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> Moen 100742 Widespread Valve Body Kit for Hydrolock (Hot) - Instruction Manual

## Moen 100742

# Moen 100742 Widespread Valve Body Kit for Hydrolock (Hot) - Instruction Manual

Model: 100742 | Brand: Moen

## INTRODUCTION

This document provides comprehensive instructions and information regarding the Moen 100742 Widespread Valve Body Kit for Hydrolock, specifically designed for hot water applications. This genuine Moen replacement part is engineered to restore the functionality of your existing plumbing fixtures, ensuring reliable performance and ease of use. It is an authentic Moen component, ensuring compatibility and quality.

## PRODUCT OVERVIEW

The Moen 100742 is a widespread valve body kit intended for the hot water side of a Hydrolock faucet system. It is a crucial component for controlling hot water flow and temperature in compatible Moen widespread faucets. This part is designed for repair and replacement, offering a solution for problematic plumbing fixtures without requiring a complete faucet overhaul.

- **Includes one valve body:** A complete unit for hot water control.
- **Authentic Moen replacement part:** Ensures compatibility and adherence to Moen's quality standards.
- **Ideal for repairing problematic plumbing fixtures:** Designed to fix issues with hot water flow or temperature regulation.
- **Designed for hassle-free installation:** Engineered for straightforward replacement.
- **Used for hot handle:** Specifically for the hot water side of a widespread faucet.
- **No finish to product:** The valve body is an internal component and does not feature an external finish.



Figure 1: Moen 100742 Widespread Valve Body Kit. This image displays the valve body, which is an internal component of a faucet system, designed for controlling hot water flow.

## SETUP AND INSTALLATION

Installation of the Moen 100742 Widespread Valve Body Kit requires basic plumbing knowledge and tools. If you are unfamiliar with plumbing repairs, it is recommended to consult a qualified professional to ensure proper installation and prevent potential water damage.

1. **Turn off Water Supply:** Locate the main water shut-off valve for your home or the specific shut-off valves for the faucet you are working on. Turn them off completely to prevent water flow.
2. **Drain Faucet Lines:** Open the faucet handles to drain any remaining water from the lines.
3. **Access the Existing Valve Body:** Depending on your faucet model, you may need to remove the faucet handles, escutcheons, and potentially other components to access the existing hot water valve body. Refer to your specific faucet's instruction manual for detailed disassembly steps.
4. **Disconnect Water Lines:** Carefully disconnect the hot water supply line from the existing valve body. Be prepared for

residual water.

5. **Remove Old Valve Body:** Unscrew or unclip the old hot water valve body from its mounting position.
6. **Install New Valve Body:** Position the new Moen 100742 valve body in place. Ensure all connections are secure and properly aligned. Connect the hot water supply line to the new valve body.
7. **Reassemble Faucet:** Reattach any removed faucet components, such as handles and escutcheons, following your faucet's specific instructions.
8. **Restore Water Supply:** Slowly turn the main water supply back on. Check for any leaks around the newly installed valve body and connections.
9. **Test Faucet:** Operate the hot water handle to ensure proper flow and temperature control.

**Note:** Always use appropriate tools and safety precautions during installation. Do not overtighten connections, as this can damage components.

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## OPERATING INSTRUCTIONS

The Moen 100742 Widespread Valve Body functions as the internal mechanism for controlling the hot water flow in your compatible Moen widespread faucet. Once properly installed, its operation is integrated with your faucet's hot water handle.

- **Hot Water Control:** Turning the hot water handle of your faucet will actuate this valve body, allowing hot water to flow through the faucet spout.
- **Temperature Regulation:** The valve body works in conjunction with the faucet's handle to regulate the temperature of the hot water delivered.
- **Flow Control:** The degree to which the handle is opened or closed directly controls the volume of hot water flowing.

No direct user interaction with the valve body itself is required after installation; its function is entirely managed by the faucet's external controls.

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## MAINTENANCE

The Moen 100742 valve body is designed for durability and long-term performance. Regular maintenance of your overall faucet system can help extend the life of internal components like this valve body.

- **Regular Cleaning:** Keep the external parts of your faucet clean to prevent mineral buildup that could affect handle operation.
  - **Check for Leaks:** Periodically inspect under the sink for any signs of leaks around the valve body connections. Address any leaks promptly to prevent further damage.
  - **Water Quality:** In areas with hard water, mineral deposits can accumulate over time. While the valve body is robust, a water softener system can help reduce mineral buildup in your plumbing.
  - **Avoid Harsh Chemicals:** When cleaning external faucet components, avoid abrasive cleaners or harsh chemicals that could damage finishes or internal seals.
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## TROUBLESHOOTING

If you experience issues with your hot water flow after installing or using the Moen 100742 valve body, consider the following

troubleshooting steps:

- **No Hot Water or Low Flow:**

- Ensure the main hot water supply is fully open.
- Check for any kinks or obstructions in the hot water supply line.
- Verify that the valve body is correctly seated and all connections are secure.
- Mineral buildup in the aerator or supply lines can restrict flow; clean or flush these components.

- **Leaking from Faucet Base or Handles:**

- Tighten any loose connections around the valve body and supply lines, but do not overtighten.
- Inspect O-rings and seals for damage or improper seating. Replace if necessary.
- Ensure the faucet body is properly sealed to the countertop.

- **Difficulty Turning Handle:**

- Mineral deposits can cause stiffness. Disassemble the handle and clean any visible buildup.
- Ensure the handle is correctly aligned and not binding against other faucet components.

If these steps do not resolve the issue, contact Moen customer support or a qualified plumber.

## SPECIFICATIONS

Attribute	Detail
Manufacturer	Moen Incorporated
Part Number	100742
Item Weight	0.16 ounces
Product Dimensions	5 x 0.5 x 8.62 inches
Item Model Number	100742
Color	N/A or Unfinished
Style	Replacement Part
Finish	Unfinished
Material	Brass
Item Package Quantity	1
Number Of Pieces	1
Included Components	Replacement Parts or Service Kit
Batteries Included?	No
Batteries Required?	No
Date First Available	October 10, 2010

## WARRANTY INFORMATION

The Moen 100742 Widespread Valve Body Kit is backed by **Moen's One Year Limited Warranty**. This warranty covers defects in material and manufacturing under normal use and service. For specific terms, conditions, and to make a warranty claim, please refer to the official Moen warranty documentation or contact Moen customer support.

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## CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact Moen customer service. You can typically find contact information on the official Moen website or within the packaging of your original Moen faucet.

**Online Resources:** Visit the official Moen website for product registration, FAQs, and additional support materials.

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## OFFICIAL MOEN BRAND VIDEO

Your browser does not support the video tag.

Video 1: Moen Brand Video. This video provides an overview of the Moen brand, its commitment to water experiences, and its position as a leading faucet brand.

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