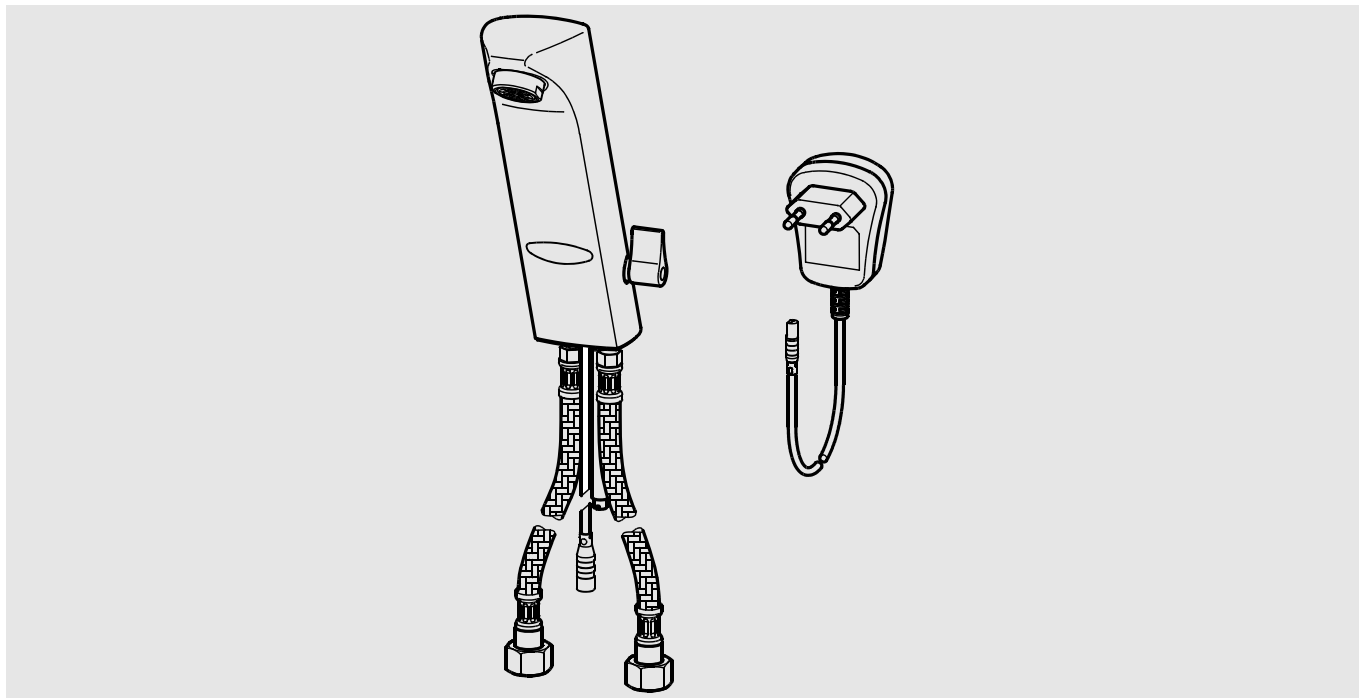


PROTRONIC-S



PRTRS0009

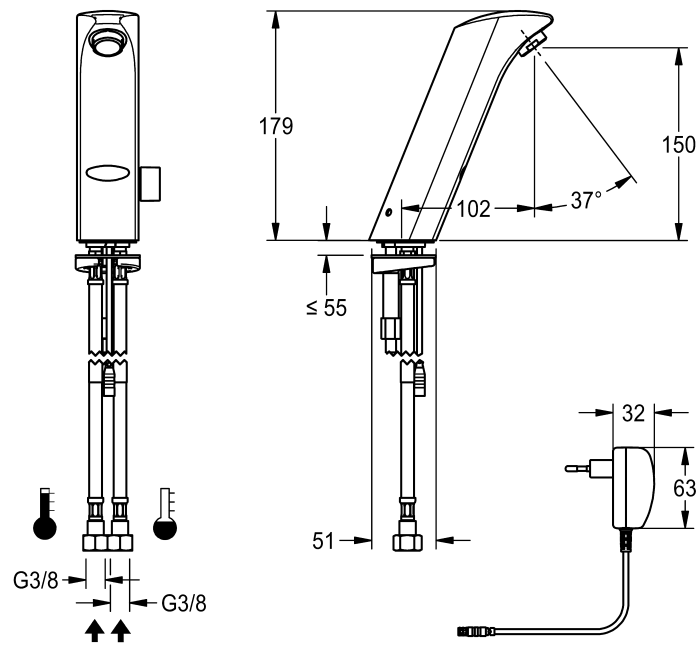
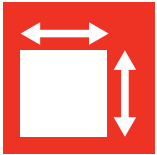
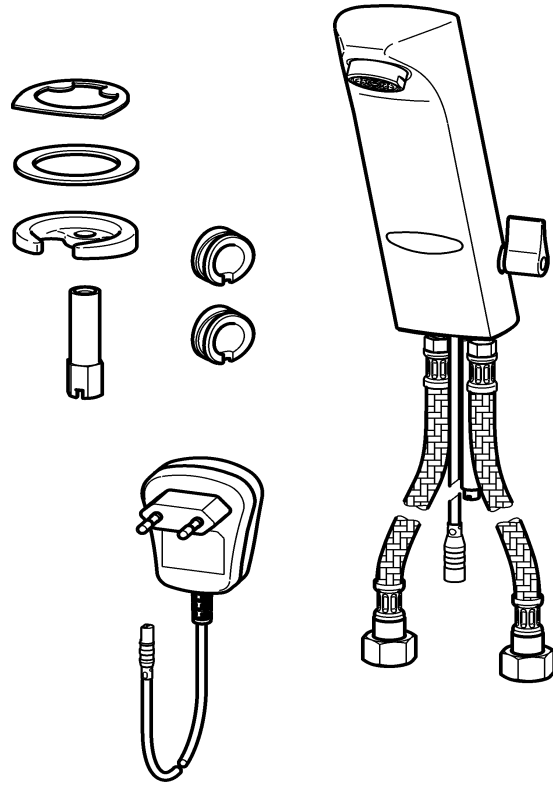
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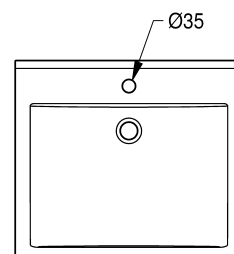
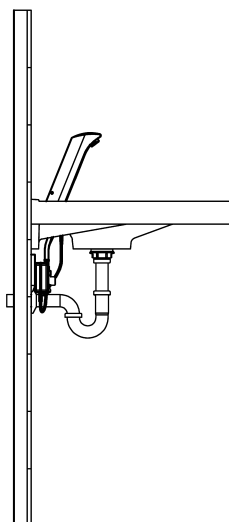
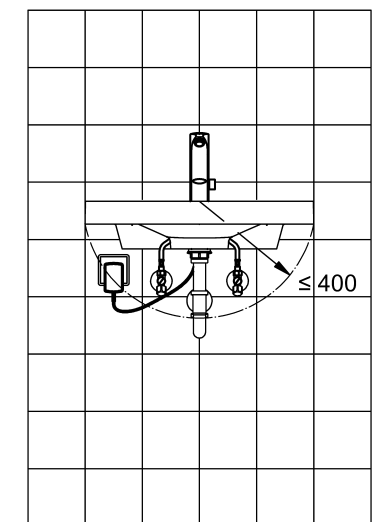
7612982224799

EN	Installation and operating instructions	Electronic washbasin mixer
DE	Montage- und Betriebsanleitung	Elektronik-Waschtischmischer
FR	Notice de montage et de mise en service	Mitigeur électronique pour lavab
ES	Instrucciones de montaje y servicio	Mezclador electrónico para lavab
IT	Istruzioni per il montaggio e l'uso	Miscelatore elettronico per lava
NL	Montage- en bedrijsinstructies	Elektronische wastafelmengkraan
PL	Instrukcja montażu i obsługi	Elektr. armatura umywalkowa
SV	Monterings- och driftinstruktion	Elektronisk blandare till tvätts
CS	Návod pro montáž a provoz	Elektronická umyvadlová směšovac
FI	Asennus- ja käyttöohje	Elektroninen allassekoittaja
RU	Инструкция по монтажу и вводу в эксплуатацию	Электронный смеситель для умывал

Make
it
Wonderful

FRANKE





EN Installation and operating instructions

Important notes

- ▶ Before installing flush piping system!
- ▶ After completing the installation, set the temperature limiter!
- ▶ The fitting must be operated only with original mesh filters and return flow inhibitors!

Technical data

- ▶ Minimum flow pressure 1.0 bar
- ▶ Maximum operating pressure 10 bar
- ▶ Recommended flow pressure 3 bar
- ▶ Volume flow 0.1 l/s
- ▶ Supply voltage 230 V AC
- ▶ Type of protection IP 55/IP 22
- ▶ Operating voltage 6 V DC

DE Montage- und Betriebsanleitung

Wichtige Hinweise

- ▶ Vor Installation Rohrleitungen gemäß DIN 1988 spülen!
- ▶ Nach erfolgter Montage die Temperaturbegrenzung einstellen!
- ▶ Armatur nur mit original Sieben und Rückflussverhinderern betreiben!

Technische Daten

- ▶ Mindestfließdruck 1,0 bar
- ▶ Maximaler Betriebsdruck 10 bar
- ▶ Empfohlener Fließdruck 3 bar
- ▶ Volumenstrom 0,1 l/s
- ▶ Anschlussspannung 230 V AC
- ▶ Schutzart IP 55/IP 22
- ▶ Betriebsspannung 6 V DC

PL

Instrukcja montażu i obsługi

Ważne wskazówki

- ▶ Przed instalacją przepłukać rury!
- ▶ Po zakończeniu montażu ustawić ograniczenie temperatury!
- ▶ Armatury należy używać wyłącznie z oryginalnymi sitkami i zaworami zwrotnymi!

Dane techniczne

- ▶ Minimalne ciśnienie przepływu 1,0 bar
- ▶ Maksymalne ciśnienie robocze 10 barów
- ▶ Zalecane ciśnienie przepływu 3 barów
- ▶ Objętościowe natężenie przepływu 0,1 l/s
- ▶ Rodzaj ochrony 230 V AC
- ▶ Rodzaj ochrony IP 55/IP 22
- ▶ Napięcie robocze 6 V DC

FR

Notice de montage et de mise en service

Remarques importantes

- ▶ Rincer les conduites avant d'installer !
- ▶ Une fois le montage terminé, régler la limitation de température !
- ▶ Ne faire fonctionner la robinetterie qu'avec les filtres et clapets de non retour d'origine !

Données techniques

- ▶ Pression dynamique minimale 1,0 bar
- ▶ Pression de service maximale 10 bars
- ▶ Pression dynamique recommandée 3 bars
- ▶ Débit volumique 0,1 l/s
- ▶ Tension de raccordement 230 V AC
- ▶ Type de protection IP 55/IP 22
- ▶ Tension de service 6 V DC

SV

Monterings- och driftinstruktion

Viktiga informationer

- ▶ Spola igenom rörledningarna före installation!
- ▶ När monteringen har gjorts skall temperaturbegränsningen ställas in!
- ▶ Använd armaturen endast med originalsilar och originalåterflödesförhindrare!

Tekniska data

- ▶ Minsta hydrauliska tryck 1,0 bar
- ▶ Maximalt drifttryck 10 bar
- ▶ Rekommenderat hydrauliskt tryck 3 bar
- ▶ Volymström 0,1 l/s
- ▶ Skyddsklass 230 V AC
- ▶ Skyddsklass IP 55/IP 22
- ▶ Driftspänning 6 V DC

CS

Návod pro montáž a provoz

Důležité pokyny

- ▶ Před instalací potrubí propláchněte!
- ▶ Po provedené montáži nastavit omezení teploty!
- ▶ Provozovat armaturu jen s originálními sítky a zařízeními proti zpětnému toku!

Technické údaje

- ▶ Minimální průtočný tlak 1,0 bar
- ▶ Maximální provozní tlak 10 bar
- ▶ Doporučený průtočný tlak 3 bar
- ▶ Průtok 0,1 l/s
- ▶ Připojné napětí 230 V AC
- ▶ Krytí IP 55/IP 22
- ▶ Provozní napětí 6 V DC

ES

Instrucciones de montaje y servicio

Indicaciones importantes

- ▶ ¡Enjuagar las tuberías antes de instalar!
- ▶ ¡Ajuste el límite de temperatura tras realizar el montaje!
- ▶ ¡La grifería debe hacerse funcionar únicamente con los tamices y las válvulas antiretorno originales!

Datos técnicos

- ▶ Presión mínima de flujo 1,0 bar
- ▶ Presión máxima de servicio 10 bares
- ▶ Presión de flujo recomendada 3 bares
- ▶ Flujo volumétrico 0,1 l/s
- ▶ Tensión de conexión 230 V AC
- ▶ Modo de protección IP 55/IP 22
- ▶ Tensión de servicio 6 V DC

IT

Istruzioni per il montaggio e l'uso

Avvertenze importanti

- ▶ Sciacquare le tubazioni prima di installare!
- ▶ Una volta terminata l'installazione, impostare la limitazione di temperatura!
- ▶ Utilizzare la rubinetteria esclusivamente con i filtri e le valvole antiriflusso originali!

Specifiche tecniche

- ▶ Pressione idraulica min. 1,0 bar
- ▶ Pressione di esercizio max. 10 bar
- ▶ Pressione idraulica consigliata 3 bar
- ▶ Portata volumetrica 0,1 l/s
- ▶ Tensione di allacciamento 230 V AC
- ▶ Tipo di protezione IP 55/IP 22
- ▶ Tensione di esercizio 6 V DC

FI

Asennus- ja käyttöohje

Tärkeitä ohjeita

- ▶ Huuhtelee putkijohdot ennen asennusta!
- ▶ Säädä asennuksen jälkeen lämpötilan rajoitus!
- ▶ Käytä varusteet vain alkuperäisten sihtien ja takaisinvirtauksen eston kanssa!

Tekniset tiedot

- ▶ Vähimmäisvirtauspaine 1,0 bar
- ▶ Suurin käyttöpaine 10 bar
- ▶ Suositeltava virtauspaine 3 bar
- ▶ Tilavuusvirta 0,1 l/s
- ▶ Verkkojännite 230 V AC
- ▶ Suojaustapa IP 55/IP 22
- ▶ Käyttöjännite 6 V DC

RU

Инструкция по монтажу и вводу в эксплуатацию

Важные указания

- ▶ Перед инсталляцией промыть трубки!
- ▶ После монтажа отрегулировать температурный предел!
- ▶ Эксплуатировать арматуру только с оригинальными фильтрами и клапанами обратного течения!

Технические характеристики

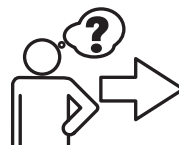
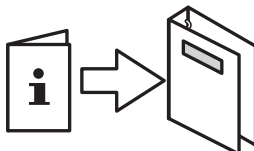
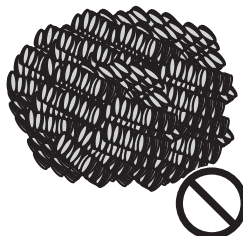
- ▶ Минимальный гидравлический напор 1,0 бар
- ▶ Максимальное рабочее давление 10 бар
- ▶ Рекомендуемый гидравлический напор 3 бар
- ▶ Объемный расход 0,1 л/с
- ▶ Напряжение питающей сети 230 В переменного тока
- ▶ Вид защиты IP 55/IP 22
- ▶ рабочее напряжение 6 В постоянного тока

Belangrijke aanwijzingen

- ▶ Voor installatie buisleidingen spoelen!
- ▶ Na de montage de temperatuurbegrenzing instellen!
- ▶ Armatuur alleen met originele zeven en terugstroomkleppen gebruiken!

Technische gegevens

- ▶ Minimale dynamische druk 1,0 bar
- ▶ Maximale werkdruk 10 bar
- ▶ Aanbevolen dynamische druk 3 bar
- ▶ Volumestroom 0,1 l/s
- ▶ Aansluitspanning 230 V AC
- ▶ Veiligheidsgraad IP 55/IP 22
- ▶ Bedrijfsspanning 6 V DC



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1. Montage

EN Installation
FR Montage
ES Montaje
IT Montaggio

NL Montage
PL Montaż
SV Montering

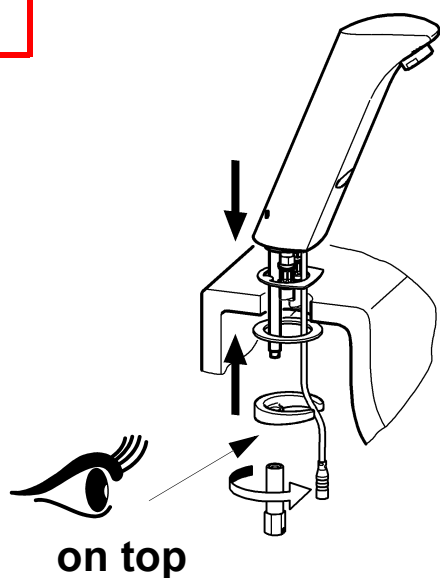
CS Montáž
FI Asennus
RU Монтаж



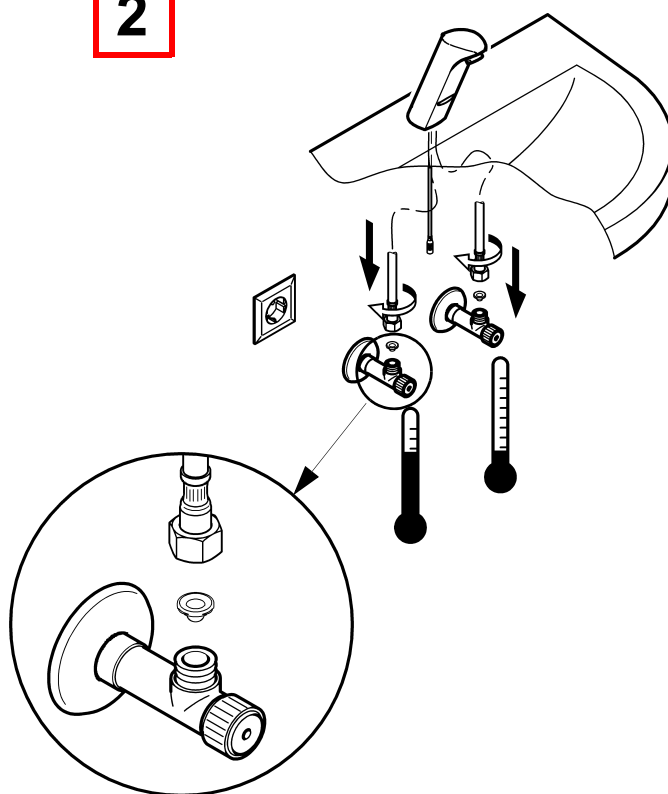
 13 mm

 19 mm

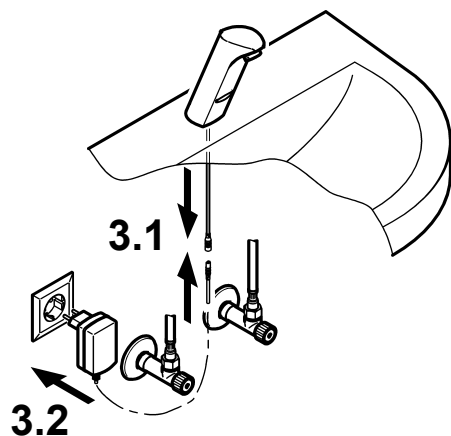
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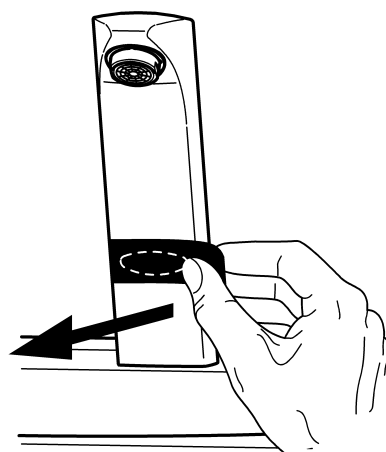
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3



4

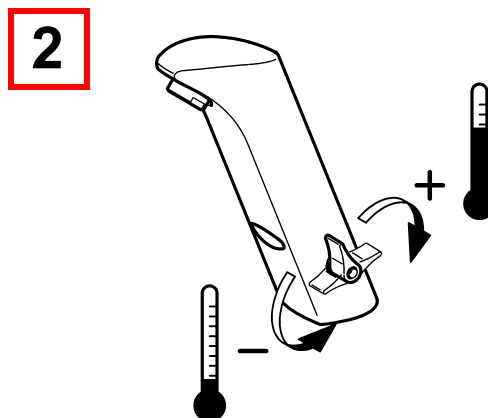
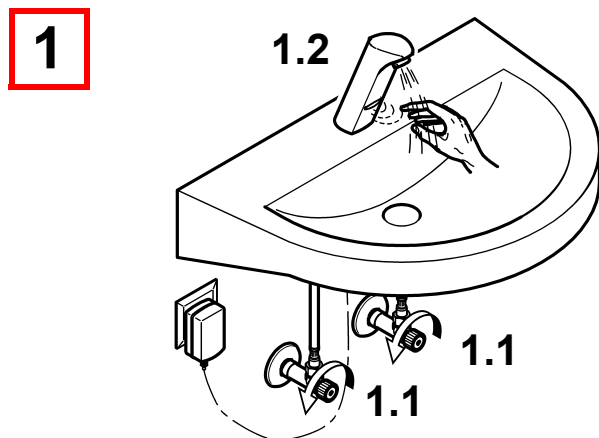


2. Funktion

EN Function
FR Fonctionnement
ES Función
IT Funzionamento

NL Werking
PL Funkcja
SV Funktion

CS Funkce
FI Toiminto
RU Функционирование

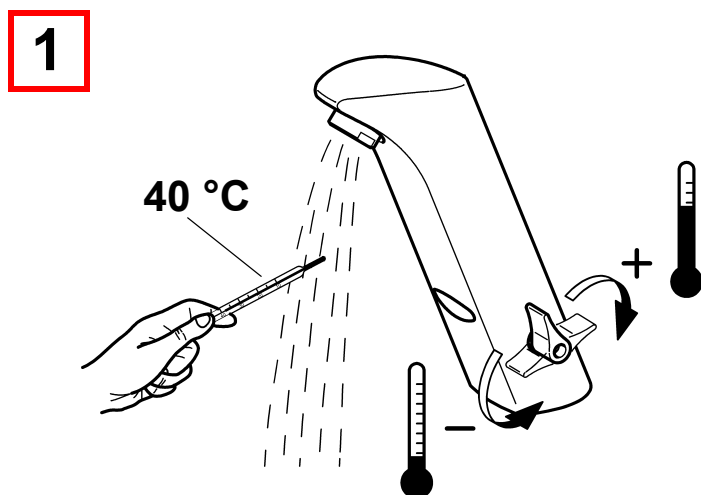
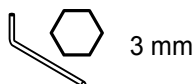


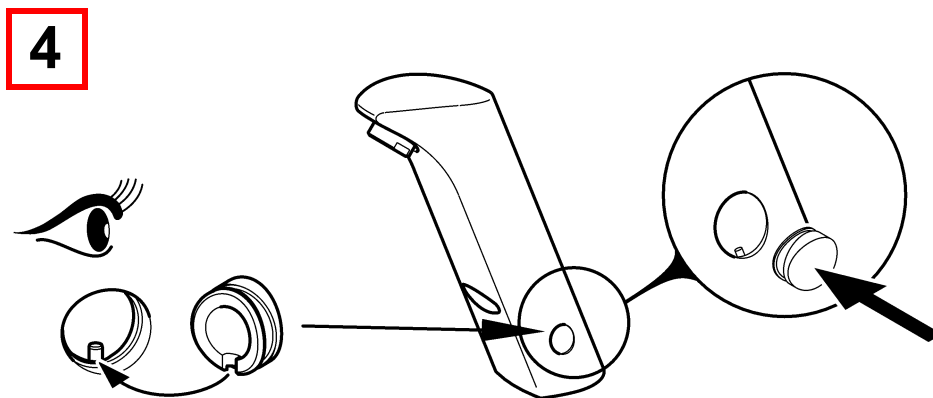
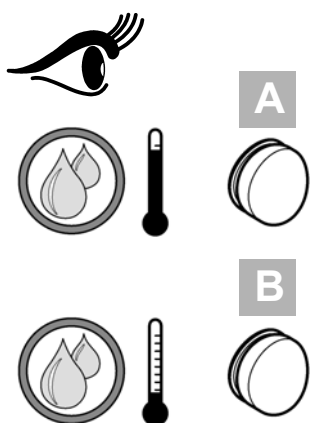
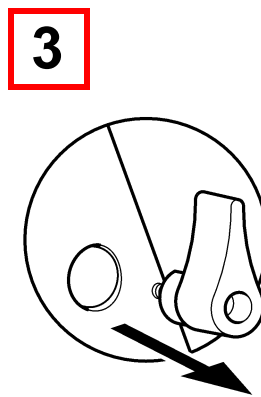
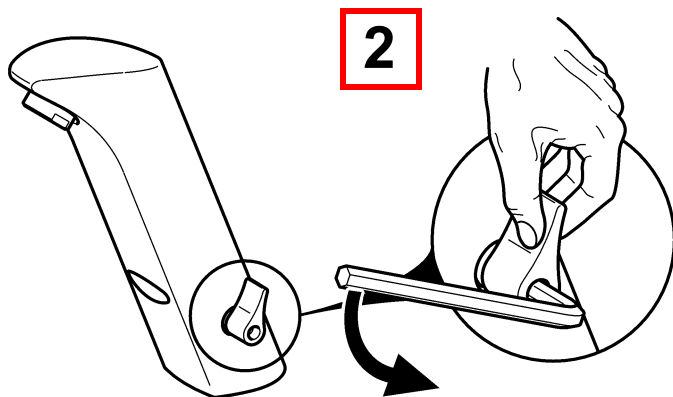
3. Mischeinrichtung verdecken

EN Conceal mixed-water facility
FR Dispositif mélangeur
ES Cubrir el elemento mezclador
IT Coprire il blocco di miscelazione

NL Menginrichting verbergen
PL Zakryć urządzenie mieszające
SV Dölj blandingsanordning

CS Zakrýt míchací zařízení
FI Peitää miksauslaite
RU Закрывать смеситель так, чтобы его не было видно





EN A Red
B Blue

DE A Rot
B Blau

FR A Rouge
B Bleu

ES A Rojo
B Azul

IT A Rosso
B Blu

NL A Rood
B Blauw

PL A Czerwony
B Niebieski

SV A Röd
B Blå

CS A Červený
B Modrý

FI A Punainen
B Sininen

RU A красный
B голубой

4. Temperaturbegrenzung einstellen

EN Set the temperature limiter

NL Temperatuurbegrenzing instellen

CS Nastavit omezení teploty

FR Régler la limitation de température

PL Ustawiać ograniczenie temperatury

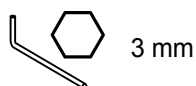
FI Säädä lämpötilan rajoitus

ES Ajuste el límite de temperatura

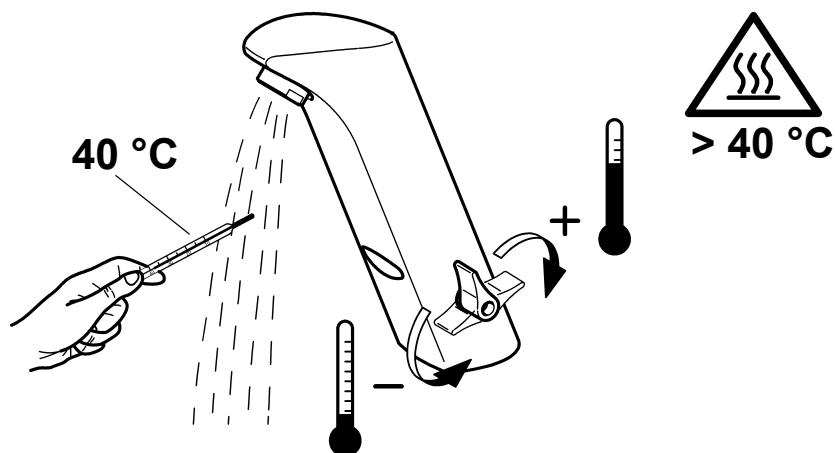
SV Ställ in temperaturbegränsningen

RU установить ограничение по температуре

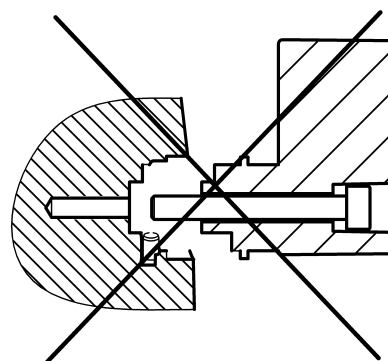
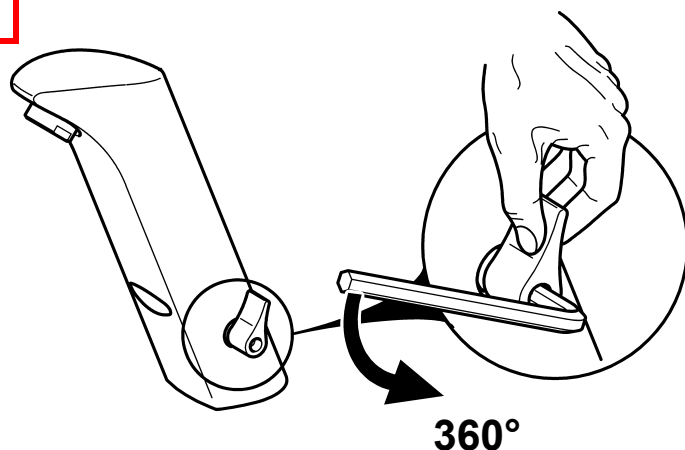
IT Impostare la limitazione di temperatura



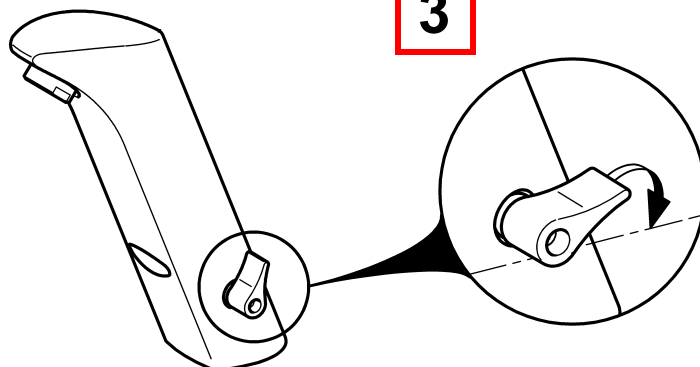
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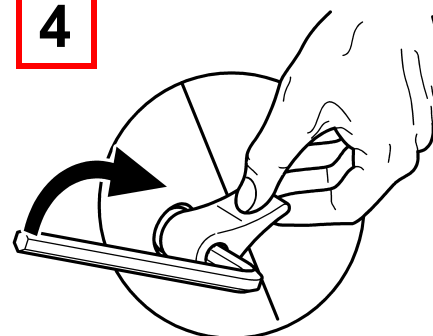
2



3

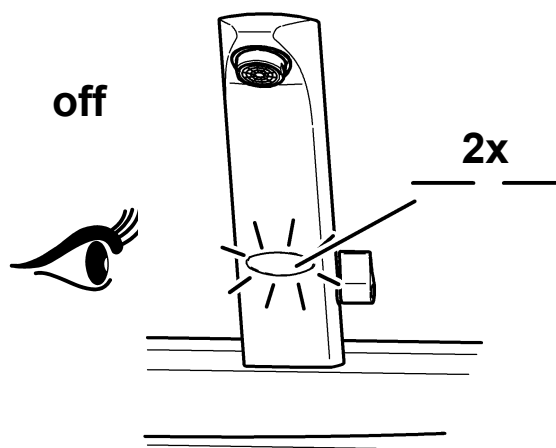
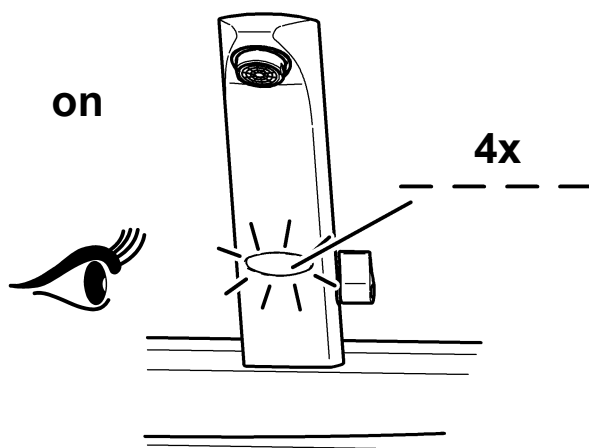
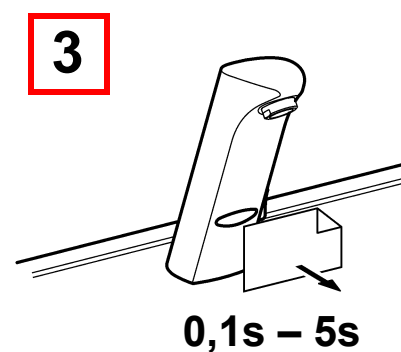
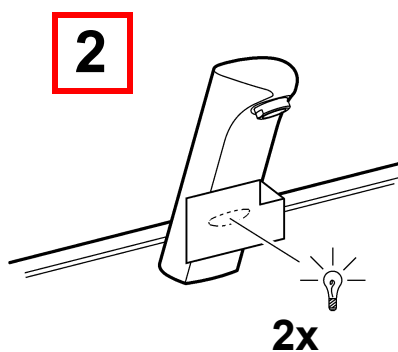
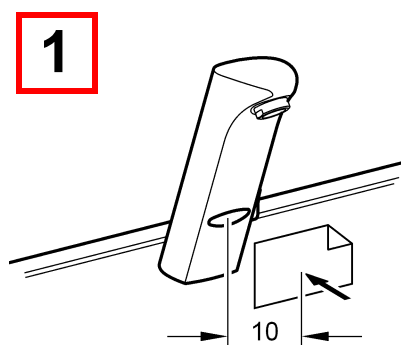
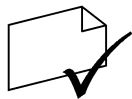


4



5. Anzeige: Status Hygienespülung

EN Display: Status hygiene flushing	NL Aanduiding: Status hygiënespoeling	CS Indikátor: stav hygienického omytí
FR Affichage : état rinçage hygiénique	PL Wyświetlacz: status spłuki- wania higienicznego	FI Näyttö: hygieniahuuhtelun tilanne
ES Indicación: estado del enjuague de higiene	SV Indikering: Status hygiensköljning	RU Индикатор: состояние гигиенической мойки
IT Indicazione: stato sciacquo igienico		



6. Hygienespülung ein- / ausschalten

EN Switching hygiene flushing
on/off

FR Activer/désactiver
le rinçage hygiénique

ES Activar/Desactivar
el aclarado higiénico

IT Attivare/disattivare
lo sciacquo igienico

NL Hygiënische spoeling
in-/uitschakelen

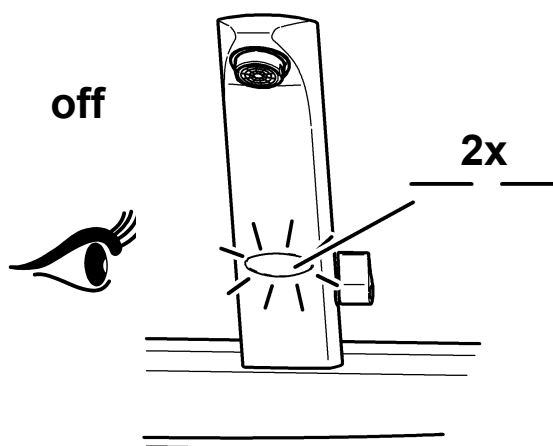
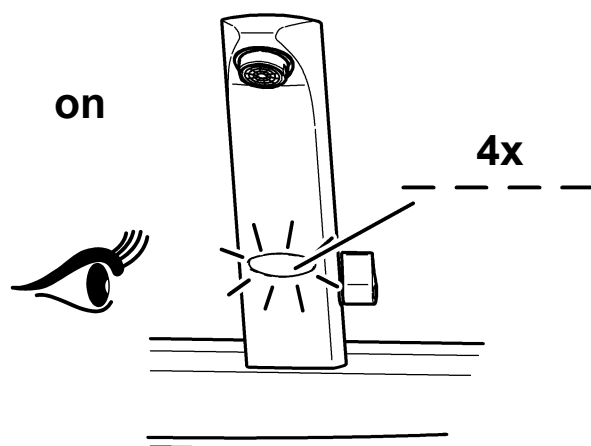
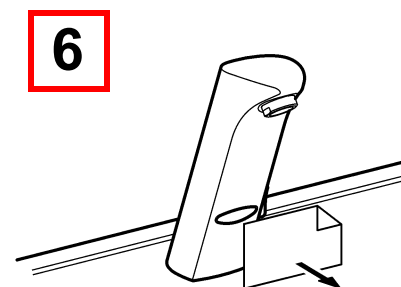
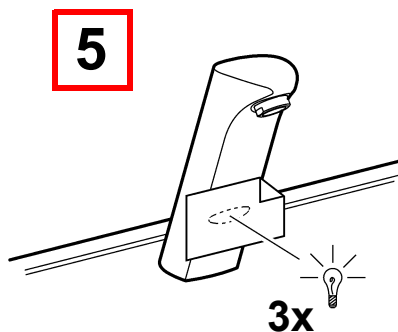
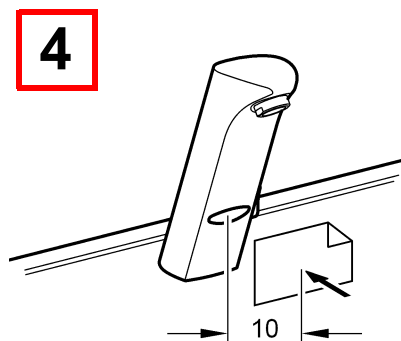
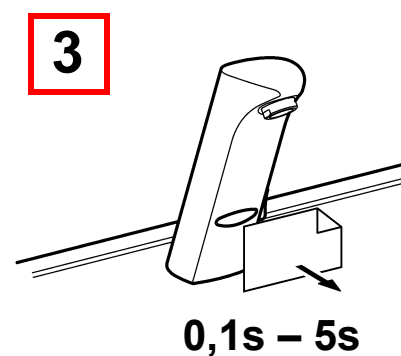
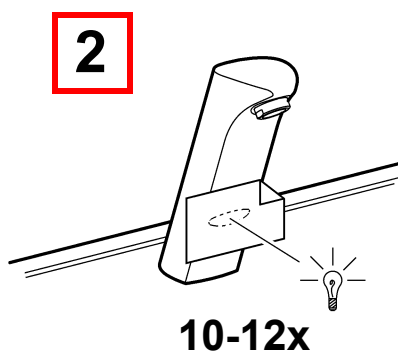
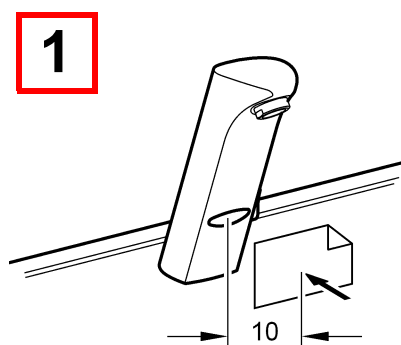
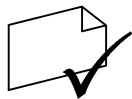
PL Włączyć/wyłączyć
spłukiwanie higieniczne

SV Koppla hygienspolningen
till / från

CS Zapněte/vypněte
hygienické propláchnutí

FI Hygieniahuuhtelun päälle-/ pois päältä
kytkeminen

RU Гигиеническое промывание
включить/выключить



EN

- Ensure open outlet.
- After 24h of non-use, water flows 10 sec.

DE

- Freien Auslauf gewährleisten.
- Nach 24h Nichtbenutzung fließt 10 sec Wasser.

FR

- Garantir un écoulement libre.
- L'eau s'écoule pendant 10 sec. après 24h de non utilisation.

ES

- Garantizar una salida libre.
- Si no se realiza ningún uso durante 24 horas, fluye agua durante 10 segundos.

IT

- Garantire l'erogazione libera.
- Dopo 24h di inutilizzo scorre acqua per 10 sec.

NL

- Vrije uitloop garanderen.
- Na 24 uur niet te zijn gebruikt stroomt er gedurende 10 sec. water.

PL

- Zapewnić swobodny wylot.
- Po 24 godz. niekorzystania przez 10 s. wypływa woda.

SV

- Garantera fritt avlopp.
- Vatten flyter 10 sek efter 24 timmars användningspaus.

CS

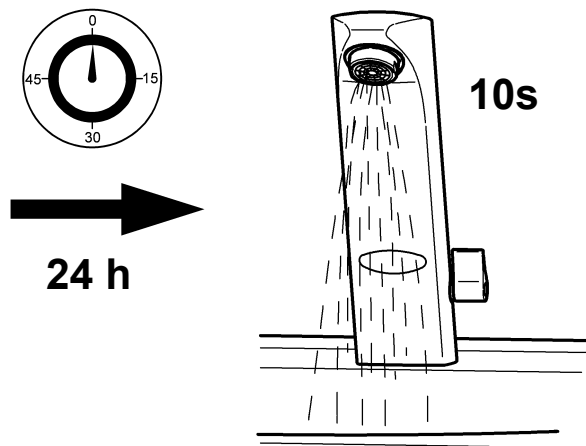
- Zajistěte volný odtok.
- Při nepoužívání 24 h nechte 10 s téct vodu.

FI

- Vapaan virtauksen takaaminen.
- Käyttämättömänä 24 h jälkeen virtaa vettä 10 s.

RU

- Обеспечить беспрепятственный слив
- После того, как устройство не используется в течение 24 ч, в течение 10 сек течёт вода.



7. Armatur ausschalten

EN Switch off the valve

FR Désactiver la robinetterie

ES Desconectar la grifería

IT Disattivazione della rubinetteria

NL Armatuur uitschakelen

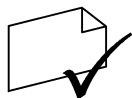
PL Wyłączenie baterii

SV Avstängning av armatur

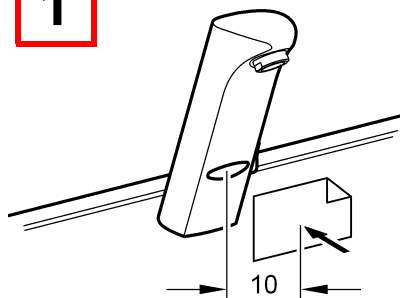
CS Vypnout armaturu

FI Laitteen kytkeminen pois päältä

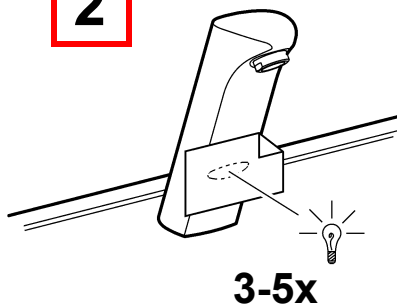
RU отключить оборудование



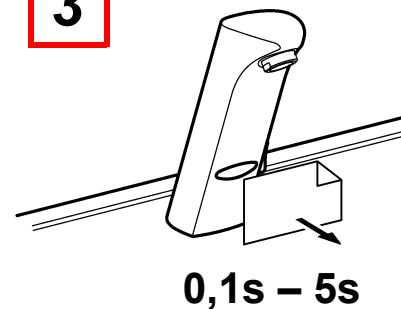
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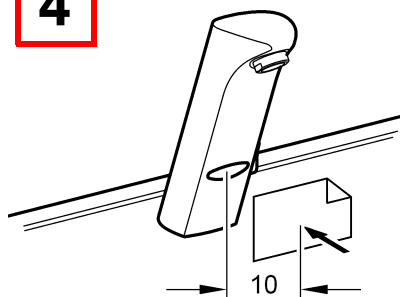
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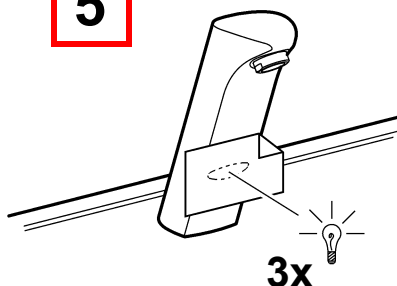
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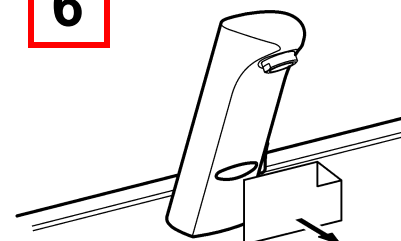
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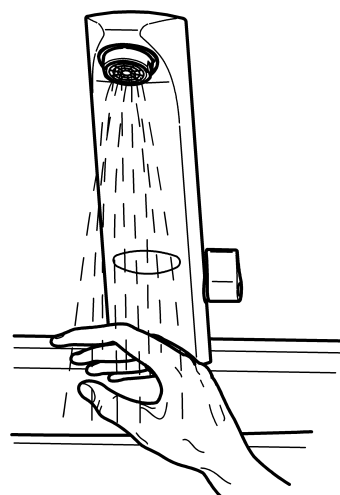
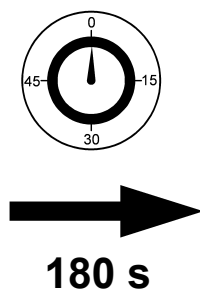
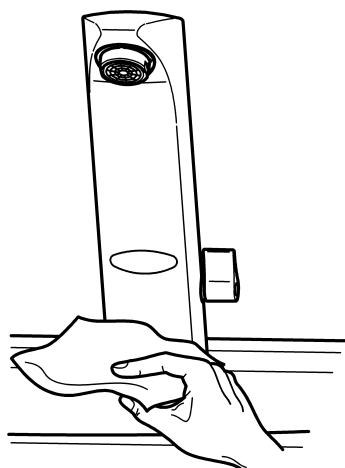
5



6



7



8. Dauerlauf starten

EN Start continual flow

FR Démarrer la marche continue

ES Iniciar el enjuague continuo

IT Avviare l'erogazione continua

NL Continue stroming starten

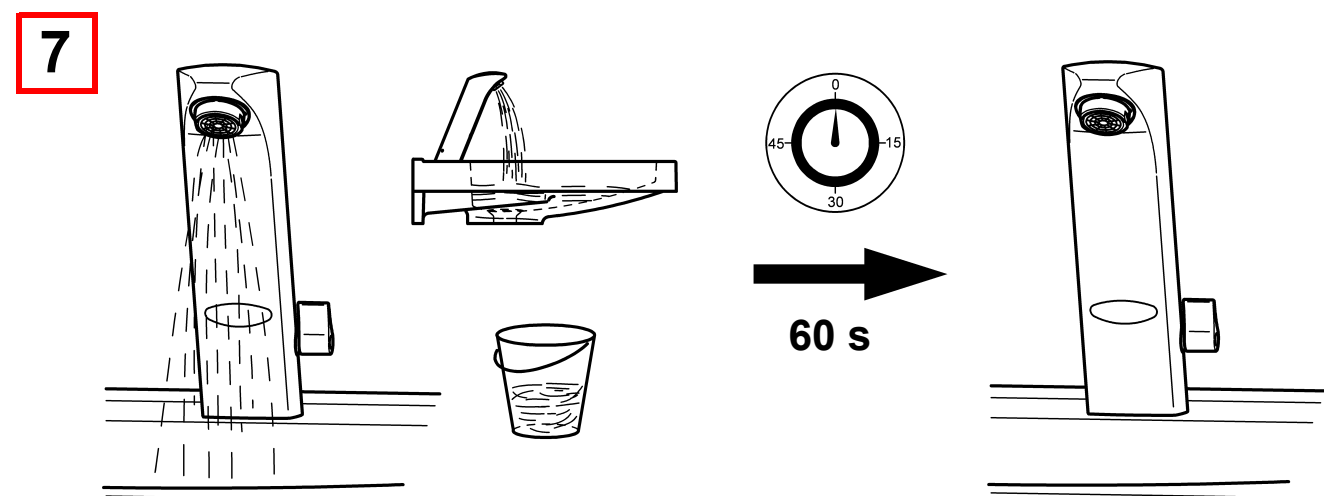
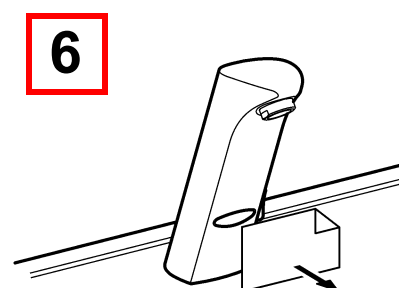
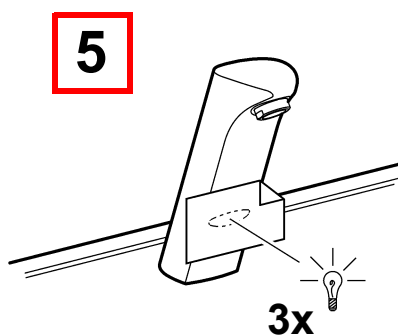
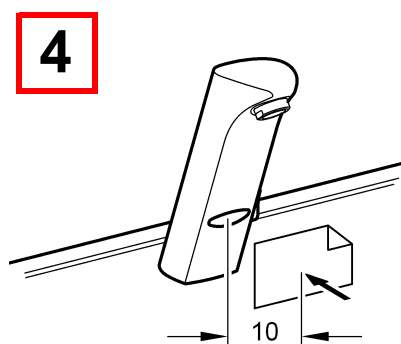
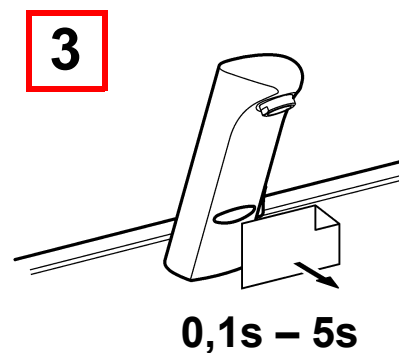
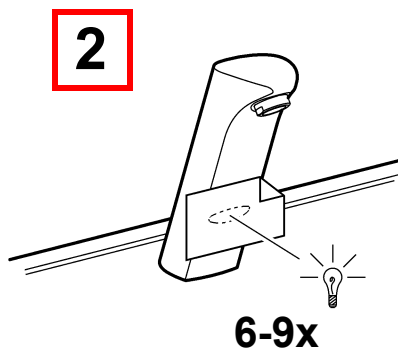
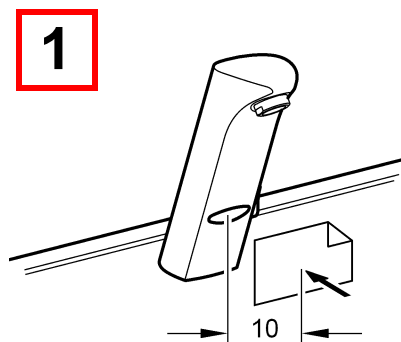
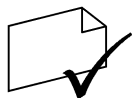
PL Uruchomić stały wypływ wody

SV Starta kontinuerlig drift

CS Spustit trvalý provoz

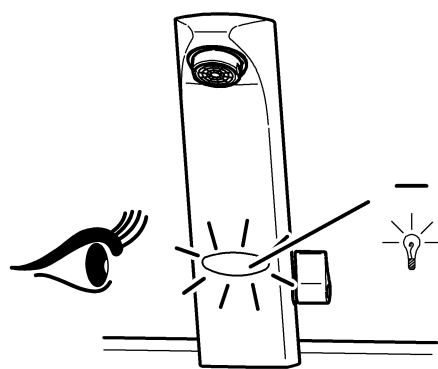
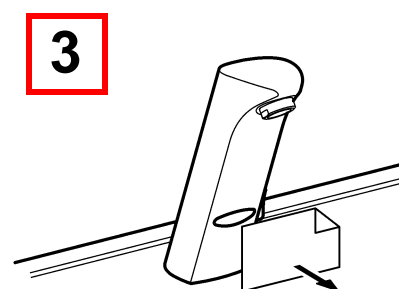
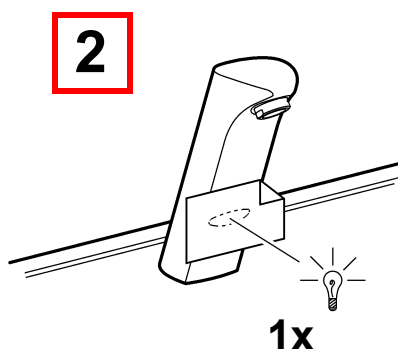
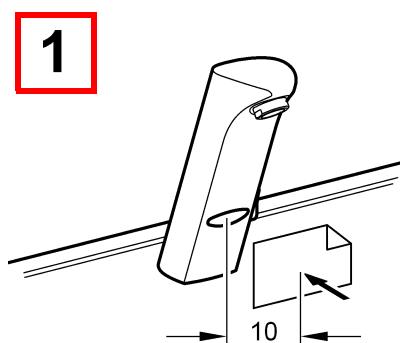
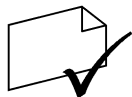
FI Tuotantokäytön aloittaminen

RU запустить ресурс



9. Anzeige: letzter Spülvorgang in Stunden

EN Display: Last flush-process in hours	NL Weergave: laatste spoelprocedure in uren	CS Upozornění: poslední vypláchnutí v hodinách
FR Affichage: dernière opération de rinçage en heures	PL Informacja: ostatnie spłukiwanie w godzinach	FI Näyttö: viimeisin huuhtelutapahtuma tunteina
ES Indicación: último proceso de aclarado en hora	SV Indikering: Sista sköljning i timmar	RU На дисплее: последний смывной процесс в часах
IT Indicazione: ultimo sciacquo in ore		



**3x =
30 h**

+

**4x =
4 h**

= 34 h

**1x = 10 h
2x = 20 h
3x = 30 h**

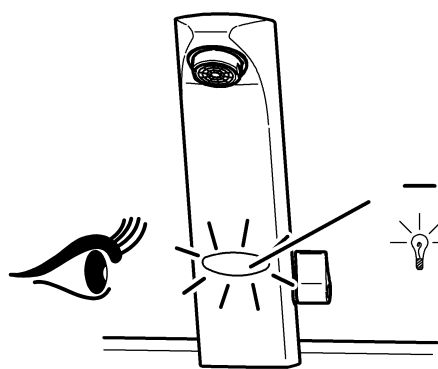
...

9x = 90 h

**1x = 1 h
2x = 2 h
3x = 3 h**

...

9x = 9 h



**0x =
00 h**



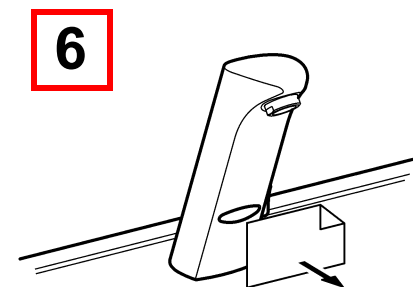
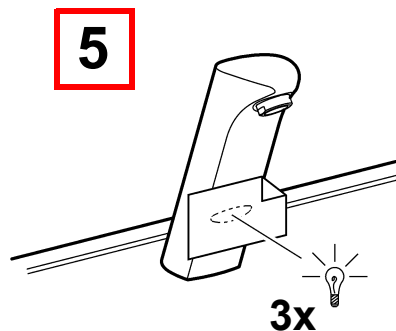
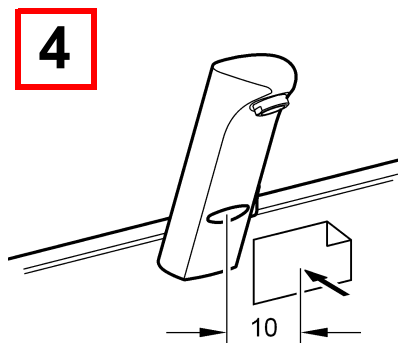
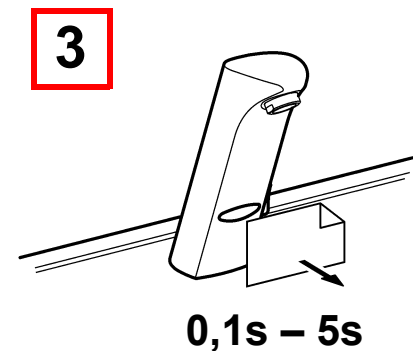
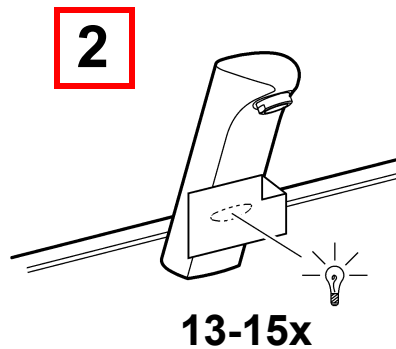
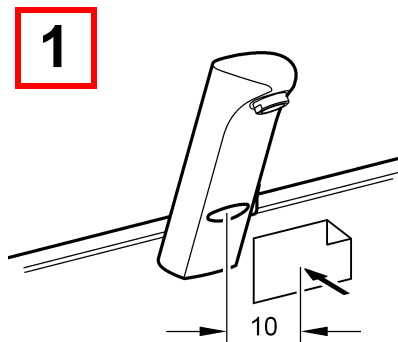
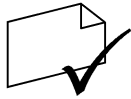
+

**0x =
0 h**

= < 59 min

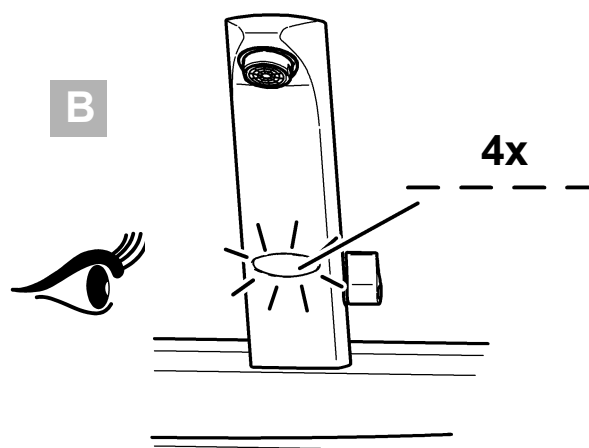
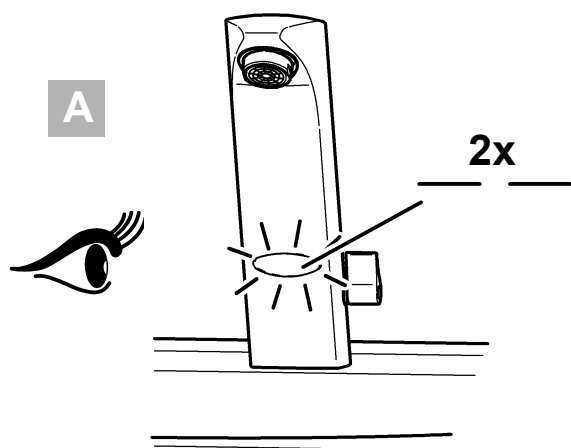
10. Erfassungsart ändern

EN Change type of detection	NL Registratiesoort wijzigen	CS Změnit způsob snímání
FR Modifier le type de détection	PL Zmiana rodzaju wykrywania	FI Mittaustyyppin muuttaminen
ES Modificar el tipo de captación	SV Registreringssätt	RU Способ считывания
IT Modificare il tipo di rilevamento		



EN	Type of detection A static B dynamic	The sensor is detecting Object Movement (with intense reflections from basin)	PL	Rodzaj wykrywania A statisch B dynamisch	Czujnik rejestruje Obiekt Ruch (przy dużym odbiciu fali od umywalki)
DE	Erfassungsart A statisch B dynamisch	Der Sensor erfasst Objekt Bewegung (bei hoher Beckenreflexion)	SV	Registreringssätt A statisk B dynamisk	Sensor registrerar Objekt Rörelse (vid hög bäckenreflexion)

FR	Type de détection	Le capteur détecte	CS	Způsob snímání	Snímač snímá
	A statique	Objet		A statický	Objekt
	B dynamique	Mouvement par forte réflexion du bassin		B dynamický	Pohyb (při vysokém odrazu umyvadla)
ES	Tipo de captación	El sensor está captando	FI	Mittaustyyppi	Anturi mittaa
	A estático	Objeto		A staattinen	Kohde
	B dinámico	Movimiento (en caso de elevada reflexión en el lavabo)		B dynaminen	Liike (suurella allasheijastuksella)
IT	Tipo di rilevamento	Il sensore rileva	RU	Способ считывания	Датчик считывает
	A statico	Oggetto		A статический	Объект
	B dinamico	Movimento (in caso di alta riflessione del lavabo)		B динамический	Движение (при большом отражении умывальника)
NL	Registratiesoort	De sensor registreert			
	A statisch	Object			
	B dynamisch	Beweging (bij hogere reservoirreflectie)			



11. Wartung

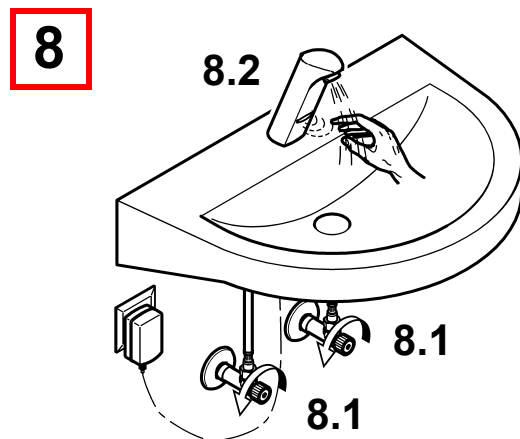
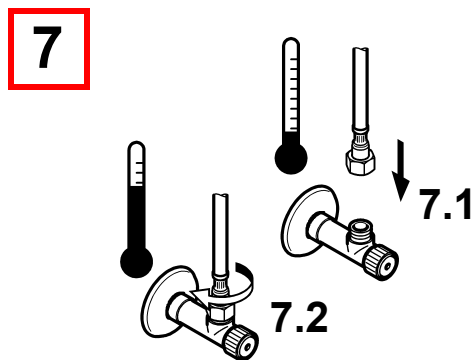
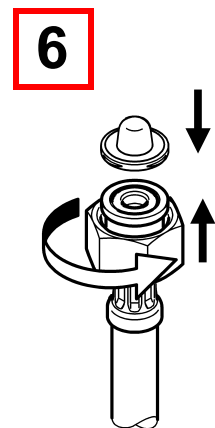
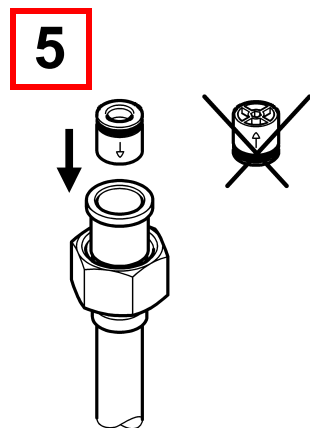
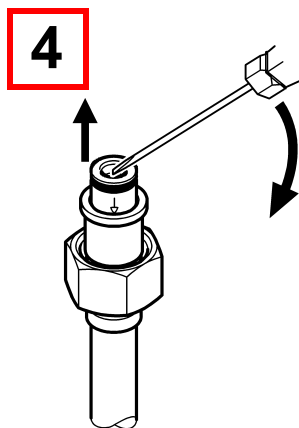
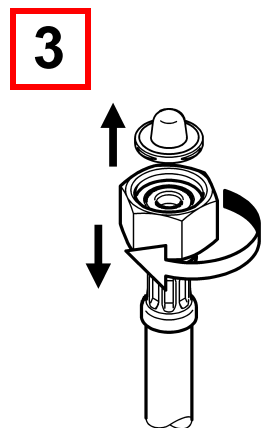
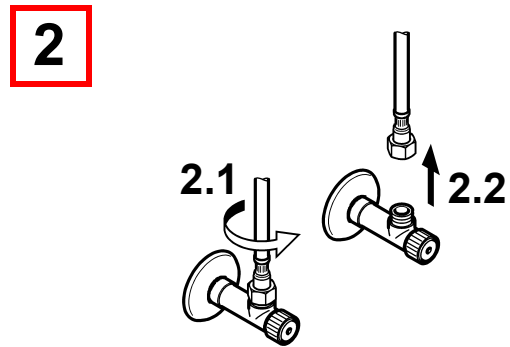
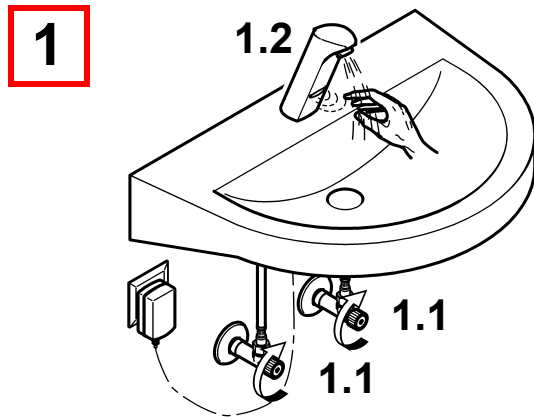
EN Maintenance
FR Maintenance
ES Mantenimiento
IT Manutenzione

NL Onderhoud
PL Konserwacja
SV Underhåll

CS Varování
FI Huolto
RU Техническое обслуживание



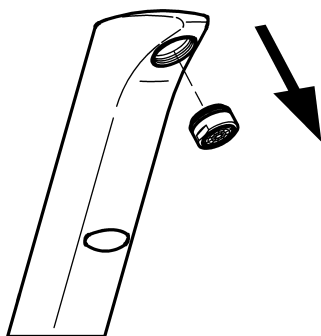
19 mm



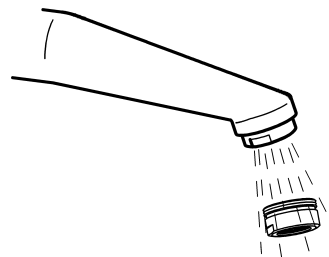


22 mm

1



2



12. Funktionsteil ausbauen

EN Remove functional part

NL Functie-element demonteren

CS Demontovat funkční díl

FR Démonter l'élément fonctionnel

PL Wymontować element funkcjonalny

FI Kunnossapito

ES Desmontar la pieza funcional

SV Bygga ut funktionsdelen

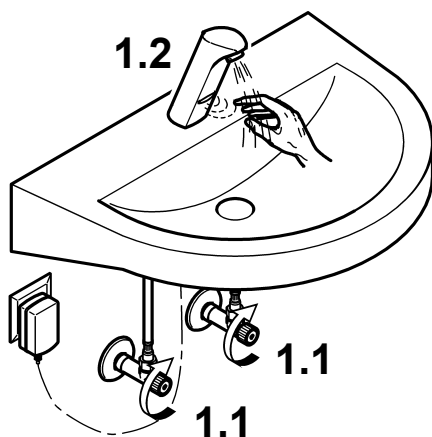
RU Демонтаж функциональной детали

IT Smontaggio dell'elemento funzionale

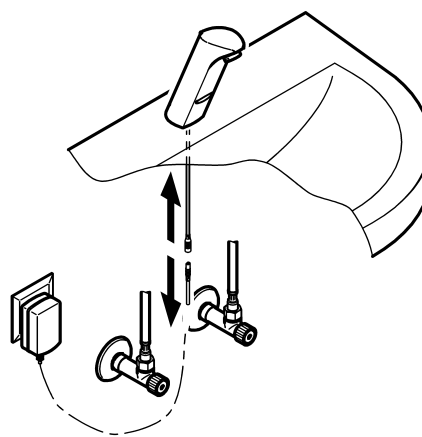


3 mm

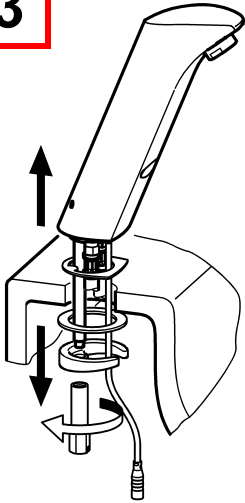
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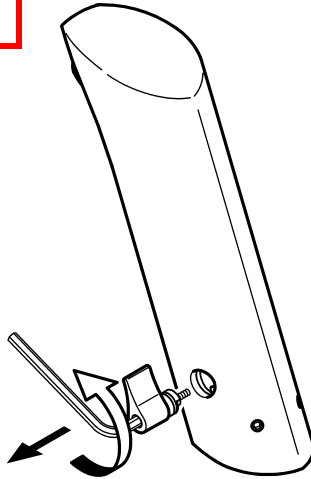
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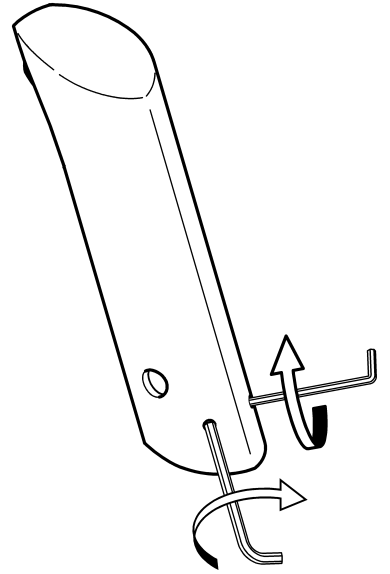
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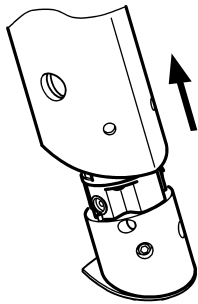
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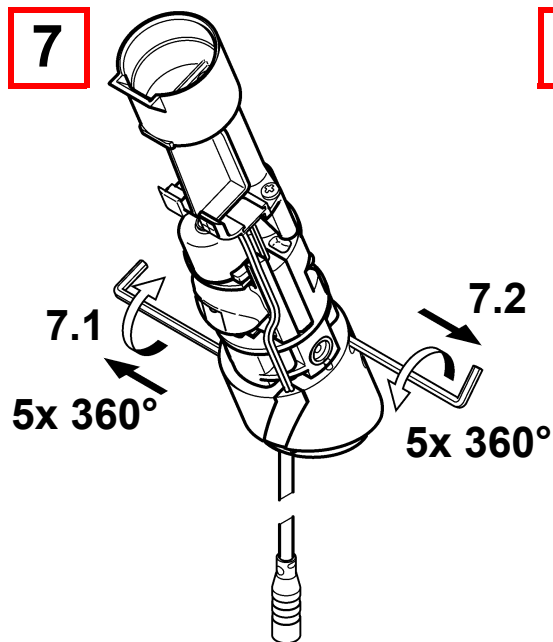
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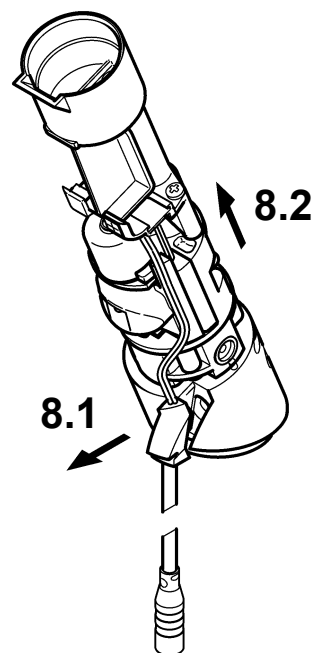
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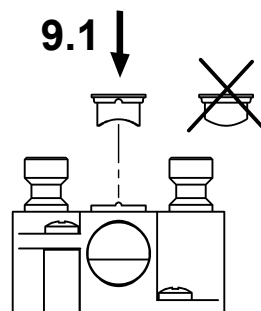
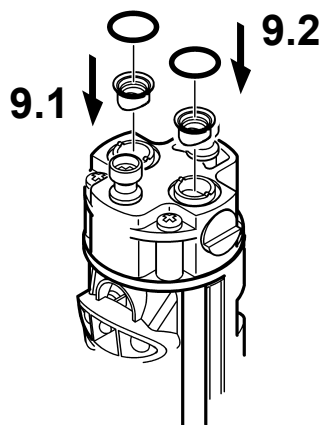
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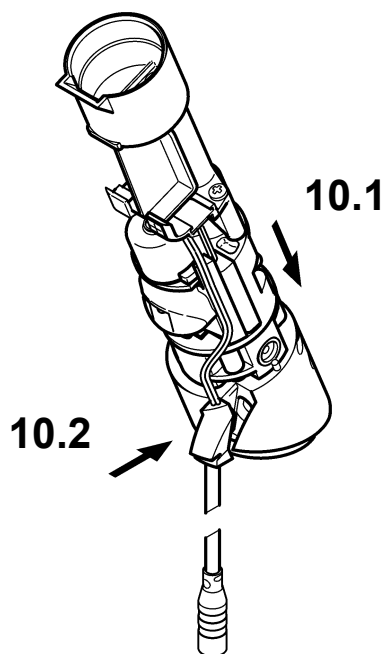
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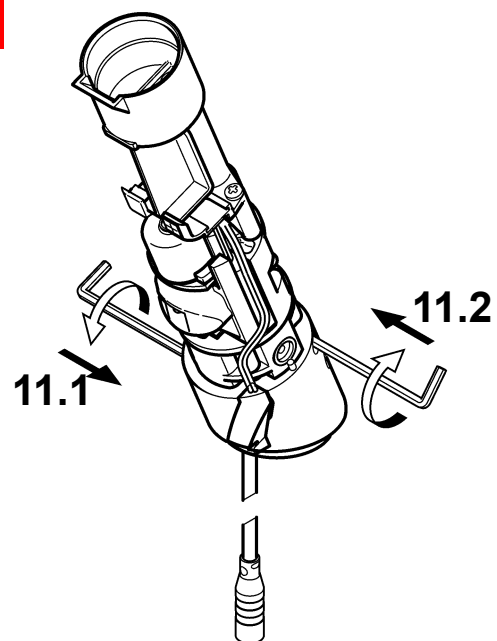
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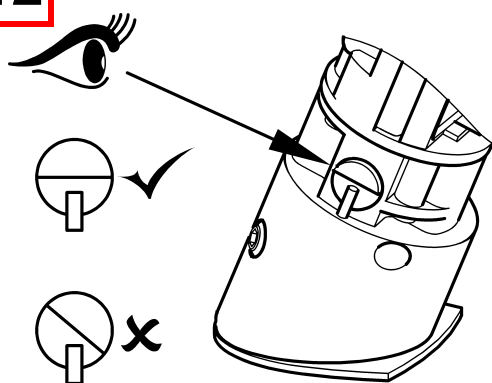
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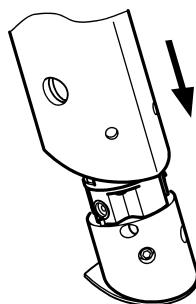
11



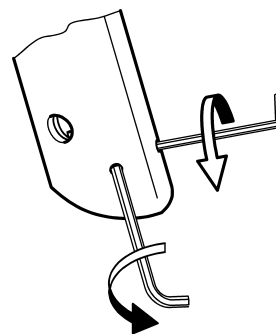
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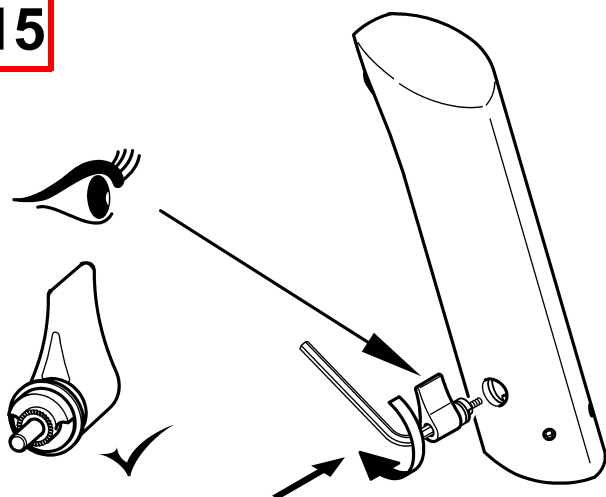
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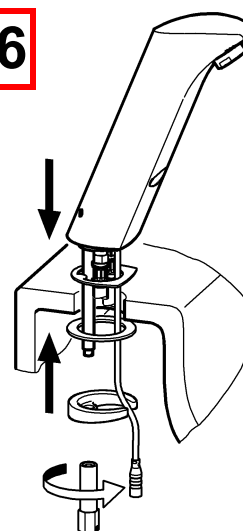
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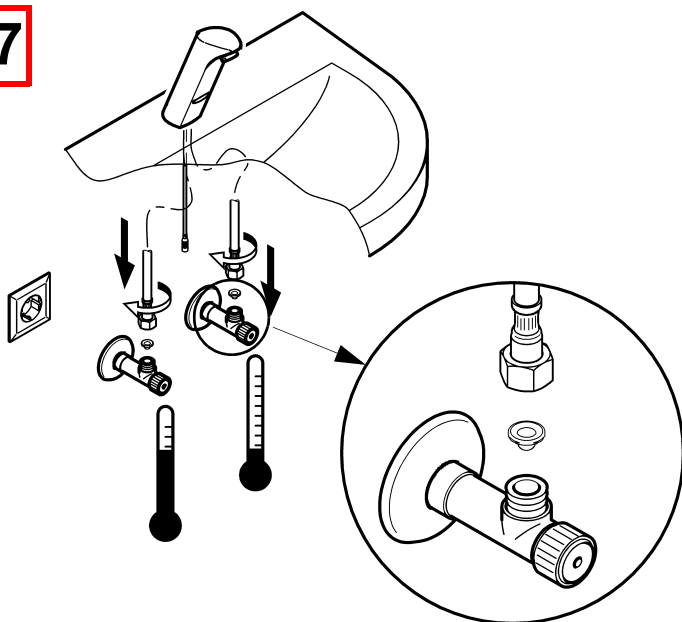
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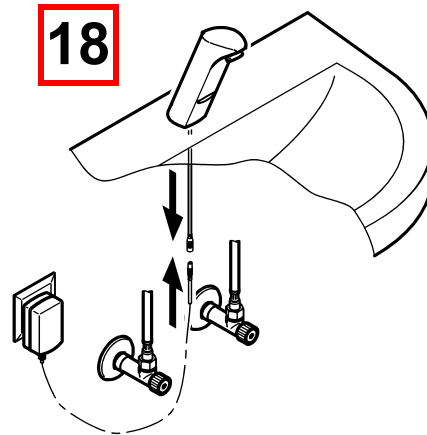
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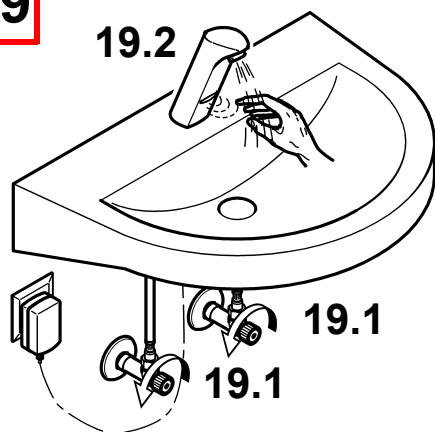
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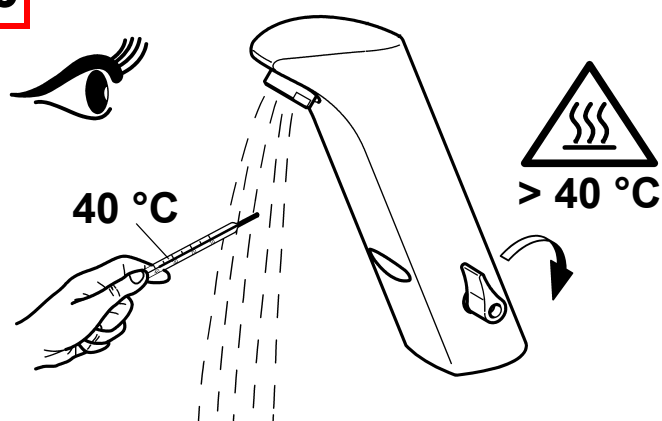
18



19



20

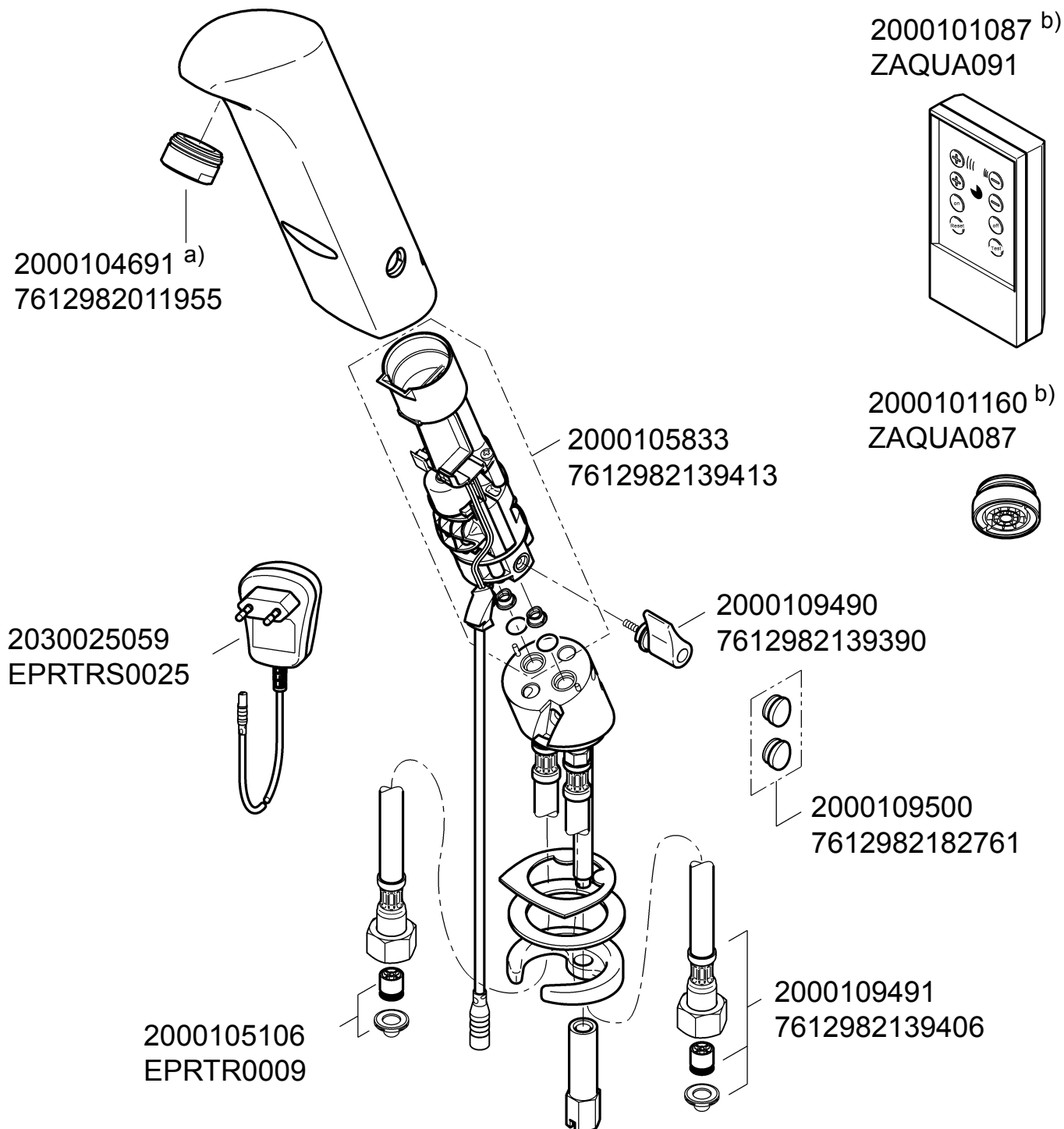


13. Ersatzteile

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



EN a) 10 pieces
b) Accessories

ES a) 10 piezas
b) Accesorios

PL a) 10 sztuk
b) Akcesoria

FI a) 10 kappaletta
b) Varusteet

DE a) 10 Stück
b) Zubehör

IT a) 10 pezzi
b) Accessori

SV a) 10 styck
b) Tillbehör

RU a) 10 штук
b) принадлежности

FR a) 10 pièces
b) Accessoire

NL a) 10 stuk
b) Toebehoren

CS a) 10 kusů
b) Příslušenství

Notizen

EN Notes

FR Notes

ES Notas

IT Annotazioni

NL Notities

PL Uwagi

SV Notiser

CS Poznámky

FI Muistiinpanot

RU Примечания

Notizen

EN Notes

FR Notes

ES Notas

IT Annotazioni

NL Notities

PL Uwagi

SV Notiser

CS Poznámky

FI Muistiinpanot

RU Примечания

Notizen

EN Notes

FR Notes

ES Notas

IT Annotazioni

NL Notities

PL Uwagi

SV Notiser

CS Poznámky

FI Muistiinpanot

RU Примечания

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