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> KOHLER 1007488 Fill Valve Assembly User Manual

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Model: 1007488

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your KOHLER 1007488 Fill Valve Assembly. This assembly is designed for use in KOHLER toilet tanks to regulate water flow and ensure proper tank filling. Please read these instructions carefully before beginning installation or performing any maintenance.

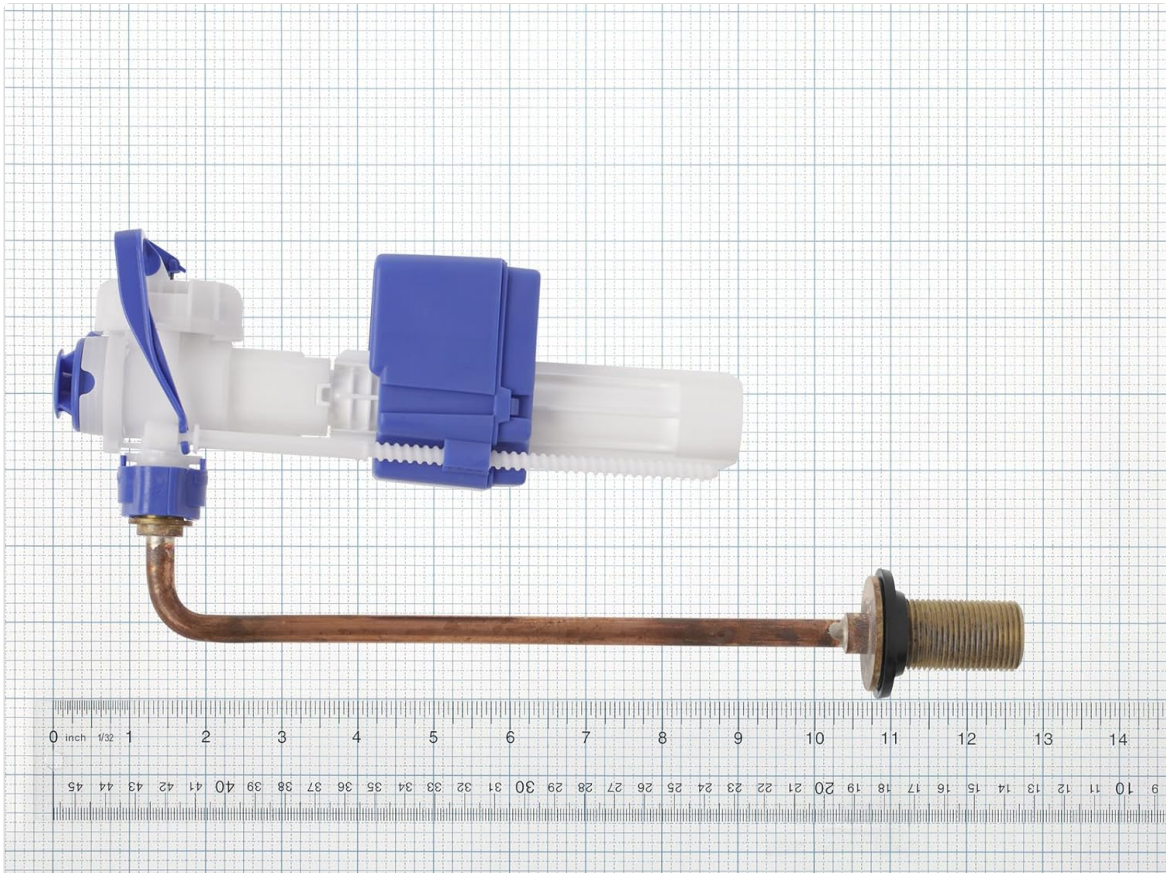


Image 1: The KOHLER 1007488 Fill Valve Assembly, showing its components including the plastic valve body and copper inlet tube, measured against a grid.

SAFETY INFORMATION

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

- **Turn off water supply:** Before starting any work, locate and turn off the main water supply to the toilet or the entire house.
- **Wear protective eyewear:** Protect your eyes from debris or splashing water.
- **Prepare for water spillage:** Have towels or a bucket ready to catch any residual water from the tank or supply line.
- **Do not overtighten connections:** Overtightening plastic components can cause damage and leaks.
- **Consult a professional:** If you are unsure about any step, consult a qualified plumber.

INSTALLATION INSTRUCTIONS

This section outlines the steps for replacing an existing fill valve. Ensure the water supply is turned off before proceeding.

- 1. Prepare the Toilet:**
 - Turn off the water supply valve located at the wall behind the toilet.
 - Flush the toilet to drain most of the water from the tank.
 - Use a sponge or towel to remove any remaining water from the tank.
 - Disconnect the water supply line from the bottom of the old fill valve.
- 2. Remove the Old Fill Valve:**
 - Unscrew the mounting nut from the underside of the toilet tank that secures the old fill valve.
 - Carefully lift the old fill valve out of the tank.
- 3. Install the New Fill Valve:**
 - Insert the new KOHLER 1007488 Fill Valve Assembly into the hole at the bottom of the toilet tank. Ensure the valve is properly seated.
 - From the underside of the tank, thread the new mounting nut onto the fill valve shank. Hand-tighten the nut, then use a wrench to tighten it an additional 1/4 to 1/2 turn. *Do not overtighten.*
- 4. Connect Water Supply:**
 - Connect the water supply line to the bottom of the new fill valve. Hand-tighten, then use a wrench to tighten an additional 1/4 turn.
- 5. Restore Water Supply and Check for Leaks:**
 - Slowly turn on the water supply valve.
 - Allow the tank to fill and check all connections for leaks. Tighten slightly if necessary.
- 6. Adjust Water Level:**
 - Refer to the "Operating Instructions" section for details on adjusting the water level.

OPERATING INSTRUCTIONS

The KOHLER 1007488 Fill Valve automatically refills the toilet tank after each flush. The water level in the tank is adjustable to optimize flush performance and water usage.

Adjusting the Water Level

To adjust the water level in the toilet tank:

1. Remove the toilet tank lid.
2. Locate the water level adjustment mechanism on the fill valve. This typically involves a clip or screw that allows the float cup to move up or down along the valve shaft.
3. To increase the water level, move the float cup upwards. To decrease the water level, move the float cup downwards.
4. Flush the toilet and observe the new water level. The water level should be approximately 1 inch below the top of the overflow tube.
5. Repeat adjustments as necessary until the desired water level is achieved.

MAINTENANCE

Regular maintenance helps ensure the longevity and proper function of your fill valve.

- **Periodic Inspection:** Annually inspect the fill valve for any signs of wear, cracks, or mineral buildup.
- **Cleaning:** If mineral deposits are observed, turn off the water supply, remove the fill valve, and gently clean components with a soft brush and mild cleaner. Avoid harsh chemicals that could damage plastic parts.
- **Check for Leaks:** Periodically check for leaks around the base of the fill valve and the water supply line connection.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Toilet runs continuously or cycles on and off.	Water level is too high, float cup is stuck, or fill valve is faulty.	Adjust water level (see Operating Instructions). Ensure float cup moves freely. Inspect fill valve for damage; replace if necessary.
Tank fills slowly or not at all.	Water supply valve partially closed, clogged fill valve, or low water pressure.	Ensure water supply valve is fully open. Turn off water, drain tank, and check for debris in the inlet screen. Clean if clogged. Check household water pressure.
Water leaks from the base of the fill valve.	Loose mounting nut or damaged gasket.	Turn off water, drain tank, and gently tighten the mounting nut. If leak persists, replace the gasket or the entire fill valve.

SPECIFICATIONS

- **Model Number:** 1007488
- **Brand:** Kohler
- **Material:** Plastic
- **Product Dimensions:** 12.75 x 6 x 2.25 inches (L x W x H)
- **Item Weight:** 1 pound
- **Inlet Connection Type:** Compression
- **Number of Ports:** 2
- **Included Components:** KOHLER K-1007488 Fill Valve Assembly
- **UPC:** 087206807572

WARRANTY AND SUPPORT

For specific warranty information regarding your KOHLER 1007488 Fill Valve Assembly, please refer to the documentation included with your purchase or visit the official Kohler website. For technical assistance or replacement parts, contact Kohler Customer Service directly.

Kohler Official Website: www.kohler.com