

Kohler GP1068030

KOHLER GP1068030 Fill Valve for One-Piece Toilets Instruction Manual

Model: GP1068030

[Introduction](#)

[Safety Information](#)

[Product Overview](#)

[Setup &](#)

[Installation](#)

[Operation](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

[Warranty & Support](#)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the KOHLER GP1068030 Fill Valve. This genuine Kohler part is designed specifically for low-profile one-piece toilets with flex connections, including models such as San Raphael, Rialto, and Revival. Please read these instructions thoroughly before beginning installation to ensure proper function and safety.

2. SAFETY INFORMATION

- Always turn off the water supply to the toilet before attempting any installation or maintenance.
- Wear appropriate personal protective equipment, such as gloves and eye protection, during installation.
- Ensure all connections are secure to prevent leaks.
- If you are unsure about any step, consult a qualified plumber.
- This product is intended for use with potable water systems only.

3. PRODUCT OVERVIEW

The KOHLER GP1068030 Fill Valve is a replacement part for specific Kohler one-piece toilets. It is constructed from durable plastic and designed for efficient water filling.

3.1 Components Included

- KOHLER GP1068030 Fill Valve Assembly
- Mounting Nut and Washer



Image 1: The KOHLER GP1068030 Fill Valve assembly, showing its main components including the float, shank, and adjustment screw.





Image 2: The KOHLER GP1068030 Fill Valve as it appears in its retail packaging, highlighting it as a genuine Kohler part.

4. SETUP & INSTALLATION

Follow these steps to replace your existing fill valve with the KOHLER GP1068030. Ensure the water supply is turned off before proceeding.

1. **Turn off Water Supply:** Locate the shut-off valve for your toilet, typically on the wall or floor behind the toilet, and turn it clockwise until the water flow stops completely.
2. **Flush Toilet:** Flush the toilet to empty the tank. Hold the flush handle down to drain as much water as possible.
3. **Remove Remaining Water:** Use a sponge or towel to remove any remaining water from the toilet tank.
4. **Disconnect Water Supply Line:** Unscrew the water supply line from the bottom of the old fill valve. Have a small bucket ready to catch any residual water.
5. **Remove Old Fill Valve:** Loosen and remove the large nut on the underside of the toilet tank that secures the old fill valve. Carefully lift the old fill valve out of the tank.
6. **Install New Fill Valve:** Insert the new KOHLER GP1068030 Fill Valve into the hole at the bottom of the toilet tank. Ensure the rubber washer is properly seated on the shank inside the tank.
7. **Secure New Fill Valve:** From the underside of the tank, thread the plastic mounting nut onto the shank of the new fill valve. Hand-tighten the nut firmly. Do not overtighten, as this can damage the plastic components.
8. **Connect Water Supply Line:** Reconnect the water supply line to the bottom of the new fill valve. Hand-tighten, then use a wrench to gently tighten an additional quarter turn. Avoid overtightening.
9. **Turn on Water Supply:** Slowly turn the water supply valve counter-clockwise to restore water flow to the toilet. Check for any leaks at the connections.
10. **Check for Leaks:** Observe the fill valve and connections for several minutes to ensure there are no leaks.

5. OPERATION

The fill valve automatically refills the toilet tank after each flush. The water level is adjustable to optimize flushing performance and water usage.

5.1 Adjusting Water Level

The water level in the toilet tank can be adjusted using the screw located at the top of the fill valve. This adjustment controls the height of the float, which in turn determines when the fill valve shuts off.

- To **raise** the water level: Turn the adjustment screw clockwise with a Phillips head screwdriver.
- To **lower** the water level: Turn the adjustment screw counter-clockwise with a Phillips head screwdriver.

- Adjust the water level so it is approximately 1 inch below the top of the overflow tube, or to the water line marked inside your toilet tank.

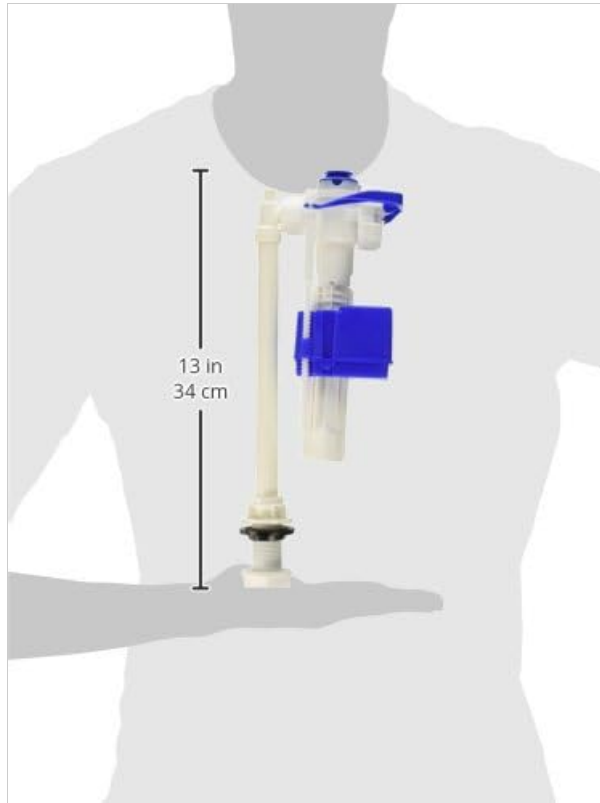


Image 3: The KOHLER GP1068030 Fill Valve illustrating its approximate dimensions, useful for confirming fit within the toilet tank.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your fill valve.

6.1 Routine Cleaning

Over time, mineral deposits can accumulate inside the fill valve, potentially affecting its performance. The GP1068030 fill valve is designed for easy cleaning.

1. **Turn off Water Supply:** Turn off the water supply to the toilet.
2. **Flush Toilet:** Flush the toilet to empty the tank.
3. **Disassemble Valve Top:** Gently twist the top cap of the fill valve counter-clockwise to remove it.
4. **Inspect and Clean:** Inspect the rubber diaphragm and internal components for mineral buildup or debris. Rinse components under running water. For stubborn deposits, a soft brush or a mild descaling solution can be used.
5. **Reassemble Valve:** Carefully reassemble the valve, ensuring the diaphragm is correctly seated and the top cap is securely twisted back into place.
6. **Restore Water Supply:** Turn the water supply back on and check for proper operation and leaks.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Toilet runs continuously or cycles on and off.	Water level too high, float obstructed, or debris in valve.	Adjust water level (see Section 5.1). Check for obstructions around the float. Clean the fill valve (see Section 6.1).
Toilet fills slowly.	Low water pressure, clogged water supply line, or debris in valve.	Check household water pressure. Ensure water supply valve is fully open. Clean the fill valve (see Section 6.1).
Water leaks from tank bottom.	Loose mounting nut or damaged washer.	Ensure mounting nut is hand-tightened. Inspect and replace washer if damaged.

8. SPECIFICATIONS

Model Number: GP1068030

Brand: Kohler

Material: Plastic

Product Dimensions: Approximately 15.5 x 6.38 x 2.31 inches (39.4 x 16.2 x 5.9 cm)

Installation Type: Floor Mounted (referring to the toilet type, not the valve itself)

Certifications: ASME, ANSI, OSHA, UPC, IAPMO (as per product data)

UPC: 885612353276

9. WARRANTY & SUPPORT

As a KOHLER Genuine Part, the GP1068030 Fill Valve is designed and manufactured to Kohler's high standards, ensuring compatibility and performance with Kohler products. Using genuine parts helps protect the warranty of your Kohler toilet.

For specific warranty details or technical support, please refer to the official Kohler website or contact Kohler customer service directly. Contact information can typically be found on the Kohler website or in the documentation provided with your original toilet fixture.

Online Resources: www.kohler.com/serviceparts

