

Bosch 00422245

Bosch 00422245 Hot Water Inlet Instruction Manual

Genuine OEM Part for Bosch Washers

1. INTRODUCTION

This instruction manual provides essential information for the installation, operation, and maintenance of the Bosch 00422245 Genuine OEM Hot Water Inlet. This component is designed to control the flow of hot water into your Bosch washing machine, ensuring proper functionality. Please read this manual thoroughly before proceeding with any installation or maintenance.

2. SAFETY INFORMATION

WARNING: Prior to any installation, maintenance, or repair, always disconnect the appliance from all utilities (power and water supply). Failure to do so can result in serious injury or property damage.

- Always wear appropriate personal protective equipment, such as gloves and eye protection.
- Ensure the work area is clear and well-lit.
- If you are unsure about any step, consult a qualified appliance technician.
- Do not attempt repairs beyond your skill level.

3. PRODUCT OVERVIEW

The Bosch 00422245 Hot Water Inlet is a genuine Original Equipment Manufacturer (OEM) part. It is engineered to exact specifications to ensure compatibility and reliable performance with your Bosch washer. This valve regulates the hot water supply entering the washing machine drum during cycles requiring hot water.



Figure 1: Bosch 00422245 Hot Water Inlet Valve. This image displays the white plastic body of the valve with a threaded inlet connection at the top, a smaller outlet barb at the bottom, and an attached solenoid coil with electrical connectors on the side. A label with part numbers is visible on the solenoid.

Note: The appearance of the updated Hot Water Inlet may differ slightly from the original part in your appliance.

4. COMPATIBLE WASHER MODELS

This Bosch 00422245 Hot Water Inlet is compatible with the following Bosch washer models:

- WFMC3200 UC/01
- WFMC6400 UC/01
- WFXD5200 UC/01
- WFXD8400 UC/01

Always verify compatibility with your specific appliance model before purchasing and installing parts.

5. INSTALLATION INSTRUCTIONS

The following steps outline the general procedure for replacing the hot water inlet valve. Specific washer designs may vary, but the core process remains similar. It is recommended to replace both hot and cold water valves simultaneously if they are of similar age.

Required Tools:

- Torx screwdriver
- Pliers
- Flat-head screwdriver
- Bucket or towels for water spillage
- New hose washers (optional, but recommended)

Procedure:

1. **Disconnect Utilities:** Unplug the washing machine from the electrical outlet and turn off both the hot and cold water supply valves at the wall.
2. **Access the Top Panel:** Locate and remove the two Torx screws on the upper corners at the back of the washer.
3. **Remove Top Panel:** Slide the top panel of the washer backward and then lift it off to expose the internal components.
4. **Disconnect Water Hoses:** Place a bucket or towels behind the washer to catch any residual water. Disconnect the hot water supply hose from the back of the washer. Use pliers to loosen and remove the hose clamp from the black rubber hose connected to the hot water inlet valve inside the washer, then pull the hose off the valve.
5. **Remove Old Valve:** The water inlet valves typically snap into place. Identify the flat side with the locking tab on the valve. Use a flat-head screwdriver to push in this tab while simultaneously sliding the valve sideways, away from the side that has a V-shape, to release it from its mounting.
6. **Install New Valve:** Align the new Bosch 00422245 Hot Water Inlet valve with the mounting slot and push it firmly until it snaps securely into place.
7. **Reconnect Hoses:** Reattach the black rubber hose to the new valve and secure it with the hose clamp. Reconnect the external hot water supply hose to the back of the washer. Hand-tighten, then give an additional quarter turn. Avoid overtightening.
8. **Inspect and Clean:** While the hoses are off, inspect them for wear and tear. Consider replacing hose washers and cleaning any screens in the hose ends or at the washer's inlet.
9. **Replace Top Panel:** Carefully place the top panel back onto the washer, slide it forward, and secure it with the two Torx screws.
10. **Restore Utilities and Test:** Turn on the hot and cold water supply valves. Plug the washer back into the electrical outlet. Run a short cycle to check for leaks and proper operation.

6. OPERATION

The Bosch 00422245 Hot Water Inlet operates automatically in conjunction with your washing machine's control system. When a wash cycle requires hot water, the washer's control board sends an electrical signal to the solenoid within the inlet valve, causing it to open and allow hot water to flow into the drum. Once the required water level or temperature is reached, the solenoid de-energizes, closing the valve and stopping the water flow.

7. MAINTENANCE

Regular maintenance of the hot water inlet valve itself is generally not required. However, it is advisable to

periodically check the following:

- **Water Supply Hoses:** Inspect the hot water supply hose for any signs of cracks, bulges, or leaks. Replace hoses every 3-5 years as a preventative measure.
- **Inlet Screens:** The inlet ports on the washer often have small screens to filter sediment from the water supply. Periodically check and clean these screens to prevent blockages that could affect water flow.
- **Connections:** Ensure all water connections remain tight to prevent leaks.

8. TROUBLESHOOTING

If you experience issues related to hot water supply in your Bosch washer, the hot water inlet valve may be a contributing factor. Common symptoms include:

- **No Hot Water:** If the washer is not filling with hot water, the solenoid in the valve may have failed and is not opening.
- **Continuous Hot Water Fill:** If the washer continuously fills with hot water even when turned off or unplugged, the valve may be stuck in the open position.
- **Leaking:** Leaks around the valve or its connections could indicate a faulty valve body or loose connections.

Before replacing the valve, ensure that the hot water supply to your home is active and that the hot water shut-off valve for the washer is fully open. If these checks do not resolve the issue, replacement of the hot water inlet valve may be necessary.

9. SPECIFICATIONS

Feature	Specification
Part Number	00422245
Brand	Bosch
Material	Plastic (body), Stainless Steel (internal components)
Item Weight	4.5 ounces
Product Dimensions (L x W x H)	6 x 4 x 6 inches
Inlet Connection Size	4 Inches
Inlet Connection Type	National Pipe Tapered
Outlet Connection Type	NPT
Number of Ports	1

10. WARRANTY AND SUPPORT

As a Genuine Bosch OEM part, the 00422245 Hot Water Inlet is manufactured to high-quality standards. For specific warranty information, please refer to the documentation provided with your original Bosch appliance or contact Bosch customer support directly. Using genuine OEM parts helps ensure the longevity and proper functioning of your appliance.

For further assistance or to locate authorized service providers, please visit the official Bosch Home Appliances website or contact their customer service department.