



Pole mount fixture
Entity PRO
Installation instructions

GARO[®]

Art no:380280



About this manual

The purpose of this manual is to provide you with the necessary information to install the pole attachment for the Entity PRO models Charging stations.

This document contains general descriptions which are verified to be accurate at the time of printing. However, because continuous improvement is a goal at GARO, we reserve the right to make product modifications at any time.

Product function description.

GARO offers two pole mount fixtures. The charging stations will be centered on the Pole.

The EPPFS is the first choice when you install a single GARO Entity PRO Charging Station.

The EPPFD is the first choice when you install two GARO Entity PRO charging station back-to-back.

It is possible to install two GARO Entity PRO charging stations back-to-back on a EPPFS, but a "daisychain" installation (where one cable is used from one pole to another) is easier to implement with the EPPFD

Tools and equipment needed

- Torx driver (T25, T30)
- Wrench (8 mm)
- Flat screwdriver
- Power cable
- Ethernet cable*
- Control cable*

* If applicable

To install the Entity PRO charging station

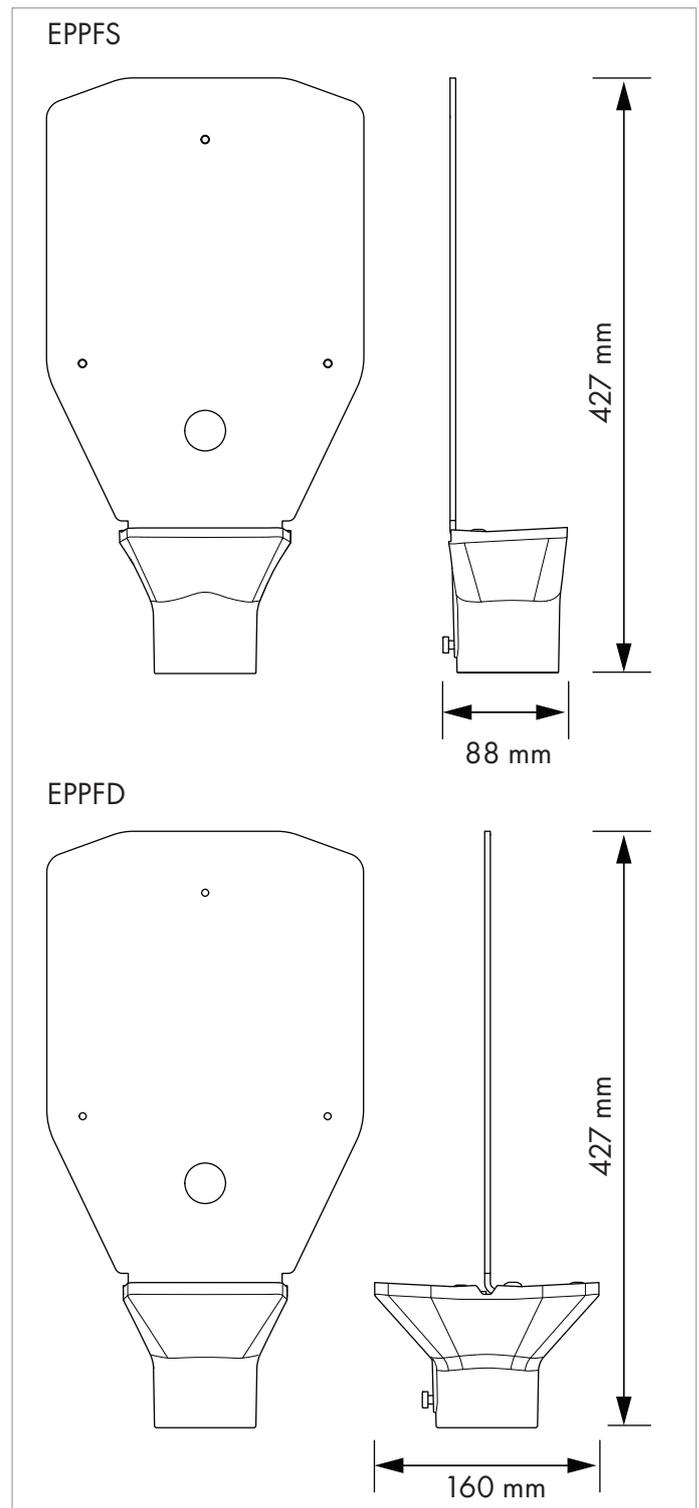
This manual does not contain instructions on how to install a Garo Charging station. To install the Entity PRO charging station refer to the installation manual. The installation of a charging station must be done by an authorized electrician. Follow national regulations.

Pole

Any 60 mm tube can be used to mount the pole mount fixture. Poles and ground anchors can be ordered from www.garo.se.

Make sure that the pole is firmly attached to the ground before you attach the pole mount fixture.

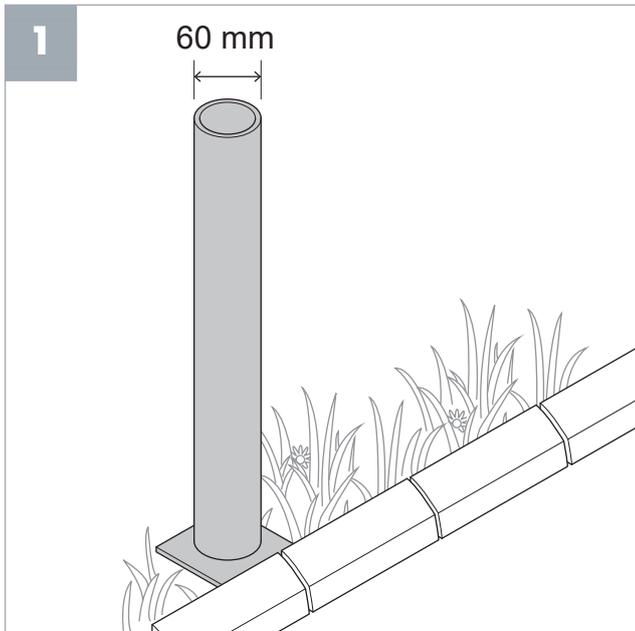
Dimensions



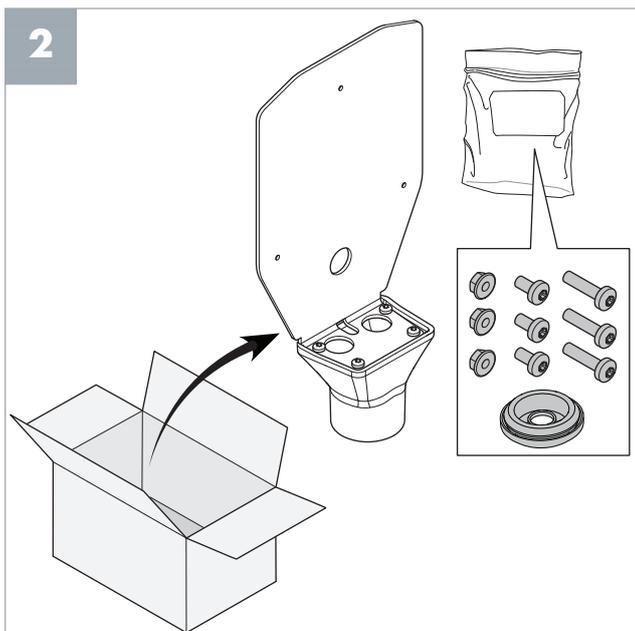
1. Install the Pole mount fixture

The mounting process and torques used are the same for both the single and double pole mount fixtures .

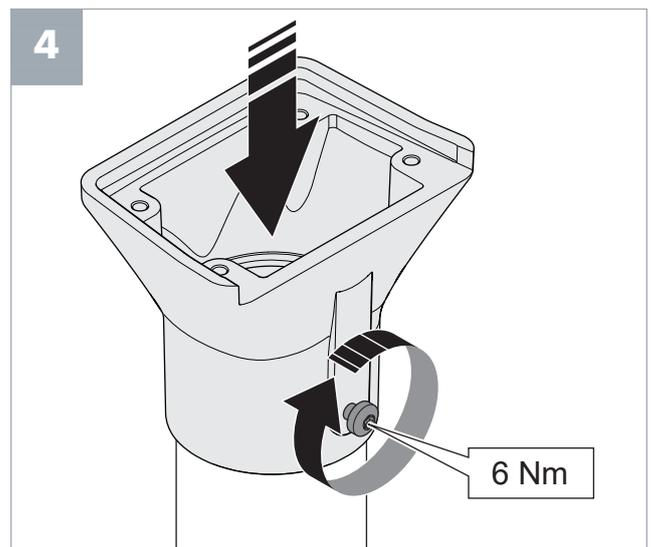
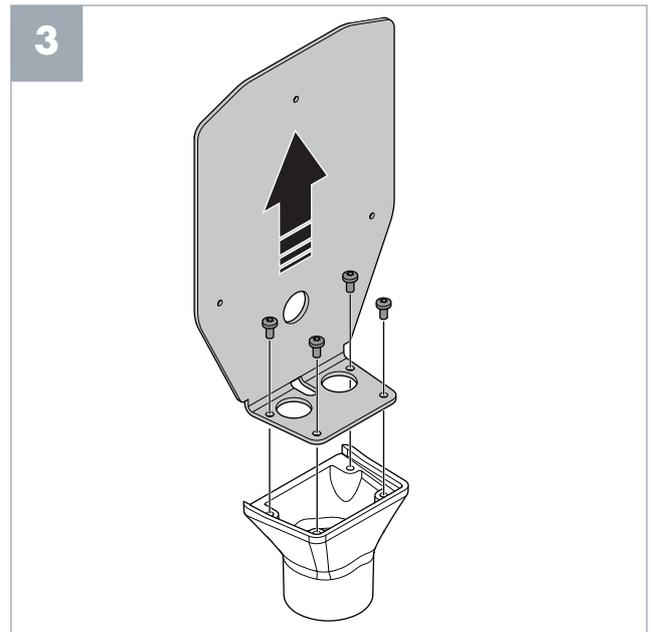
Before you start the installation, make sure that the cables are prepared and positioned according to national regulations.



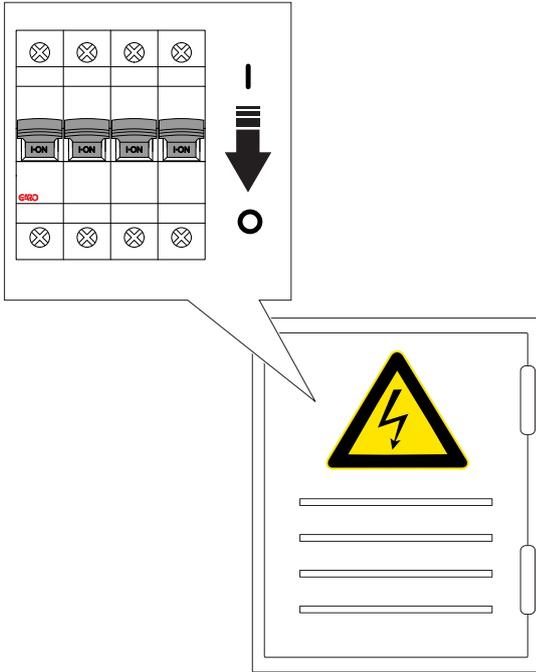
Note: Make sure that the pole is attached firmly to the ground.



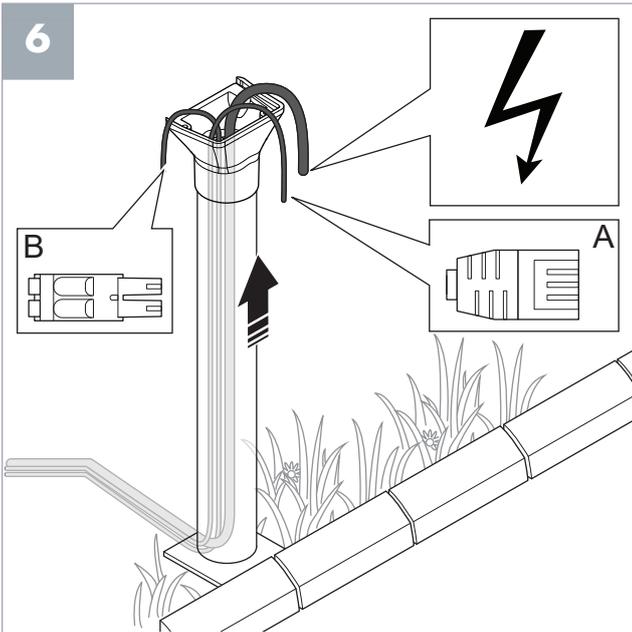
Note: The short screws are for single CS installation and the long screws are for double CS installation.



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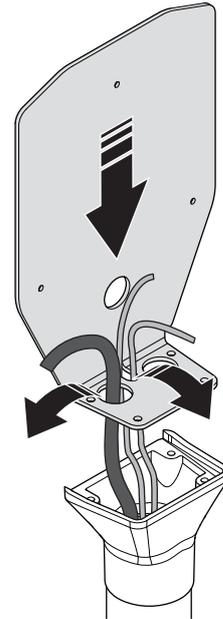


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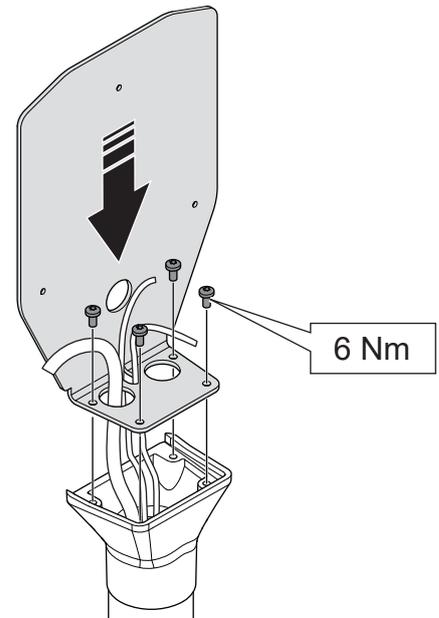


Note: Only if an ethernet cable (RJ45) (A) and/or a control cable (B) is used.

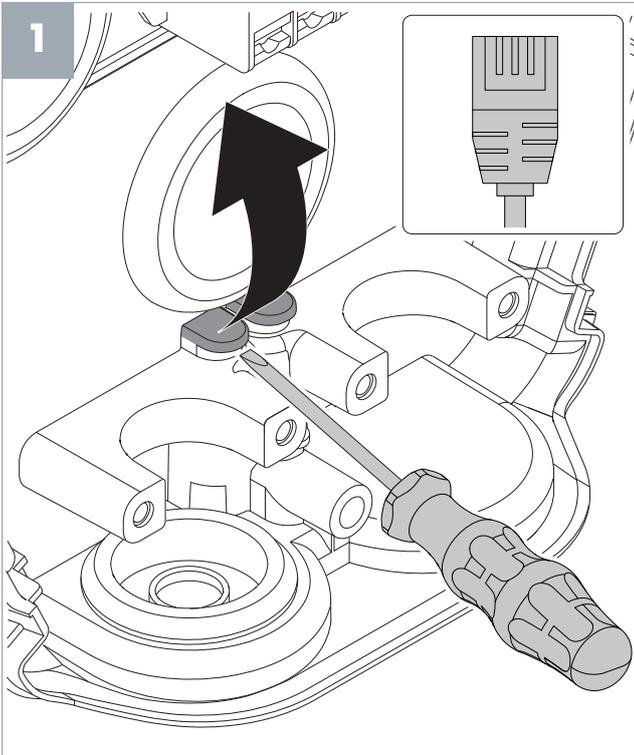
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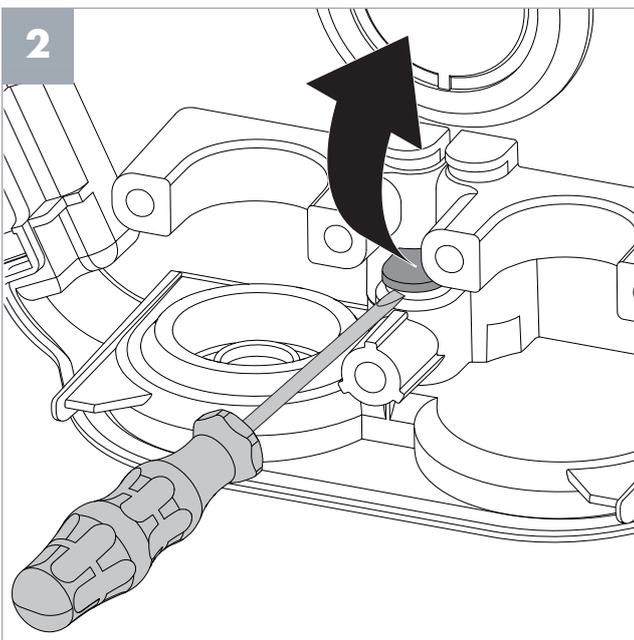
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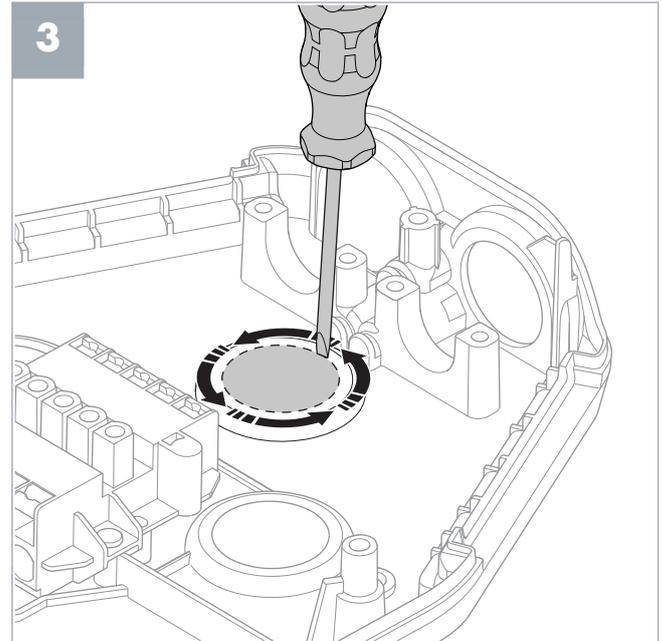
2. Prepare the CS bracket for installation on the pole mount fixture



Note: Only if an ethernet cable is used.



Note: Only if an control cable is used.

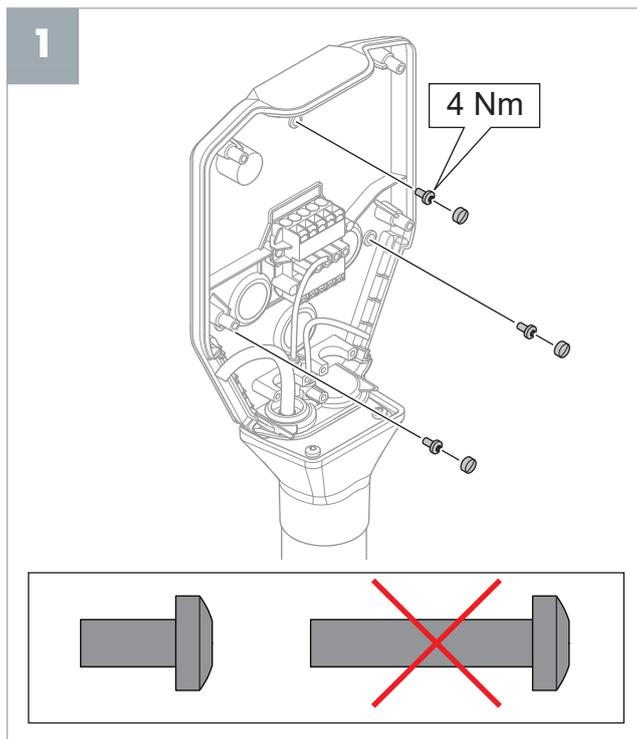


Note: Only if you install two CS on the pole mount fixture. Do this on installation brackets of the charging stations. Use a cable grommet to seal the hole to the steelplate.

3. Attach CS bracket(s) to the pole mount fixture

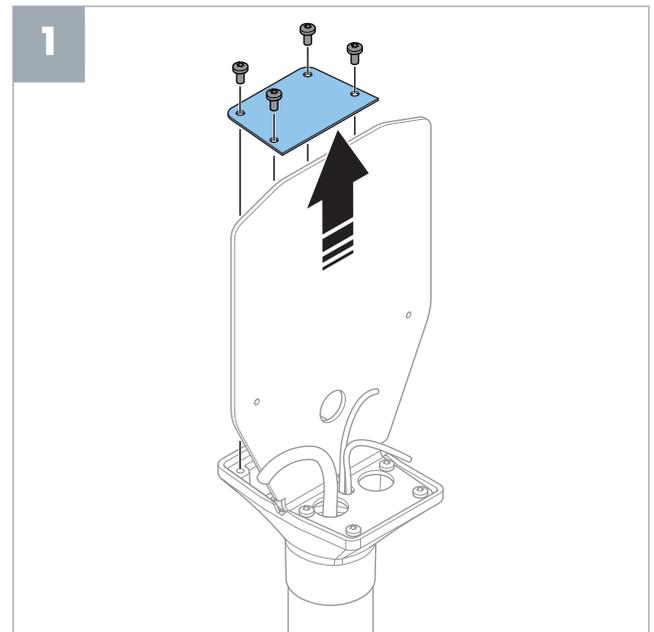
You can attach one or two charging station(s) to both the single (EPPFS) and the double (EPPFD) pole mount fixture. The double version (EPPFD) is recommended for daisy chaining (when several CS & poles are installed using the same power cable)

3.1 Attach a CS bracket to the single (EPPFS) pole mount fixture

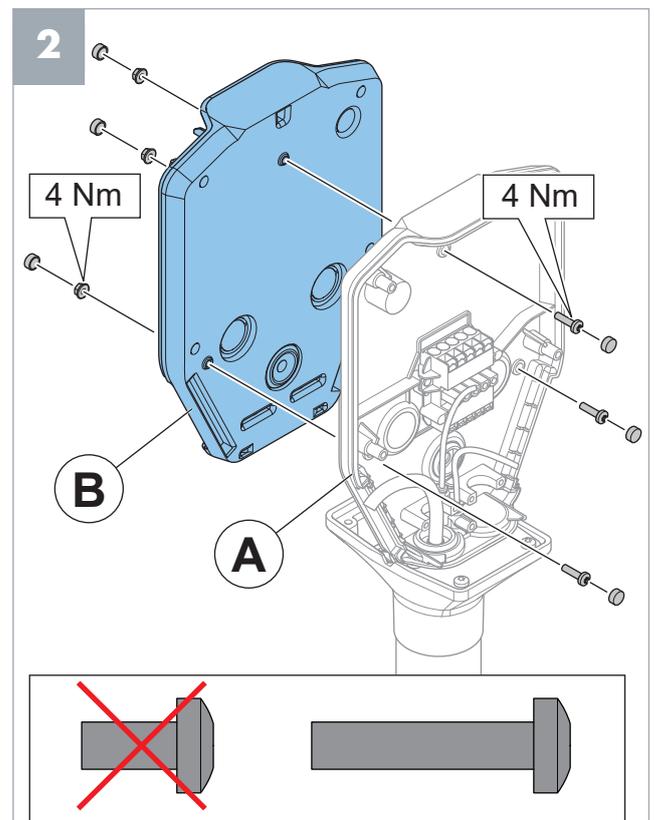


Note: A second CS can be installed on the back of the mounting plate of the pole mount fixture. In that case the long screws must be used.

3.2 Attach two CS brackets to the double (EPPFD) pole mount fixture



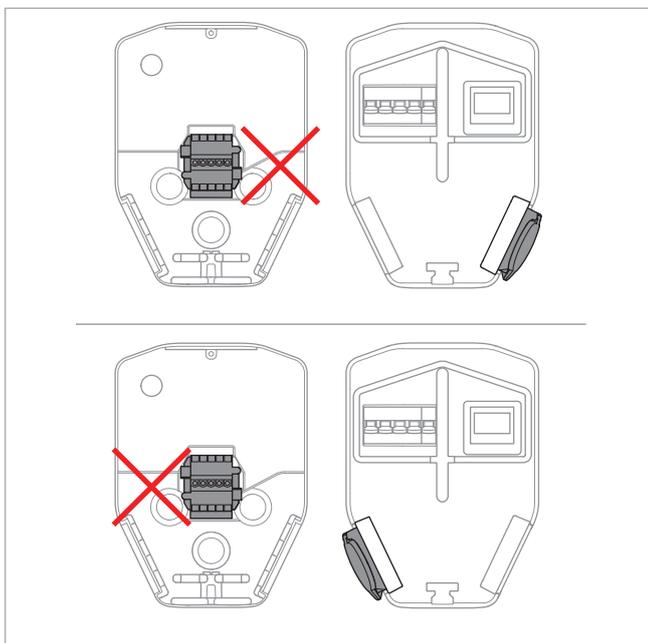
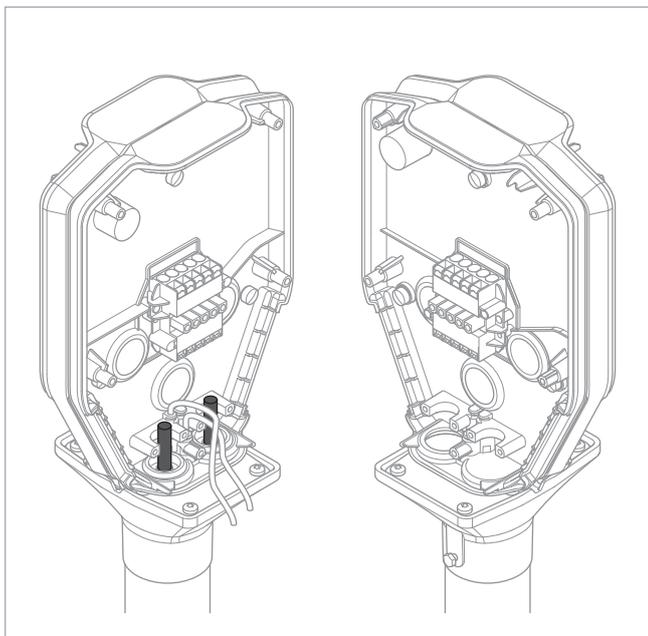
Note: Only remove the water protection plate when you attach two CS on the pole attachment.



Note: Thread the cables through CS bracket (A) before you attach the bracket to the pole mount fixture and CS bracket (B).

4. Cable routing

There are several ways (depending on the CS version) to route the power cables when you install two charging stations and plan for daisy-chaining. Make sure that cable grommets are used at the holes of the incoming and outgoing power cables.



Note: For outlet versions only: Do not pinch the power cable wires. Do not route the wires on the same side of the connection terminal as the outlet.



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