

GEBERIT WASHBASIN TAPS PIAVE AND BRENTA



MAINTENANCE MANUAL

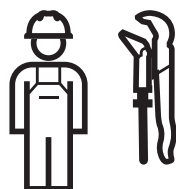


971.197.00.0(00)

**KNOW
HOW**
INSTALLED



CONNECT



Safety

About this document

This document applies to the professional maintenance of the following products:

- Geberit Piave washbasin tap, deck- and wall-mounted
- Geberit Brenta washbasin tap, deck- and wall-mounted

This document applies to the models of these washbasin taps with Bluetooth® interface. The specification plates for these washbasin taps are labelled with 'IWT-17-A' and the Geberit Connect logo.

Target group

Maintenance and repair work on this product may only be performed by skilled persons. A skilled person is a person who, due to their specialist education, training and/or experience, is able to recognise risks and avoid hazards that may arise when using the product.

Intended use

The Geberit washbasin taps Piave and Brenta are intended to extract tap water. Using them for any other purpose is deemed improper. Geberit accepts no liability for the consequences of improper use.

Explanation of warning notes

Warning notes are placed at the location at which the hazard may occur.

Warning notes are structured as follows:



WARNING

Nature and source of the hazard

Possible consequences if the hazard is ignored.

- Measures to prevent the hazard.

The following signal words are used to indicate residual hazards in warning notes and important information.

Symbol	Signal word and meaning
	CAUTION The signal word denotes a hazard with a low degree of risk which, if not avoided, could result in minor or moderate injury.
	Symbol only. Refers to important information

Safety notes

Incorrect maintenance work or repairs can result in damage or malfunctions.

- Only use original spare parts when making repairs.
- Do not modify the product or add any additional modules.

Product description

Structure of deck-mounted tap

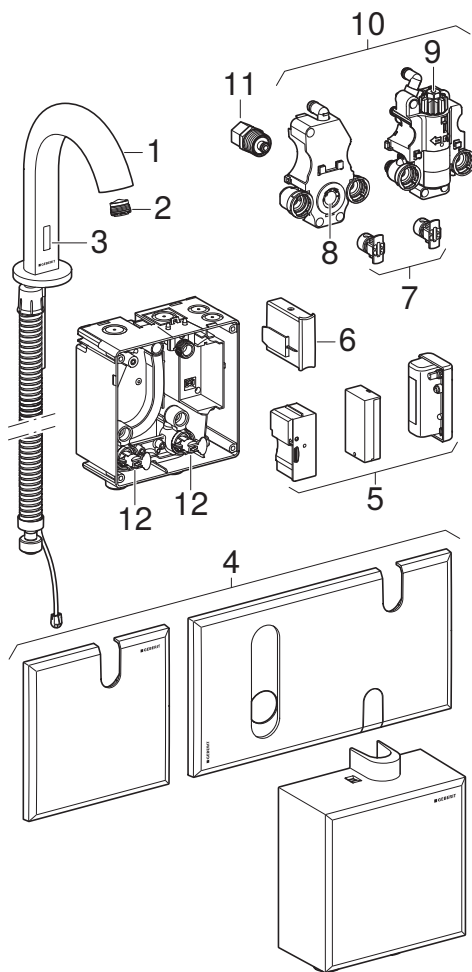


Figure 1: Geberit washbasin taps Piave and Brenta, deck-mounted

- 1 Tap housing with protecting hose
- 2 Tap aerator
- 3 IR sensor
- 4 Cover plate or cover
- 5 Power supply (power supply unit, battery compartment or rechargeable battery for generator operation)
- 6 Control electronics
- 7 Basket filter
- 8 Mixer
- 9 Thermostatic mixer
- 10 Functional unit
- 11 Solenoid valve
- 12 Shut-off units

Structure of wall-mounted tap

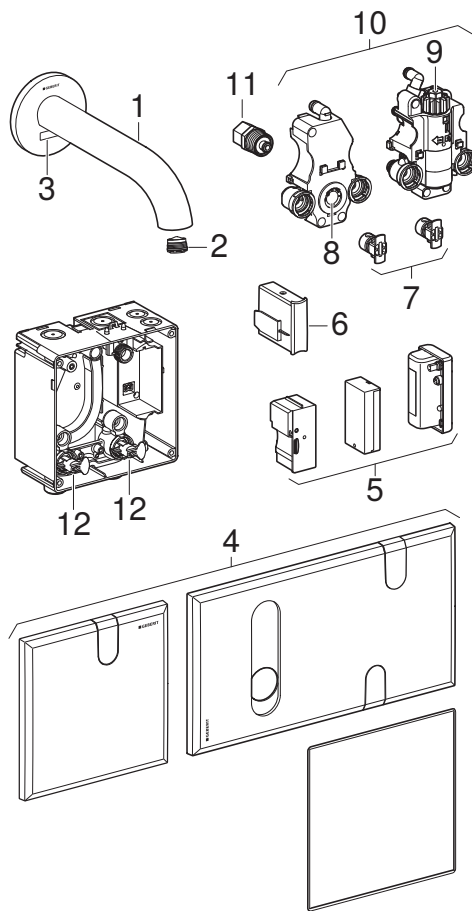


Figure 2: Geberit washbasin taps Piave and Brenta, wall-mounted

- 1 Tap housing
- 2 Tap aerator
- 3 IR sensor
- 4 Cover plate
- 5 Power supply (power supply unit, battery compartment or rechargeable battery for generator operation)
- 6 Control electronics
- 7 Basket filter
- 8 Mixer
- 9 Thermostatic mixer
- 10 Functional unit
- 11 Solenoid valve
- 12 Shut-off units

Technical data

The following technical data applies to the Geberit washbasin taps Piave and Brenta for deck and wall-mounted taps.

	Mains operation	Battery operation ¹⁾	Generator operation ²⁾
Nominal voltage	110–240 V AC	—	—
Mains frequency	50–60 Hz	—	—
Operating voltage	4.5 V DC	3 V DC	3.2 V DC
Battery type	—	Alkaline battery (1.5 V AA)	—
Power consumption	0.1 W	—	—
Operating pressure	0.5–10 bar	0.5–10 bar	2–10 bar
Recommended operating pressure with thermostatic mixer	0.5–5 bar	0.5–5 bar	—
Ambient temperature	1–40 °C	1–40 °C	1–40 °C
Storage temperature	-20–+70 °C	-20 – +70 °C	-20 – +70 °C
Maximum water temperature	60 °C	60 °C	60 °C
Maximum water temperature, short-term	90 °C	90 °C	90 °C
Water temperature, adjustment range with thermostatic mixer	20–42 °C	20–42 °C	—
Flow rate at 3 bar ³⁾	5 l/min	5 l/min	5 l/min
Wireless technology	Bluetooth® Low Energy ⁴⁾		
Frequency range	2400–2483.5 MHz		
Maximum output power	4 dBm		

— Does not apply

¹⁾ The battery service life is sufficient for around 200,000 actuations.

²⁾ When used at least 50 times per day on average for a duration of 4 s each, the washbasin tap works in a self-sustaining manner.

³⁾ Tap aerators with a flow limitation of 1.3 l/min, 1.9 l/min or 3.8 l/min are available as accessories.

⁴⁾ The Bluetooth® brand and its logos are the property of Bluetooth SIG, Inc. and are used under license by Geberit.

Simplified EU Declaration of Conformity

Geberit International AG hereby declares that the radio equipment type for Geberit washbasin taps Piave and Brenta with mains, battery or generator operation complies with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following Internet address: <https://doc.geberit.com/970895000.pdf>

Simplified UK Declaration of Conformity

Geberit International AG hereby declares that the radio equipment type for Geberit washbasin taps Piave and Brenta with mains, battery or generator operation complies with the 2017 radio equipment directive.

The full text of the UK declaration of conformity is available at the following Internet address: <https://doc.geberit.com/970896000.pdf>

Operation

Geberit Apps

Various Geberit apps are available for operation, settings and maintenance. The apps communicate with the device via a Bluetooth® interface.

The Geberit apps are available free of charge for Android and iOS smartphones in the respective App Stores.

Establishing connection with device

- ▶ Scan the QR code and follow the instructions on the landing page.

Geberit
Apps



<https://gbrt.io/dsvFD0E>

Rectifying malfunctions

The operator can perform the following measures to rectify malfunctions:

- Clean the tap aerator
- Clean the basket filter
- Replace the batteries
- Charge the rechargeable battery for generator operation

These measures are described in the operation manual 970.664.00.0.

Malfunction	Cause	Rectification
Water jet too weak	Tap aerator dirty	► Clean the tap aerator. → See operation manual 970.664.00.0.
	Basket filter clogged	► Clean the basket filter. → See operation manual 970.664.00.0.
	Pipe pressure too low	► Test pipe pressure (0.5–10 bar).
No flush actuation	Pipe pressure too low	► Test pipe pressure (0.5–10 bar).
	Network failure	► Check the power supply.
	Batteries dead or rechargeable battery empty	► Replace batteries or charge rechargeable battery for generator operation. → See operation manual 970.664.00.0.
	Washbasin tap is in cleaning mode (red LED flashes)	► Wait approx. 2 minutes.
	Detection distance not set correctly	► Optimise the detection distance.
	Interfering reflections from the washbasin	► Optimise the detection distance.
	Solenoid valve defective	► Replace the solenoid valve. → See "Replace the solenoid valve", page 14.
	IR sensor defective	► Replace IR sensor.
	Control electronics defective	► Restart the control electronics. → See Restarting the control electronics. ► Replace the control electronics.
Water runs continuously	Interfering objects in the detection range	► Remove objects from the detection range.
	Solenoid valve defective	► Replace the solenoid valve. → See "Replace the solenoid valve", page 14.
	IR sensor defective	► Replace IR sensor.
	Pipe pressure too high	► Test pipe pressure (0.5–10 bar).
	Control electronics defective	► Restart the control electronics. → See Restarting the control electronics. ► Replace the control electronics.
Unwanted flow of water, either too soon or delayed	IR window is dirty or wet	► Clean or dry the IR window.
	IR window scratched	► Replace IR sensor.
	Detection distance of the IR sensor not set correctly	► Optimise the detection distance.
	IR sensor is being adversely affected by influences in the room (mirrors, metal surfaces, glass washbasins, etc.)	► Restart the control electronics. → See Restarting the control electronics. ► Recalibrate IR sensor. → See Setting the detection distance of the IR sensor.
	Pressure fluctuations in the water net	► Install a suitable pressure regulator.

Malfunction	Cause	Rectification
Water drips from the tap housing	Leaky water way	▶ Test the water way. ▶ Replace connection hose and seals.
	Solenoid valve does not close properly	▶ Clean or replace the solenoid valve. → See "Replace the solenoid valve", page 14.
Water temperature cannot be set (only washbasin taps with a mixer or thermostatic mixer)	Dirty basket filter	▶ Clean the basket filter. → See operation manual 970.664.00.0.
	Differentiated pressure between the hot and cold water pipe is greater than 1.5bar	▶ Adjust the differentiated pressure. ▶ Install a flow limiter or a water pressure reducing valve.
	Water temperature too low or too high	▶ Test the water temperature.
Water temperature is not constant (only washbasin taps with a thermostatic mixer)	Thermostatic mixer defective	▶ Replace functional unit with thermostatic mixer. → See "Replacing the functional unit", page 11.
Water temperature is > 42°C (only washbasin taps with a thermostatic mixer)	Temperature limitation deactivated in thermostatic mixer, for example during thermal disinfection	▶ Reactivate temperature limitation. → See "Performing thermal disinfection", page 10.
	Thermostatic mixer defective	▶ Replace functional unit with thermostatic mixer. → See "Replacing the functional unit", page 11.
Red LED flashes during flush actuation	Batteries almost dead or rechargeable battery almost empty	▶ Replace batteries or charge rechargeable battery for generator operation. → See operation manual 970.664.00.0.

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Maintenance

Maintenance performed by the operator

The operator may perform the following maintenance work. → See operation manual 970.664.00.0.

- Activate cleaning with the Geberit App
- Activate continuous flush with the Geberit App
- Clean the tap housing
- Clean the tap aerator
- Adjust the water temperature
- Clean the basket filter
- Replace the batteries
- Charge the rechargeable battery for generator operation

Maintenance performed by skilled persons

The maintenance work described in the following chapters may only be performed by skilled persons.

Performing thermal disinfection

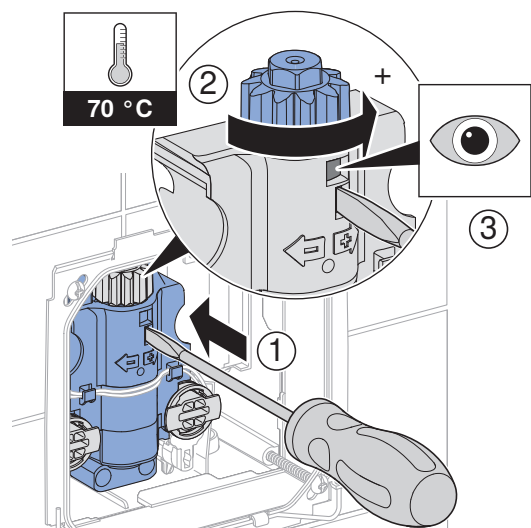
If the drinking water installation is contaminated with microorganisms, it may be necessary to disinfect the installation thermally. During this process, the microorganisms in the water are killed off by the effects of temperature.

The Geberit Piave and Brenta washbasin taps with thermostatic mixer have a scald protection feature. This limits the water temperature to 42°C. When performing a thermal disinfection, the temperature limitation feature in the thermostatic mixer must be deactivated so the water temperature can be increased.

During thermal disinfection, hot water (70°C) needs to run for at least 3 minutes at all points of use.

1 Detach the cover plate. → See figure sequence **1**, page 45.

2 Deactivate temperature limitation. Press in the spring with a screwdriver and open the hand wheel all the way.



✓ The colour in the inspection window changes to red.

3 Heat the water heater to at least 70°C.



CAUTION

Risk of scalding

Scalding due to hot water

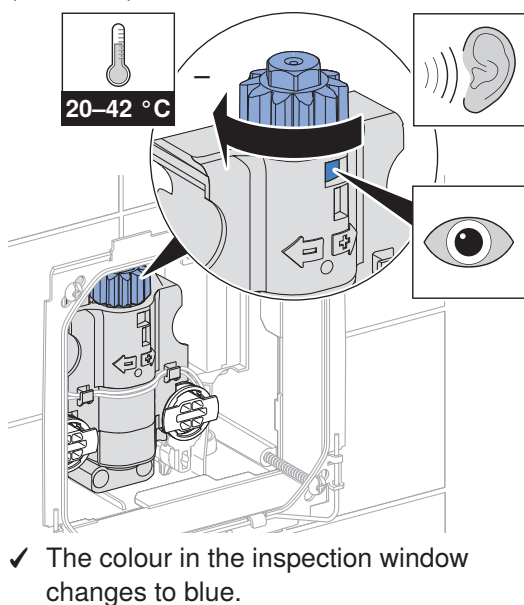
- Do not hold your hands under the washbasin tap.

4 Open the solenoid valve using the Geberit Service Handy. → See "Make settings using the Geberit Service Handy", page 33, menu item 20.

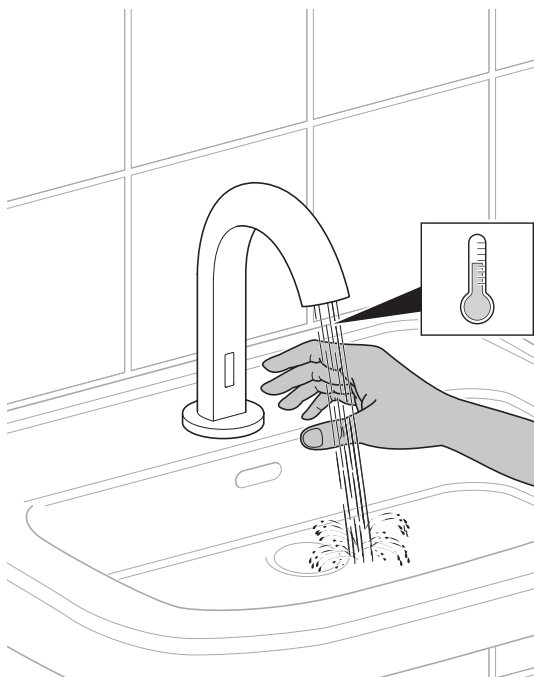
5 Make sure that hot water (70 °C) has run for at least 3 minutes. Check with a thermometer.

6 Close the solenoid valve.

7 Reactivate temperature limitation. Close the hand wheel and set the desired temperature (20–42 °C).



8 Test the water temperature.



9 Mount the cover plate. → See figure sequence **4**, page 49.

Replacing the functional unit

1 Detach the cover plate. → See figure sequence **1**, page 45.

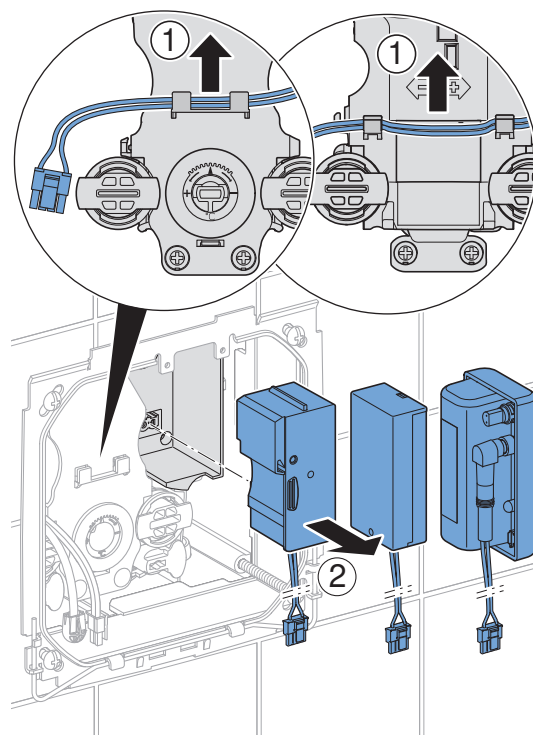
2 Close both shut-off units or angle stop valves. → See figure sequence **2**, page 47.

3 Actuate the flush to relieve the pressure.

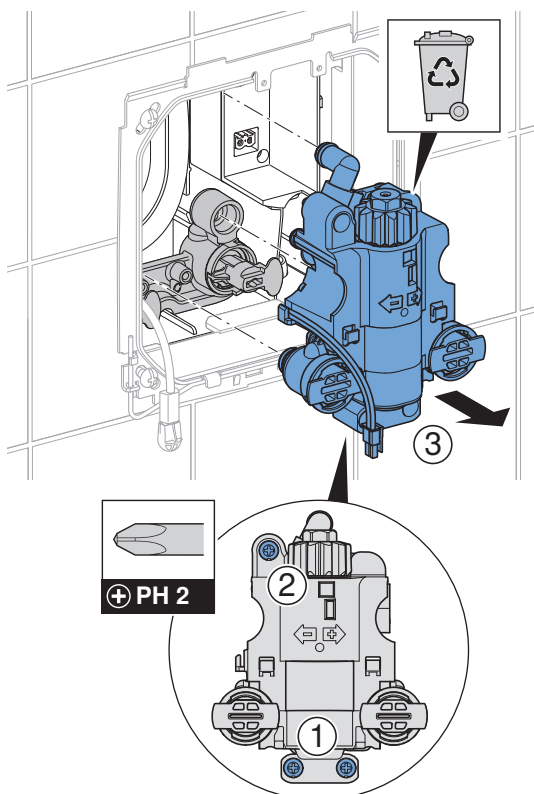
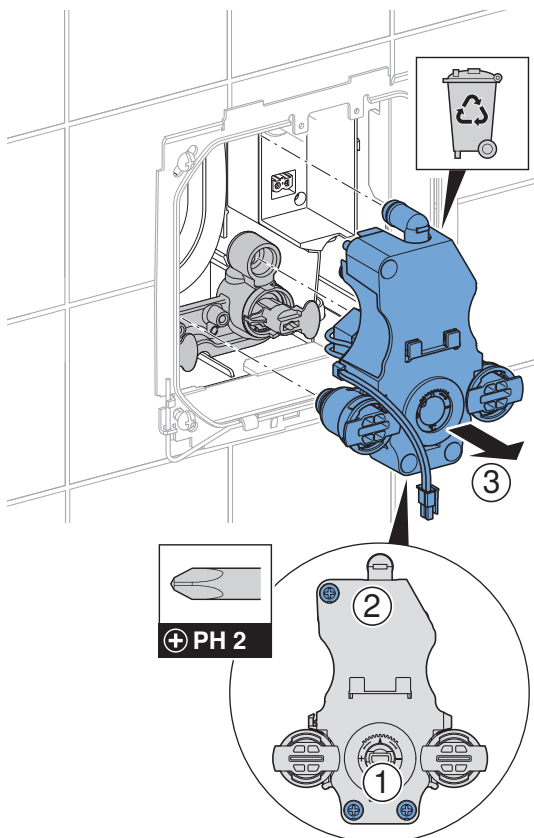
4 Demount the control electronics.

5 Disconnect all cables.

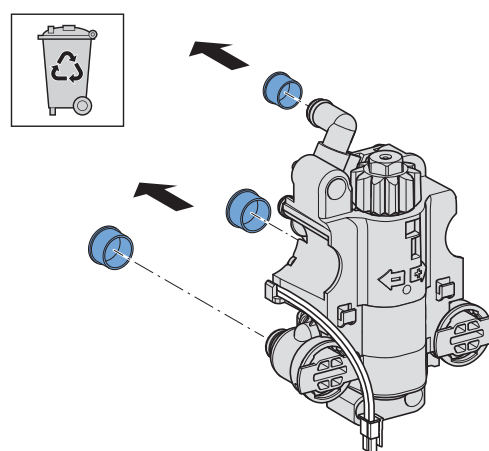
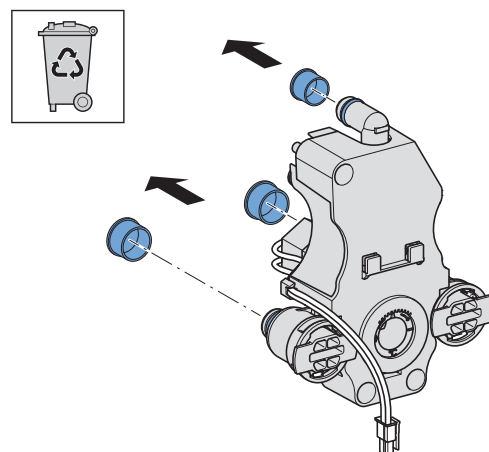
6 Remove the power supply cable from its bracket and demount the power supply unit, battery compartment or rechargeable battery.



7 Demount and dispose of the functional unit.

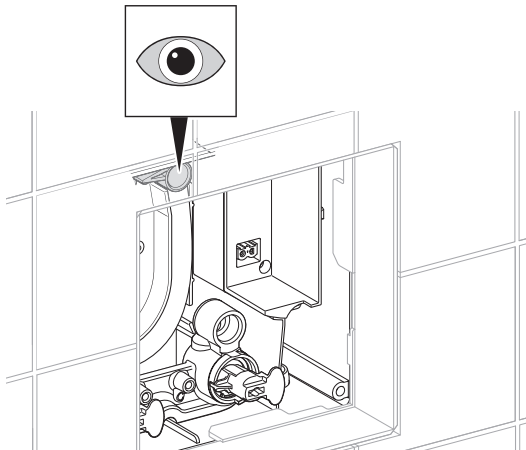


8 Remove protective caps and lubricate O-rings.

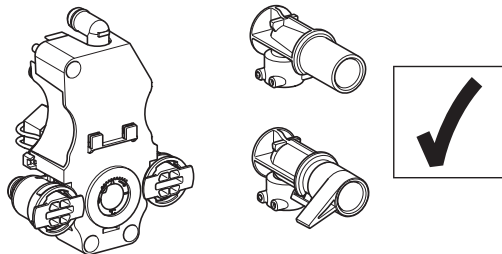




Check the hose adapter.

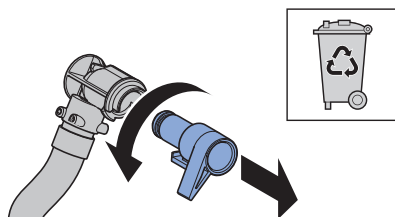
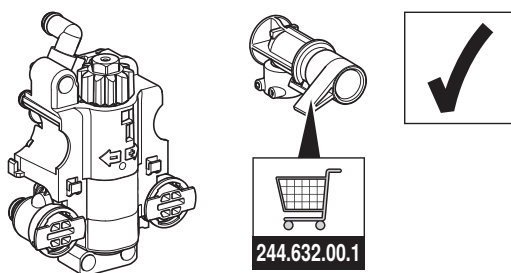


In the case of a functional unit without a thermostatic mixer, the one-piece or two-piece hose adapter may be used.



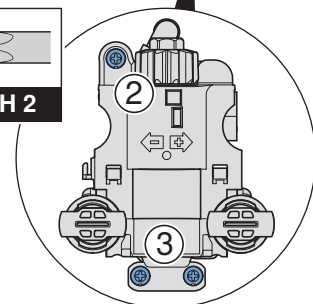
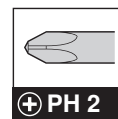
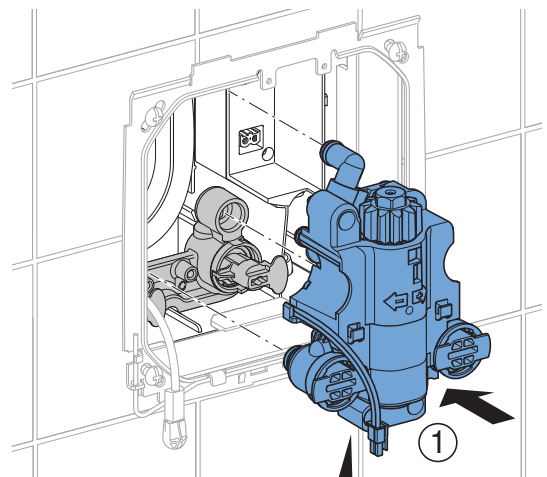
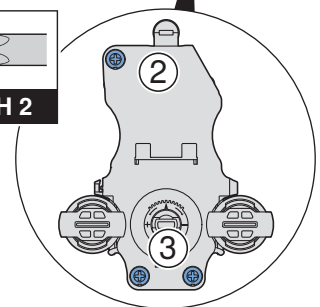
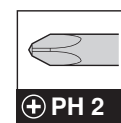
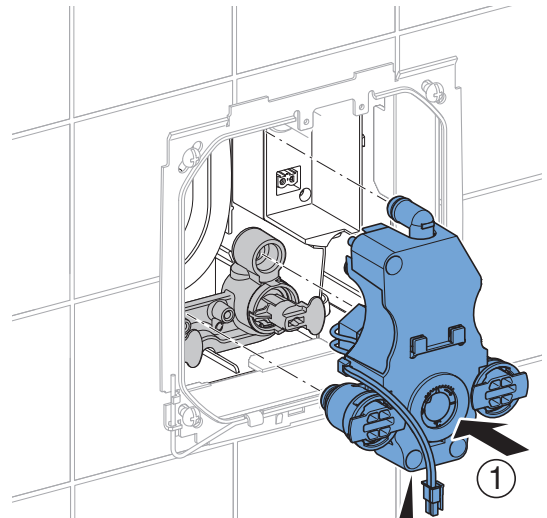
In the case of a functional unit with a thermostatic mixer, the two-piece hose adapter must be used (art. no. 244.632.00.1). Replace the hose adapter if necessary.

Detach the front part of the hose adapter.

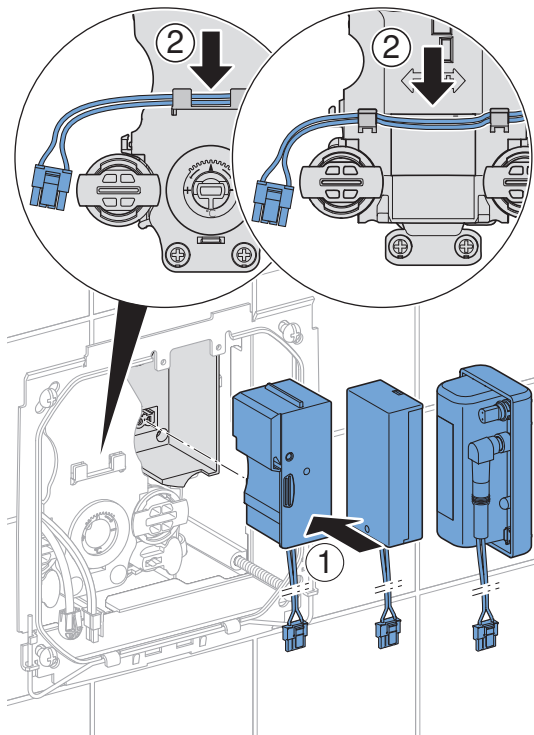


9

Mount new functional unit.



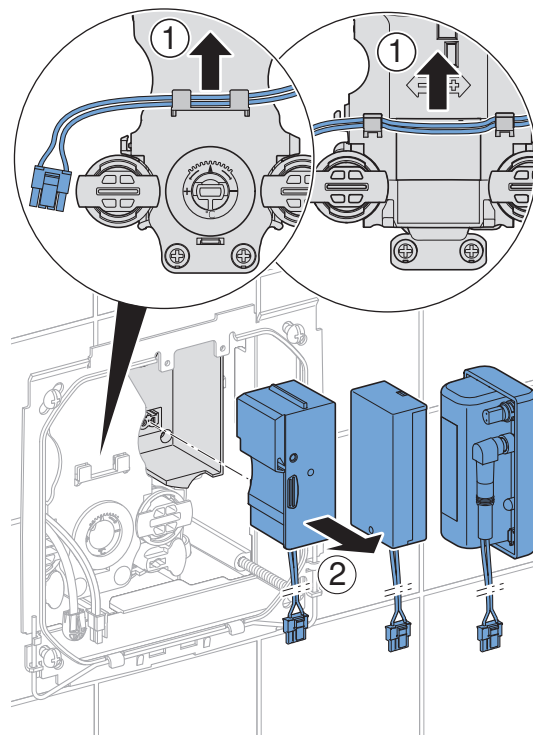
- 10** Mount the power supply unit, battery compartment or rechargeable battery and snap the power supply cable into the bracket.



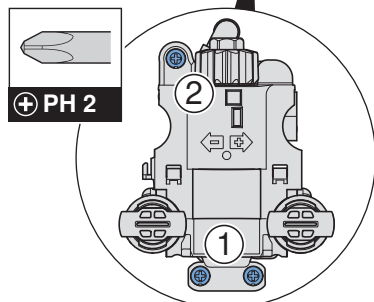
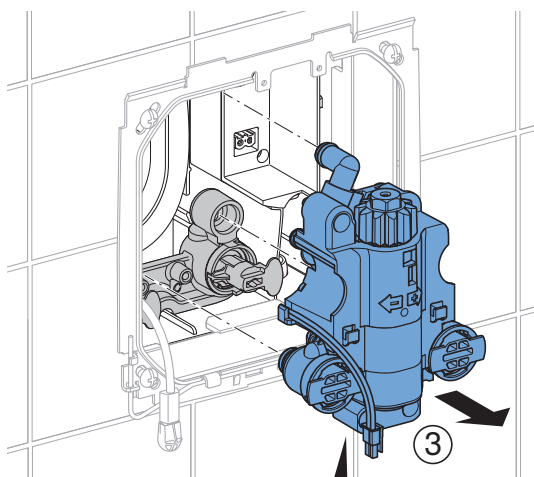
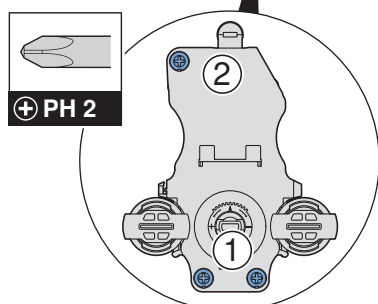
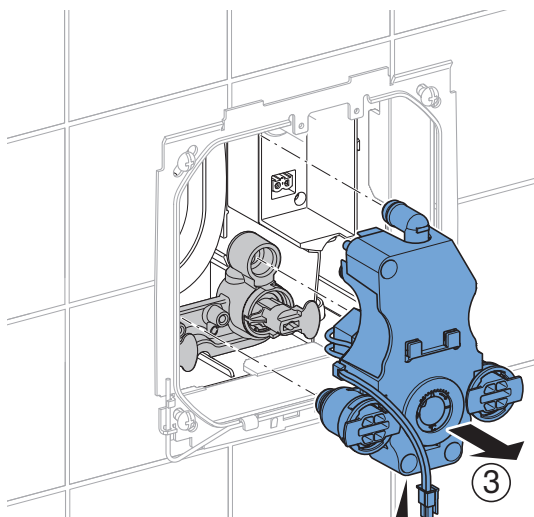
- 11** Connect the cable to the control electronics. → See figure sequence **3**, page 48.
- 12** Mount the control electronics.
- 13** Open both shut-off units or angle stop valves.
- 14** Test the function of the tap.
- 15** Adjust the water temperature. → See operation manual 967.455.00.0.
- 16** Mount the cover plate. → See figure sequence **4**, page 49.

Replace the solenoid valve

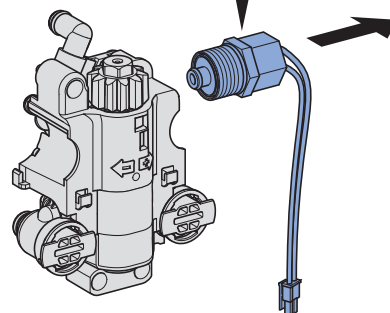
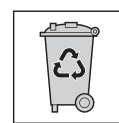
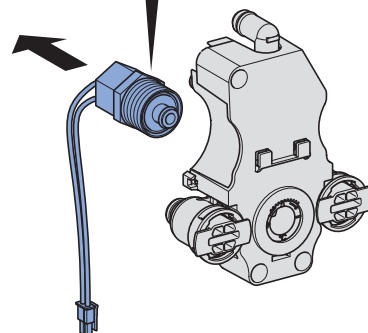
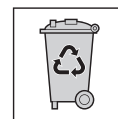
- 1** Detach the cover plate. → See figure sequence **1**, page 45.
- 2** Close both shut-off units or angle stop valves. → See figure sequence **2**, page 47.
- 3** Actuate the flush to relieve the pressure.
- 4** Demount the control electronics.
- 5** Disconnect all cables.
- 6** Remove the power supply cable from its bracket and demount the power supply unit, battery compartment or rechargeable battery.



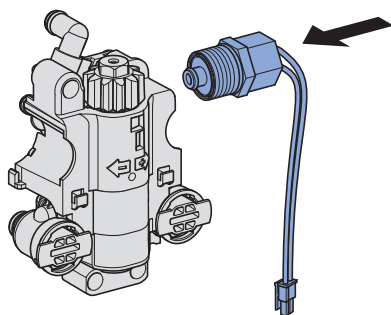
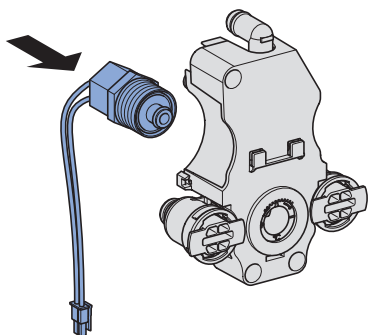
7 Demount the functional unit.



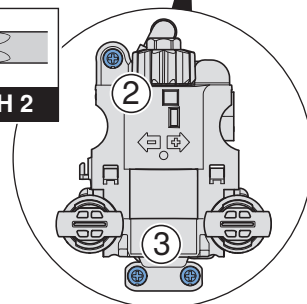
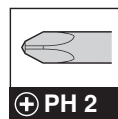
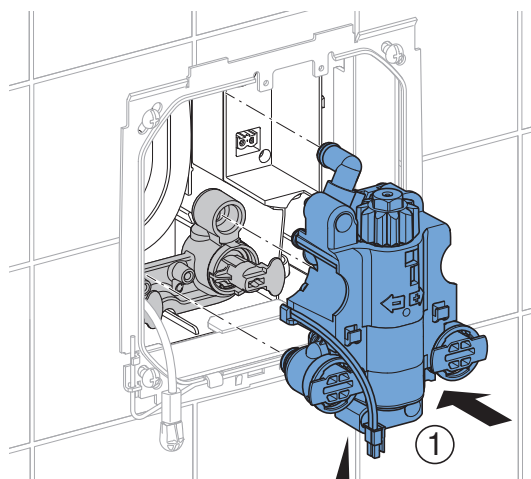
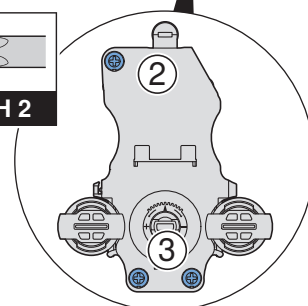
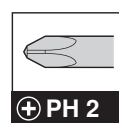
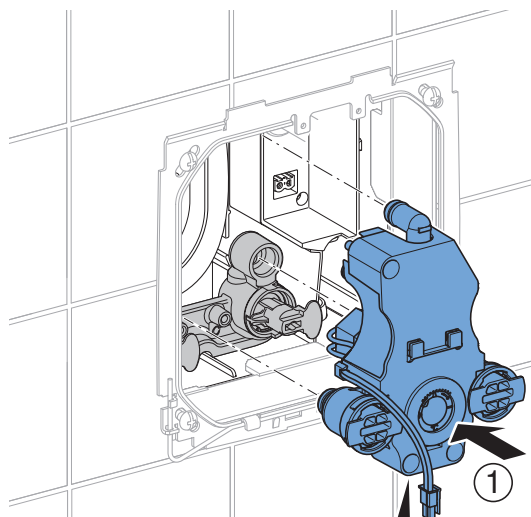
8 Demount and dispose of the solenoid valve.



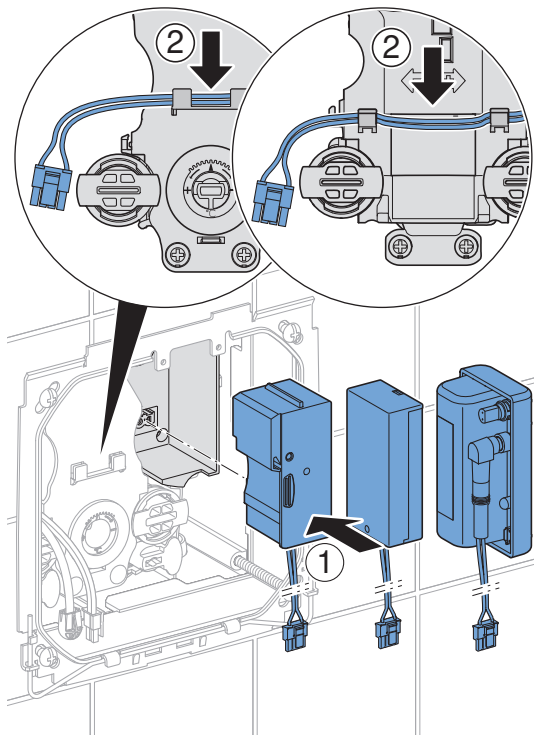
9 Mount the new solenoid valve.



10 Mount the functional unit.



- 11** Mount the power supply unit, battery compartment or rechargeable battery and snap the power supply cable into the bracket.



- 12** Connect the cable to the control electronics.
→ See figure sequence **3**, page 48.

- 13** Mount the control electronics.

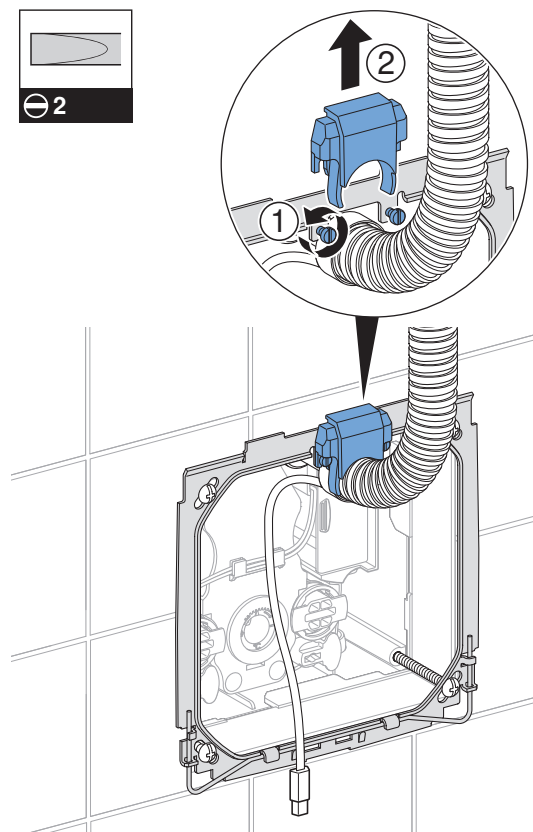
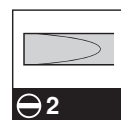
- 14** Open both shut-off units or angle stop valves.

- 15** Test the function of the tap.

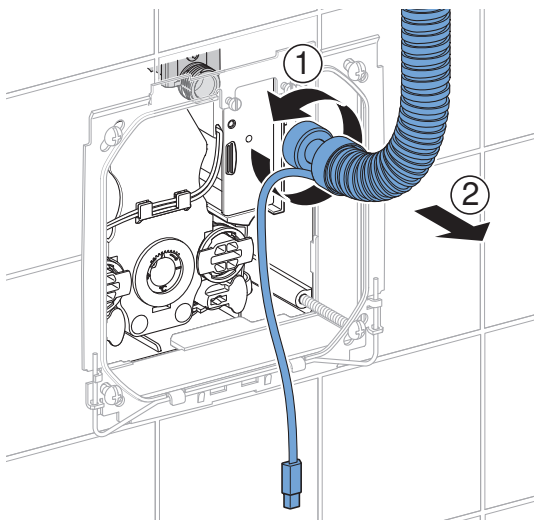
- 16** Mount the cover plate. → See figure sequence **4**, page 49.

Replacing the IR sensor of the deck-mounted tap

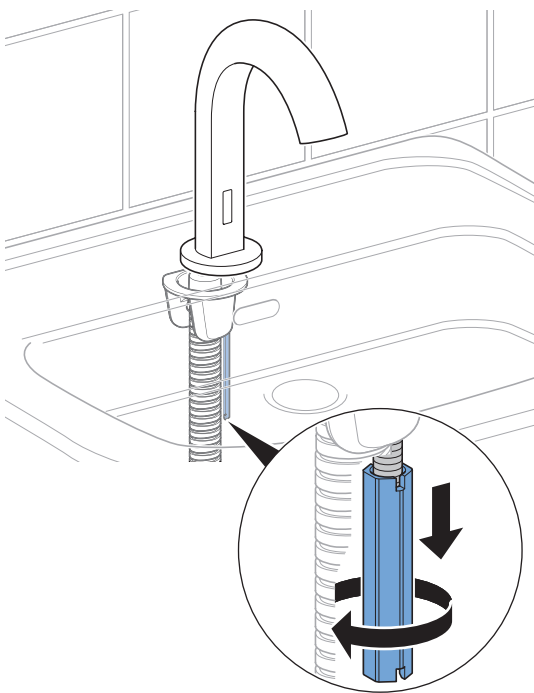
- 1** Detach the cover plate. → See figure sequence **1**, page 45.
- 2** Close both shut-off units or angle stop valves. → See figure sequence **2**, page 47.
- 3** Actuate the flush to relieve the pressure.
- 4** Demount the control electronics.
- 5** Disconnect all cables.
- 6** Loosen the screws of the hose holder and demount it.



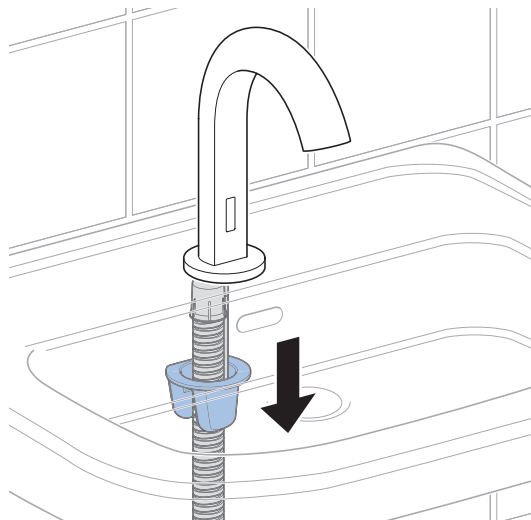
7 Demount the protecting hose.



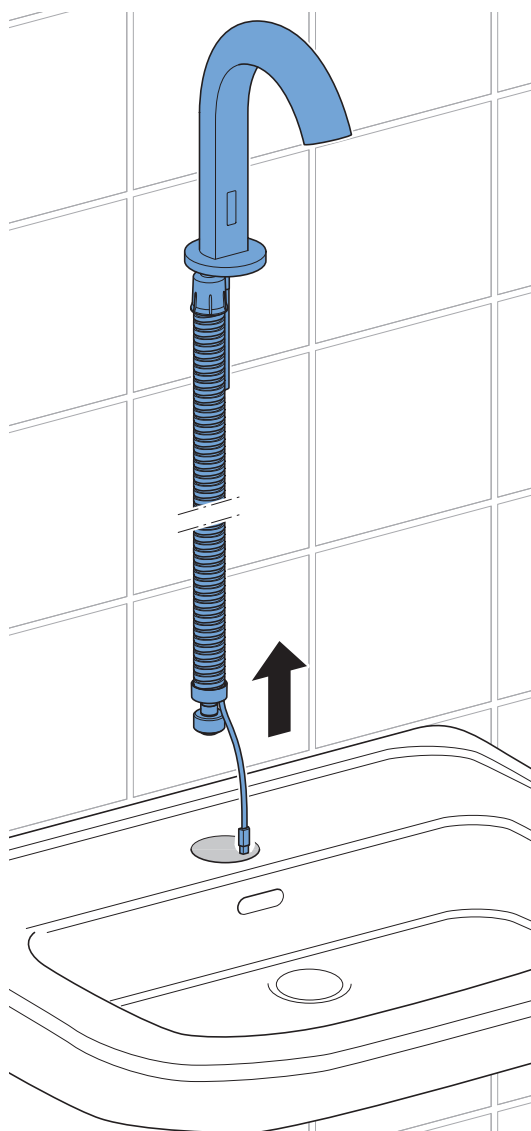
8 Unscrew the long nut.



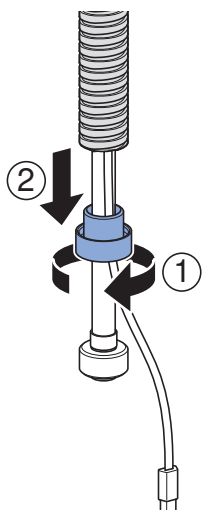
9 Demount the tap bracket.



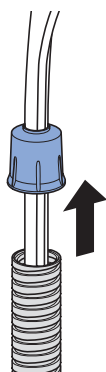
10 Detach the tap with protecting hose from the washbasin.



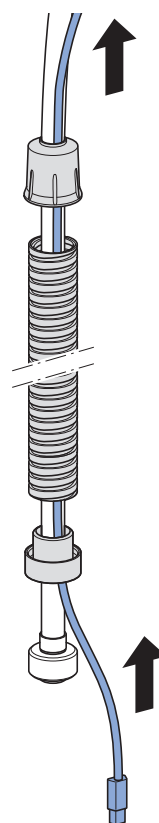
11 Unscrew the lower cap.



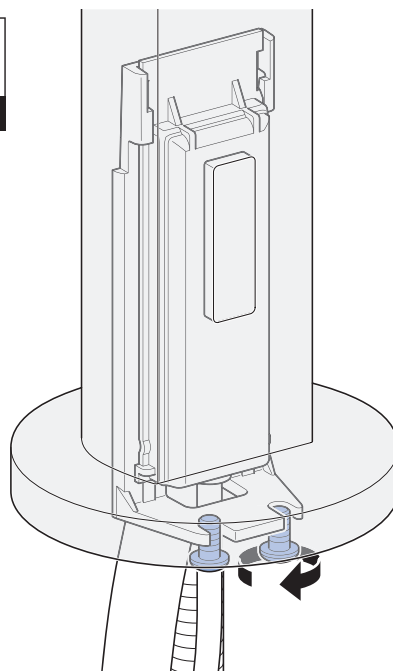
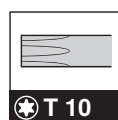
12 Detach the upper cap.



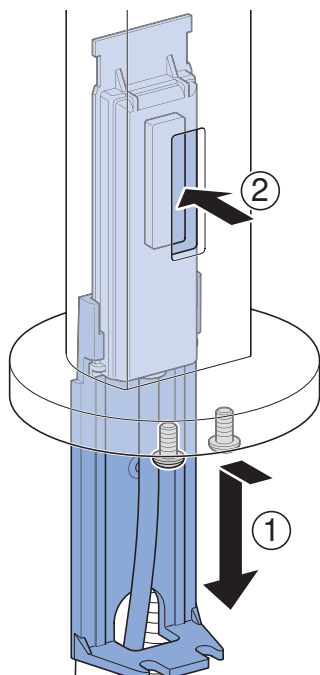
13 Pull out the sensor cable from the protecting hose.



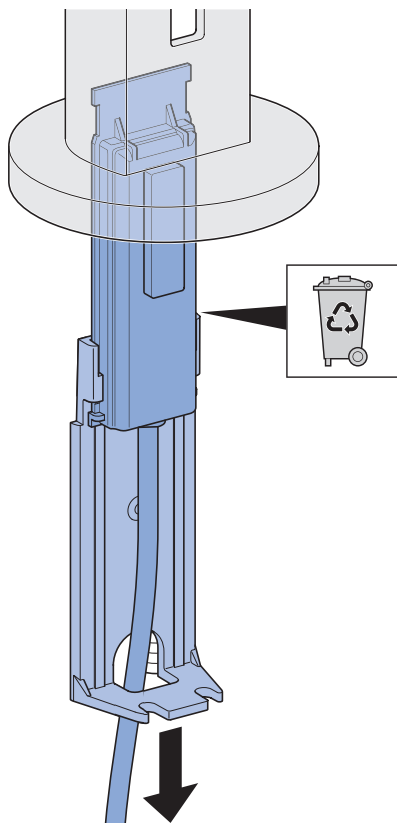
14 Loosen the sensor bracket.



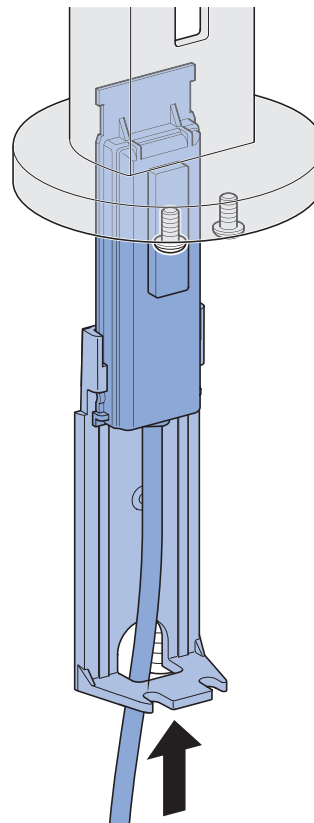
- 15** Pull out the lower part of the sensor bracket and push the IR sensor backward.



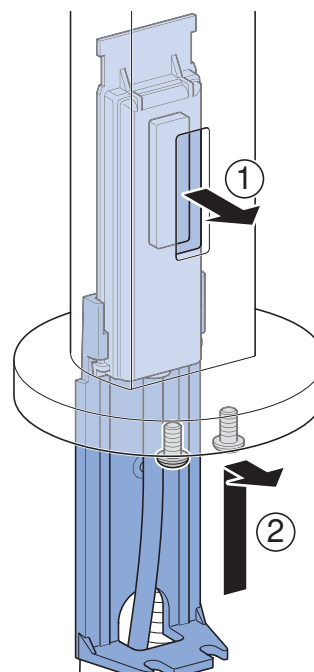
- 16** Pull the sensor bracket downwards and out and dispose of the sensor.



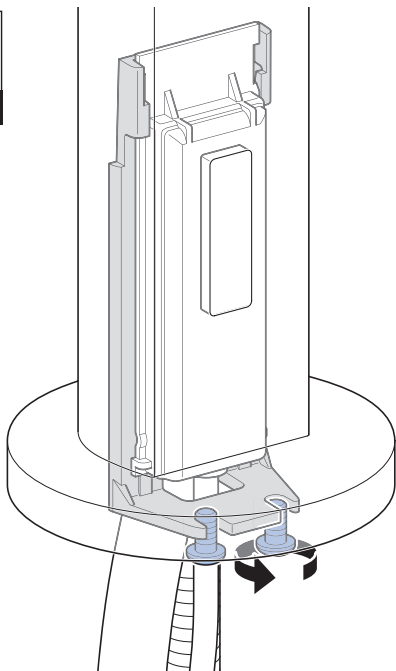
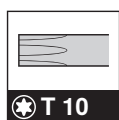
- 17** Mount a new sensor onto the sensor bracket and insert into the tap.



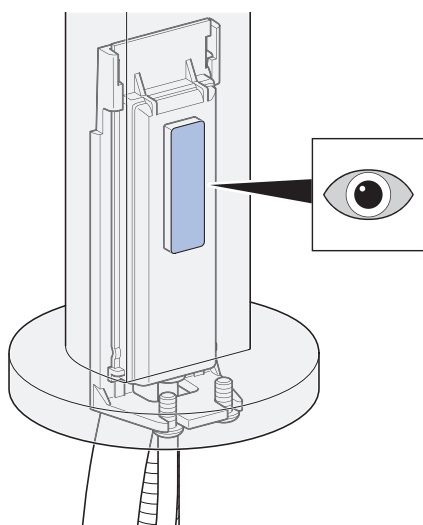
- 18** Position the IR sensor in the window and push the sensor bracket together.



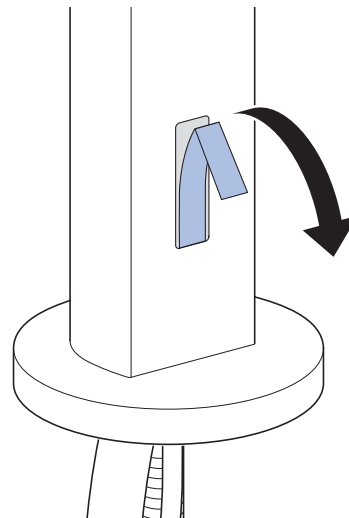
19 Screw on the sensor bracket.



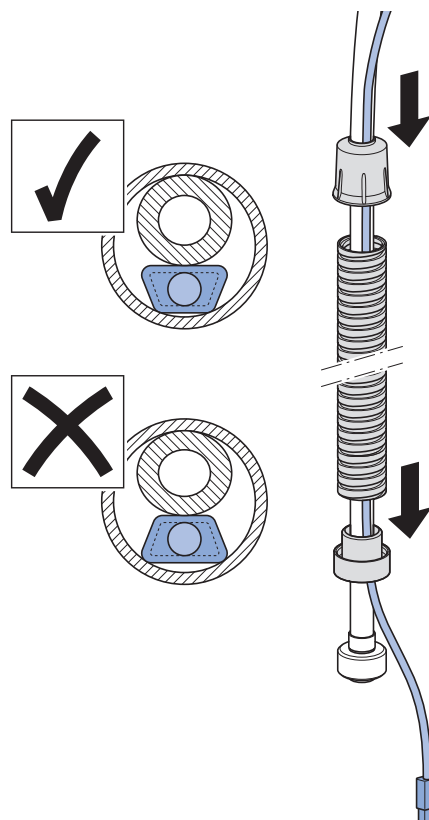
20 Check the position of the IR sensor in the sensor window.



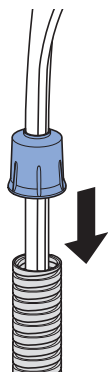
21 Remove protective foil.



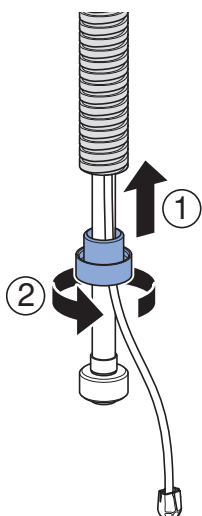
22 Insert the sensor cable into the protecting hose. Make sure you feed it through the lower cap.



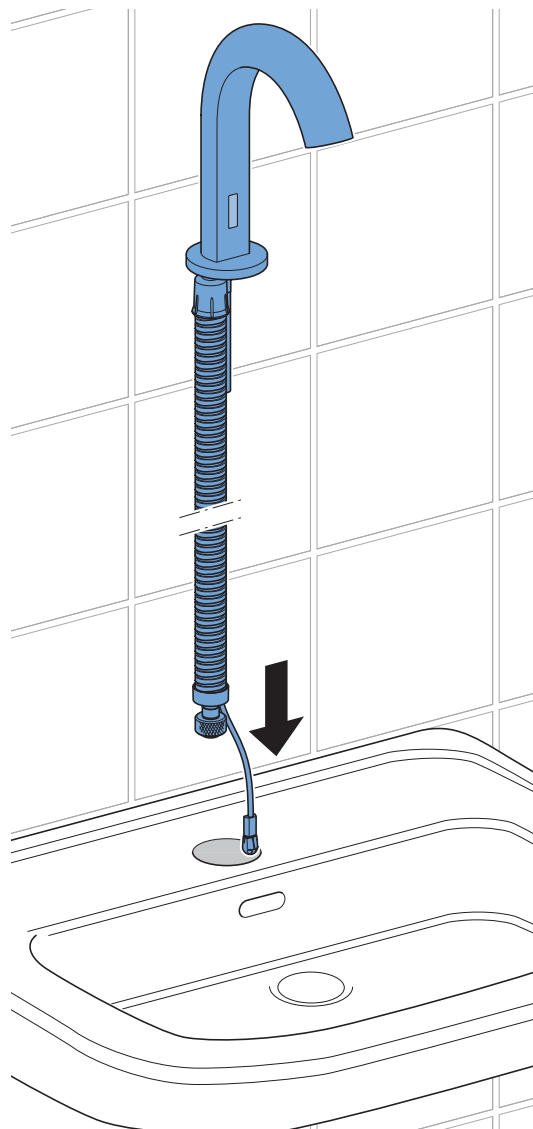
23 Mount the upper cap.



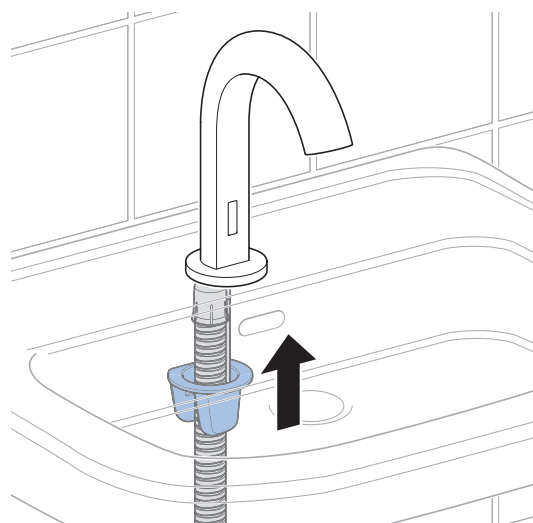
24 Screw on the lower cap.



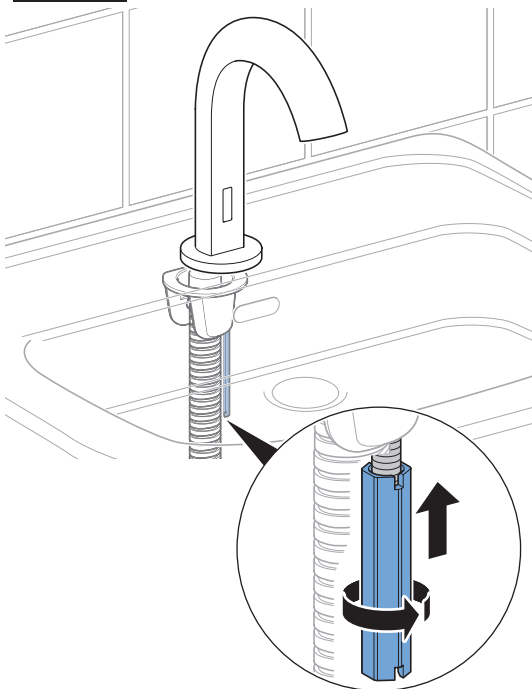
25 Mount the tap onto the washbasin.



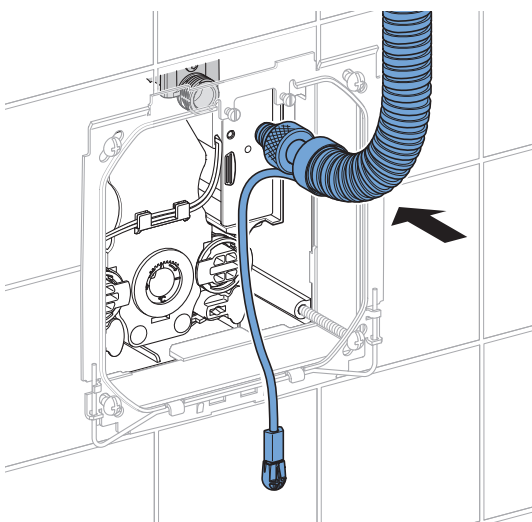
26 Mount the tap bracket from below.



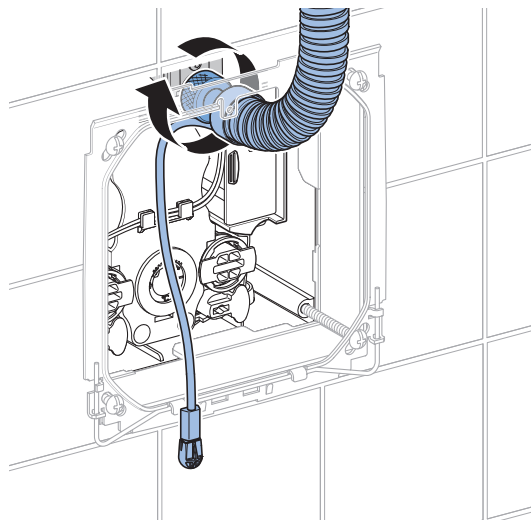
- 27** Screw on the tap bracket with the long nut.



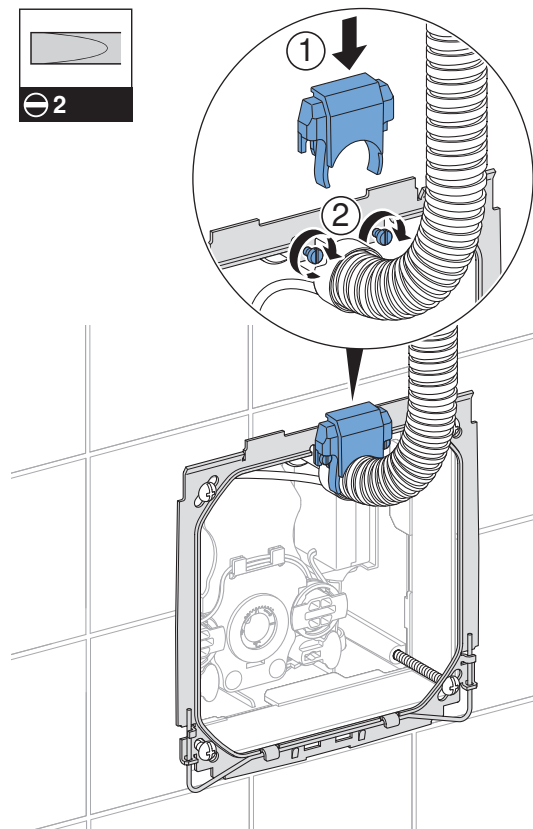
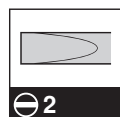
- 28** Insert the hose nipple.



- 29** Connect the connection hose.



- 30** Secure the protecting hose with the bracket.



- 31** Connect the cable to the control electronics.
→ See figure sequence **3**, page 48.

- 32** Mount the control electronics.

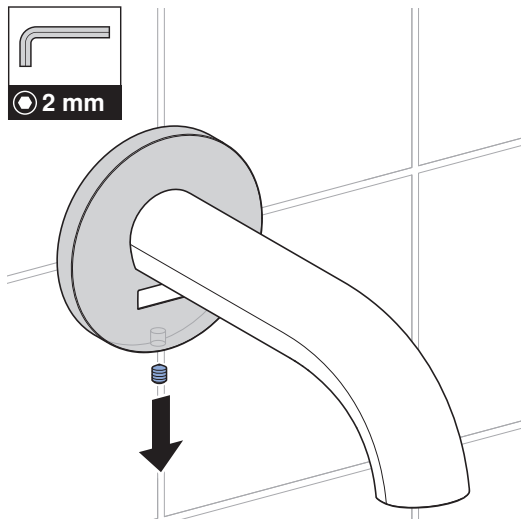
- 33** Open both shut-off units or angle stop valves.

- 34** Test the function of the tap.

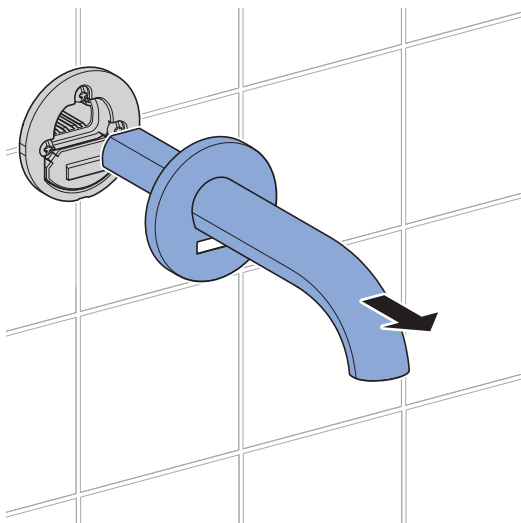
- 35** Mount the cover plate. → See figure sequence **4**, page 49.

Replacing the IR sensor of the wall-mounted tap

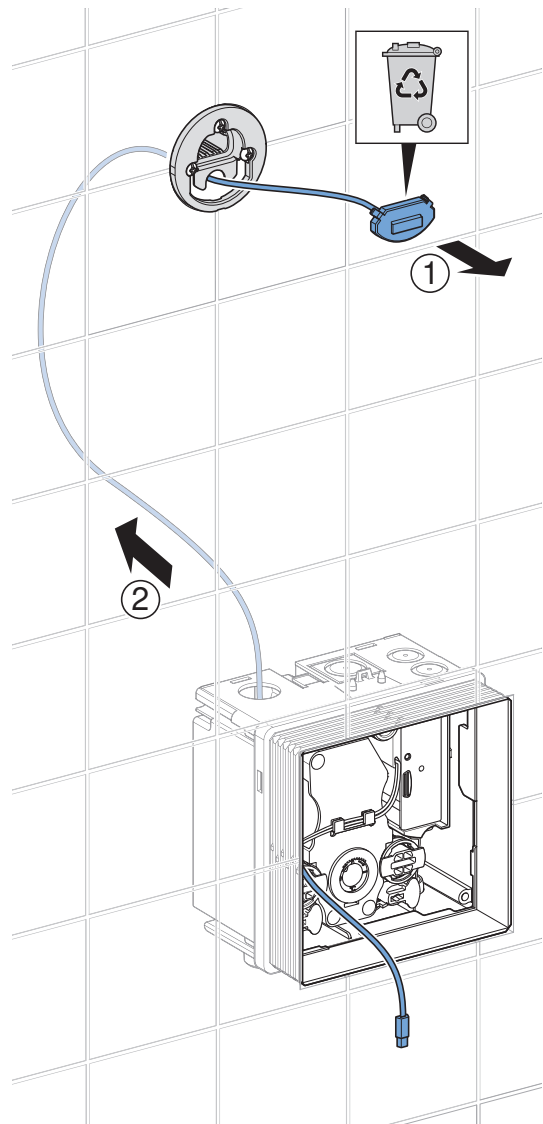
- 1** Detach the cover plate. → See figure sequence **1**, page 45.
- 2** Close both shut-off units or angle stop valves. → See figure sequence **2**, page 47.
- 3** Actuate the flush to relieve the pressure.
- 4** Demount the control electronics.
- 5** Disconnect all cables.
- 6** Loosen the fastening screw of the tap.



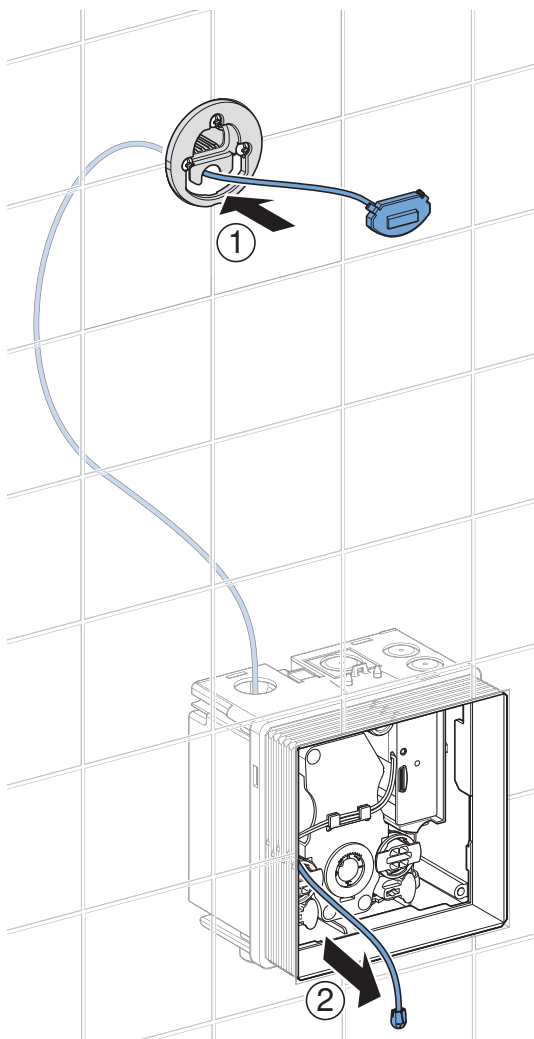
- 7** Detach the tap.



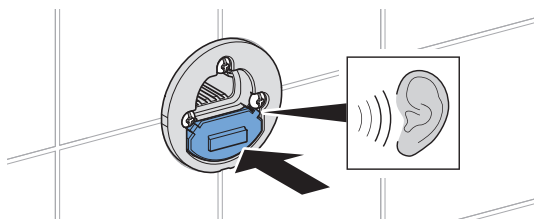
- 8** Pull out the sensor cable and dispose of the sensor.



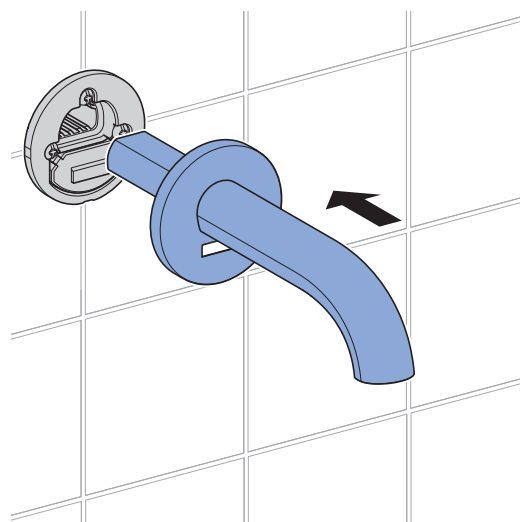
- 9** Draw in the sensor cable of the new sensor.



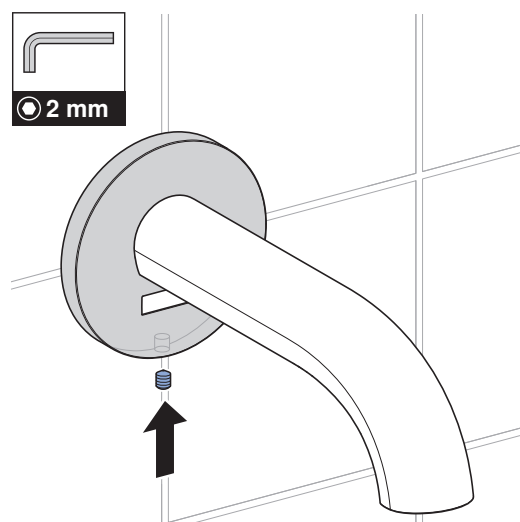
- 10** Snap the sensor into the sensor bracket.



- 11** Mount the tap.



- 12** Screw on the tap.



- 13** Connect the cable to the control electronics.
→ See figure sequence **3**, page 48.

- 14** Mount the control electronics.

- 15** Open both shut-off units or angle stop valves.

- 16** Test the function of the tap.

- 17** Mount the cover plate. → See figure sequence **4**, page 49.

Replacing the connection hose of the deck-mounted tap

The connection hose of the deck-mounted tap must only be replaced if there are imperative reasons to do so, for example contamination of the supply pipes. The installation manual 967.768.00.0 describes how to replace the connection hose.



The connection hose must be replaced by a skilled person from the responsible Geberit sales company.

Replacing the connection hose of the wall-mounted tap

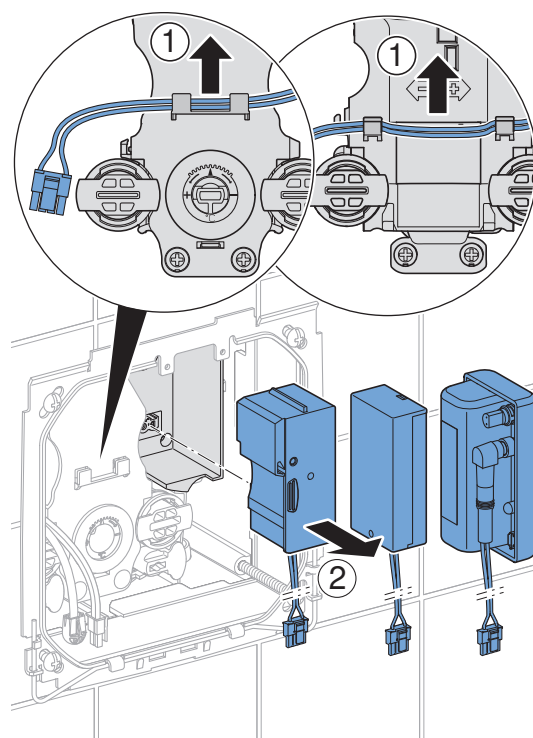
The connection hose of the wall-mounted tap must only be replaced if there are imperative reasons to do so, for example contamination of the supply pipes.



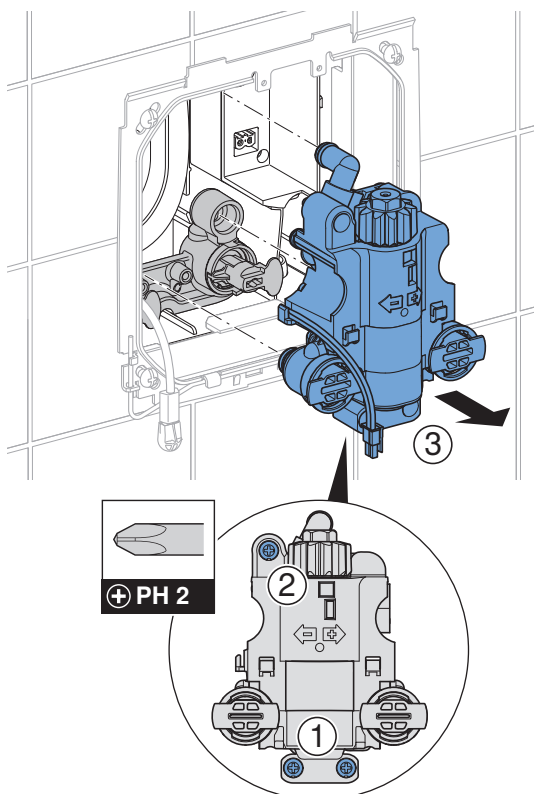
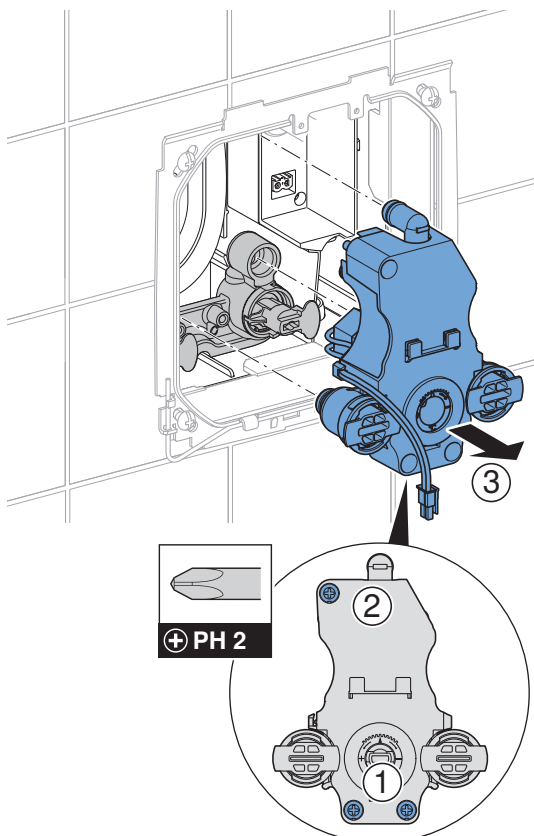
The connection hose must be replaced by a skilled person from the responsible Geberit sales company.

Demounting the connection hose of the wall-mounted tap

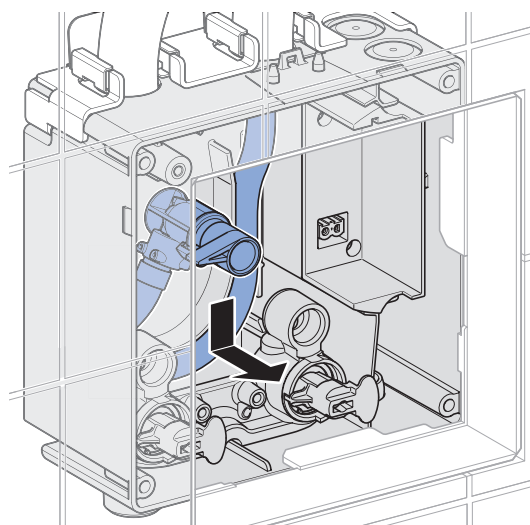
- 1** Detach the cover plate. → See figure sequence **1**, page 45.
- 2** Close both shut-off units or angle stop valves. → See figure sequence **2**, page 47.
- 3** Actuate the flush to relieve the pressure.
- 4** Demount the control electronics.
- 5** Disconnect all cables.
- 6** Remove the power supply cable from its bracket and demount the power supply unit, battery compartment or rechargeable battery.



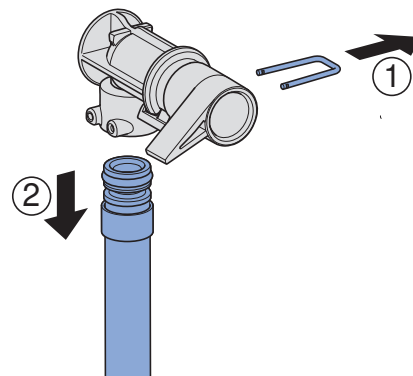
7 Demount the functional unit.



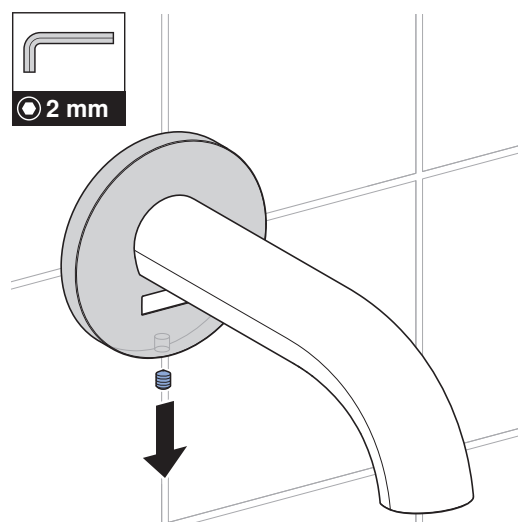
8 Remove the connection bend from the hose holder.



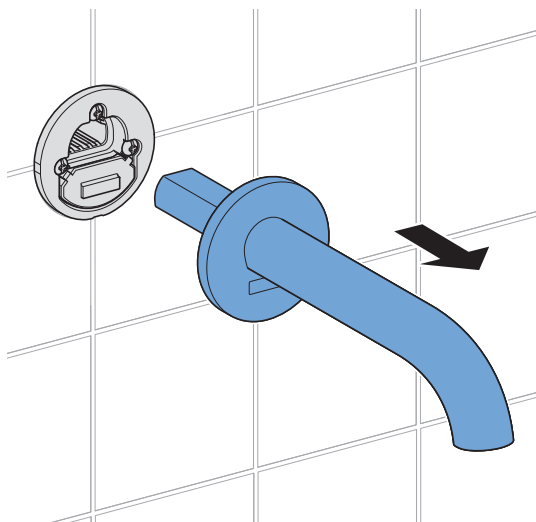
9 Remove the safety pin and separate the connection bend from the connection hose.



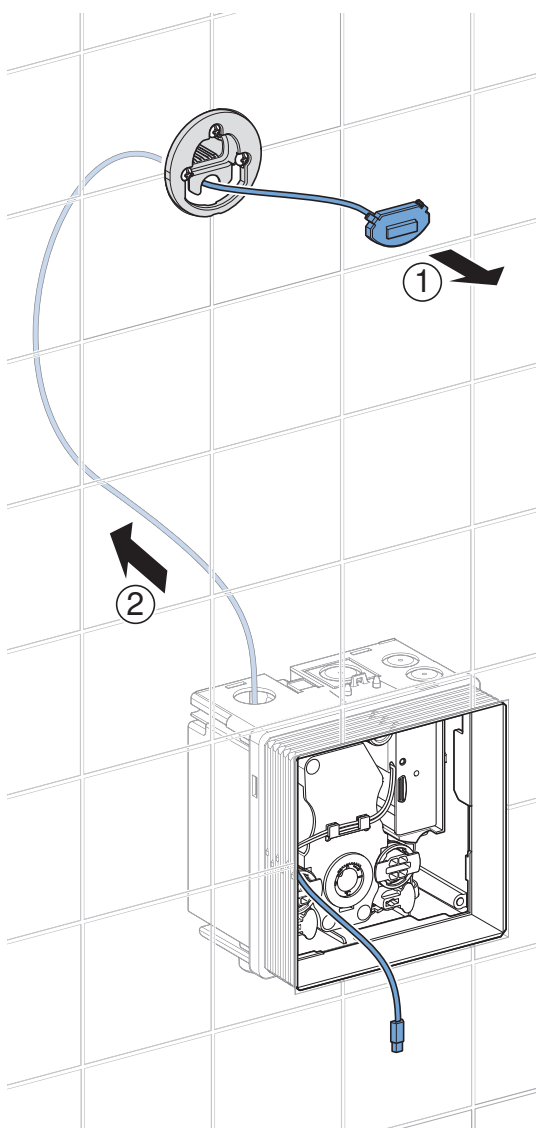
10 Loosen the fastening screws.



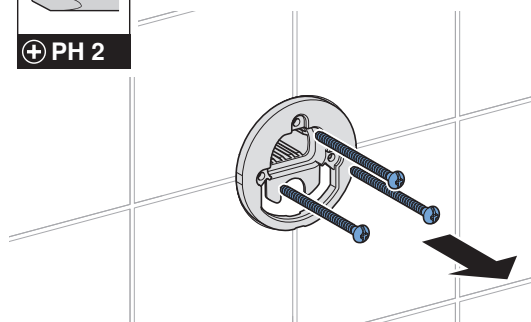
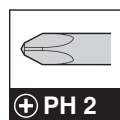
11 Detach the tap.



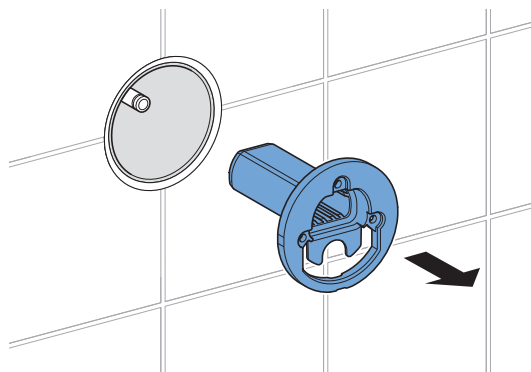
12 Pull out the sensor cable and dispose of the sensor.



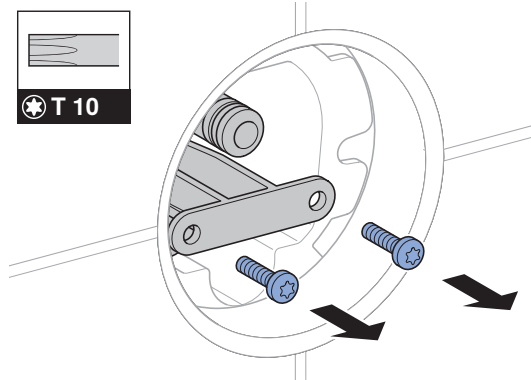
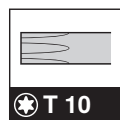
13 Unscrew and remove the screws from the tap bracket.



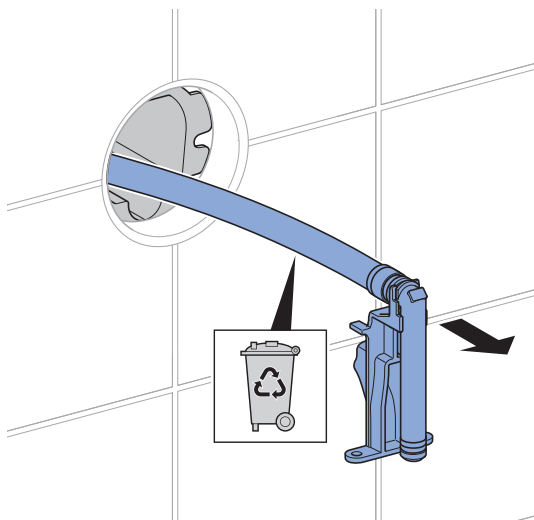
14 Demount the tap bracket.



15 Unscrew the hose holder.

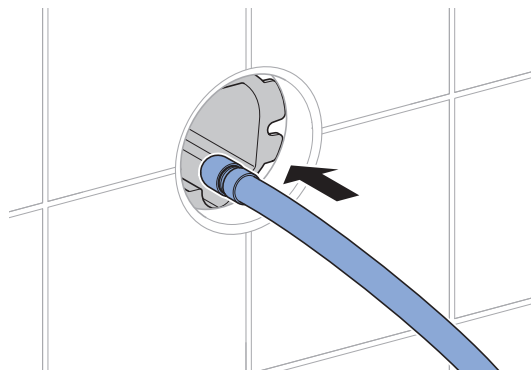


16 Pull the connection hose upwards and out.

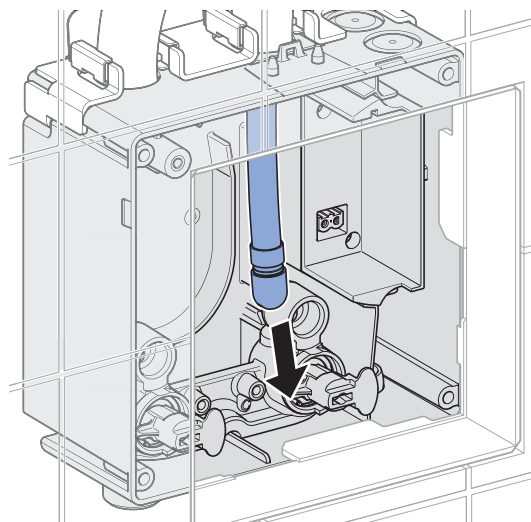


Mounting the connection hose of the wall-mounted tap

1 Insert the new connection hose from above.



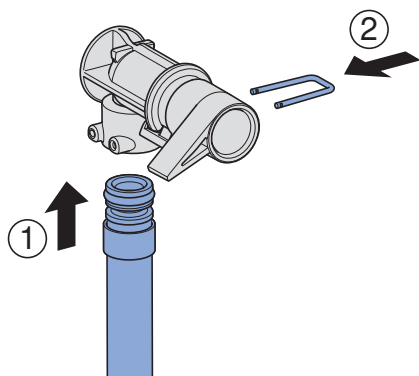
2 Pull the connection hose downwards and out.



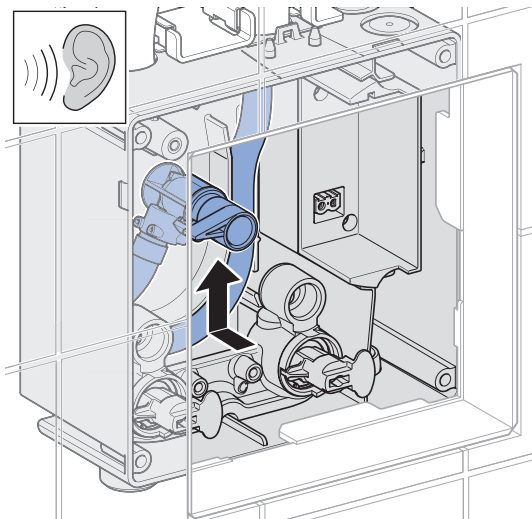
3 Detach the protective cap.



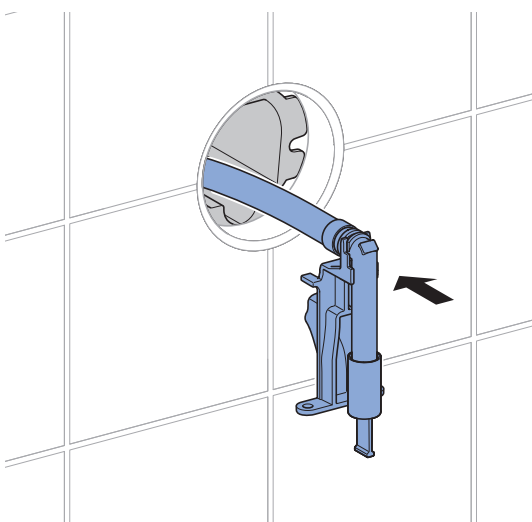
- 4** Connect the connection bend with the connection hose and insert the safety pin.



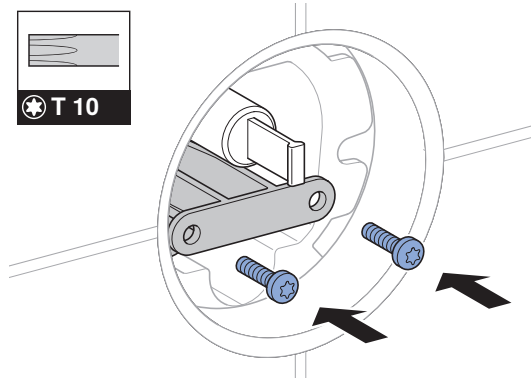
- 5** Snap the connection bend into the hose holder and insert the connection hose into the hose routing.



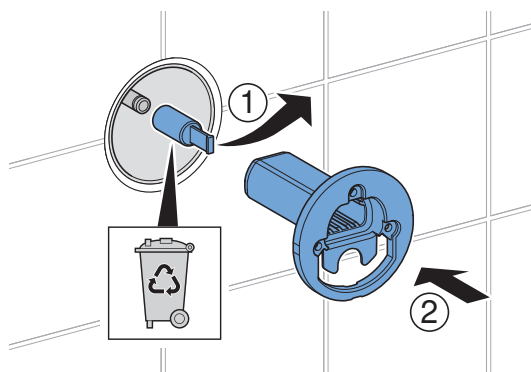
- 6** Insert the hose holder with the connection hose.



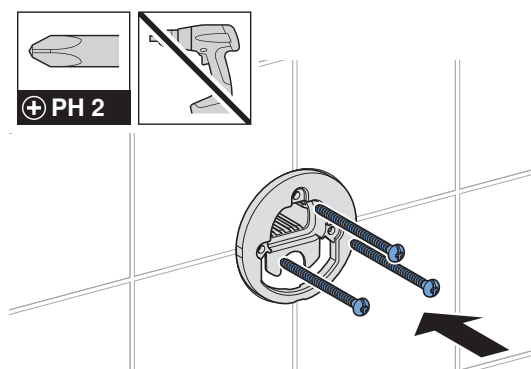
- 7** Screw on the hose holder.



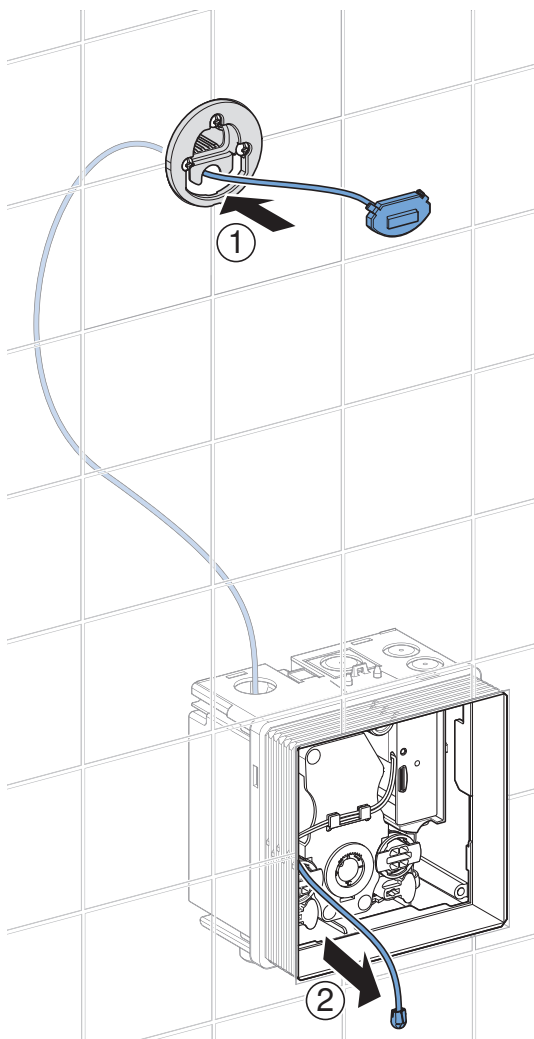
- 8** Mount the tap bracket.



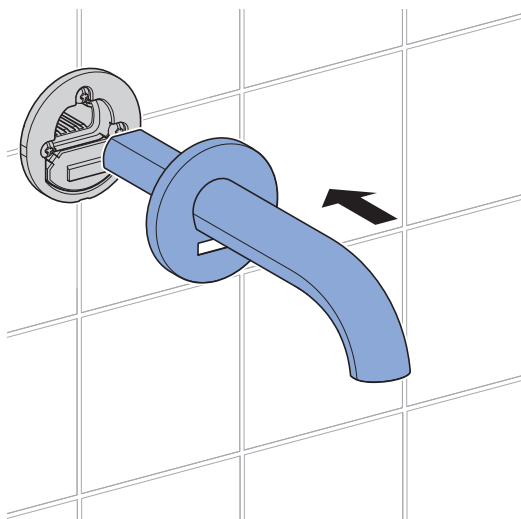
- 9** Screw on the tap bracket.



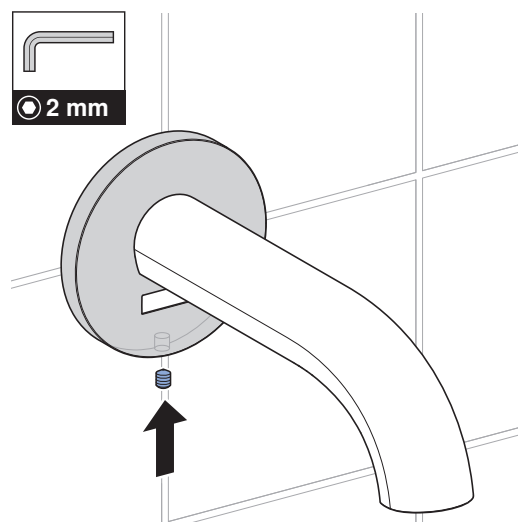
10 Draw in the sensor cable of the new sensor.



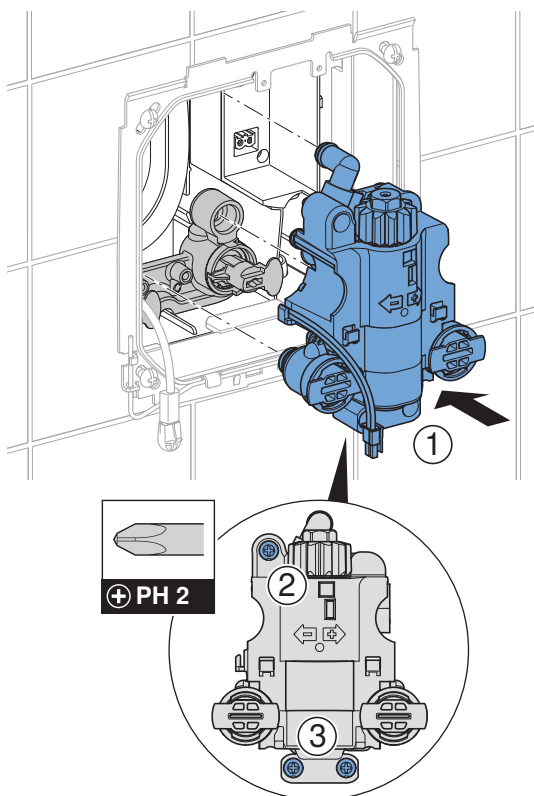
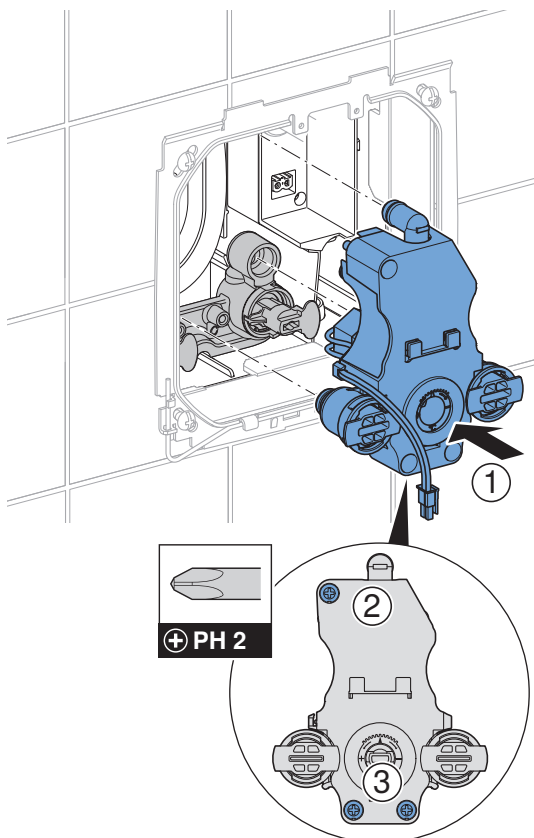
11 Mount the tap.



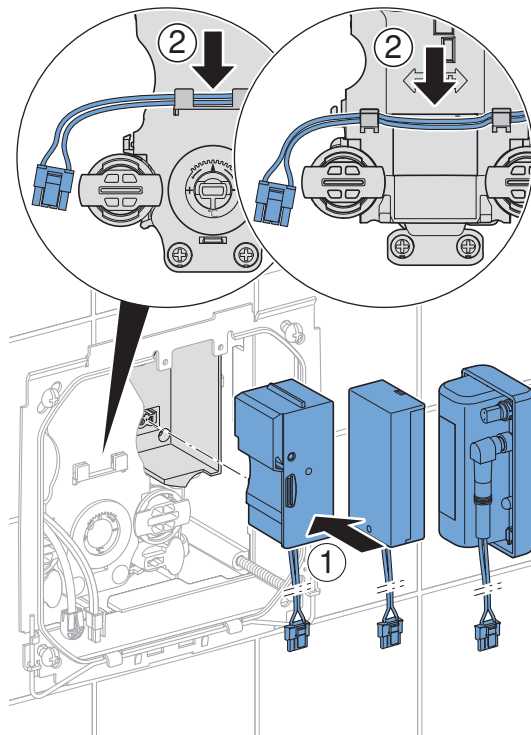
12 Screw on the tap.



13 Mount the functional unit.



14 Mount the power supply unit, battery compartment or rechargeable battery and snap the power supply cable into the bracket.



15 Connect the cable to the control electronics. → See figure sequence 3, page 48.

16 Mount the control electronics.

17 Open both shut-off units or angle stop valves.

18 Test the function of the tap.

19 Mount the cover plate. → See figure sequence 4, page 49.

Make settings

These settings must be made by a skilled person during the commissioning process.

All functions or settings can be made with either the Geberit App or the Geberit Service Handy. It is not possible to make manual settings via the IR sensor.

Make settings using the Geberit Service Handy

The following functions and settings are available with the Geberit Service Handy:

- Operation:
 - Flushing: Activating a flush
 - Cleaning: Suppressing the flush actuation for a few minutes
- Setting parameters and functions → See the 'Settings' table
- Displaying device information such as the battery capacity or firmware version → See the 'Information' table
- Displaying statistical values for use → See the 'Information' table

The numbers and terms in the 'Menu item' column in the following table correspond to what can be seen on the display of the Geberit Service Handy. Further information can be found in the user manual of the Geberit Service Handy.

Table 1: Settings

Menu item [EN] [DE]	Description	Application	Area	Factory setting
Commands				
20 [Valve] [Ventil]	Actuate flush Flushes until the flush is stopped again (max. 10 minutes).	• To run a function test on the solenoid valve • To flush out standing water (stagnation) • To disinfect the line system and the tap (> 3 min at > 70 C) • To carry out winter emptying	On = <OK> Off = <OK>	Off
21 [RangeTest] [TestErfas]	Check detection range As soon as an object is located in the detection range, the red LED lights up. No flush is actuated. The function is deactivated after 90 seconds.	• In the case of problems with user recognition	On = <OK> Off = <OK>	Off
22 [ResetSens] [ResetSens]	Calibrate the IR sensors The IR sensors are recalibrated. Note: There must be no hands or objects in the washbasin during calibration.	• In the event of detection malfunctions • In the event of a changed environment (e.g. new washbasin)	Start = <OK>	–
23 [FactorySet] [Werkseinst]	Factory settings All functions are reset to factory settings.	• To remedy malfunctions	Start = <OK>	–

Menu item [EN] [DE]	Description	Application	Area	Factory setting
24 [CleanMode] [Reinigung]	Activate cleaning mode The flush actuation is suppressed for 10 minutes. The function can be stopped early by re-establishing the connection with the Geberit Service Handy.	To clean the tap and the washbasin without the water running	Start = <OK> Stop = <OK>	–
Programmes				
30 [MainProgr] [Hauptmenü]	Operation mode - Normal operation: The tap flushes as long as an object is in the detection range. A run-on time (menu item 43) can be set if necessary. - Water saver: The tap flushes with a restricted time (menu item 44).	To reduce the water consumption	[A] = Normal operation [B] = Water saver	Normal operation
31 [Esaver] [E Sparen]	Economy mode The reaction speed of the IR sensor reduces after the starting time has elapsed (menu item 40). The starting time starts after the last use.	To extend the battery lifetime	On = [ON] Off = [OFF]	Off
34 [IntFlush] [IntervSp]	Interval flush - User-controlled: A flush is actuated at the end of the [flush interval] (menu item 42), whereby the flush interval is restarted with every use. The flush time is determined by the [interval flush flush time] (menu item 41) value. - Interval-controlled: A flush is actuated at the end of the [flush interval] (menu item 42), regardless of the number of uses. The flush time is determined by the [interval flush flush time] (menu item 41) value.	- To fill the trap in the case of low user frequencies - To flush out standing water in the pipe (hygiene function – to prevent stagnation)	[0] = Off [1] = User-controlled [2] = Interval-controlled	User-controlled

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Menu item [EN] [DE]	Description	Application	Area	Factory setting
Parameter				
40 [ESaverT] [EnerSparZ]	Starting time for energy saver If economy mode (menu item 31) is activated, the reaction speed of the IR sensor slows down once the starting time has elapsed.	To extend the battery lifetime	6–48 h	6 h
41 [IntFlushT] [IntervSpZ]	Flush time for interval flush Is active when menu item 34 [Interval flush] is set to [1] or [2].	–	1–200 s	5 s
42 [IntervalT] [IntervalZ]	Flush interval for interval flush Is active when menu item 34 [Interval flush] is set to [1] or [2].	–	1–168 h	24 h
43 [RunOnTime] [NachlaufZ]	Run-on time In normal operation mode (menu item 30 = [A]) the tap continues to flush for the run-on time after the object has been removed from the detection range.	To clean utensils	0–30 s	2 s
44 [WSaverT] [TWSparenZ]	Running time for water saver In water saver operation mode (menu item 30 = [B]), the tap flushes as long as an object is in the detection range, but not longer than the water saver running time.	- To reduce the water consumption - To extract a certain amount of water	3–30 s	10 s
45 [DetectRng] [Erfassdis]	Set detection range The detection distance can be set to 5 different levels.	To optimise user recognition	0–4 [...] [0] = short distance [4] = large distance	Wall-mounted tap: 4 Deck-mounted tap: 3
46 [SensorUp] [SensOben]	Sensor operation (top) [Off]: Upper IR sensor is switched off. (It is not possible for both IR sensors to be switched off at the same time.) [Static]: IR sensor reacts to static or moving objects. [Dynamic]: IR sensor only reacts to moving objects. [Auto]: IR sensor switches automatically to the appropriate mode if required.	To improve detection in case of external influences (e.g. highly reflective objects in the room)	[0] = Off [1] = Static [2] = Dynamic [3] = Auto	Auto

Menu item [EN] [DE]	Description	Application	Area	Factory setting
47 [SensorLow] [SensUnten]	Sensor operation (bottom) • [Off]: Lower IR sensor is switched off. (It is not possible for both IR sensors to be switched off at the same time.) • [Static]: IR sensor reacts to static or moving objects. • [Dynamic]: IR sensor only reacts to moving objects. • [Auto]: IR sensor switches automatically to the appropriate mode if required.	• To improve detection in case of external influences (e.g. highly reflective objects in the room)	[0] = Off [1] = Static [2] = Dynamic [3] = Auto	Auto
48 [BasinDet] [BeckenDet]	Reflective washbasins • [Standard]: The IR sensors detect objects when using standard ceramic washbasins. • [Auto]: The IR sensors switch automatically to the appropriate mode if required. • [Highly reflective]: The IR sensors detect objects when using highly reflective washbasins.	• To improve detection in case of highly reflective washbasins (e.g. mirror-polished washbasins made of stainless steel).	[0] = Standard [1] = Auto [2] = Highly reflective	Auto

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Table 2: Information

Menu item [EN] [DE]	Description
Counters	
50 [Days?] [SumBetrT?]	Total number of days of operation. Indicates the number of days of operation since commissioning.
51 [Uses?] [SumBenut?]	Total number of uses Indicates the number of uses since commissioning.
52 [IntFlush?] [SumIntSp?]	Total number of interval flushes Indicates the number of interval flushes since commissioning.
53 [↔ Days] [↔ SumBetrT]	Number of days of operation power-on Indicates the number of days of operation since the last switch-on.
54 [↔ Uses] [↔ SumBenut]	Number of uses power-on Indicates the number of uses since the last switch-on.
55 [↔ Flushes] [↔ SumSpül]	Number of interval flushes power-on Indicates the number of interval flushes since the last switch-on.
Device information	
60 [TypeNoS] [TypeNoS]	IR sensor article number Indicates the article number of the IR sensor. Example: [244617001] = 242.617.00.1
61 [TypeNoC] [TypeNoC]	Control electronics article number Indicates the article number of the control electronics. Example: [243689001] = 243.689.00.1
62 [SWVersion] [SWVersion]	Software version Indicates the software version of the control electronics. Example: [0312] = Version 3.12
63 [SerialNoS] [SerialNoS]	IR sensor serial number Indicates the serial number of the IR sensor. Example: 1234567
64 [SerialNoC] [SerialNoC]	Control electronics serial number Indicates the serial number of the control electronics. Example: SSVVXXXXXX
65 [ManufDatS] [ManufDatS]	IR sensor manufacturing date Indicates the manufacturing date of the IR sensor. Example: 101220 = 10 Dec. 2020
66 [ManufDatC] [ManufDatC]	Control electronics manufacturing date Displays the manufacturing date of the control electronics. Example: 101220 = 10 Dec. 2020
67 [TypePower] [Netz/Batt]	Type of power supply Indicates the type of power supply (mains or battery). Example: [0] = Battery / [1] = Mains

Menu item [EN] [DE]	Description
68 [Battery%] [Batterie%]	Battery Displays the battery capacity. At 10%, replace batteries or charge rechargeable battery. Example: [73]%

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Make settings with the Geberit App

After connecting a Geberit app to the device, the following functions and settings are available:

- Operation:
 - Flushing: Activating a flush
 - Cleaning: Suppressing the flush actuation for a few minutes
- Setting parameters and functions → See the 'Settings' table
- Displaying device information such as the battery capacity or firmware version → See the 'Information' table
- Displaying statistical values for use → See the 'Information' table
- Exporting device information and statistical values
- Displaying error messages
- Carrying out firmware updates
- Saving and transferring presettings

The settings can be saved in the Geberit App as presettings and transferred to other devices.

Table 3: Settings

Menu item	Description	Application	Area	Factory setting
Operation				
[Flush]	Actuate flush Flushes until the flush is stopped again (max. 10 minutes).	• To run a function test on the solenoid valve • To flush out standing water (stagnation) • To disinfect the line system and the tap (> 3 min at > 70 C) • To carry out winter emptying	On/Off	–
[Cleaning]	Activate cleaning mode The flush actuation is suppressed for the [cleaning time].	• To clean the tap and the washbasin without the water running	On/Off	–
	[Cleaning time]	–	1–20 min	10 min

Menu item	Description	Application	Area	Factory setting
Device settings				
[Interval flush]	Interval flush • User-controlled: A flush is actuated at the end of the [flush interval], whereby the flush interval is restarted with every use. The flush time is determined by the [flush time] value. • Interval-controlled: A flush is actuated at the end of the [flush interval], regardless of the number of uses. The flush time is determined by the [flush time] value. • Difference flush: A flush is actuated at the end of the [flush interval], regardless of the number of uses. If flushes have already been performed within the [flush interval], the postflush only makes up the difference in [flush time].	• To fill the trap in the case of low user frequencies • To flush out standing water in the pipe (hygiene function – to prevent stagnation)	[Off], [User-controlled], [Interval-controlled], [Difference flush]	[User-controlled]
	[Flush time]	–	1–200 s	5 s
	[Flush interval]	–	1–168 h	24 h
[Operation mode]	Set operation mode • Normal operation: The tap flushes as long as an object is in the detection range. A [run-on time] can be set if necessary. • Water saver: The tap flushes as long as an object is in the detection range, but not longer than the [max. flush time].	• To reduce the water consumption	[Normal operation] or [water saver]	[Normal operation]
	[Run-on time]	–	0–30 s	2 s
	[Max. flush time]	–	3–30 s	10 s

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Menu item	Description	Application	Area	Factory setting
[Detection range]	Check detection range Indicates when the sensor detects a user. The sensor can be recalibrated in the event of detection faults or a change in environment. The environment is re-evaluated in the process.	In the case of problems with user recognition	Automatic	–
	[Detection range]	To optimise user recognition	Short to long distance [0–4]	Wall-mounted tap: [4] Deck-mounted tap: [3]
	[Recalibrate sensor] Note: There must be no hands or objects in the washbasin during calibration.	- In the event of detection malfunctions - In the event of a changed environment (e.g. new washbasin)	[Start calibration]	–
[Sensor operation (top)]	Activate sensor operation (top) [Off]: Upper IR sensor is switched off. (It is not possible for both IR sensors to be switched off at the same time.) [Static]: IR sensor reacts to static or moving objects. [Dynamic]: IR sensor only reacts to moving objects. [Automatic]: IR sensor switches automatically to the appropriate mode if required.	To improve detection safety in case of external influences (e.g. highly reflective objects in the room)	[Off], [Static], [Dynamic], [Automatic]	[Automatic]
[Sensor operation (bottom)]	Activate sensor operation (bottom) [Off]: Lower IR sensor is switched off. (It is not possible for both IR sensors to be switched off at the same time.) [Static]: IR sensor reacts to static or moving objects. [Dynamic]: IR sensor only reacts to moving objects. [Automatic]: IR sensor switches automatically to the appropriate mode if required.	To improve detection safety in case of external influences (e.g. highly reflective objects in the room)	[Off], [Static], [Dynamic], [Automatic]	[Automatic]

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Menu item	Description	Application	Area	Factory setting
[Reflection]	Set mode for reflective washbasins • [Standard]: The IR sensors detect objects when using standard ceramic washbasins. • [Automatic]: The IR sensors switch automatically to the appropriate mode if required. • [Highly reflective]: The IR sensors detect objects when using highly reflective washbasins.	• To improve detection in case of highly reflective washbasins (e.g. mirror-polished washbasins made of stainless steel)	[Standard], [Automatic], [Highly reflective]	Automatic
[Energy saver]	Activate economy mode The reaction speed of the IR sensor reduces after the [starting time] has elapsed. The [starting time] starts after the last use.	• To extend the battery lifetime	On/Off	Off
	[Starting time]	—	6–48 h	6 h
[Volumetric flow rate]	Volumetric flow rate To calculate the water consumption, the volumetric flow rate must be specified when the flush is actuated. The volumetric flow rate is determined by the tap aerator. When replacing the tap aerator, the volumetric flow rate must be adjusted.	• To calculate the water consumption for the statistics function	1.3 l/min 1.9 l/min 3.8 l/min 5 l/min 0.5–7 l/min (user-defined)	5 l/min
[Save as presetting]	Presettings The current settings are saved in the app, which means they can be transferred to other devices.	To commission several devices with the same settings	—	—
[Factory settings]	Factory settings All functions are reset to factory settings.	• To remedy malfunctions	—	—

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Table 4: Information

Geberit App menu item	Description
[Name] and [password]	A name and a description can be assigned for each device.
Information	
[IR sensor article number]	Indicates the article number of the IR sensor.
[Control electronics article number]	Indicates the article number of the control electronics.
[Firmware version]	Indicates the firmware version of the control electronics.
[IR sensor serial number]	Indicates the serial number of the IR sensor.
[Control electronics serial number]	Indicates the serial number of the control electronics.
[IR sensor manufacturing date]	Indicates the manufacturing date of the IR sensor.
[Control electronics manufacturing date]	Displays the manufacturing date of the control electronics.
[Type of power supply]	Indicates the type of power supply (mains or battery).
Statistics	
[Statistics]	Indicates various information such as the number of uses or water consumption in a desired time period.
Counters	
[Total number of days of operation]	Indicates the number of days of operation since commissioning.
[Number of days of operation since last power-on]	Indicates the number of days of operation since the last switch-on.
[Total number of uses]	Indicates the number of uses since commissioning.
[Number of uses since last power-on]	Indicates the number of uses since the last switch-on.
[Total number of flushes]	Indicates the number of flushes since commissioning.
[Flushes since last power-on]	Indicates the number of flushes since the last switch-on.
[Total number of interval flushes]	Indicates the number of interval flushes since commissioning.
[Interval flushes since last power-on]	Indicates the number of interval flushes since the last switch-on.

Disposal

Constituents

This product meets the requirements of Directive 2011/65/EU (RoHS) (restriction of the use of certain hazardous substances in electrical and electronic equipment).

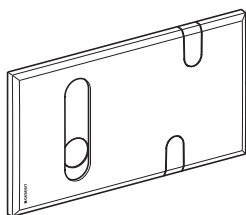
Disposal of waste electrical and electronic equipment



The symbol of the crossed-out wheeled bin means that waste electrical and electronic equipment (WEEE) must be disposed of separately and not with other non-recyclable waste. End users are legally obliged to return old equipment to public waste disposal authorities, distributors, or Geberit for proper disposal. Many distributors of electrical and electronic equipment are obliged to take back WEEE free of charge. Contact the responsible sales or service company to return the WEEE to Geberit.

Used batteries and accumulators that are not enclosed within the old equipment, as well as lamps that can be removed from the old equipment in a non-destructive manner, must be separated from the old equipment before being handed over to a disposal point.

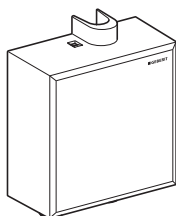
If personal data is stored on the old equipment, end users themselves are responsible for deleting it before handing it over to a disposal point.



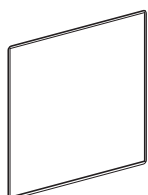
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→ **1 B** 46



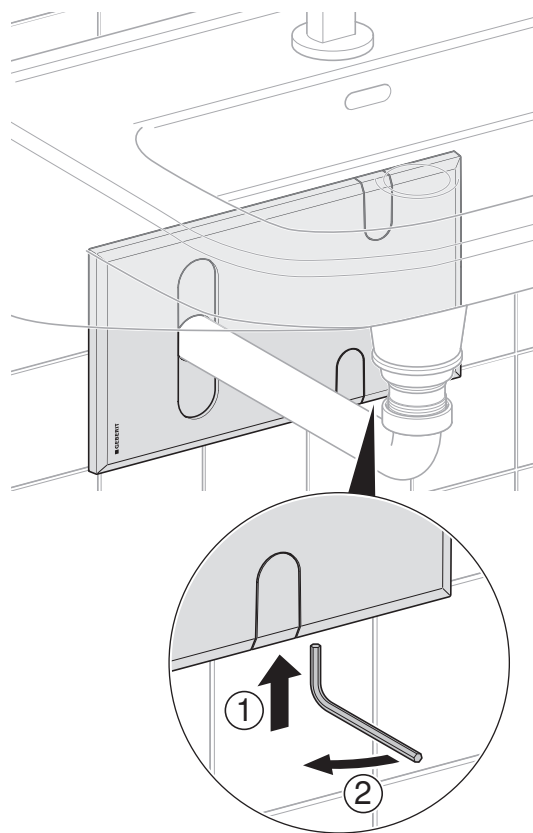
→ **1 C** 46



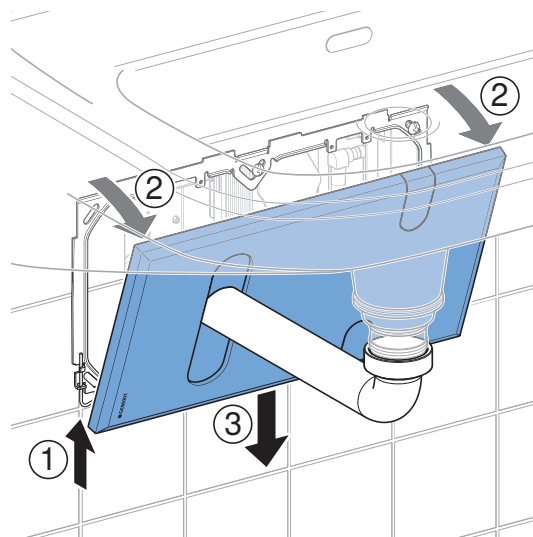
→ **1 D** 47

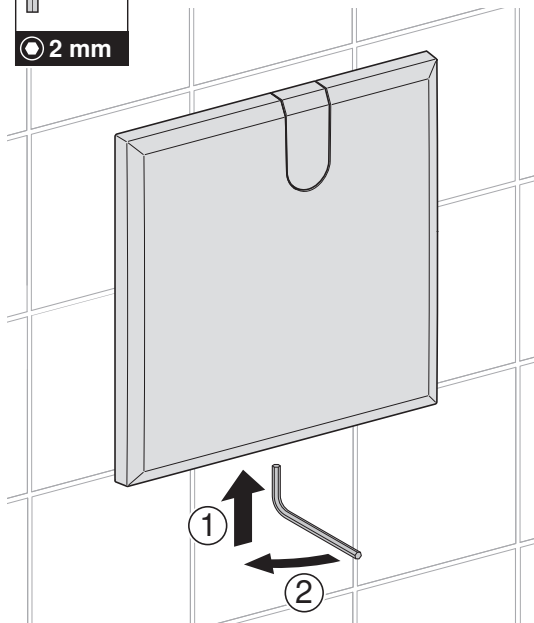
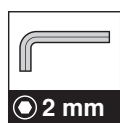
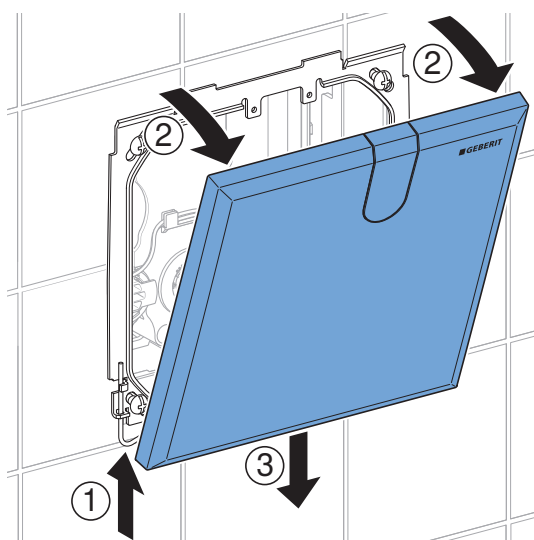
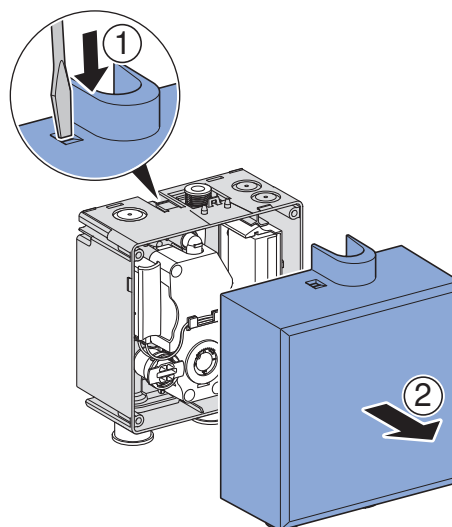


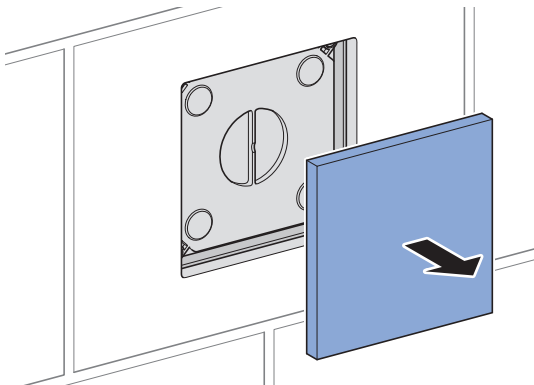
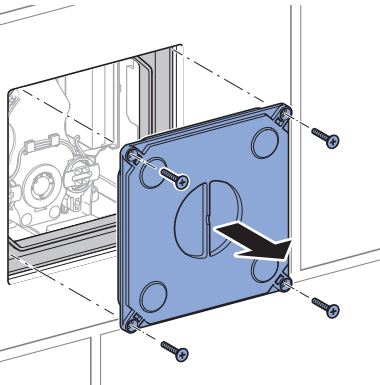
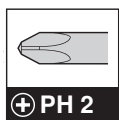
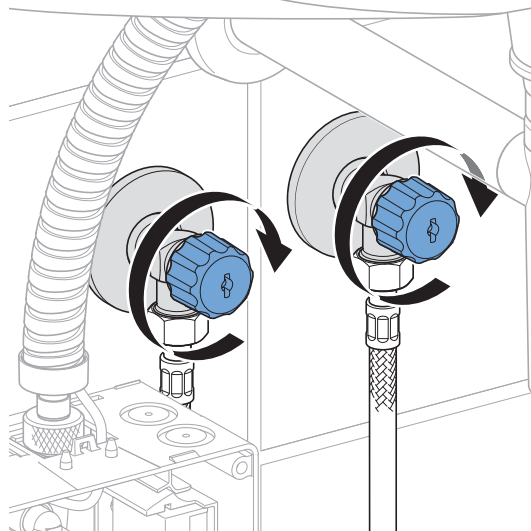
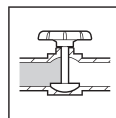
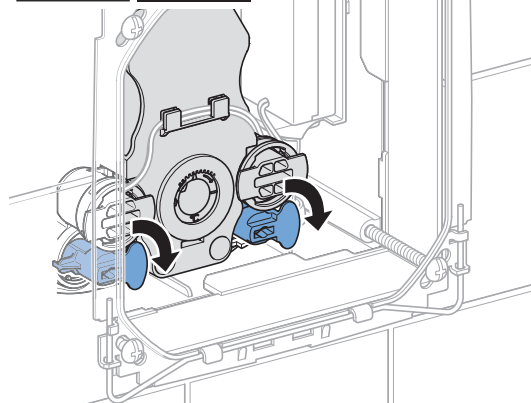
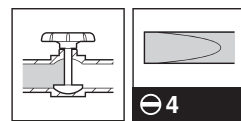
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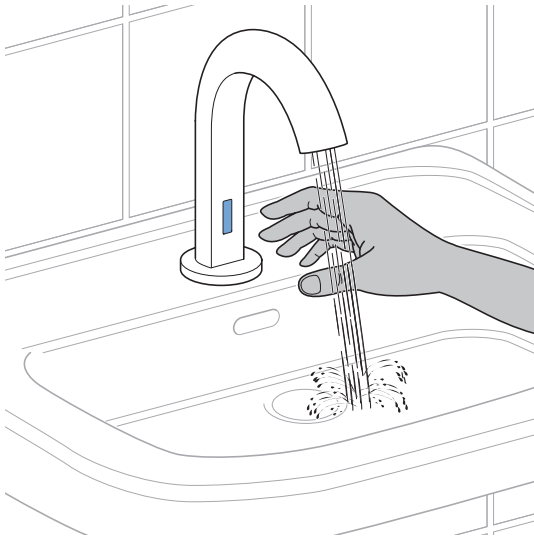
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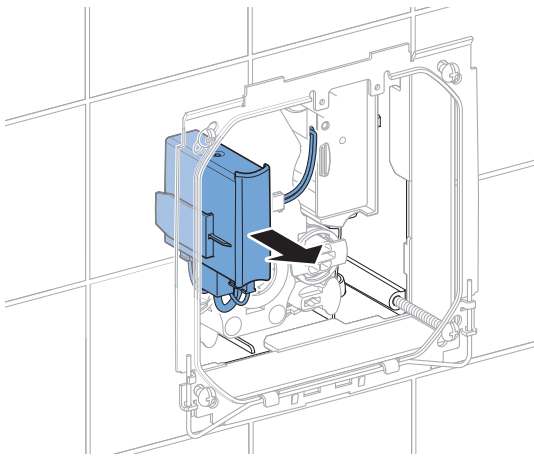
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1**D****1****2****2****1**

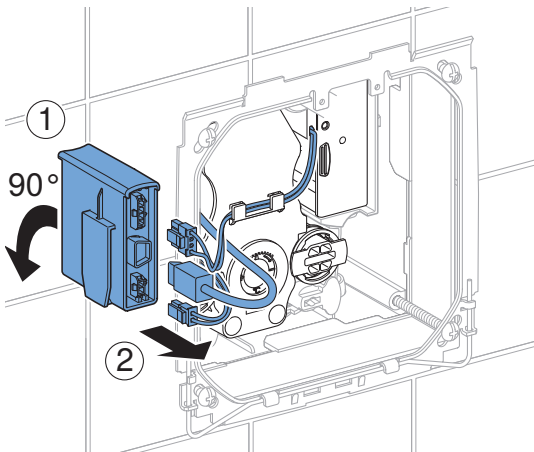
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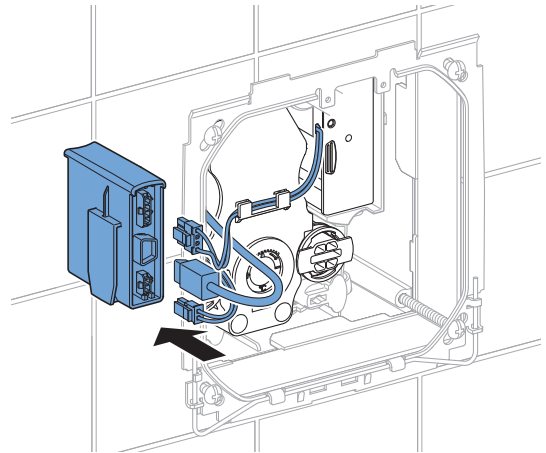


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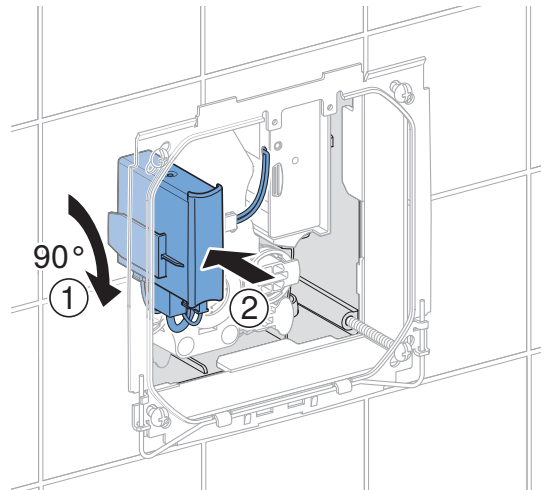


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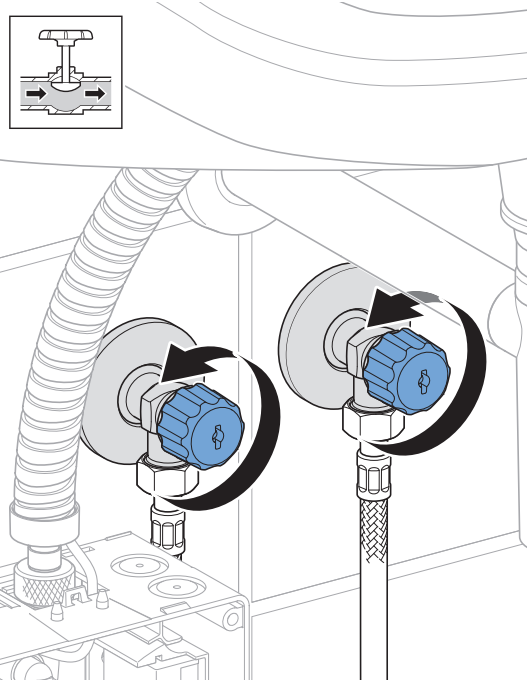
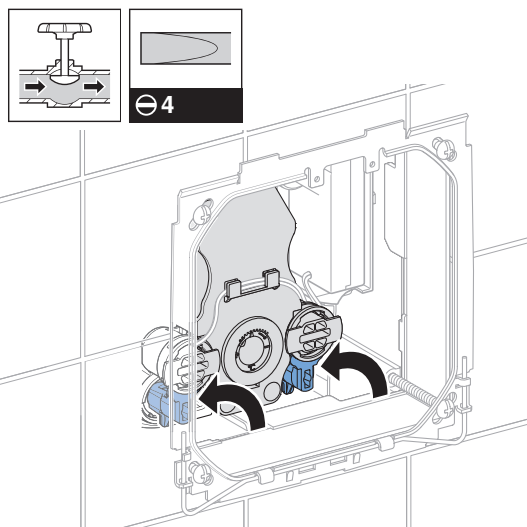
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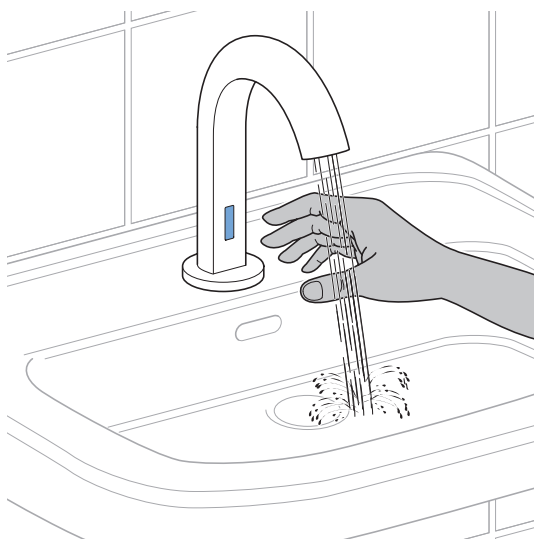
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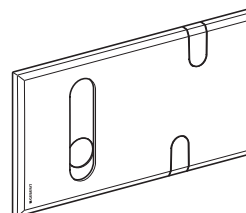
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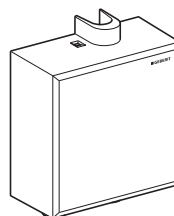
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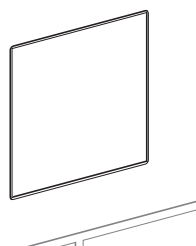
→ **4 A**  50



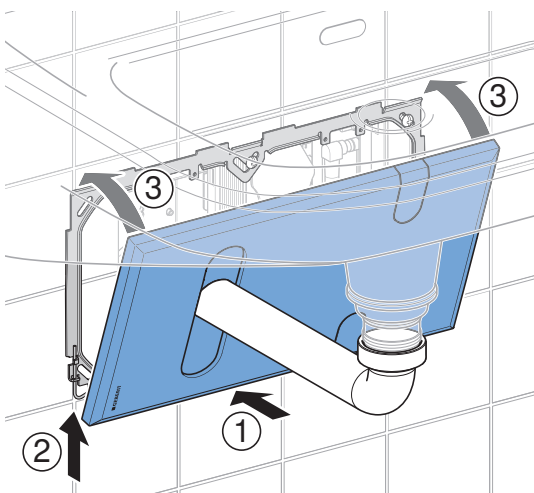
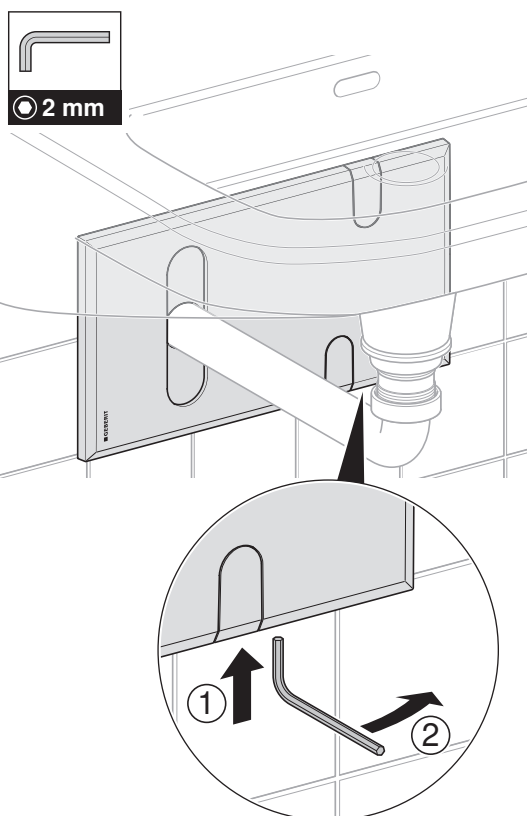
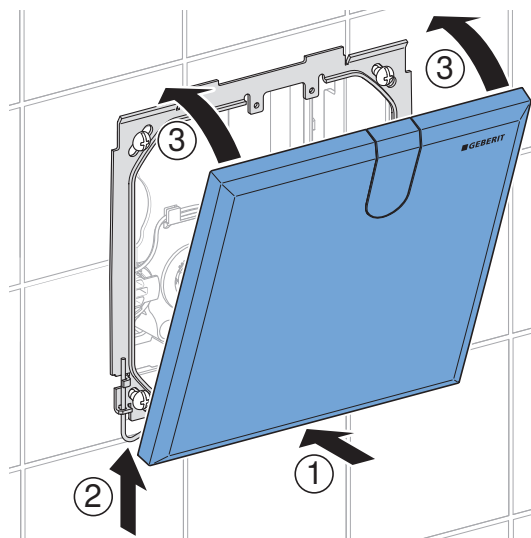
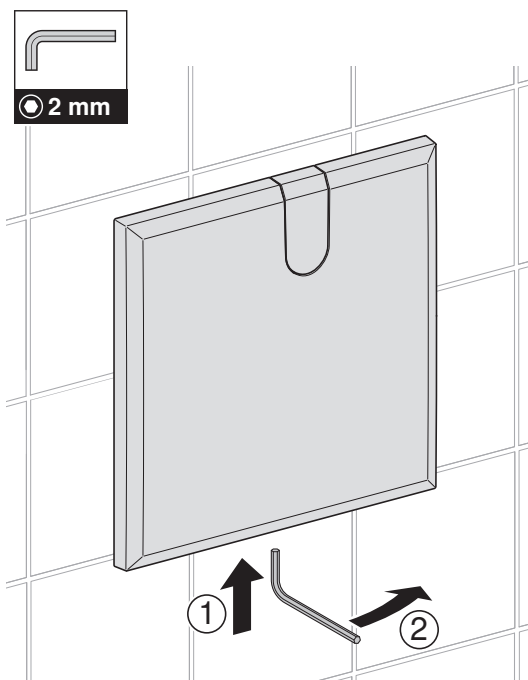
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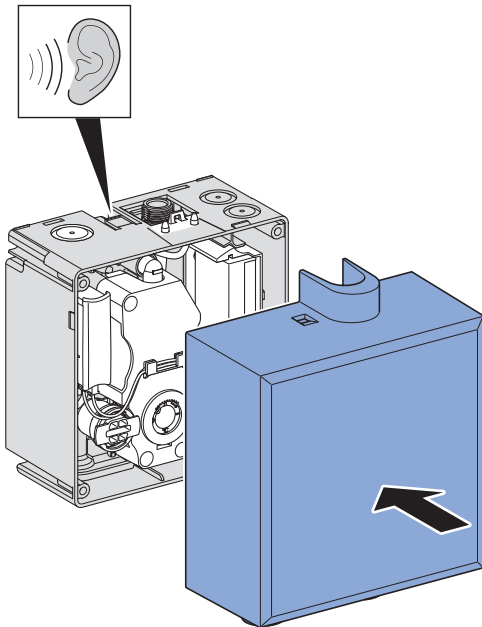
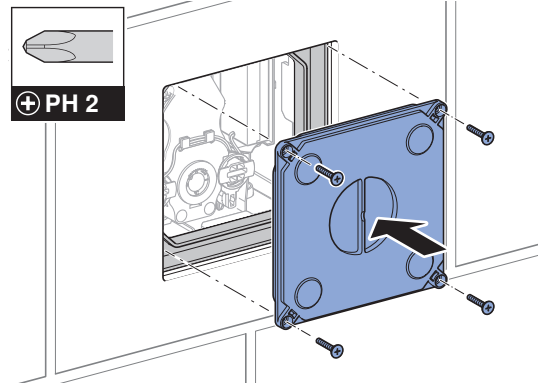
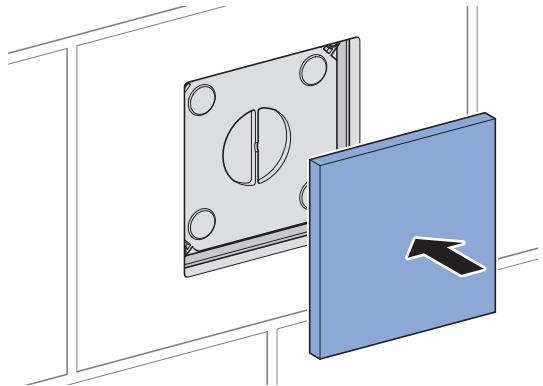


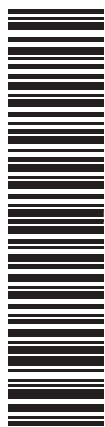
→ **4 C**  51



→ **4 D**  51

4**A****1****2****4****B****1****2**

4**C****4****D****1****2**



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