GEBERIT

# Service of concealed cisterns

# Contents


## Adjustment of flush valve setting

## Service of filling- and flush valve

## Trouble shooting

# Flush valve adjustments of Geberit concealed cistern

**1. ) Flush valve types**

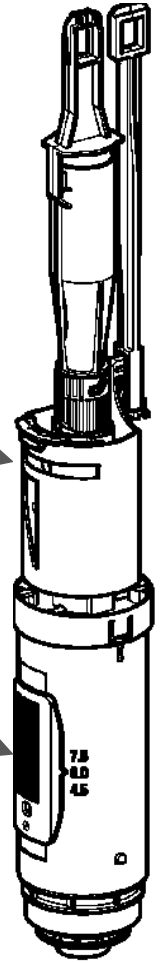
- Sigma 8cm (2016)
- Alpha 8cm



**2. ) Adjustment of flush volume**

**Flush range small**
- 3 or 4 l

**Flush range large**
- 7.5 / 6.0 / 4.5 l



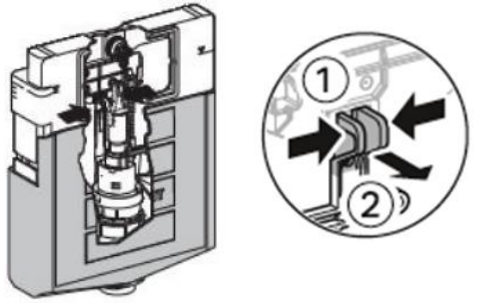

Factory setting: 6 and 3l
Flush range small: 3 - 4 l
Flush range large: 4,5 / 6 / 7,5 l



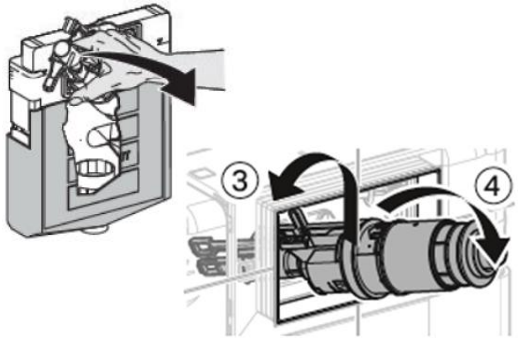
GEBERIT

# Sigma cistern 12cm

## 1. ) Dismantle of flush valve

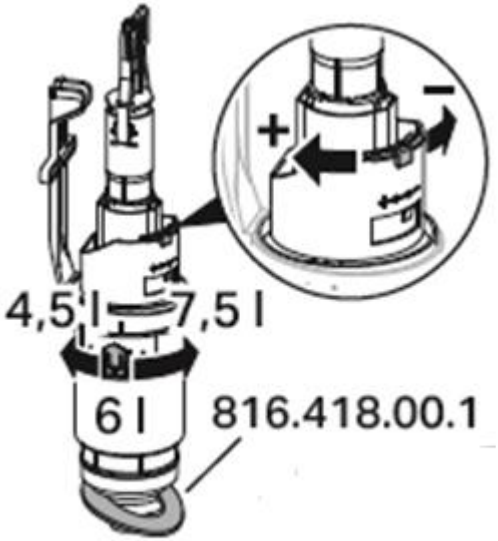



Release of holding-down clamp



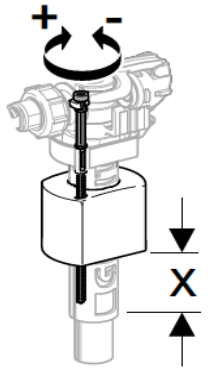

Dismantle of flush valve

## 2. ) Adjustment of flush volume






| | X |
|---|---|
| 4,5 l | 61 mm |
| 6 / 7,5 l | 71 mm |




Factory setting: 6 and 3l
Flush range small: 3 - 4 l
Flush range large: 4,5 / 6 / 7,5 l

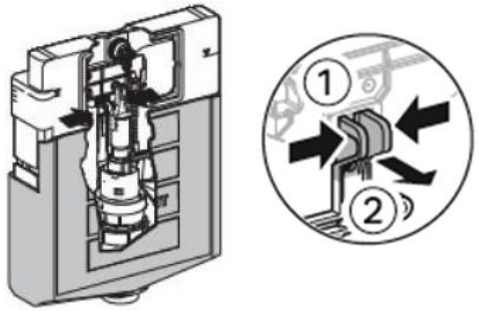
Filling valve adjustment only in case of 4,5l flush volume



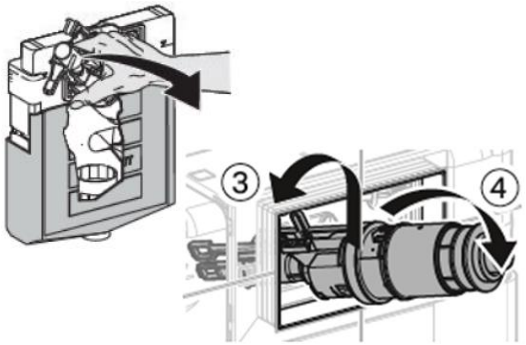
GEBERIT

# Omega

## 1. ) Dismantle of flush valve

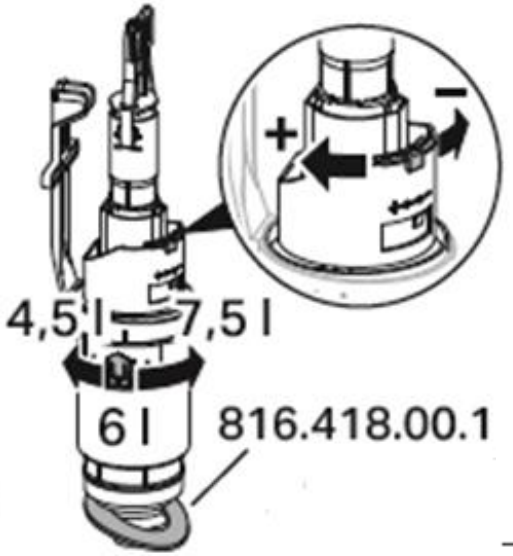



Release of holding-down clamp



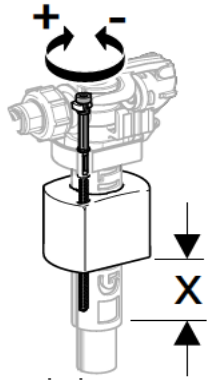

Dismantle of flush valve

## 2. ) Adjustment of flush volume






| | X |
|---|---|
| 4,5 l | 50 mm |
| 6 / 7,5 l | 60 mm |




Factory setting: 6 and 3l
Flush range small: 3 - 4 l
Flush range large: 4,5 / 6 / 7,5 l

Filling valve adjustment only in case of 4,5l flush volume

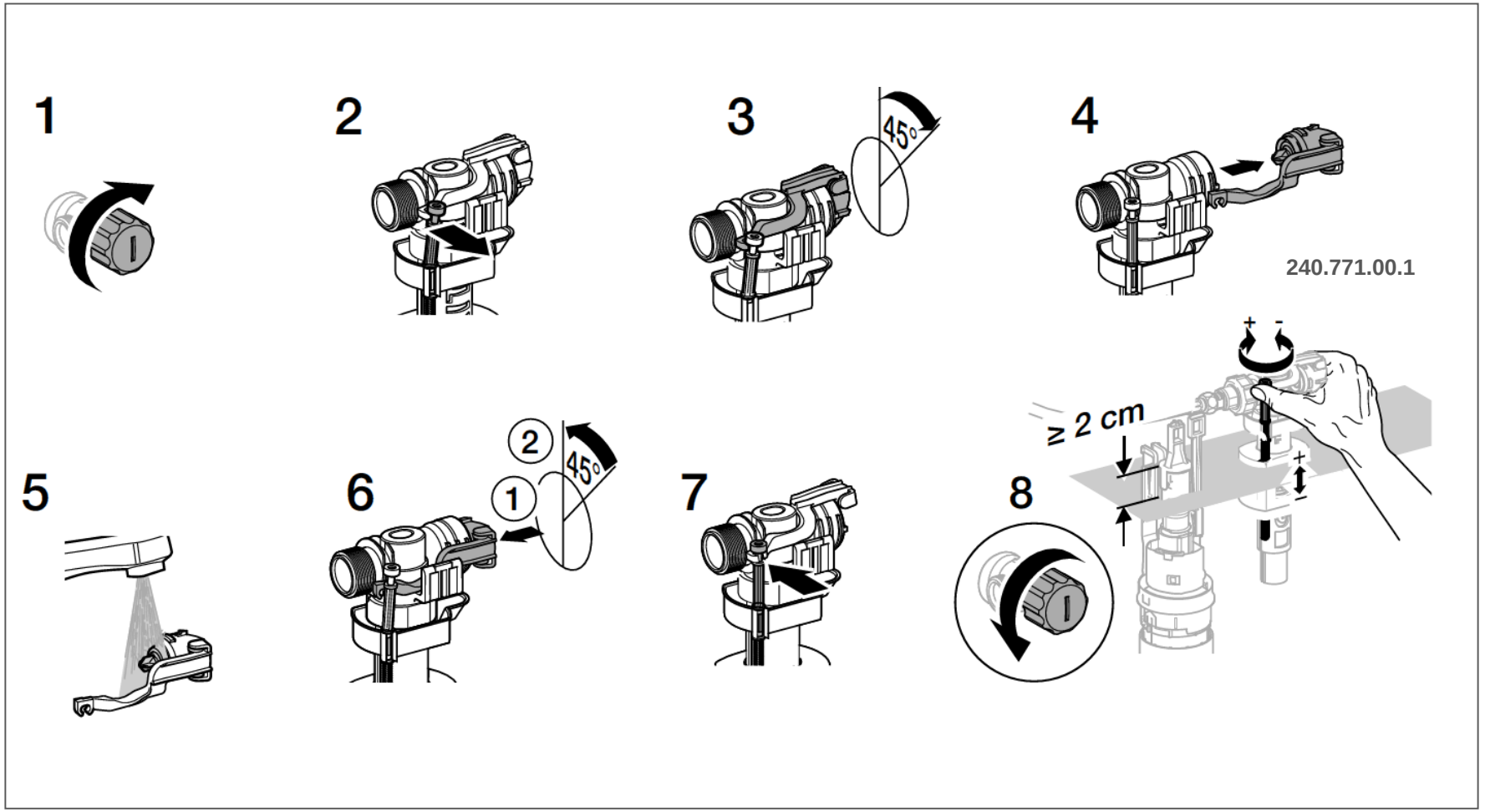
# Contents

Adjustment of flush valve setting

Service of filling- and flush valve

Trouble shooting

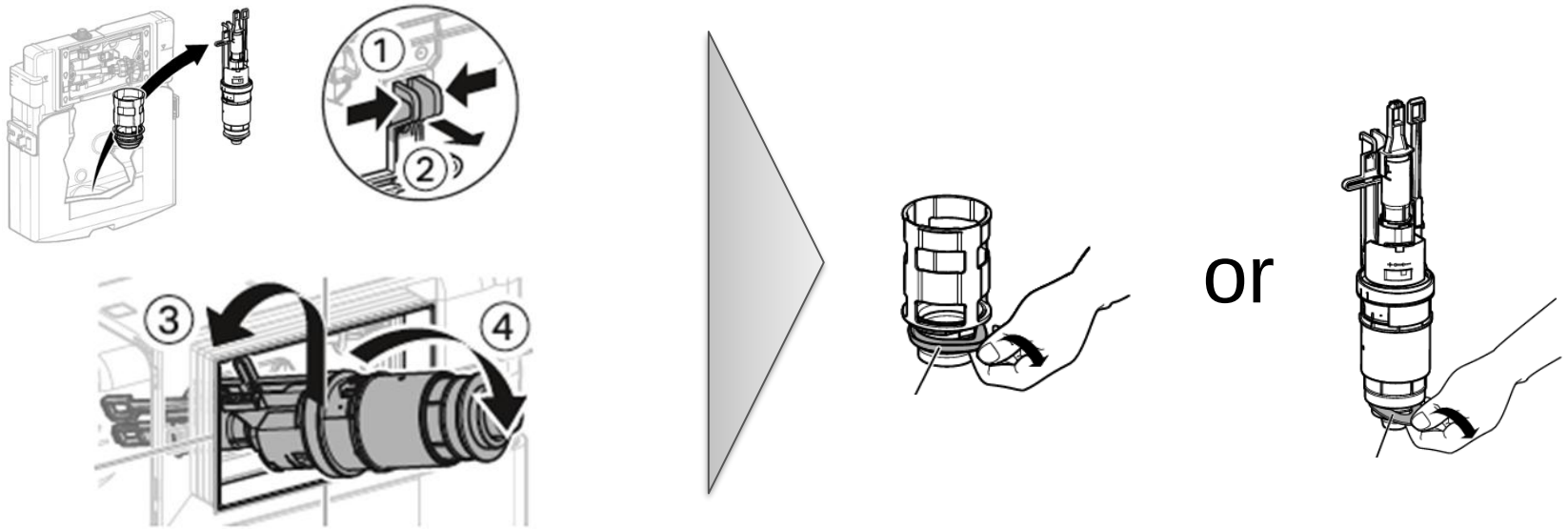
# Cleaning of filling valve & setting the water level






GEBERIT

# Replacing the seal of flush valve and gasket

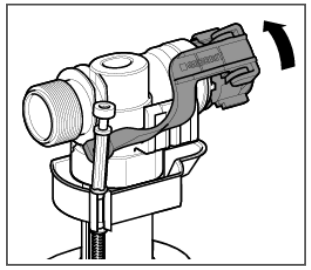


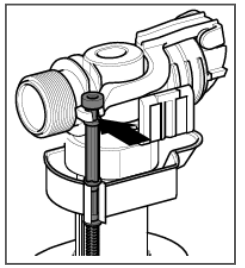

| Cistern type | Bassin | Flush valve | Bassin seal | Flush valve seal |
|---|---|---|---|---|
| Sigma 12cm (UP320) | 241.859.00.1 | 240.622.00.1 | 241.868.00.1 | 816.418.00.1 |
| Sigma 8cm (UP720) | 242.269.00.1 | 242.416.00.1 | 241.293.00.1 | 241.291.00.1 |
| Kappa (UP200) | 241.859.00.1 | 240.638.00.1 | 241.868.00.1 | 816.418.00.1 |
| Delta 12cm (UP182) | 240.500.00.1 | 240.501.00.1 | 240.282.00.1 | 816.418.00.1 |
| Delta 8cm (UP172) | 242.269.00.1 | 242.268.00.1 | 241.293.00.1 | 241.291.00.1 |

→ see also Geberit online spare parts catalogue

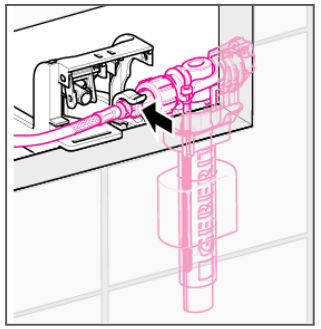
# Service test processes 1/2

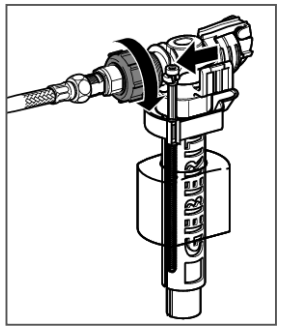
| Checking the position of the filling valve seal set | |
|---|---|
| 1 | Check whether the seal set has been screwed in clockwise up to the stop |
| 2 | Check whether the spindle is connected to the clip on the lever |
| 3 | Check whether the lever (connected to the spindle) can be moved freely |





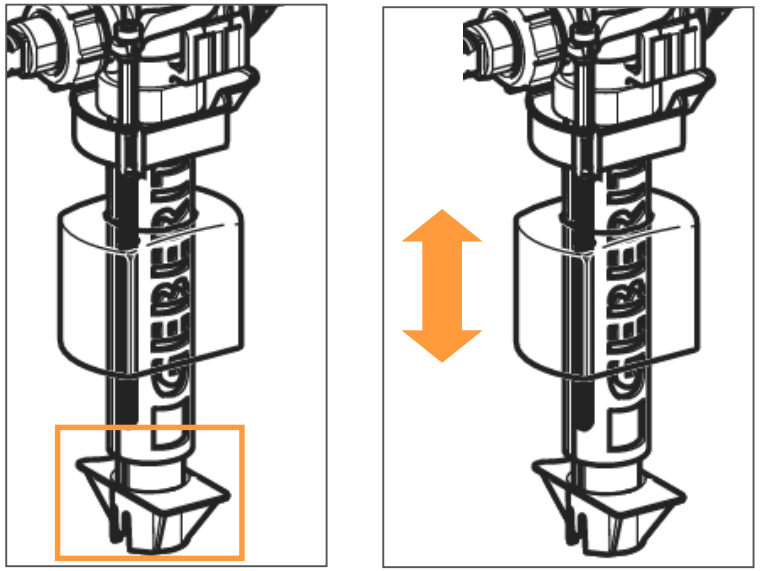
| Checking the position of the Impuls380 filling valve in the cistern | |
|---|---|
| 1 | Check whether the filling valve is fixed onto the cover |
| 2 | Check whether the union nut has been firmly tightened by hand |





# Service test processes 2/2

| Check the float moves freely | |
|---|---|
| | It must be possible to move the float and the lever connected to it freely in the cistern. It must not rub at any point, otherwise opening and closing of the filling valve can no longer be guaranteed. |
| 1 | Check whether the spacer is mounted on the inlet pipe |
| 2 | Remove the spacer from the filling valve if the spacer is integrated into the cistern's insulation against condensation |
| 3 | Lift and lower the float to check that it does not rub at any point |
| 4 | Make sure that no other moving parts in the cistern can interfere with the arc of movement of the filling valve |



# Contents

Adjustment of flush valve setting

Service of filling- and flush valve

Trouble shooting

# Fault finding

| Fault pattern | Cause | Fault clearance |
|---|---|---|
| **No flush after activation** | - Lever mechanism disconnected | → **Reconnect lever mechanism** |
| | - No water in the cistern | → **Check function of filling valve and water supply** |
| **Water is running continuously into WC** | - Water level of cistern is too heigh. Water runs over the overflow into the WC | → **Adjustment of water level in the cistern** |
| | - Leaking flat gasket on flush valve | → **Replace the flat gasket of the flush valve** |
| | - Leaking basket | → **Replace basket or seal of the basket** |
| | - Filling valve does not close | → **Replace filling valve** |
| | - Geometry of ceramic leads to few water drops after the flush actuation | → **Replace ceramic. No actions from Geberit possible** |
| | - Defective flat gasket for flush valve | → **Replace the flat gasket for flush valve** |
| **Cistern is not filling up** | - There is no or only insufficient water pressure available | → **Restore the water pressure** |
| | - Filling valve does not open | → **Check function of filling valve; fit a new one if necessary** |

# Fault finding

| Fault pattern | Cause | Fault clearance |
|---|---|---|
| **Flush volume is too small or too large** | - Actuator rods not set correctly | → **Adjust actuator rods according to installation instructions** |
| | - Water level in the cistern is too low | → **Adjust water level over filling valve** |
| | - Flush valve system is dirty | → **Clean flush valve system; fit a new one if necessary** |
| | - Flush volume ist set incorrectly | → **Correct flush volume setting on flush valve system** |
| **Water is spraying out of the top of the WC ceramic appliance during flushing** | - Flush performance is too high | → **Use damming device 240.476.00.1** |