

LASCO S-831-2NL

LASCO S-831-2NL No Lead Widespread Cold Hydro Seal Stem Instruction Manual

1. PRODUCT OVERVIEW

The LASCO S-831-2NL is a replacement no-lead widespread cold hydro seal stem designed for Price Pfister 6082 faucets. Constructed from durable brass material, this stem is engineered to meet California AB-1953, Vermont, and new federal standards for low-lead applications, ensuring safe and reliable operation. It serves as a direct replacement part to restore proper function to your faucet's cold water control.

2. SAFETY INFORMATION

- Always turn off the main water supply to the faucet before beginning any installation or maintenance.
- Wear appropriate personal protective equipment, such as safety glasses, to prevent injury.
- Ensure all connections are secure to prevent leaks.
- If you are unsure about any step, consult a qualified plumber.

3. PACKAGE CONTENTS

- One (1) LASCO S-831-2NL No Lead Widespread Cold Hydro Seal Stem

4. SPECIFICATIONS

Manufacturer	LASCO
Part Number	S-831-2NL
Item Weight	3.2 ounces
Product Dimensions	5.5 x 1 x 1 inches
Material	Brass

Lead Compliance	Meets California AB-1953, Vermont, and new federal standards for low lead applications
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5. INSTALLATION INSTRUCTIONS

This section outlines the general steps for replacing a faucet stem. Specific faucet designs may vary, so refer to your faucet's original manual if available.

1. **Turn Off Water Supply:** Locate the shut-off valves for your faucet (usually under the sink) and turn them clockwise until the water flow stops. If no individual valves are present, turn off the main water supply to your home.
2. **Remove Faucet Handle:** Carefully remove the decorative cap (if any) from the top of the cold water handle. Unscrew the handle screw and lift the handle off.
3. **Remove Trim and Retaining Nut:** Remove any escutcheon or trim pieces covering the stem. Use an adjustable wrench to loosen and remove the large retaining nut that holds the old stem in place.
4. **Extract Old Stem:** Carefully pull out the old cold water stem from the faucet body. Note its orientation for reference.
5. **Insert New Stem:** Place the new LASCO S-831-2NL stem into the faucet body, ensuring it seats correctly.
6. **Secure New Stem:** Hand-tighten the retaining nut back onto the faucet body, then use an adjustable wrench to tighten it securely. Do not overtighten.
7. **Reassemble Faucet:** Reattach any trim pieces, then place the handle back on the stem and secure it with its screw and decorative cap.
8. **Restore Water Supply:** Slowly turn the water shut-off valves (or main supply) back on.
9. **Check for Leaks:** Turn on the cold water faucet and inspect for any leaks around the base of the handle and connections. If leaks occur, gently tighten the retaining nut further.



Image: The LASCO S-831-2NL No Lead Widespread Cold Hydro Seal Stem. This image shows the brass stem with its distinct hydro seal design, ready for installation into a compatible Price Pfister 6082 faucet.

6. OPERATING INSTRUCTIONS

Once installed, the LASCO S-831-2NL stem functions as the control mechanism for the cold water flow in your Price Pfister 6082 widespread faucet. Turning the handle counter-clockwise will open the stem, allowing cold water to flow, and turning it clockwise will close the stem, stopping the water flow.

7. MAINTENANCE

- **Regular Inspection:** Periodically check the faucet for any signs of leaks around the handle or spout. Early detection can prevent water damage.
- **Cleaning:** Clean the exterior of your faucet regularly with a soft cloth and mild soap to prevent mineral buildup and maintain its appearance. Avoid abrasive cleaners that can damage the finish.
- **Seal Integrity:** If the faucet begins to drip, it may indicate wear on the internal seals of the stem. While this stem is designed for durability, seals can eventually wear out and may require replacement.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Faucet drips from spout	Stem not fully closed; Worn internal seals; Improperly seated stem.	Ensure handle is fully closed. If dripping persists, the stem's internal seals may be worn and require replacement of the stem. Recheck installation to ensure the stem is seated correctly and the retaining nut is snug.
Handle is stiff or hard to turn	Mineral buildup; Improper installation; Damaged stem.	Disassemble the handle and stem area, clean any visible mineral deposits. Re-lubricate moving parts with plumber's grease if accessible. Ensure the stem was installed correctly and not overtightened. If the problem persists, the stem may be damaged and require replacement.
No cold water flow	Water supply off; Clogged aerator; Damaged stem.	Check if the cold water supply valve is fully open. Remove and clean the faucet aerator for clogs. If these steps do not resolve the issue, the stem may be damaged and require replacement.

9. WARRANTY AND SUPPORT

The LASCO S-831-2NL stem comes with a Larsen Supply Product Warranty, which is valid for one year from the date of purchase. This warranty covers parts only and requires that the product be installed according to the manufacturer's specifications.

For technical assistance, warranty claims, or further information, please contact LASCO customer support. Keep your proof of purchase for warranty validation.