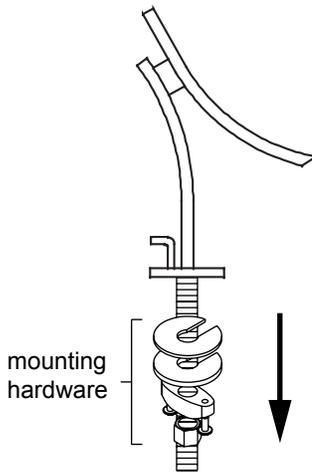
INSPECTED BY _____

KEEP THIS INSTRUCTION BOOKLET FOR FUTURE REFERENCE

SPOUT INSTALLATION

Step 1.

- Remove the mounting hardware from the spout.

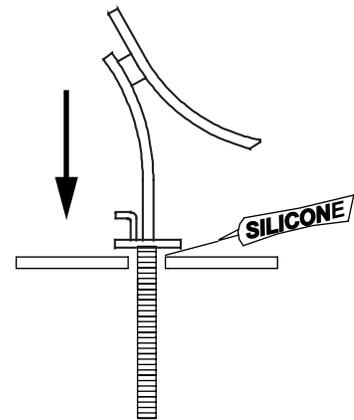


Step 2.

- Apply a ring of silicone caulking around hole designated for spout.

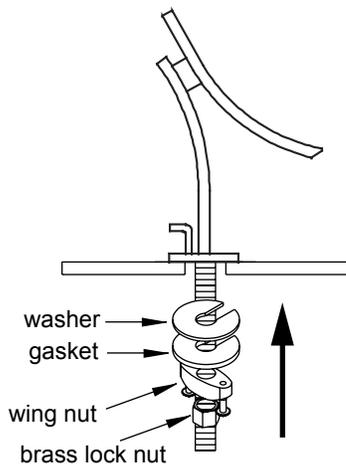
DO NOT USE PLUMBERS' PUTTY WHICH CAN DAMAGE FINISH.

- Insert spout through center hole sink or countertop.



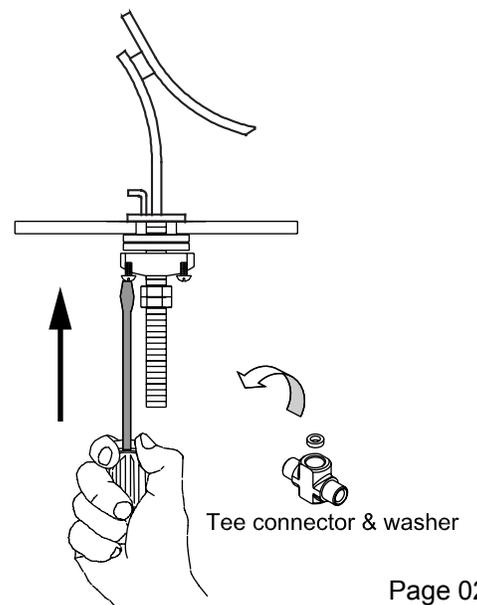
Step 3.

- From below, slip notched washer and gasket over spout shank. Align notched washer and gasket to allow pop-up rod to pass through.
- Attach wing nut and brass lock nut.



Step 4.

- Secure spout by tightening the two screws on wing nut.
- Thread tee connector and washer to spout shank and tighten to seal.

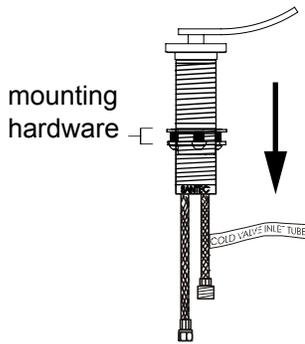


HANDLE TRIM INSTALLATION

HANDLE TRIMS ARE READY FOR DROP IN INSTALLATION. DO NOT DISASSEMBLE.

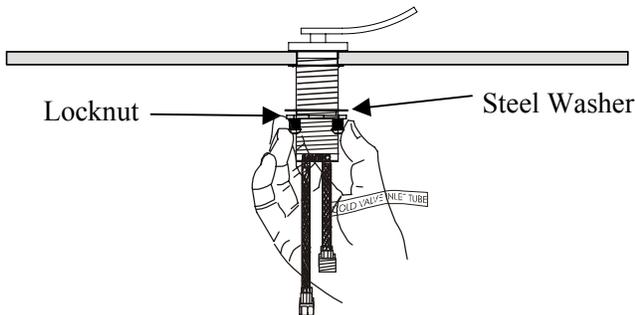
Step 1

- Remove the valve body mounting hardware from the valve body.
- Hot valve assembly “Red” to be mounted on left.
- Cold valve assembly “Blue” to be mounted on right.



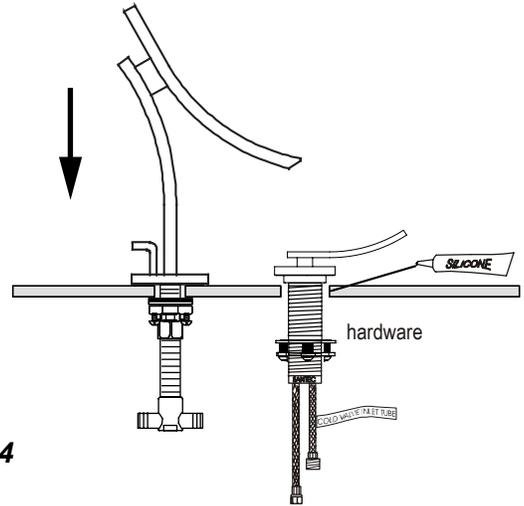
Step 3

- Align handles (in closed position)
 - Hot side pointing left (9 o'clock)
 - Cold side pointing right (3 o'clock)
- Re-install valve body mounting hardware (fiber washer/steel washer/locknut)
- Hand tighten locknut (clockwise)



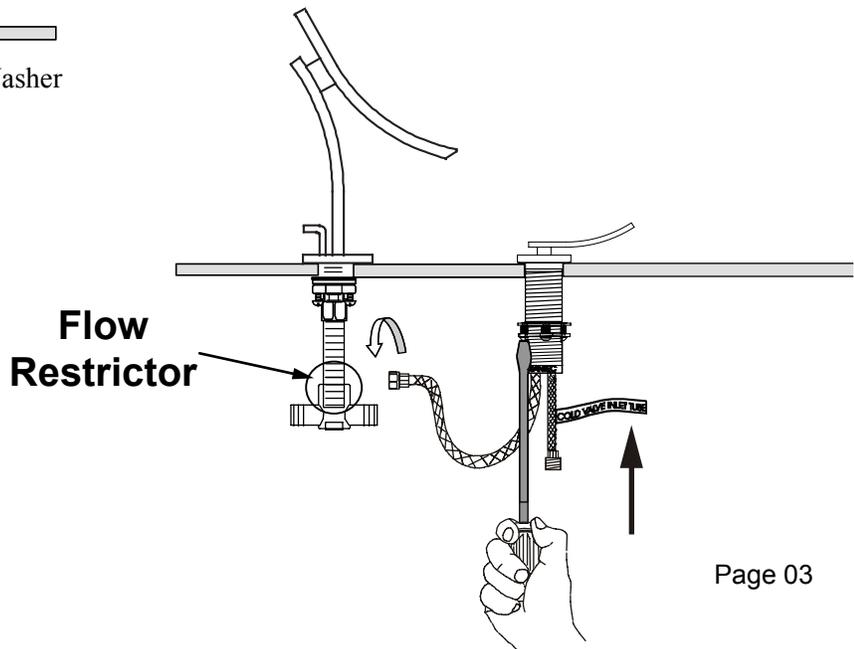
Step 2

- Apply ring of silicon caulk around the cut out in the sink/countertop
 - **Do Not use plumber’s putty which can damage finish**
- Drop valve body through cut out in sink/countertop



Step 4

- Tighten 3 locknut security screws in locknut (clockwise) with a phillips screwdriver
- **STOP! FLUSH THE LINE!***
- Attach outlet hoses from valves to tee connector at the base of the spout and attach securely to avoid leaks.



*FLUSH THE LINE

- After all connections have been made from inlet supplies to angle stop, remove the aerator.
- Open both hot and cold valves.
- Slowly open angle stop from below and flush the lines for approximately 45 seconds to clean any debris.
- Turn off the water and reinsert aerator.

INSTALLATION INSTRUCTION

COLLECTION
WIDESPREADS

POP-UP DRAIN INSTALLATION

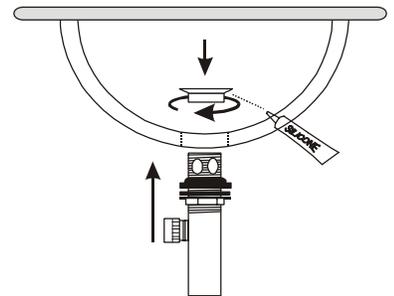
1. Remove decorative drain flange and drain plug from pop-up assembly.



2. Apply a ring of silicone caulking to underside of decorative drain flange.

DO NOT USE PLUMBERS' PUTTY, WHICH CAN DAMAGE FINISH.

3. Insert threaded end of the assembly up from below sink
4. Completely thread drain body into decorative drain flange and align with ball rod hole facing back and tighten lock nut from below.



5. Insert drain plug into decorative drain flange with adjustable eye-screw facing back.
6. Attach ball rod washer and ball rod nut to horizontal ball rod and install into drain body.
7. Do not over tighten. Ball rod must operate freely.
8. Slide lift rod and knob through spout and from below the lift rod strap and tighten thumbscrew.
9. Gently push the horizontal ball rod down to place the drain plug in the up position.
10. Slip one leg of ball rod clip off horizontal rod and insert lift rod strap, reattach leg of ball rod clip.
11. Test pop-up for smooth operation and adjust if necessary.

