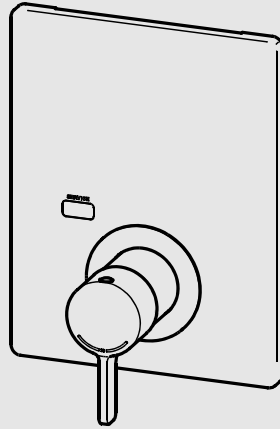
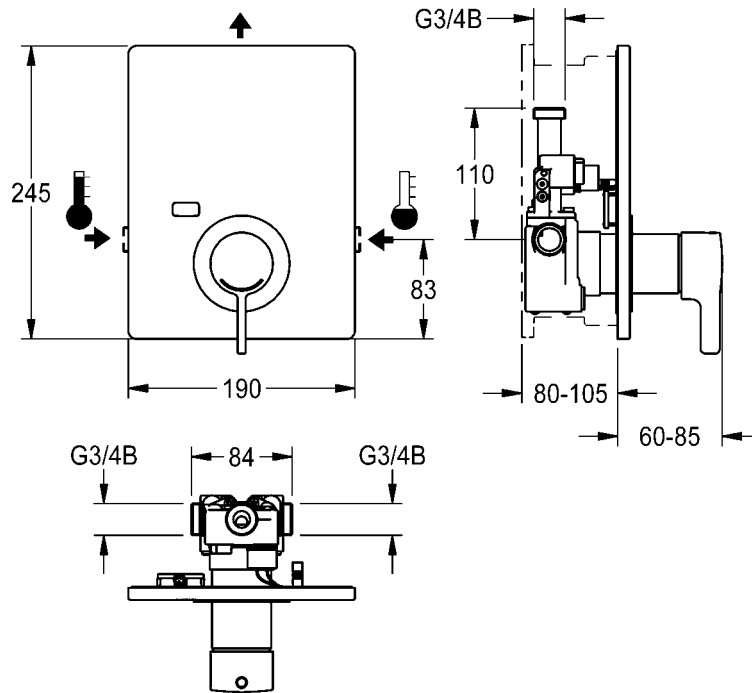
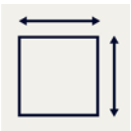
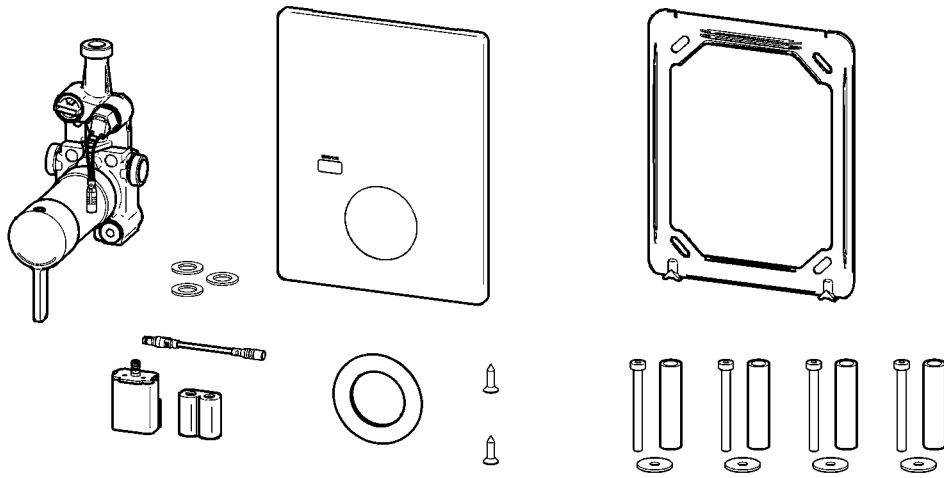


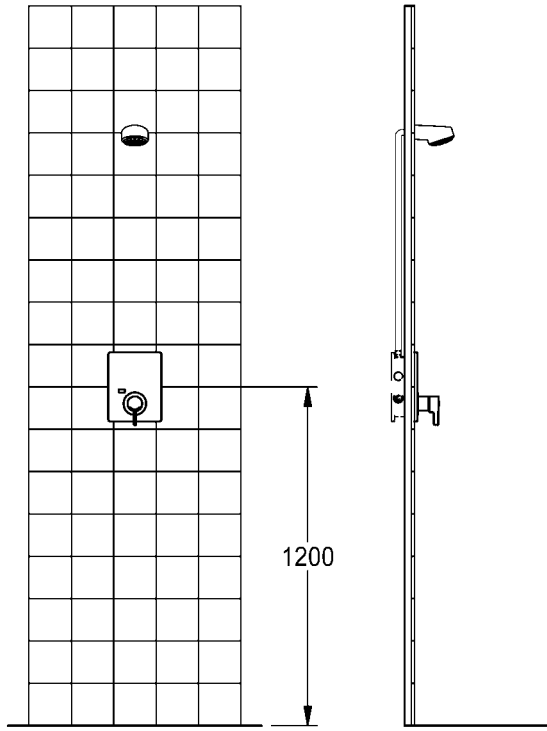
# F5



**F5LT2007**  
**2030066501**  
**7612982289118**

<b>DE</b>	<b>Montage- und Betriebsanleitung</b>	<b>Thermostat-Einbaubatterie</b>
<b>EN</b>	<b>Installation and operating instructions</b>	<b>Thermostatic in-wall mixer</b>
<b>FR</b>	<b>Notice de montage et de mise en service</b>	<b>Mitigeur encastré thermostatique</b>
<b>ES</b>	<b>Instrucciones de montaje y servicio</b>	<b>Batería empotrable de termostato</b>
<b>IT</b>	<b>Istruzioni per il montaggio e l'uso</b>	<b>Miscelatore termostatico a incasso</b>
<b>NL</b>	<b>Montage- en bedrijfsinstructies</b>	<b>Thermostaat-inbouwkraan</b>
<b>PL</b>	<b>Instrukcja montażu i obsługi</b>	<b>Termostatyczna bateria podtynko</b>
<b>SV</b>	<b>Monterings- och driftinstruktion</b>	<b>Termostatenhet för dold montering</b>
<b>CS</b>	<b>Návod pro montáž a provoz</b>	
<b>FI</b>	<b>Asennus- ja käyttöohje</b>	<b>Seinäasennettava termostaattiha</b>
<b>RU</b>	<b>Инструкция по монтажу и вводу в эксплуатацию</b>	





**EN**

## Installation and operating instructions

### Important notes

- ▶ All work must be carried out in a de-energised state.
- ▶ Before installing flush piping system!
- ▶ Set the scald protection after assembly has been completed.
- ▶ The fitting must be operated only with original mesh filters and return flow inhibitors!
- ▶ The fitting must be checked and maintained at regular intervals depending on the water quality and in accordance with the local conditions, and rules and regulations applicable at the site.

### Technical data

- ▶ Minimum flow pressure 1.0 bar
- ▶ Maximum operating pressure 10 bar
- ▶ Recommended flow pressure 1-5 bar
- ▶ Volume flow at 3 bar (38 °C) flow pressure 14 l/min
- ▶ Bypass volumetric flow Thermal disinfection at 3 bar 3,3 l/min
- ▶ Thermostatic scald protection according to DIN EN 1111
- ▶ maximum cold water temperature 15 °C
- ▶ minimum hot water temperature 60 °C
- ▶ maximum operating temperature
  - continuous operation 70 °C
  - short-term (<10 min) 80 °C
- ▶ Voltage supply with lithium battery CRP2 6 V DC
- ▶ Power consumption 1,5 W
- ▶ Type of protection IP 59k (in assembled condition)

**DE**

## Montage- und Betriebsanleitung

### Wichtige Hinweise

- ▶ Alle Arbeiten im spannungsfreien Zustand durchführen.
- ▶ Vor Installation Rohrleitungen spülen!
- ▶ Nach erfolgter Montage den Verbrühungsschutz einstellen.
- ▶ Armatur nur mit original Sieben und Rückflussverhinderern betreiben!
- ▶ In Abhängigkeit von der Wasserqualität, den örtlichen Gegebenheiten und den vor Ort geltenden Bestimmungen die Armatur in regelmäßigen Abständen prüfen und warten.

### Technische Daten

- ▶ Mindestfließdruck 1,0 bar
- ▶ Maximaler Betriebsdruck 10 bar
- ▶ Empfohlener Fließdruck 1-5 bar
- ▶ Volumenstrom bei 3 bar (38 °C) Fließdruck 14 l/min
- ▶ Volumenstrom Bypass Thermische Desinfektion bei 3 bar 3,3 l/min
- ▶ Thermostatischer Verbrühungsschutz laut DIN EN 1111
- ▶ maximale Kaltwassertemperatur 15 °C
- ▶ minimale Warmwassertemperatur 60 °C
- ▶ maximale Betriebstemperatur
  - Dauerbetrieb 70 °C
  - Kurzzeit (<10 min) 80 °C
- ▶ Spannungsversorgung  
Lithium Batterie CRP2 6 V DC
- ▶ Leistungsaufnahme 1,5 W
- ▶ Schutzart IP 59k (im zusammengebauten Zustand)

**Ważne wskazówki**

- ▶ Wszystkie prace przeprowadzać po odłączeniu zasilania elektrycznego.
- ▶ Przed instalacją przepłukać rury!
- ▶ Po przeprowadzeniu montażu ustawić zabezpieczenie przed poparzeniem!
- ▶ Armatury należy używać wyłącznie z oryginalnymi sitkami i zaworami zwrotnymi!
- ▶ Armaturę należy poddawać regularnej kontroli i konserwacji w zależności od jakości wody, warunków lokalnych i obowiązujących przepisów.

**Dane techniczne**

- ▶ Minimalne ciśnienie przepływu 1,0 bar
- ▶ Maksymalne ciśnienie robocze 10 barów
- ▶ Zalecane ciśnienie przepływu 1-5 barów
- ▶ Objętościowe natężenie przepływu przy ciśnieniu 3 barów (38 °C) 14 l/min
- ▶ Przepływ obejściowy Dezynfekcja termiczna przy 3 barach 3,3 l/min
- ▶ Termostatyczne zabezpieczenie przed poparzeniem zgodnie z DIN EN 1111
- ▶ maksymalna temperatura wody zimnej 15°C
- ▶ minimalne temperatura wody ciepłej 60°C
- ▶ Maksymalna temperatura eksploatacji
  - Praca stała 70 °C
  - Czas krótki (<10 min) 80 °C
- ▶ Zasilanie elektryczne baterią litową CRP2 6 V DC
- ▶ Pobór mocy 1,5 W
- ▶ Rodzaj ochrony IP 59k (w zmontowanym stanie)

**Viktiga informationer**

- ▶ Genomför alla arbeten i spänningslöst tillstånd.
- ▶ Spola igenom rörledningarna före installation!
- ▶ Ställ in skållningsskyddet efter installationen!
- ▶ Använd armaturen endast med originalsilar och originalåterflödesförhindrare!
- ▶ Kontrollera och serva armaturen med intervaller som bestäms av vattenkvaliteten samt de lokala förhållandena och de bestämmelser som gäller där.

**Tekniska data**

- ▶ Minsta hydrauliska tryck 1,0 bar
- ▶ Maximalt driftryck 10 bar
- ▶ Rekommenderat hydrauliskt tryck 1-5 bar
- ▶ Volymstrom vid 3 bar (38 °C) hydrauliskt tryck 14 l/min
- ▶ Volymflöde bypass termisk desinfektion vid 3 bar är 3,3 l/min
- ▶ Termostatstyrt skållningsskydd enligt DIN EN 1111
- ▶ Max. kallvattentemperatur 15 °C
- ▶ Min. varmvattentemperatur 60 °C
- ▶ Maximal driftstemperatur
  - Kontinuerlig drift 70 °C
  - Kort tid (< 10 min) 80 °C
- ▶ Spänningsförsörjning med litiumbatteri CRP2 6 V DC
- ▶ Effektbehov 1,5 W
- ▶ Skyddsklass IP 59k (i hopsatt tillstånd)

**Remarques importantes**

- ▶ Effectuez tous les travaux quand le dispositif est hors tension.
- ▶ Rincer les conduites avant d'installer !
- ▶ Régler le dispositif de protection contre les brûlures après le montage!
- ▶ Ne faire fonctionner la robinetterie qu'avec les filtres et clapets de non retour d'origine !
- ▶ En fonction de la qualité de l'eau, ainsi que des conditions et des dispositions locales, il convient de contrôler et d'entretenir la robinetterie à intervalles réguliers.

**Données techniques**

- ▶ Pression dynamique minimale 1,0 bar
- ▶ Pression de service maximale 10 bars
- ▶ Pression dynamique recommandée 1-5 bars
- ▶ Débit volumique pour 3 bars (38 °C) de pression dynamique 14 l/min
- ▶ Débit volumique de la dérivation de désinfection thermique à 3 bar 3,3 l/min
- ▶ Protection thermostatique contre les échaudures selon DIN EN 1111.
- ▶ Température maximale de l'eau froide : 15 °C
- ▶ Température minimale de l'eau chaude : 60 °C
- ▶ Température de fonctionnement maximale
  - Fonctionnement continu 70 °C
  - Courte période (< 10 min) 80 °C
- ▶ Alimentation en tension avec pile au lithium CRP2 6 V DC
- ▶ Puissance absorbée 1,5 W
- ▶ Type de protection IP 59k (à l'état assemblé)

**Důležité pokyny**

- ▶ Veškeré práce vykonávejte ve stavu bez napětí.
- ▶ Před instalací potrubí propláchněte!
- ▶ Po úspěšné montáži nastavte ochranu proti opáření!
- ▶ Provozovat armaturu jen s originálními sítky a zařízeními proti zpětnému toku!
- ▶ V závislosti na kvalitě vody, místních podmínkách a předpisech platných v místě instalace je nutné provádět v pravidelných intervalech kontrolu a údržbu armatury.

**Technické údaje**

- ▶ Minimální průtočný tlak 1,0 bar
- ▶ Maximální provozní tlak 10 bar
- ▶ Doporučený průtočný tlak 1-5 bar
- ▶ Průtok při průtočném tlaku 3 bar (38 °C) 14 l/min
- ▶ Objemový průtok – bypass Tepelná dezinfekce při 3 bar 3,3 l/min
- ▶ Termostatická ochrana proti opáření podle normy DIN EN 1111
- ▶ Maximální teplota studené vody 15 °C
- ▶ Minimální teplota teplé vody 60 °C
- ▶ Maximální provozní teplota
  - Doba provozu 70 °C
  - Krátký čas (< 10 min.) 80 °C
- ▶ Napájení lithiovou baterií CRP2 6 V DC
- ▶ Příkon 1,5 W
- ▶ Krytí IP 59k (ve smontovaném stavu)

**ES**

## Instrucciones de montaje y servicio

### Indicaciones importantes

- ▶ Todos los trabajos deben realizarse con la tensión de alimentación desconectada.
- ▶ ¡Enjuagar las tuberías antes de instalar!
- ▶ Tras finalizar el montaje, ajustar la protección contra escaldaduras.
- ▶ ¡La grifería debe hacerse funcionar únicamente con los tamices y las válvulas antiretorno originales!
- ▶ En función de la calidad del agua, las condiciones locales y la legislación vigente, realizar las inspecciones y el mantenimiento de la grifería a intervalos regulares.

### Datos técnicos

- ▶ Presión mínima de flujo 1,0 bar
- ▶ Presión máxima de servicio 10 bares
- ▶ Presión de flujo recomendada 1-5 bares
- ▶ Flujo volumétrico con 3 bares (38 °C) de presión de flujo 14 l/min
- ▶ Caudal de derivación de desinfección térmica a 3 bar 3,3 l/min
- ▶ Protección termostática frente a escaldaduras según DIN EN 1111.
- ▶ Temperatura máxima del agua fría 15 °C
- ▶ Temperatura mínima del agua caliente 60 °C
- ▶ Temperatura de servicio máxima
  - Funcionamiento continuo 70 °C
  - Tiempo breve (< 10 min) 80 °C
- ▶ Alimentación de corriente con batería de litio CRP2 6 V DC
- ▶ Consumo de potencia 1,5 W
- ▶ Modo de protección IP 59k (en estado montado)

**FI**

## Asennus- ja käyttöohje

### Tärkeitä ohjeita

- ▶ Kaikki työt on tehtävä jännitteettömälle järjestelmälle.
- ▶ Huuhtelee putkijohdot ennen asennusta!
- ▶ Kun asennus on tehty, säädä palovammasuoja!
- ▶ Käytä varusteet vain alkuperäisten sihtien ja takaisinvirtauksen eston kanssa!
- ▶ Hana tulee tarkistaa ja huoltaa säännöllisin väliajoin veden laadusta, paikallisista oloista ja paikalla voimassa olevista määräyksistä riippuen.

### Tekniset tiedot

- ▶ Vähimmäisvirtauspaine 1,0 bar
- ▶ Suurin käyttöpaine 10 bar
- ▶ Suositeltava virtauspaine 1-5 bar
- ▶ Tilavuusvirta 3 barin (38 °C) virtauspaineella 14 l/min
- ▶ Tilavuusvirran ohituksen terminen desinfiointi 3 baarissa 3,3 l/min
- ▶ Termostaattinen kuumavesisuoja DIN EN 1111 mukaan
- ▶ kylmän veden enimmäislämpötila 15 °C
- ▶ lämpimän veden vähimmäislämpötila 60 °C
- ▶ Maksimaalinen käyttölämpötila
  - Jatkuva käyttö 70 °C
  - Lyhyt aika (<10 min) 80 °C
- ▶ Jännitteensyöttö litiumparistolla CRP2 6 V DC
- ▶ Tehonkulutus 1,5 W
- ▶ Suojaustapa IP 59k (kootussa tilassa)

**Avvertenze importanti**

- ▶ Eseguire tutti i lavori fuori tensione.
- ▶ Sciacquare le tubazioni prima di installare!
- ▶ A montaggio avvenuto impostare la protezione dalle scottature!
- ▶ Utilizzare la rubinetteria esclusivamente con i filtri e le valvole antiriflusso originali!
- ▶ Controllare e sottoporre a manutenzione l'apparecchio ad intervalli regolari, in funzione della qualità dell'acqua, delle caratteristiche locali e delle vigenti disposizioni locali.

**Specifiche tecniche**

- ▶ Pressione idraulica min. 1,0 bar
- ▶ Pressione di esercizio max. 10 bar
- ▶ Pressione idraulica consigliata 1-5 bar
- ▶ Portata volumetrica a 3 bar (38 °C) di pressione idraulica 14 l/min
- ▶ Portata in volume bypass disinfezione termica a 3 bar 3,3 l/min
- ▶ Protezione antiscottatura termostatica secondo DIN EN 1111.
- ▶ Temperatura massima dell'acqua fredda 15 °C
- ▶ Temperatura minima dell'acqua calda 60 °C
- ▶ Temperatura massima di esercizio
  - Funzionamento continuo 70 °C
  - Brevemente (<10 min) 80 °C
- ▶ Alimentazione di tensione con batteria al litio CRP 2 di 6 V DC
- ▶ Potenza assorbita 1,5 W
- ▶ Tipo di protezione IP 59k (Nello stato montato)

**Важные указания**

- ▶ Выполняйте все работы при отключенном напряжении.
- ▶ Перед инсталляцией промыть трубки!
- ▶ После произведенного монтажа настроить защиту от ожогов!
- ▶ Эксплуатировать арматуру только с оригинальными фильтрами и клапанами обратного течения!
- ▶ Арматуру необходимо регулярно чистить и обслуживать в зависимости от качества воды, местных условий и действующих в месте эксплуатации предписаний.

**Технические характеристики**

- ▶ Минимальный гидравлический напор 1,0 бар
- ▶ Максимальное рабочее давление 10 бар
- ▶ Рекомендуемый гидравлический напор 1-5 бар
- ▶ Объемный расход при гидравлическом напоре 3 бар (38 °C) 14 л/мин
- ▶ Объемный расход для байпаса при термической дезинфекции: при 3 бар – 3,3 л/мин
- ▶ Термостатическая система защиты от ожога горячим паром/жидкостью согласно стандарту DIN EN 1111.
- ▶ Максимальная температура холодной воды 15 °C
- ▶ Минимальная температура горячей воды 60 °C
- ▶ Максимальная рабочая температура
  - Непрерывный режим работы 70 °C
  - Короткое время (<10 мин) 80 °C
- ▶ Источник питания - литиевая батарея CRP 2 6 В постоянного тока
- ▶ Потребляемая мощность 1,5 Вт
- ▶ Вид защиты IP 59k (в собранном состоянии)



**Belangrijke aanwijzingen**

- ▶ Alle werkzaamheden in spanningsloze toestand uitvoeren.
- ▶ Voor installatie buisleidingen spoelen!
- ▶ Na de montage de beveiliging tegen verbranding door te heet water instellen!
- ▶ Armatuur alleen met originele zeven en terugstroomkleppen gebruiken!
- ▶ Afhankelijk van de waterkwaliteit, de plaatselijke omstandigheden en de plaatselijke voorschriften de armatuur regelmatig controleren en onderhouden.

**Technische gegevens**

- ▶ Minimale dynamische druk 1,0 bar
- ▶ Maximale werkdruk 10 bar
- ▶ Aanbevolen dynamische druk 1-5 bar
- ▶ Volumestroom bij 3 bar (38 °C) dynamische druk 14 l/min
- ▶ Volumestroom bypass thermische desinfectie bij 3 bar 3,3 l/min
- ▶ Thermostatische beveiliging tegen verbranding volgens DIN EN 1111.
- ▶ maximale koudwatertemperatuur 15 °C
- ▶ minimale warmwatertemperatuur 60 °C
- ▶ Maximale bedrijfstemperatuur
  - Continubedrijf 70 °C
  - Kortstondig (<10 min) 80 °C
- ▶ Spanningsvoorziening d.m.v. lithiumbatterij CRP2 6 V DC
- ▶ Opgenomen vermogen 1,5 W
- ▶ Veiligheidsgraad IP 59k (in gemonteerde toestand)

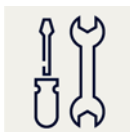


# 1. Montage

EN Installation  
FR Montage  
ES Montaje  
IT Montaggio

NL Montage  
PL Montaż  
SV Montering

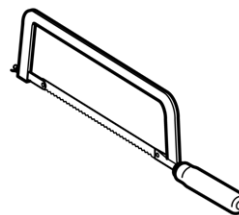
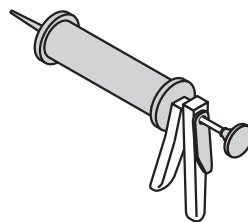
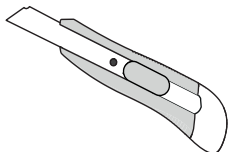
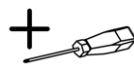
CS Montáž  
FI Asennus  
RU Монтаж



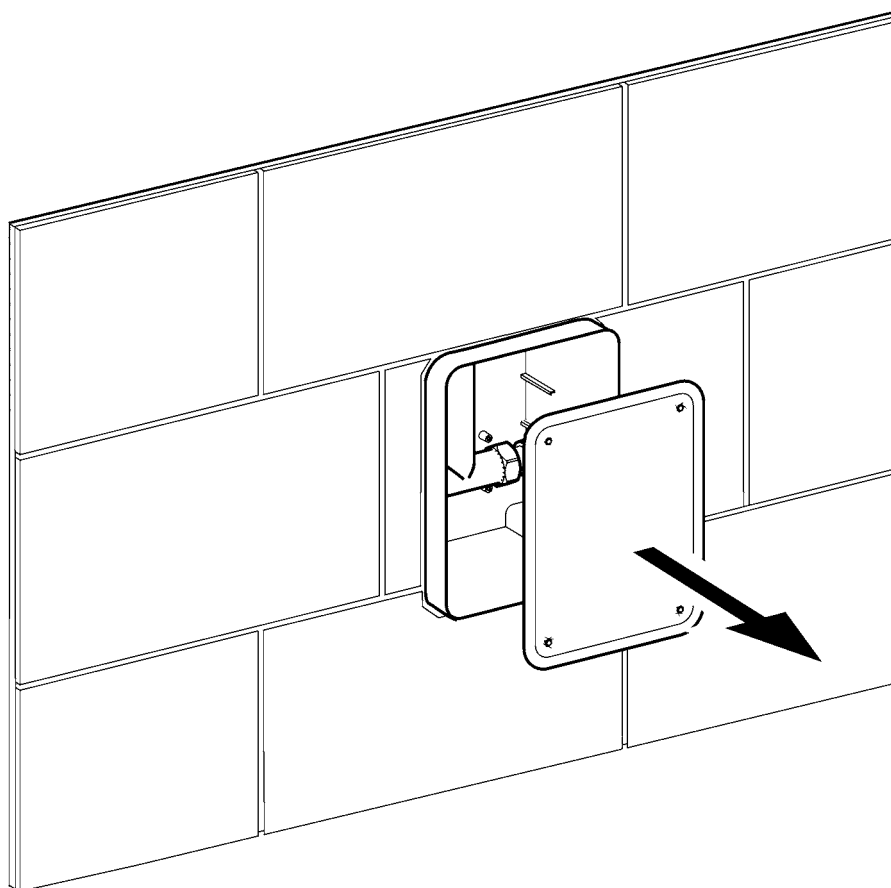
27 mm  
30 mm



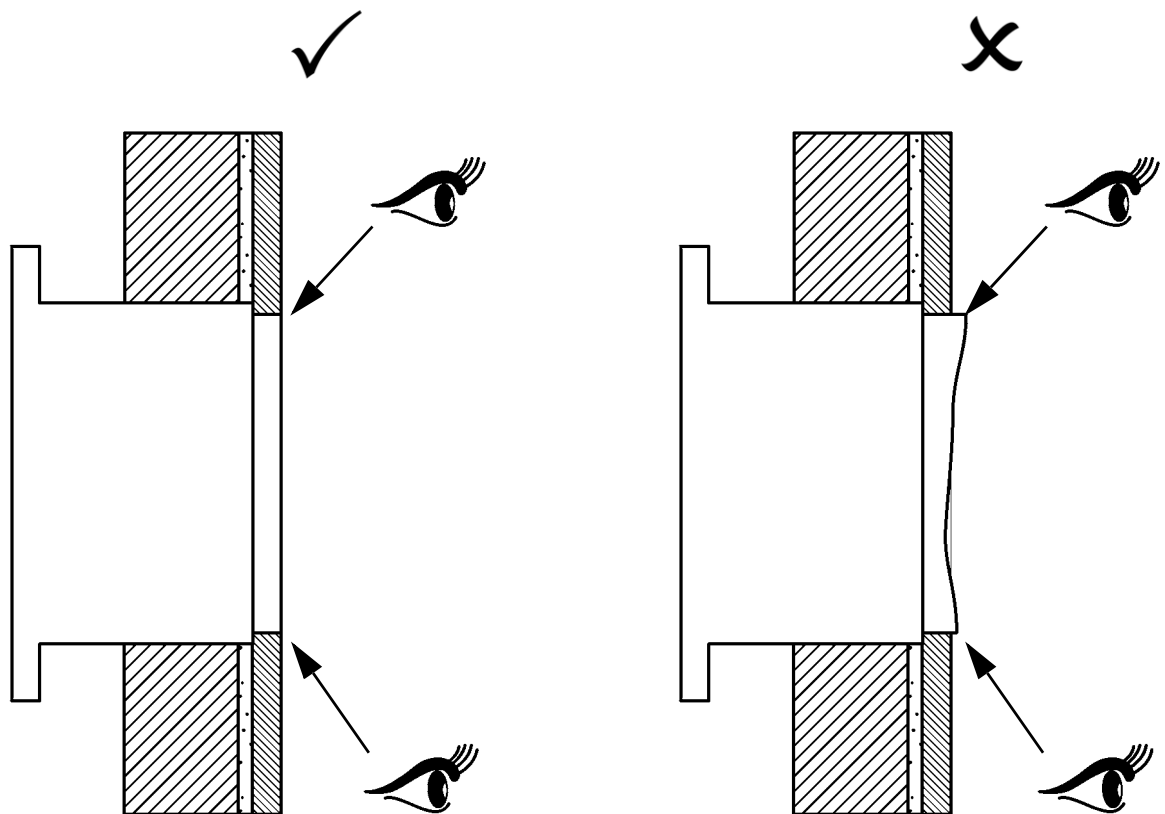
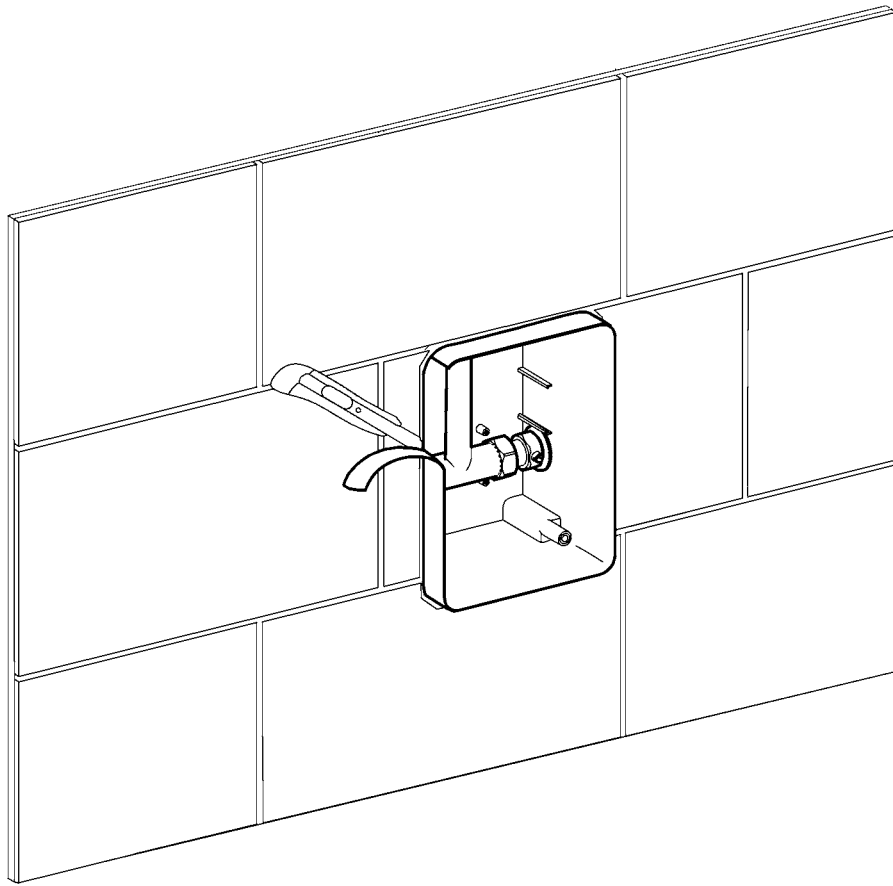
2,5 mm  
3 mm  
5 mm



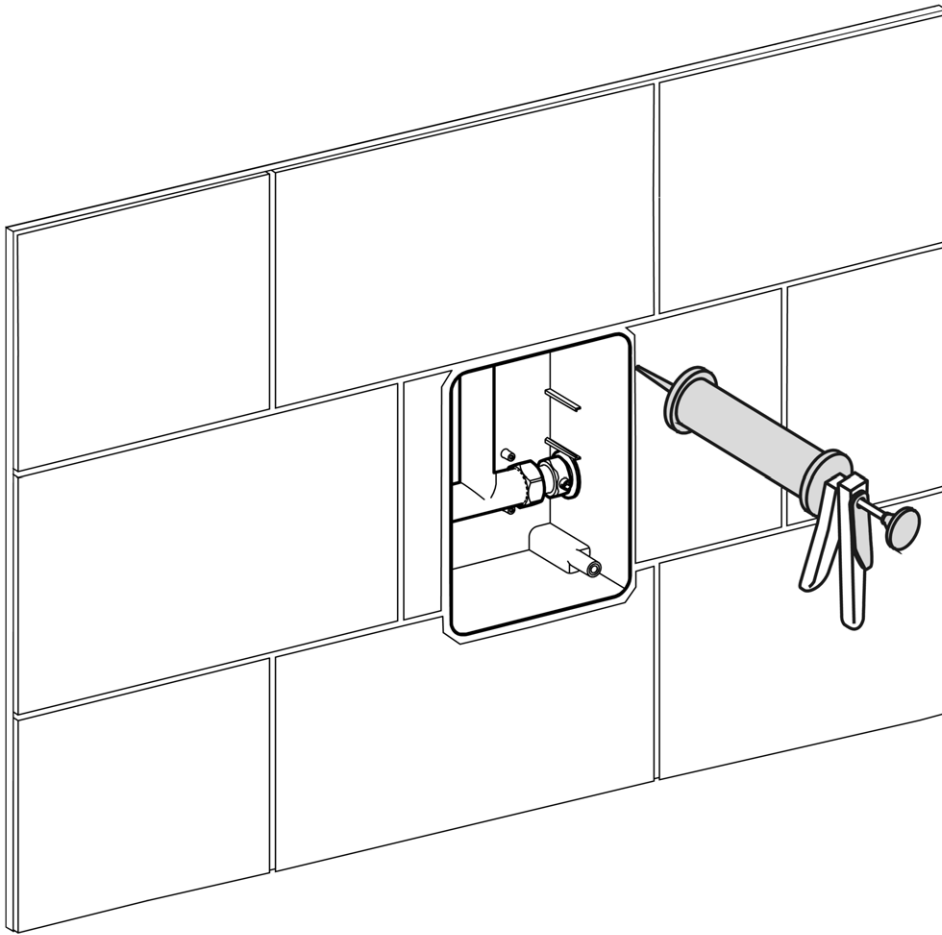
**1**



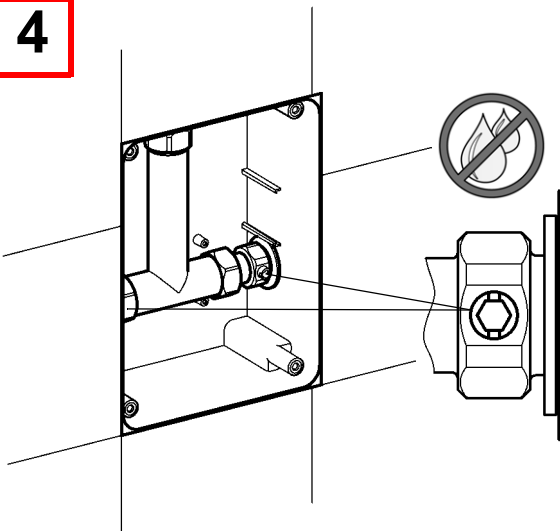
2



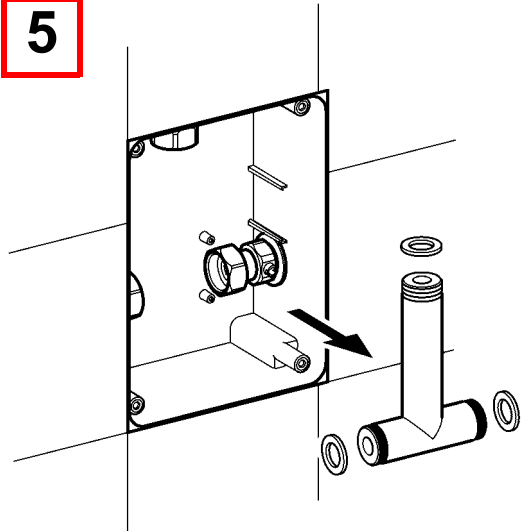
**3**



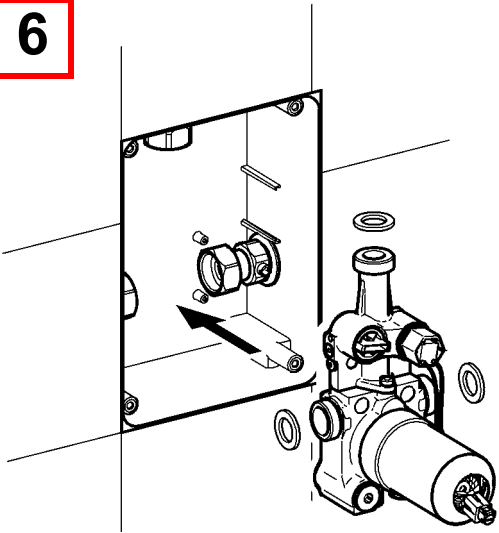
**4**



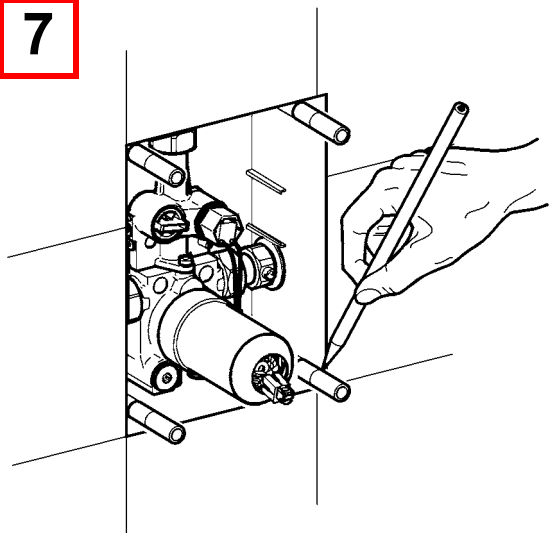
**5**



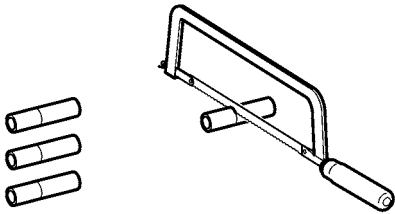
6



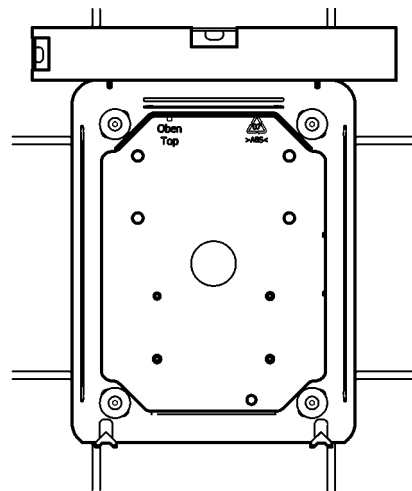
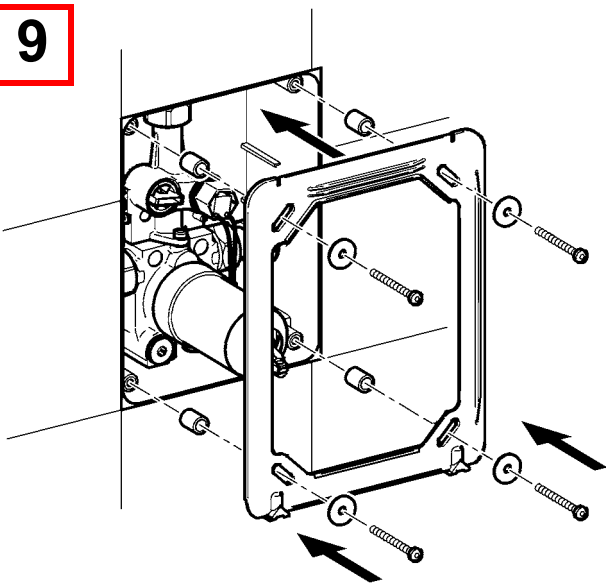
7



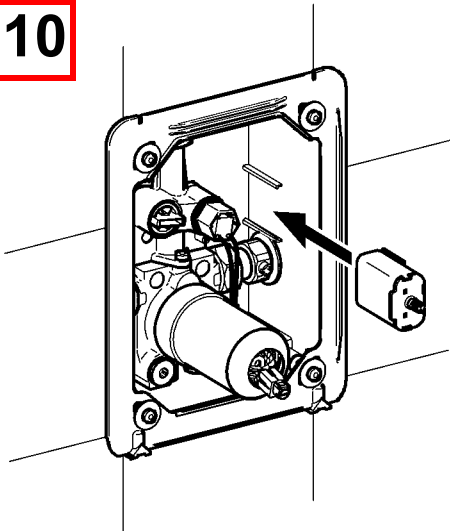
8



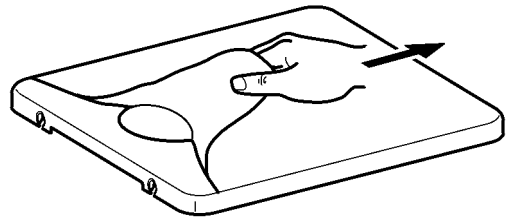
9



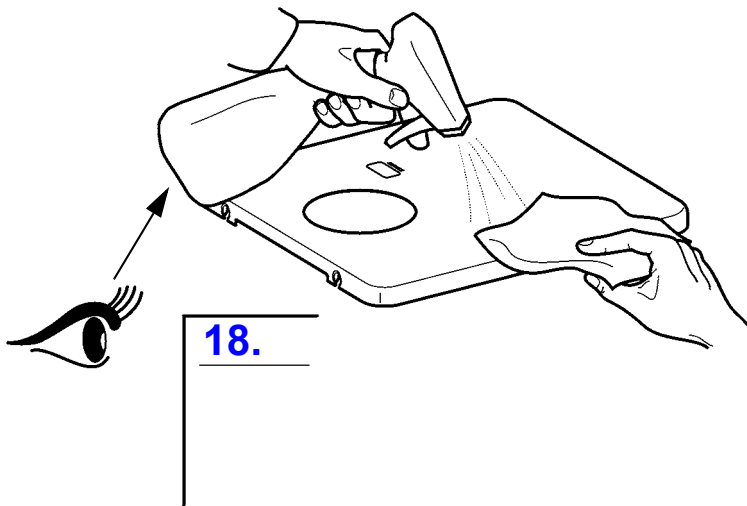
10



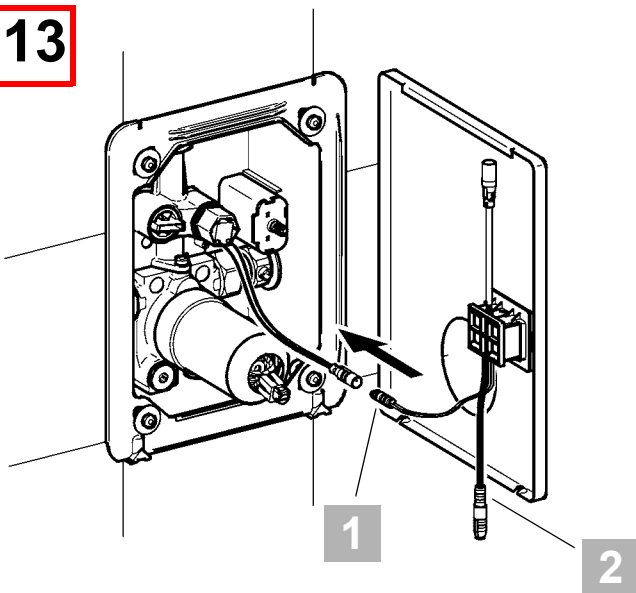
11



12



13



EN 1: Black  
2: Red

PL 1: Czarny  
2: Czerwony

DE 1: Schwarz  
2: Rot

SV 1: Svart  
2: Röd

FR 1: Noir  
2: Rouge

CS 1: černá  
2: Červený

ES 1: Negro  
2: Rojo

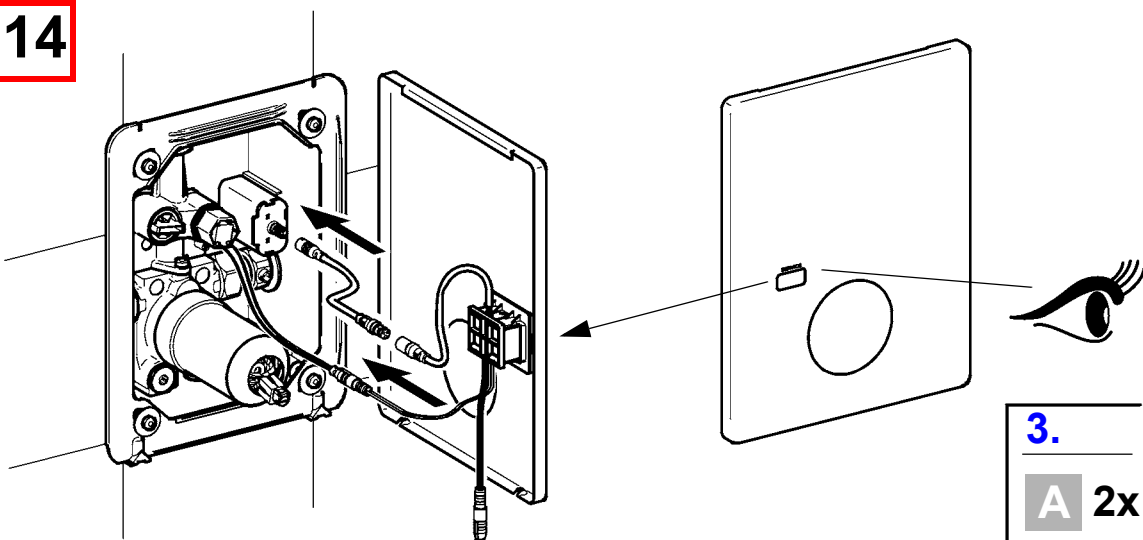
FI 1: Musta  
2: Punainen

IT 1: Nero  
2: Rosso









RU 1: черный  
2: красный

NL 1: Zwart  
2: Rood

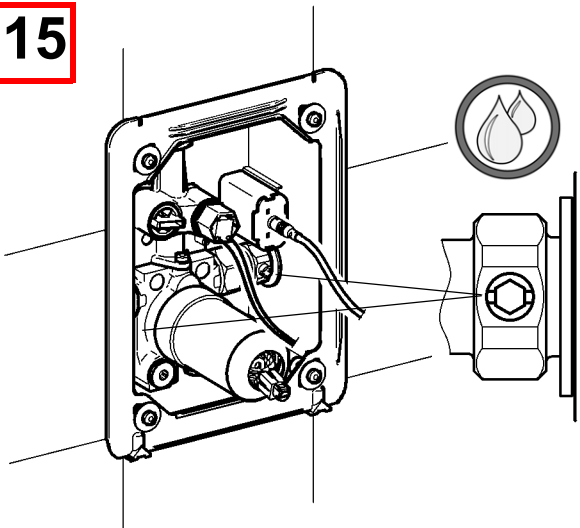
14



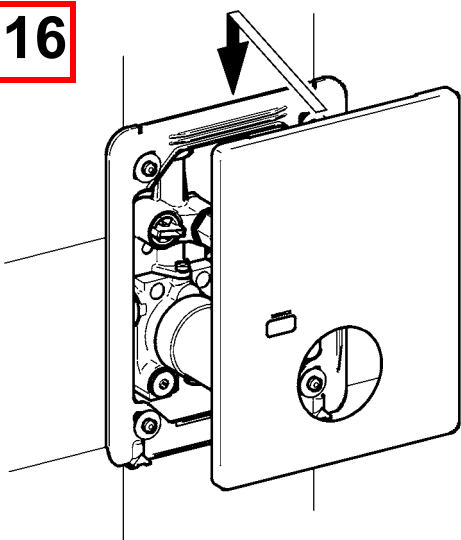
3.

- A 2x    
- B 1x    

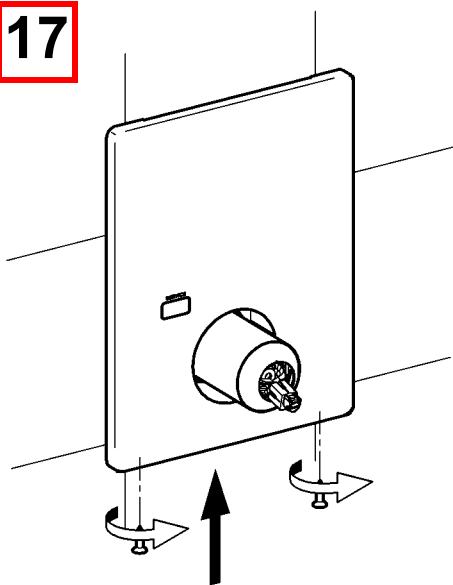
15



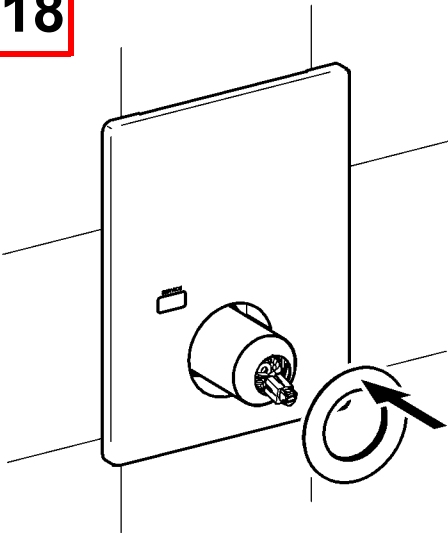
16



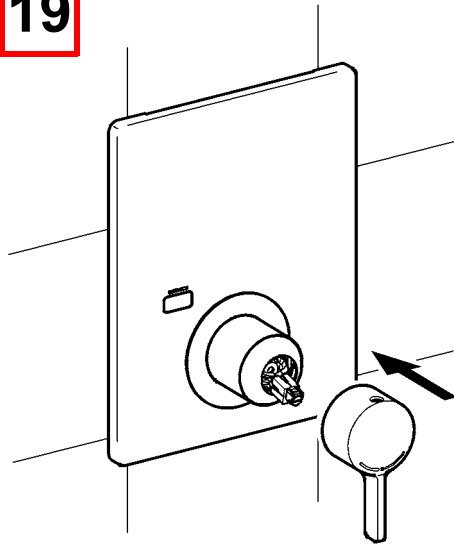
17



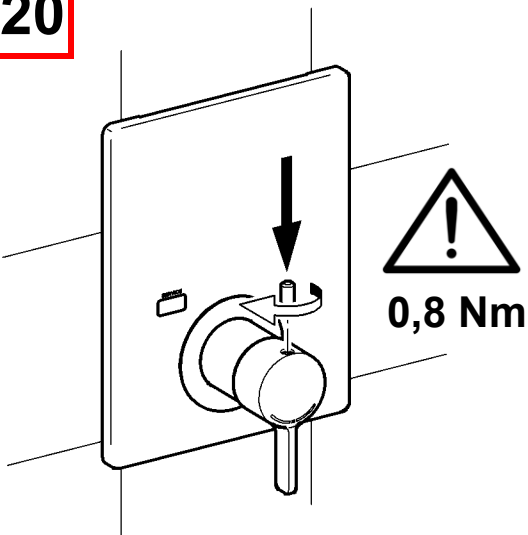
**18**



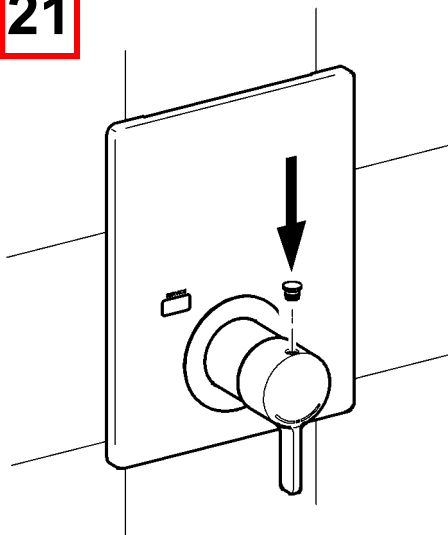
**19**



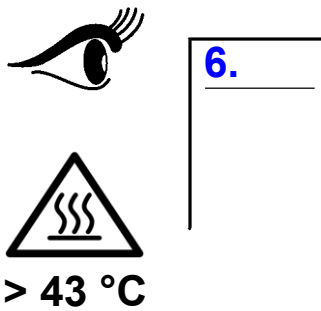
**20**



**21**



**22**





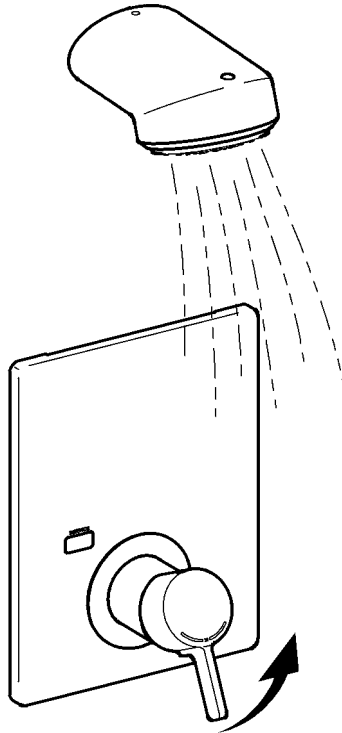
## 2. Funktion

EN Function  
FR Fonctionnement  
ES Función  
IT Funzionamento

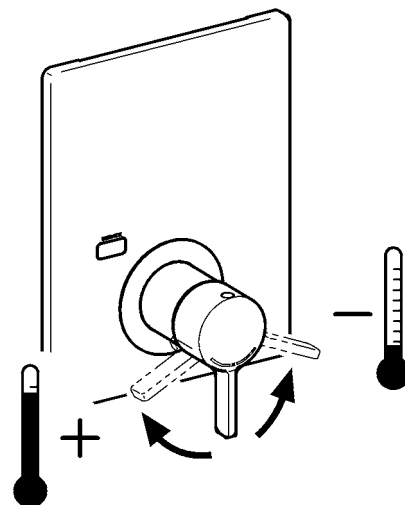
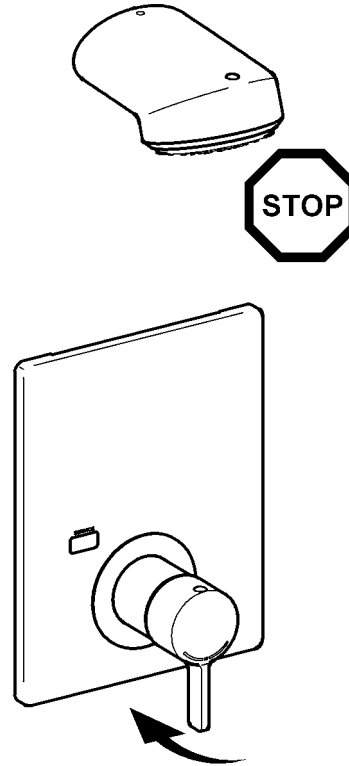
NL Werking  
PL Funkcja  
SV Funktion

CS Funkce  
FI Toiminto  
RU Функционирование

1



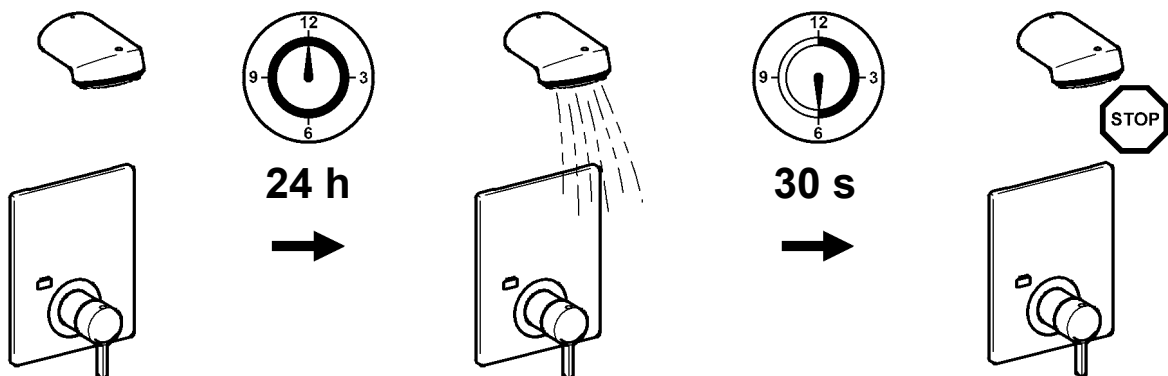
2

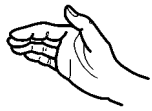


### 3. Hygienspülung ein- / ausschalten

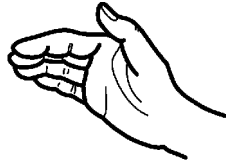
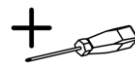
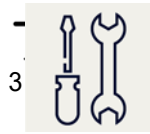
EN Switching hygiene flushing on/off	NL Hygiënische spoeling in-/uitschakelen	CS Zapněte/vypněte hygienické propláchnutí
FR Activer/désactiver le rinçage hygiénique	PL Włączyć/wyłączyć spłukiwanie higieniczne	FI Hygieniahuuhdelun päälle-/ pois päältä kytkeminen
ES Activar/Desactivar el aclarado higiénico	SV Koppla hygienspolningen till / från	RU Гигиеническое промывание включить/выключить
IT Attivare/disattivare lo sciacquo igienico		

- EN**
- ▶ Ensure open outlet.
  - ▶ After 24 h, water flows 30 s
- DE**
- ▶ Freien Auslauf gewährleisten.
  - ▶ Nach 24 h fließt 30 s Wasser.
- FR**
- ▶ Garantir un écoulement libre.
  - ▶ L'eau s'écoule pendant 30 s. après 24 h.
- ES**
- ▶ Garantizar una salida libre.
  - ▶ Después de 24 horas, fluye agua durante 30 segundos.
- IT**
- ▶ Garantire l'erogazione libera.
  - ▶ Dopo 24h scorre acqua per 30 s.
- NL**
- ▶ Vrije uitloop garanderen.
  - ▶ Na 24 uur stroomt er gedurende 30 s. water.
- PL**
- ▶ Zapewnić swobodny wylot.
  - ▶ Po 24 godz., 30 s. wypływa woda.
- SV**
- ▶ Garantera fritt avlopp.
  - ▶ Vatten flyter 30 s efter 24 timmars användningspaus.
- CS**
- ▶ Zajistěte volný odtok.
  - ▶ Po 24 hodinách proudění vody o 30 s.
- FI**
- ▶ Vapaan virtauksen takaaminen.
  - ▶ 24 h jälkeen virtaa vettä 30 s.
- RU**
- ▶ Обеспечить беспрепятственный слив
  - ▶ После 24 ч, в течение 30 сек течёт вода.

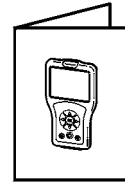
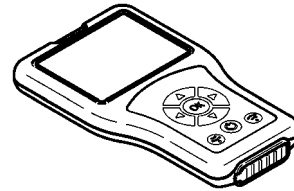
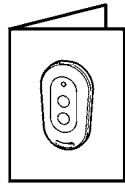
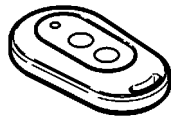




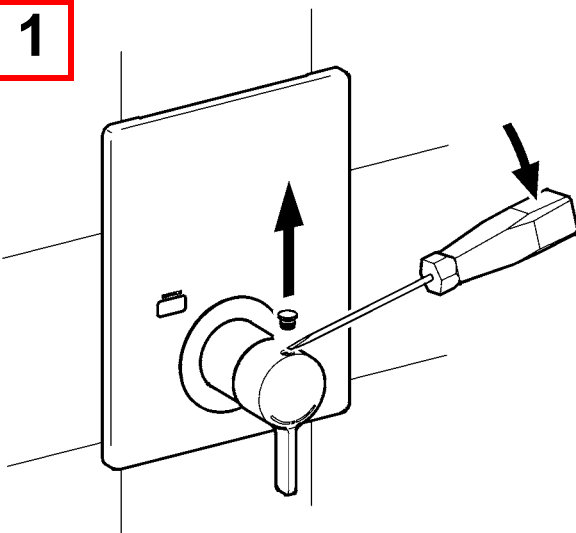
2,5 mm  
5 mm



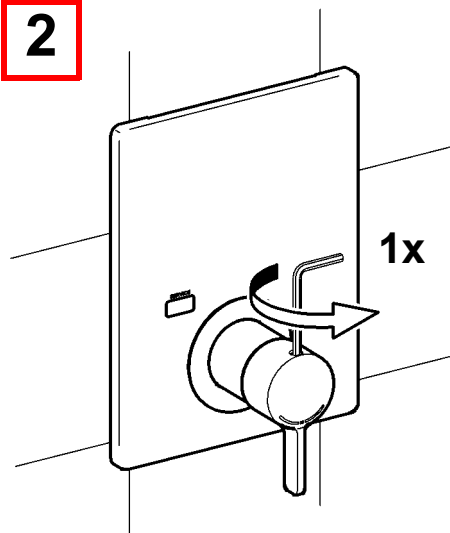
1 - 14



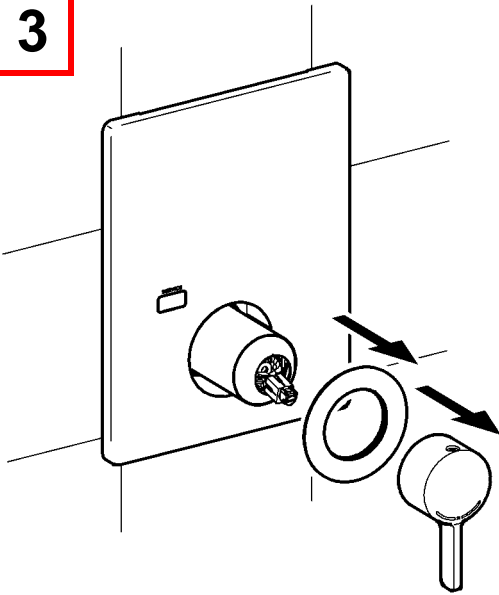
1



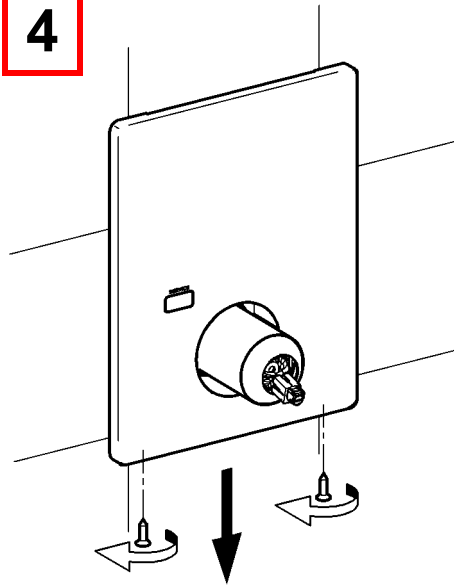
2



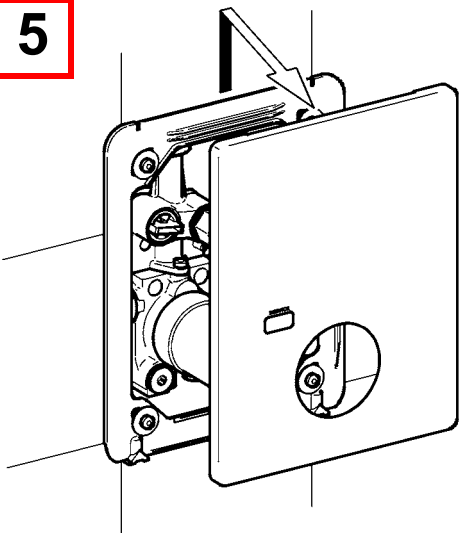
**3**



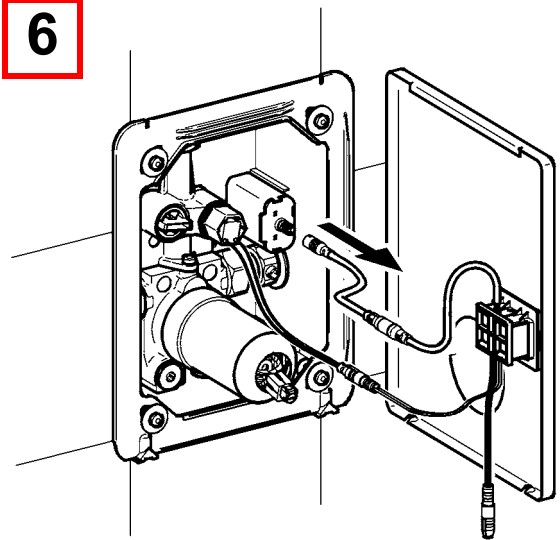
**4**



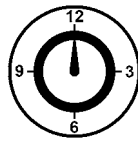
**5**



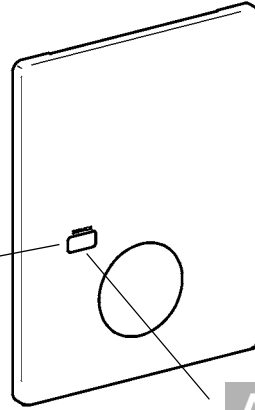
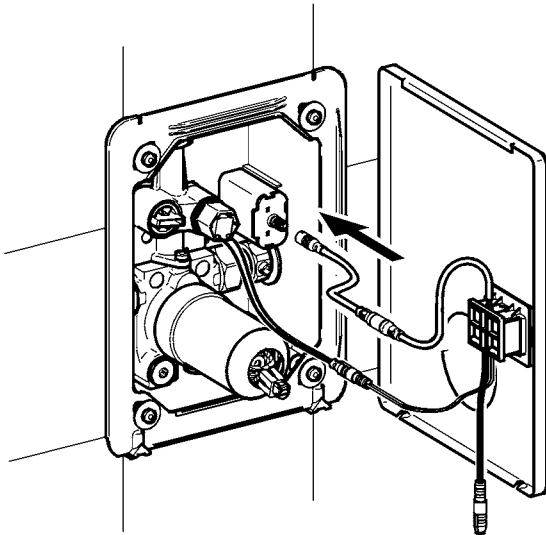
**6**



7



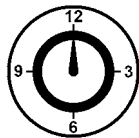
60 s



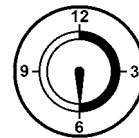
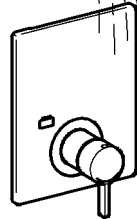
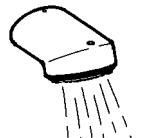
A 2x

B 1x

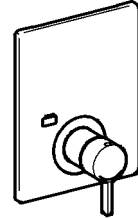
A



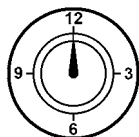
24 h



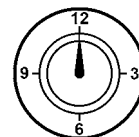
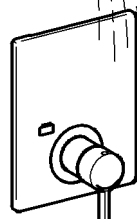
30 s



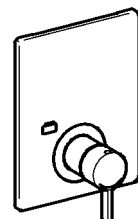
B



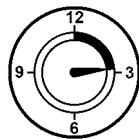
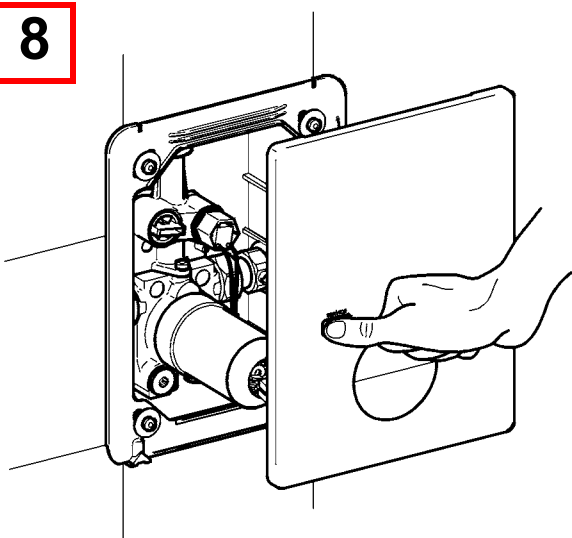
0 h



0 s

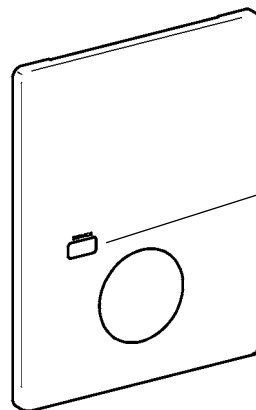
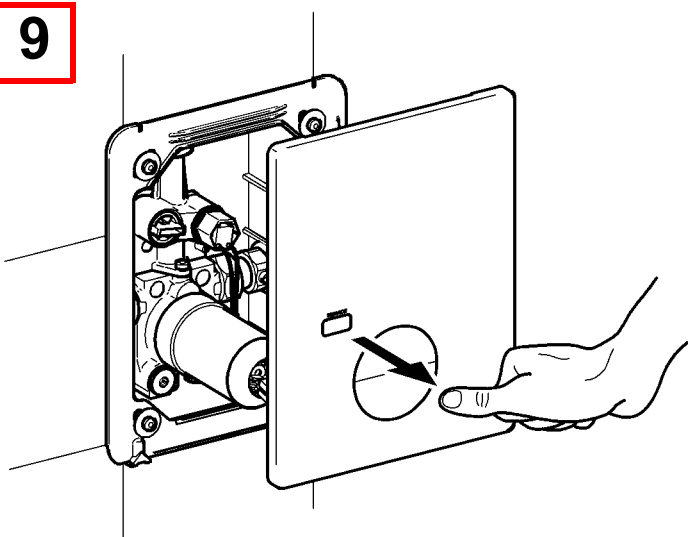


**8**



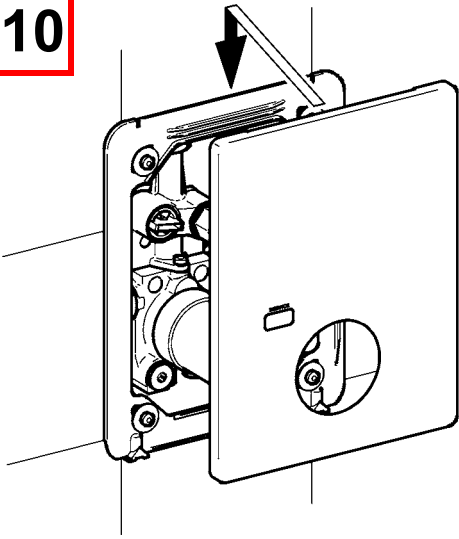
**>12 s**

**9**

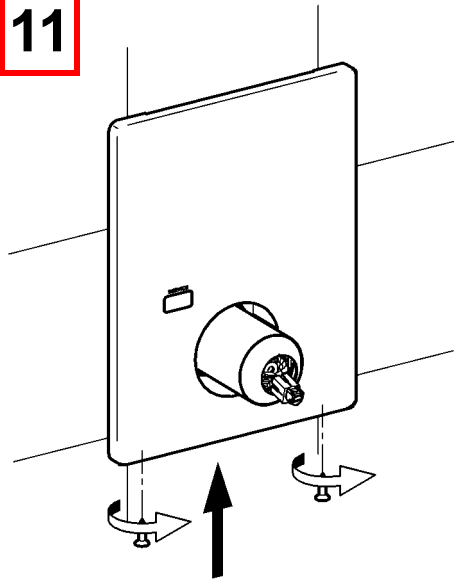


**1x** 

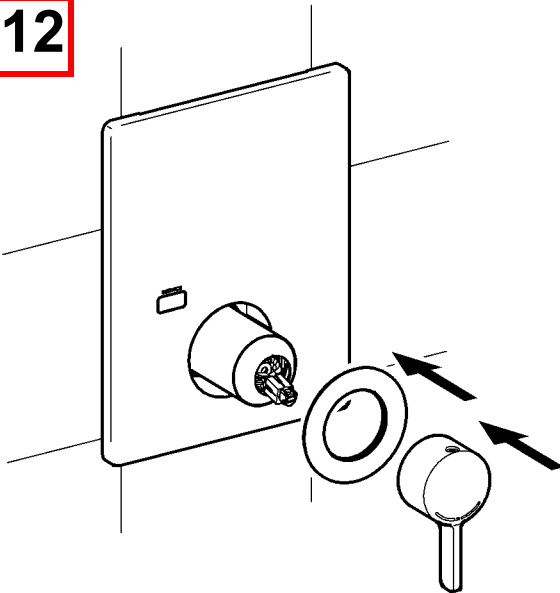
10



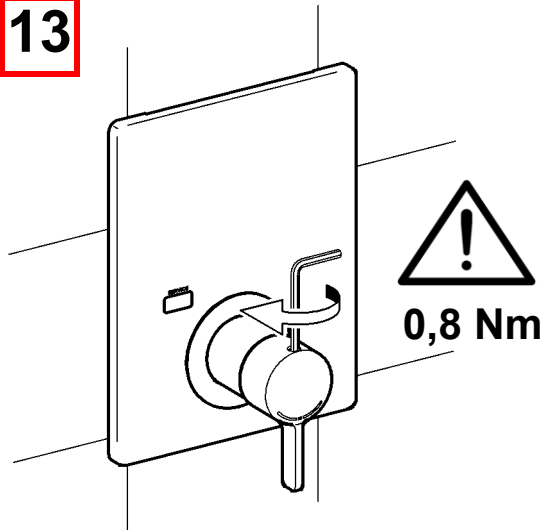
11



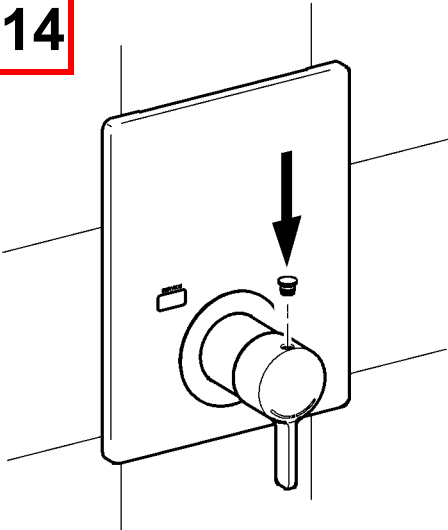
12



13



14

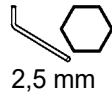
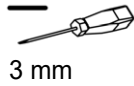


## 4. Thermische Desinfektion - manuell

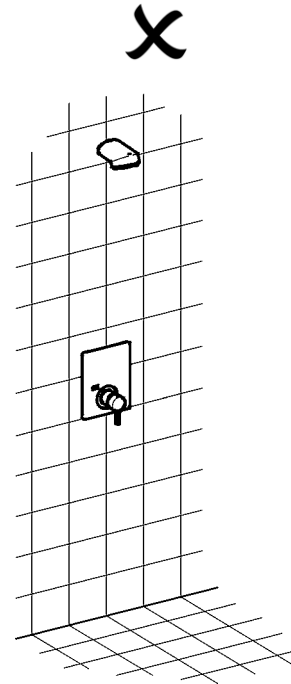
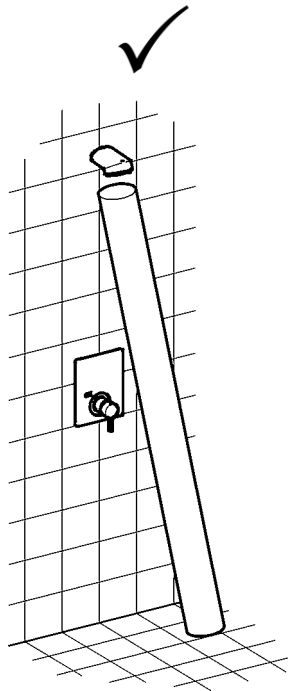
EN Thermal disinfection  
FR Désinfection thermique  
ES Desinfección térmica  
IT Disinfezione termica

NL Thermische desinfectie  
PL Dezynfekcja termiczna  
SV Termisk desinfektion

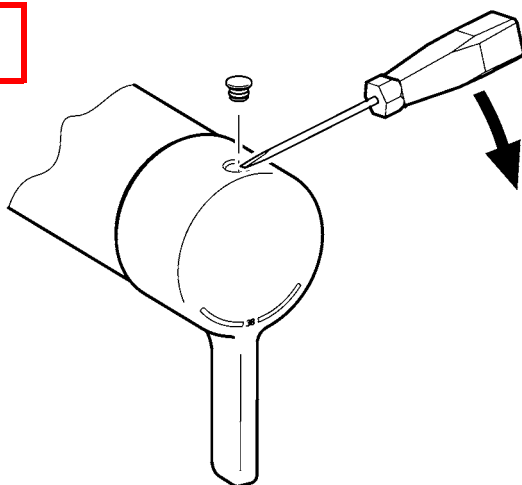
CS Tepelná dezinfekce  
FI Terminen desinfiointi  
RU Термическая дезинфекция



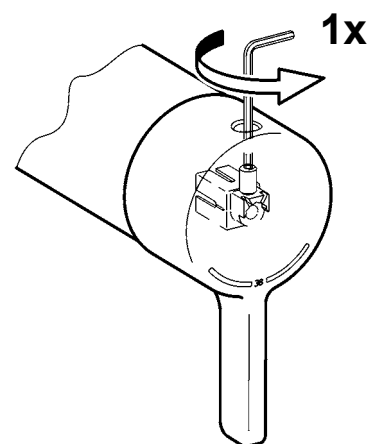
**1**



**2**

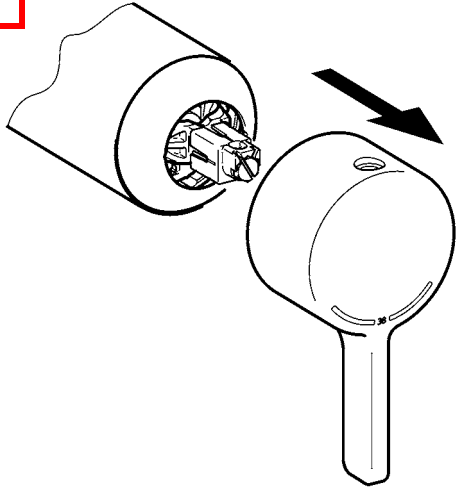


**3**

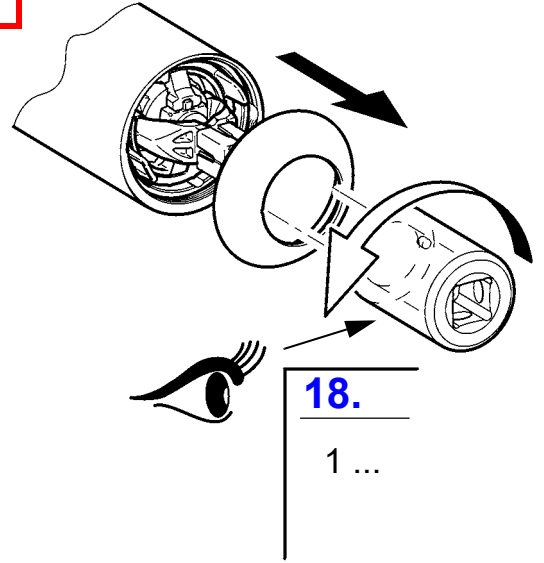




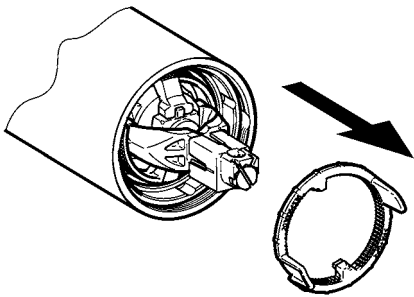
**4**



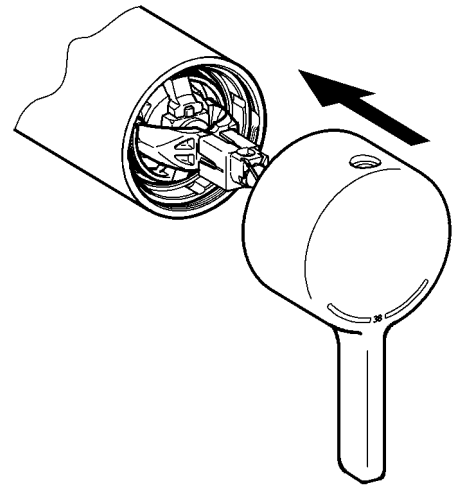
**5**



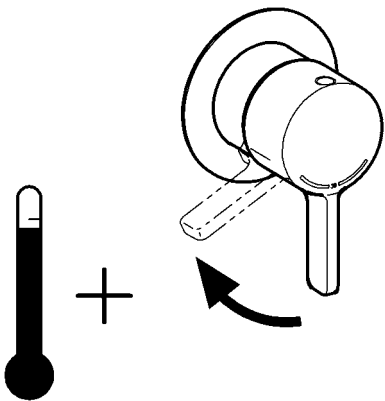
**6**



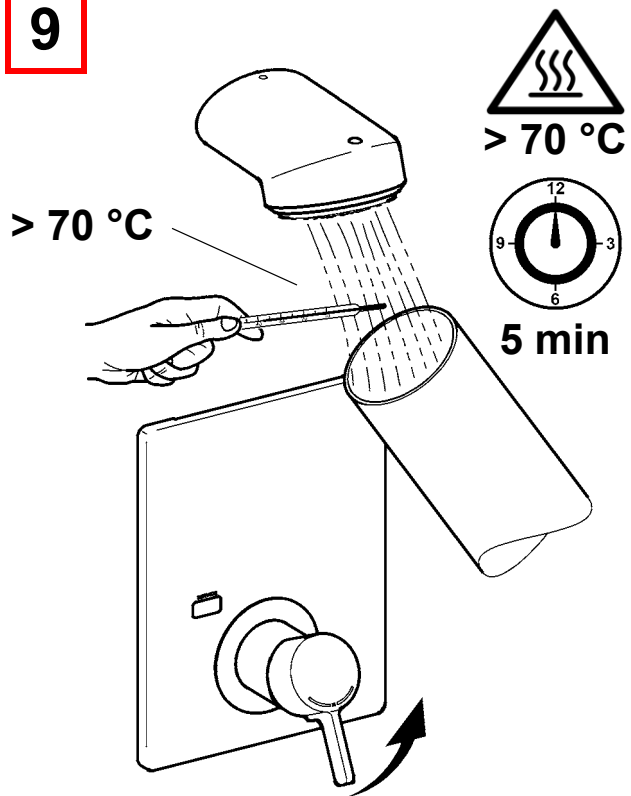
**7**



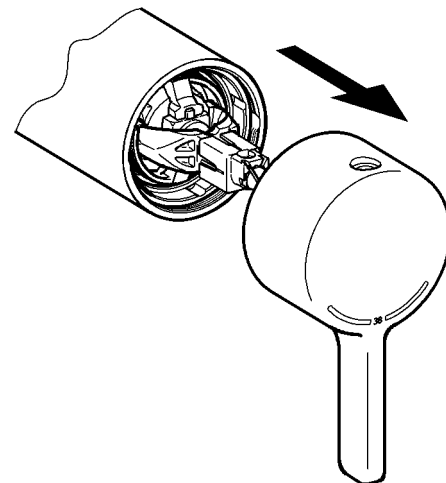
**8**



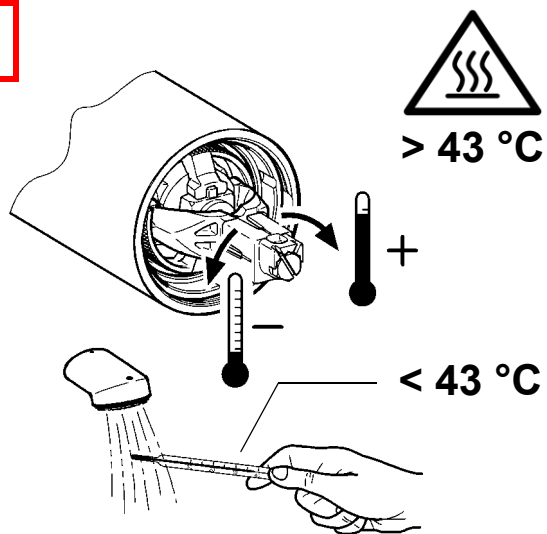
**9**



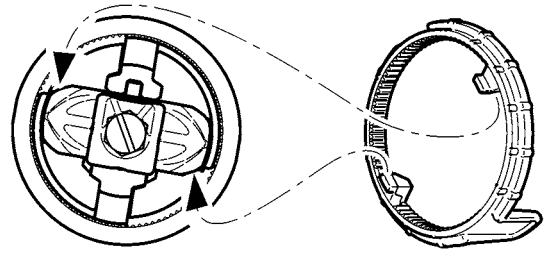
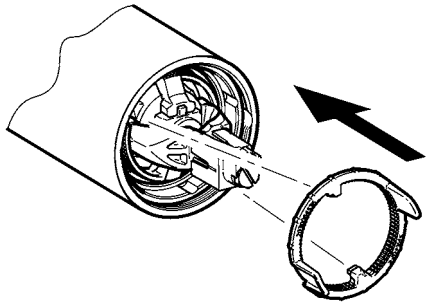
**10**



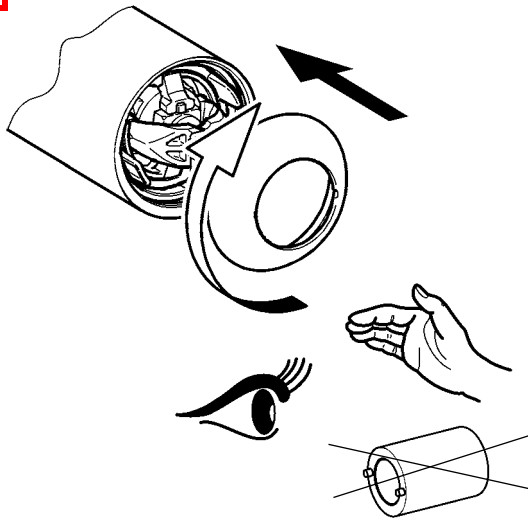
**11**



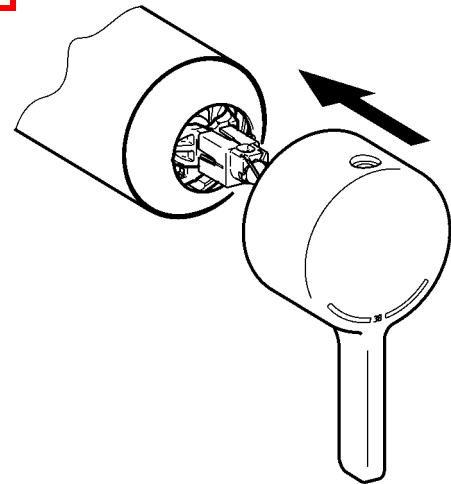
**12**



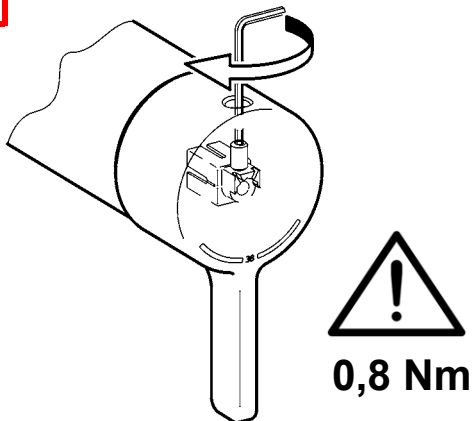
**13**



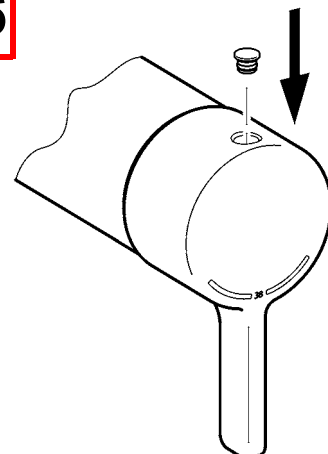
**14**



**15**



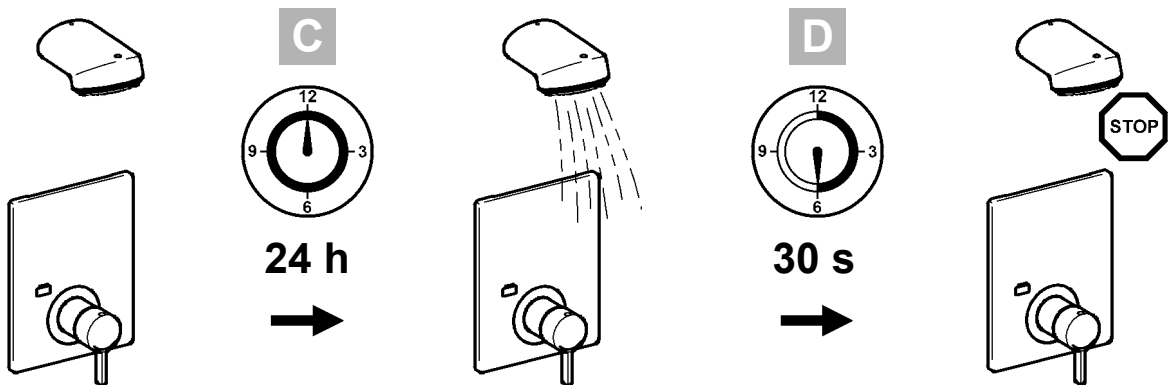
**16**

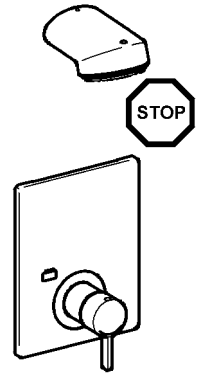
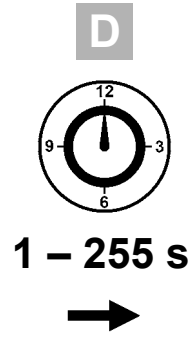
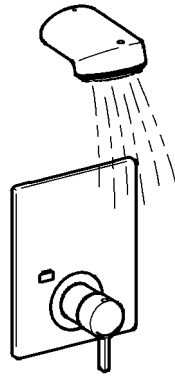
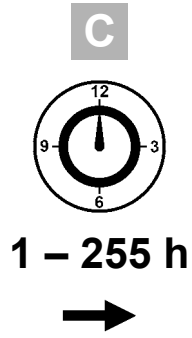
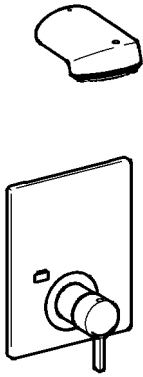
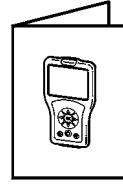
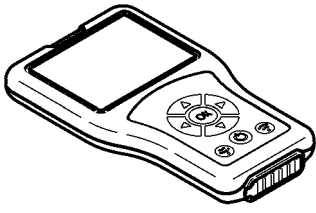


## 5. Hygienespülung einstellen

EN Setting the hygiene flush	NL Instellen van de hygiënespoeling	CS Nastavení hygienického proplachování
FR Réglage de la rinçage d'hygiène	PL Ustawianie spłukiwania higienicznego	FI Hygieniahuuhtelun säätäminen
ES Ajuste del higiene enjuague	SV Ställa in hygienspolning	RU установив гигиена смыва
IT Impostare lo igiene risciacquo		

- EN**
- ▶ C: Interval adjustable in h
  - ▶ D: Flow duration adjustable in s
- DE**
- ▶ C: Intervall einstellbar in h
  - ▶ D: Fließzeit einstellbar in s
- FR**
- ▶ C: intervalle réglable en h
  - ▶ D: durée d'écoulement réglable en s
- ES**
- ▶ C: Intervalo ajustable en horas
  - ▶ D: Tiempo de flujo activable en seg
- IT**
- ▶ C: intervallo impostabile in h
  - ▶ D: durata di flusso impostabile in s
- NL**
- ▶ C: Interval instelbaar in u
  - ▶ D: Stromingstijd instelbaar in s
- PL**
- ▶ C: odstęp czasu regulowany w godzinach
  - ▶ D: czas przepływu regulowany w sekundach
- SV**
- ▶ C: Intervall kan ställas in i timmar
  - ▶ D: Flödestid kan ställas in i sekunder
- CS**
- ▶ C: Interval s nastavením v h
  - ▶ D: Doba průtoku s nastavením v s
- FI**
- ▶ C: Aikaväli, asetettavissa h
  - ▶ D: Virtausaika, asetettavissa s
- RU**
- ▶ C: интервал задается в ч
  - ▶ D: время течения задается в сек





## 6. Verbrühungsschutz einstellen

EN Adjust scald protection	NL Bescherming tegen verbranding instellen	CS Nastavte ochranu proti opaření
FR Réglage du dispositif de protection contre les échaudures	PL Ustawianie zabezpieczenia przed poparzeniem	FI Palovammasuojan asettaminen
ES Ajustar la protección contra escaldaduras	SV Inställning av skållningsskydd	RU Настройка защиты от ошпаривания
IT Impostare la protezione antiscottatura		



### EN

#### Warning

If the hot-water supply temperature is greater than 43 °C, set the scald-protector.

Failure to observe can cause bodily harm due to scalding.

### DE

#### Warnung

Wenn die Temperatur der Warmwasserversorgung mehr als 43 °C beträgt, den Verbrühungsschutz einstellen.

Nichtbeachtung kann Körperverletzung durch Verbrühung bewirken.

### FR

#### Avertissement

Si la température de l'alimentation eau chaude dépasse 43 °C, il convient de régler le dispositif de protection contre les échaudures.

Le non-respect est susceptible de provoquer des blessures corporelles par échaudure.

### ES

#### Aviso

Si la temperatura del suministro de agua caliente es superior a 43°C, de ajusta la protección contra escaldaduras.

La no observación puede tener como consecuencia escaldaduras.

### IT

#### Avvertenza

Se la temperatura dell'alimentazione acqua calda è superiore a 43 °C, impostare la protezione antiscottatura.

La non osservanza può causare ustioni.

### NL

#### Waarschuwing

Indien de temperatuur van de watervoorziening hoger is dan 43 °C, de bescherming tegen verbranding instellen. Veronachtzaming kan letsel door verbranden veroorzaken.

### PL

#### Ostrzeżenie

Jeśli temperatura wody w instalacji doprowadzającej przekracza 43 °C, należy ustawić zabezpieczenie przed poparzeniem.

Nieprzestrzeganie tego zalecenia może prowadzić do urazów ciała spowodowanych poparzeniem.

### SV

#### Varning

Skållningsskyddet ska ställas in om varmvattnet blir varmare än 43 °C. Inställning av skållningsskydd.

Om detta inte efterföljs finns det risk för skållningsskador.

### CS

#### Varování

Když teplota přiváděné teplé vody činí více než 43 °C, nastavte ochranu proti opaření.

Nerespektování může vést k poranění opařením.

### FI

#### Varoitus

Kun lämminvesisyötön lämpötila on enemmän kuin 43 °C, aseta palovammasuoja.

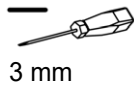
Huomioon ottamatta jättäminen voi saada aikaan vartalovamman palovammasta.

### RU

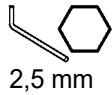
#### Предупреждение

Если температура в линии подачи горячей воды больше 43 °C, настройте защиту от ошпаривания.

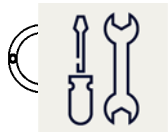
Вследствие несоблюдения данного указания возможно нанесение вреда здоровью в результате ошпаривания.



3 mm



2,5 mm



**1**



4.

**2** - **6**

**2**



4.

**11** - **16**



> 43 °C

## 7. Thermische Desinfektion nachrüsten – elektrisch

EN Retrofit thermal disinfection - electrical

NL Thermische desinfectie monteren - elektrisch

CS Dovybavení tepelné dezinfekce - elektrické

FR Montage ultérieure de la désinfection thermique - électrique

PL Doposażanie dezynfekcji termicznej - układy elektryczne

FI Lämpödesinfiointin jälkivarustelu - sähköinen

ES Reequipamiento eléctrico de la desinfección térmica

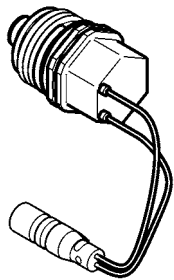
SV Eftermontera termisk desinfektion - elektriskt

RU Дооснащение термической дезинфекции - электрическая часть

IT Montaggio successivo disinfezione termica - parte elettrica



18.



EN Not included in scope of delivery

DE nicht Lieferumfang

PL poza zakresem dostawy

SV ngår ej i leveransen

FR non compris dans la livraison

CS Není součástí dodávky

ES no forma parte del volumen de suministro

FI ei kuulu toimitukseen

IT Non compreso nella fornitura

RU Не входит в объём поставки

NL niet bij levering inbegrepen

## 8. Wartung

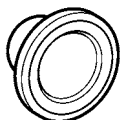
EN Maintenance  
FR Maintenance  
ES Mantenimiento  
IT Manutenzione

NL Onderhoud  
PL Konserwacja  
SV Underhåll

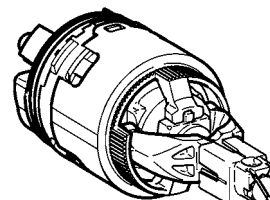
CS Varování  
FI Huolto  
RU Техническое обслуживание



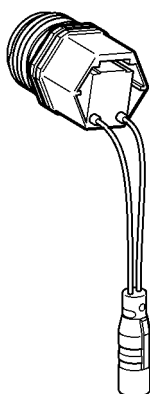
11.



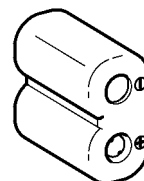
12.



13.

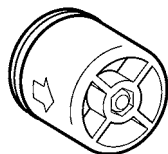


14.

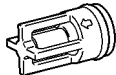


15.

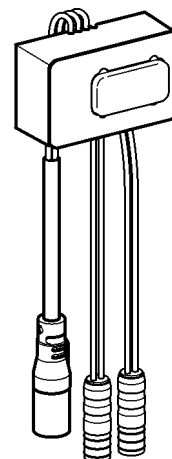
3



4



16.





## 9. Abdeckplatte abnehmen

EN Remove the cover plate

NL Afdekplaat weghalen

CS Sejmutí krycí desky

FR Retrait de la plaque de protection

PL Zdejmowanie płytki maskującej

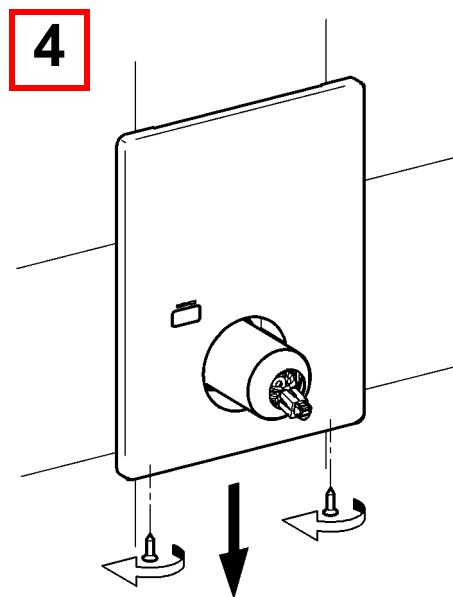
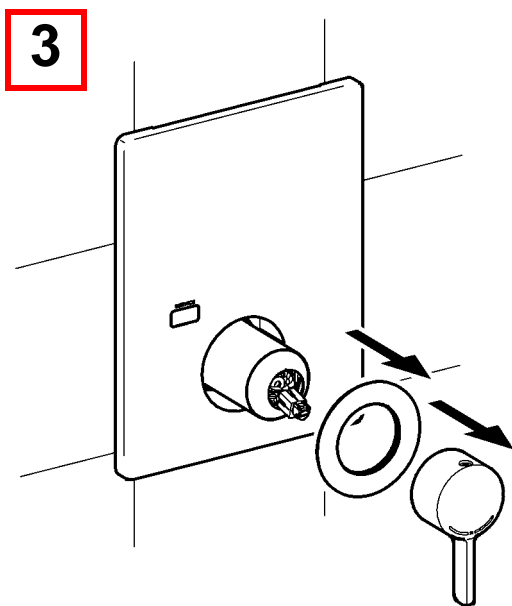
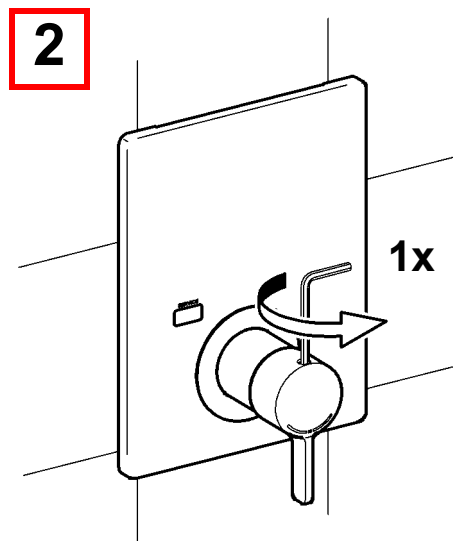
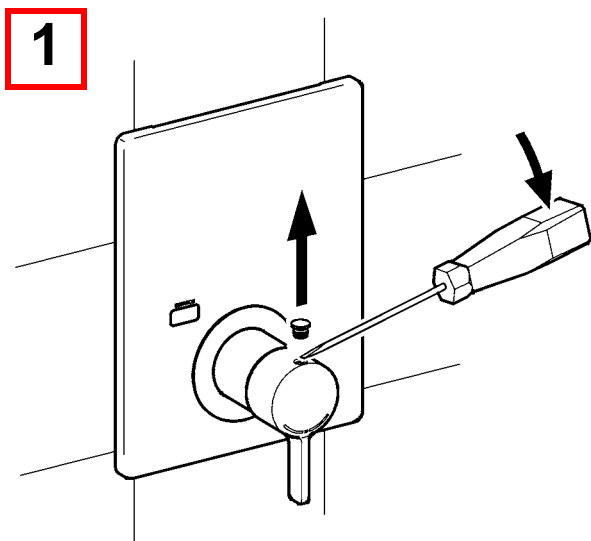
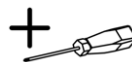
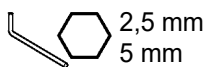
FI Peitelevyn irrottaminen

ES Retirar la placa cobertora

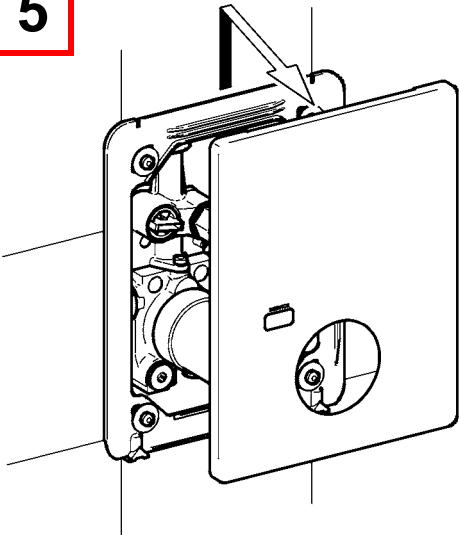
SV Avlägsna täckplattan

RU Демонтаж крышки

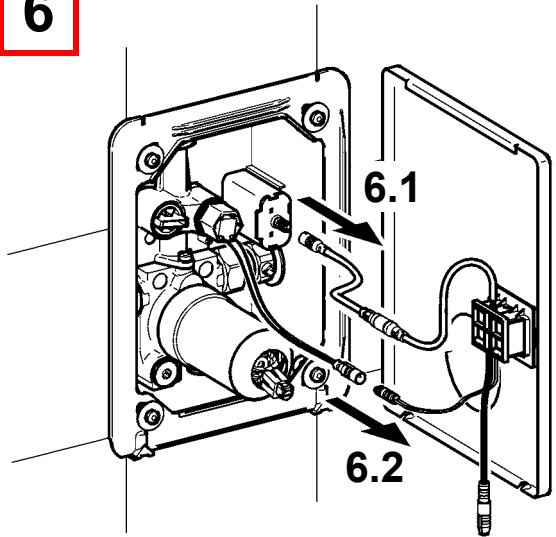
IT Rimozione della piastrina di copertura



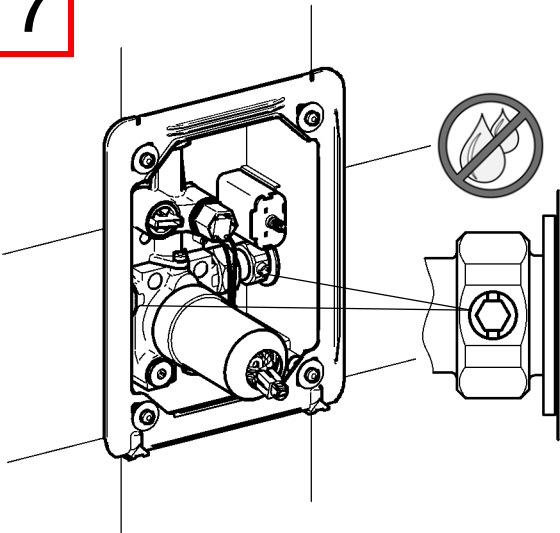
**5**



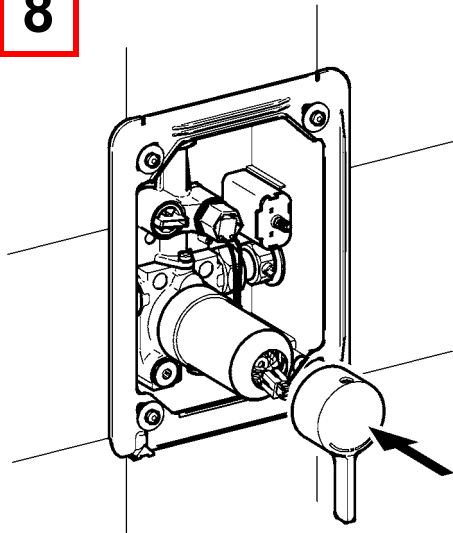
**6**



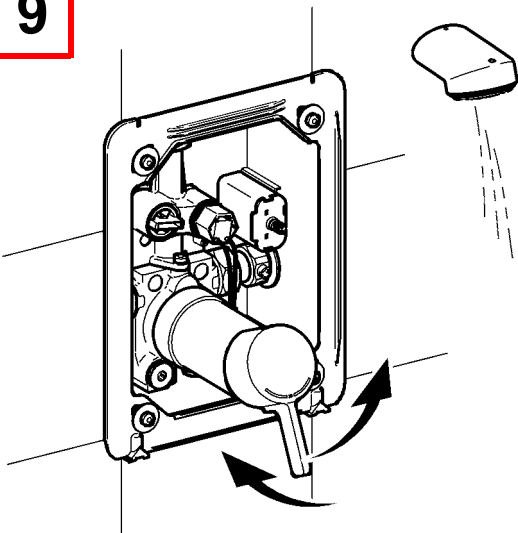
**7**



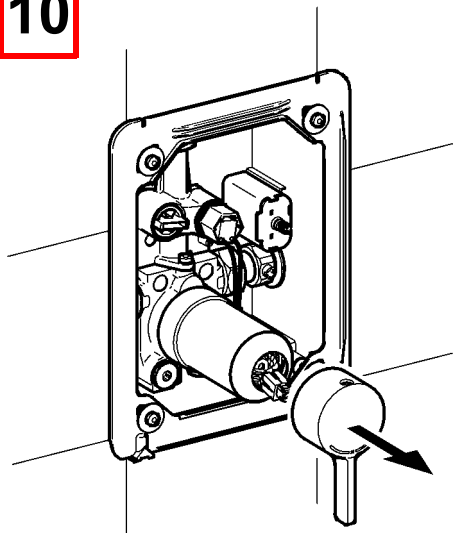
**8**



**9**



**10**



## 10. Abdeckplatte montieren

EN Install the cover plate

NL Afdekplaat monteren

CS Montáž krycí desky

FR Montage de la plaque de protection

PL Montaż płytki maskującej

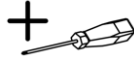
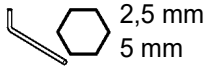
FI Peitelevyn asennus

SV Montera täckplattan

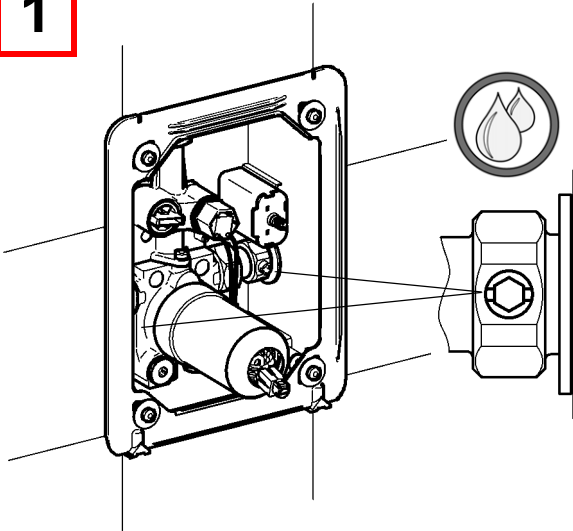
RU Установка крышки

ES Montar la placa cobertora

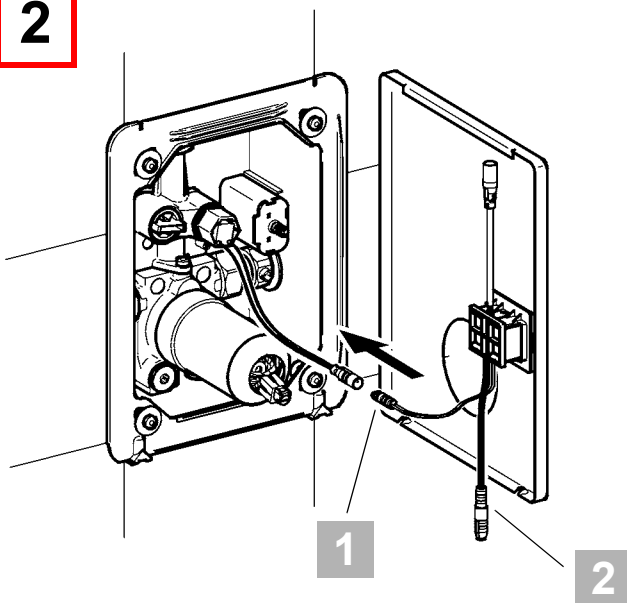
IT Montaggio della piastrina di copertura



1



2



EN 1: Black  
2: Red

PL 1: Czarny  
2: Czerwony

DE 1: Schwarz  
2: Rot

SV 1: Svart  
2: Röd

FR 1: Noir  
2: Rouge

CS 1: černá  
2: Červený

ES 1: Negro  
2: Rojo

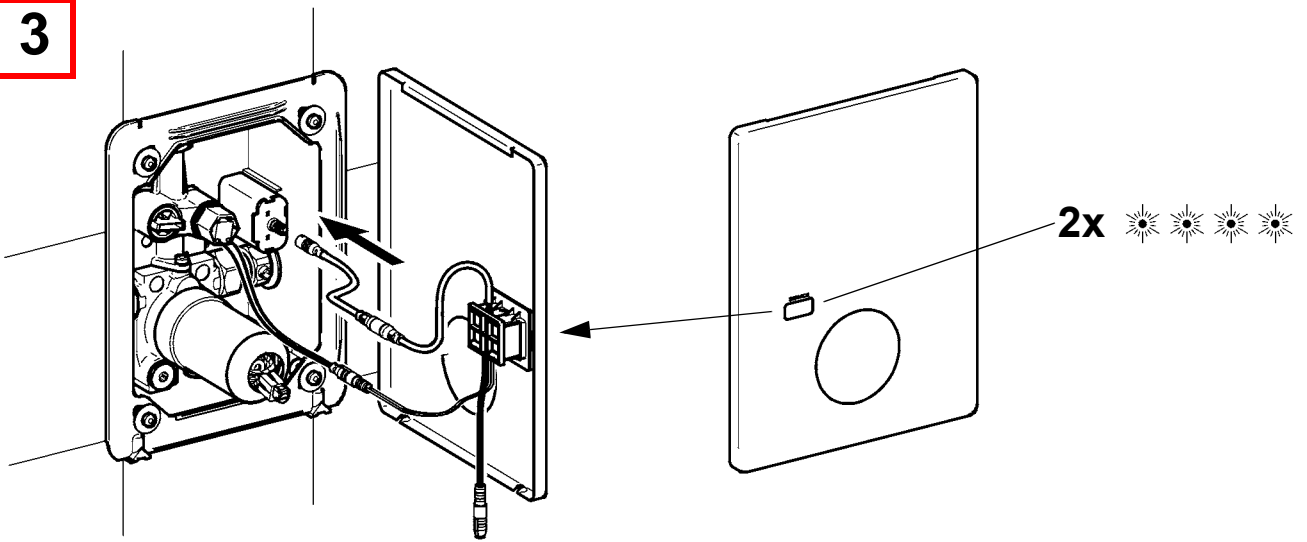
FI 1: Musta  
2: Punainen

IT 1: Nero  
2: Rosso

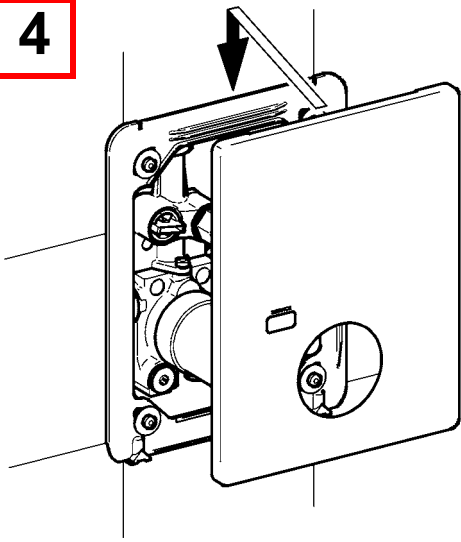
RU 1: черный  
2: красный

NL 1: Zwart  
2: Rood

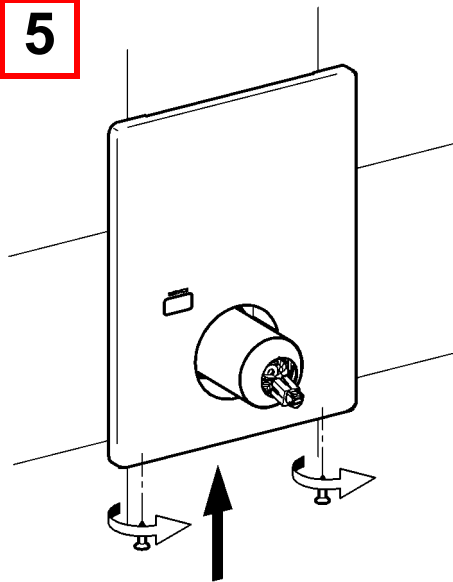
**3**



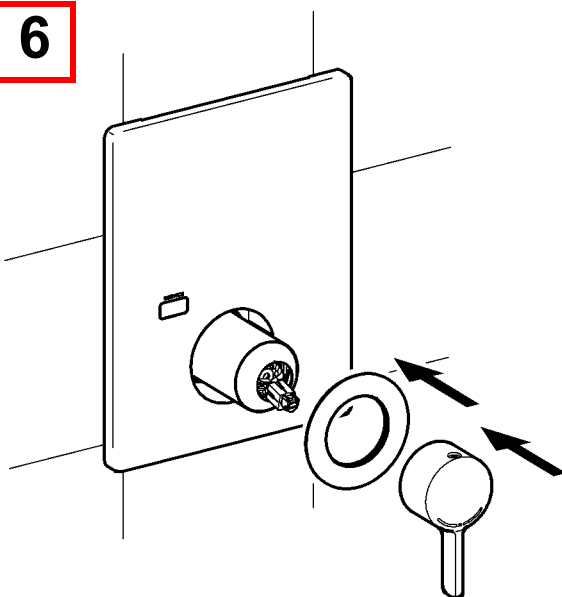
**4**



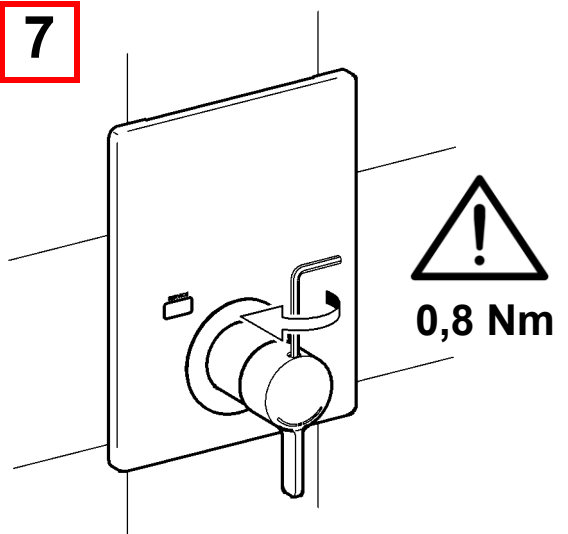
**5**



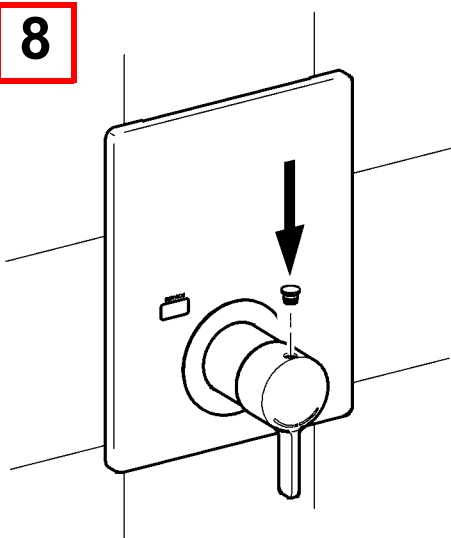
**6**



**7**



**8**



## 11. Siebe wechseln

EN Replace the filters

FR Remplacement les filtres

ES Cambiar los tamices

IT Sostituire i filtri

NL Zeven vervangen

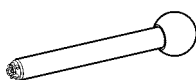
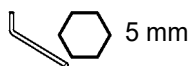
PL Wymiana sit

SV Byt filter

CS Vyměňte síto

FI Siivilän vaihto

RU Сменить сеточки

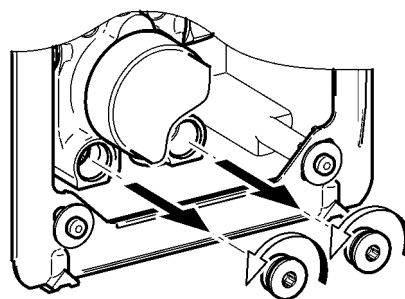


**1**

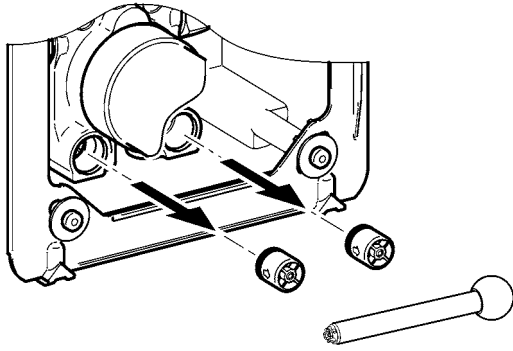


**9.**

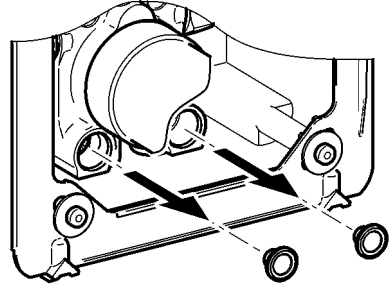
**2**



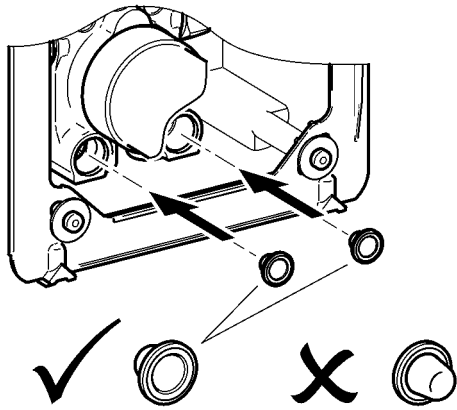
3



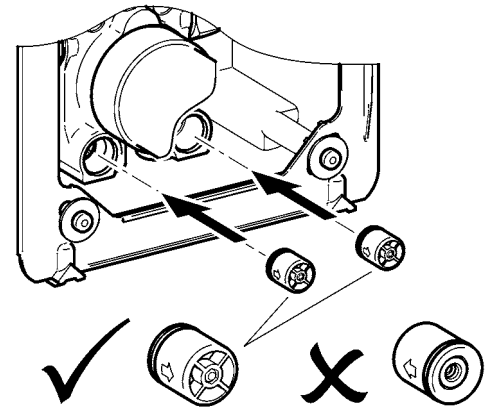
4



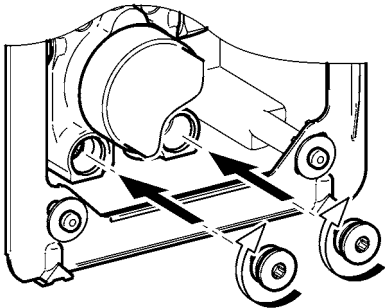
5



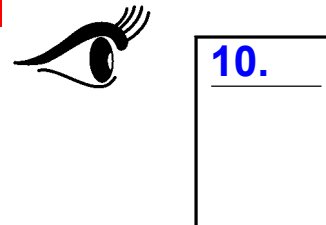
6



7



8

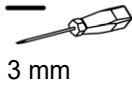


## 12. Thermostatkartusche wechseln

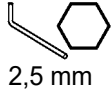
EN Changing the thermostat cartridge	NL Thermostaatcartridge vervangen	CS Výměna zásobníku termostatu
FR Remplacement de la cartouche du thermostat	PL Wymiana głowicy termostatycznej	FI Termostaattipatruunan vaihtaminen
ES Cambio del cartucho de termostato	SV Byta termostatpatron	RU Замена картриджа термостата
IT Sostituzione della cartuccia termostatica		



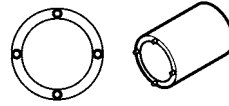
<b>EN</b> Warning After installing the fitting or removing the thermocouple, adjust the scald protector. Failure to observe can cause bodily harm due to scalding.	<b>PL</b> Ostrzeżenie Po zamontowaniu baterii lub demontażu termoogniwa należy ustawić zabezpieczenie przed poparzeniem. Nieprzestrzeganie tego zalecenia może prowadzić do urazów ciała spowodowanych poparzeniem.
<b>DE</b> Warnung Nach Montage der Armatur oder Demontage des Thermoelements den Verbrühungsschutz einstellen. Nichtbeachtung kann Körperverletzung durch Verbrühung bewirken.	<b>SV</b> Varning Ställ in skållningsskyddet efter montering av armaturen eller demontering av termoelementet. Om detta inte efterföljs finns det risk för skållningsskador.
<b>FR</b> Avertissement Après le montage du robinet ou le démontage du thermocouple, régler la protection contre les échaudures. Le non-respect est susceptible de provoquer des blessures corporelles par échaudure.	<b>CS</b> Varování Po montáži armatury nebo demontáži termočlánu nastavte ochranu proti opaření. Nerespektování může vést k poranění opařením.
<b>ES</b> Aviso Tras montar la grifería o después de desmontar el termoelemento, ajustar la protección contra escaldaduras. La no observación puede tener como consecuencia escaldaduras.	<b>FI</b> Varoitus Laitteiston asennuksen tai lämpöelementin purkamisen jälkeen asenna palovammasuoja. Huomioon ottamatta jättäminen voi saada aikaan vartalovamman palovammasta.
<b>IT</b> Avvertenza Al termine del montaggio della rubinetteria o dopo lo smontaggio del termoelemento, impostare la protezione antiscottatura. La non osservanza può causare ustioni.	<b>RU</b> Предупреждение После монтажа арматуры или демонтажа термoelementa настроить защиту от ошпаривания. Вследствие несоблюдения данного указания возможно нанесение вреда здоровью в результате ошпаривания.
<b>NL</b> Waarschuwing Na de montage van de armatuur of demontage van het thermische element de bescherming tegen verbranding instellen. Veronachtzaming kan letsel door verbranden veroorzaken.	



3 mm



2,5 mm

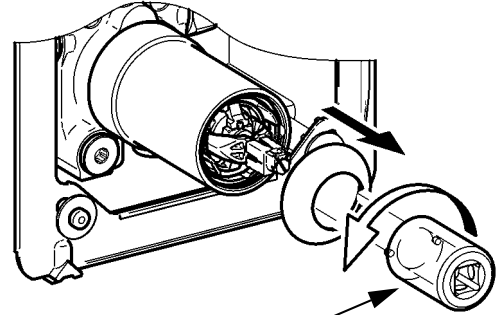


**1**



**9.**

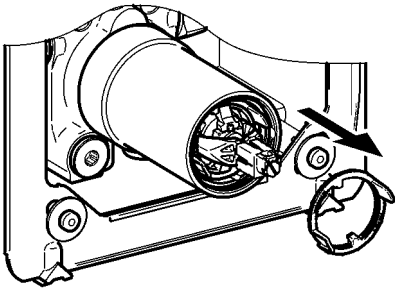
**2**



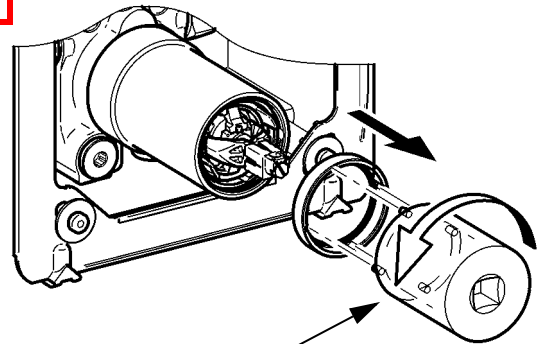
**18.**

1 ...

**3**



**4**

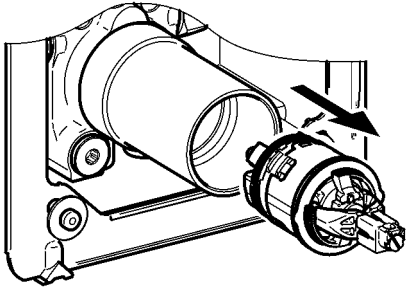


**18.**

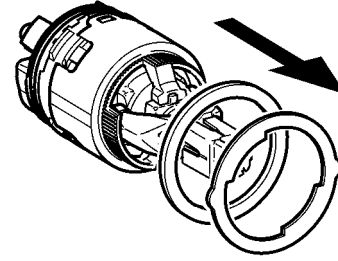
2 ...



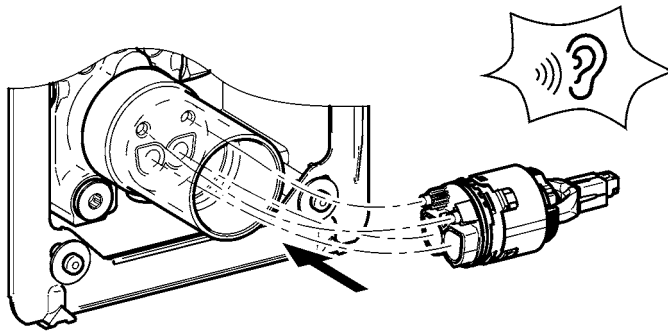
5



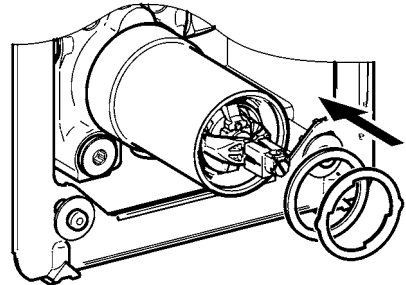
6



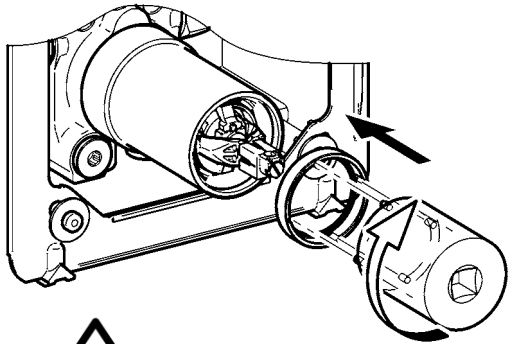
7



8



9



10 - 12 Nm

10



10.

1 - 6

11



4.

11 - 16



> 43 °C

### 13. Magnetventilkartusche wechseln

EN Replacing the solenoid valve cartridge	NL Magneetventielpatroon verandering	CS Výměna kartuše s magnetickým ventilem
FR Remplacement de la cartouche d'électrovanne	PL Wymiana wkładu zaworu elektromagnetycznego	FI Magneettiventtiilipanoksen vaihtaminen
ES Cambiar cartucho de la válvula electromagnética	SV Byta magnetventilpatron	RU Замена картриджа электромагнитного клапана
IT Sostituzione della cartuccia della valvola elettromagnetica		



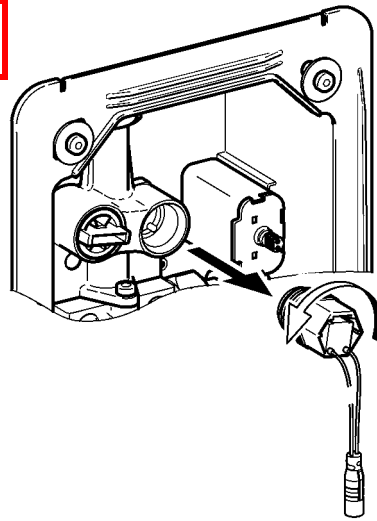
 21 mm

**1**

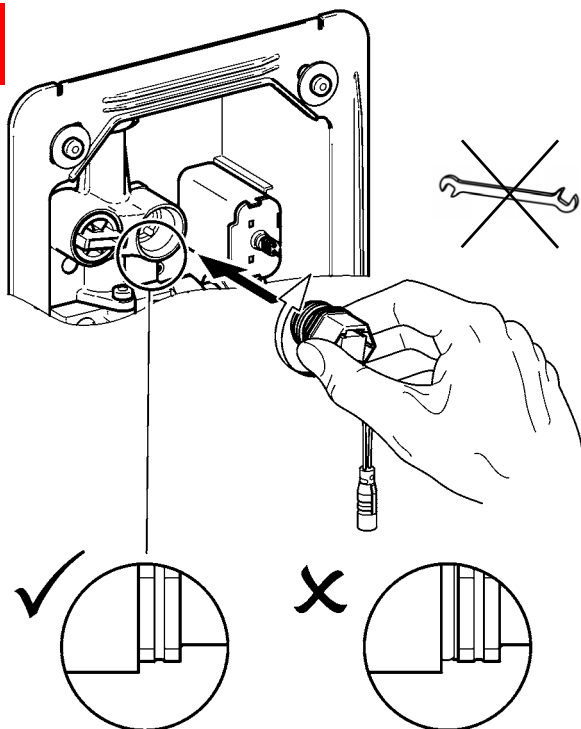


**9.**

**2**



**3**



**4**



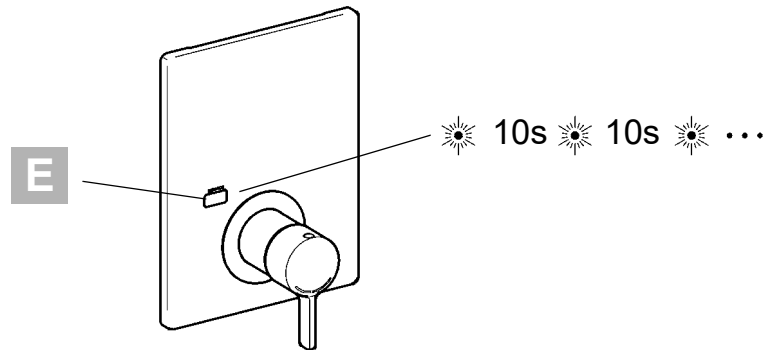
**10.**

# 14. Batteriewechsel

EN Battery replacement  
 FR Remplacement des piles  
 ES Cambio de la pila  
 IT Cambio delle batterie

NL Batterijen vervangen  
 PL Wymiany baterii  
 SV Batteribyte

CS Výměna baterie  
 FI Paristonvaihto  
 RU замена батареи



EN E Red	ES E Rojo	PL E Czerwony	FI E Punainen
DE E Rot	IT E Rosso	SV E Röd	RU E красный
FR E Rouge	NL E Rood	CS E Červený	

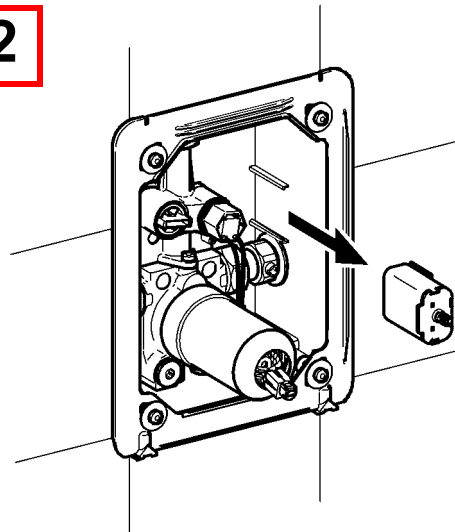
**1**



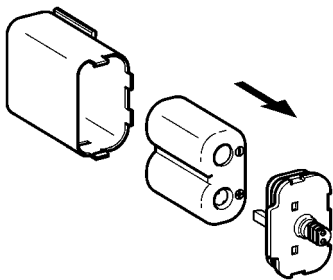
9.

**1** - **6**

**2**



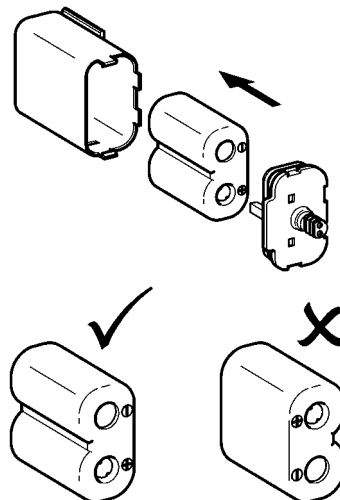
**3**

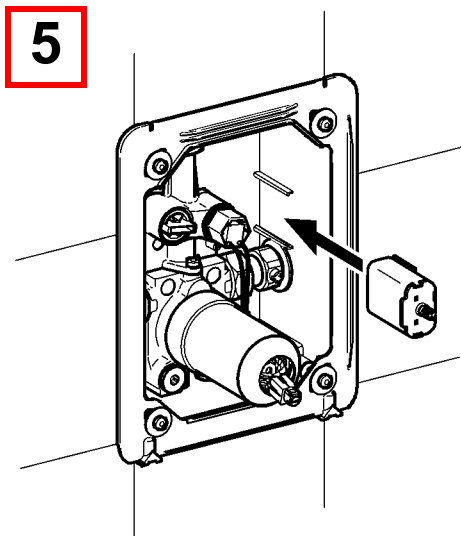


**4**



6 V DC





**6**

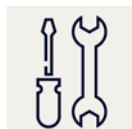


**10.**

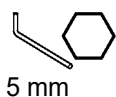
**2 - 8**

## 15. Rückflussverhinderer wechseln

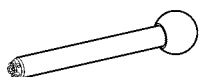
EN Replace the return flow inhibitor	NL Terugstroomklep vervangen	CS Vyměňte zábranu zpětného průtoku
FR Remplacement du clapet de non-retour	PL Wymiana zaworu zwrotnego	FI Paluuvirtausestäjän vaihto
ES Reemplazar la válvula antiretorno	SV Byt återströmningskydd	RU Заменить клапан обратного течения
IT Sostituire la valvola antiriflusso		



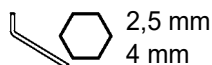
**3**



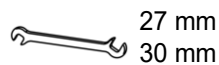
5 mm



**4**



2,5 mm  
4 mm



27 mm  
30 mm

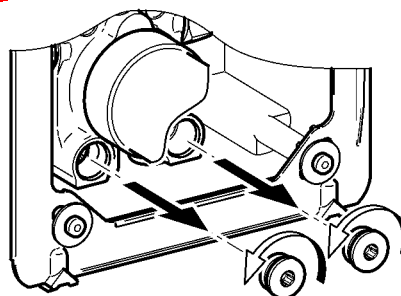
**3**

**1**

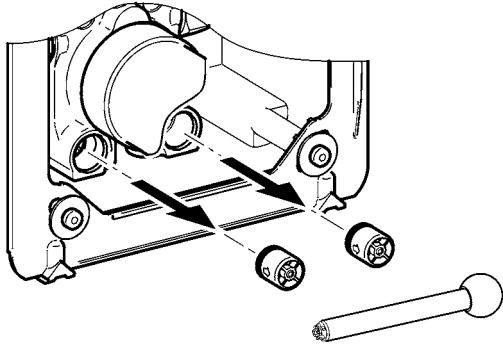


**9.**

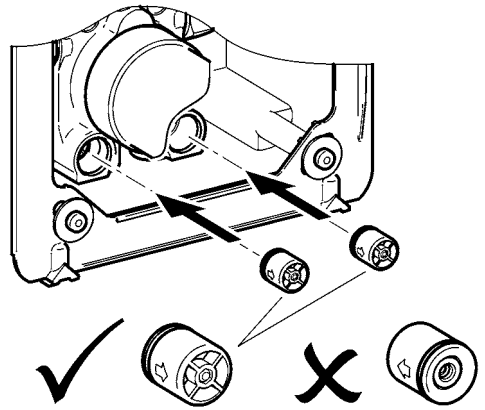
**2**



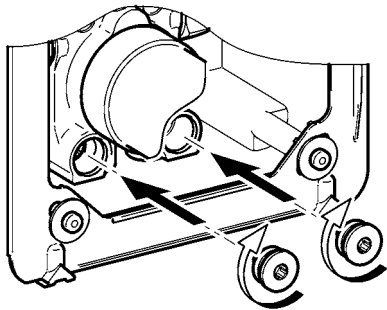
**3**



**4**

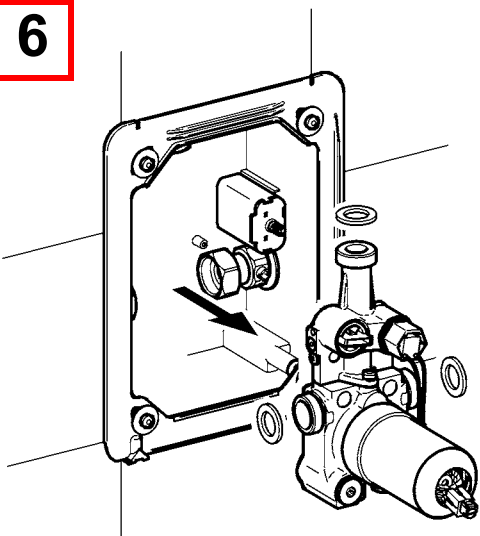


**5**

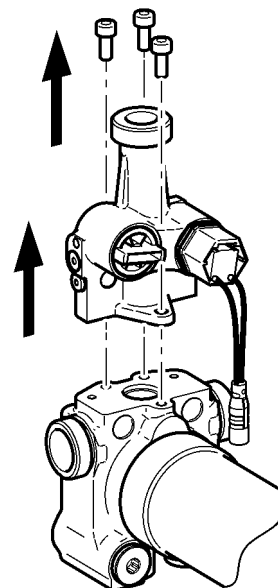


**4**

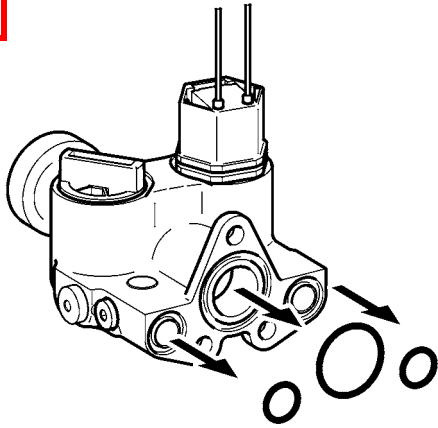
**6**



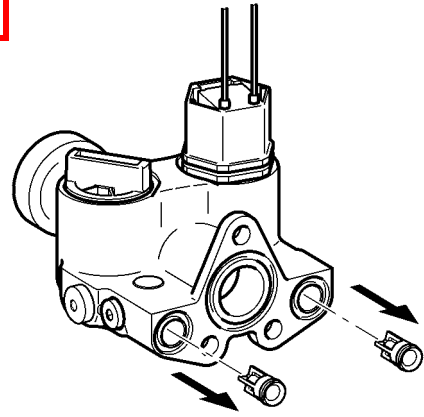
**7**



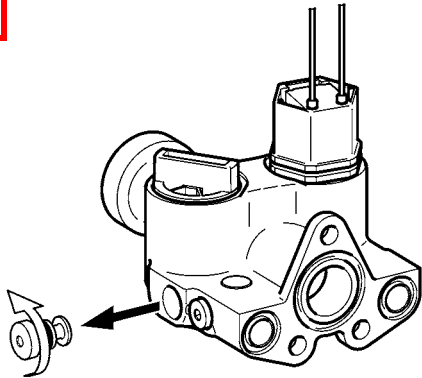
**8**



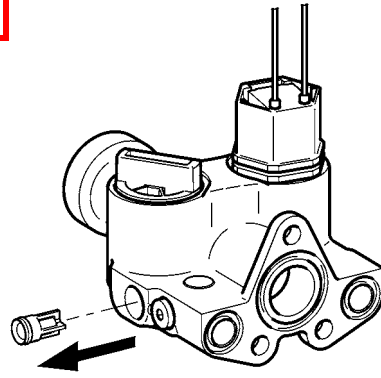
**9**



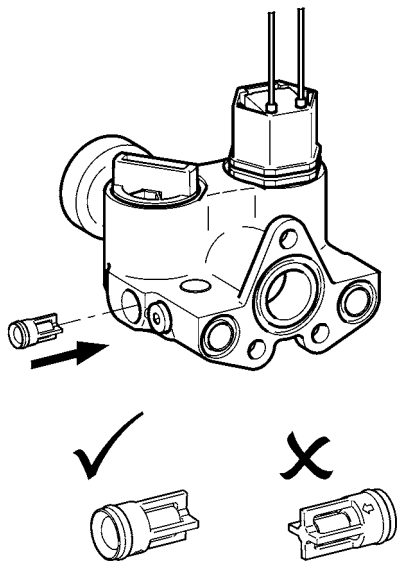
**10**



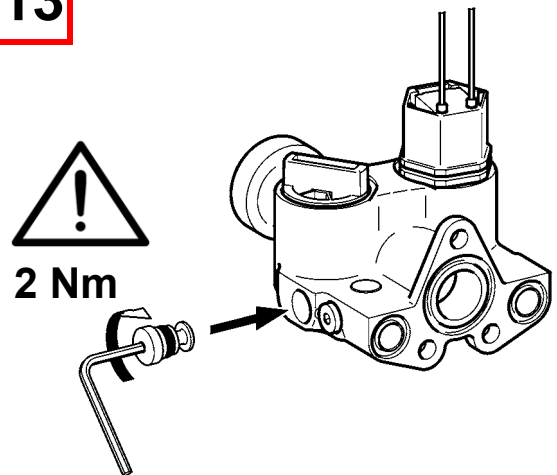
**11**



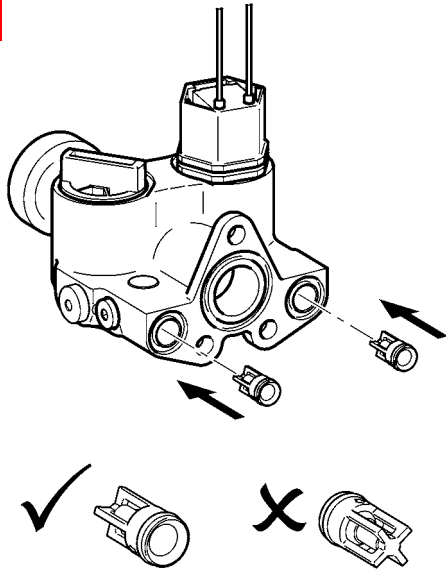
**12**



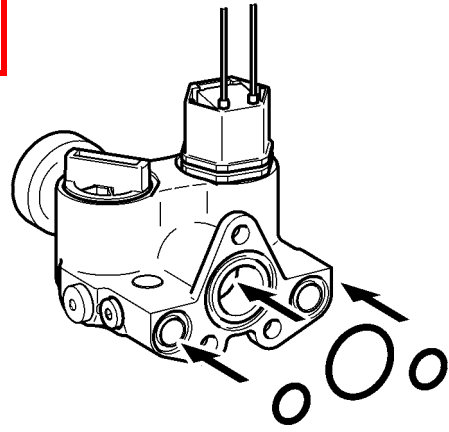
**13**



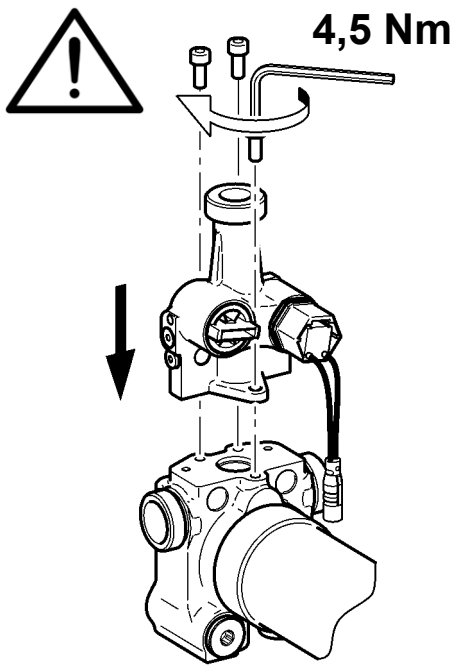
**14**



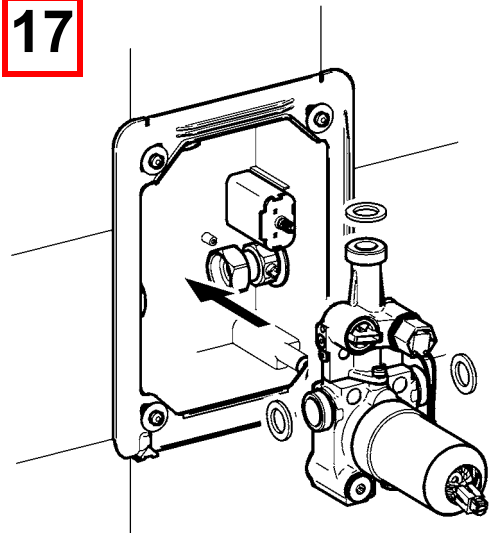
**15**



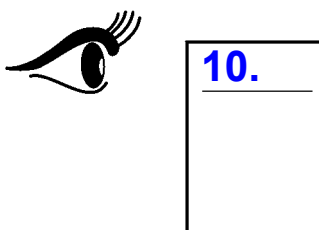
**16**



**17**



**18**



## 16. Sensor wechseln

EN Replace sensor  
FR Changer le capteur  
ES Cambiar el sensor  
IT Cambiare il sensore

NL Sensor vervangen  
PL Wymienić czujnik  
SV Byt sensor

CS Vyměňte snímač  
FI Anturi vaihto  
RU Замена Датчик

**1**

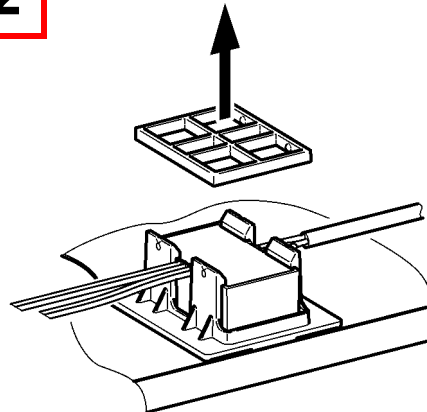


9.

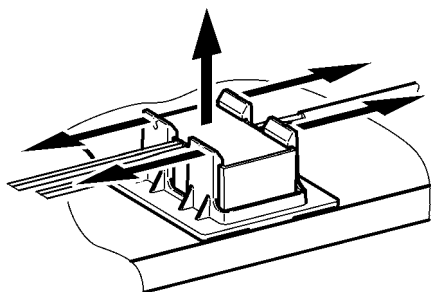
**1**

**6**

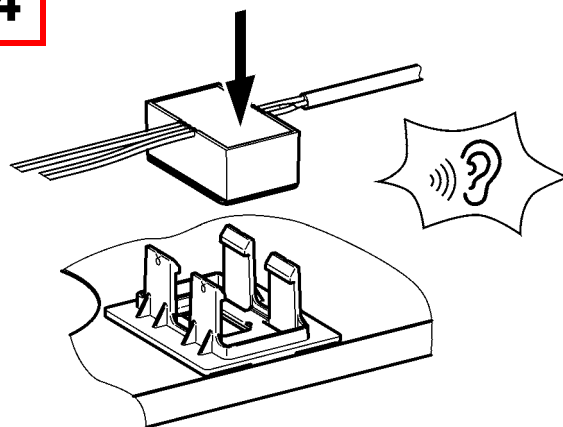
**2**



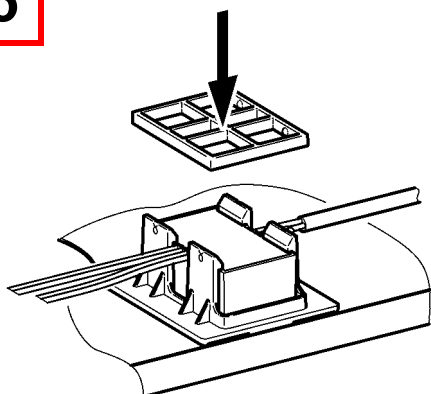
**3**



**4**



**5**



**6**



10.

**2**

**8**

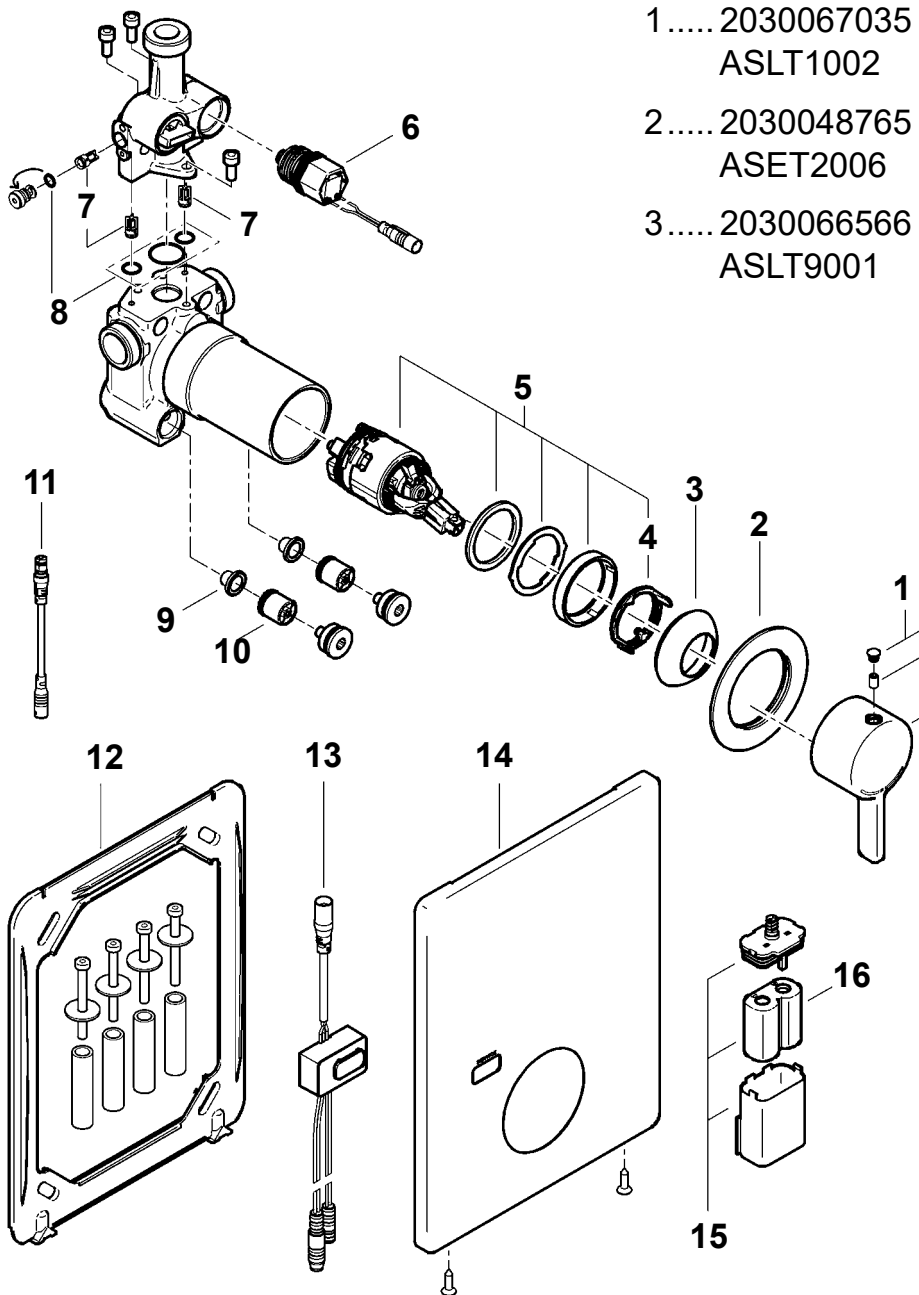


## 17. Ersatzteile

EN Replacement parts  
FR Pièces de rechange  
ES Piezas de recambio  
IT Pezzi di ricambio

NL Reserveonderdelen  
PL Części zamienne  
SV Reservdelar

CS Náhradní díly  
FI Varaosat  
RU Запчасти



1..... 2030067035  
ASLT1002

2..... 2030048765  
ASET2006

3..... 2030066566  
ASLT9001

4..... 2030070018  
ASLT9004

5..... 2030066567  
ASLT9002

6..... 2030003033  
EAQFU0001

7..... 2030045816 <sup>b)</sup>  
ASXX9002

8..... 2030045818  
ASLM2005

9..... 2000104702 <sup>c)</sup>  
ASXX1017

10... 2000104687 <sup>a)</sup>  
ASXX9010

11... 2030055550  
ACEX9012

12... 2030045472  
ASXX9001

13... 2030041484  
ASLM2001

14... 2030045819  
ASLM2006

15... 2000109466  
ZAQCT0003

16... 2000104846  
EPRTR0008

**EN** a) 2 pieces  
b) 3 pieces  
c) 10 pieces

**ES** a) 2 piezas  
b) 3 piezas  
c) 10 piezas

**PL** a) 2 sztuk  
b) 3 sztuk  
c) 10 sztuk

**FI** a) 2 kappaletta  
b) 3 kappaletta  
c) 10 kappaletta

**DE** a) 2 Stück  
b) 3 Stück  
c) 10 Stück

**IT** a) 2 pezzi  
b) 3 pezzi  
c) 10 pezzi

**SV** a) 2 styck  
b) 3 styck  
c) 10 styck

**RU** a) 2 штук  
b) 3 штук  
c) 10 штук

**FR** a) 2 pièces  
b) 3 pièces  
c) 10 pièces

**NL** a) 2 stuk  
b) 3 stuk  
c) 10 stuk

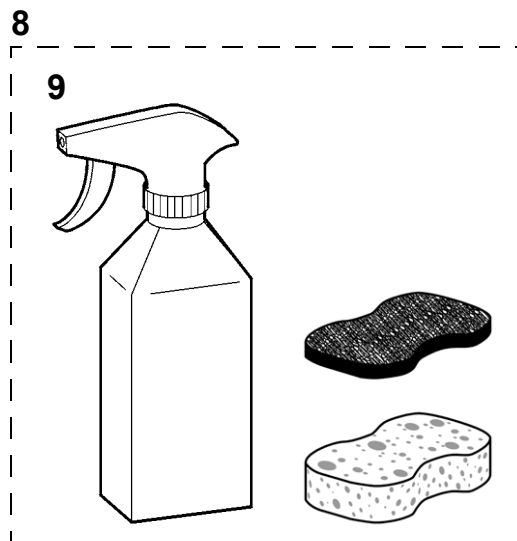
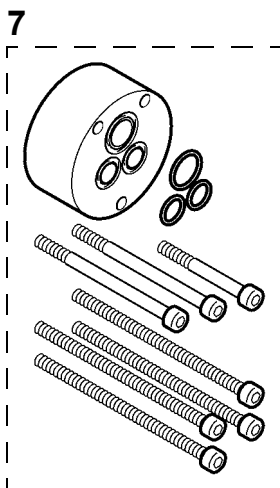
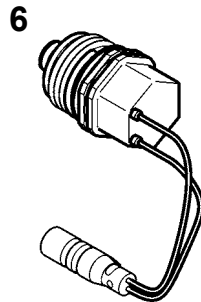
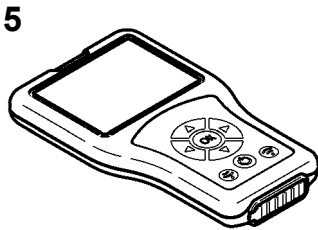
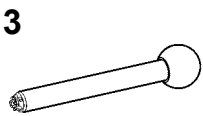
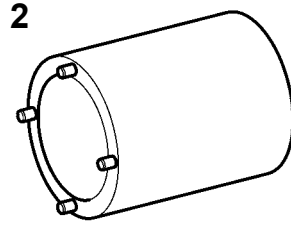
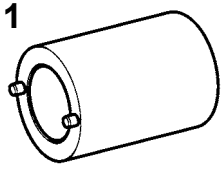
**CS** a) 2 kusů  
b) 3 kusů  
c) 10 kusů

## 18. Zubehör

EN Accessories  
FR Accessoire  
ES Accesorios  
IT Accessori

NL Toebehoren  
PL Akcesoria  
SV Tillbehör

CS Příslušenství  
FI Lisävarusteet  
RU принадлежности



- 1..... 2030067601  
ACLT1001
- 2..... 2030067705  
ACLT1002
- 3..... 2030047203  
ACXX9003
- 4..... 2030036849  
ACEX9004
- 5..... 2030036654  
ACEX9005
- 6..... 2030003033  
EAQFU0001
- 7..... 2030044779  
ACLM2002
- 8..... 2000109019  
ZWSPL0024
- 9..... **0,5 l:**  
2000105091  
ZWSPL0023

## Notizen

---

EN Notes

FR Notes

ES Notas

IT Annotazioni

NL Notities

PL Uwagi

SV Notiser

CS Poznámky

FI Muistiinpanot

RU Примечания

**Australia**

PR Kitchen and  
Water Systems Pty Ltd  
Dandenong South VIC 3175  
Phone +61 3 9700 9100

**Austria**

KWC Austria GmbH  
6971 Hard, Austria  
Phone +43 5574 6735 0

**Belgium, Netherlands &  
Luxembourg**

KWC Aquarotter GmbH  
9320 Aalst; Belgium  
Phone +31 (0) 492 728 224

**Czech Republic**

KWC Aquarotter GmbH  
14974 Ludwigsfelde, Germany  
Phone +49 3378 818 309

**France**

KWC Austria GmbH  
6971 Hard, Austria  
Phone +33 800 909 216

**Germany**

KWC Aquarotter GmbH  
14974 Ludwigsfelde  
Phone +49 3378 818 0

**Italy**

KWC Austria GmbH  
6971 Hard, Austria  
Numero Verde +39 800 789 233

**Middle East**

KWC ME LLC Ras Al Khaimah,  
United Arab Emirates  
Phone +971 7 2034 700

**Poland**

KWC Aquarotter GmbH  
14974 Ludwigsfelde, Germany  
Phone +48 58 35 19 700

**Spain**

KWC Austria GmbH  
6971 Hard, Austria  
Phone +43 5574 6735 211

**Switzerland & Liechtenstein**

KWC Group AG  
5726 Unterkulm, Switzerland  
Phone +41 62 768 69 00

**Turkey**

KWC ME LLC Ras Al Khaimah,  
United Arab Emirates  
Phone +971 7 2034 700

**United Kingdom**

KWC DVS Ltd - Northern Office  
Barlborough S43 4PZ  
Phone +44 1246 450 255

KWC DVS Ltd - Southern Office  
Paignton TQ4 7TW  
Phone +44 1803 529 021

**EAST EUROPE**

Bosnia Herzegovina  
Bulgaria | Croatia  
Hungary | Latvia  
Lithuania | Romania  
Russia | Serbia | Slovakia  
Slovenia | Ukraine

KWC Aquarotter GmbH  
14974 Ludwigsfelde, Germany  
Phone +49 3378 818 261

**SCANDINAVIA & ESTONIA**

Finland | Sweden | Norway  
Denmark | Estonia

KWC Nordics Oy  
76850 Naarajärvi, Finland  
Phone +358 15 34 111

**OTHER COUNTRIES**

**KWC Austria GmbH**  
**6971 Hard, Austria**  
**Phone +43 5574 6735 0**

