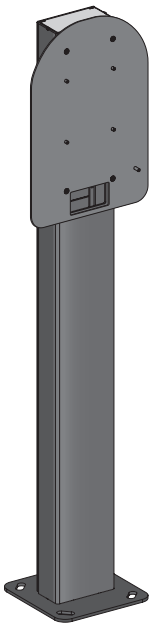
Schneider Charge Pro - EVA2PBS1 - EVA2PBS2 - EBA2PCS2

en Pedestal Instruction Sheet

www.se.com	
BRU4438903	en Schneider Charge Pro - Pedestal Instruction Sheet



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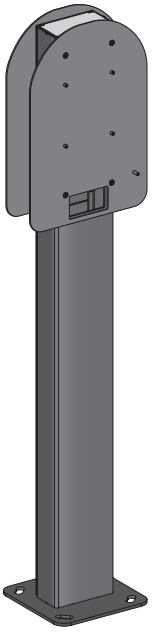

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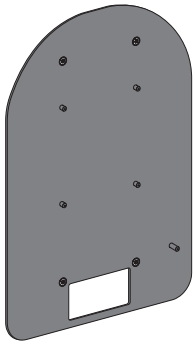

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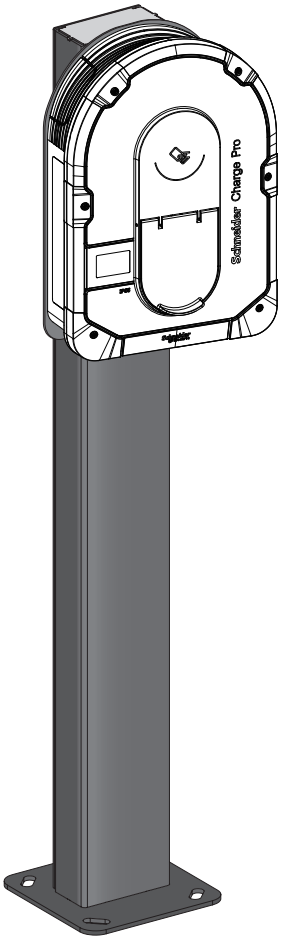
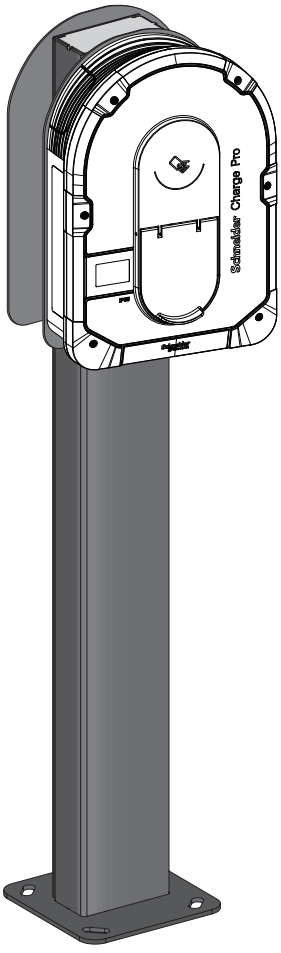
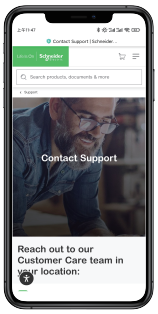




Customer Care Center



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Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

Safety

Important Information

Read these instructions carefully, and look at the equipment to become familiar with the device before trying to install, operate, or maintain it. The following special messages may appear throughout this documentation or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.

The addition of this symbol to a “Danger” or “Warning” safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

⚠ WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

⚠ CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

PLEASE NOTE
- All applicable local, regional and national regulations must be complied with during the installation, use, maintenance and replacement of this device.
- Schneider Electric cannot be held responsible in the event of non-compliance with the instructions in this document and in the documents to which it refers.
- The service instruction must be observed throughout the life time of this device.

To simplify the illustrations, only the power and earth wiring are shown in the document.

⚠ ⚠ WARNING

RISK OF INJURY OR DAMAGING THE CHARGING STATION
- The installation, maintenance and eventual replacement of this device must only be carried out by a qualified electrician.
- This device must not be repaired.
- This device should not be installed if, when unpacking, you observe that it is damaged.
- Do not install the product under bad weather condition without adequate protections.

Failure to follow these instructions could result in death, serious injury, or equipment damage.

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1 Content

⚠⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

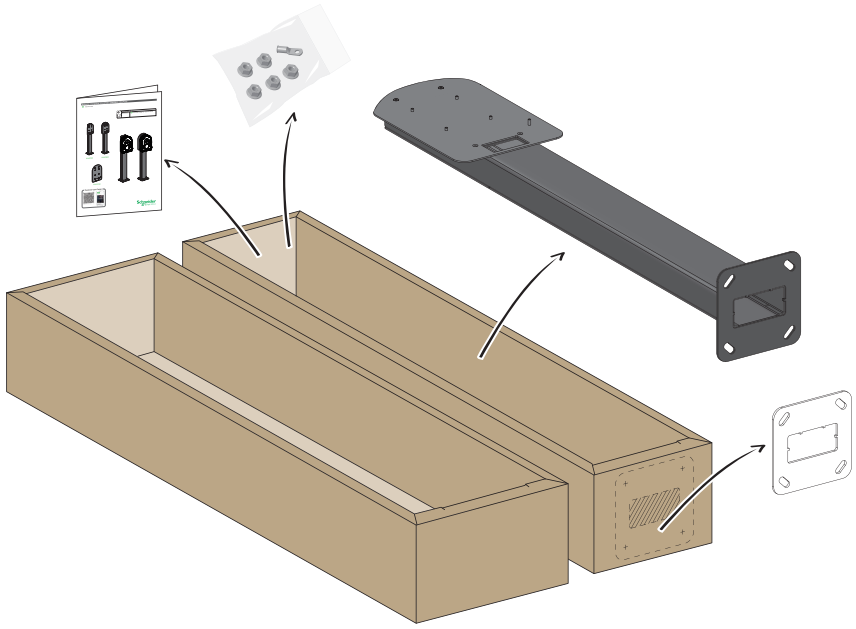
- It is mandatory to read the detailed instruction sheet of this device and to look at the device to become familiar with it before attempting to install it, operate it, repair it or perform maintenance on it.
- Wear suitable personal protective equipment (PPE) and follow all safety procedures.
- Turn off all power supplying this device before working on or inside device.
- Always use a properly rated voltage sensing device to confirm power is off.

Failure to follow these instructions will result in death or serious injury.

1 Charging station accessory bag ref EVA2PBS1	Bag for Instruction Sheet	1
	Bag for fasteners	1
	Instruction Sheet (notice)	1
	Ring tongue	1
	Nut	5

2 Charging station accessory bag ref EVA2PBS2	Bag for Instruction Sheet	1
	Bag for fasteners	1
	Instruction Sheet (notice)	1
	Ring tongue	2
	Nut	10

Conversion kit accessory bag ref EVA2PCS2	Bag for fasteners	1
	Label to download the Instruction Sheet	1
	Ring tongue	1
	Nut	5



The 4 fixing M16 shanks and nuts / washer are not provided. The installer decides the length of the M16 shank to use based on the ground type.

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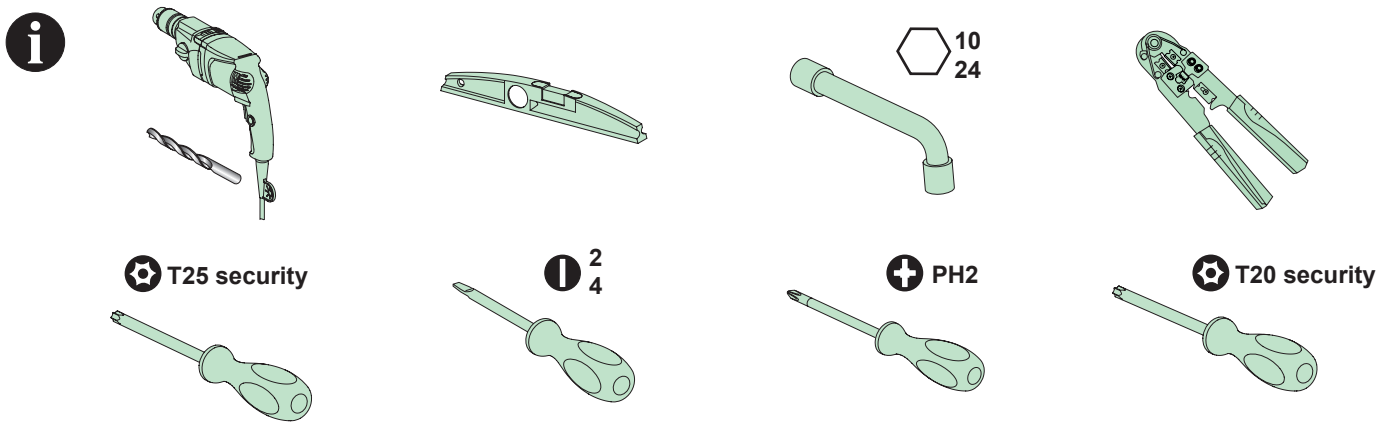
1 Content



Note: Tools not part of the package.

2 Civil works

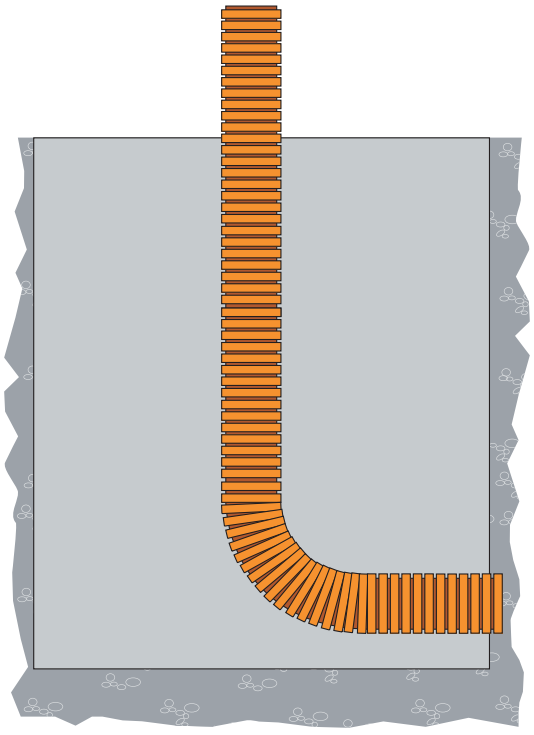
⚠⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH
Install a ground rod if the ground resistance is greater than the threshold defined in the applicable standards and local laws.
Failure to follow these instructions will result in death or serious injury.

NOTICE

RISK OF DAMAGING THE PEDESTAL
- The pedestal must be attached to the ground in accordance with applicable standards and local laws.
- The pedestal must be secured with stainless steel M16 threaded rods (not supplied).
- Impact protection devices (impact by vehicle) must be installed around the pedestal. (Protection devices not supplied)

Failure to follow these instructions could result in equipment damage.



The pedestal is designed to accommodate up to two sleeves of maximum diameter 62 mm.

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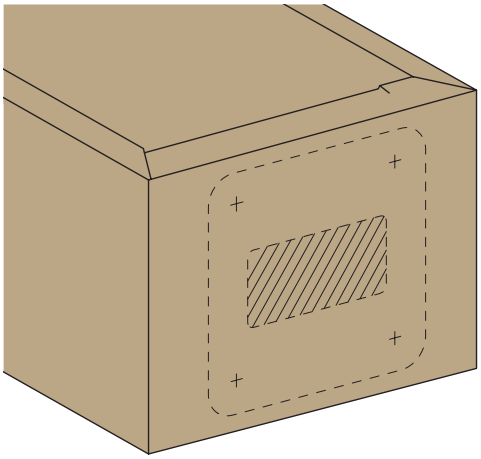
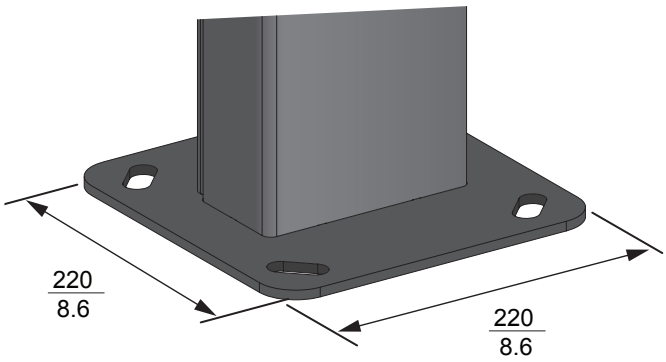
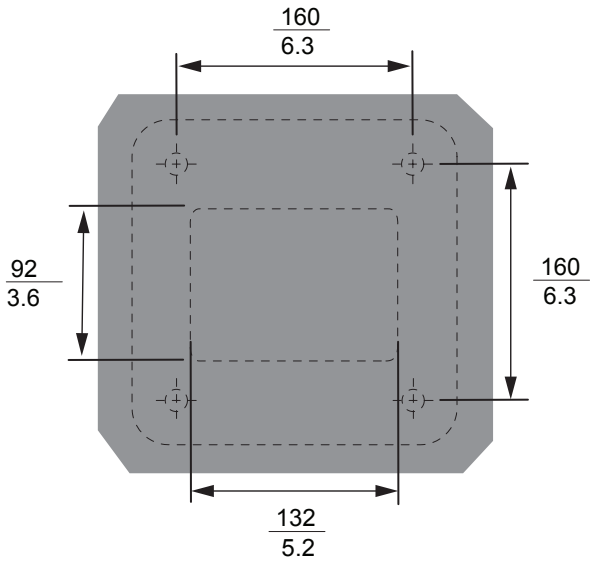
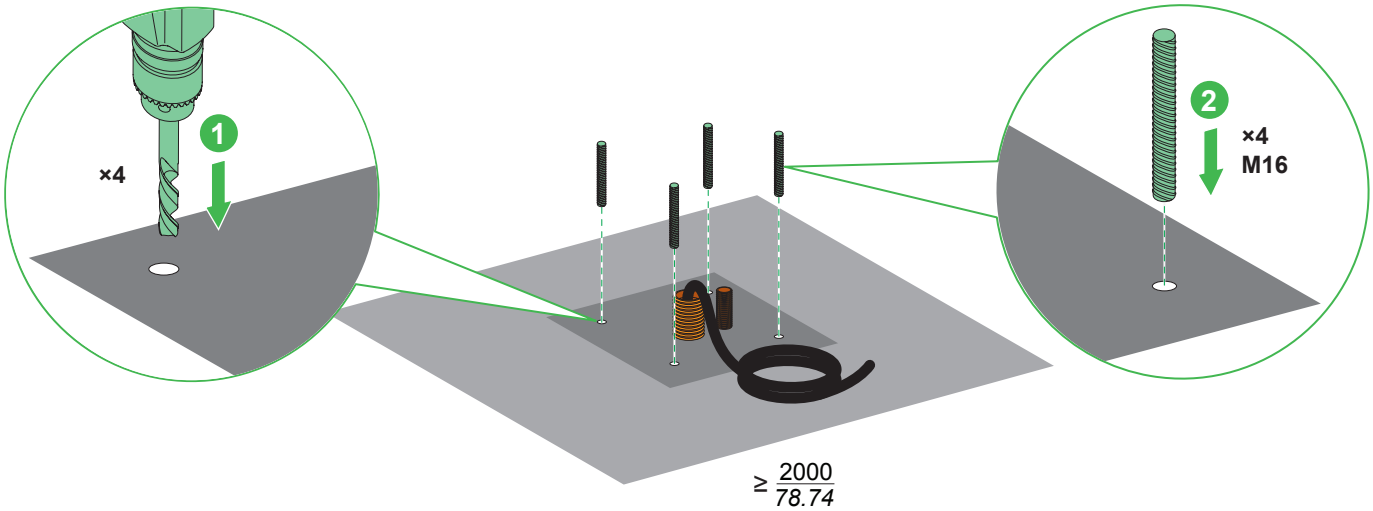
2 Civil works

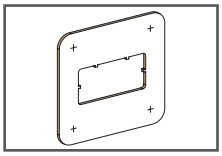
mm
in.











The 4 M16 shanks must protrude between 10 mm and 25 mm above the plate of the pedestal and nut.
If a signal or Ethernet cable is used, separate it from the path of the power cable.

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3 Preparing the pedestal

⚠⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH
Position the edge protection supplied to prevent damage to the cables.
Failure to follow these instructions will result in death or serious injury.

⚠ CAUTION

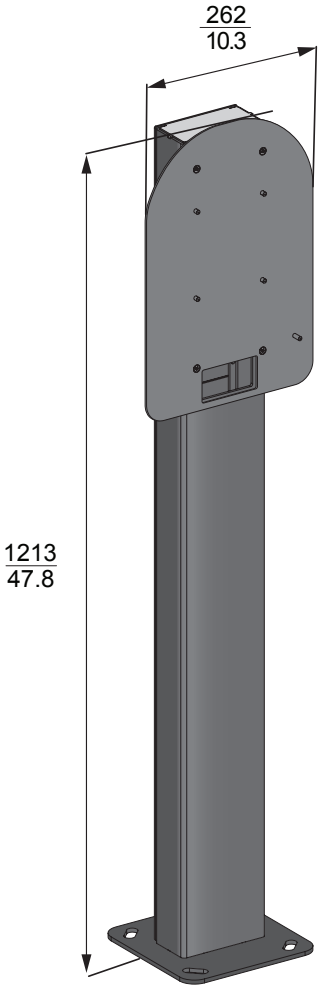
RISK OF CUTTING
Wear suitable protective gloves.
Failure to follow these instructions could result in injury or equipment damage.

NOTICE

RISK OF DAMAGING THE PEDESTAL
Place the pedestal on its packaging.
Failure to follow these instructions could result in equipment damage.

3.1 Dimensions

mm
in.



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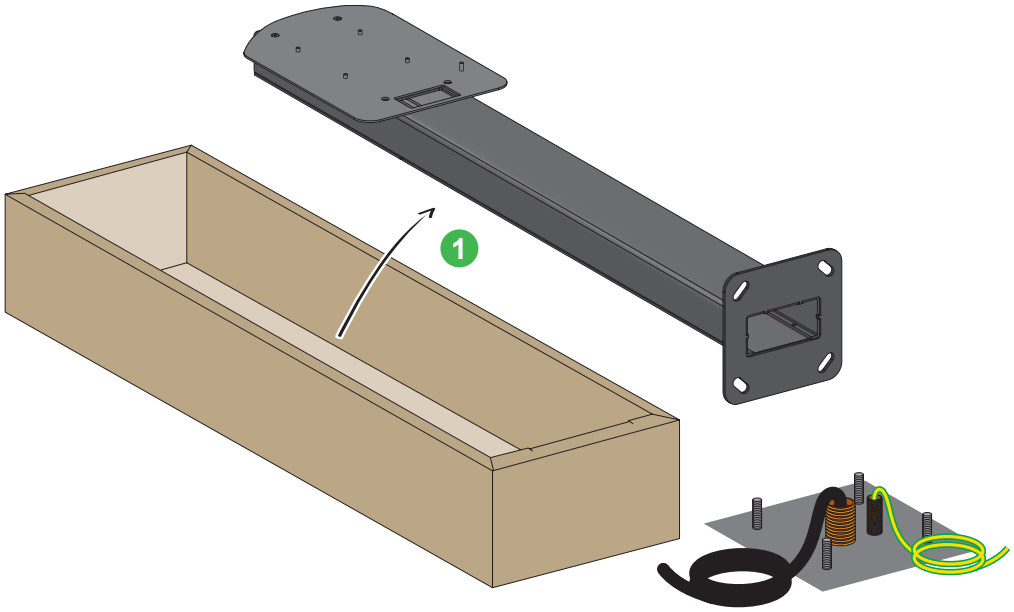
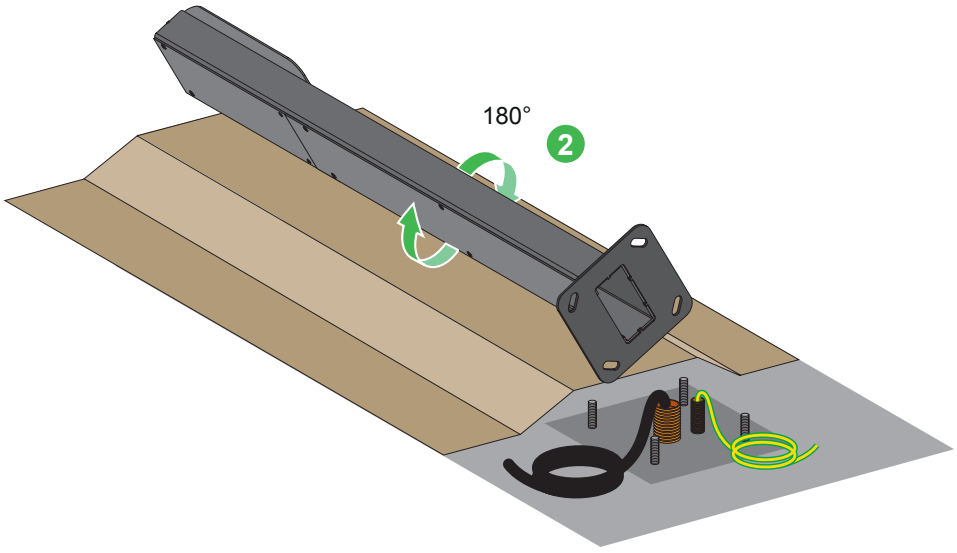
3 Preparing the pedestal

3.2 For a single charging station

Do not damage the pedestal, put it on the cardboard cover.





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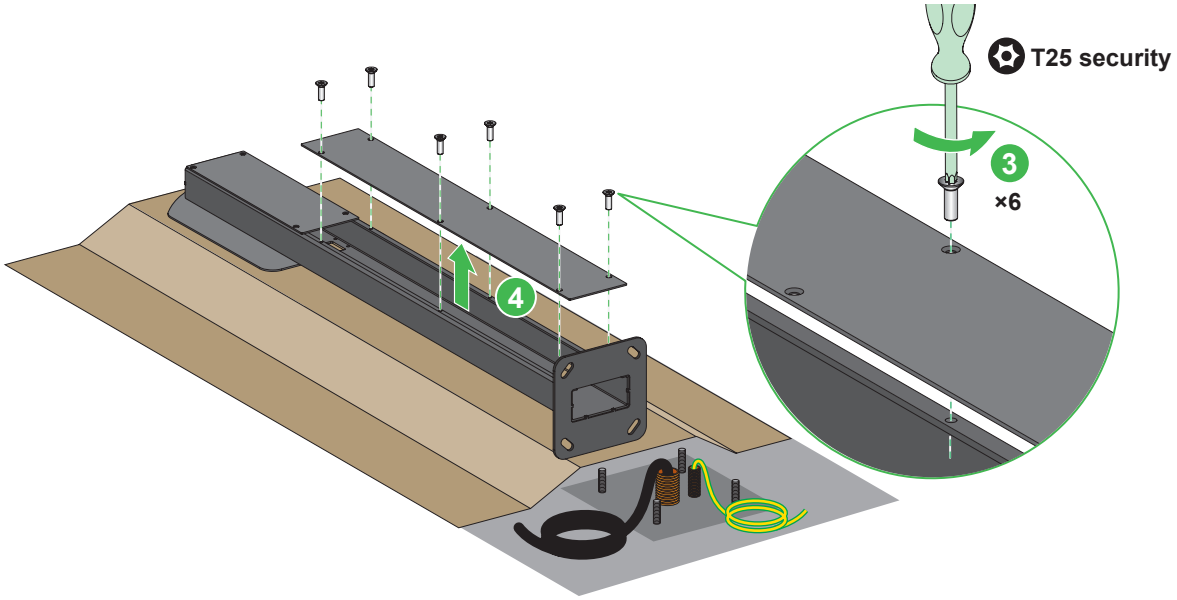
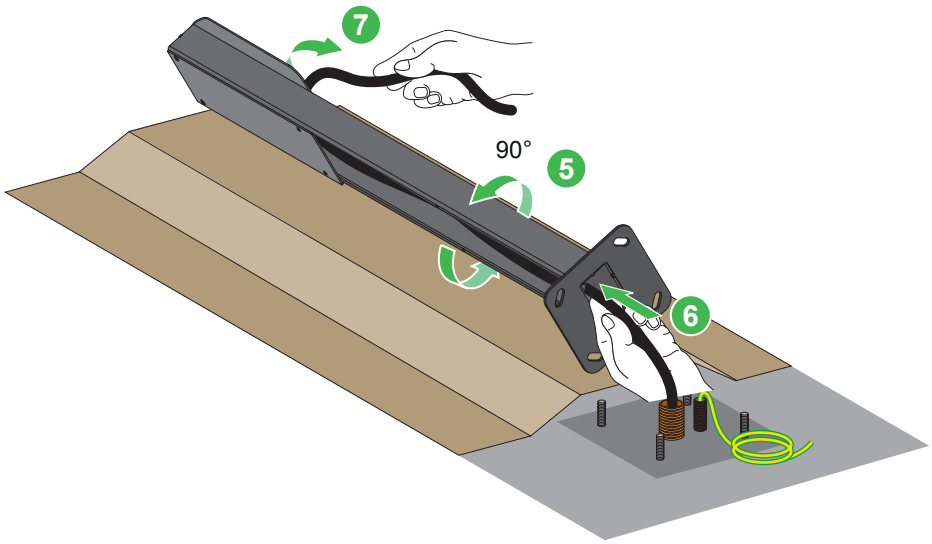
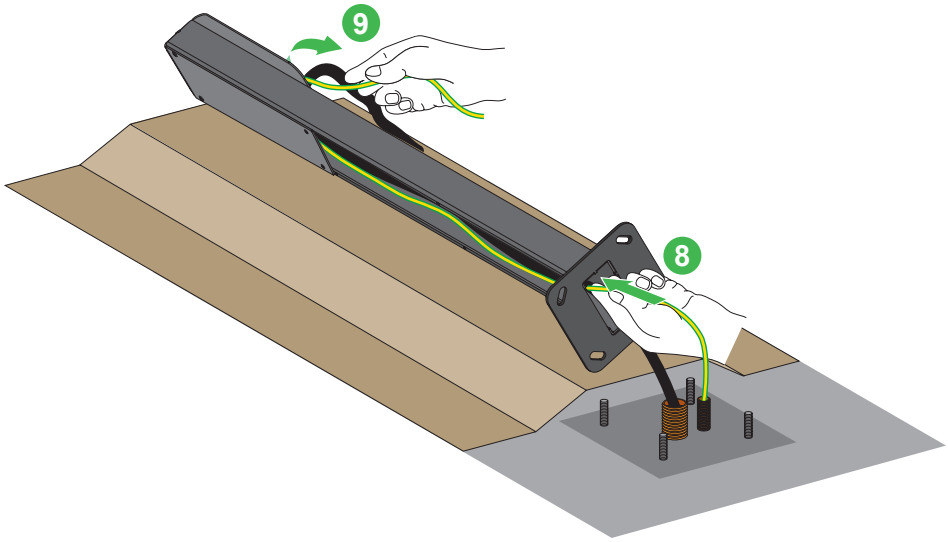
3 Preparing the pedestal

3.2 For a single charging station







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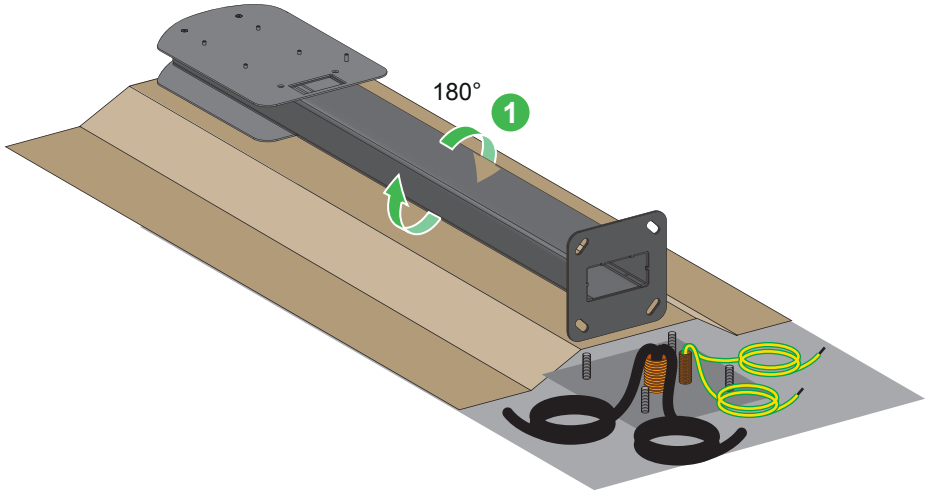
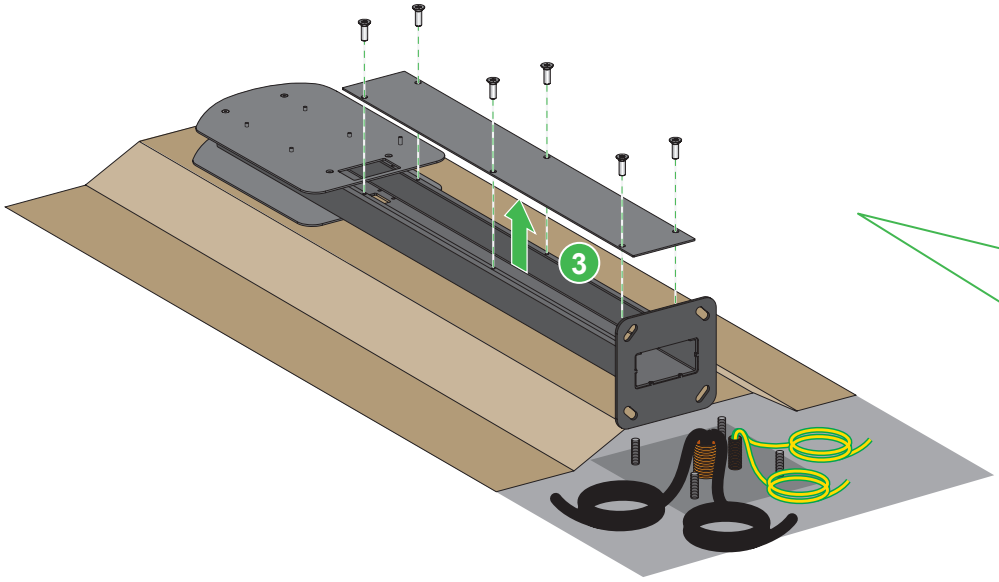
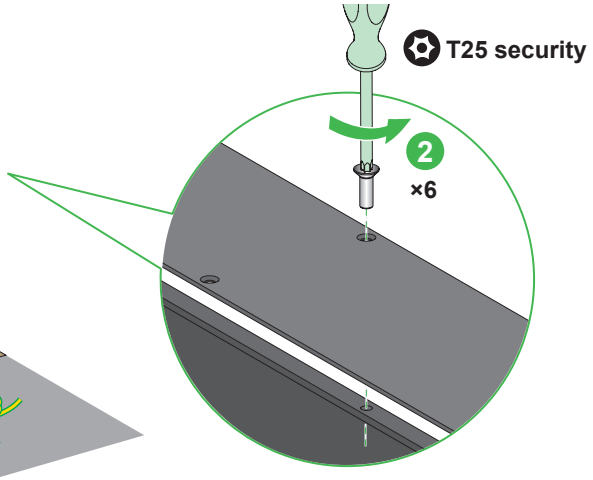
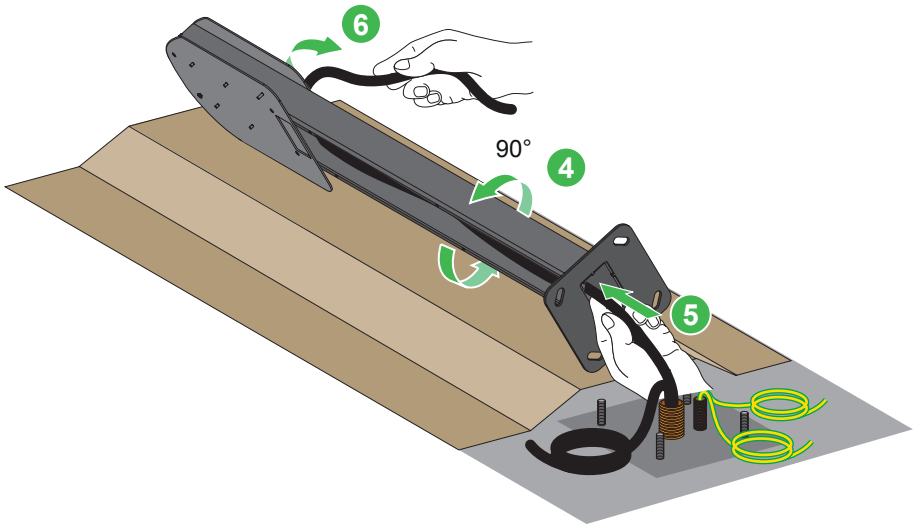
3 Preparing the pedestal

3.3 For two charging stations









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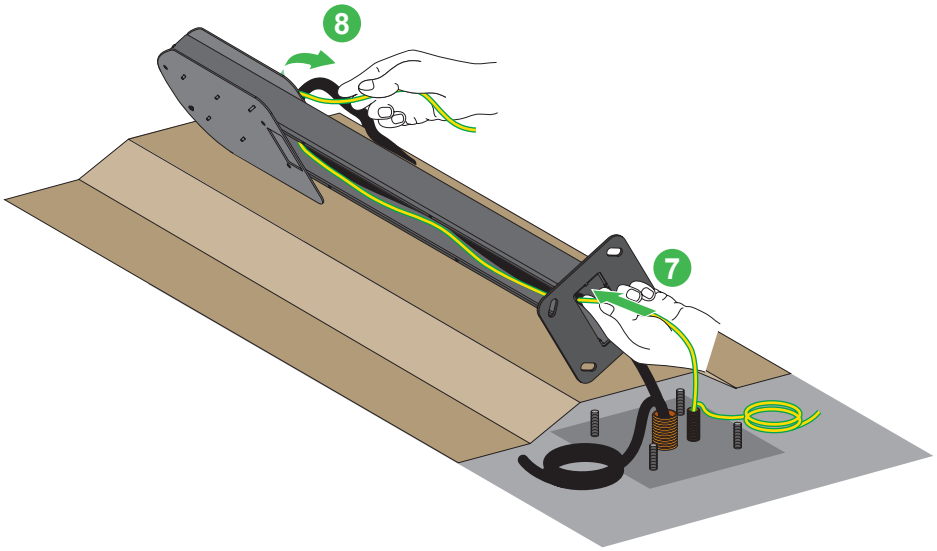
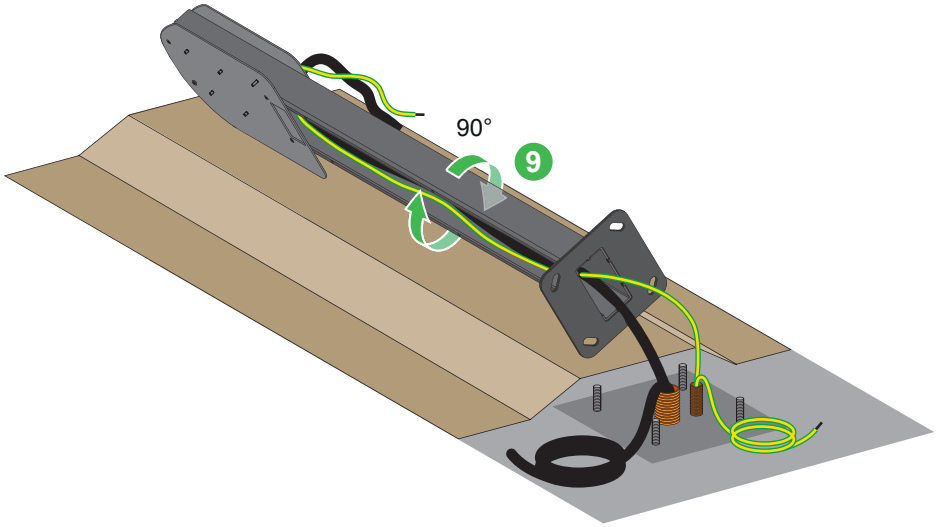
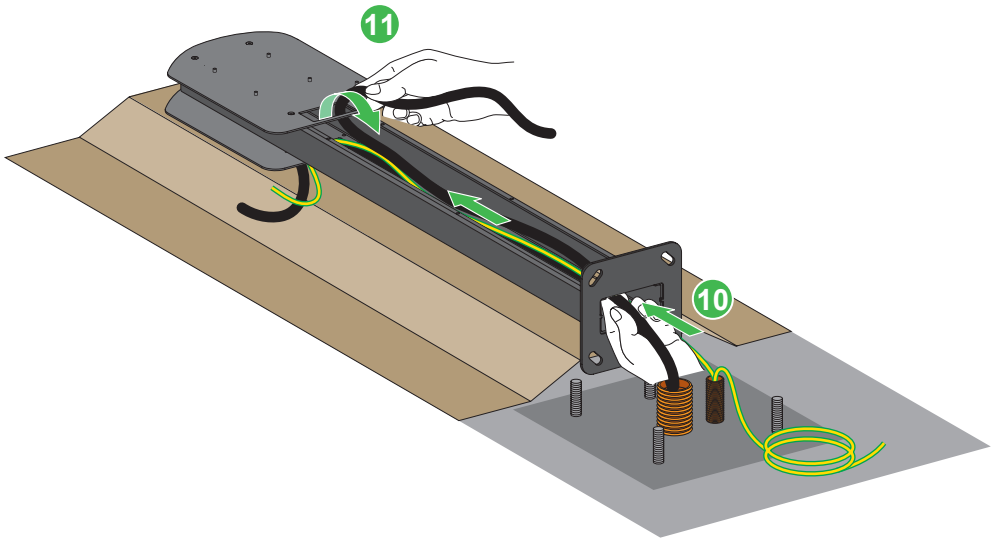
3 Preparing the pedestal

3.3 For two charging stations







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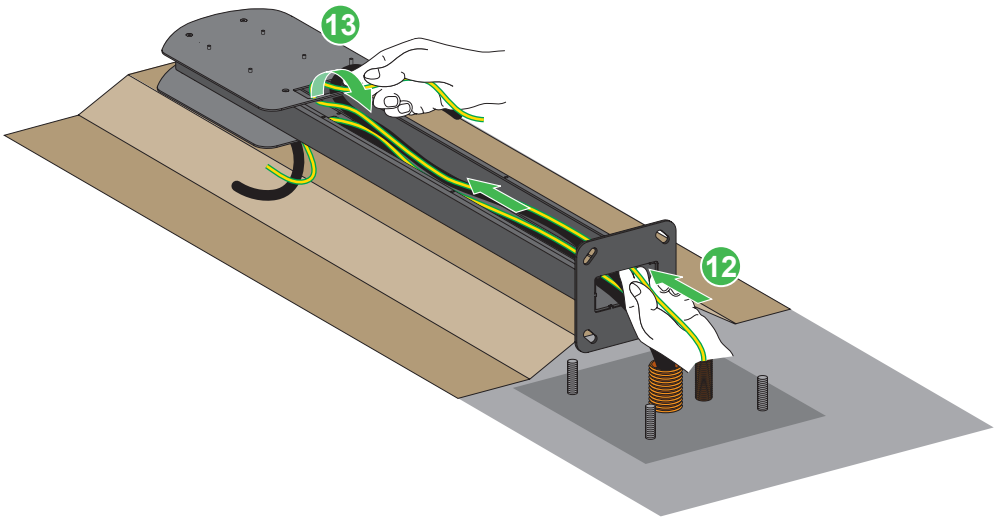
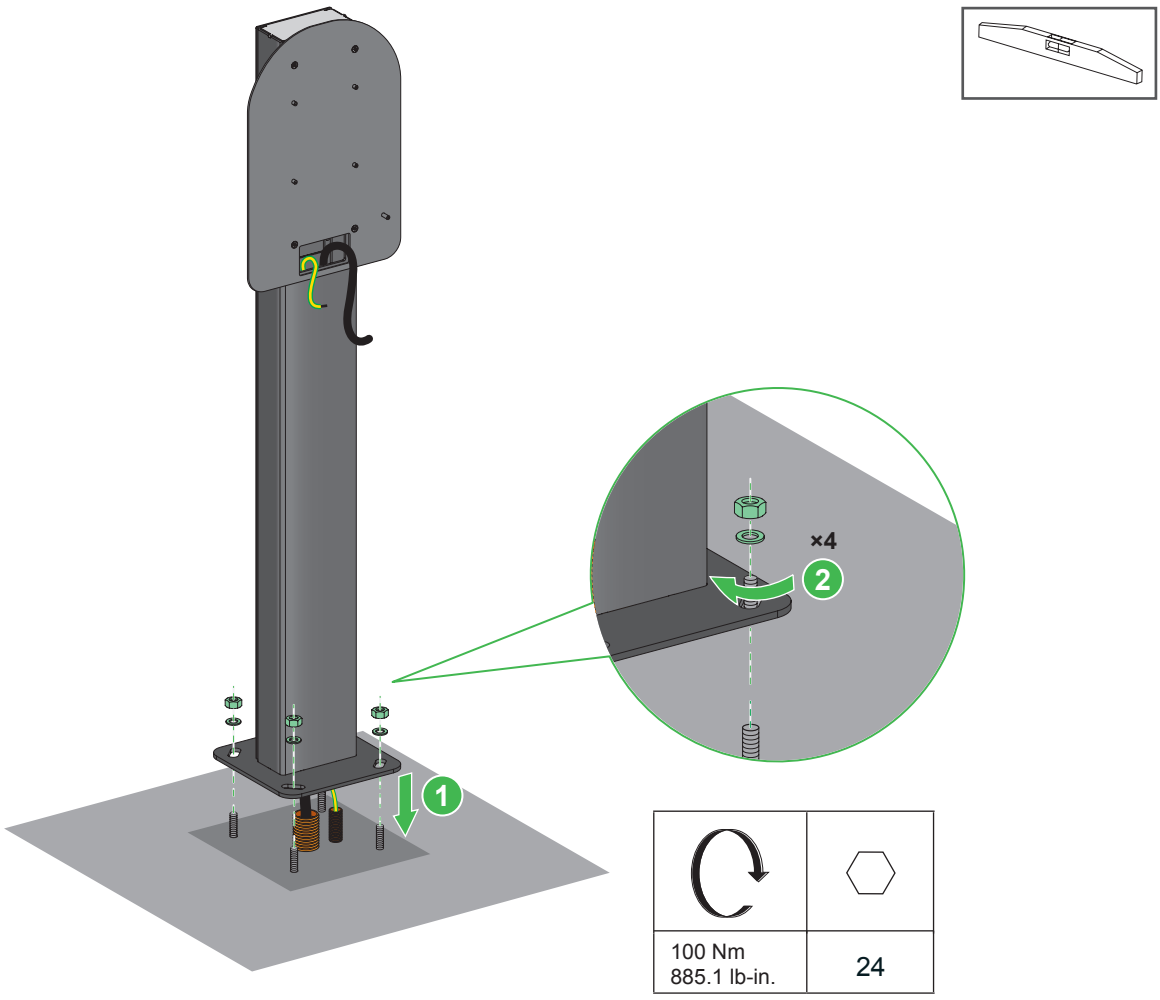
3 Preparing the pedestal

3.3 For two charging stations



To simplify the illustrations, only the power wiring is shown in the remainder of the document.

4 Attaching the pedestal



100 Nm 885.1 lb-in.	24

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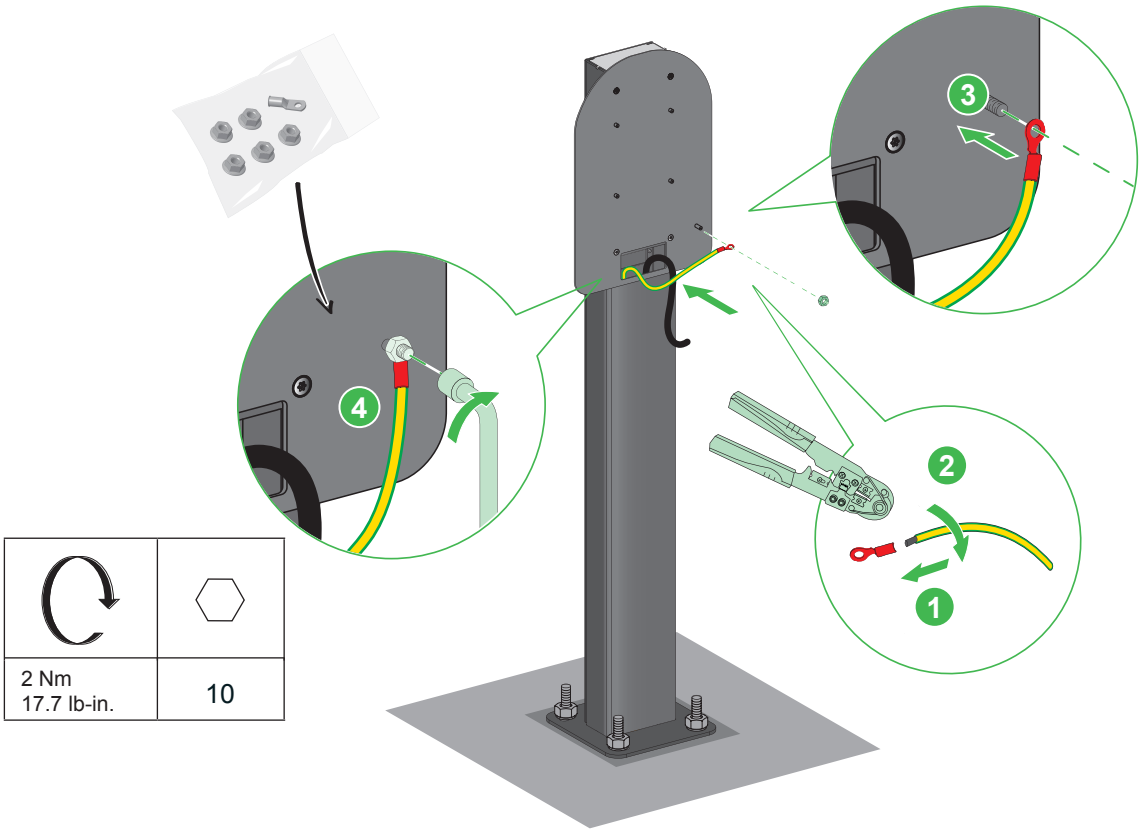
5 Grounding

⚠⚠ WARNING

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH
Be sure to observe the tightening torque.
Failure to follow these instructions could result in death or serious injury.



2 Nm 17.7 lb-in.	10

⚠⚠ WARNING

RISK OF INJURY OR DAMAGING THE CHARGING STATION
- Ground the pedestal by making a connection to a ground rod or the ground terminal of the charging station.
- An extra ground rod must be added every 10 m maximum in the case of clustered charging stations.
- The resistance of each extra ground rod must be less than the maximum value defined in the enforceable electrical installation standards.
- For the installation to comply with EV Ready and ZE Ready protocols, the ground resistance must not exceed 100 Ω.
- All the ground lines must be connected together to form a single equipotential link.

Failure to follow these instructions could result in death, serious injury, or equipment damage.

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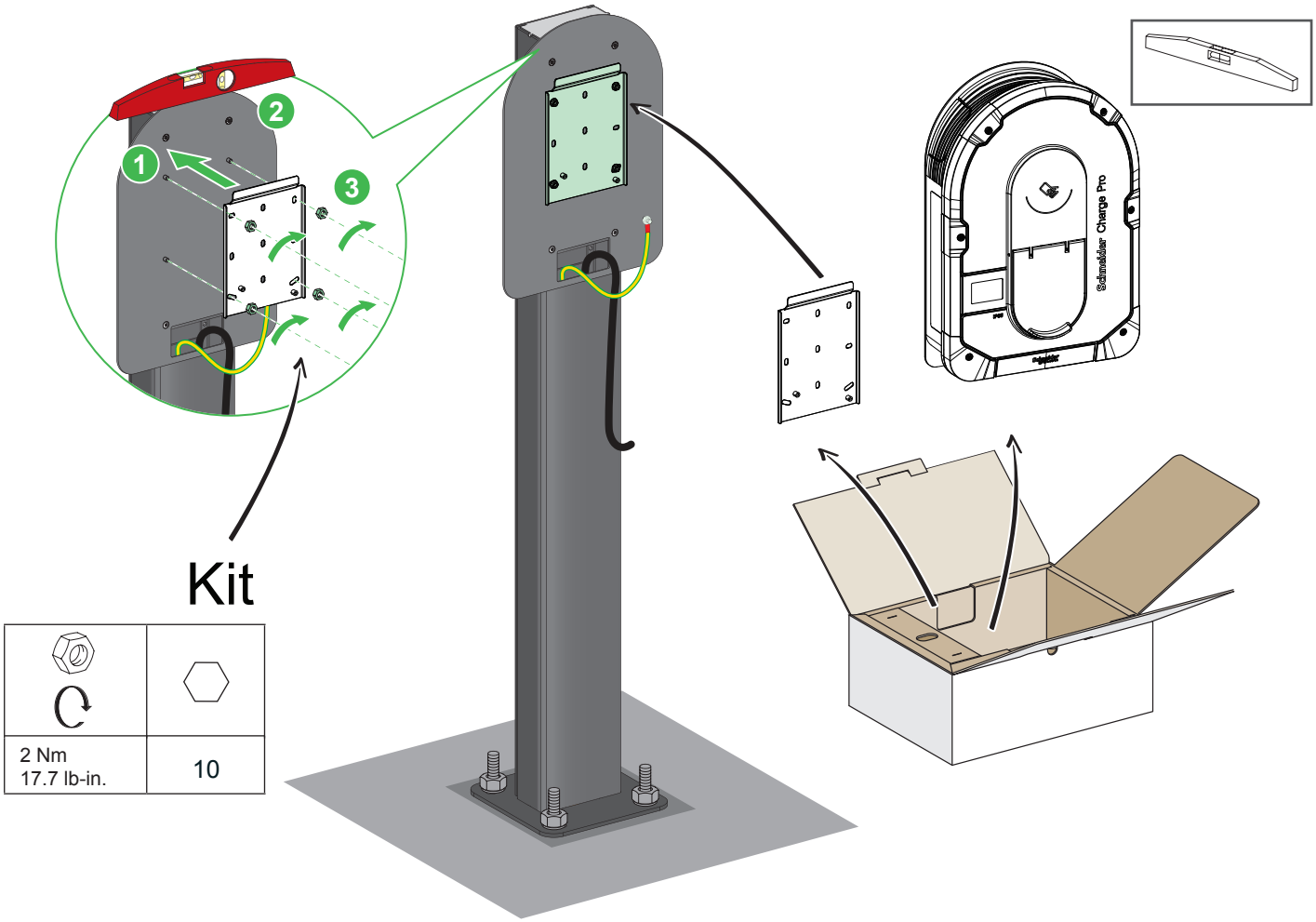
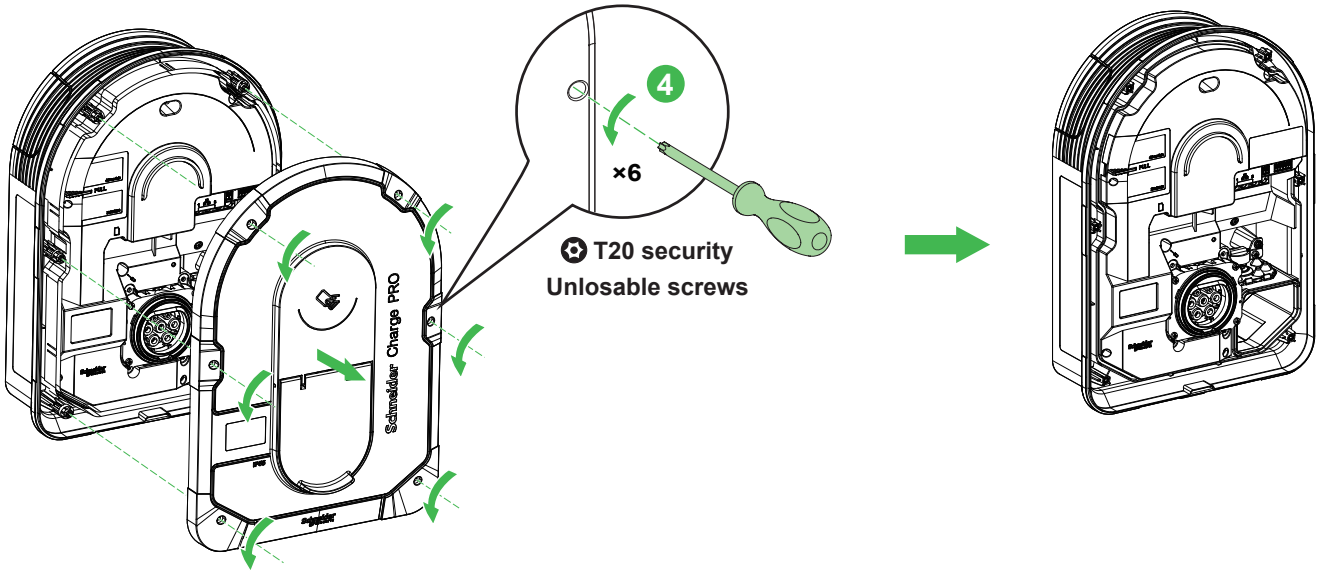
6 Assembling the charging station





All the connections inside the charging station are described in its installation guide.
Avoid the cables to be visible below the charging station.

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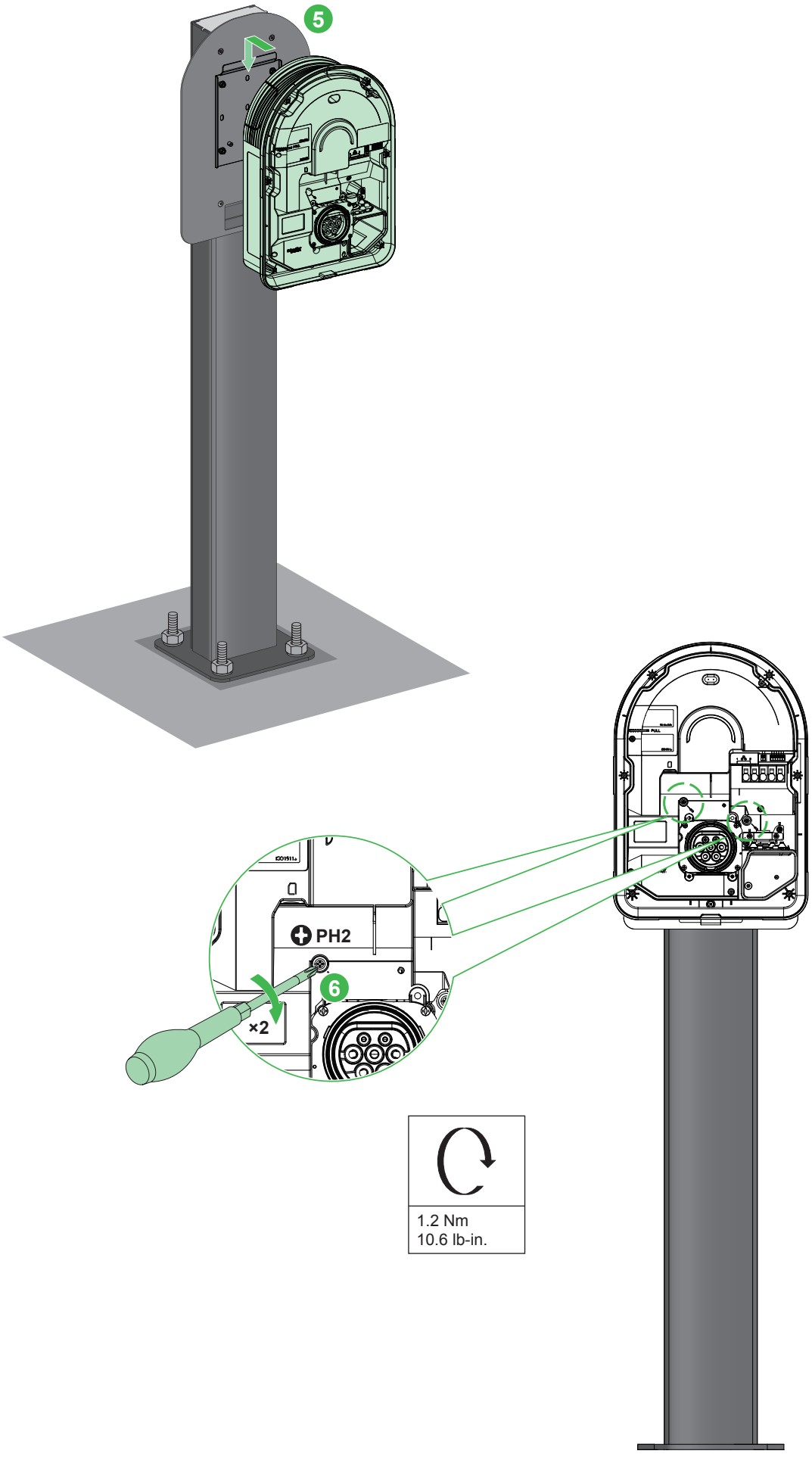
6 Assembling the charging station



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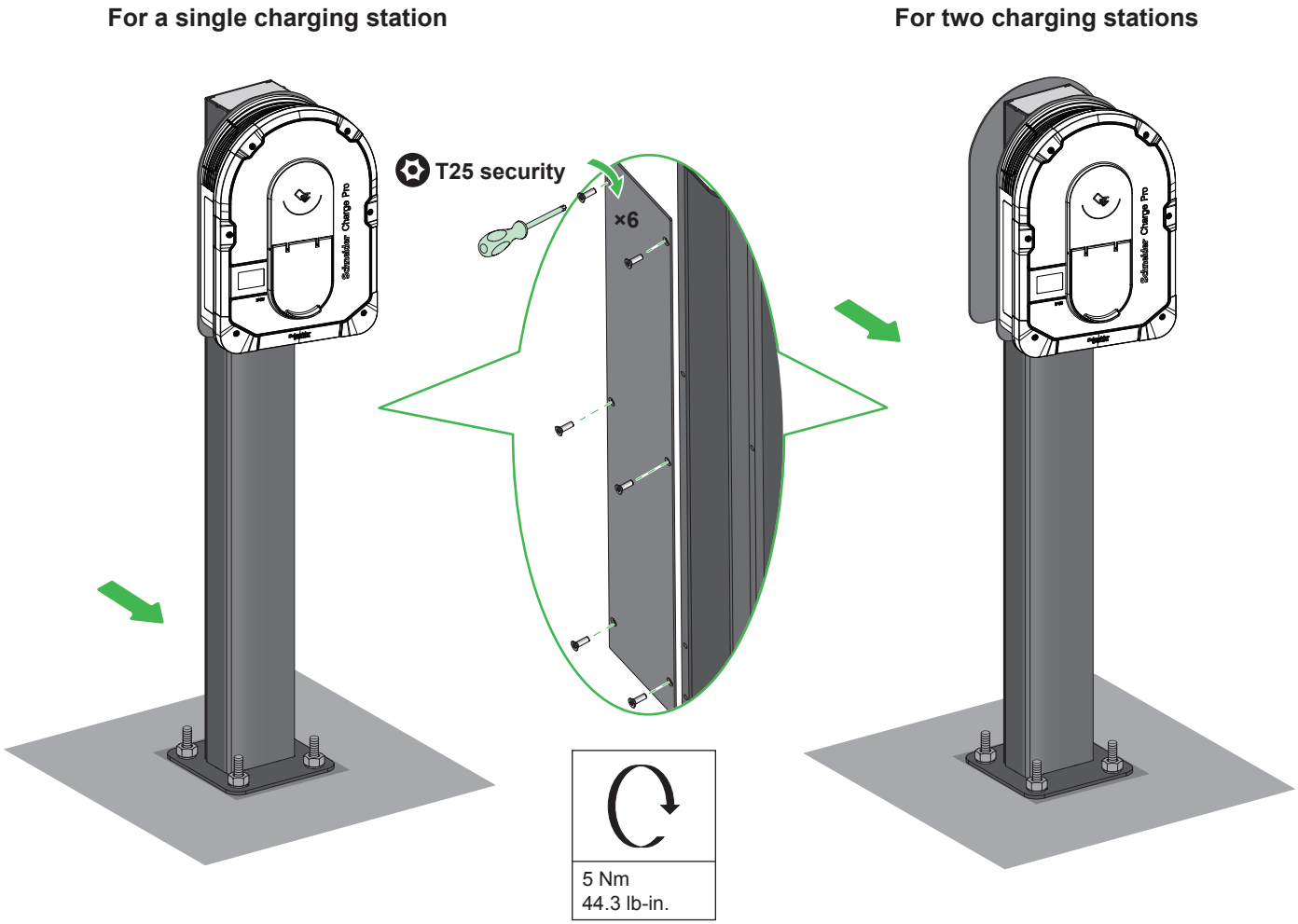
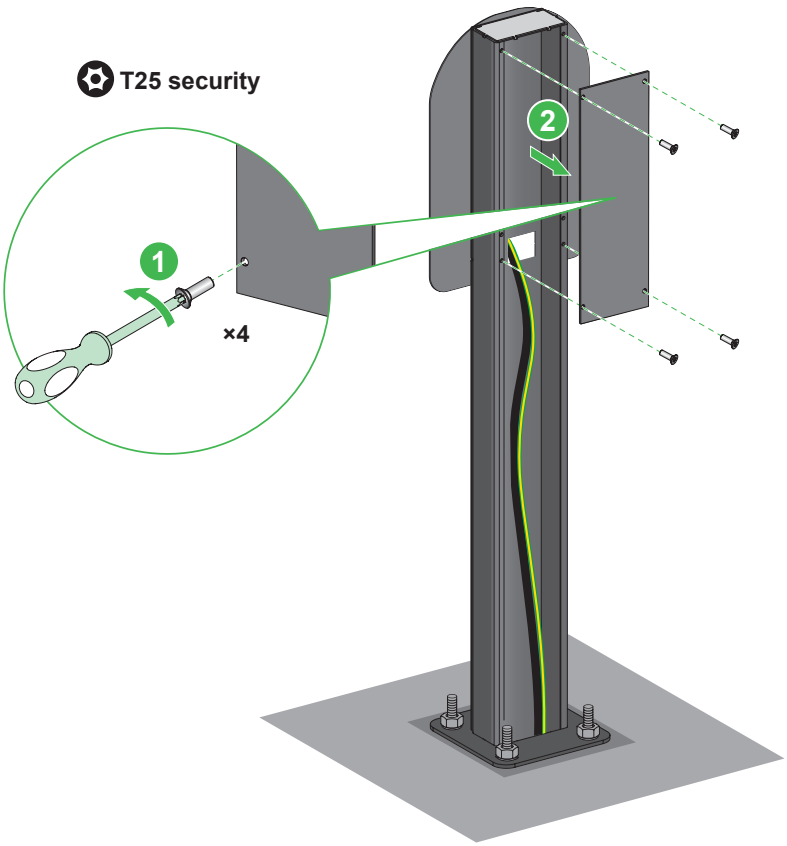
6 Assembling the charging station



7 Convert Single Charging Station Pedestal into Double charging station pedestal



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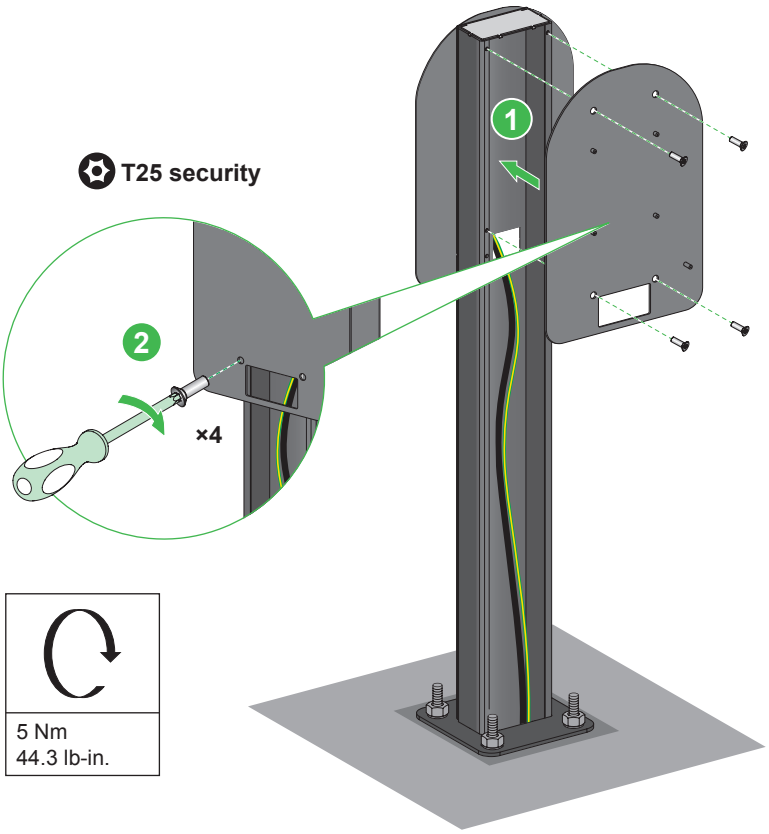
7 Convert Single Charging Station Pedestal into Double charging station pedestal



Note: Use the same screw as the one removed in the first step.

⚠⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

- Regularly check the integrity of the cable.
- Beware of potential hazards, and carefully inspect the work area for tools and objects that may have been left inside the device.
- Test and ensure earth continuity on all metallic parts of the pedestal before power on.

Failure to follow these instructions will result in death or serious injury.

8 Technical data

- Aluminium pedestal painted with colours: grey body RAL 7016
- Stainless steel screws
- Mechanical protection class: IK10 (IEC 62262)
- Weight of the 1 charging station pedestal: 9kg
- Weight of the 2 charging stations pedestal: 10kg

9 Recycling packaging

- The packaging materials from this accessory can be recycled.
- Please help protect the environment by recycling them in appropriate containers.
- Thank you for playing your part in protecting the environment.

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