

Geberit 240.501.001

Geberit Single Valve for Reservoir UP130-110.800 Instruction Manual

Model: 240.501.001

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Geberit Single Valve, model 240.501.001, specifically designed for use with Geberit UP130-110.800 concealed cisterns (reservoirs). Please read these instructions carefully before proceeding with installation or maintenance to ensure proper function and longevity of the product.

This valve is a replacement component for the internal mechanism of the specified Geberit cistern, controlling the water fill and flush functions.

2. PRODUCT OVERVIEW



Figure 1: Geberit Single Valve, model 240.501.001. This image displays the complete valve assembly, including the main body, fill mechanism, and flush components, ready for installation into a compatible cistern.

The Geberit Single Valve 240.501.001 is a critical component for the efficient operation of your toilet cistern. It manages the water inlet and outlet, ensuring correct water levels and effective flushing. Its design is optimized for the Geberit UP130-110.800 reservoir system.

3. SETUP AND INSTALLATION

Important: Installation should only be performed by a qualified professional or an individual with appropriate plumbing

experience. Ensure the main water supply to the toilet is turned off before beginning any work.

1. **Turn off Water Supply:** Locate the main water shut-off valve for the toilet and turn it clockwise until the water flow stops completely. Flush the toilet to empty the cistern.
2. **Access the Cistern:** Remove the flush plate and any necessary access panels to expose the internal components of the Geberit UP130-110.800 cistern.
3. **Remove Old Valve:** Disconnect the water supply line from the old valve. Carefully unclip or unscrew the old valve assembly from its mounting points within the cistern. Note the orientation and connections for reference.
4. **Prepare New Valve:** Inspect the new Geberit 240.501.001 valve for any damage. Ensure all seals are correctly seated.
5. **Install New Valve:** Position the new valve assembly into the cistern, ensuring it aligns with the mounting points. Secure it firmly according to the cistern's design (e.g., clip into place, tighten retaining nut).
6. **Connect Water Supply:** Reconnect the water supply line to the inlet of the new valve. Hand-tighten first, then use a wrench for a snug fit, being careful not to overtighten.
7. **Adjust Water Level:** The valve typically has an adjustment mechanism for the water fill level. Refer to the cistern's specific instructions for setting the desired water level.
8. **Restore Access:** Replace any removed access panels and the flush plate.
9. **Test Functionality:** Slowly turn the main water supply back on. Check for leaks around all connections. Allow the cistern to fill, then flush the toilet several times to ensure proper operation and water level.

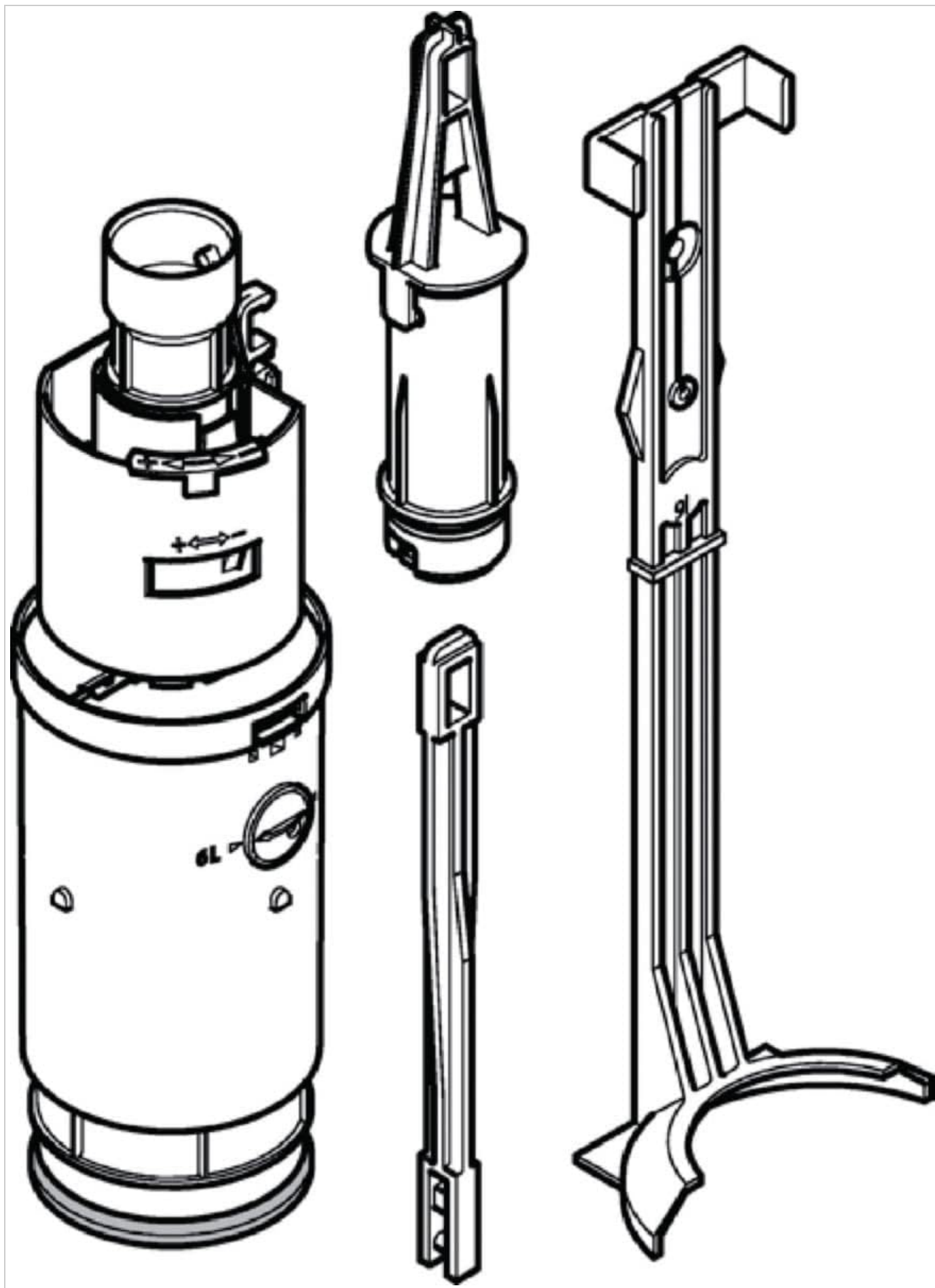


Figure 2: Exploded diagram of the Geberit Single Valve components. This illustration shows the individual parts of the valve, including the fill valve, flush valve, and mounting bracket, aiding in understanding assembly and disassembly.

4. OPERATING INSTRUCTIONS

Once correctly installed, the Geberit Single Valve operates automatically within the cistern system. Its primary functions are:

- **Water Filling:** After each flush, the valve automatically opens to refill the cistern to the preset water level. Once the level is reached, the valve closes, stopping the water flow.
- **Flushing:** When the flush button on the cistern is pressed, the valve mechanism opens to release water into the toilet bowl, initiating the flush cycle.

Ensure the flush plate is correctly installed and functioning to activate the valve's flush mechanism.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your Geberit valve.

- **Periodic Inspection:** Annually inspect the valve for any signs of wear, leaks, or mineral buildup.
- **Cleaning:** If mineral deposits (limescale) are observed, especially on the fill valve components, carefully remove the valve (following steps similar to removal in Section 3) and clean with a mild descaling solution or white vinegar. Rinse thoroughly with clean water before reinstallation.
- **Seal Replacement:** Over time, rubber seals and washers may degrade. If leaks persist after cleaning, consider replacing the relevant seals. Genuine Geberit replacement parts are recommended.
- **Water Quality:** In areas with hard water, more frequent cleaning may be necessary to prevent buildup.

6. TROUBLESHOOTING

Refer to the following table for common issues and their potential solutions:

Problem	Possible Cause	Solution
Toilet runs constantly / Water continuously flows into the bowl.	• Flapper/seal not seating correctly. • Fill valve not shutting off. • Water level set too high.	• Inspect and clean the flush valve seal. • Check for debris in the fill valve. • Adjust the water level to be below the overflow pipe.
Cistern fills slowly or not at all.	• Partially closed water supply valve. • Clogged fill valve. • Low water pressure.	• Ensure the water supply valve is fully open. • Clean the fill valve inlet screen or internal components. • Consult a plumber if water pressure is consistently low.
Weak or incomplete flush.	• Insufficient water level. • Flush valve obstruction.	• Adjust water level higher (within limits). • Inspect flush valve for debris or damage.

Problem	Possible Cause	Solution
Visible leaks from the cistern.	- Loose connections. - Damaged seals or gaskets.	- Tighten water supply connections (do not overtighten). - Inspect and replace any worn or damaged seals.

If the problem persists after attempting these solutions, contact Geberit customer support or a qualified plumber.

7. SPECIFICATIONS

Feature	Detail
Model Number	240.501.001
Compatibility	Geberit UP130-110.800 Cisterns
Material	Metal (Brass), Plastic components
Item Weight	10.6 ounces (approx. 300g)
Product Dimensions (L x W x H)	Approx. 1.97 x 0.39 x 0.39 inches (Note: These dimensions are likely for packaging or a small component. The valve itself is approximately 41 cm in height and 67 mm in diameter, as per product description.)
Inlet Connection Type	Threaded
Outlet Connection Type	NPT
Number of Ports	1
Certification	CE

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase genuine replacement parts, please contact Geberit customer service directly. Retain your proof of purchase for warranty claims. You may find additional information and contact details on the official Geberit website or through the provided catalog link: [Geberit Product Catalog](#).

ASK A QUESTION ABOUT THIS MANUAL

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question