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Moen 94543

Moen 94543 Chateau Three Valve Tub and Shower Stem Extension User Manual

Brand: Moen | **Model:** 94543

1. PRODUCT OVERVIEW

The Moen 94543 is a genuine replacement stem extension designed for Moen Chateau series three-handle tub and shower valves. This component is essential for repairing or maintaining the functionality of your existing Moen Chateau faucet system, ensuring proper operation of the hot, cold, and diverter functions.



Image 1.1: The Moen 94543 Chateau Three Valve Tub and Shower Stem Extension. This image displays the complete stem extension component.

Key Features:

- **Genuine Moen Part:** Ensures compatibility and reliable performance with Moen Chateau three-handle tub and shower valves.
- **Durable Construction:** Made from metal for longevity.
- **Easy Installation:** Designed for straightforward replacement in existing systems.

2. SPECIFICATIONS

Attribute	Detail
Brand	Moen
Model Number	94543
Material	Metal
Item Weight	1.6 ounces

Product Dimensions (L x W x H)	3.12 x 0.75 x 3.12 inches
Number of Handles Supported	3
Inlet Connection Size	1.06 Inches
Inlet Connection Type	Sweat
Outlet Connection Size	1.06 Inches
Outlet Connection Type	Sweat
Specification Met	UL

3. INSTALLATION INSTRUCTIONS

This stem extension is designed for replacement in existing Moen Chateau three-handle tub and shower valve systems. Professional installation is recommended if you are unfamiliar with plumbing procedures. Always turn off the main water supply before beginning any work.

Required Tools (Not Included):

- Adjustable wrench or pliers
- Screwdriver (Phillips or flathead, depending on existing handle screws)
- Cleaning brush (e.g., toothbrush)
- Plumber's grease or silicone lubricant (often supplied with the part)

Installation Steps:

1. **Turn Off Water Supply:** Locate the main water shut-off valve for your home or the specific bathroom and turn it off. Open a faucet to relieve any remaining water pressure.
2. **Remove Existing Handle and Trim:** Carefully remove the handle, escutcheon (trim plate), and any other decorative components covering the valve stem. This usually involves unscrewing a set screw on the handle and then removing screws holding the trim plate.
3. **Remove Old Stem Extension:** Using an appropriate wrench, carefully unscrew and remove the old stem extension from the valve body. Be prepared for some residual water.
4. **Clean Valve Area:** Thoroughly clean the valve body and the area where the stem extension sits. Mineral deposits and debris can accumulate over time and affect the new part's performance or cause leaks. Use a small brush to remove any buildup.
5. **Lubricate New Stem Extension:** Apply plumber's grease or silicone lubricant to the O-rings and moving parts of the new Moen 94543 stem extension. This helps ensure smooth operation and a proper seal.
6. **Install New Stem Extension:** Carefully insert the new stem extension into the valve body and hand-tighten it. Then, use a wrench to tighten it securely, but do not overtighten.
7. **Reassemble Trim and Handle:** Reattach the escutcheon and handle in reverse order of removal. Ensure the handle operates smoothly.
8. **Restore Water Supply:** Slowly turn the main water supply back on. Check for any leaks around the newly installed stem extension.
9. **Test Operation:** Test the hot, cold, and diverter functions to ensure they operate correctly and without leaks.



Image 3.1: The Moen 94543 stem extension, often supplied with lubricant. Ensure all supplied lubricant is used during installation.

4. OPERATING INSTRUCTIONS

Once installed, the Moen 94543 stem extension facilitates the proper function of your three-handle tub and shower valve. Operate the handles as you normally would to control water flow and temperature, and to divert water between the tub spout and showerhead.

- **Hot Water Handle:** Turn to increase or decrease hot water flow.
- **Cold Water Handle:** Turn to increase or decrease cold water flow.
- **Diverter Handle:** Turn or pull to direct water flow to either the tub spout or the showerhead.

Ensure handles turn smoothly. If resistance is felt, refer to the Maintenance or Troubleshooting sections.

5. MAINTENANCE

Regular maintenance can extend the life and ensure the smooth operation of your Moen 94543 stem extension and the entire faucet system.

- **Lubrication:** If the handle becomes stiff or hard to turn, it may require re-lubrication. Turn off the water supply, remove the handle and trim, and apply plumber's grease or silicone lubricant to the stem

extension's moving parts and O-rings.

- **Cleaning:** Periodically clean the valve area and pipes to prevent mineral deposits from accumulating. Hard water can cause buildup that leads to stiffness or leaks. A small brush can be used for this purpose during re-lubrication or replacement.
- **Regular Use:** If the shower is not used frequently, operate the handles occasionally to prevent parts from seizing due to inactivity or mineral buildup.

6. TROUBLESHOOTING

Refer to the following common issues and their potential solutions:

Problem	Possible Cause	Solution
Handle is hard to turn or seized	Lack of lubrication; mineral buildup (hard water)	Turn off water, remove handle/trim, clean valve area, and apply plumber's grease to the stem extension. Ensure all supplied lubricant is used.
Leaks around the handle or valve	Improper installation; damaged O-rings; mineral deposits	Turn off water, re-check installation steps, ensure stem extension is securely tightened (do not overtighten). Clean valve area. If leaks persist, inspect O-rings for damage or consider professional assistance.
Water flow issues (low pressure, inconsistent flow)	Mineral buildup in pipes or valve components	While the stem extension itself doesn't directly control flow, mineral buildup in the surrounding valve can affect it. Clean the valve area thoroughly. Consider a whole-home water softener if hard water is a persistent issue.

7. WARRANTY AND SUPPORT

Warranty Information:

The Moen 94543 Chateau Three Valve Tub and Shower Stem Extension is backed by Moen's One Year Limited Warranty. This warranty covers defects in material and manufacturing for a period of one year from the date of purchase. Please retain your proof of purchase for warranty claims.

Customer Support:

For further assistance, technical support, or warranty claims, please visit the official Moen website or contact Moen customer service. You can find more information and diagrams on their website to aid in installation and troubleshooting.

Moen Official Website: www.moen.com

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