

Geberit 240.516.00.1

Geberit Twico Dual Flush Conversion Kit Instruction Manual

MODELS: 110.700, 110.750 (REPLACEMENT MECHANISM: 240.516.00.1)

1. Introduction

This instruction manual provides comprehensive guidance for the installation, operation, and maintenance of the Geberit Twico Dual Flush Conversion Kit. This kit is designed to upgrade existing Geberit concealed cisterns, specifically models 110.700 and 110.750, from a single-flush system to a more efficient dual-flush system. By converting to dual flush, users can significantly reduce water consumption, contributing to environmental sustainability and lower utility costs.

Please read these instructions carefully before beginning the installation process to ensure proper function and longevity of the product.

2. Product Overview and Components

The Geberit Twico Dual Flush Conversion Kit (Model 240.516.00.1) includes the necessary components to transform your single-flush cistern into a dual-flush system. The kit is specifically compatible with Geberit Tinline 8 cm cisterns, models 110.700 and 110.750 (also known as UP170).

Included Components:

- Complete Twico bell mechanism
- Basin with sealing gasket
- Protection plate for support art. 115.888 and 115.894
- One actuator pin (the second pin is supplied with the dual-flush control plate)



Image 1: Overview of the Geberit Twico Dual Flush Conversion Kit components. Shown are the main flush mechanism (top), the instruction sheet (middle left), the protection plate (middle right), and the actuator rods (bottom).

Note: A dual-flush control plate (e.g., Geberit Twinline 30 series, such as model 115.899.KJ.1) is **not included** with this kit and must be purchased separately to complete the conversion.

3. Setup and Installation

Installation of the Geberit Twico Dual Flush Conversion Kit requires basic plumbing knowledge and manual dexterity. If you are unsure about any step, it is recommended to consult a qualified plumber.

3.1. Preparation

1. Turn off the water supply to the cistern.
2. Flush the toilet to empty the cistern.
3. Remove the existing single-flush control plate and any internal components of the old mechanism.

3.2. Removing the Old Mechanism

The most challenging part of the installation can be removing the old 'basin' (the base with the gasket) from the cistern, especially if it is calcified or has been in place for a long time.

- First, remove the old bell mechanism.
- To dislodge the old basin, you may need to gently rock it or use a tool to pry it loose. Some users have found success by leaving the old bell mechanism attached to the basin and rotating it to loosen calcification before pulling it out.
- If the basin is difficult to reach, a hooked tool (e.g., a modified wire hanger) may be used to hook and pull it out. Exercise caution to avoid damaging the cistern.

3.3. Installing the New Mechanism

1. Clean the cistern interior thoroughly, especially the area where the new basin will sit, to ensure a good seal.
2. Place the new basin with its sealing gasket into the cistern's outlet opening. It will initially sit loosely.
3. Insert the new Twico bell mechanism into the basin. Gently push down on the bell mechanism until the basin locks into place and the gasket forms a tight seal with the cistern.
4. Attach the protection plate (if applicable for your specific control plate model).
5. Insert the provided actuator pin into the mechanism. The second pin will be part of your new dual-flush control plate.
6. **Important:** Some users have noted that the blue hooks on the mechanism might appear misaligned with the white hooks. These can typically be rotated into the correct position for proper engagement.

3.4. Adjusting Flush Volumes

The Geberit Twico mechanism allows for adjustment of both the full and partial flush volumes:

- **Full Flush:** Typically adjustable between 6 liters and 9 liters.
- **Partial Flush:** Typically adjustable between 3 liters and 4 liters.

Refer to the detailed diagrams on the included instruction sheet for specific adjustment procedures. Adjust the volumes to suit your preference and local water-saving regulations.

3.5. Installing the Dual-Flush Control Plate

Once the internal mechanism is installed, fit your separately purchased dual-flush control plate according to its specific instructions. Ensure the actuator pins align correctly with the buttons on the control plate.

4. Operating Instructions

After successful installation of the dual-flush conversion kit and control plate, operating your toilet is straightforward:

- **Partial Flush:** Press the smaller button on your dual-flush control plate for a reduced water flush (e.g., 3 or 4 liters). This is ideal for liquid waste.
- **Full Flush:** Press the larger button for a full water flush (e.g., 6 or 9 liters). This is intended for solid waste.

The dual-flush system allows you to choose the appropriate amount of water for each use, optimizing water efficiency.

5. Maintenance

Regular maintenance ensures the optimal performance and longevity of your Geberit Twico dual-flush mechanism.

- **Cleaning:** Periodically clean the internal components of the cistern, especially if you live in an area with hard water. Mineral deposits (calcification) can affect the mechanism's movement and sealing.
- **Seal Inspection:** Check the sealing gasket of the basin periodically for wear or damage. A worn seal can lead to leaks.
- **Component Check:** Ensure all moving parts operate smoothly. If any part feels stiff or obstructed, inspect for debris or mineral buildup.

For cleaning, use mild, non-abrasive cleaners. Avoid harsh chemicals that could damage plastic or rubber components.

6. Troubleshooting

If you encounter issues with your Geberit Twico dual-flush mechanism, refer to the following common problems and solutions:

- **Problem: Water continuously runs into the toilet bowl.**

Solution: This often indicates a faulty seal on the basin or an improperly seated bell mechanism. Turn off the water supply, remove the control plate and bell mechanism, inspect the basin gasket for damage or debris, and ensure the bell mechanism is correctly seated and locked into the basin.

- **Problem: Flush buttons do not activate the mechanism.**

Solution: Check the alignment of the actuator pins with the buttons on the control plate. Ensure the pins are not bent or obstructed. Verify that the blue hooks on the mechanism are correctly aligned with the white hooks.

- **Problem: Weak or incomplete flush.**

Solution: Check the water level in the cistern. Ensure the flush volumes are correctly adjusted (see Section 3.4). Mineral buildup on the mechanism can also impede its movement; clean as necessary.

- **Problem: Difficulty removing the old basin during installation.**

Solution: Calcification is a common cause. Try rocking the old bell mechanism while it's still attached to the basin to loosen deposits. A hooked tool can assist in pulling out a stubborn basin.

- **Problem: Kit appears incomplete (e.g., only one actuator pin).**

Solution: This kit provides one actuator pin. The second pin is typically integrated into the separately purchased dual-flush control plate. This is normal.

If troubleshooting steps do not resolve the issue, it is advisable to contact a qualified plumber or Geberit customer support for further assistance.

7. Specifications

Feature	Detail
Manufacturer	GEBERIT
Model Number	240.516.00.1
Compatible Cistern Models	110.700, 110.750 (UP170)
Package Dimensions (L x W x H)	35.1 x 17.7 x 9.5 cm
Item Weight	560 g (Package weight: 3 kg)
Quantity of Items	1
Batteries Required	No
ASIN	B00YSHKOZM

8. Warranty and Support

Warranty information for Geberit products is typically provided with the product packaging or available on the official Geberit website. Please retain your proof of purchase for warranty claims.

For technical support, spare parts, or further assistance, please refer to the contact information provided by Geberit in your region or visit their official website.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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