

# INSTALLATION GUIDELINES



**STYLE No. FRLS60, FR60LS**

Foro Low Profile Three Hole Wall Mounted Lavatory Faucet with Metal Cross Handles



**STYLE No. FRLS70, FR70LS**

Foro Low Profile Three Hole Wall Mounted Lavatory Faucet with Metal Lever Handles

**IMPORTANT:**

- To ensure this product is installed properly, you must read and follow these guidelines.
- The owner/user of this product must keep this information for future reference.
- This product must be installed by a professional licensed contractor and must be on-site prior to rough-in. This allows the installer to visualize the installation and verify the 8" center spread.
- Be sure your installation conforms to federal state, and local codes. In the State of Massachusetts, all installations must comply with the rules and regulations set forth within 248 CMR.
- Inspect this product to ensure you have all the parts required for proper installation. Product is sold partially assembled but shown fully disassembled for illustrative and service purposes only.
- Use only a strap wrench or protected/smooth-jaw wrench on any finished surface.
- The use of certain plumber's putty may stain stone or tile surfaces.
- If further assistance is required, please contact Product Support at 1-800-927-2120 Monday through Friday, 8am - 6pm EST.
- Refer to the separate Service Parts Documents for available replacement parts.

**TECHNICAL DETAILS:**

DETAIL	SPECIFICATION
DRAIN DEPTH	1-1/2" [38mm] MIN 1-7/8" [48mm] MAX
DRAIN HOLE DIAMETER	Ø1-3/4" [44mm]
DRAIN STYLE	LIFT & TURN
HANDLE SPREAD	8" [203mm] <b>NOT ADJUSTABLE</b>
HANDLE TURN ANGLE	QUARTER TURN
INLET CONNECTION	1/2" MALE NPT ‡
SPOUT REACH	8-1/8" [206mm]
WATER PRESSURE RANGE	20psi [1.5 bar] MIN 85psi [6.0 bar] MAX
WATER PRESSURE RECOMMENDED	45psi [3.0 bar]

‡ UK Style No. **FR60LS** and **FR70LS** are provided with 1 **BSPP** ADAPTER, assembly required.

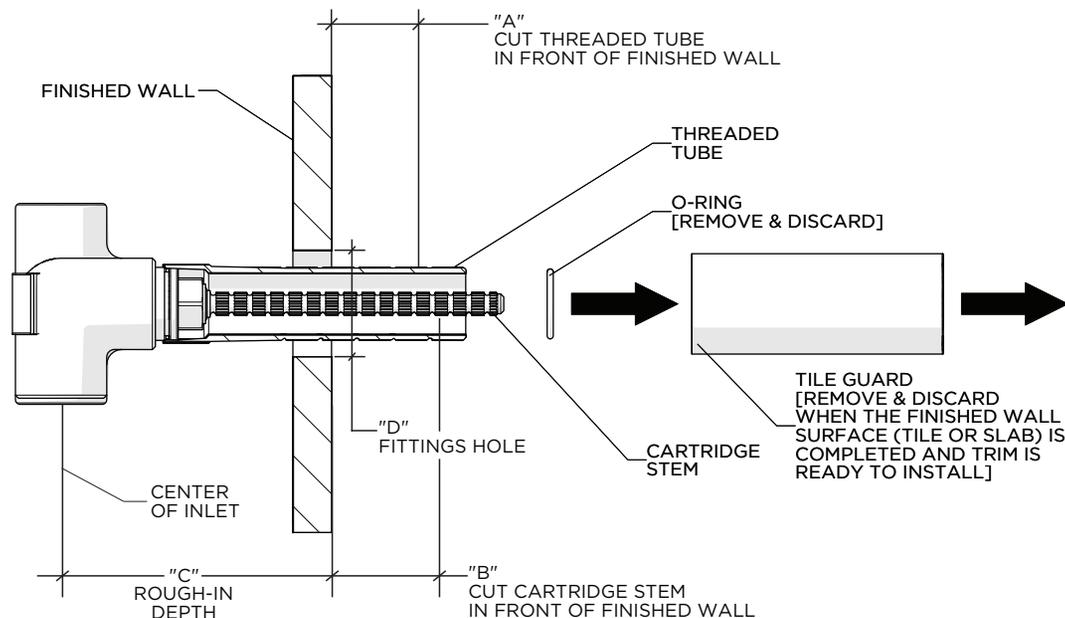
**REQUIRED PLUMBING DETAILS:**

- Universal Lavatory Wall Mounted Rough Valve (Used with Lever Handle Faucets) or, **STYLE No. GULV25, GU25LV**
- Universal Lavatory Wall Mounted Rough Valve (Used with Cross Handle Faucets) **STYLE No. GULV27, GU27LV**

**ROUGH-IN AND VALVE PREPARATION:**

- **CAUTION:** Mark and remove the **THREADED TUBE** before cutting. Do NOT cut the end with the internal threads.
- **CAUTION:** Mark and remove the **CARTRIDGE** using a 21/32" [17mm] shower valve socket wrench (not provided) before cutting.

DIMENSION	VALUE
A	7/8" [22mm]
B	1-5/16" [33mm]
C	2-1/2" [64mm] MIN - 4-1/4" [108mm] MAX
D	Ø1-3/8" [35mm]



INSTALLATION GUIDELINES



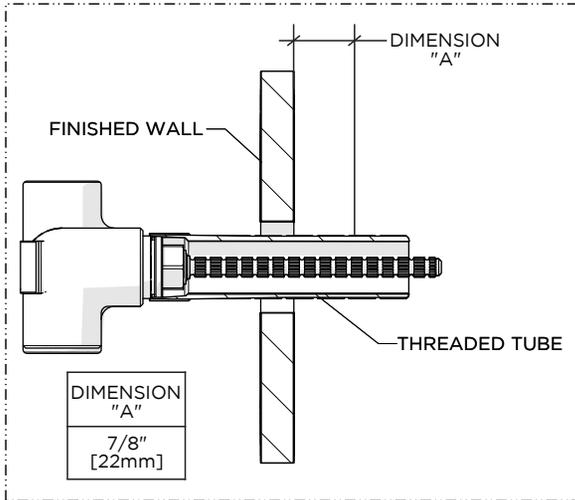
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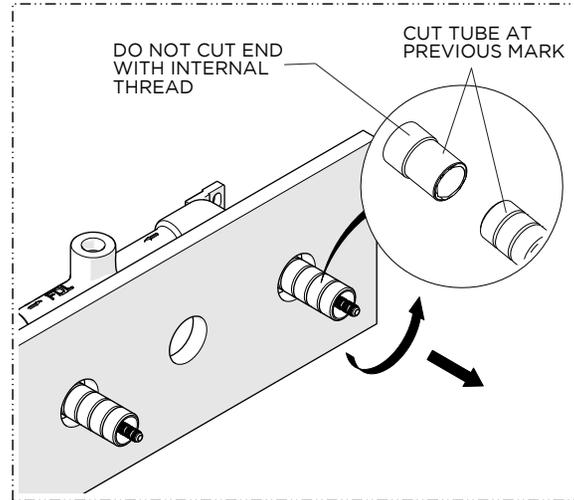


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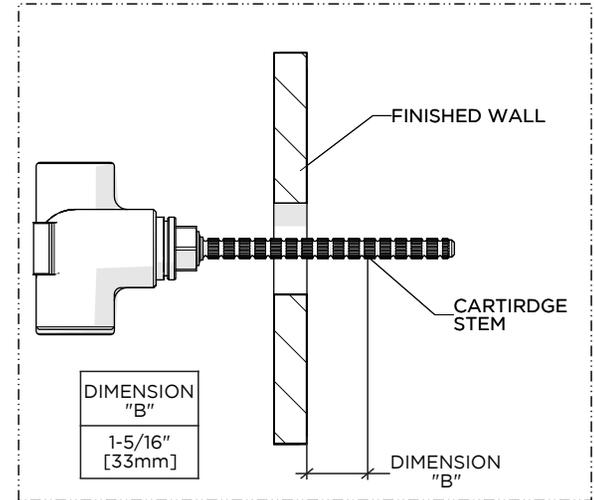


1. Remove the TILE GUARD when ready to install the TRIM then mark the THREADED TUBE in front of the finished wall at the length listed.

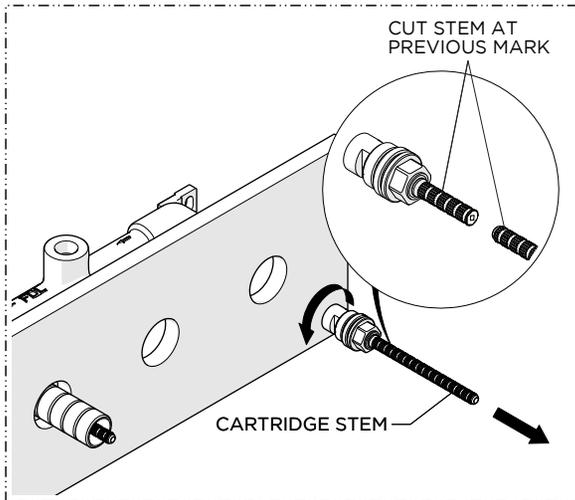


2. Remove the THREADED TUBE then cut the TUBE at the previous mark.

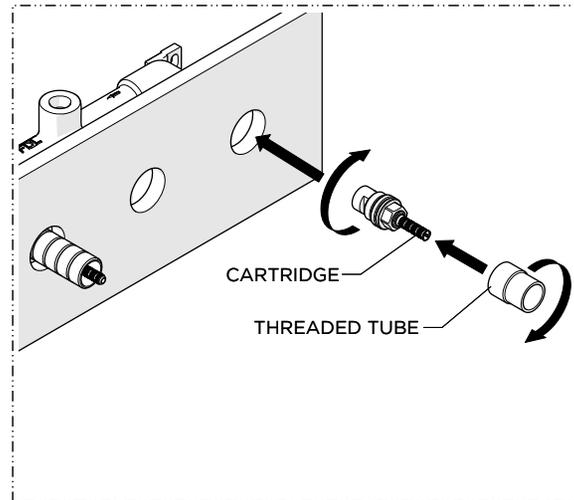
**CAUTION:** Do NOT cut the end with the internal threads.



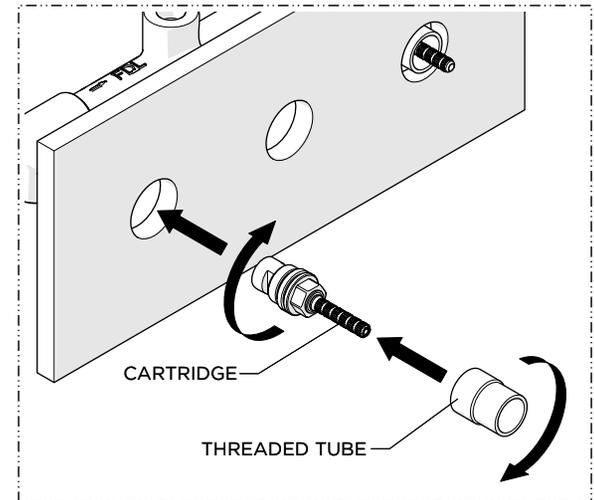
3. Mark the CARTRIDGE STEM in front of the finished wall at the length listed.



4. Remove the CARTRIDGE using a 21/32" [17mm] shower valve socket wrench (not provided) then cut the STEM at the previous mark.



5. Thread and securely tighten the CARTRIDGE back into the VALVE then thread the THREADED TUBE back onto the CARTRIDGE.



6. Repeat Steps 1 - 5 to cut the second (2ND) THREADED TUBE and CARTRIDGE STEM.

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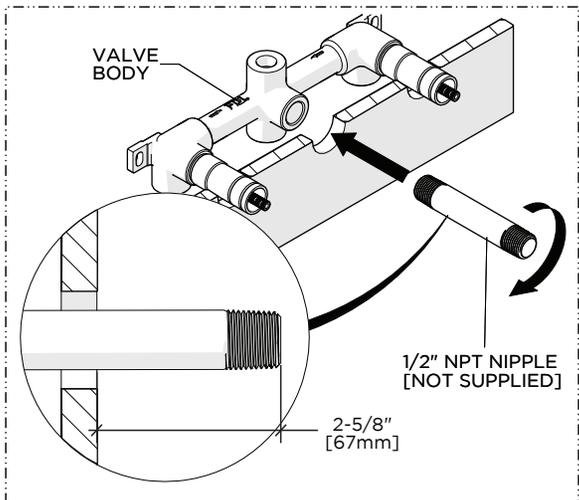
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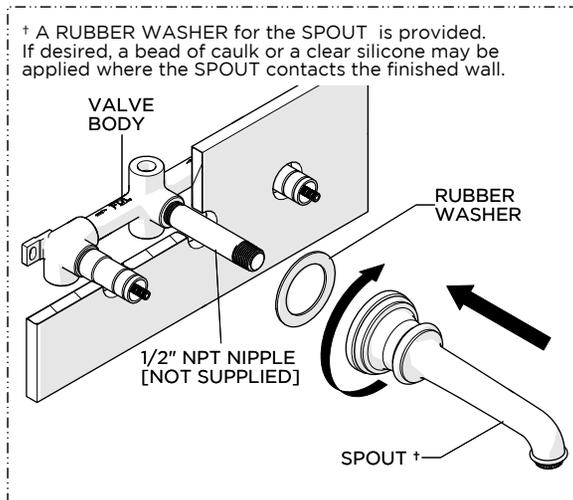


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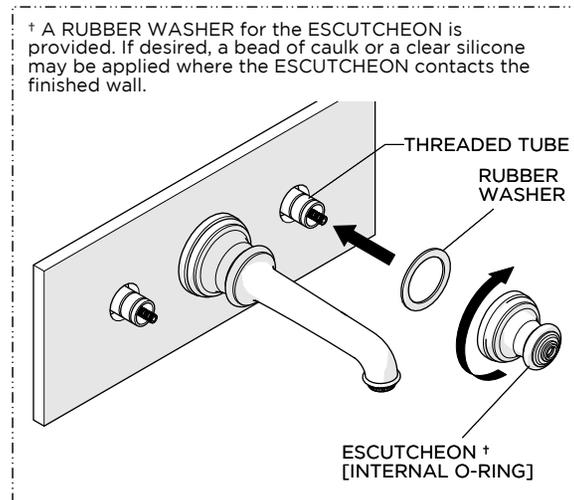
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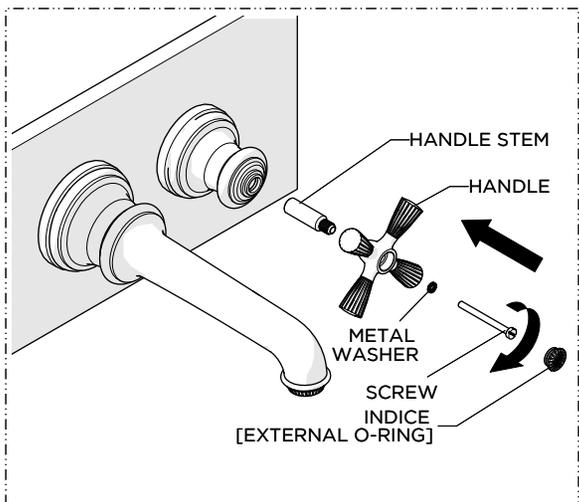
7. Thread a 1/2" NPT x 1/2" NPT NIPPLE (not supplied) of appropriate length into the VALVE and ensure the front face of the NIPPLE projects 2-5/8" [67mm] from the surface of the finished wall.



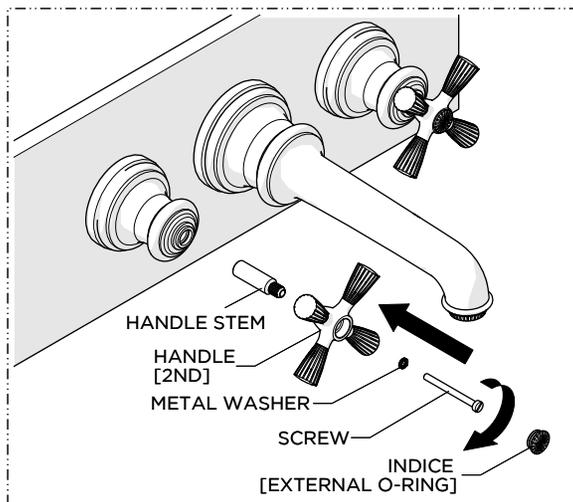
8. Using the RUBBER WASHER provided, thread and securely tighten the SPOUT onto the NIPPLE (not supplied).



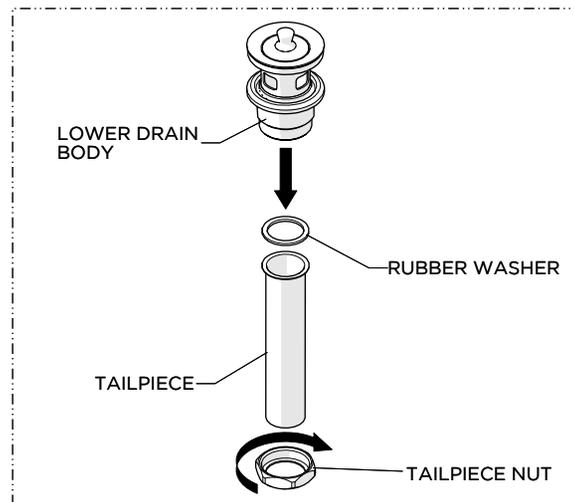
9. Using the RUBBER WASHER provided, thread and securely tighten the ESCUTCHEON onto the THREADED TUBE.



10. Fully insert the STEM into the GLAND COVER and place the HANDLE in the desired orientation onto the STEM then thread and securely tighten the SCREW and install the INDICE.



11. Repeat Steps 9 - 10 to install the second (2ND) HANDLE.



12. Unthread and remove the NUT, TAILPIECE, and the RUBBER WASHER from the LOWER DRAIN BODY.

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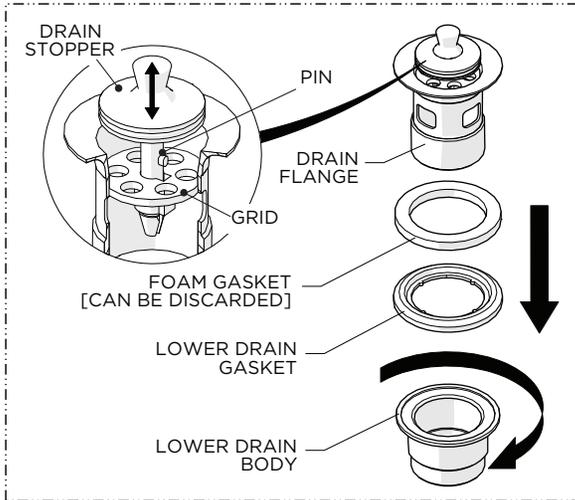
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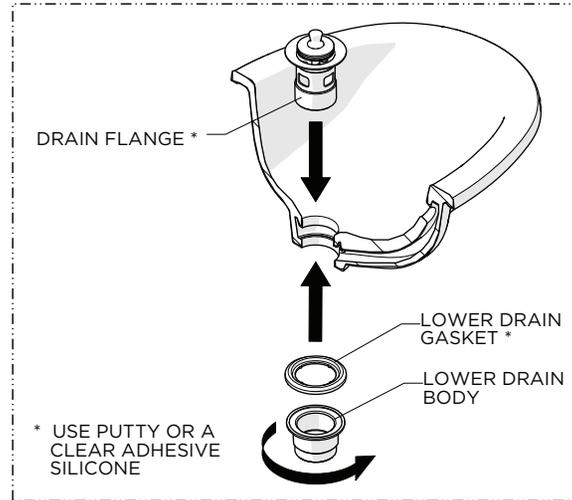
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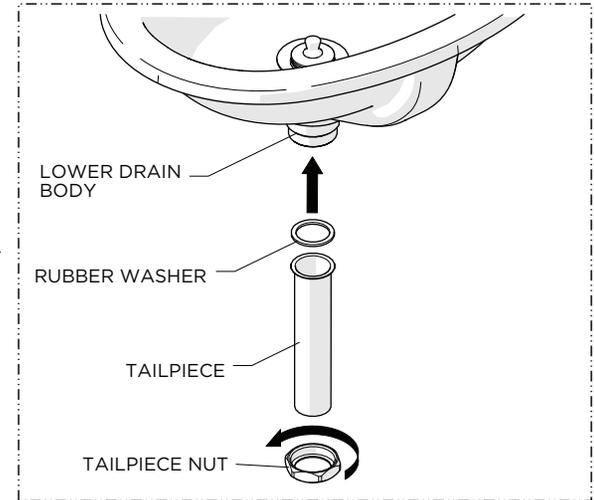


13. Unthread and remove the LOWER DRAIN BODY and LOWER DRAIN GASKET from the DRAIN FLANGE.

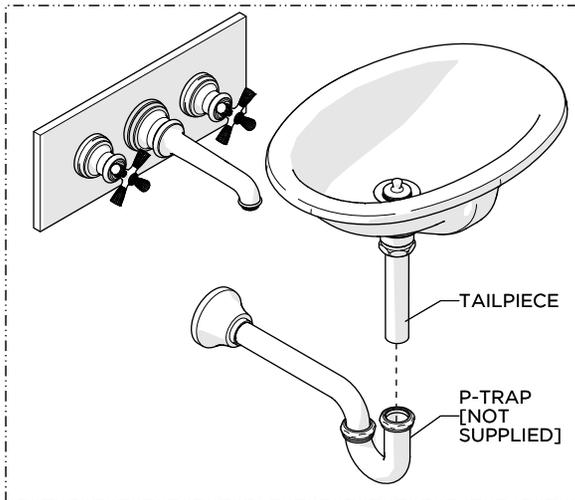
NOTE: The FOAM GASKET can be discarded.



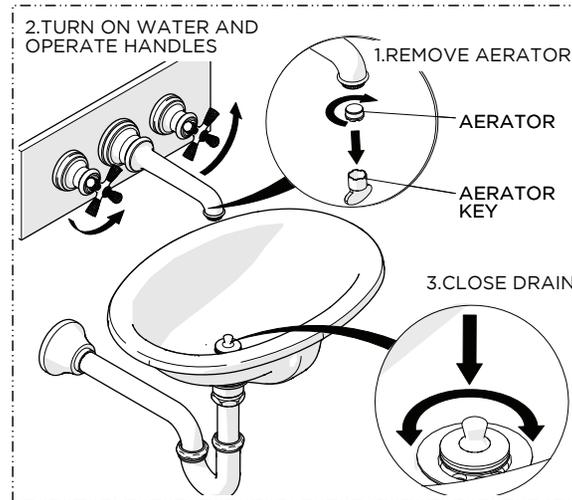
14. Set the DRAIN FLANGE into the lavatory (sold separately) using putty or a clear silicone and attach the LOWER DRAIN GASKET then securely tighten the LOWER DRAIN BODY onto the FLANGE.



15. Re-install the TAILPIECE using the WASHER and NUT provided.



16. Make final P-TRAP (sold separately) connections.



17. Removed the AERATOR, turn on the water to flush out the supply lines, and inspect all connections for leaks. Close the DRAIN to ensure it functions properly then turn off the water and re-install the AERATOR.