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Moen 10089

Moen 10089 Stop Tube Installation and Maintenance Guide

For Moen Legend & Chateau Single-Handle Tub/Shower Valves

1. Product Overview

The Moen 10089 Stop Tube is a genuine replacement component designed for use with Moen Legend and Chateau single-handle tub/shower valves that feature a knob handle. This stop tube is crucial for regulating the maximum hot water temperature, preventing accidental scalding, and ensuring the proper function of your shower or tub faucet. It features a durable construction with a chrome finish, designed for easy installation and long-lasting performance.



Image 1.1: Moen 10089 Stop Tube

2. Safety Information

Please read and understand all instructions before beginning installation. Failure to follow these instructions may result in personal injury or property damage.

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

3. Package Contents

The Moen 10089 Stop Tube package typically includes:

- One (1) Moen 10089 Stop Tube

No additional tools or components are included with this replacement part. You may need standard plumbing tools for installation (e.g., screwdriver, adjustable wrench).

4. Specifications

Feature	Detail
Model Number	10089
Brand	Moen
Material	Stainless Steel / Zinc Alloy
Finish	Chrome
Product Dimensions	2.12"L x 1.25"W
Specific Uses	Shower / Tub Faucet Repair
Compatibility	Moen Legend and Chateau single-handle valves
Item Weight	0.634 ounces

5. Installation Instructions

This guide outlines the general steps for replacing a stop tube in a compatible Moen single-handle tub/shower valve. Specific valve designs may vary slightly.

1. **Turn Off Water Supply:** Locate the main water shut-off valve for your home or the specific shut-off valves for the tub/shower fixture. Turn them off completely to prevent water flow during the repair.
2. **Remove Handle and Trim:** Carefully remove the decorative handle and any trim plates or escutcheons covering the valve body. This usually involves unscrewing a set screw on the handle and then removing screws holding the trim plate.
3. **Access the Valve Cartridge:** Once the trim is removed, you will see the valve cartridge. The stop tube is typically located around or near the cartridge stem.
4. **Remove Old Stop Tube:** The old stop tube may be held in place by friction or a small clip. Gently pull or pry it off the valve stem. Note its orientation for proper installation of the new part.
5. **Install New Stop Tube:** Align the new Moen 10089 Stop Tube with the valve stem in the same orientation as the old one. Push it firmly into place until it is seated correctly. The stop tube ensures the handle rotates within the correct temperature range.
6. **Reassemble Fixture:** Reinstall the valve trim plate and handle. Ensure all screws are tightened securely, but do not overtighten.
7. **Restore Water Supply:** Slowly turn the main water supply back on. Check for any leaks around the valve area.
8. **Test Operation:** Test the tub/shower handle to ensure it operates smoothly and the temperature limits are functioning correctly.

6. Operation

The Moen 10089 Stop Tube works in conjunction with your Moen Legend or Chateau single-handle valve to control water temperature. It acts as a physical limit, preventing the handle from rotating beyond a certain point, thereby setting the maximum hot water temperature. This feature is designed to enhance safety by reducing the risk of scalding.
After installation, the handle should move smoothly from cold to hot, stopping at the preset maximum hot temperature. If the

temperature range feels incorrect, verify the stop tube's position and ensure it is fully seated.

7. Maintenance

To ensure the longevity and appearance of your Moen fixture and its components, follow these maintenance guidelines:

- **Cleaning:** Clean the visible chrome finish with a soft, damp cloth. Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish.
- **Inspection:** Periodically inspect the stop tube and surrounding valve components for any signs of wear, corrosion, or damage. While the stop tube itself is a simple mechanical part, ensuring the overall valve is in good condition is important.
- **Functionality Check:** Occasionally check the handle's temperature limiting function to ensure it still operates as intended.

8. Troubleshooting

If you encounter issues after installing the Moen 10089 Stop Tube, consider the following:

- **Handle Does Not Stop at Desired Temperature:**
  - Ensure the stop tube is correctly oriented and fully seated on the valve stem.
  - Verify that the valve cartridge itself is functioning properly. A worn cartridge might affect temperature control independently of the stop tube.
- **Water Leaks After Installation:**
  - Confirm all connections, especially those related to the valve trim and cartridge, are tightened correctly.
  - Check for damaged O-rings or seals on the cartridge (though not directly part of the stop tube replacement, these are often disturbed during the process).
- **Handle is Stiff or Difficult to Turn:**
  - Ensure the stop tube is not binding against other components.
  - Lubricate the valve stem and O-rings with silicone grease if necessary (do not use petroleum-based lubricants).

If problems persist, contact Moen customer support or a professional plumber.

9. Warranty and Support

The Moen 10089 Stop Tube is backed by Moen's One Year Limited Warranty. For detailed warranty information, product support, or to purchase additional replacement parts, please visit the official Moen website or contact Moen customer service directly.
Moen Customer Service: Refer to your original Moen product documentation or the Moen website for contact details.

10. About Moen

Moen is a leading brand in kitchen and bath fixtures, known for its commitment to quality, innovation, and design. With a focus on delivering exceptional water experiences, Moen products are engineered for reliability and style.

▶ **Watch video online**
Moen Brand Video

Video 10.1: Moen Brand Overview. This video provides a general introduction to the Moen brand and its philosophy regarding water experiences.

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