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› LASCO S-735-4T Diverter Stem for 3-Handle Tub and Shower Valves Instruction Manual

LASCO S-735-4T

LASCO S-735-4T Diverter Stem Instruction Manual

Model: S-735-4T | Brand: LASCO

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the LASCO S-735-4T Import Diverter Stem. This component is designed as a replacement part for 3-handle tub and shower valves, facilitating the diversion of water flow between the tub spout and showerhead. Understanding these instructions will ensure proper function and longevity of the diverter stem.

Key Features:

- Plastic stem with durable brass Delex pattern broach.
- Specifically designed for 3-handle tub and shower valves.
- Functions as a center diverter to control water flow.
- Compatible with various import valve models.
- Reliable replacement part for worn or damaged diverter stems.

2. PRODUCT OVERVIEW

The LASCO S-735-4T diverter stem is a critical component for managing water flow in compatible tub and shower systems. Below are visual references to help identify the product and its key features.

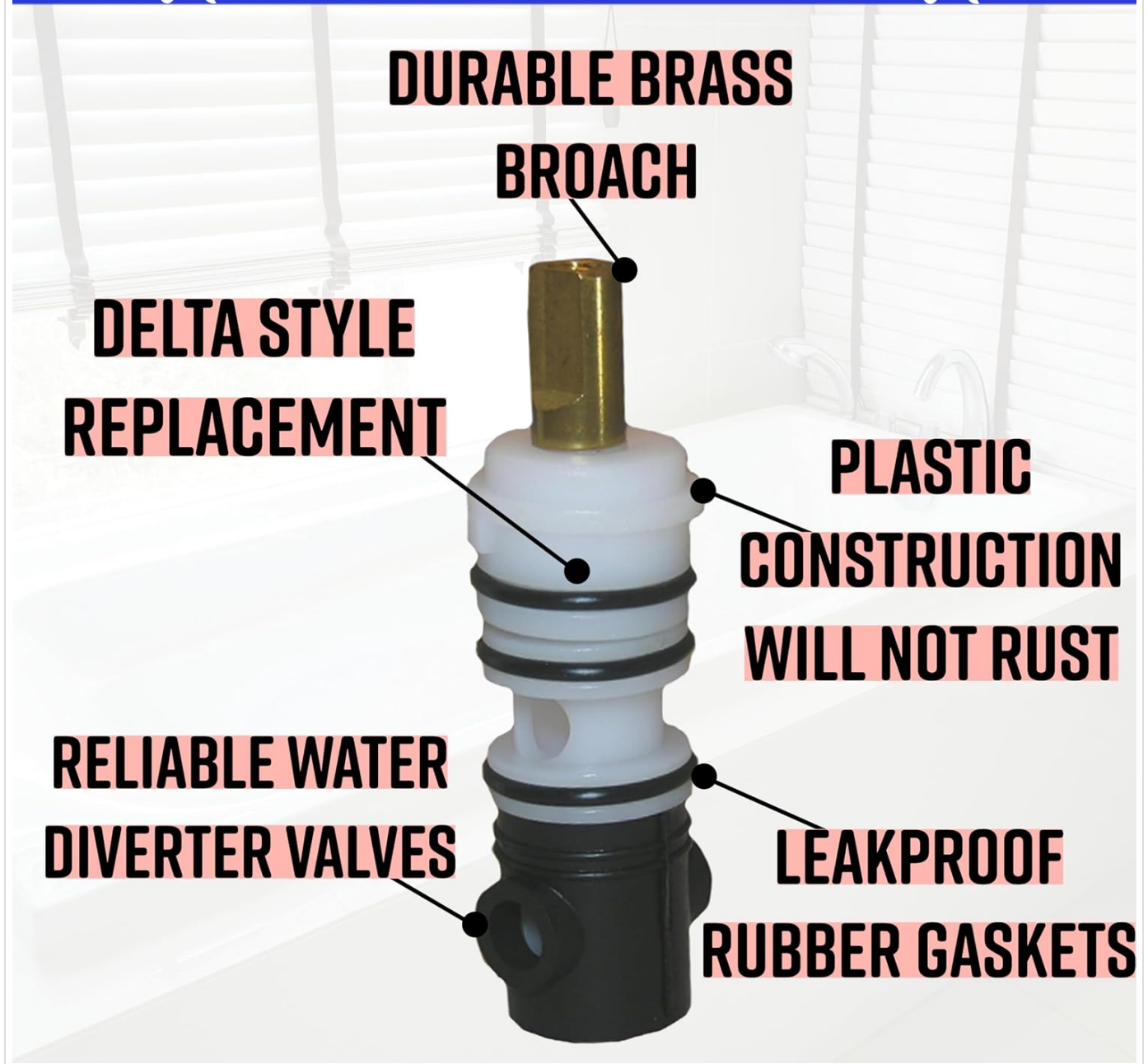


Figure 2.1: The LASCO S-735-4T Import Diverter Stem, showcasing its plastic body and brass broach.

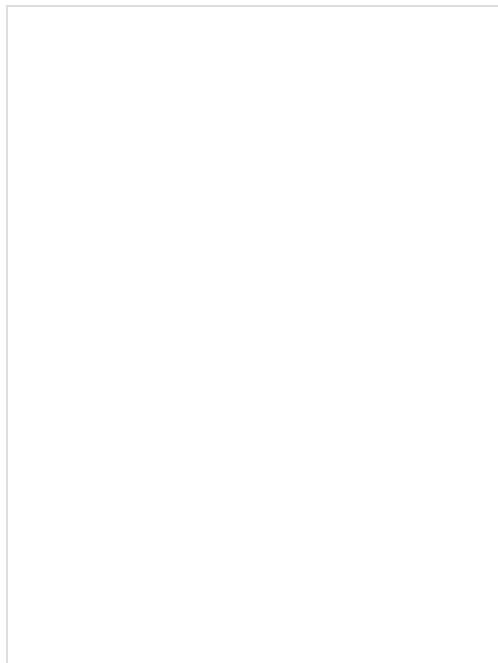


Figure 2.2: Detailed view of the LASCO S-735-4T Diverter Stem highlighting its durable brass broach, plastic construction, Delta style replacement design, reliable water diversion, and leakproof rubber gaskets.



Video 2.1: An official LASCO brand video providing an overview of the company's commitment to quality plumbing parts and products.

3. INSTALLATION INSTRUCTIONS

This section outlines the steps for replacing an existing diverter stem with the LASCO S-735-4T. Professional installation is recommended if you are unfamiliar with plumbing repairs. Always ensure the water supply is turned off before beginning any work.

Required Tools:

- Adjustable wrench or pliers
- Screwdriver (Phillips or flathead, depending on handle screws)
- Plumber's grease (silicone-based)
- Clean cloth

Step-by-Step Guide:

1. **Turn Off Water Supply:** Locate the main water shut-off valve for your home or the specific bathroom and turn it off. Open the faucet to drain any remaining water from the lines.
2. **Remove Faucet Handle and Trim:** Use a screwdriver to remove the screw securing the diverter handle. Pull the handle off. Then, remove any decorative trim or escutcheon plates to expose the valve body.
3. **Unscrew Old Diverter Stem:** Using an adjustable wrench or pliers, carefully unscrew the old diverter stem from the valve body. Turn counter-clockwise. Be prepared for residual water to drain.
4. **Clean Valve Body:** Use a clean cloth to wipe away any debris, mineral deposits, or old lubricant from inside the valve body. Ensure the area is clean for a proper seal.
5. **Prepare New Diverter Stem:** Apply a thin, even layer of plumber's grease to the O-rings and threads of the new LASCO S-735-4T diverter stem. This aids in installation and ensures a good seal.
6. **Insert New Diverter Stem:** Carefully insert the new stem into the valve body. Ensure the broach (the part that connects to the handle) is correctly oriented. Screw it in clockwise by hand until snug, then tighten gently with a wrench. Do not overtighten.

7. **Reassemble Faucet:** Replace the decorative trim and escutcheon plate. Reattach the diverter handle, ensuring it engages properly with the stem's broach. Secure the handle with its screw.
8. **Restore Water Supply and Test:** Slowly turn the main water supply back on. Check for any leaks around the newly installed stem. Operate the diverter handle to ensure water flows correctly to both the tub spout and showerhead.

Import Diverter Stem Unit For 3-Handle Tub And Shower Valves



ITEM DETAILS

- ✓ **Ready for Immediate Install**
- ✓ **Universal Replacement**
- ✓ **Replace Broken or Worn Tub & Shower Stem Valve**
- ✓ **Prevents Water Leaks And Saves Money**



 **LASCO - PLUMBING TOOLS - TRUSTED FOR OVER 80 YEARS** 

Figure 3.1: Close-up of the LASCO S-735-4T Diverter Stem, useful for identifying the part during installation.

4. OPERATION

The LASCO S-735-4T diverter stem controls the water flow in a 3-handle tub and shower valve. To operate, simply turn the diverter handle (typically the center handle) to direct water. Turning it one way will send water to the tub spout, and turning it the other way will divert water to the showerhead. Ensure the handle is fully engaged in either position for optimal water flow and to prevent dripping.

5. MAINTENANCE

Regular maintenance can extend the life of your diverter stem and prevent issues.

- **Cleaning:** Periodically clean the exterior of the diverter handle and trim with a soft cloth and mild, non-abrasive cleaner. Avoid harsh chemicals that can damage the finish.
- **Lubrication:** If the diverter handle becomes stiff or difficult to turn, the stem's O-rings may require re-lubrication. This involves repeating steps 1-5 of the installation process to access and apply fresh plumber's grease to the O-rings.
- **Inspection:** Annually inspect the diverter stem for signs of wear, such as persistent dripping from the tub spout when the shower is on, or difficulty in diverting water. Replace the stem if significant wear is observed.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your diverter stem.

Problem	Possible Cause	Solution
Water drips from tub spout when shower is on.	Worn O-rings or seals on the diverter stem.	Replace the diverter stem. Ensure proper alignment and lubrication during installation.
Diverter handle is stiff or hard to turn.	Lack of lubrication on O-rings or mineral buildup.	Remove the stem and apply plumber's grease to the O-rings. Clean any mineral deposits from the valve body.
No water or low flow to showerhead/tub spout.	Diverter stem not fully engaged or obstruction.	Ensure the diverter handle is fully turned to the desired position. Check for any debris obstructing the water path.

7. SPECIFICATIONS

Detailed technical specifications for the LASCO S-735-4T Diverter Stem.

Attribute	Detail
Model Number	S-735-4T
Brand	LASCO
Material	Plastic body with Brass broach
Exterior Finish (Broach)	Brass
Item Dimensions (L x W x H)	0.88 x 0.88 x 2.9 inches
Item Weight	0.32 ounces
Inlet Connection Type	Flare
Outlet Connection Type	Flare
Number of Ports	2
Compatible Valve Handles	3
Size	1/2" or 3/8"
UPC	052151139306

8. WARRANTY AND SUPPORT

Warranty Information:

The LASCO S-735-4T Diverter Stem comes with a **1 Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For warranty claims, please retain your proof of purchase.

Customer Support:

For technical assistance, troubleshooting, or questions regarding your LASCO product, please visit the official LASCO website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question