



Oras

Installation and maintenance guide



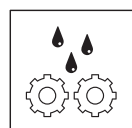
4-5



6-10



11



12-21



22



Oras App



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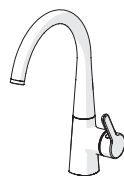
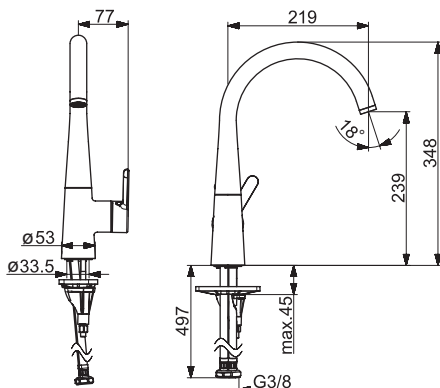
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3030F

I (ISO 3822)
EN 817
50 - 1000 kPa
0.2 l/s (300 kPa)
300 kPa (0.2 l/s)
max. +80°C



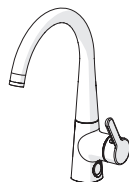
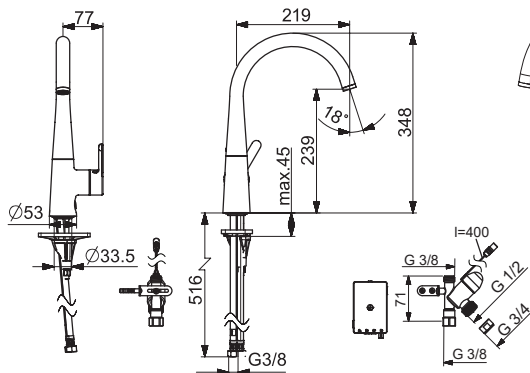
mpi.oras.com/3030F

3035F



I (ISO 3822)
EN 817, EN 15091
50 - 1000 kPa
0.2 l/s (300 kPa)
300 kPa (0.2 l/s)
max. +70°C

IP 55
AA 1.5 V Lithium x 2

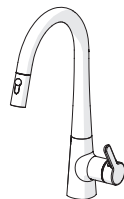
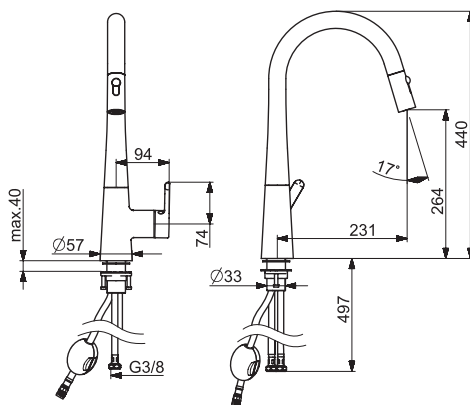


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CE (EMC 2014/30/EU)

3032F

I (ISO 3822)
EN 817
50 - 1000 kPa
0.2 l/s (300 kPa)
300 kPa (0.2 l/s)
max. +80°C

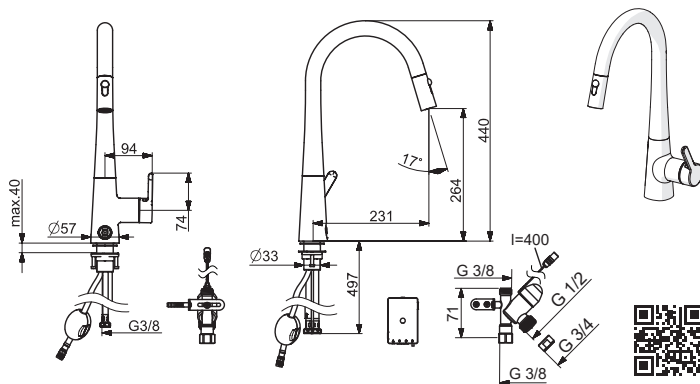


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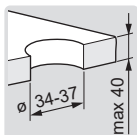
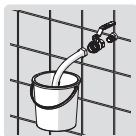
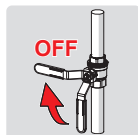
I (ISO 3822)
 EN 817, EN 15091
 50 - 1000 kPa
 0.18 l/s (300 kPa)
 95 kPa (0.1 l/s)
 370 kPa (0.2 l/s)
 max. +70°C

IP 55
 AA 1.5 V Lithium x 2

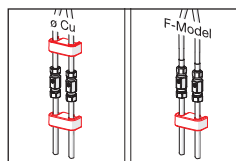
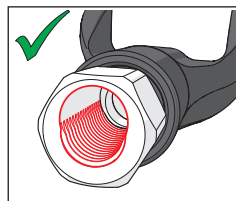
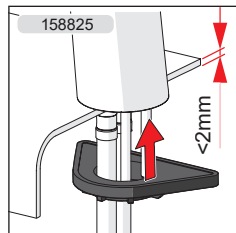


 (EMC 2014/30/EU)

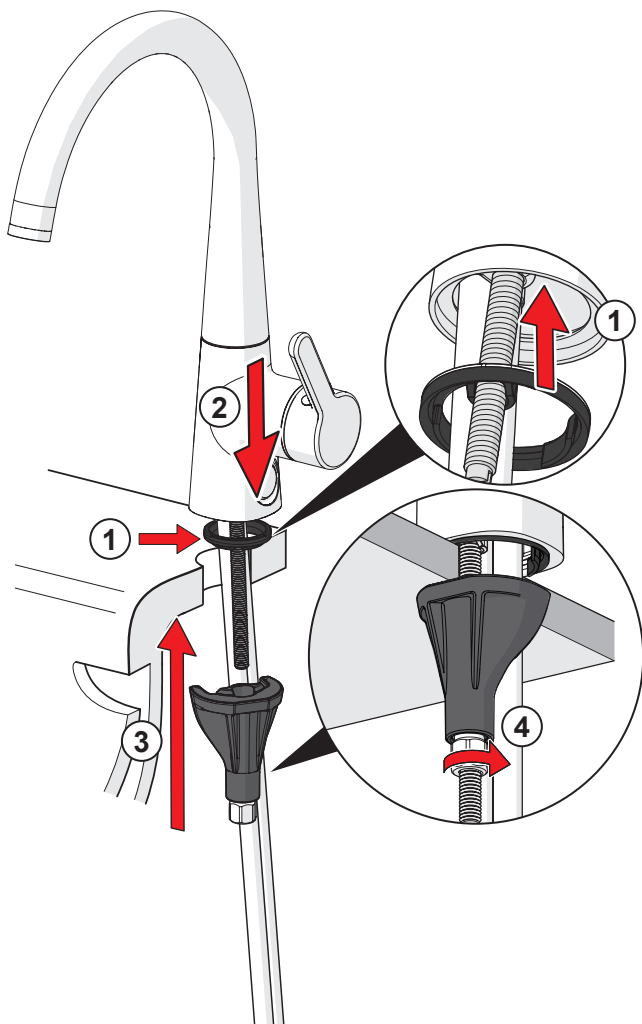
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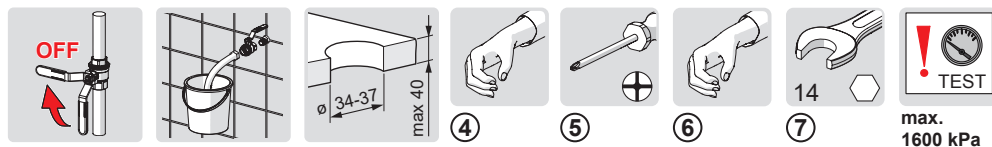


max.
1600 kPa

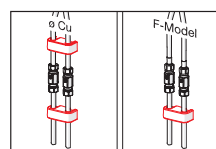
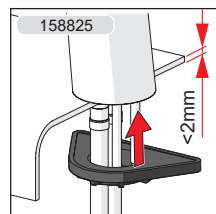
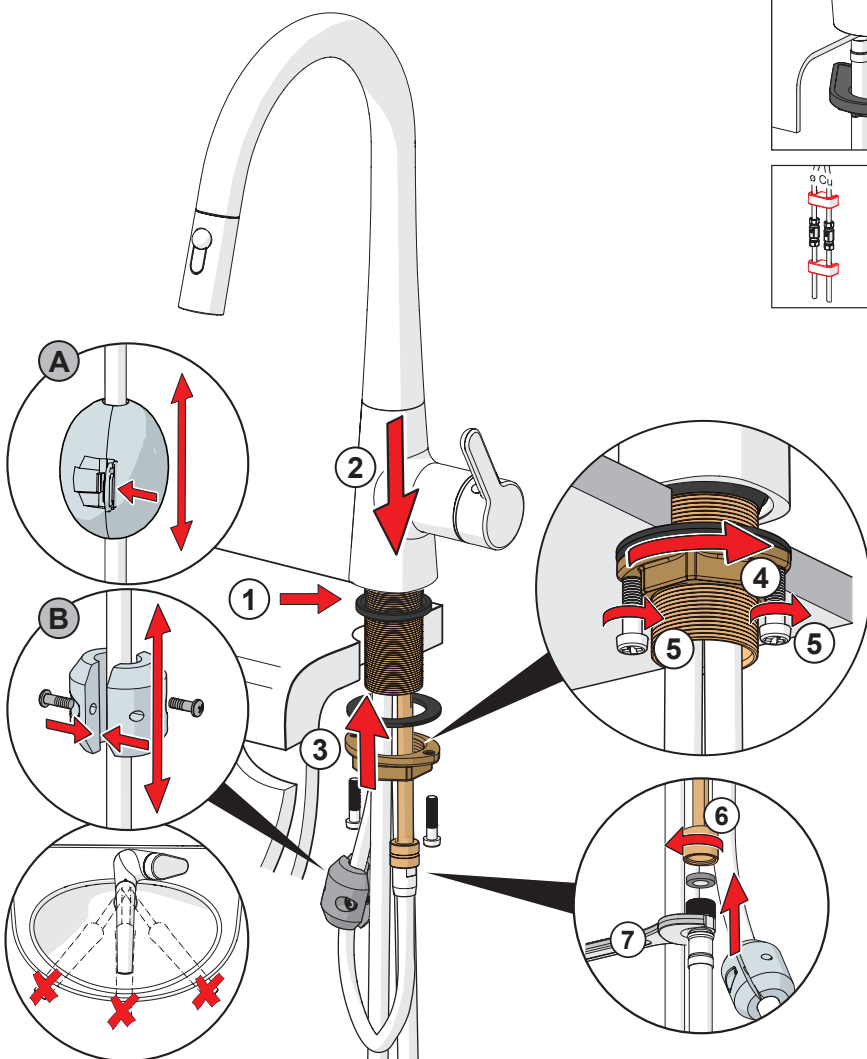


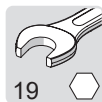
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1

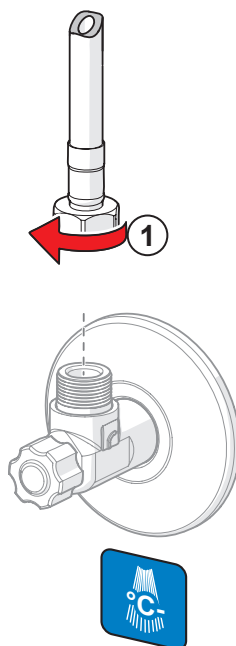
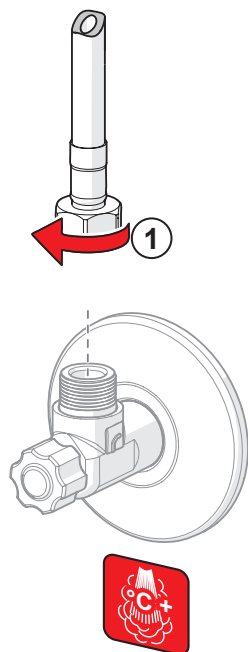
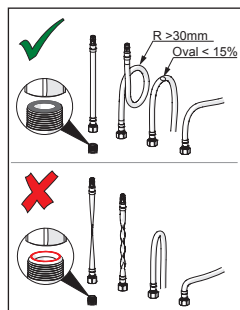


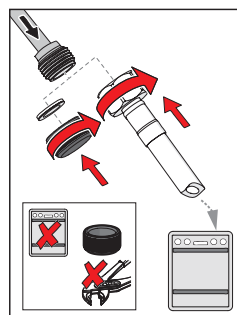
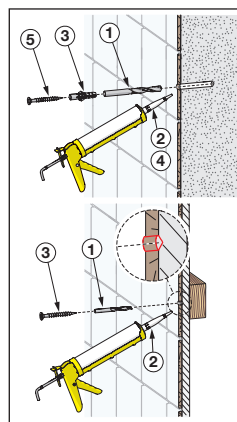
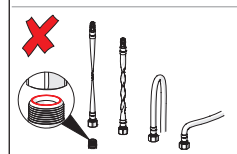
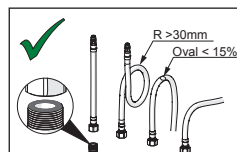
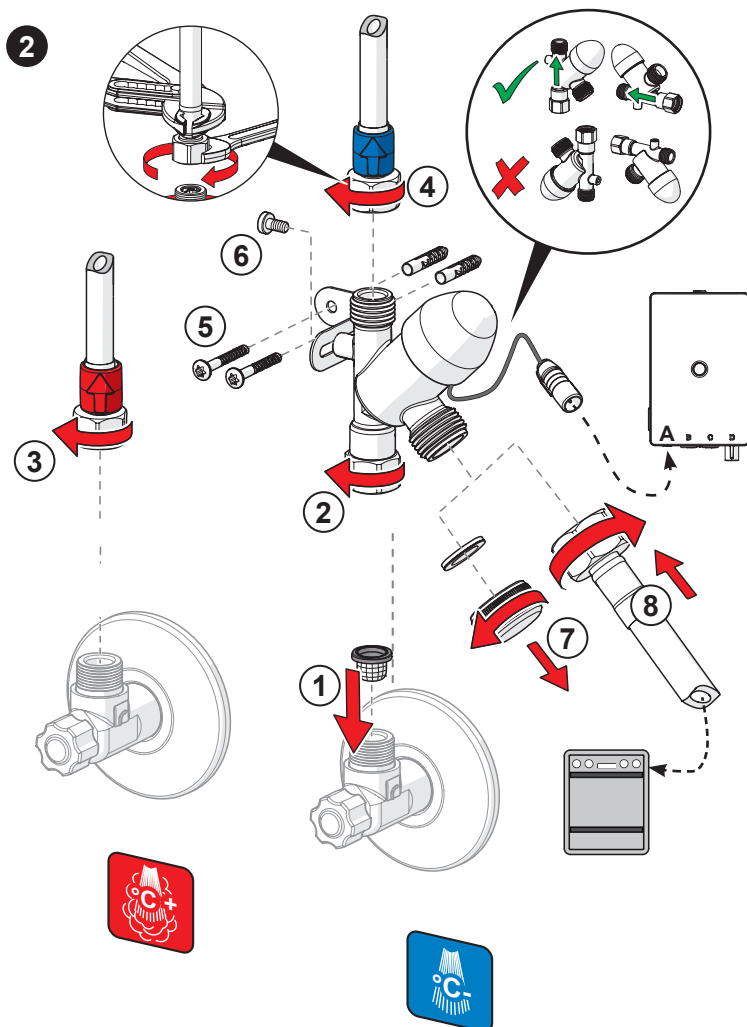
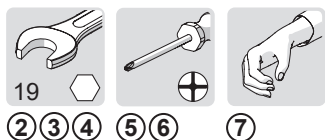


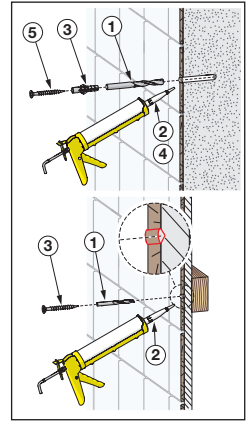
19

①

2







1.5 V Lithium x 2

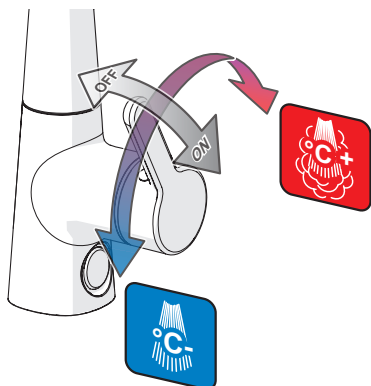
Diagram illustrating the assembly of the battery pack for the water meter. The components shown are:

- 1.5 V Lithium x 2**: Two AA 1.5V Lithium batteries.
- 2**: Battery cover (top plate).
- 3**: Battery holder (middle plate).
- 4**: Battery cover (bottom plate).
- 5**: Battery pack assembly (bottom plate with terminals A, B, C, D).
- 6**: Two cables (one black, one grey) connected to the battery pack.

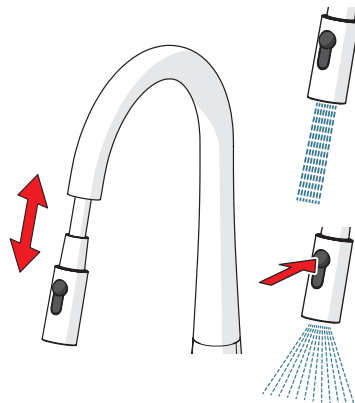
The assembly steps are indicated by red arrows and numbers:

- Insert the two AA 1.5V Lithium batteries into the battery holder (3).
- Attach the battery cover (2) to the battery holder (3).
- Attach the battery cover (4) to the battery holder (3).
- Attach the battery pack assembly (5) to the battery holder (3).
- Connect the two cables (6) to the battery pack assembly (5).

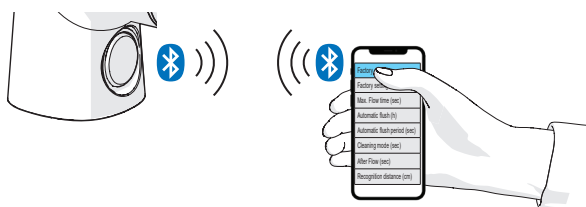
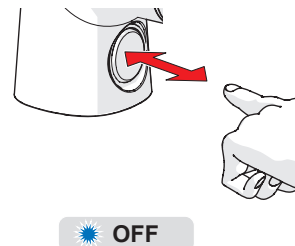
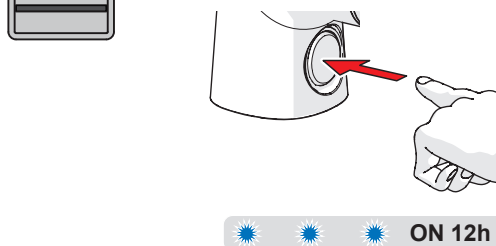
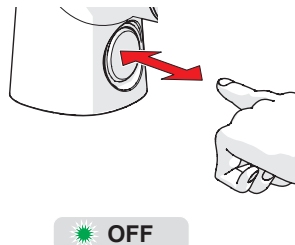
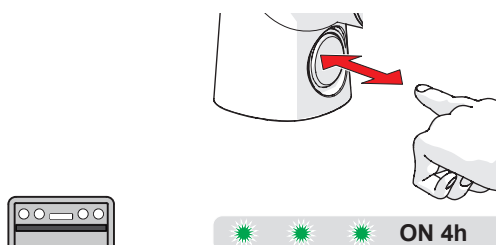
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2



3





①



②



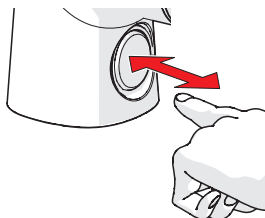
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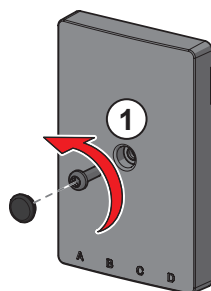
> 1 min

batteries off

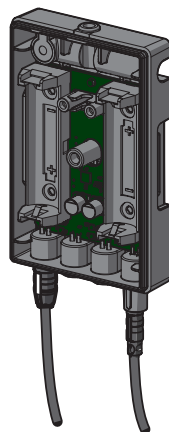
A



AA 1.5 V Lithium x 2



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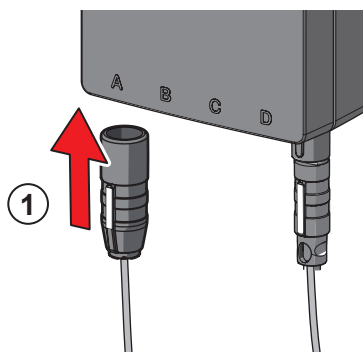
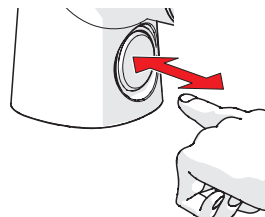


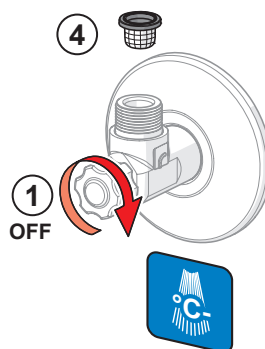
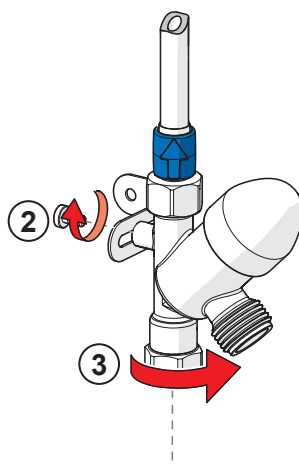
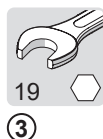
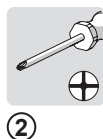
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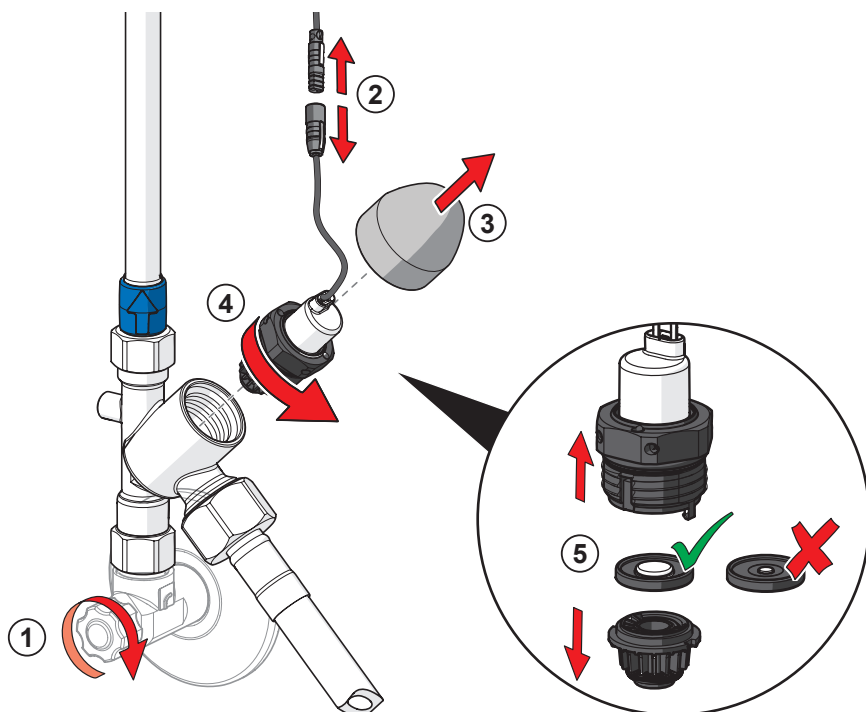
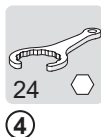
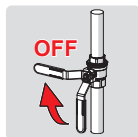
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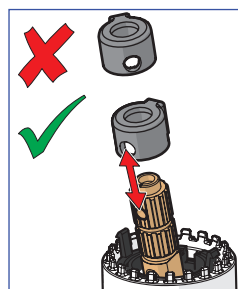
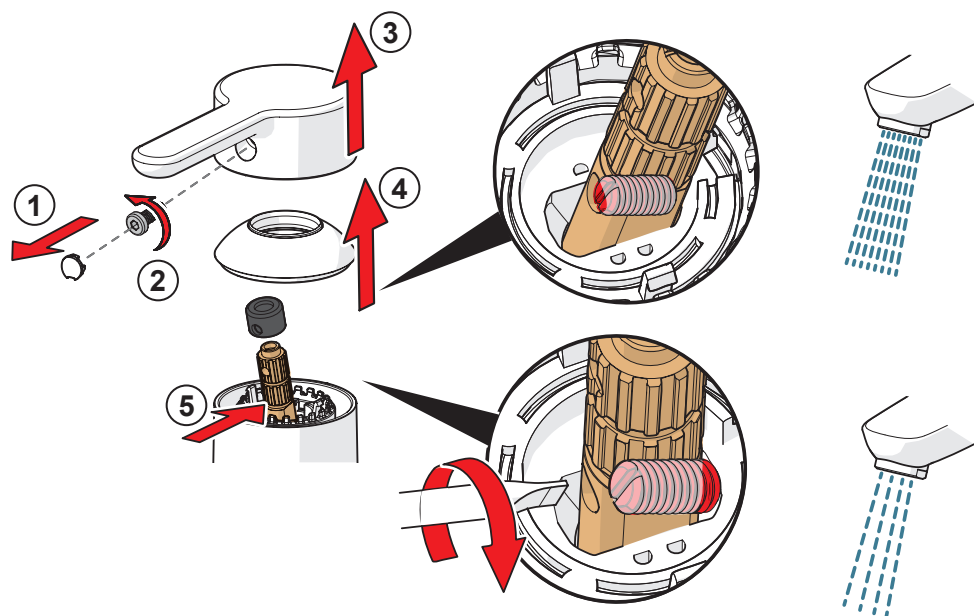
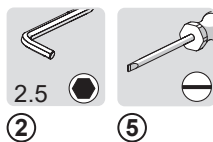
power off

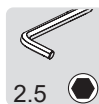
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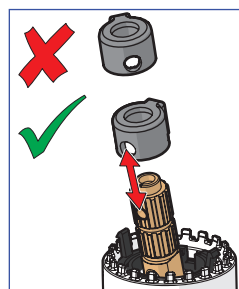
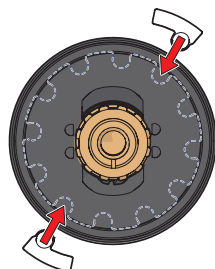
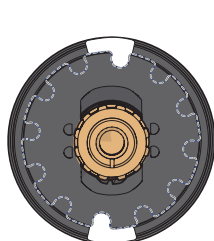
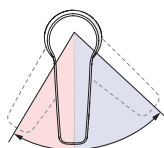
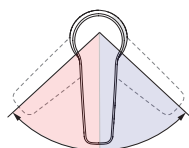
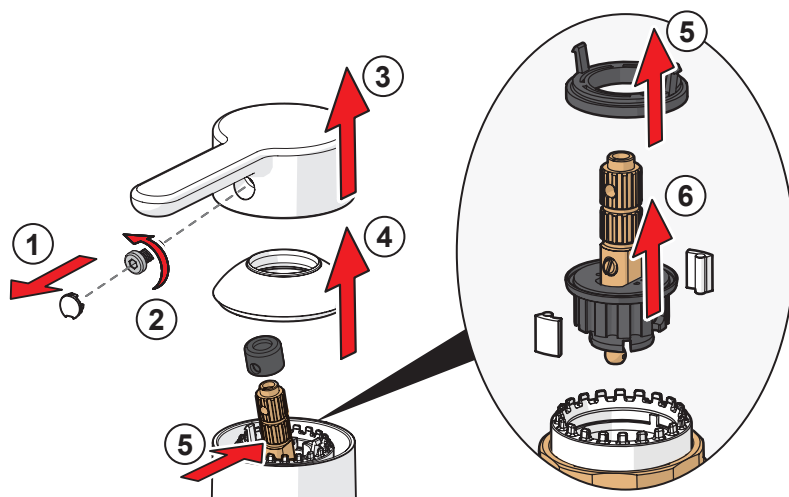


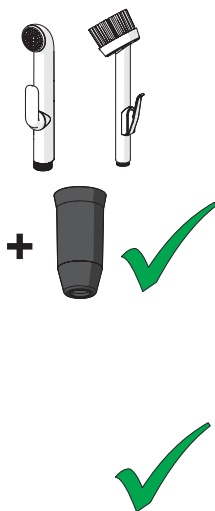
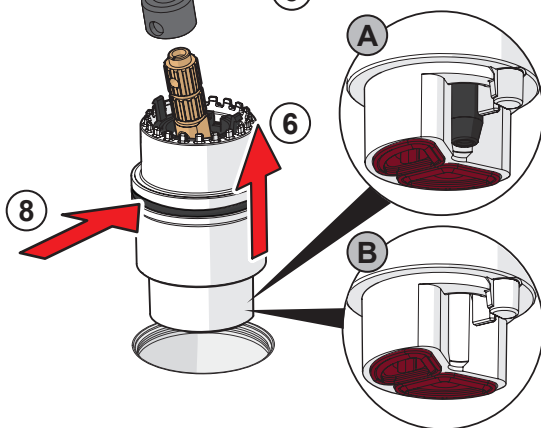
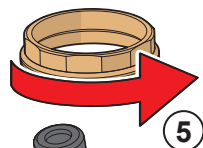
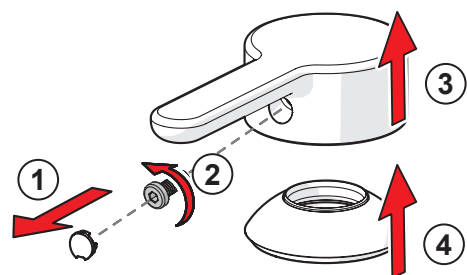
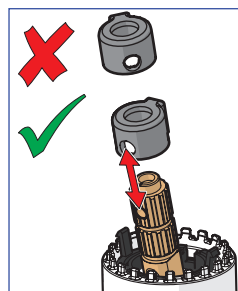
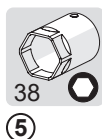
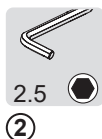


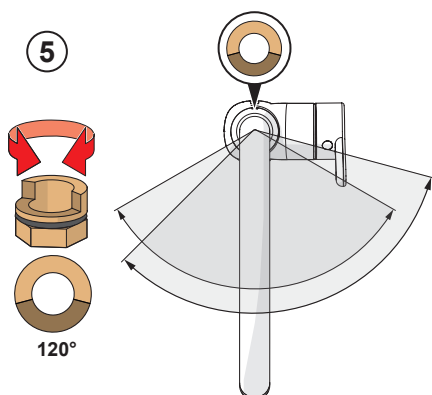
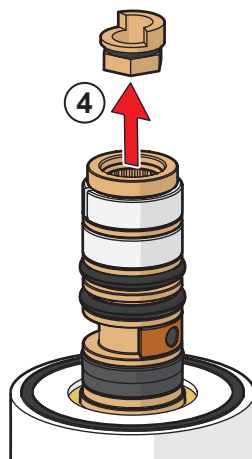
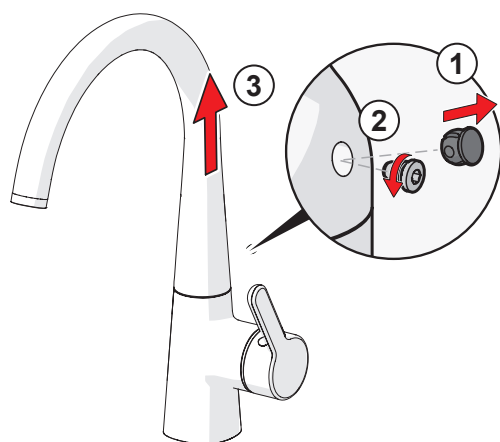
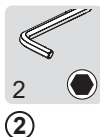
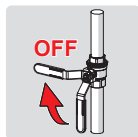
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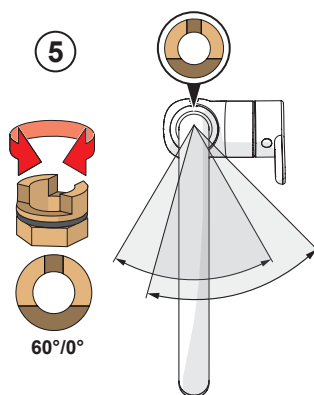
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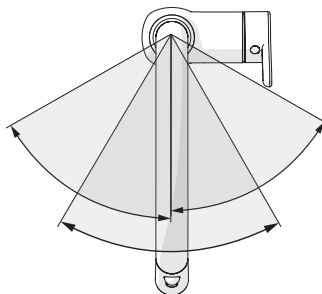
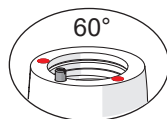
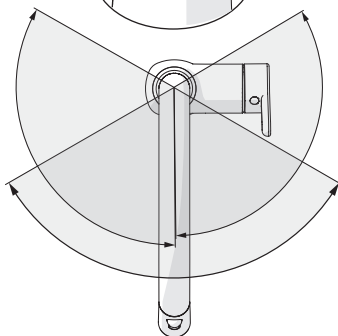
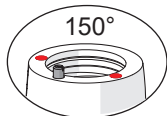
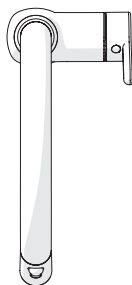
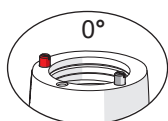
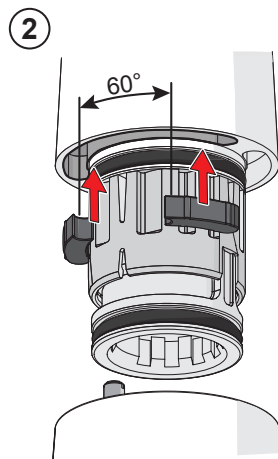
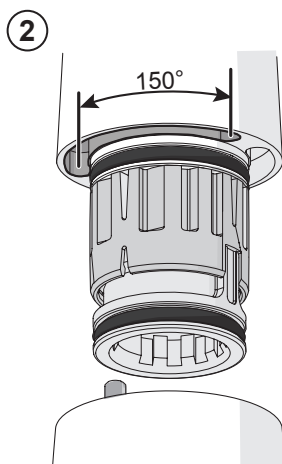
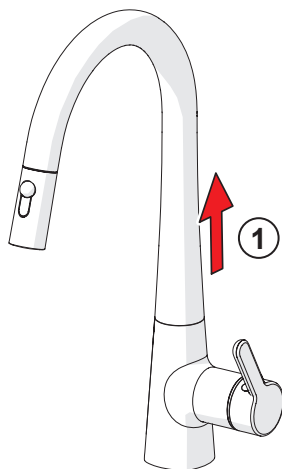
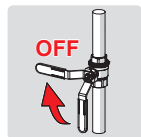


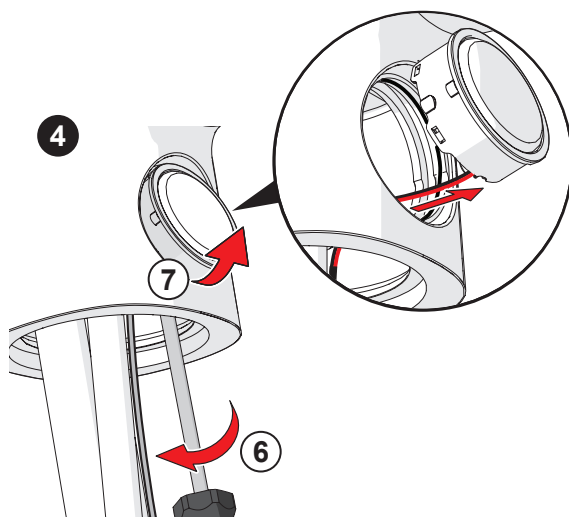
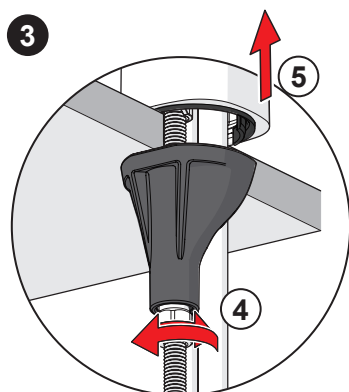
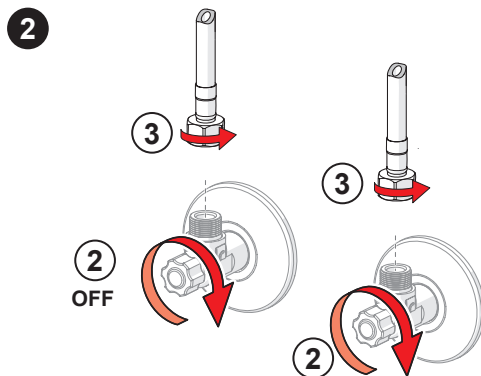
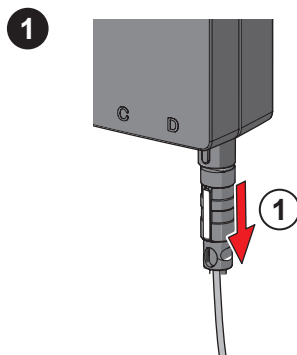
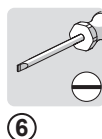
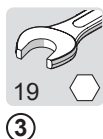


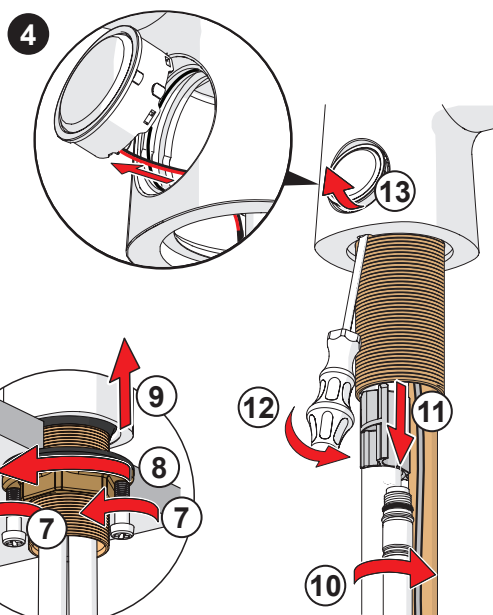
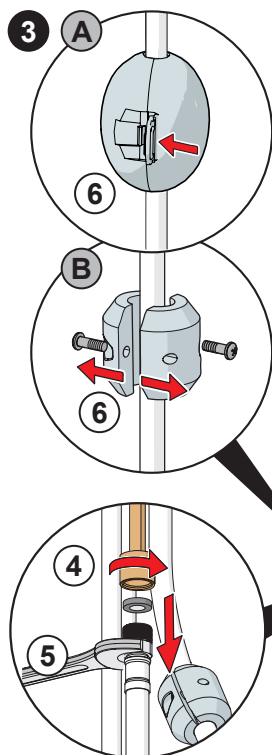
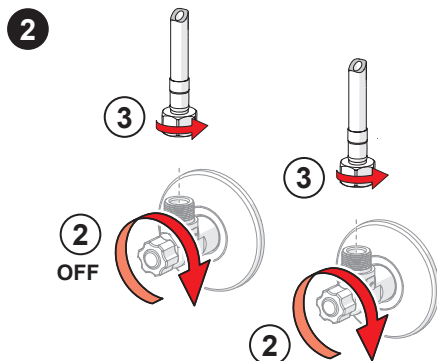
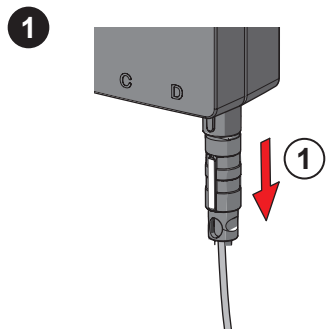
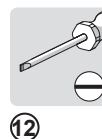
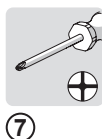
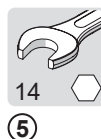
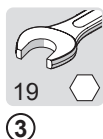
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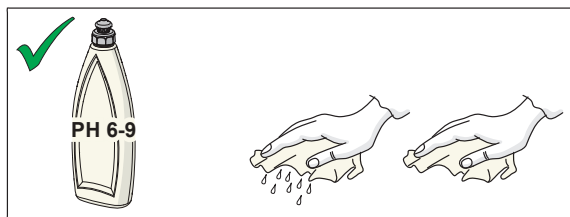
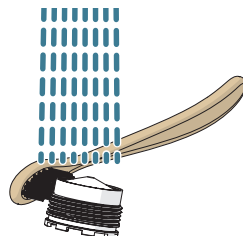
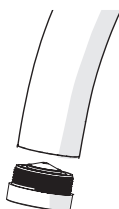
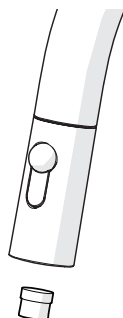
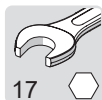


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