

## Kohler GP1092203

# KOHLER GP1092203 UltraGlide Cold Valve Instruction Manual

Model: **GP1092203**

## 1. INTRODUCTION

---

The KOHLER GP1092203 UltraGlide Cold Valve is a genuine replacement part specifically engineered for Kohler widespread faucets manufactured from 2011 to the present. This valve incorporates advanced UltraGlide technology, designed to prevent water from contacting the valve stem. This innovative approach significantly minimizes wear, reduces the potential for mineral buildup, and enhances the overall durability and leak prevention capabilities of your faucet.

## 2. PRODUCT OVERVIEW

---

The GP1092203 UltraGlide Cold Valve is a critical component for maintaining the optimal performance of your Kohler faucet. Key features include:

- **Genuine Kohler Part:** Ensures compatibility and reliability with Kohler faucet systems.
- **UltraGlide Design:** Water flows through the valve without touching the stem, eliminating common leak paths and protecting internal components from water wear and mineral buildup.
- **Durable Construction:** Engineered for longevity and consistent performance.
- **NSF Compliant:** Meets strict standards with  $\leq 0.25\%$  lead content.



**Image 2.1:** Comparison of Previous Valve Design and UltraGlide Design. The UltraGlide design prevents water from contacting the O-ring, reducing wear and potential leak paths.

**UltraGlide** . Featuring Dry Stem Valve Technology

Previous Valve



GP77006-RP

UltraGlide Valve



GP1092203-Cold  
GP1092204-Hot  
(Non-Reversible)

The new UltraGlide valve cartridge is marked with purple paint on the brass valve stem. It can also be identified by the black plastic nut (compared to the metal appearance of the previous valve design). You will notice this difference when the handle/bonnet has been removed.

**Service Considerations**

- The new UltraGlide valve body with cartridge can be retrofitted to existing faucets, but is not compatible with the previous valve body design.
- As with all KOHLER faucets, there will be a tag on the cold water inlet of the valve body to indicate the cold side, model number and date of manufacture.

**Service Parts**

Valve Style	Cold	Hot
UltraGlide Valve Cartridge	GP1092203	GP1092204
UltraGlide Lavatory Valve Body with Cartridge	1131482	1131481
UltraGlide Kitchen Valve Body with Cartridge	1159620	1159621
UltraGlide Bidet Valve Body with Cartridge	1159622	1159623

**Image 2.2:** Visual comparison of the previous valve cartridge (GP77006-RP) and the new UltraGlide valve cartridge (GP1092203-Cold). The UltraGlide valve features a black plastic nut and a purple paint mark on the brass stem for identification.

### 3. IMPORTANT SAFETY INFORMATION

Always observe the following safety precautions when working with plumbing fixtures:

- **Turn Off Water Supply:** Before beginning any installation or maintenance, ensure the main water

supply to the faucet is completely shut off.

- **Wear Eye Protection:** Protect your eyes from debris or splashes.
- **Use Appropriate Tools:** Ensure you have the correct tools for the job to prevent damage to the valve or faucet.
- **Consult a Professional:** If you are unsure about any step, consult a qualified plumber.

## 4. SETUP AND INSTALLATION

---

This section outlines the general steps for replacing a cold valve cartridge. Specific faucet models may vary, so always refer to your faucet's original installation guide if available.

### 4.1. Pre-Installation Check

Before installing, verify that you have the correct valve for your faucet. The GP1092203 is designed for newer Kohler widespread faucets (2011-present) that typically use a plastic-bodied valve. If your existing valve is all brass and copper, you may require the K-GP77006-RP model instead. Disassemble your faucet to confirm the existing valve type before proceeding.

### 4.2. Installation Steps

1. **Shut Off Water Supply:** Locate and turn off the cold water supply valve under the sink or the main water supply to your home.
2. **Drain Faucet:** Open the faucet handle to relieve any remaining water pressure and drain residual water.
3. **Remove Faucet Handle:** Carefully remove the faucet handle according to your faucet model's instructions. This usually involves unscrewing a set screw or prying off a decorative cap.
4. **Access Valve Cartridge:** Remove any retaining nuts, screws, or clips that secure the existing valve cartridge in place.
5. **Remove Old Valve:** Gently pull out the old cold valve cartridge. Note its orientation for reference.
6. **Install New Valve:** Insert the new KOHLER GP1092203 UltraGlide Cold Valve into the faucet body, ensuring it is correctly seated and oriented. The new UltraGlide valve can be identified by a purple paint mark on the brass stem and a black plastic nut.
7. **Secure Valve:** Reinstall any retaining nuts, screws, or clips to secure the new valve cartridge. Do not overtighten.
8. **Reassemble Faucet:** Reattach the faucet handle and any other components removed during disassembly.
9. **Restore Water Supply:** Slowly turn on the cold water supply valve.
10. **Check for Leaks:** Inspect all connections for any signs of leaks. Run the faucet for a few moments to ensure proper operation and check for drips.

## 5. OPERATING INSTRUCTIONS

---

The UltraGlide Cold Valve controls the flow of cold water to your faucet. Once installed, the valve operates in conjunction with your faucet handle. Turning the faucet handle will open or close the valve, regulating the cold water output and temperature when mixed with hot water.

## 6. MAINTENANCE

---

The KOHLER GP1092203 UltraGlide Cold Valve is designed for minimal maintenance due to its innovative design that protects internal components from water exposure. However, regular checks can help ensure its

longevity:

- **Regular Inspection:** Periodically check around the base of your faucet and under the sink for any signs of leaks or moisture.
- **Clean Faucet Exterior:** Keep the exterior of your faucet clean to prevent mineral buildup that could affect handle movement.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners or harsh chemicals on your faucet, as these can damage finishes and potentially affect valve components.

## 7. TROUBLESHOOTING

---

If you encounter issues after installing your UltraGlide Cold Valve, consider the following:

- **Leaks from Faucet Base:**
  - Ensure all connections are tight but not overtightened.
  - Verify the valve is correctly seated within the faucet body.
  - Check if the correct valve model (GP1092203) was installed for your faucet. An older faucet might require a different valve (e.g., K-GP77006-RP).
- **Stiff Faucet Handle:**
  - Mineral buildup on external faucet components can cause stiffness. Clean the faucet thoroughly.
  - Ensure the valve was installed correctly and is not binding.
- **No Water Flow or Reduced Flow:**
  - Confirm the main water supply and the cold water shut-off valve under the sink are fully open.
  - Check for any obstructions in the faucet aerator.

If problems persist, it is recommended to contact Kohler Customer Support or a qualified plumber.

## 8. SPECIFICATIONS

---

Attribute	Detail
Model Number	GP1092203
Brand	Kohler
Material	Brass
Item Dimensions (L x W x H)	2.75 x 0.75 x 0.75 inches
Item Weight	1.44 ounces
Inlet Connection Size	0.25 Inches
Outlet Connection Size	0.75 Inches
Number of Ports	2
UPC	650531922243

## 9. WARRANTY INFORMATION

---

As a genuine Kohler part, the GP1092203 UltraGlide Cold Valve is covered by Kohler's standard warranty for replacement parts. For specific warranty terms, conditions, and duration, please refer to the official Kohler website or contact Kohler customer support directly. Proof of purchase may be required for warranty claims.

## 10. CUSTOMER SUPPORT

---

For further assistance, technical support, or to inquire about warranty claims, please contact Kohler Customer Service through their official channels. You can find detailed contact information, including phone numbers and online support options, by visiting the official Kohler website:

[Visit Kohler Official Website](#)