

ChargePoint CP6000 Series

Networked Charging Station

Upgrade Guide: CT4000 to CP6000



IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS



WARNING: This manual contains important instructions for Home Flex. When using electric products, always follow basic precautions, including the following:

WARNING:

1. **Read and follow all warnings and instructions before servicing, installing, or operating the ChargePoint® charging station.** Install and operate only as instructed. Failure to do so may lead to death, injury, or property damage, and will void the Limited Warranty.
2. **ChargePoint recommends that installation, commissioning, and break-fix services be performed by a licensed electrician who is also a ChargePoint-certified technician.** These systems operate at high voltage, and without strict adherence to safety protocols, proper protective equipment, and ChargePoint technical guides, there is significant risk to people, equipment, and the environment. Please ensure full compliance with all applicable local and national buildings, electrical, and safety codes.
3. **Always ground the ChargePoint charging station.** Failure to ground the charging station can lead to risk of electric shock. The charging station must be connected to a grounded, metal, permanent wiring system, or an equipment grounding conductor should be run with circuit conductors and connected to the equipment grounding terminal or lead on the Electric Vehicle Supply Equipment (EVSE). Connections to the EVSE shall comply with all applicable codes and ordinances.
4. **Install the ChargePoint charging station on a concrete pad using a ChargePoint-approved method.** Failure to install on a surface that can support the full weight of the charging station can result in death, personal injury, or property damage. Inspect the charging station for proper installation before use.
5. **This charging station is not suitable for use in Class 1 hazardous locations, such as near flammable, explosive, or combustible vapors or gases (This charging station is not suitable for use in any ATEX classified area, such as near flammable, explosive, or combustible vapors or gases).**
6. **Supervise children near this device.**
7. **Do not put fingers into the electric vehicle connector.**
8. **Do not use this product if any cable is frayed, has broken insulation, or shows any other signs of damage.**
9. **Do not use this product if the enclosure or the electric vehicle connector is broken, cracked, open, or shows any other signs of damage.**
10. **Use only copper conductor wire rated for 90 °C (194 °F).**





11. Do not operate the charging station in temperatures outside its operating range of -40 °F to 122 °F (-40 °C to +50 °C).
12. Ensure the charging cable is positioned so it is not stepped on, tripped over, or subjected to damage or stress. Do not close a garage door on the charging cable.



IMPORTANT: Under no circumstances will compliance with the information in a ChargePoint guide such as this one relieve the user of the responsibility to comply with all applicable codes and safety standards. This document describes approved procedures. If it is not possible to perform the procedures as indicated, contact ChargePoint. ChargePoint is not responsible for any damages that may result from custom installations or procedures not described in this document or that fail to adhere to ChargePoint recommendations.

Warranty Implication



IMPORTANT: Please be advised that all installation, commissioning, and break-fix services must be performed by a ChargePoint-certified technician. Engaging non-certified personnel for these services will result in warranty implications, as doing so constitutes a breach of policy.

Support Services

<https://www.chargepoint.com/legal/support-services>

For more information about ChargePoint's training and certification program, visit

<https://www.chargepoint.com/partners/training-certification>

Product Disposal

Applicable to NA - Do not dispose of as part of unsorted domestic waste. Inquire with local authorities regarding proper disposal. Product materials are recyclable as marked.



Applicable to EU - To comply with Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE), devices marked with this symbol may not be disposed of as part of unsorted domestic waste inside the European Union. Enquire with local authorities regarding proper disposal. Product materials are recyclable as marked.



Document Accuracy

The specifications and other information in this document were verified to be accurate and complete at the time of its publication. However, due to ongoing product improvement, this information is subject to change at any time without prior notice. For the latest information, see our documentation online at [ChargePoint Product Reference Documentation](#).

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Symbols

This guide and product use the following symbols:



DANGER: Risk of electric shock



WARNING: Risk of personal harm or death



CAUTION: Risk of equipment or property damage



IMPORTANT: Critical detail that must be followed to achieve intended results



NOTE: Important contextual details or procedural clarifications



REINSTALL NOTE: Essential instructions to follow when reinstalling a part or component



Read the manual for instructions



Ground/protective earth

Illustrations Used in This Document

The illustrations used in this document are for demonstration purposes only and may not be an exact representation of the product. However, unless otherwise specified, the underlying instructions are accurate for the product.

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Revision History

This page provides a summary of revisions made, listing the month and year of each update along with a brief description of the changes made.

Month & Year	Description
July, 2026	Initial issue

Introduction 1

This guide outlines the procedures for replacing an existing CP4000 charging station with a CP6000 charging station. Use this document when an installed CP4000 is being replaced by a CP6000 and the new station must be installed, configured, and tied to the replacement workflow correctly so that station settings and service continuity can be preserved.

The replacement process includes removing the existing CP4000 unit, installing the CP6000 in accordance with the official installation guide, completing station setup and software updates, executing the replacement workflow through the Installer App, and replacing the Omni Port when applicable.

The ChargePoint CP6000 is an all-purpose charging station for property owners, businesses, and municipalities. The CP6000 charging station can be mounted on a pedestal or a wall.

CP6000 charging stations are alternating current (AC) supply equipment. Once they are installed and activated, they are connected to the AC network.

The scope of this guide includes:

- [Remove CT4000](#)
- [Install CP6000](#)
 - Ensure to replace the CP6000 power plate screws using the **Kit Power Plate Hardware Repair** (35-001358-02).
- [Complete Station Setup](#) for Installer app setup, station replacement flows, and system software updates.
- [Replacement of Omni Port Holster](#).



NOTE: CP6000 charging stations do not have ventilation capabilities.

CAUTION: Warranty Limitation



- If the charging station is not installed, commissioned, or serviced by a ChargePoint certified technician using a ChargePoint-approved method, it is *excluded* from all ChargePoint and other warranties and ChargePoint is not responsible.
- You must be a licensed electrician and complete training at <https://www.chargepoint.com/partners/training-certification> to become ChargePoint certified and to access ChargePoint's web-based installer tools or ChargePoint Installer app.



NOTE: CP6000 charging stations are available in several configurations. The images in this guide might not match your station exactly; however, the installation steps are the same unless otherwise noted.

Accessing Complete Documentation

Access documents at [ChargePoint Product Reference Documentation](#).

Document	Content	Primary Audiences
Datasheet	Full station specifications	Site designer, installer, and station owner
Site Design Guide	Civil, mechanical, and electrical guidelines to scope and construct the site	Site designer or engineer of record
Construction Signoff Form	Checklists used by contractors to ensure the site is correctly completed and ready for product installation	Site construction contractor
Installation Guide	Anchoring, wiring, and powering on	Installer
Network Readiness Guide	Network qualification, configuration, and troubleshooting for Ethernet and Wi-Fi connectivity	IT Administrator, Installer, Site Designer
Operation and Maintenance Guide	Operation and preventive maintenance information	Station owner, facility manager, and technician
Service Guide	Component replacement procedures, including optional components	Service technician
Declaration of Conformity	Statement of conformity with directives	Purchasers and public

Power Management

Using ChargePoint Power Management technology, sites can install more stations than would otherwise be supported by the available electrical service. A maximum aggregate load is defined for a group of charging stations. ChargePoint cloud-based services manage the individual power output of each station (or port) to ensure the maximum load is never exceeded.

A CT4000 charging station provides up to 30 A of output current to each charging port. Power-select related settings from the CT4000 should be carried over appropriately to the CP6000.

A CP6000 charging station provides up to 80 A of output current to each charging port.

Prerequisites

Before starting the CT4000 to CP6000 replacement procedure, ensure the following requirements are met:

- A ChargePoint-certified installer account with access to the ChargePoint Installer app.



NOTE: Always use the Installer app replacement flow instead of treating the station like an unrelated new install when the business process requires replacement continuity.

- A licensed electrician available on-site to perform electrical work.
- A CP6000 station, including all required mounting hardware and any applicable retrofit or adapter hardware for wall-mounted or pedestal installations.
- Confirm breaker size, number of input cables, phase configuration, jumpers, and circuit sharing before finalizing the wizard.
- A smartphone or mobile device with:
 - Camera functionality
 - Internet connectivity
 - QR code scanning capability
 - ChargePoint Installer app installed
- Access to the following station information:
 - Existing CT4000 MAC address or serial number.
 - New CP6000 MAC address and activation password.
 - CP6000 serial number behind the flip door before completing configuration.
- Contact ChargePoint Support at chargepoint.com/support for software update before assuming hardware failure.
- Ability to contact ChargePoint Support for software updates, activation assistance, and troubleshooting, if required.



IMPORTANT: For retrofit installations, wall-mounted replacements may require extending the existing supply conductors because the CP6000 mounting position is higher than that of the CT4000. Verify conductor length and installation feasibility before removing the existing station.

Site Requirements

Ensure that the appropriate wiring, circuit protection, and metering are in place at the installation location by reviewing the *Site Design Guide*, the *Datasheet*, and the wiring diagrams and grounding requirements in the chapter titled [Connect Wiring](#).



IMPORTANT: Ensure that the installation complies with all applicable codes and ordinances.

Installer Checklist

The certified installer must complete the following checkpoints before closing the replacement:

☒	Check each box below to confirm that the task has been completed.
☐	Confirm site, station serial/MAC, and replacement scope
☐	De-energize circuit and verify safe working condition
☐	Capture before photos: station, labels, wiring, and site condition
☐	Remove CT4000 and prepare mounting location
☐	Install CP6000 per installation guide
☐	Complete wiring, grounding, jumper, and breaker checks
☐	Replace power plate screws with the new part (long screws with nut)
☐	Power up station and complete Installer app setup/replacement flow
☐	Pinpoint station and run a test charge
☐	Upload final photos and close installer notes

Technical Support Engineer Checklist

The Technical Support Engineer must verify the following checkpoints after the installer confirms work is complete:

☒	Check each box below to confirm that the task has been completed.
☐	Verify old CT4000 and new CP6000 details in the case
☐	Confirm replacement flow was used, not a new standalone install
☐	Check station configuration: breaker, phase, circuit sharing, and output limits
☐	Confirm station is online, pinpointed, and installation is complete
☐	Verify software version/update status
☐	Confirm successful test charge and normal LED/display behavior
☐	Review final photos and installer notes
☐	Escalate if activation, configuration, or hardware issues remain

Remove CT4000 2



IMPORTANT: Access online training and videos at ChargePoint University:
<https://www.chargepoint.com/partners/training-certification>.



IMPORTANT: When you service a charging station, ChargePoint recommends taking a photo before removing each part, so you can refer to the photo when reassembling.

Required Tools and Materials

To remove CT4000 charging stations, you need the following tools:



Smartphone with: Camera and Internet connectivity



Wire stripper



ChargePoint installer login credentials



#2 and #3 Philips screwdriver



Needle nose pliers



4 mm ball-end hex wrench
L wrench included, combined with T25 Torx



Ratchet (with 10 mm (3/8 in) and 15 mm (9/16 in) deep socket)

Remove Head Assembly and Top Cap

Gateway Stations Only

When removing an existing gateway head assembly, leave the SIM card in the existing head assembly when returning it to ChargePoint.

Record information from the existing CT4000 station

- Confirm the station being replaced by site name, serial number, MAC address, and physical location.
- Record the existing CT4000 configuration before removal, especially amperage or power-select related settings that must carry over to the CP6000.
- Take clear photos of the CT4000, labels, wiring condition, mounting condition, and surrounding site conditions.
- Confirm whether the replacement is wall mount or pedestal mount and whether retrofit hardware or cable extension will be needed.

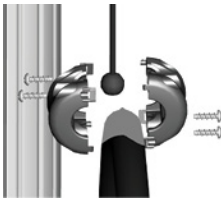


NOTE: Before deactivating or removing the CT4000, document the old station settings in the case or work record. This helps preserve power-related settings and reduces activation errors on the replacement station.

Remove the Head Assembly and Top Cap

To remove the existing head assembly, follow the steps below:

1. Disconnect the existing charge cables.
 - If the charge cables are attached to the ropes using bracket type clamps (shown below), remove these clamps by loosening the four screws using a Phillips screwdriver.



- If the charge cables are attached using spherical clamps, disconnect these clamps by inserting the supplied service tool into the top of the clamp and rotating 1/4 turn counter-clockwise.



2. With the station powered on, scan your ChargePoint card, then remove the charging plug(s) from the holster(s).



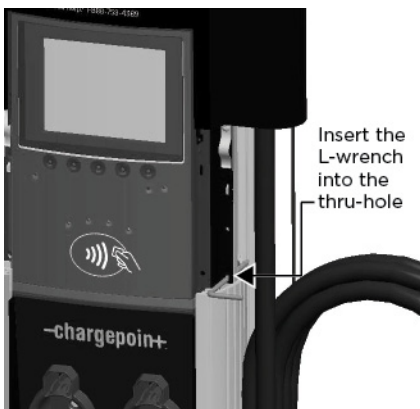
IMPORTANT: You must scan an activated ChargePoint card to unlock the holster(s) and remove the charging plug(s).

3. Disconnect the station's power at the electrical panel.

-
4. Use pliers to remove the rubber plug(s), located inside the holster(s).



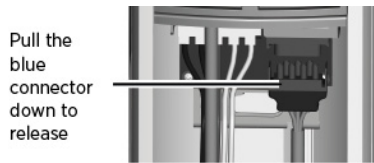
5. Use this L-wrench to loosen the security set screw(s) located inside the holster(s).
6. Raise the head assembly high enough to access the terminal block. To hold the head assembly in the raised position, insert the L-wrench into the thru-hole on the side of the head assembly. This hole is located on the right side of the head assembly and is marked with the screwdriver symbol.



7. Push the black tab on the terminal block to release the terminal block cover, then slide the cover up until it locks into the raised position.



8. Disconnect the blue connector by pressing the side tabs while rocking the connector side to side and pulling downward.

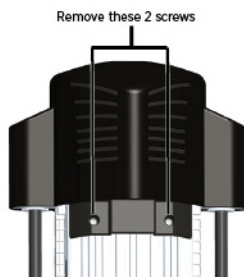


9. Remove the L-wrench you inserted in step 6 and lift the existing head assembly upwards to remove.
10. Lift the white levers on the terminal block.
11. Remove the wires from the terminal block and move them out of the way.

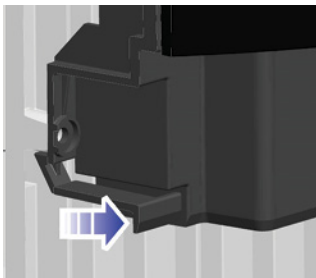


12. Place the removed head assembly on the shipping box to prevent damage when completing the next step.

13. If the top cap is attached to the head assembly using screws, use a Phillips screwdriver, to remove the two screws from the back of the top cap.

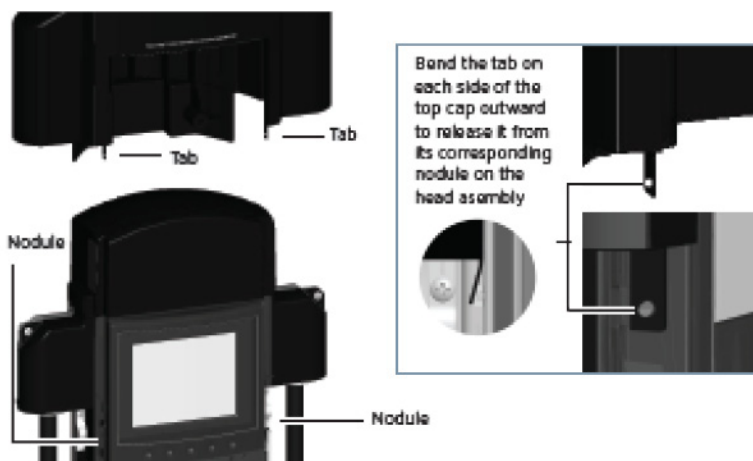


OR



If the top cap is equipped with levered snaps, pull the tabs located at the back of the top cap.

14. While using your fingers to release the top cap's two retention tabs from their corresponding nodules (as shown below), pull the top cap upwards to remove.



13. **GATEWAY STATIONS ONLY** :Ensure the SIM card remains inside the head assembly when returning the head assembly to ChargePoint.



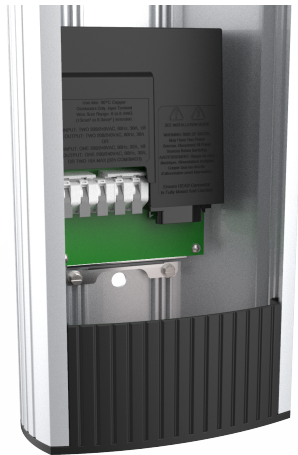
IMPORTANT: Do not discard the SIM card - it must be included when returning the head assembly to ChargePoint.

Remove Wall Mount CT4000

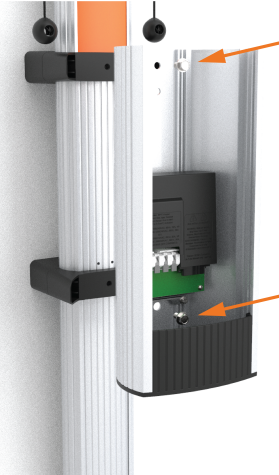
Remove the Housing

To remove the housing, follow the steps below:

1. Push the tab on the terminal block cover to slide the cover up and expose the flange bolts below the terminal block. Slide the cover upwards until it stays in position.



2. Use a ratchet with 10 mm (3/8 in) socket, to remove the flange bolts from the front brackets.



3. Remove the housing from the CMK bracket.
4. Place the housing in the housing box to avoid any damage when completing the next step.

Remove the CMK

To remove the CMK, follow the steps below:

1. Remove the slot cover from the bottom of the CMK.



2. Use Phillips screwdriver to remove all the four screws from the two front brackets.

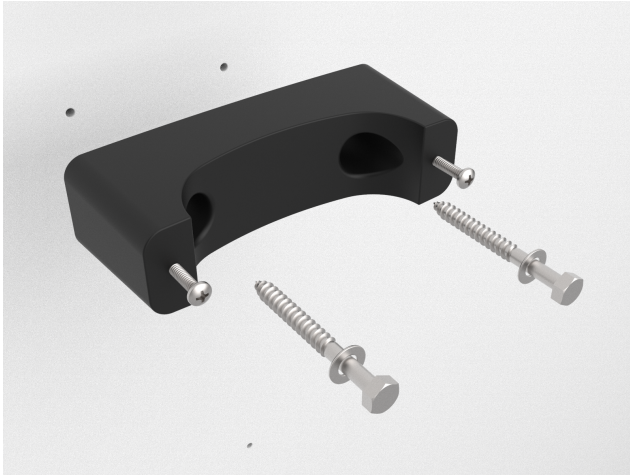


3. Remove the CMK and place the CMK on the shipping box to prevent damage when completing the next step.

Remove Rear Brackets from the Wall

To remove rear brackets from the wall, follow the steps below:

1. Use a ratchet with socket to remove the four bolts from the wall.



2. Place the mounting brackets in the housing box to avoid any damage when completing the next step.

Remove a Pedestal Mount CT4000

Remove the CMK

To remove the CMK, follow the steps below:

1. Use #3 Phillips screwdriver and remove the four screws from the housing.



2. Remove the black cap from the space at the top of the housing, between the housing and the CMK.



3. Push the CMK up to release the knob at the bottom of the housing.



4. Remove and place the CMK in shipping box to avoid any damages.

Remove the Housing and the Pedestal

To remove the housing and pedestal, follow the steps below:

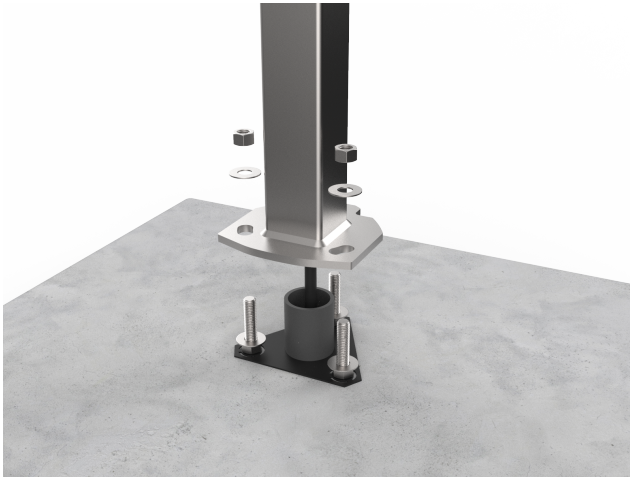
1. Using a ratchet with 10 mm (3/8 in) socket wrench, remove the two screws holding the pedestal inside the housing.



2. Remove the housing from the pedestal.



3. Use a ratchet with 10 mm (3/8 in) socket to remove the nuts on top of pedestal.



4. Place the housing and the pedestal in the housing box to avoid any damages.

Install CP6000 3

To assemble the station, complete the following steps.

Required Tools and Materials

To install CP6000 charging stations, you need the following tools:

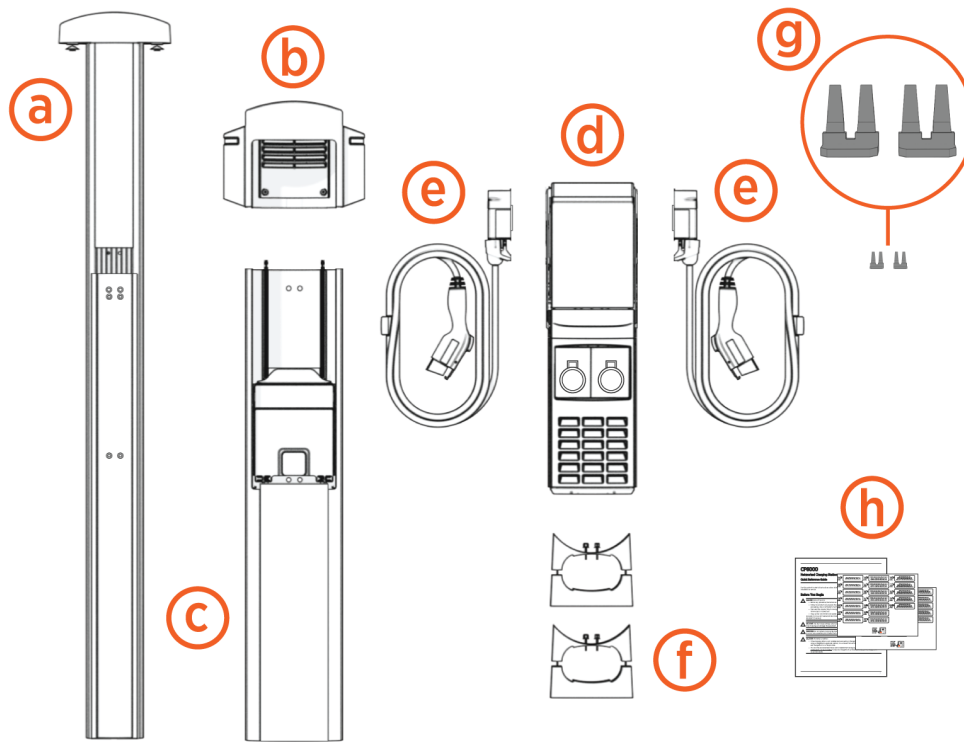
	T20 and T25 torx-end wrenches <i>L wrench included, combined with 4 mm hex</i>		Wire stripper
	Mini-ratchet wrench		Torx screwdriver
			• T8
			• T25
	Adjustable torque wrench nut size 4 mm and 24 mm		8 mm hex wrench
	4 mm ball-end hex wrench <i>L wrench included, combined with T25 Torx</i>		#3 Philips screwdriver
	Multimeter (solenoid type voltmeter preferred)		Protective cut-proof gloves
	Diagonal wire cutter		Level
	Drill and tap for appropriate wall attachment hardware (wall mount stations only)		10 mm wrench
	CMK ball tool (included)		

Wall mounting hardware requirements vary based on surfaces:

- Masonry anchors rated for at least 318 kg (700 lb) of pull-out force.
- Attachment hardware appropriate for mounting surface. For example, use 10 x 75 mm (3/8 x 3 in) lag bolts if mounting on a wooden wall.

Inspect the Boxes for Contents

The CP6000 ships in multiple boxes. Check to make sure you have all of the following parts before beginning work.



- (a) Cable Management Kit (CMK)
- (b) Top cap
- (c) Pedestal or wall mount enclosure
- (d) Head unit assembly
- (e) Charging cables
- (f) Mounting adapter (only wall mount stations)
- (g) Circuit share jumper kit
- (h) Quick Reference Guide, rating labels

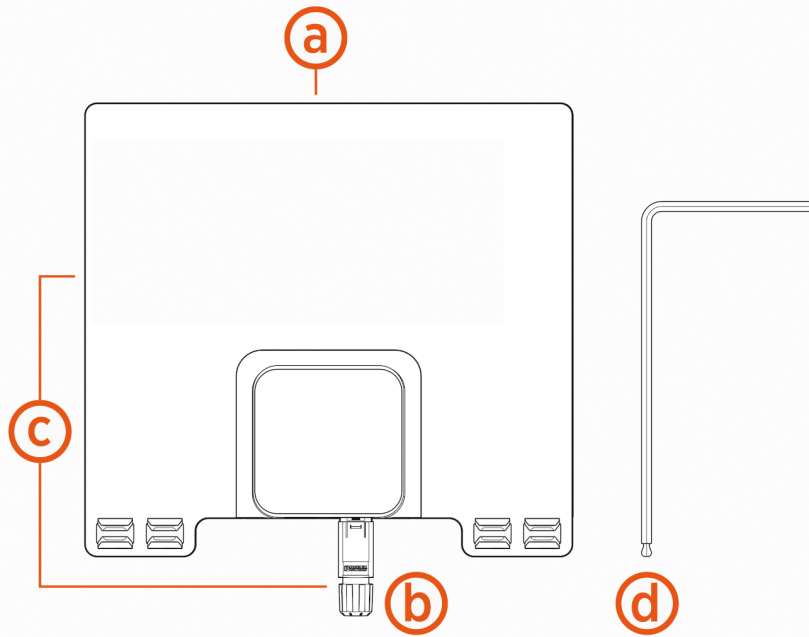


NOTE: Some CP6000 configurations are shipped with charging cables preinstalled on the Head unit assembly.



IMPORTANT: All CP6000 charging stations include L1 - L1 circuit share power management jumpers. If one single-phase supply circuit is feeding a dual port station, you **MUST** install an L1 - L1 jumper for both ports to operate correctly. The L1 - L1 jumper does not rotate phases, allowing both ports to draw current from L1.

The CP6000 ships with an Ethernet kit (purchased separately). If you purchased an Ethernet kit, make sure the kit has the following parts:

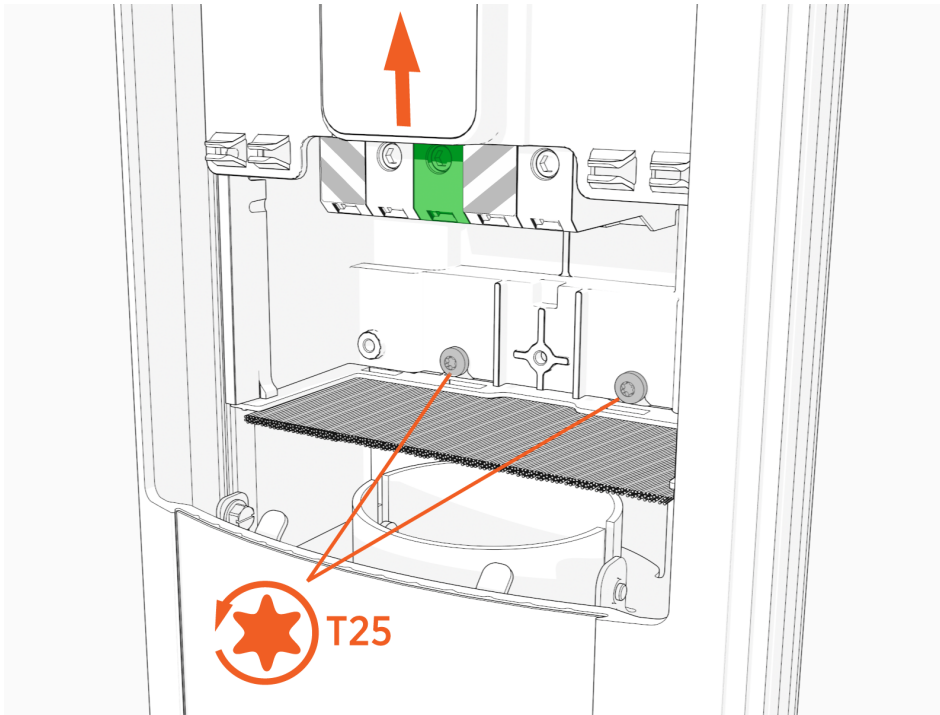


- (a)** Ethernet Module
- (b)** Accessory (the Ethernet connector)
- (c)** Ethernet Adapter Assembly
- (d)** L-wrench

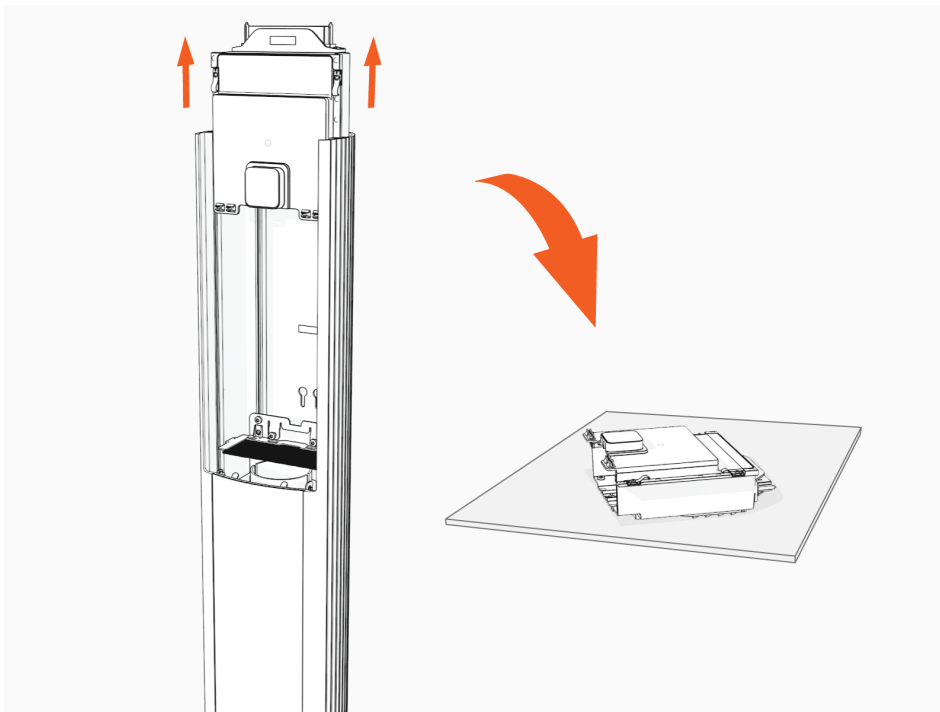
Install a Pedestal Mount

Perform the following steps to prepare the pedestal for mounting:

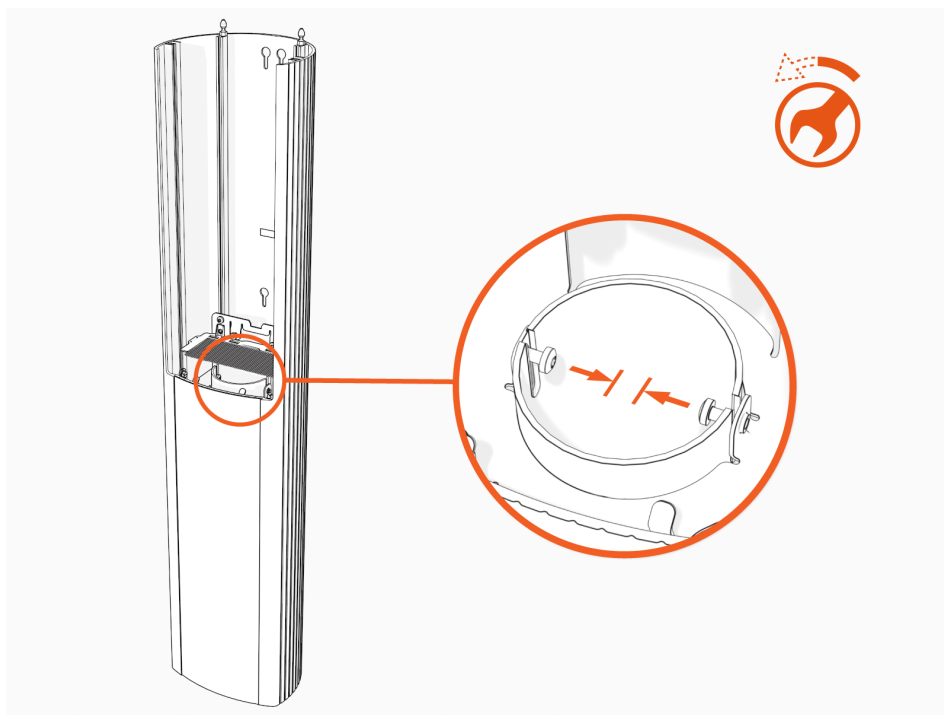
1. Lift the power plate cover. Loosen, but do not remove two screws.



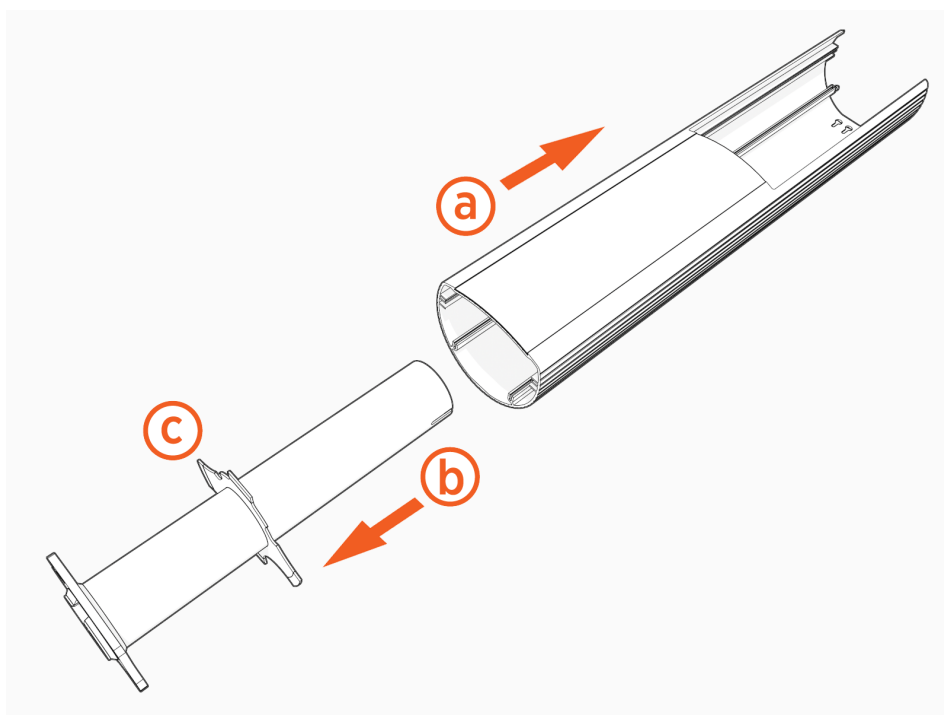
2. Remove the power plate and set it gently on a padded surface.



3. Use the L-wrench or mini-ratchet wrench to loosen, but not remove, two screws.



4. Remove the housing (a) from the pedestal (b). Keep the rubber spacer (c) in place.



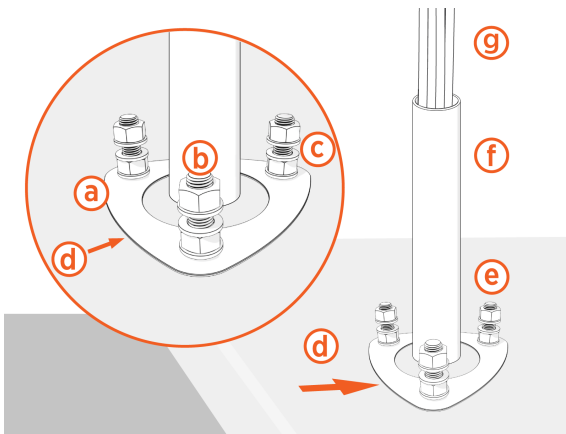
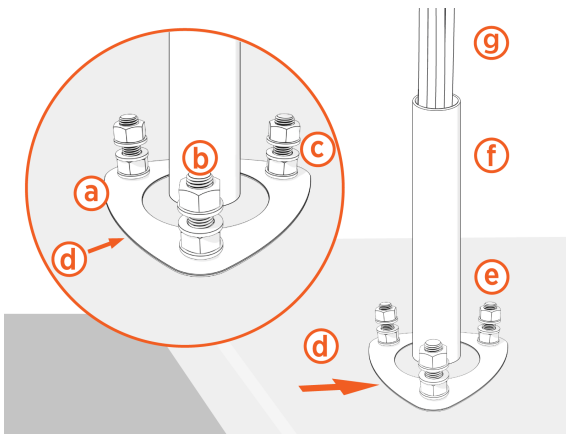
Mount the Pedestal

Perform the following steps to mount the pedestal:

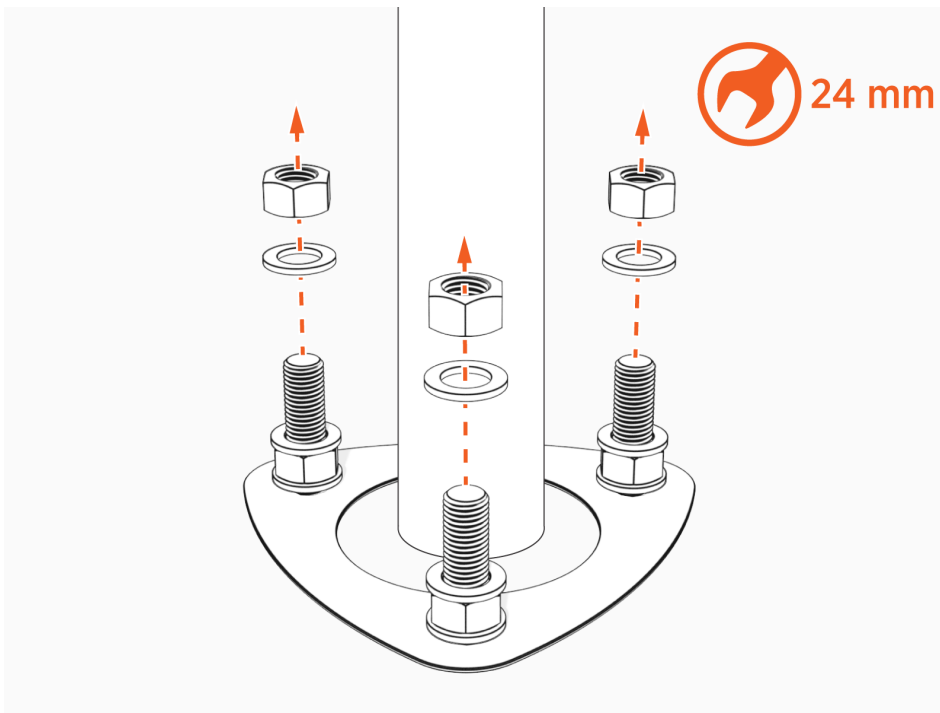
1. Confirm that the location has been prepared according to the *Site Design Guide* by visiting [ChargePoint Product Reference Documentation](#).

2. You should see the following:

	Indicate Yes or No Add Comments	
(a) Concrete mounting template	Yes	No
(b) Three bolts set into concrete	Yes	No
(c) Two nuts and three washers on each bolt	Yes	No
(d) Template front	Yes	No
(e) Bolts extending 60 mm (2 1/3 in) to 100 mm (4 in)	Yes	No
(f) Conduit stub-up measuring 152 mm (6 in) to 590 mm (2 ft)	Yes	No
(g) Approximately 1.5 m (5 ft) of service wiring, including Ethernet wiring (if the station supports Ethernet)	Yes	No



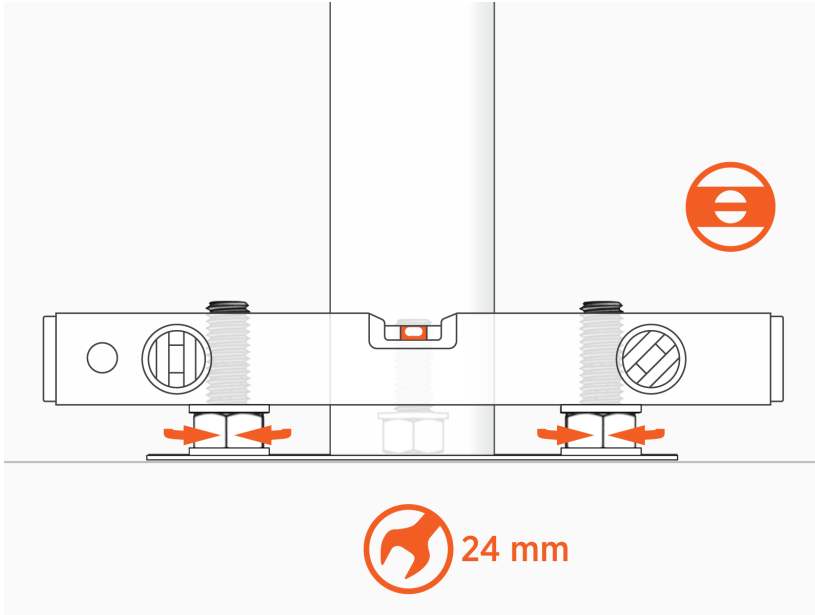
3. Remove top nuts and washers.



- Adjust the lower nuts as necessary to be level.



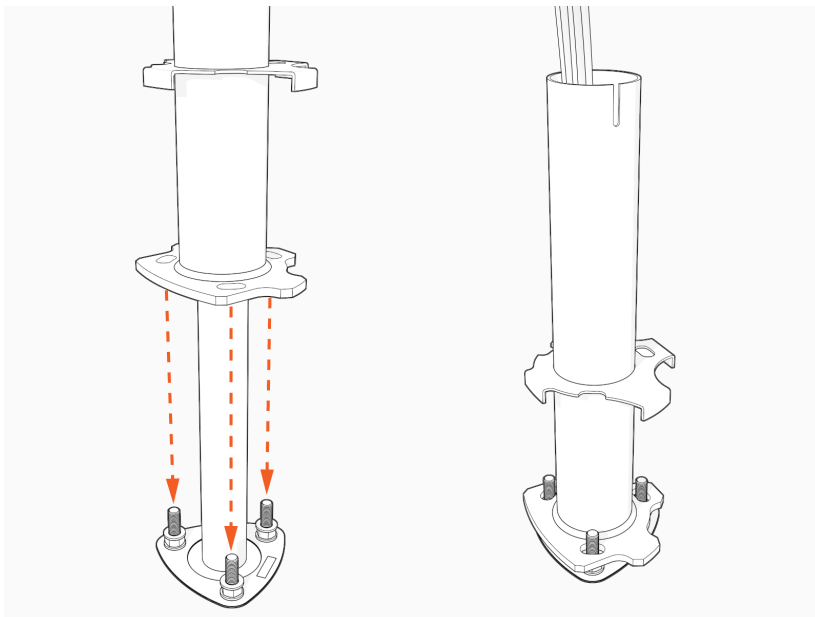
IMPORTANT: Removing the lower nuts or washers might cause the housing to become misaligned which could potentially damage the station.



- Place the pedestal over the conduit and route the wiring through the pedestal.



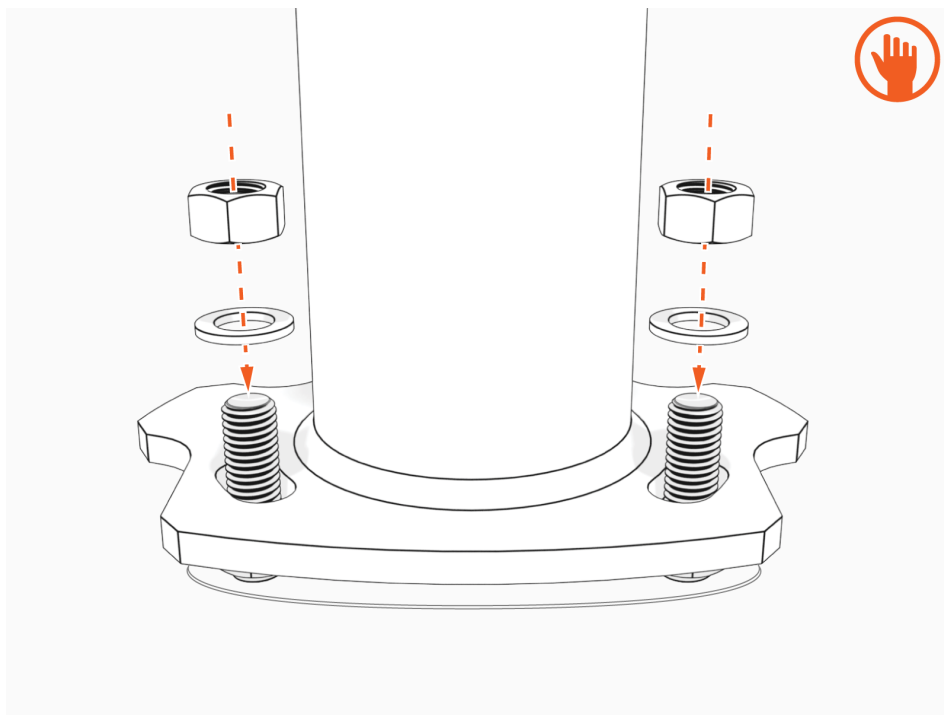
IMPORTANT: Avoid damaging the conduit.





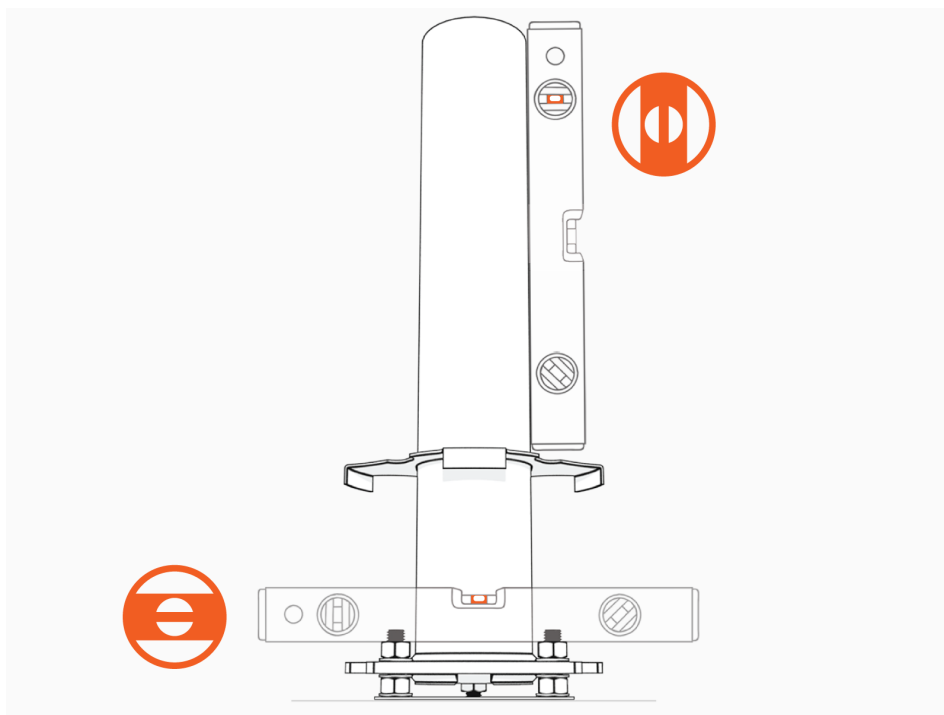
IMPORTANT: Ensure the pedestal is facing the parking space.

6. Fasten the pedestal to the bolts and hand tighten the nuts.

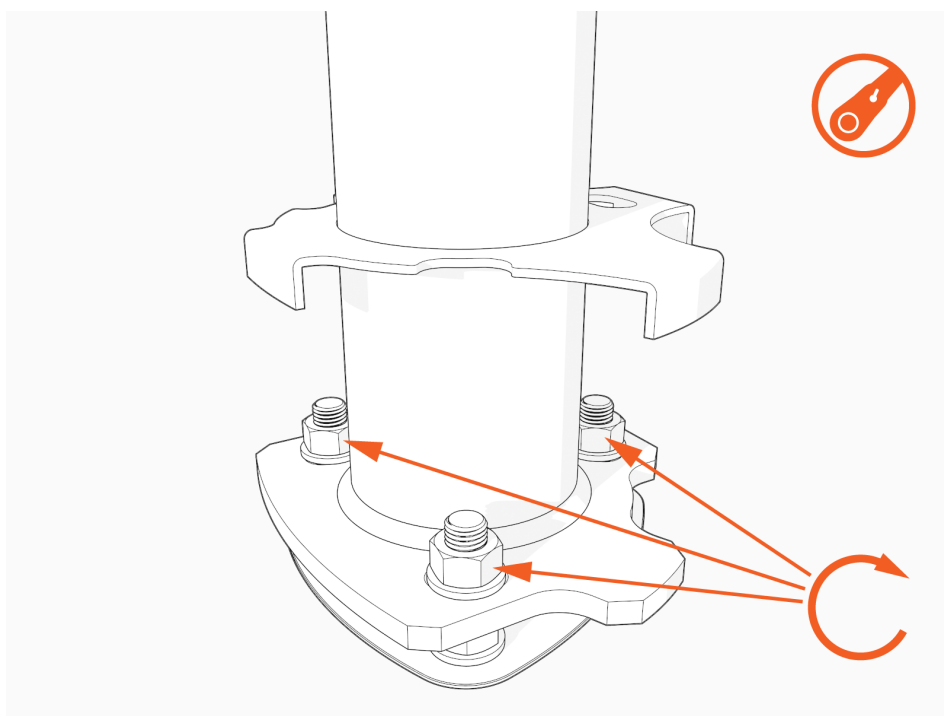


7. Ensure pedestal is level and plumb.

Verify accuracy after each adjustment by positioning the level at various locations on the pedestal, above each bolt.



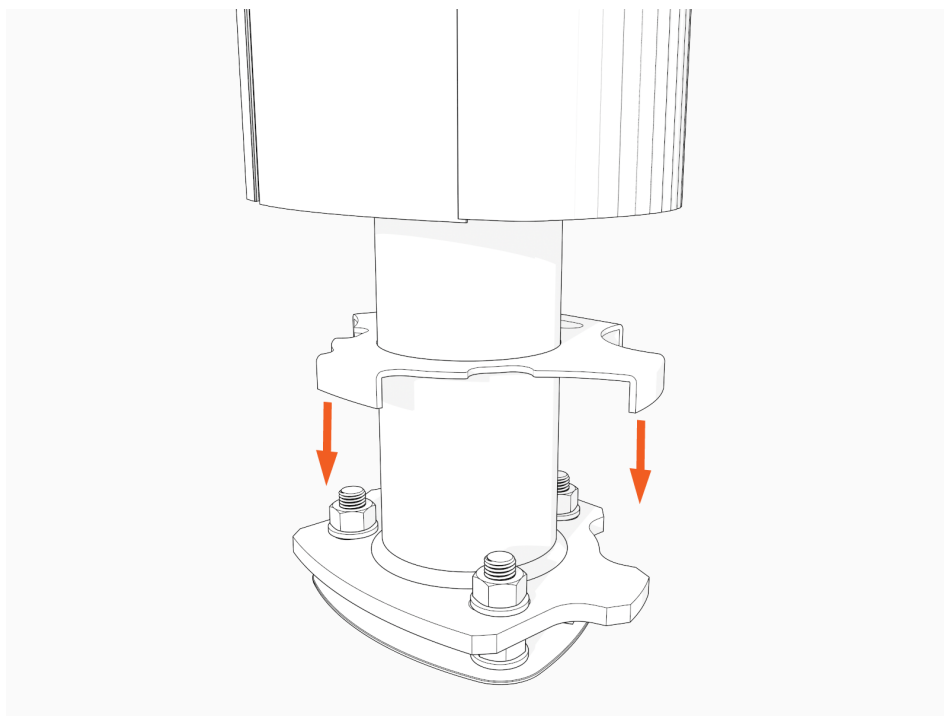
8. Torque the top nuts to **120 Nm (88 ft-lb)**.



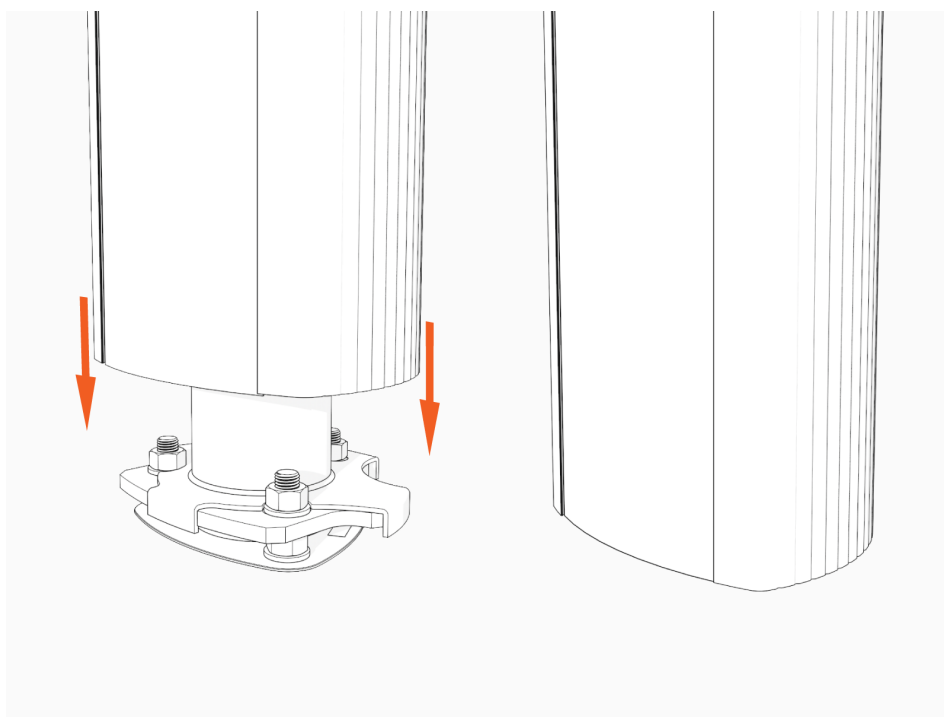
Install the Housing

Perform the following steps to install the housing:

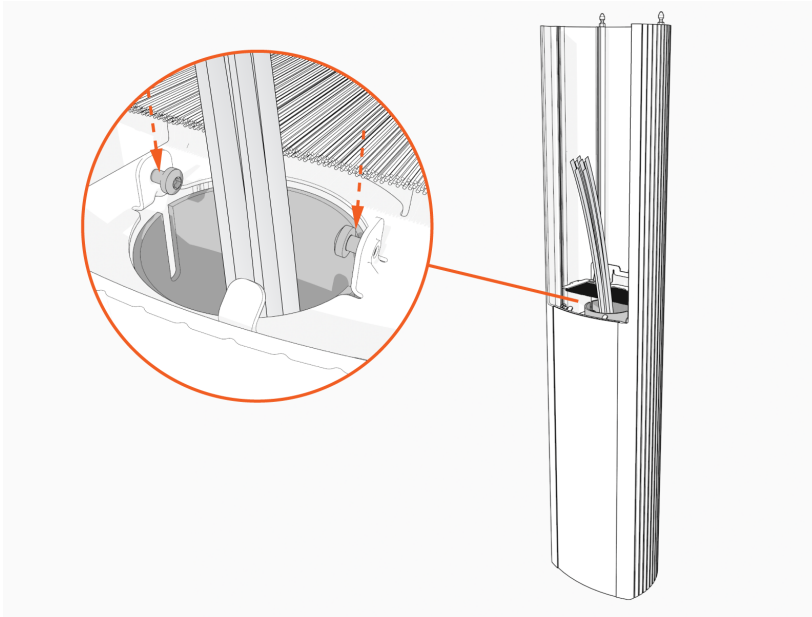
1. Align and slide the rubber spacer down.



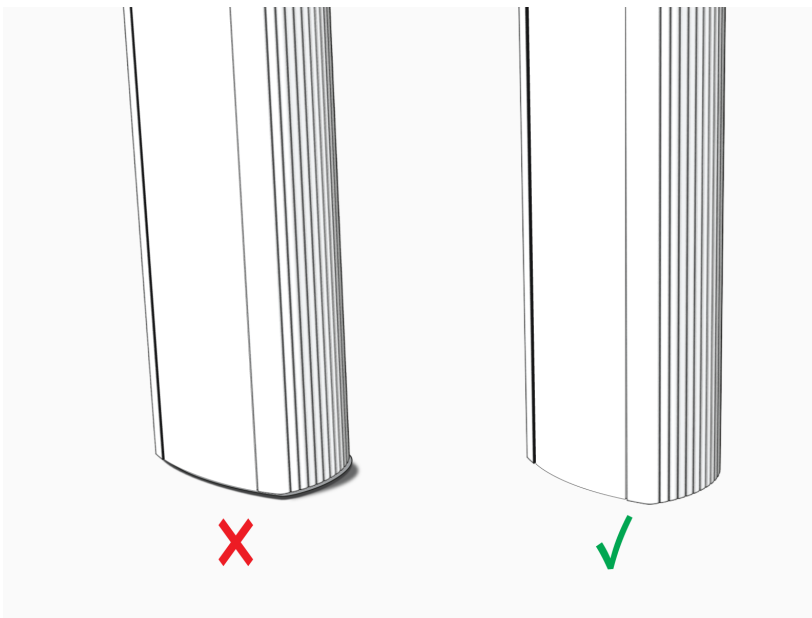
2. Slide the housing down.



3. Ensure screws are aligned.

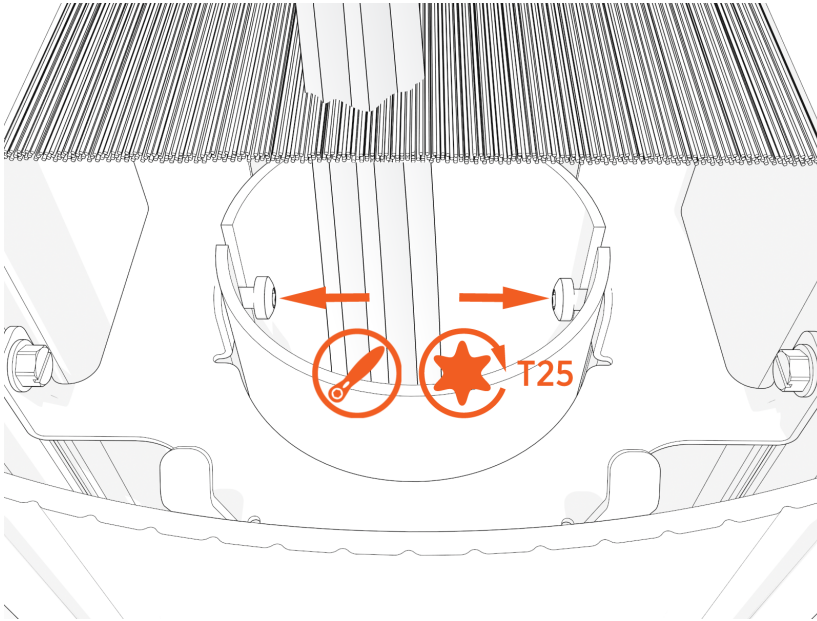


4. Firmly align pedestal to the bottom surface.



IMPORTANT: Do not seal the pedestal to the concrete pad with caulking, silicone, or other sealing material. The pedestal is designed to shed moisture between its bottom surface and the concrete pad. Sealing the pedestal to the concrete can trap water inside the housing.

5. Use the L-wrench or mini-ratchet wrench to torque screws to **4.6 Nm (40 in-lb)**.



Alternative Installation: Side Mounted Conduit

If the conduit cannot come from below the pedestal (existing concrete in a parking garage, for example), mount the pedestal and ensure it is level and tight, then follow these steps.

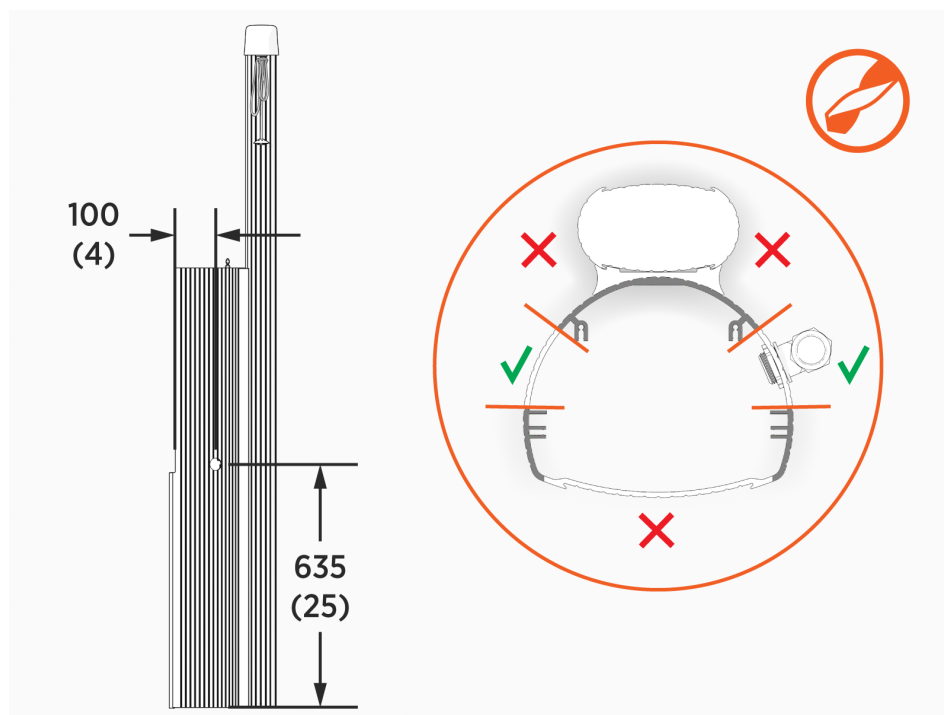
You need a hole saw or a knockout punch.

1. Mark the conduit entry point on either side of the housing. The center of the opening must be 635 mm (25 in) from the bottom and 100 mm (4 in) from the front, a location that does not intersect any internal ribs.

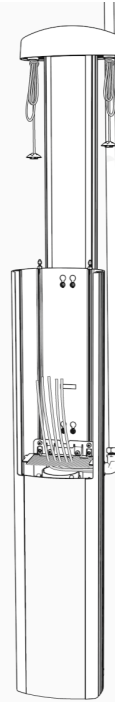
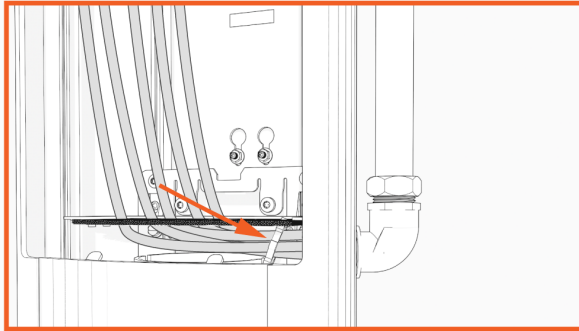
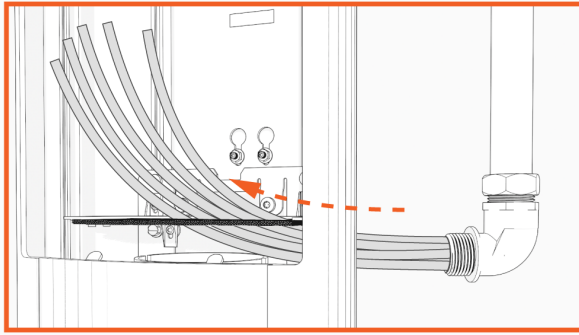
Drill or punch a hole for a 32 mm (1.25 in) trade size knockout.



NOTE: Images are not to scale. Measurements appear in metric units (mm) followed by imperial equivalents (inches).



2. Pull wire through the conduit, protecting the wires from sharp edges of the internal structural components.



3. Seal the conduit entry into the pedestal housing using an approved sealing method that is compliant with applicable codes.

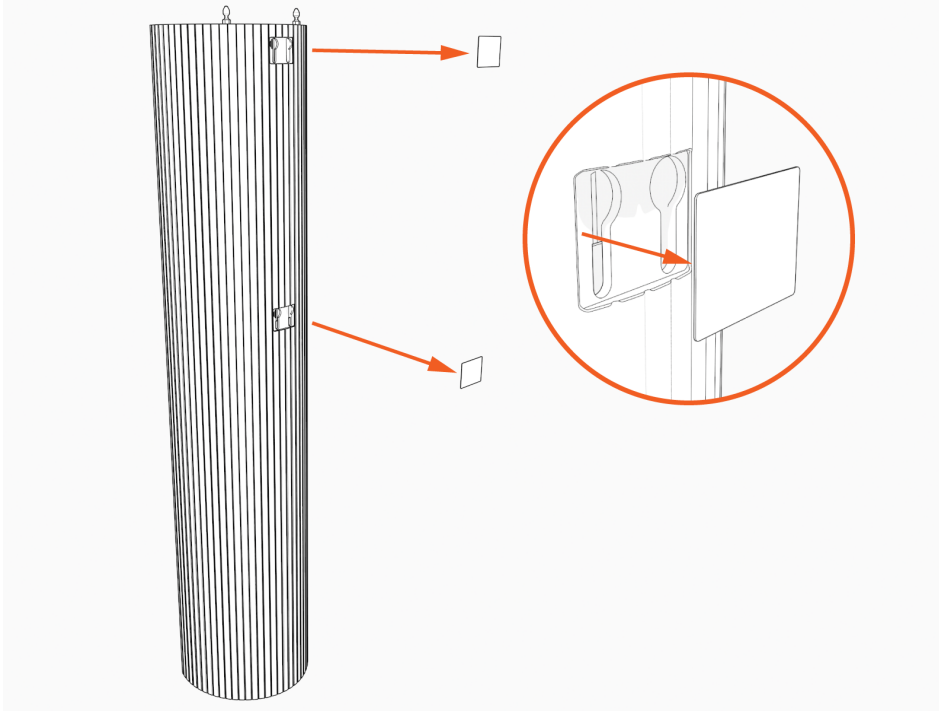


IMPORTANT: Ensure that the installation complies with all applicable codes and ordinances.

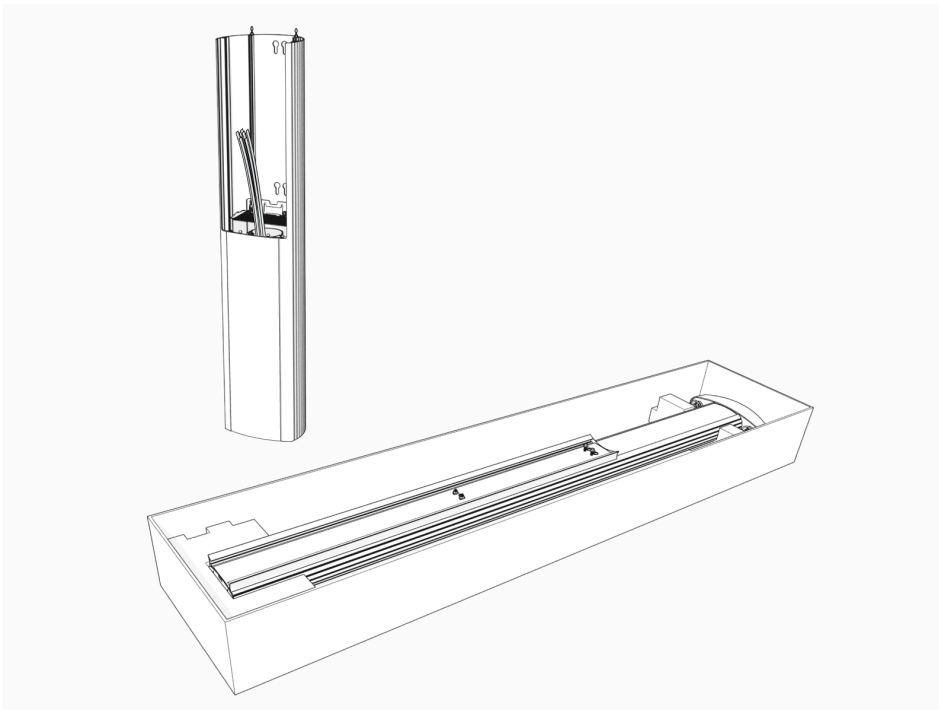
Install the CMK

To install the CMK, complete the following steps:

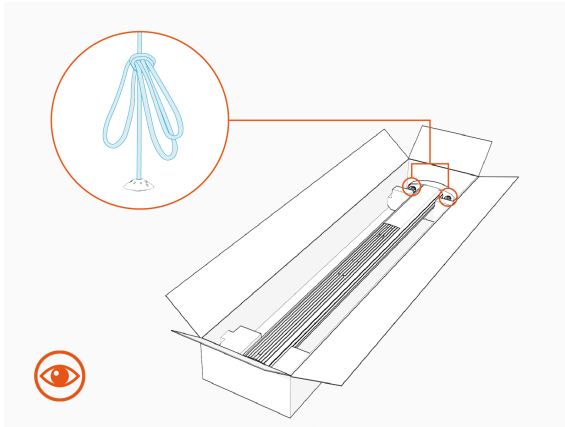
1. If present, remove the two stickers covering the holes on the back of the pedestal housing.



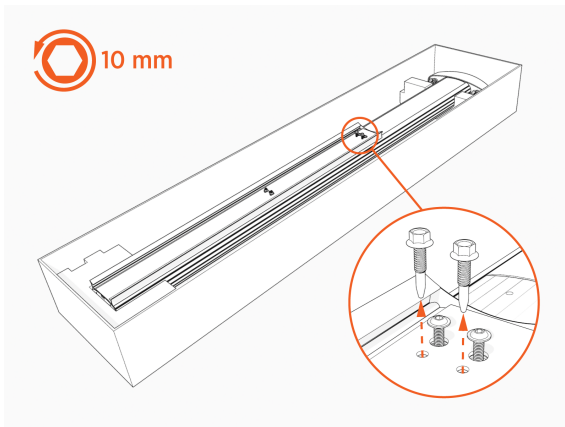
2. Unwrap and position the Cable Management Kit (CMK) packaging near the base of the pedestal.



3. If you do not see a knot tied near the top of the cable clamp rope, pull the rope out about 600 mm (2 ft) and tie a slip knot near the top of the CMK.

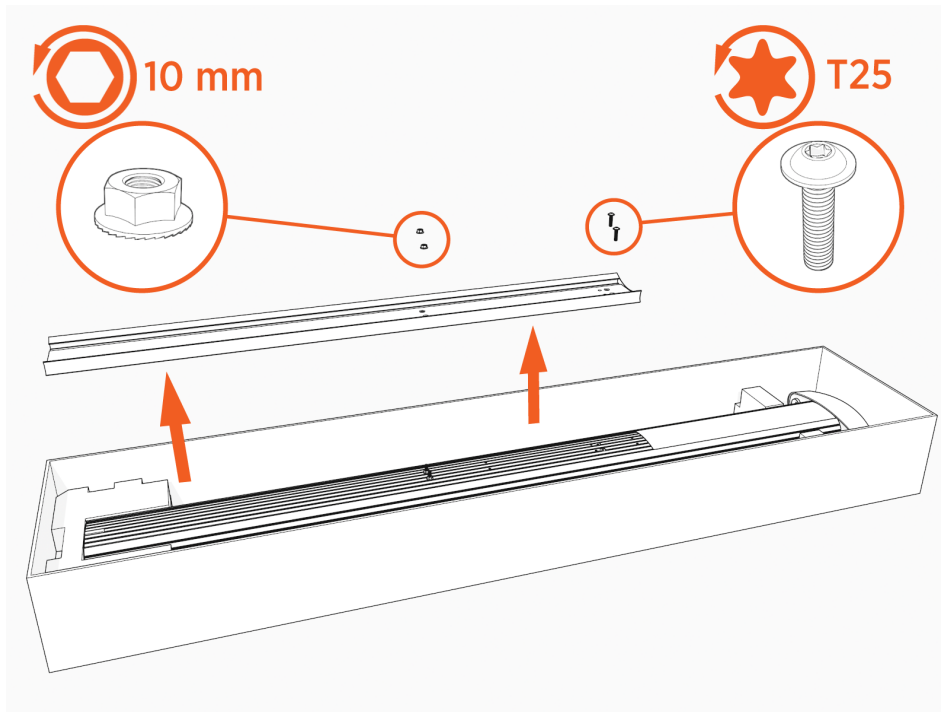


4. Remove and discard the shipping screws.

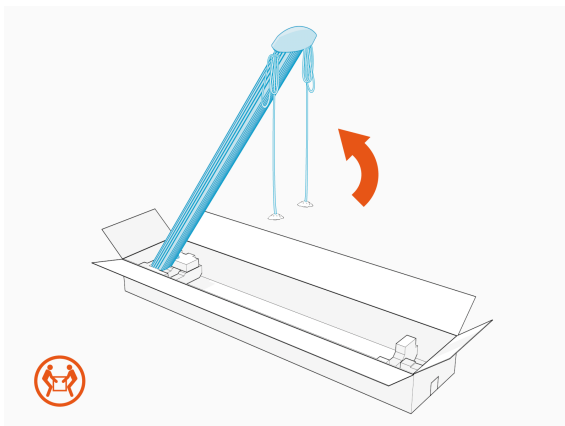


WARNING: When you remove the shipping screws, the counterweights are free to move in either direction. To prevent damage or injury, always carry the assembly with the top end higher than the bottom end.

5. If present, remove the spacer.



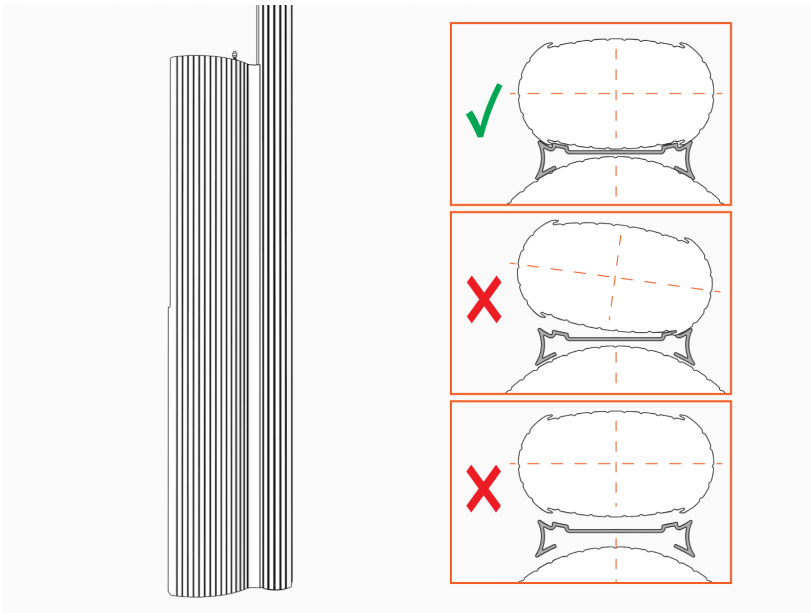
6. Stand the CMK upright slowly. The counterweights will drop.



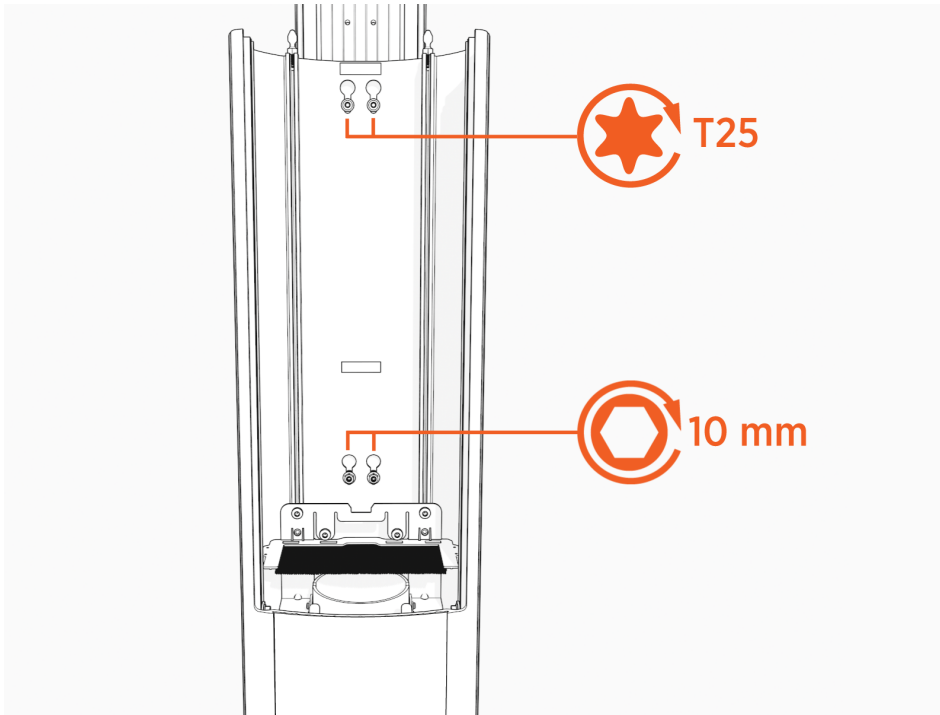
7. Place the CMK behind the pedestal housing and align the mounting screws (top) and nuts (bottom). Lower the CMK.



IMPORTANT: Make sure there is no gap next to the spacer.



8. Torque the top T25 screws to **5.7 Nm (50 in-lb)**. Use a 10 mm wrench to tighten the nuts near the bottom to **5.7 Nm (50 in-lb)**.



9. Go to [Connect Wiring](#).

Install a Wall Mount

To install a wall mount, perform the following steps:

Mount the Brackets

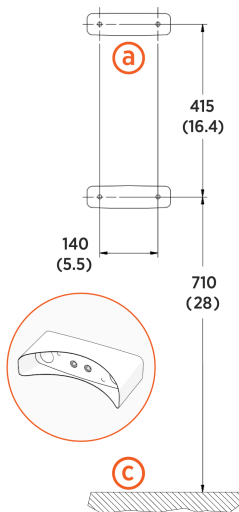
To mount the brackets, perform the following steps:

1. Select rear brackets depending on if the station will include a CMK.
2. Mark holes and ensure they are level.

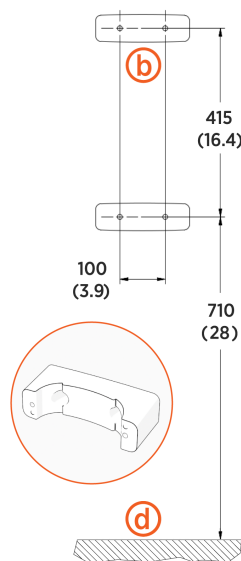


NOTE: Images are not to scale. Measurements appear in metric units (mm) followed by imperial equivalents (inches).

**Wall Mount Stations
Without CMK**



**Wall Mount Stations
With CMK**



(a) Hole locations for wall mount stations without CMKs

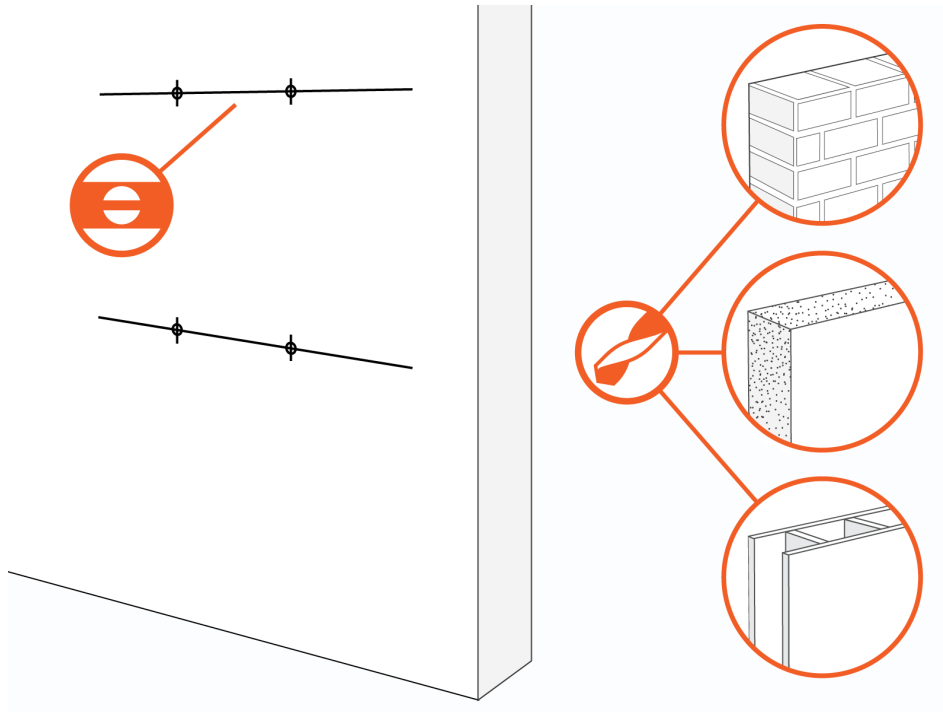
(b) Hole locations for wall mount stations with CMKs

(c) Ground level

(d) Ground level

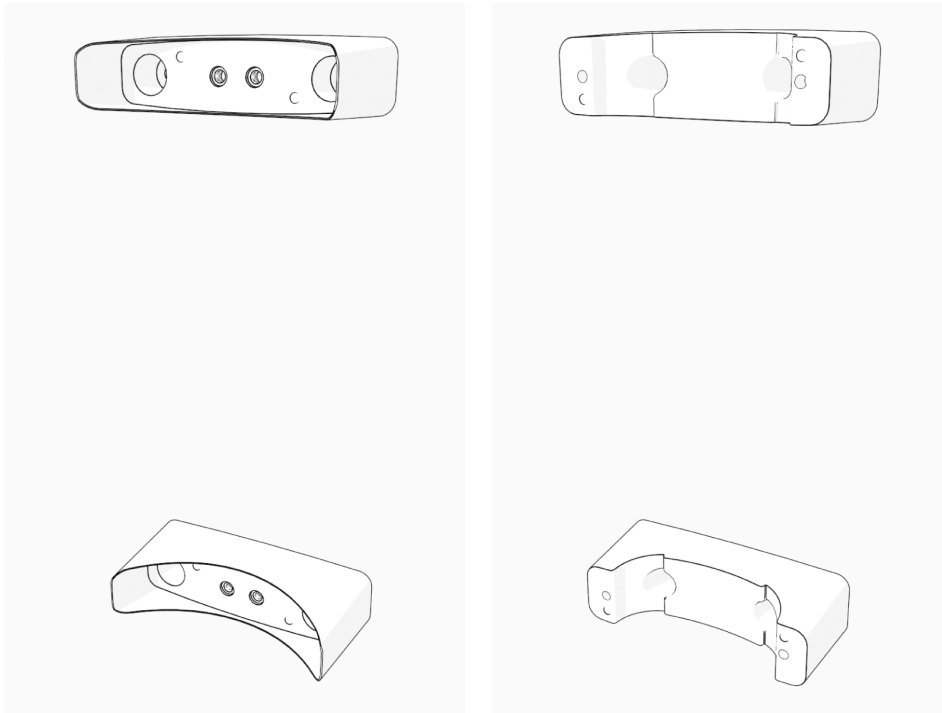
3. Use a drill and bit appropriate for the type of wall to drill four holes.
4. For masonry or concrete walls, insert masonry anchors (not included) rated for at least 318 kg

(700 lb) of pull-out force.



Parts	Dimensions
Hollow wall	• Bridge two studs with channel strut
Wood studs	• 10 mm (3/8 in) lag bolts; at least 64 mm (2-1/2 in) long • 10 mm (3/8 in) washers, • Appropriate channel strut nuts
Masonry wall	• 10 mm (3/8 in) expanding masonry fasteners
Wood wall	• 10 mm (3/8 in) x 75 mm (3 in) lag bolts

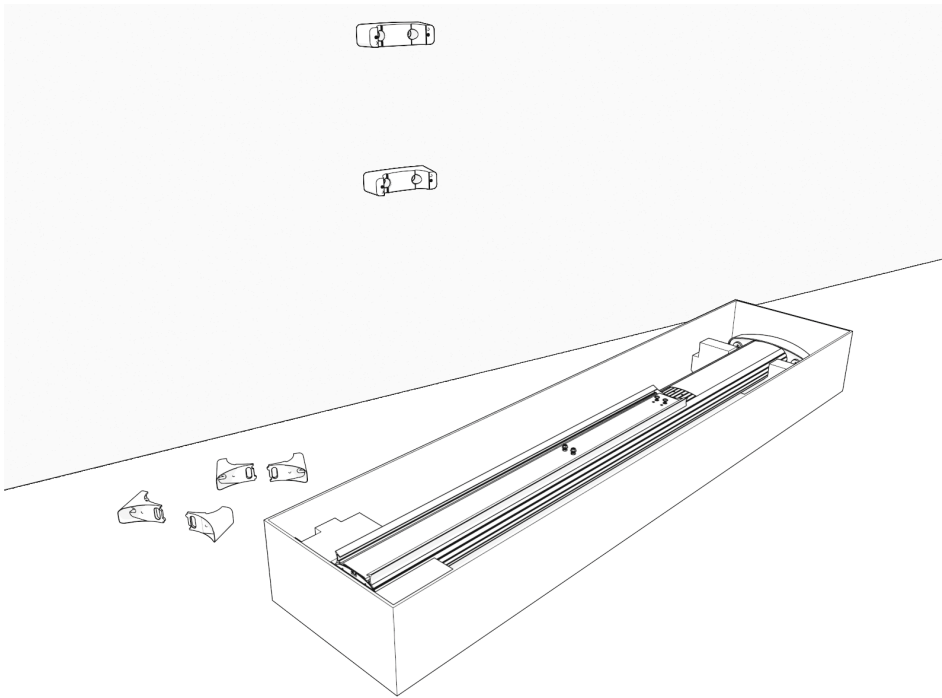
5. Mount brackets and ensure they are level.



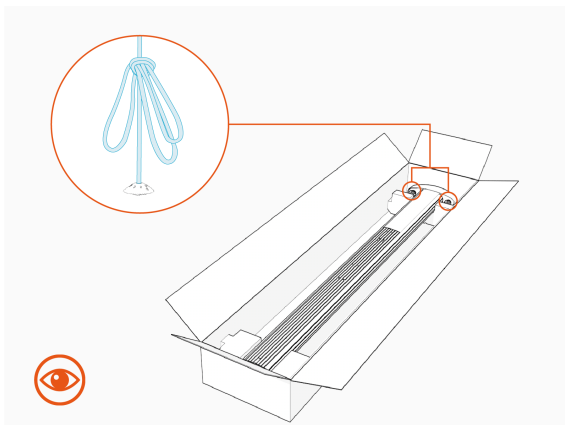
Mount the CMK

Perform the following steps to mount the CMK:

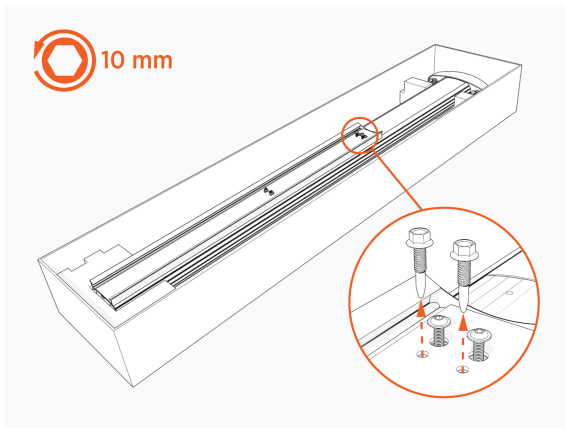
1. Position the Cable Management Kit (CMK) packaging near the wall.
Place the front brackets within reach.



2. If you do not see a knot tied near the top of the cable clamp rope, pull the rope out about 600 mm (2 ft) and tie a slip knot near the top of the CMK.

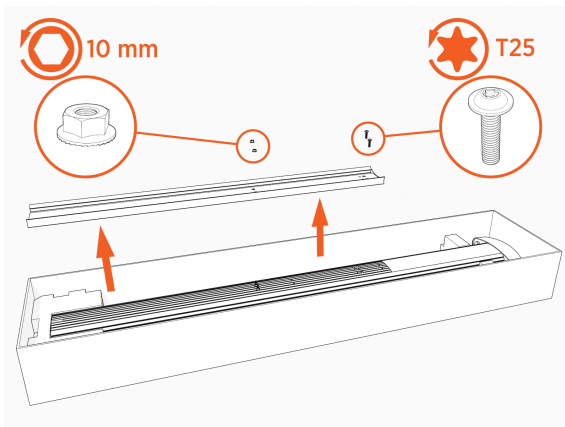


3. Remove and discard the shipping screws.

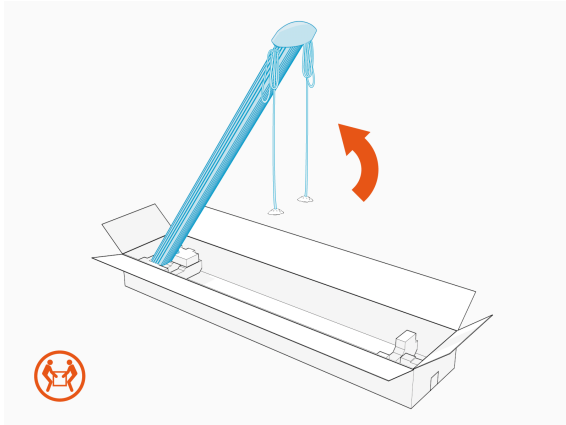


WARNING: When you remove the shipping screws, the counterweights are free to move in either direction. To prevent damage or injury, always carry the assembly with the top end higher than the bottom end.

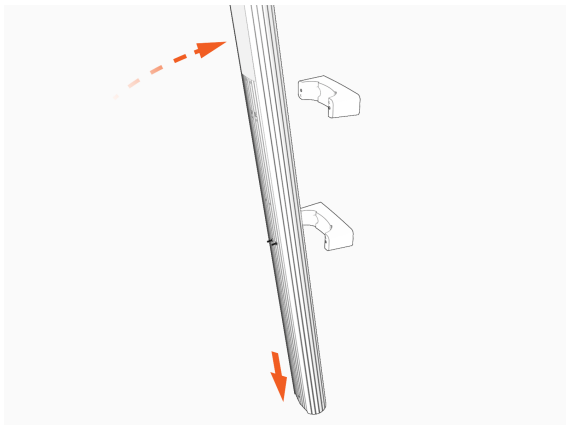
4. If present, remove the spacer.



5. Stand the CMK upright slowly. The counterweights will drop.



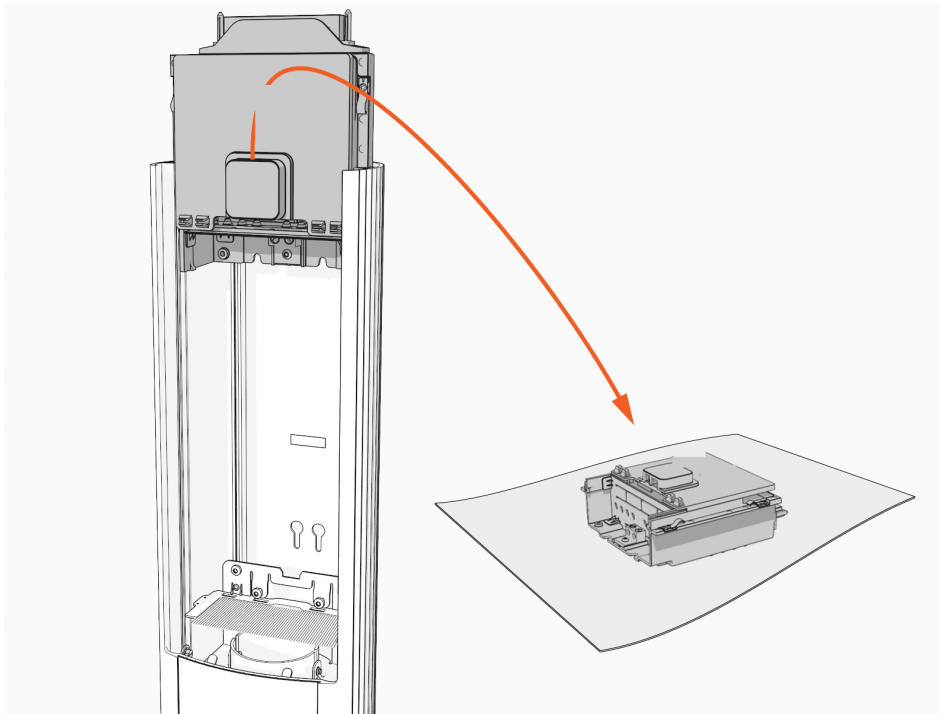
6. Tilt the CMK up against the rear brackets, rest the bottom on the ground and steady with one hand while using the other to position the top front bracket.



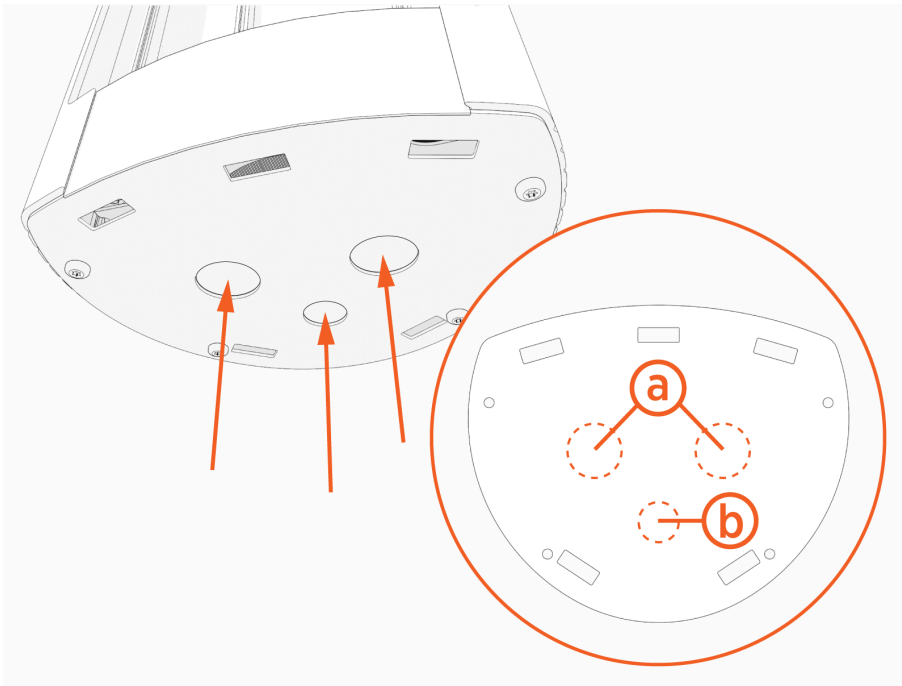
Prepare the Housing

Perform the following steps to prepare the housing:

1. Lift the power plate cover. Loosen, but do not remove, two screws.
2. Move the power plate and set it gently on a padded surface.



3. Drill or use the knockouts in the housing to create holes for the conduit. If drilling holes, drill near the center of the lower housing plate.



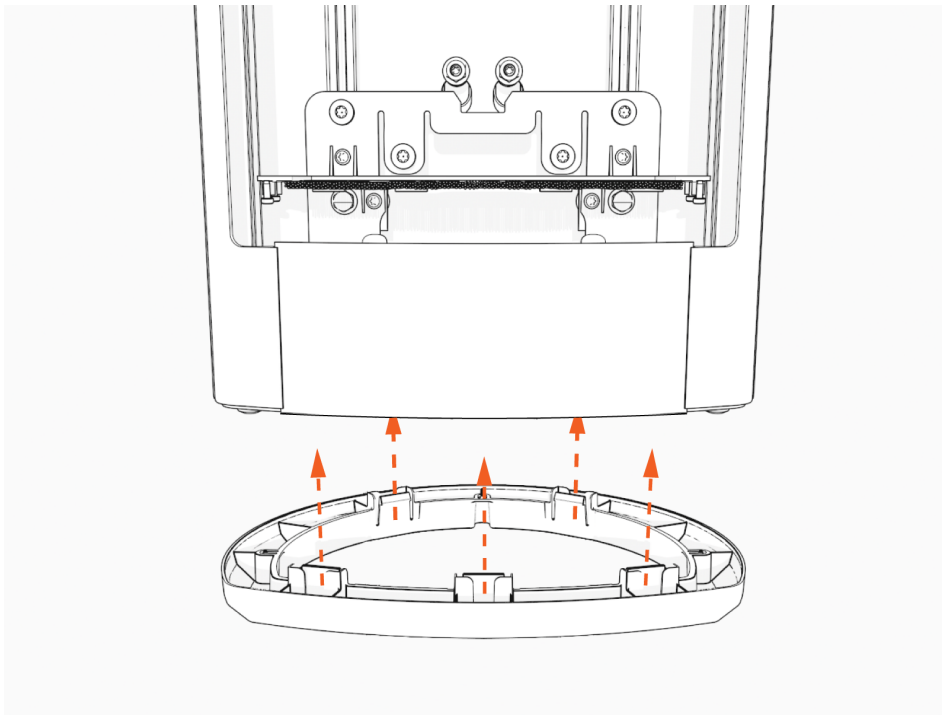
(a) 33 mm (1.3 in) knockout

(b) (b) 24 mm (0.95 in) knockout (optional Ethernet wiring)

Maximum sizes for larger conduit:

- Two 40 mm (1.5 in) conduits, 0.75 inch conduit (optional Ethernet)
- One 68 mm (2.5 in) conduit, 0.75 inch conduit (optional Ethernet)

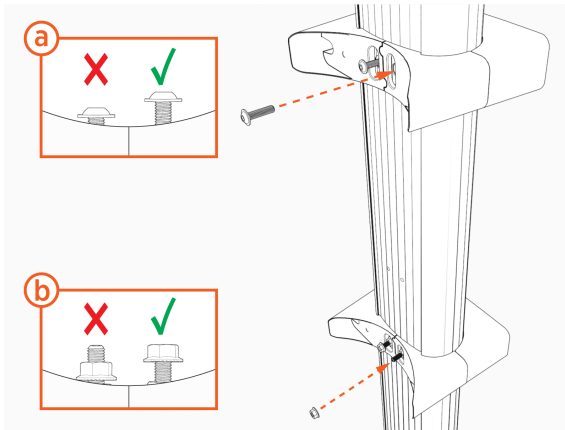
4. Snap lower bracket onto station.



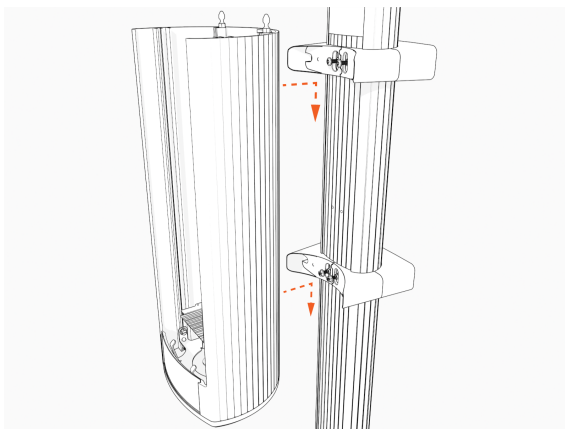
Install the Housing

Perform the following steps to install the housing:

1. Insert two flange bolts (a) half way through the upper bracket.
2. Insert two threaded posts and nuts (b) on the bottom bracket.

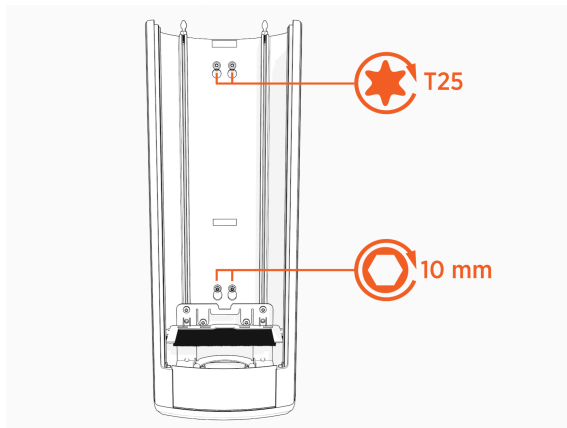


3. Align the mounting screws (top) and nuts (bottom) and hang the housing.



4. Use L-wrench or mini-ratchet wrench to torque two flange screws (upper) and two preinstalled nuts

(lower) to **5.7 Nm (50 in-lb)**.

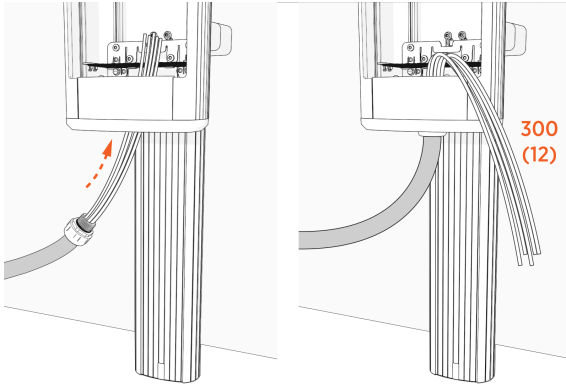


Install the Conduit

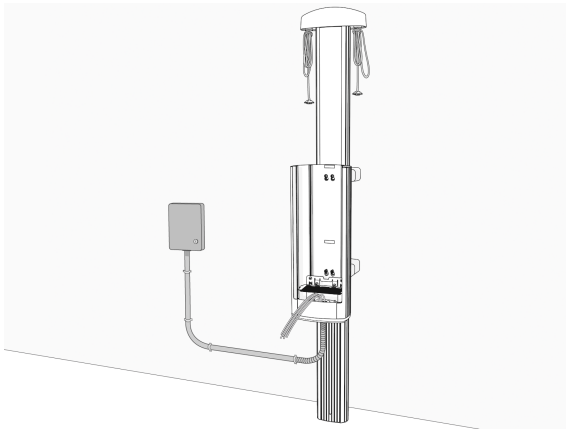
Perform the following steps to install the conduit:

1. Feed conduit through the lower station bracket and into the station.

The length of wire available from the end of the conduit or the wall mount base must be at least 300 mm (12 in).



2. Select the appropriate gland or hardware and sealant, if applicable, to attach the conduit to the station.



IMPORTANT: Install and seal the conduit following local codes.

After installing the wall mount, go to [Connect Wiring](#).

Connect Wiring

CAUTION: Use copper conductors only.

Do not provide GFCI protection at the panel. The charging station has built-in GFCI protection.



In areas with frequent thunderstorms, add surge protection at the service panel for all circuits. Use new circuit breakers only.

Ensure all power and ground connections (especially those at the breaker) are clean and tight. Remove all oxide from all conductors and terminals before connecting wiring.

Although neutral is not used by charging stations, system neutral must be bonded to ground so that all line to ground voltages are defined.

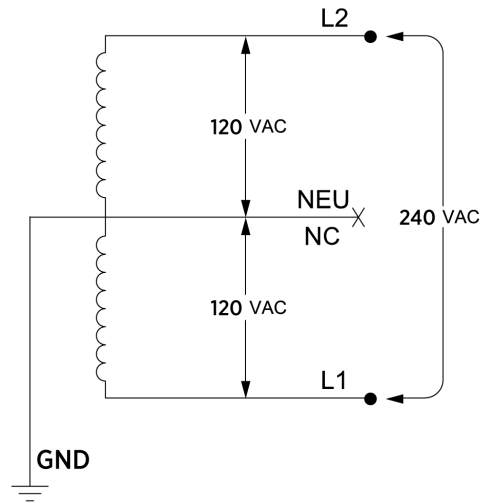
Grounding Requirements

CP6000 charging stations must be connected to a grounded, metal, permanent wiring system. An equipment-grounding conductor must be run with circuit conductors and connected to an equipment-grounding terminal on the charging station.

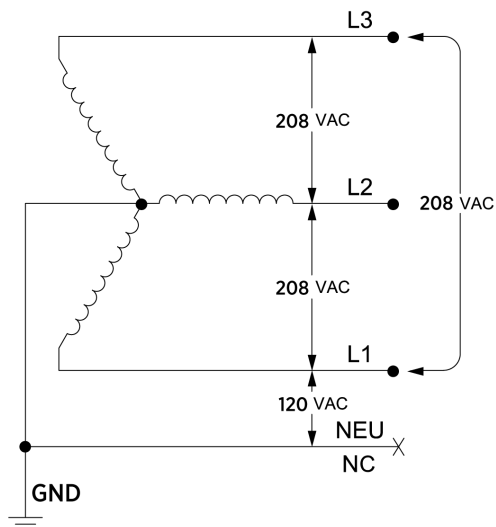
A grounding conductor that complies with applicable codes must be grounded to earth at the service equipment or, when supplied by a separate system, at the supply transformer, or may be grounded to an earth electrode. Ensure the grounding conductor complies with all applicable codes.

Connect to these Systems

- 120/240 V AC, 1Ø Bonded Neutral
Station is connected to L1 and L2
Neutral is not used



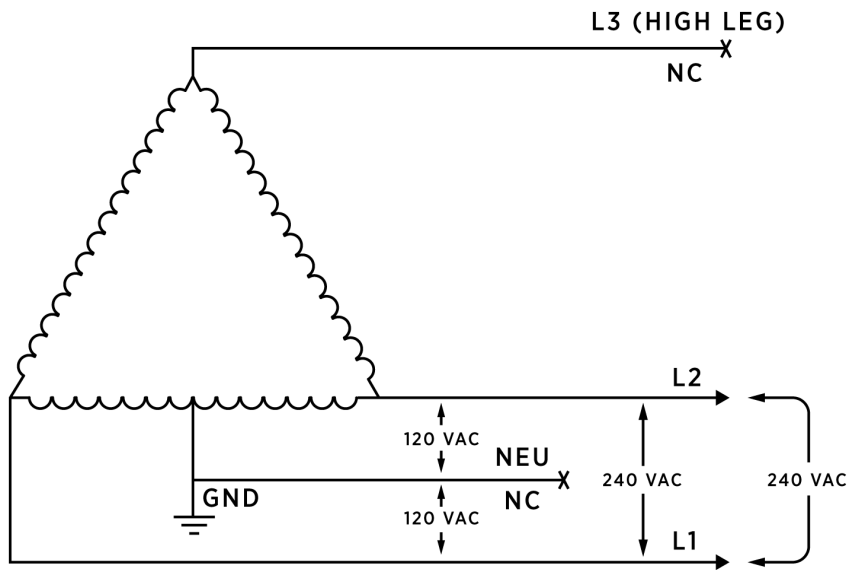
- 120/208 V AC, 3Ø Wye Bonded Neutral
Station may be connected to any two lines
Neutral is not used



- 120/240 VAC, 3Ø Delta Center tap grounded Bonded neutral

Station must be connected to L1 and L2 only. Do not connect any part of the system to L3 Neutral is not used

Not recommended for new construction



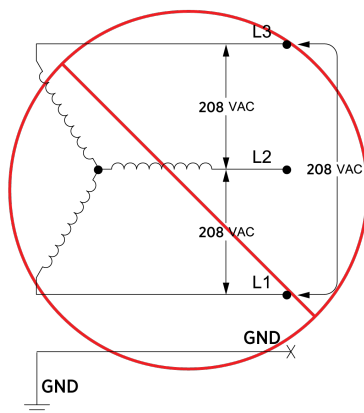
Do not Connect to these Systems

- 208 V AC 3Ø Wye, ungrounded

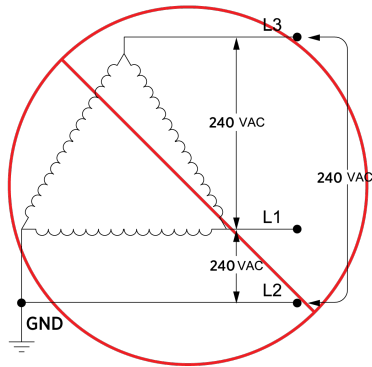
Floating Neutral

Voltage of either line to ground is undetermined

Neutral is not grounded



- 120/240 V AC 3Ø Delta, corner-grounded
Voltage of any line is not 120 V nominal relative to ground
- Any system where the center point of the AC power source is not grounded.



Install Circuit Sharing Jumpers

Circuit sharing jumpers are included with all charging stations and are required in each of the following scenarios:

- Single circuit installations to supply power to dual port stations
- Single port stations.



IMPORTANT: Circuit sharing jumpers cannot be installed with the power plate in the housing.

If the station is not being configured for circuit sharing, go to [Install the Power Plate](#).



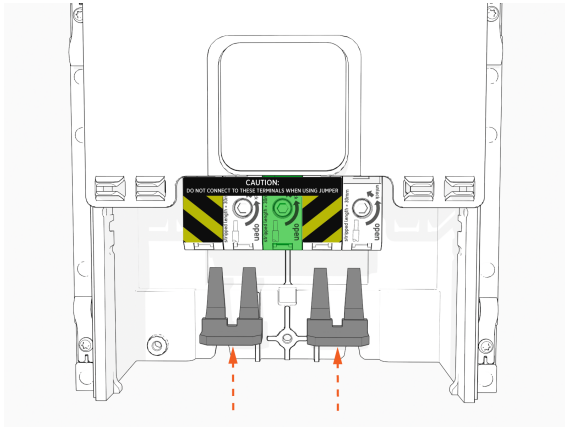
WARNING: Install jumpers only when one circuit feeds one or both ports. Installing jumpers while feeding a circuit to each port will result in shorting occurring across the lines.

1. Install the jumpers. You must install both of the jumpers.

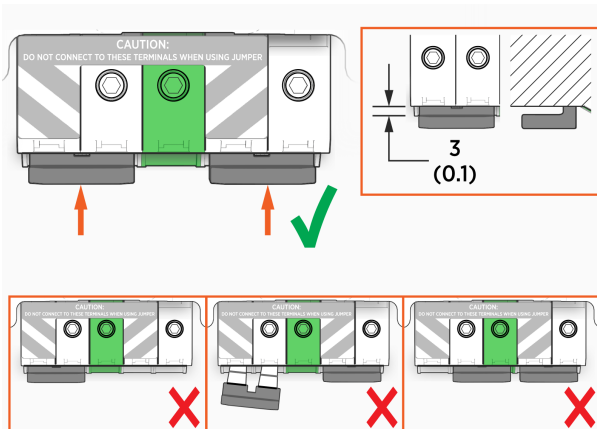
Do not terminate wires on either of the two specific terminals that are being fed by a jumper.



NOTE: Circuit sharing jumpers cannot be installed with the power plate in the housing.



IMPORTANT: Ensure circuit sharing jumpers are fully seated.



Install the Power Plate

Replace the Screws on the Power Plate

Before installing the power plate, use the **Kit Power Plate Hardware Repair** to replace the screws on the power plate:

1. Use a T8 Torx screwdriver to remove the old screws from the power plate and discard them.



2. Insert the new screws through the washers.



3. Seat the screws on the power plate. Apply downward pressure on the screw head while adding the nut from below to prevent the screw from falling out.



4. From under the power plate, locate the screw tip protruding through the plate. Using a magnetic 3/8 nut driver, align the nut onto the driver and thread it onto the screw. Tighten the nut against the power plate.



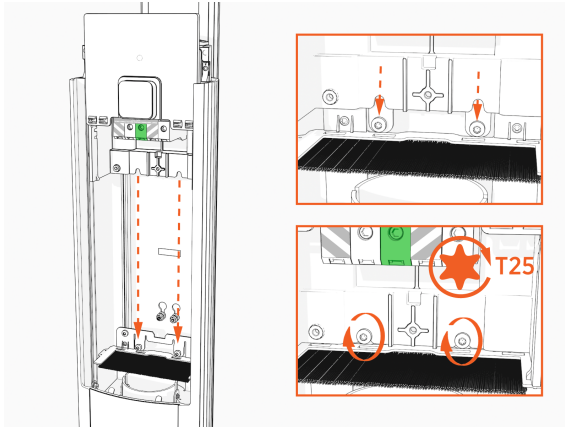
5. Using a torque screwdriver or the nut setter tool provided in the repair kit, torque the fastener to **0.4 Nm (3.5 in-lb)**.



Install the Power Plate

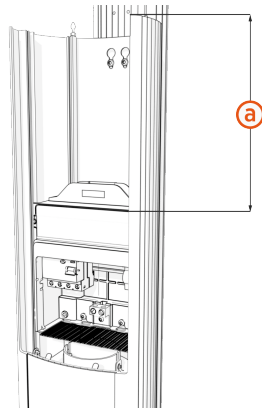
To install the power plate, perform the steps below:

1. Align the power plate with the housing and slide it down until it touches the metal bracket.
2. Ensure the power plate is seated correctly.
3. Slide the power plate cover up.
4. Using a T25 driver, torque the screws to **5.7 Nm (50 in-lb)** to secure the power plate.



5. Ensure that the power plate is fully seated. The distance **(a)** from the top of the power plate to the top of the pedestal must be 286 ± 1 mm ($11.26 \pm .04$ in).

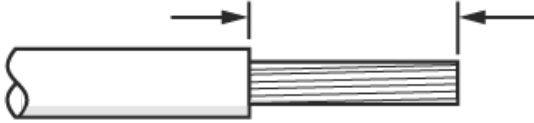
If the distance does not equal 286 ± 1 mm ($11.26 \pm .04$ in), contact ChargePoint Support.



Connect the Wiring

To connect the wiring, follow the steps below:

1. Strip the wires 30 mm (1-3/16 in).

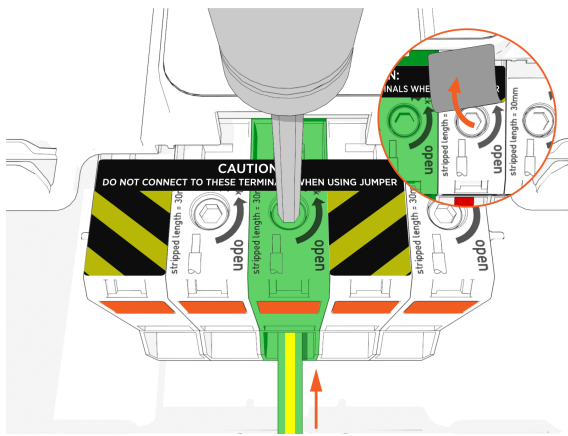
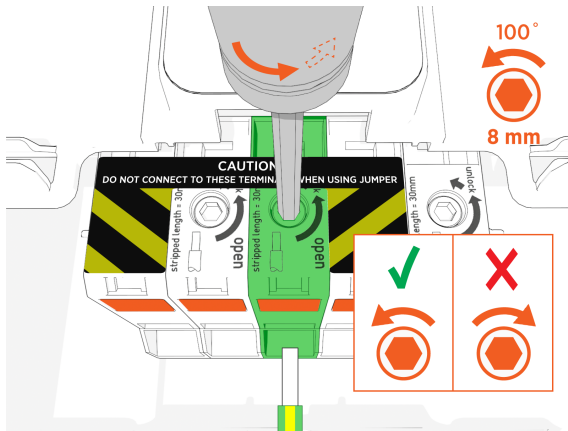


IMPORTANT: Cut wires straight across at 90° and not at an angle.

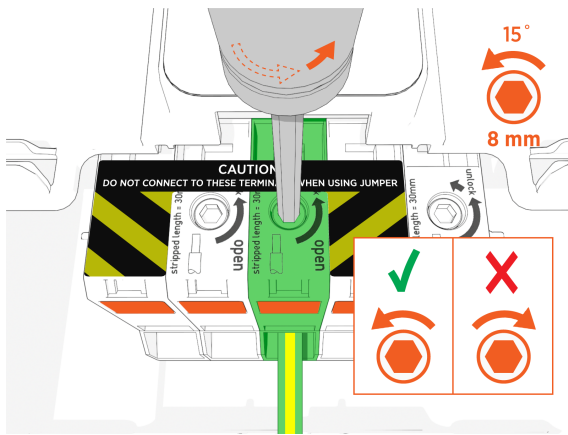


2. To open the center terminal block, insert an 8 mm (5/16 in) hex driver and rotate it counterclockwise. You might need to lift the label flap to access the terminal block.

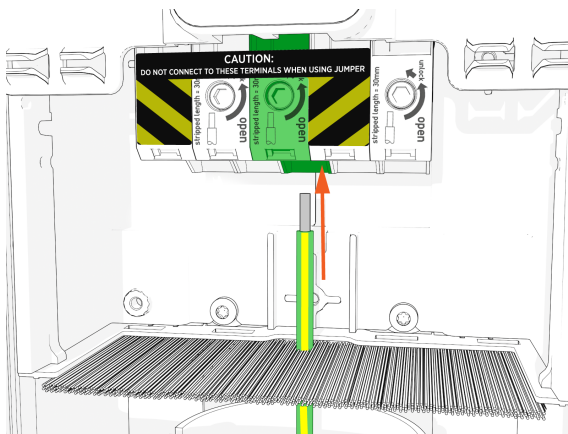
Hold the driver in place to keep the terminal open while inserting the wire.



IMPORTANT: If you use the orange button to lock the terminal block in the open position, use only counterclockwise rotation to release it. Rotating the tool clockwise will damage the terminal block.



3. Insert the ground wire into the center terminal.

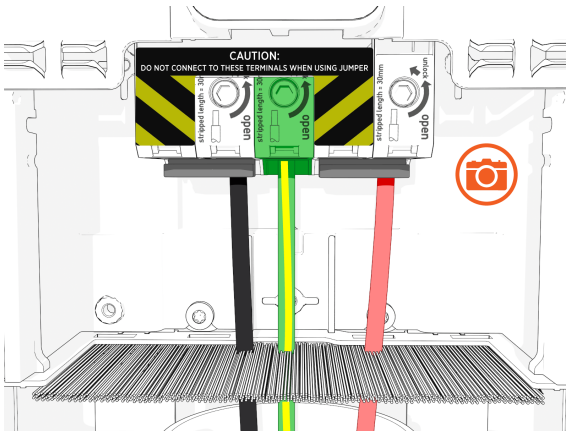


4. While holding the wire in place, release the hex driver to secure the wire in the terminal block.
5. Repeat previous steps for each wire.

6. Take a picture of the completed terminal block wiring with labels to submit during pinpointing.

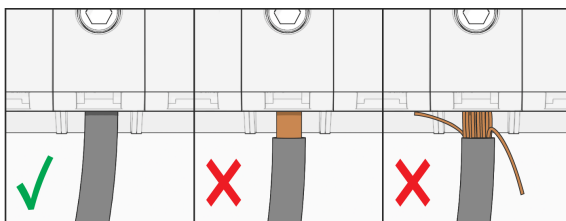


IMPORTANT: Ensure that you take a photo of the wires in the terminal block before continuing the installation process.



IMPORTANT: You should not see any copper wire outside the terminal block.

>



Wiring Diagrams

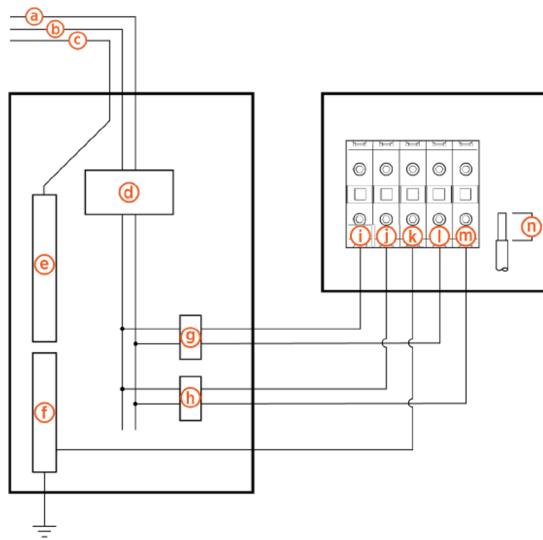
These diagrams show wiring for installing single and dual port CP6000 stations on:

- A dual circuit, dual port
- A single circuit, dual port
- A single circuit, single port

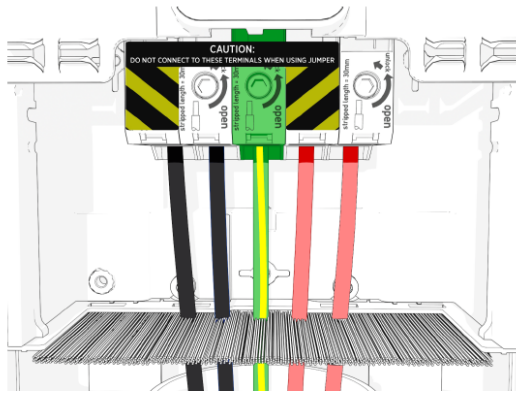
The number of dedicated circuits required depends on the type of installation and the power available at the site.

Refer to the CP6000 *Datasheet* on [ChargePoint Product Reference Documentation](#) for electrical input and output specifications.

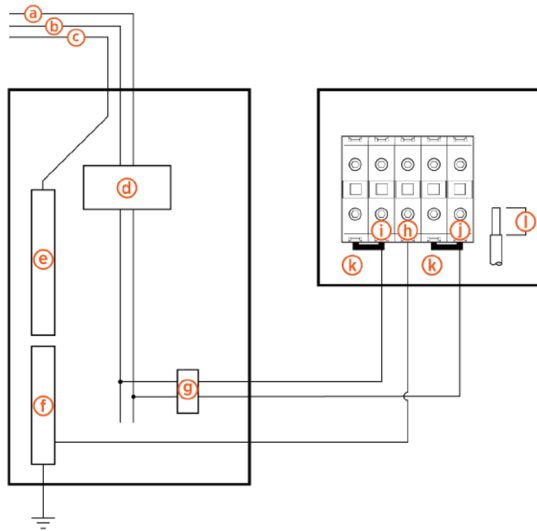
208 VAC Single Phase Dual Circuit, Dual Port



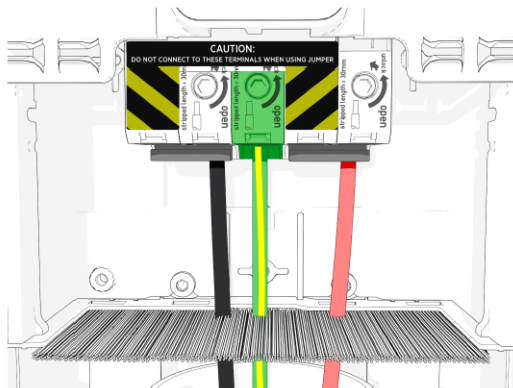
- (a)** L2
- (b)** L1
- (c)** Neutral
- (d)** Main breaker
- (e)** Neutral bus
- (f)** Ground bus
- (g)** Left breaker
- (h)** Right breaker
- (i)** L1 Left
- (j)** L1 Right
- (k)** Ground
- (l)** L2 Left
- (m)** L2 Right
- (n)** Wire Strip Length
30 mm (1-3/16 in)



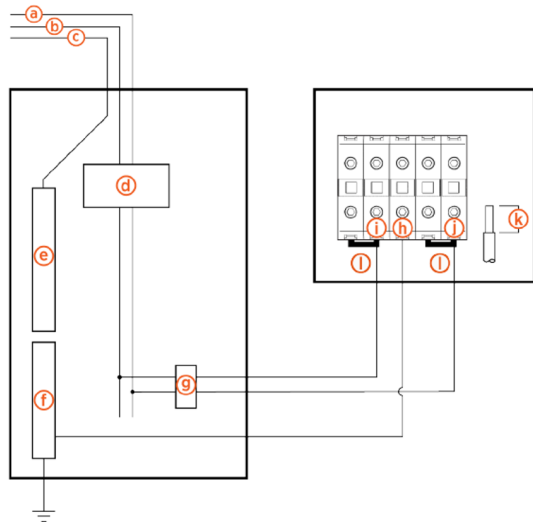
208 VAC Single Phase Single Circuit, Dual Port



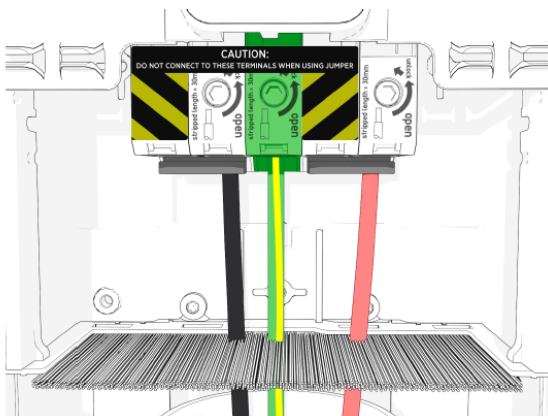
- (a) L2
- (b) L1
- (c) Neutral
- (d) Main breaker
- (e) Neutral bus
- (f) Ground bus
- (g) Breaker
- (h) Ground
- (i) L1
- (j) L2
- (k) Jumper
- (l) Wire strip Length
30 mm (1-3/16 in)



208 VAC Single Phase Single Circuit, Single Port



- (a) L2
- (b) L1
- (c) Neutral
- (d) Main breaker
- (e) Neutral bus
- (f) Ground bus
- (g) Breaker
- (h) Ground
- (i) L1
- (j) L2
- (k) Wire strip length
30 mm (1-3/16 in)
- (l) Jumper



Check Voltages



IMPORTANT: Ensure that Neutral connects to ground in the system per applicable codes.

The following table lists the expected input voltage measurements.

Measure Between	VAC (Plus or Minus 10%)
L1R – L2R	208/240
L1L – L2L	208/240
L1R – GND	120
L2R – GND	120
L1L – GND	120
L2L – GND	120

1. Turn power ON at the circuit breaker panel.
2. Using a solenoid type voltmeter, check that the voltages at the charging station's terminal block are as listed in the table above.
 - Insert the meter probes into the holes at the top of each terminal block and check the input voltage.
 - If the voltages are not within 10% of the voltages in the table above, ensure the wiring has been properly connected. Refer to the detailed wiring diagrams in this section.
 - For grounding requirements, see the CP6000 Datasheet on [ChargePoint Product Reference Documentation](#).
3. Resolve any wiring issues and ensure voltages are correct.
4. Turn power OFF at the circuit breaker panel.



IMPORTANT: Do not cross the Ethernet cables when connecting them from the charging cables to the CCOM. The Ethernet cable from the left charging cable must be connected to the left Ethernet port on the back of the CCOM, and the right charging cable must be connected to the right Ethernet port. Crossing these cables will prevent the station from functioning correctly and is a common cause of initialization and communication errors.

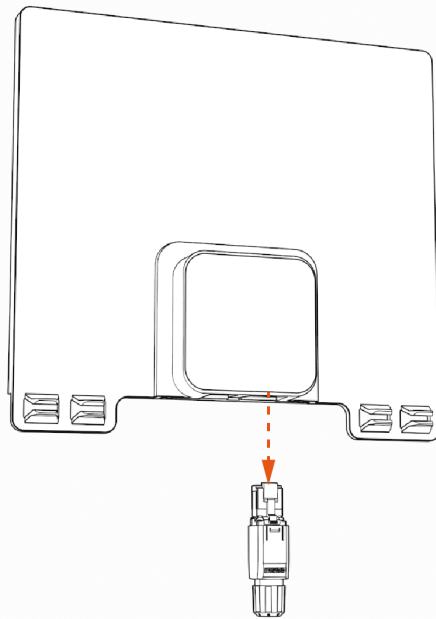
Assemble the Station

To assemble the station, complete the following steps.

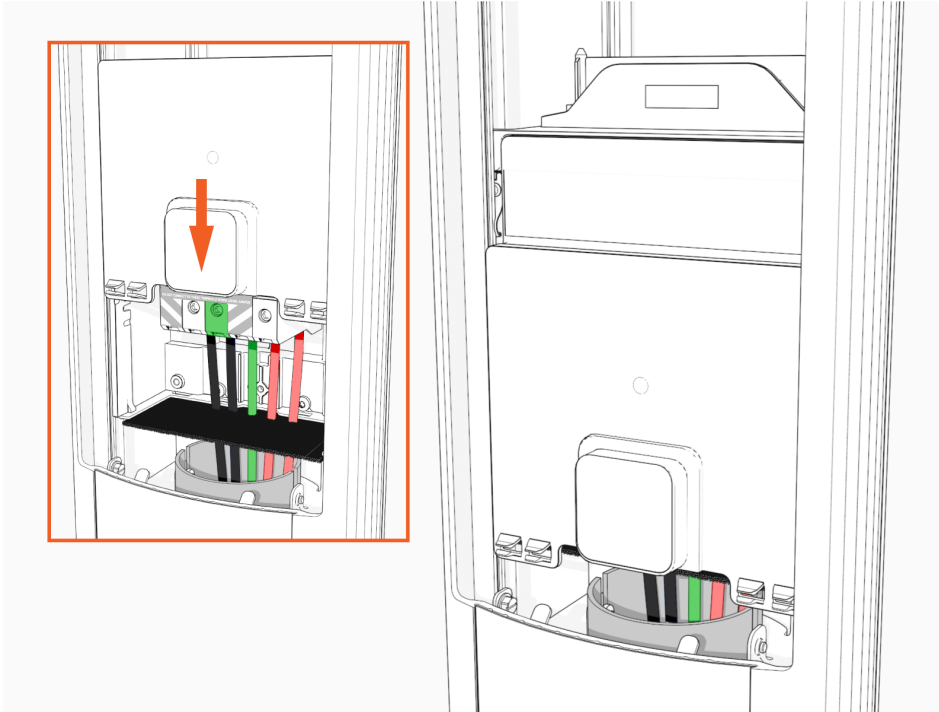
Connect the Head Assembly

Perform the following steps to connect the head assembly:

1. If you are setting the CP6000 charging station up to connect to a local Ethernet network, remove the RJ45 Ethernet connector from the Ethernet module in the kit.
If you are not setting up Ethernet capability, skip to step 2.

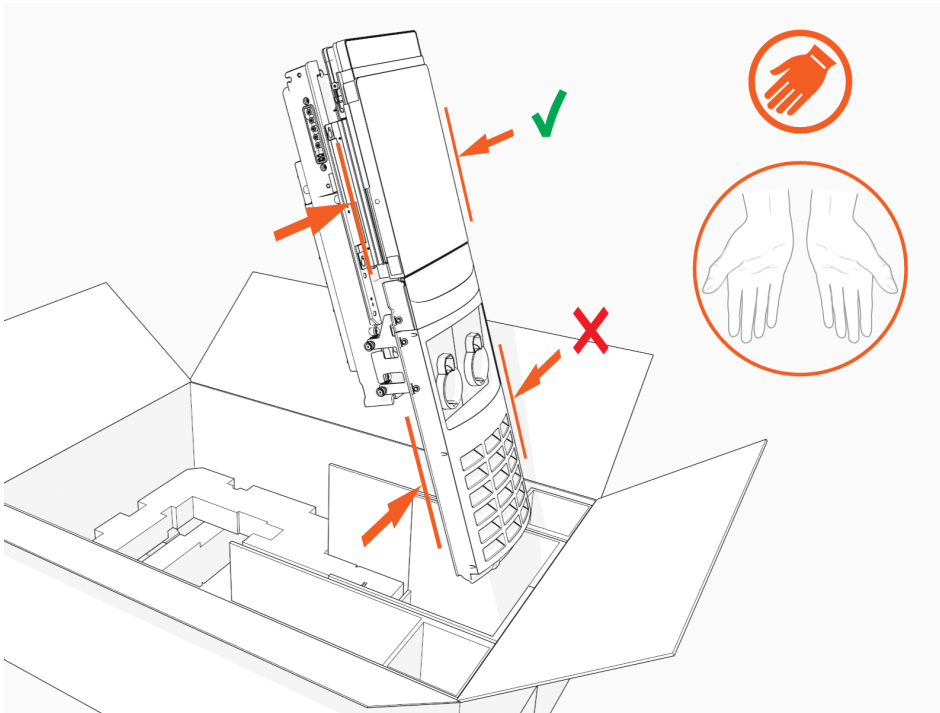


2. Lower the power plate cover or the Ethernet module, if applicable, into the pedestal housing.



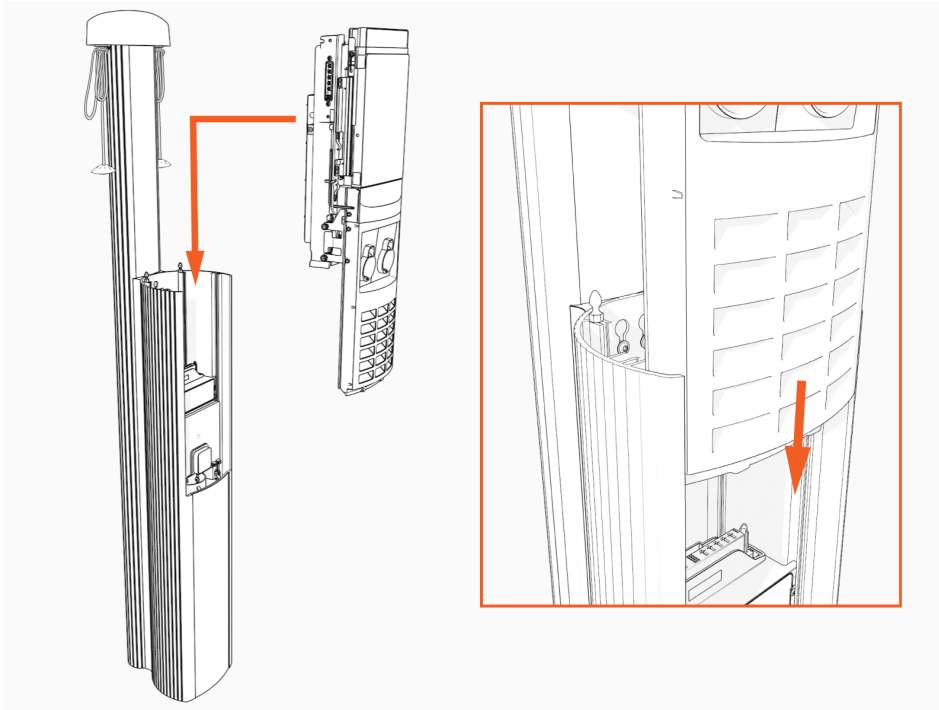
3. Open the head assembly package.

4. Remove the head assembly from the packaging.



IMPORTANT: Hold the metal castings on the sides of the head assembly, not the plastic front cover, to avoid damaging the front cover.

5. Align the rails on the head assembly with the pedestal and slide it into the pedestal housing.



The head assembly rests on the L-wrench connected to the side of the assembly.

6. Install the SIM card (stations being installed in Canada only).

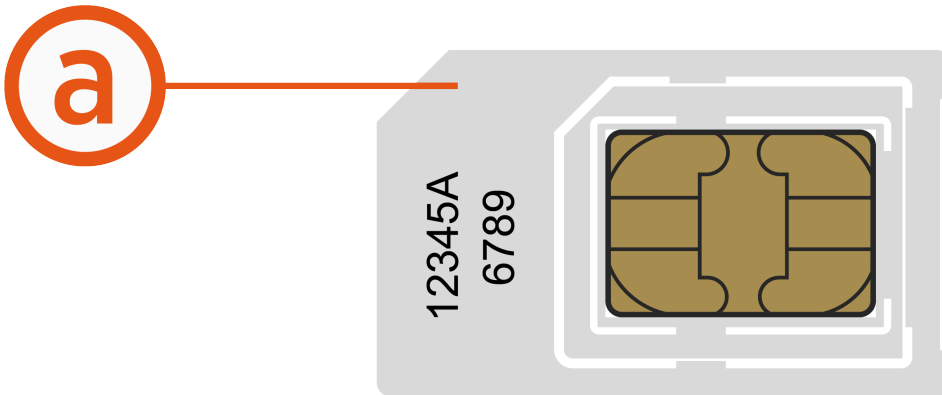
The CP6000 includes two separate SIM cards – an embedded eSIM and a SIM slot that allows for swapping. This SIM slot supports physical SIM cards. An additional SIM card is taped to the head assembly. This SIM card is provided to increase coverage in **Canada**.

For Installations Located in Canada Only: Follow the next three steps to replace the pre-installed SIM card with the one taped to the station head unit.

For Installations Located in the United States : Discard this additional SIM card.



IMPORTANT: If the additional SIM card is multi-punch or break-apart, as in the example below, then make sure that you punch out the size matching the SIM being replaced in the unit. CP6000 uses Mini SIM (2FF).

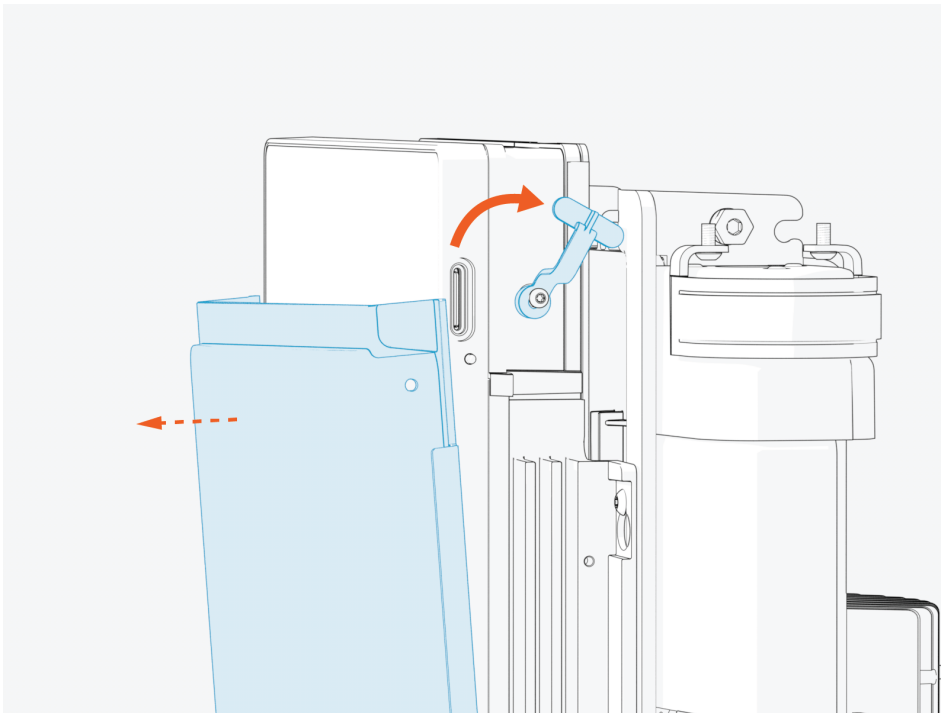


(a) Mini SIM (2 FF)



NOTE: The size and form of a physical SIM is known as its form factor (FF). SIMs come in a range of standard removable sizes ranging from 1 FF to 4 FF.

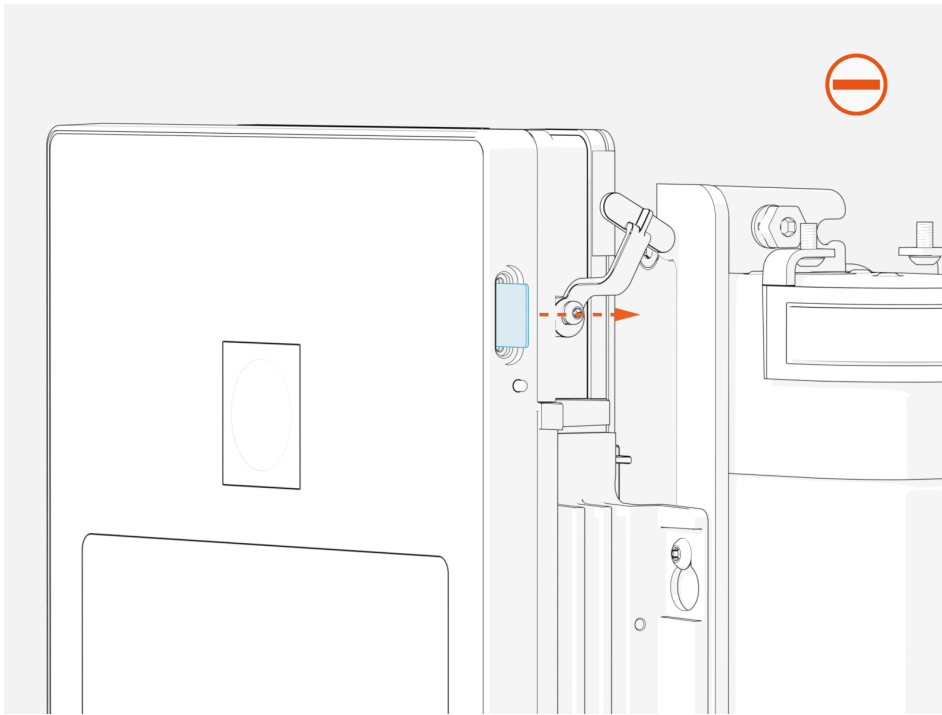
- a. Gently pull the top right corner of the screen-cover until the SIM-compartment can be reached, and rotate the SIM cover to access the SIM card.



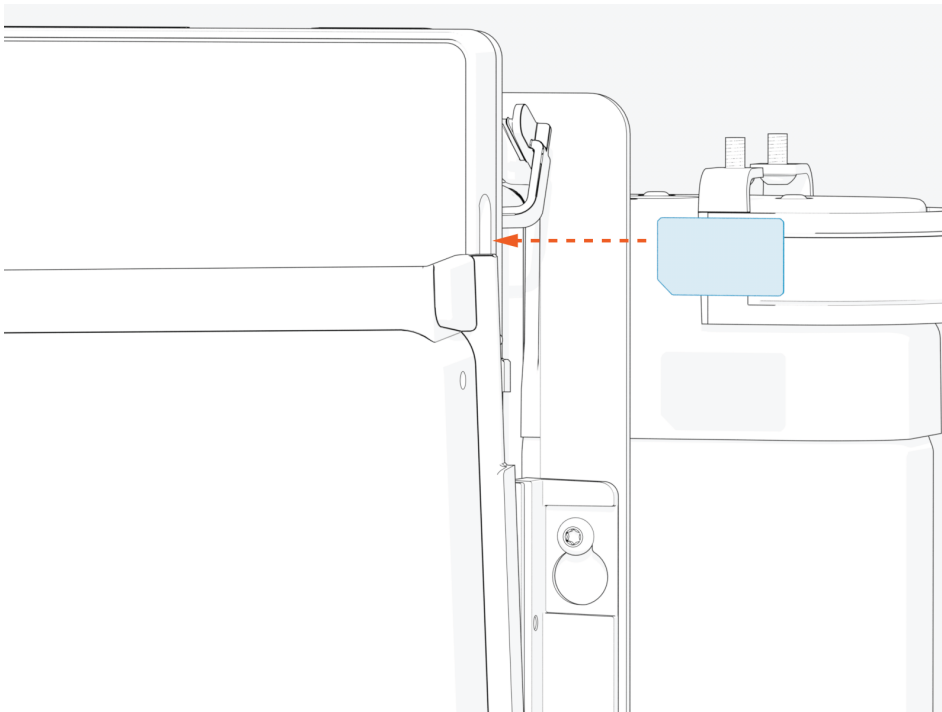
- a. Gently PUSH the existing SIM card with a flat-head screwdriver to eject the SIM card from its slot.



IMPORTANT: Make sure not to drop the SIM card in the base of the station.



- a. Insert the additional SIM card with proper orientation and reverse the previous two steps to complete the replacement.

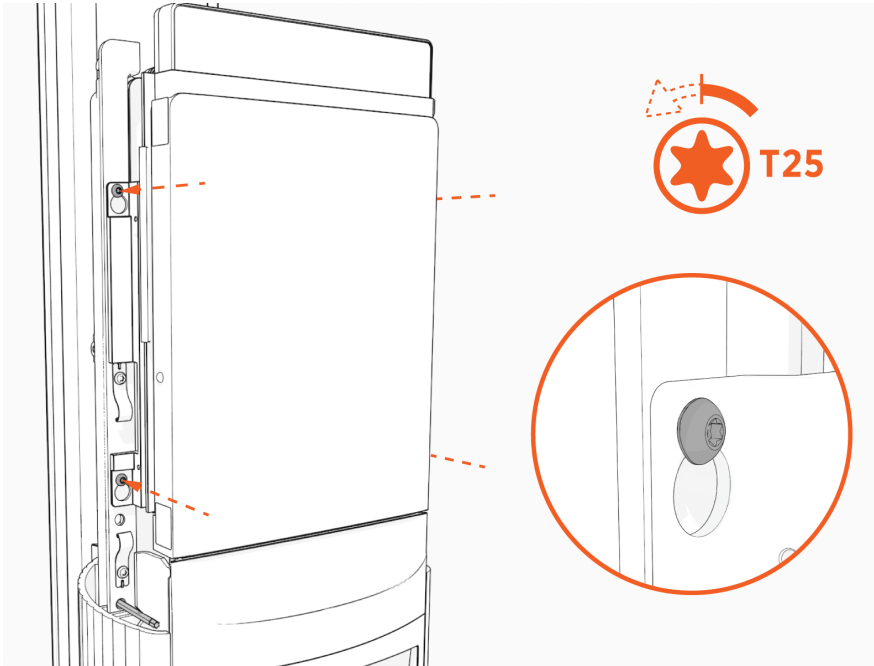


7. If you are installing the Ethernet module, visit [Install the USB to Ethernet Module](#) before continuing.

8. Loosen, but do not remove, the screws that secure the Control and Communications Unit (CCOM) to the head assembly.

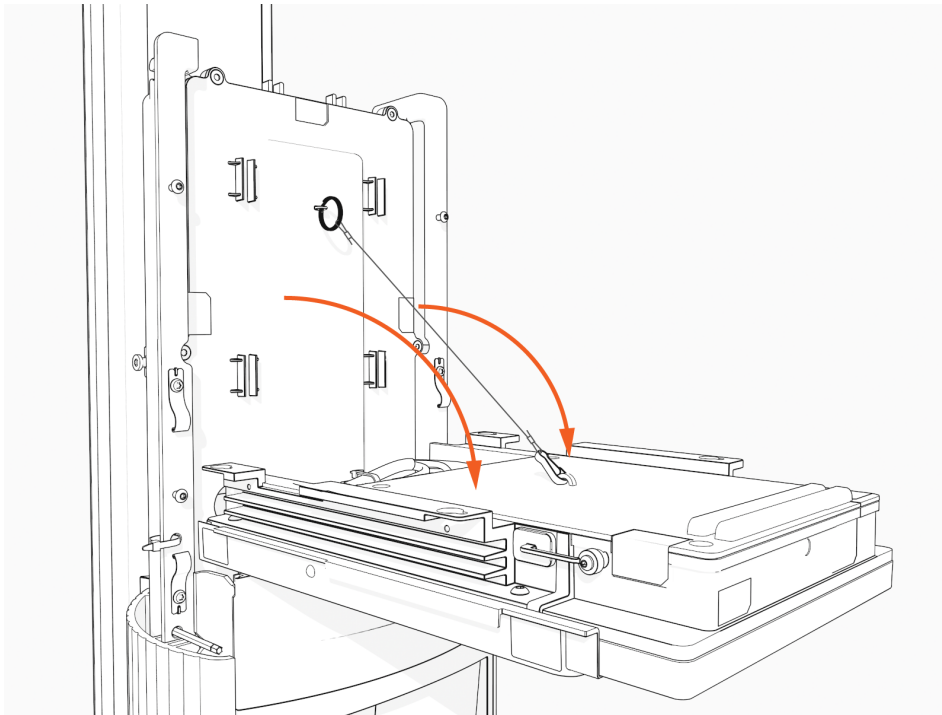


IMPORTANT: Some variants of CP6000 are shipped with cables pre-installed to the head unit. If your variant has the cables pre-installed, directly go to the step that details how to Remove the L-wrench.



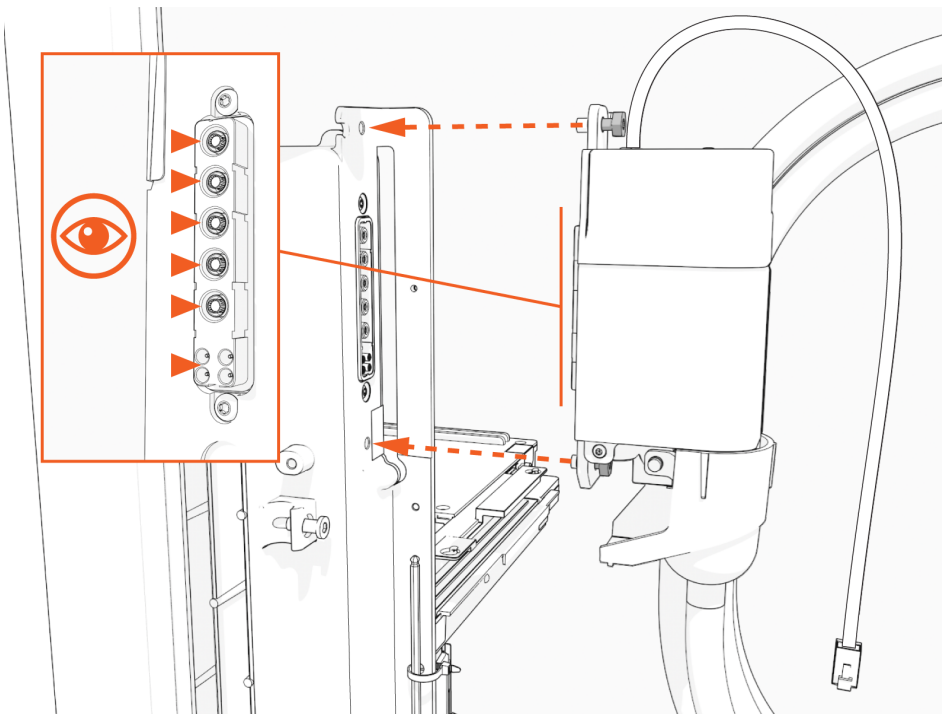
9. Lift the CCOM up and tilt it away from the head assembly.

The bottom edge of the CCOM rests on the upper edge of the holster assembly.

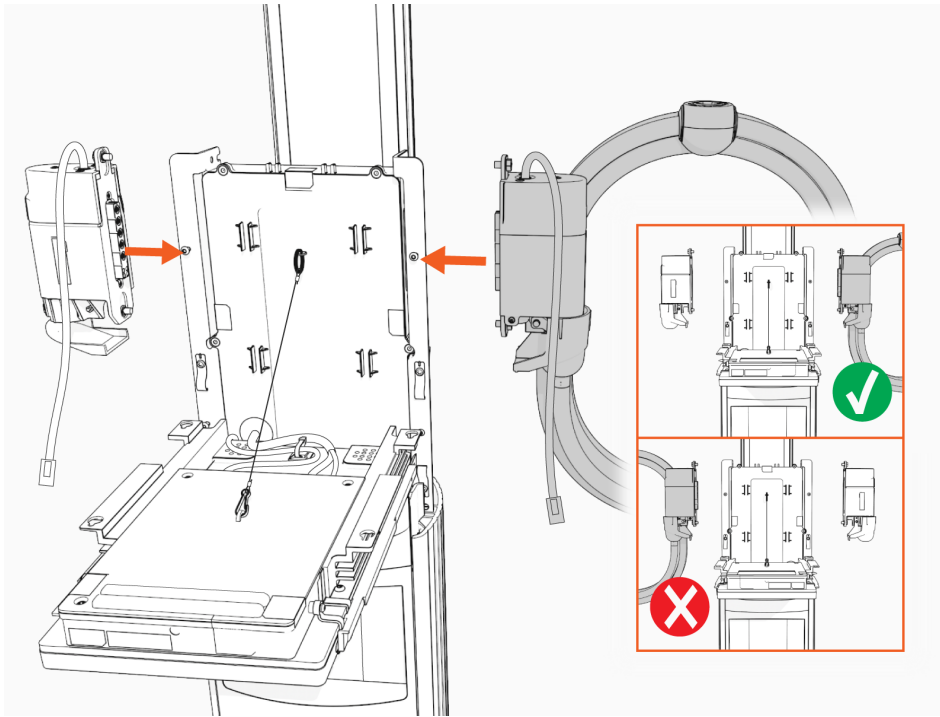


10. Ensure there is no visible damage to the connector pins.

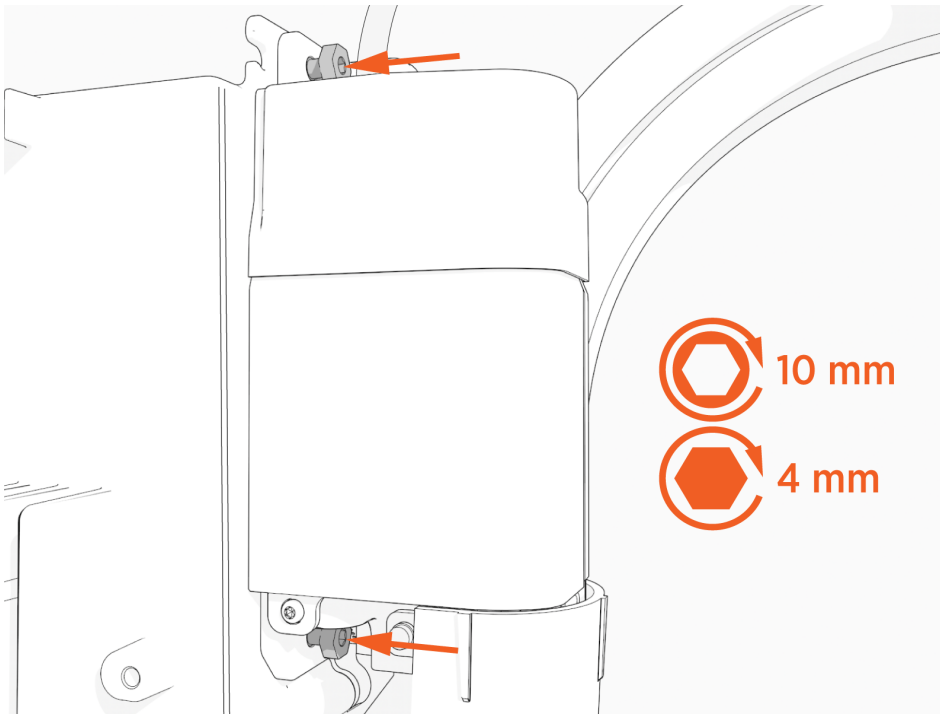
Attach the smart cable by partially engaging one screw and then partially engaging the second screw.



11. On single port stations, attach the smart cable to the **right** side as you are facing the charging station. Connect the blank connector to the left side.



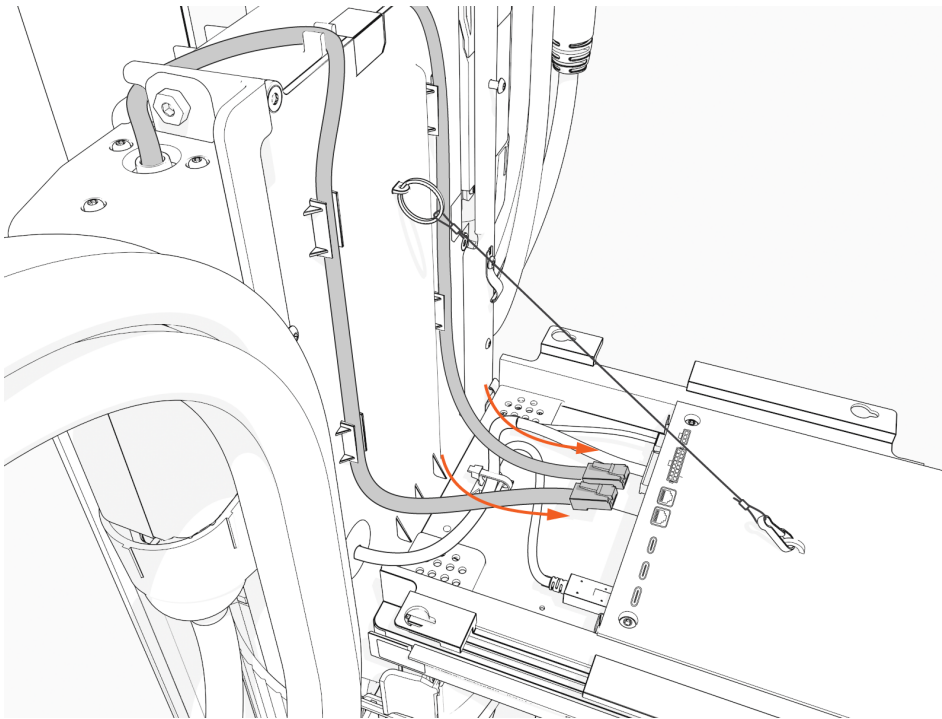
12. Torque both the top and bottom screws to 1.1 Nm (10 in-lb) to secure the smart cable.



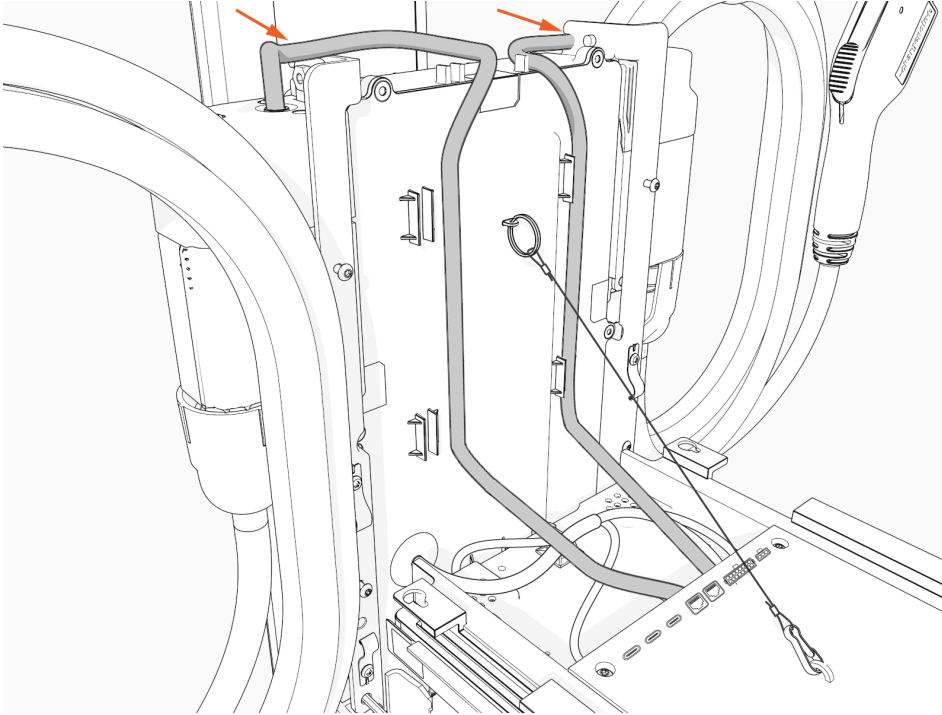
13. Connect the RJ45 Ethernet cables from the smart cable assembly to the bottom of the CCOM.



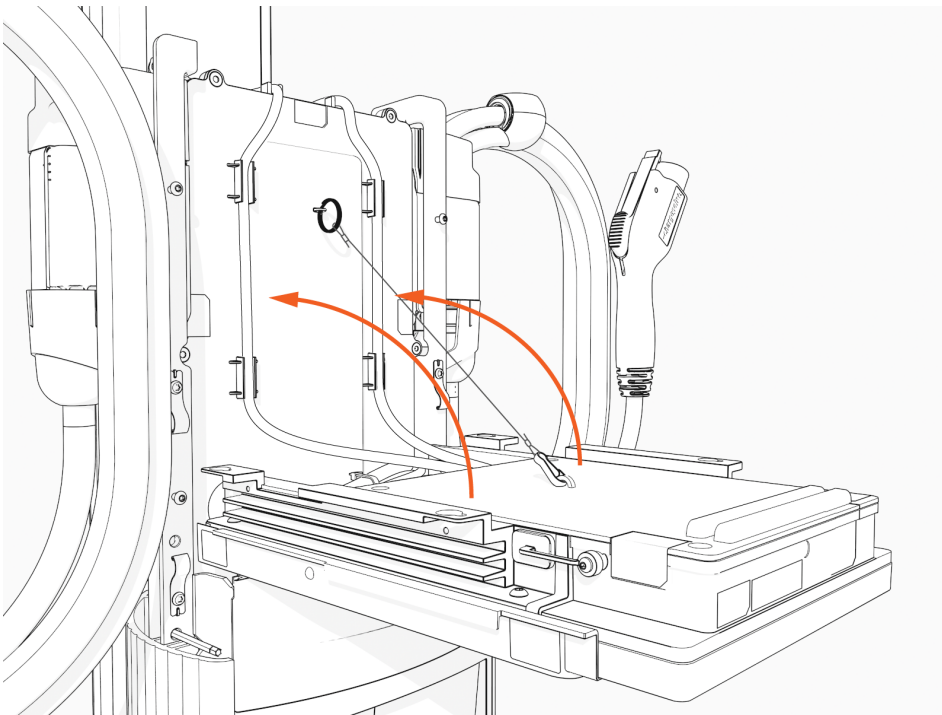
IMPORTANT: Connect the Ethernet cable from the left charging cable to the left Ethernet port. Connect the Ethernet cable from the right charging cable to the right Ethernet port. The charging station will not work if the cables are connected to the wrong ports.



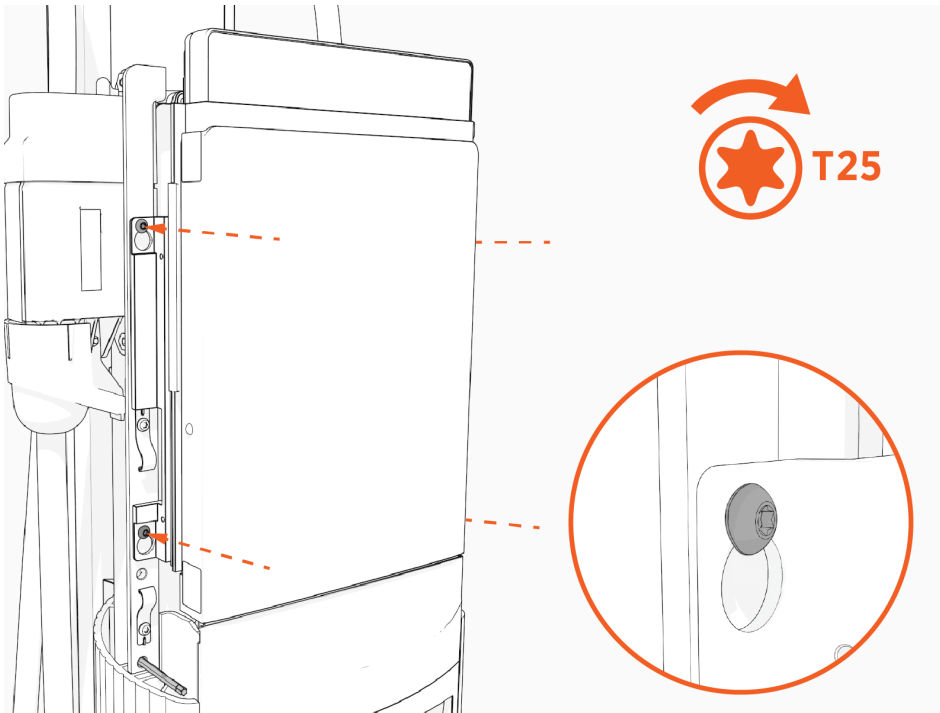
14. Slide the RJ45 Ethernet cables into the slots.



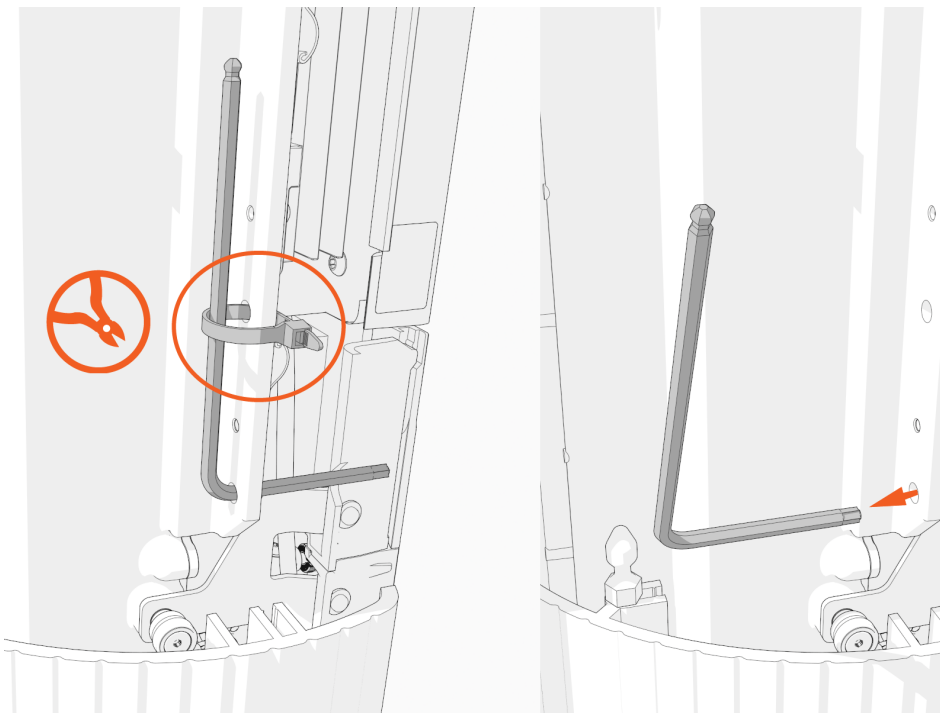
15. Raise the CCOM and slide it into place on the head assembly.



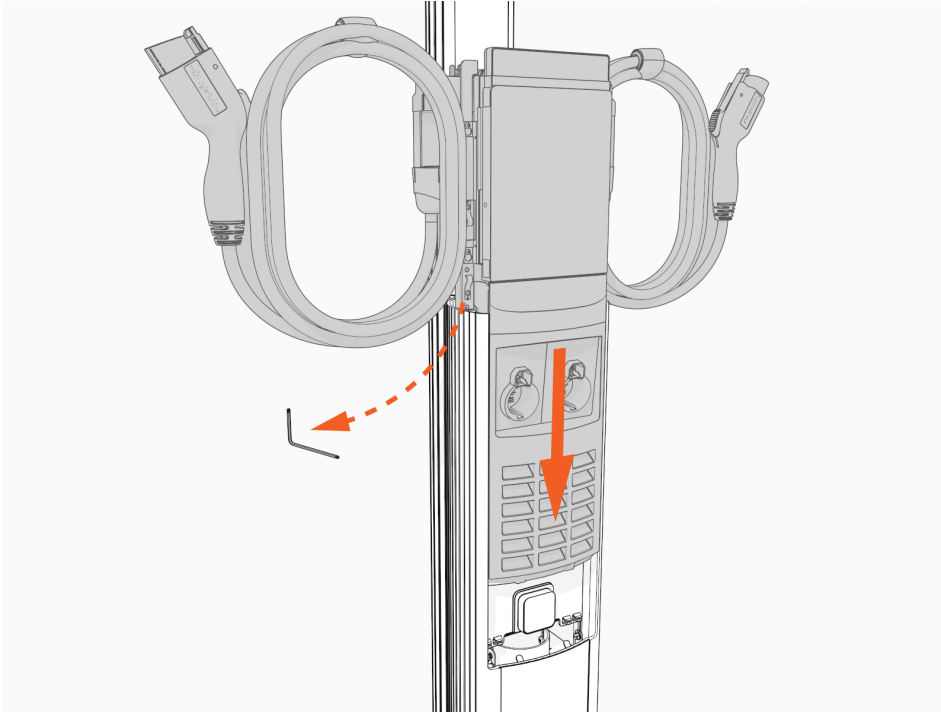
16. Torque the screws to 1.7 Nm (15 in-lb) to secure the CCOM.



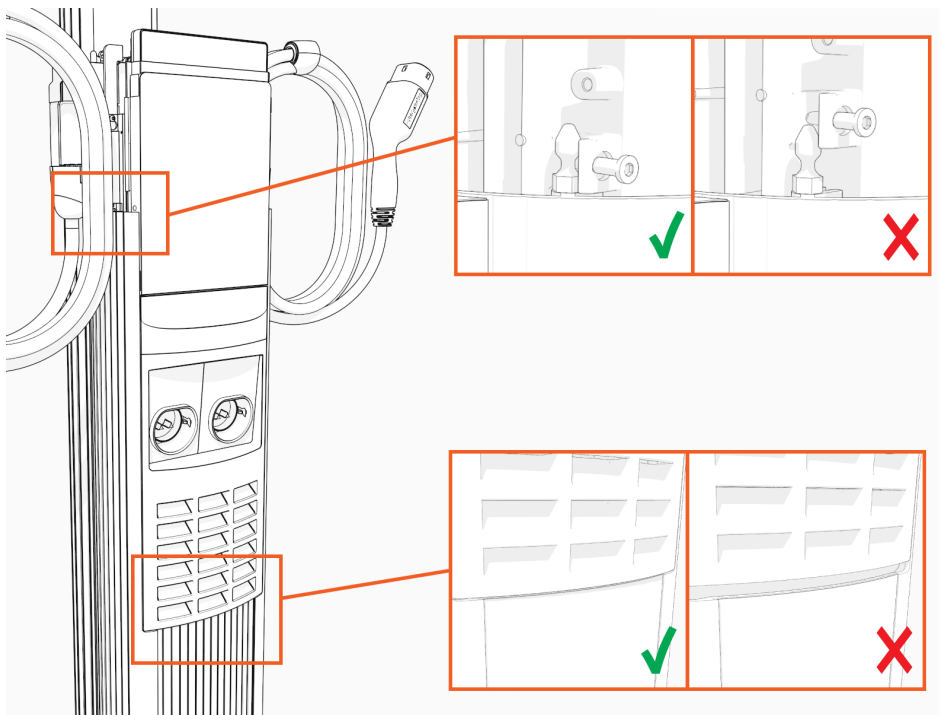
17. Remove the L-wrench.



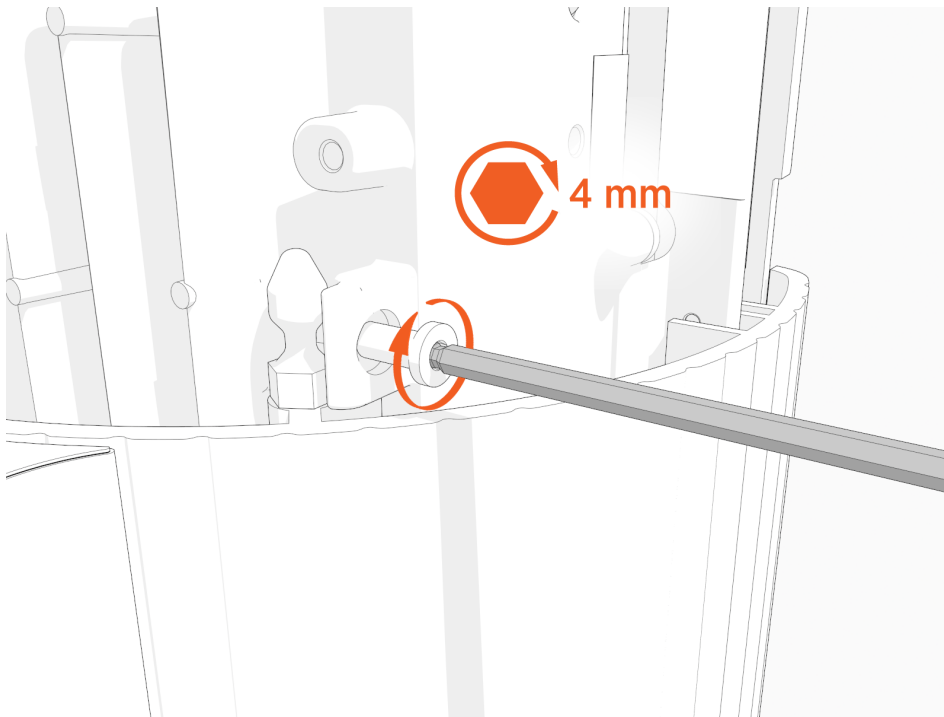
18. Slide the head assembly all the way into the pedestal housing.



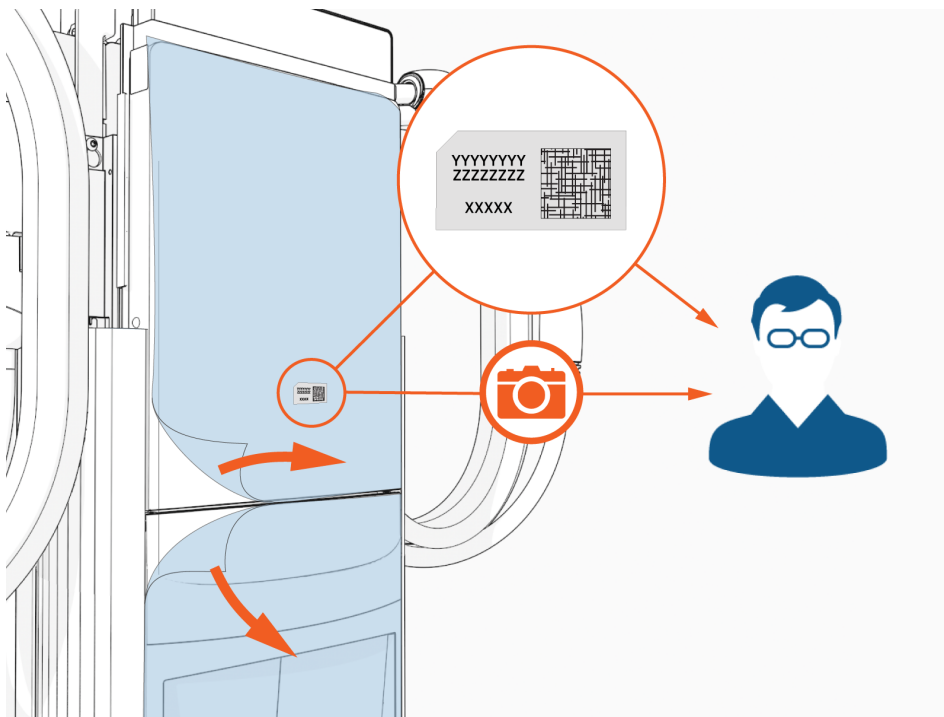
19. Ensure the head assembly is fully seated.



20. Using the L-wrench, tighten two screws.



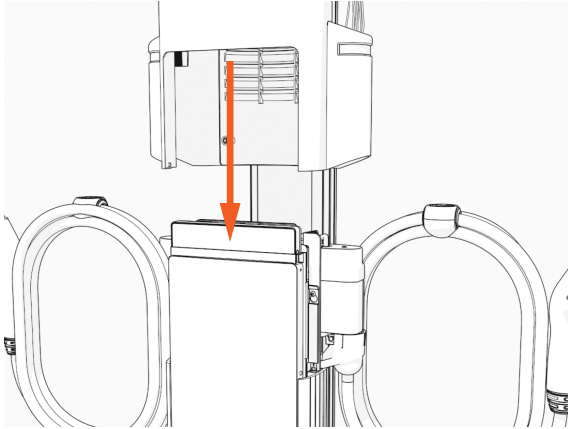
21. Take a picture of the activation label, remove the protective film, and give the protective film with the label to the station owner.



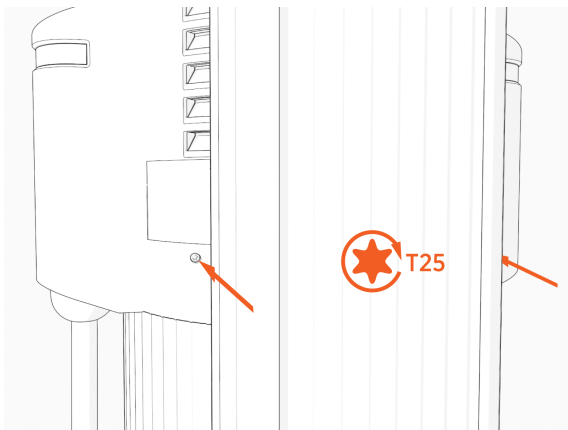
Install the Top Cap

Perform the following steps to install the top cap:

1. Slide the top cap onto the head assembly, adjusting as necessary to clear the charging cables, until it fits into place.



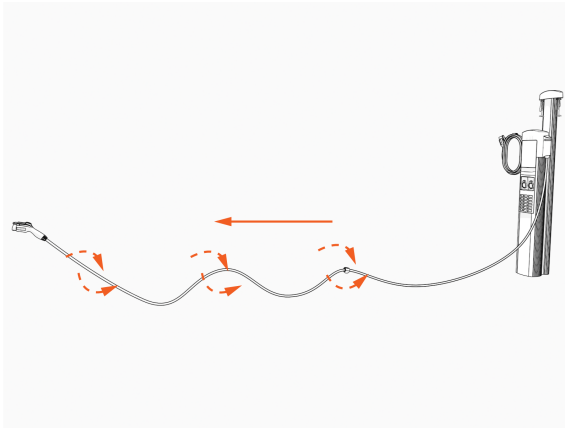
2. Torque two captive screws to **1.1 Nm (10 in-lb)**.



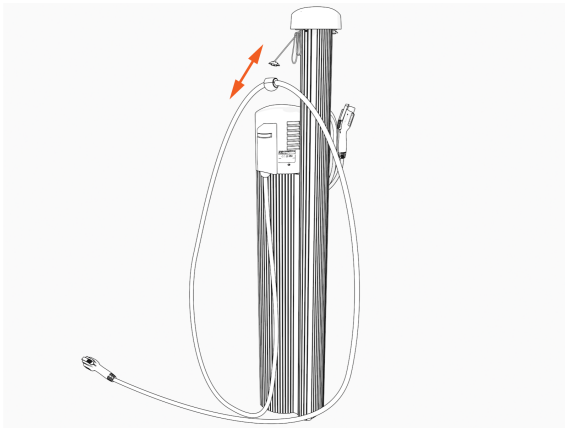
Install Cable Clamps

Perform the following steps to install the cable clamps:

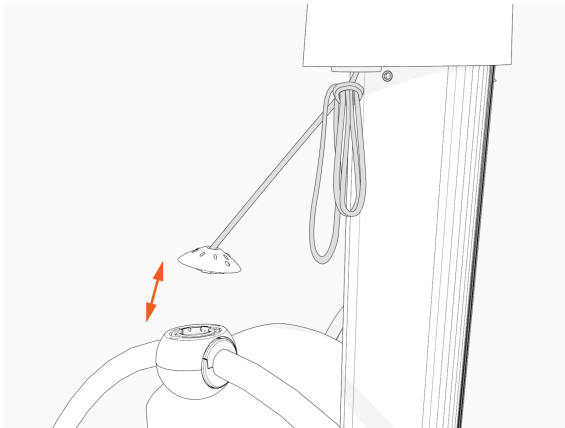
1. Uncoil the charging cable by gently extending it all the way out and away from the station. Rotate the plug as needed to remove any twist or kinks.



2. Position the charging cable near the base of the station.



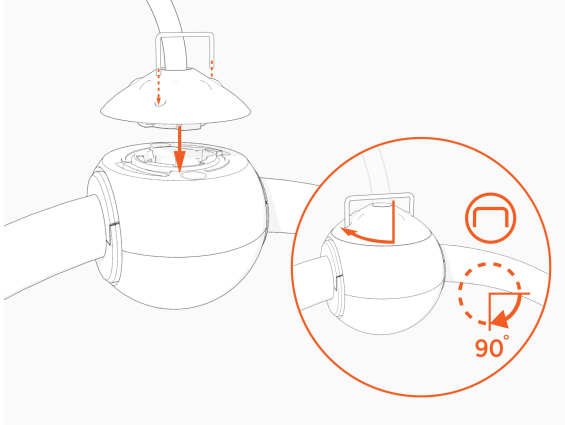
3. Align the knot bearing on each rope to its corresponding mating feature on the cable clamp.



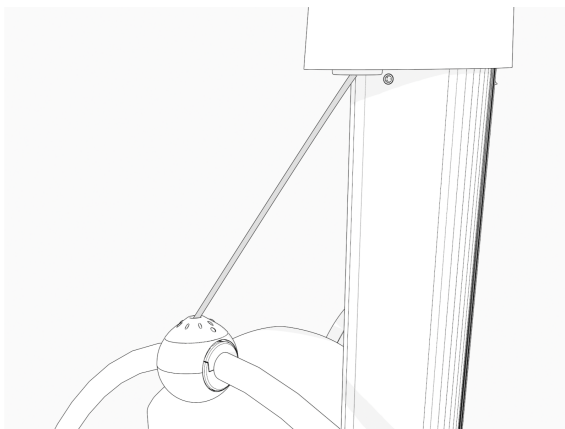
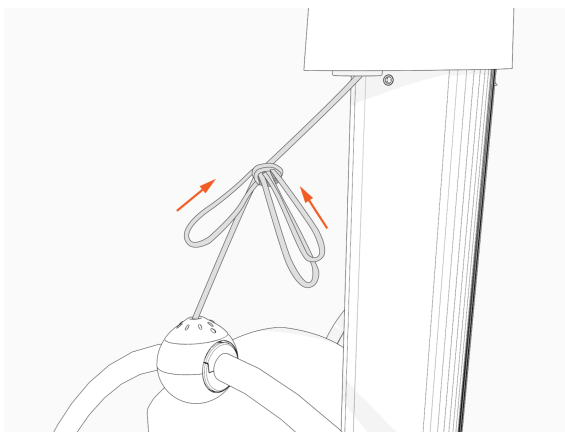
- Using tool provided, turn the knot bearing clockwise approximately 1/4 turn. You may need to push down while turning the knot bearing.



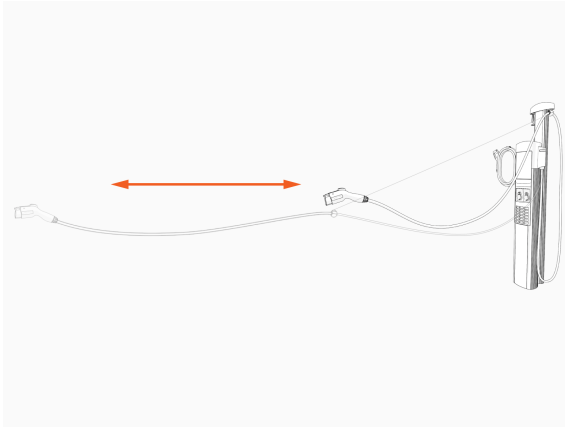
IMPORTANT: Ensure no gap exists between the top cap and the ball.



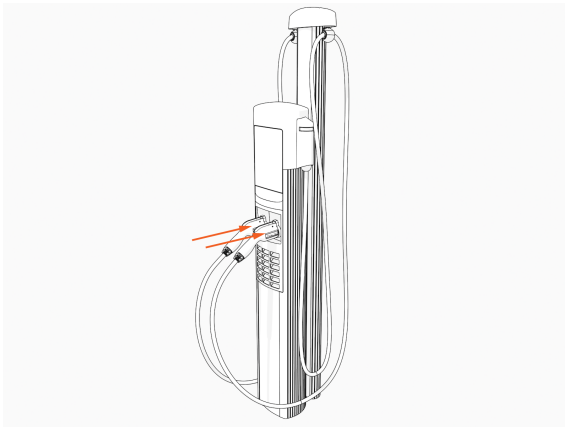
- Untie the knot near the top of the CMK.



6. Check that the charging cable extends and retracts fully and smoothly.



7. Insert the charging cables into their corresponding holsters.



Complete Station Setup

Required Tools and Materials



Smartphone with Internet connectivity



ChargePoint Installer app



Exact location of stations or units, including parking space



ChargePoint installer login credentials

To complete the setup, you must have completed the ChargePoint Installer training and received your ChargePoint Installer login.



NOTE: Before proceeding with station activation, refer to the *Network Readiness Guide* available at [ChargePoint Product Reference Documentation](#) for Ethernet and Wi-Fi configuration procedures in the Installer app, minimum firmware version requirements, network qualification criteria, and post-installation connectivity troubleshooting and debugging guidance. Ensure all connectivity requirements have been verified and any network-related issues have been resolved before activating the charging station.

Power Up

Power up the station at the breaker panel. If the station does not power up, turn power back off and check that the head assembly is fully seated into the housing.

Installation Wizard

When you power up the charging station, the on-screen Installation Wizard runs. The wizard verifies operation of the station and performs basic setup tasks.



IMPORTANT: Pinpointing allows drivers to quickly locate the charging station on a map. Ensure you accurately pinpoint the charging station when prompted by the Installation Wizard.

The Installation Wizard includes these tasks:

- Set a language for the Installation Wizard.



NOTE: This does not permanently affect the station's display language. Choose the language most convenient to you.

- Configure power
- Check for faults

- Test network connectivity
- Complete the post-installation checklist

Replace Station Hardware Using the Installer App

Use the Replace Stations workflow in the ChargePoint Installer app to associate the new CP6000 with the existing CT4000 station record. This flow preserves compatible station settings, historical associations, and cloud plan continuity.



IMPORTANT: Do not register the CP6000 as a new standalone installation. Using a standalone install instead of the replacement flow will break the link to the CT4000's configuration history, cloud plan, and service record.

Open the ChargePoint Installer app on your smartphone and follow the instructions below:

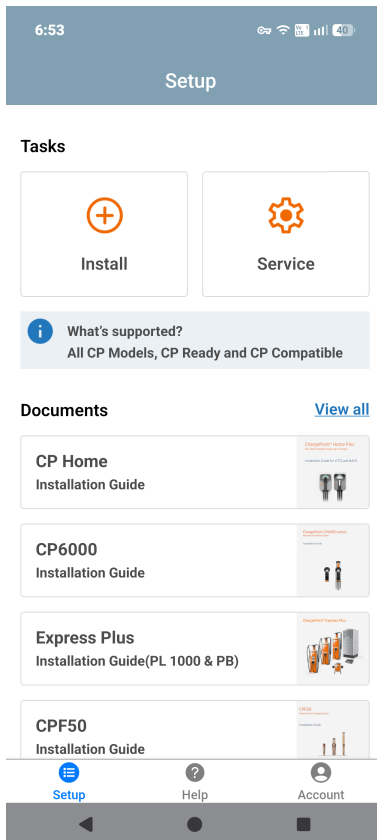
1. If you do not already have the Installer app, scan the QR code to download the app.



2. Log in or register using the ChargePoint Installer app on your smartphone.



IMPORTANT: If cellular connectivity is unavailable, the Installer app automatically switches to Offline Mode for Ethernet configuration. Automatic switching occurs only if the Installer app was launched and logged in while online. If Offline Mode does not start automatically, you can enable it manually using the Force Offline Mode option in the Account section or by turning on Flight Mode.



3. Tap on **Install** and select **Replace Stations**.
4. Scan the QR code on the old CT4000. If the QR code is damaged or inaccessible, tap **Enter manually** and type the CT4000 MAC address.
5. Scan the QR code on the new CP6000. If the QR code is unavailable, tap **Enter manually** and type the CP6000 MAC address and activation password.
6. Wait while the Installer app verifies replacement compatibility. No user input is required during this step.

7. Complete the onscreen Installation Wizard presented by the app. For CT4000-to-CP6000 upgrade, confirm the following values match the site electrical design and any constraints that applied to the original CT4000.
 - a. Number of input cables
 - b. Single-phase or three-phase configuration
 - c. Upstream breaker size
 - d. Any port output limitation due to site restrictions
 - e. Circuit sharing enabled or disabled
 - f. Whether a power jumper is installed and which type
 - g. Exact station location and a location photo.



IMPORTANT: Power-select related settings from the CT4000 must be carried over to the CP6000. For example, if the CT4000 was limited to 30 A on a 40 A breaker, the CP6000 must be configured to match the same site constraint.

8. After all setup requirements are completed, tap **Complete Replacement**.
9. Verify that the confirmation screen appears, indicating the replacement has been completed successfully. If the confirmation screen does not appear or an error is displayed, contact ChargePoint Support before retrying.

Update System Software



NOTE: For some install programs, ChargePoint support must update the station software before the installer can continue with final configuration and pinpointing. If the station is on old firmware, do not assume setup issues are wiring-related.

1. Confirm the CP6000 is powered on and boots correctly.
2. Go to chargepoint.com/support and contact technical support using the appropriate region-specific phone number to request a station software update.
3. Remain on standby while ChargePoint support pushes the update. Do not power-cycle the station or proceed with configuration during the update.
4. Confirm with ChargePoint support that the update has completed successfully.
5. Resume configuration only after the software update has been confirmed.



IMPORTANT: Do not proceed to the next section until ChargePoint support has confirmed the software update is complete.

Station Activation



NOTE: All ChargePoint stations are networked stations and are sold alongside a software cloud plan per port. In order for the station to function, the station owner is responsible for coordinating the activation of their station's software with ChargePoint.



NOTE: Activation consists of pairing the station with their software purchase as well as the station owner's organization. The station owner then decides what policies to assign to a station (name, pricing, access control, advanced features).

As the installer, your role is to support this process by providing the station owner with the required station identification information. Before leaving the site, give the station owner a list of all installed station serial numbers and/or MAC addresses and inform them that activation is required before the station can be used.

If station owner has additional questions, you can refer them to ChargePoint Support at chargepoint.com/support.

Start a Charging Session

Once the Installation Wizard or Installer app setup is complete, use the app to start a test session. Verify that you can:

- Initiate a charging session.
- Unlock the holster and pull out the charge handle.
- For Omni Port stations, toggle the J1772 and NACS connector and remove the charge cable handle.
- Plug the handle into the emulator (if available).
- Holster the handle
- Verify that the handle is locked again

Replacement of Omni Port Holster

Perform this section only if the scope of the replacement includes an Omni Port holster conversion.

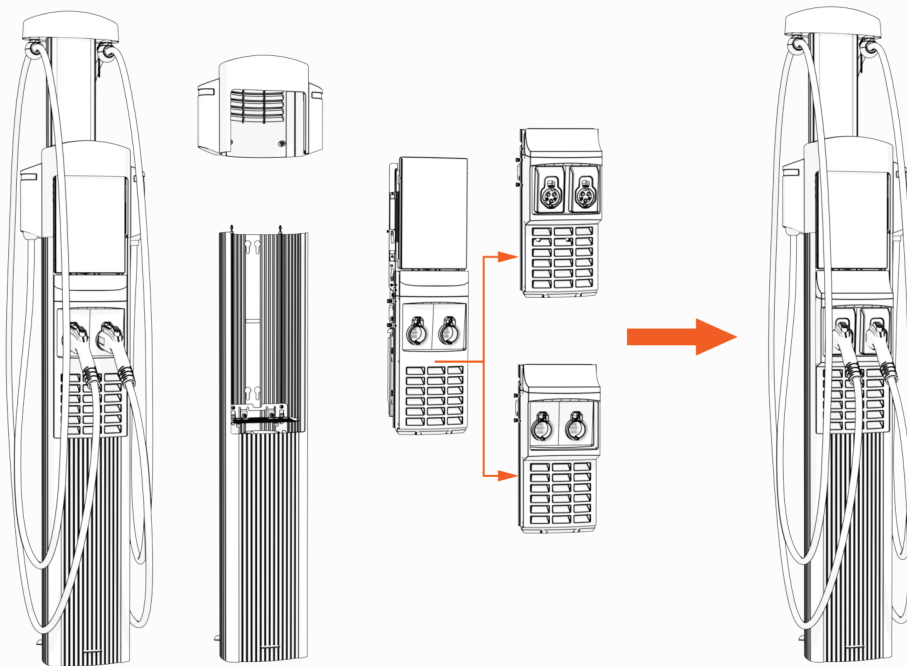


IMPORTANT: If Omni Port replacement is part of the same visit, capture before-and-after photos and ensure the final validation includes port functionality, connector handling, and any payment or authorization hardware behavior applicable to the station model.

This section contains the following information:

[Replace a Standard Holster](#)

[Replace an Existing Omni Port Holster](#)



IMPORTANT: Ensure you have the most current version of ChargePoint software before replacing the charging port. To see the software version, view the **Station Property** page or select **About** on the **User Interface Settings** menu. For assistance, go to chargepoint.com/support and contact technical support using the appropriate region-specific number.

Required Tools and Materials



Torx screwdriver (T25)



4 mm hex wrench



Padded surface



NOTE: The replacement kit includes an L-wrench with a T25 driver on one end and a 4 mm hex fitting on the other end.



IMPORTANT: The charging station with the faulty part must have an Activated status.



NOTE: These charging stations are available in several configurations. The images in this guide might not match your station exactly; however, the installation steps are the same unless otherwise noted.

Replace a Standard Holster

If the CP6000 has a standard holster, follow the instructions in this section to replace the current holster frame with a new Omni Port holster frame assembly.

Remove the Charging Cables

To remove the Charging Cables, perform the following steps:

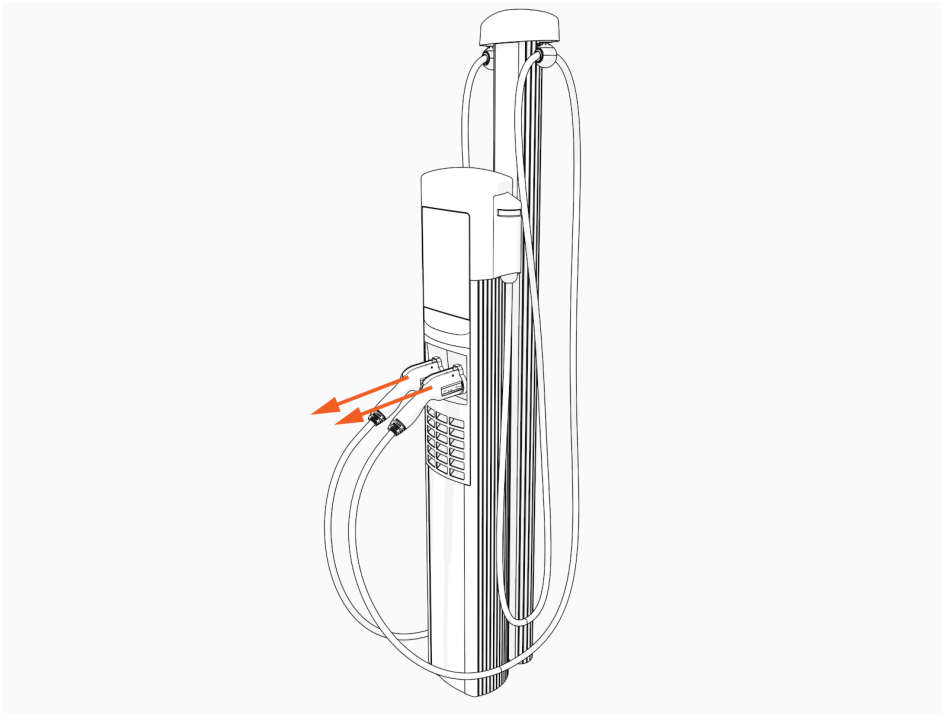
1. Use your ChargePoint card or the mobile app to wake the station up.



IMPORTANT: If the station does not have power, contact the station owner to learn when power will be available and discuss appropriate next steps.

If you do not have a ChargePoint account, go to chargepoint.com/support, find your region's technical support number, and contact ChargePoint Support.

2. Unlock the charging cables and set them down gently.



3. Disconnect the power to the CP6000 at the service panel.

DANGER: RISK OF SHOCK



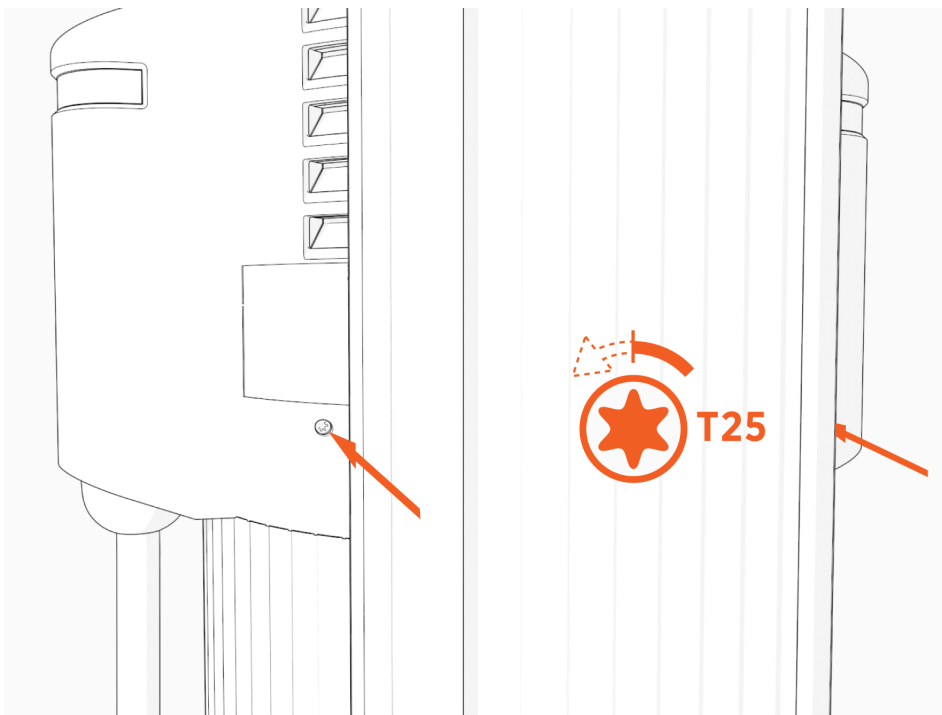
- Before any procedure, the technician must disconnect the power.
- Follow local code to de-energize the applicable circuit and lock out/tag out the disconnect before proceeding. Use a multimeter to test that power is off.
- Keep power off until the top cap is correctly reinstalled and the work is complete.

FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN SERIOUS INJURY, LOSS OF LIFE, OR PROPERTY DAMAGE.

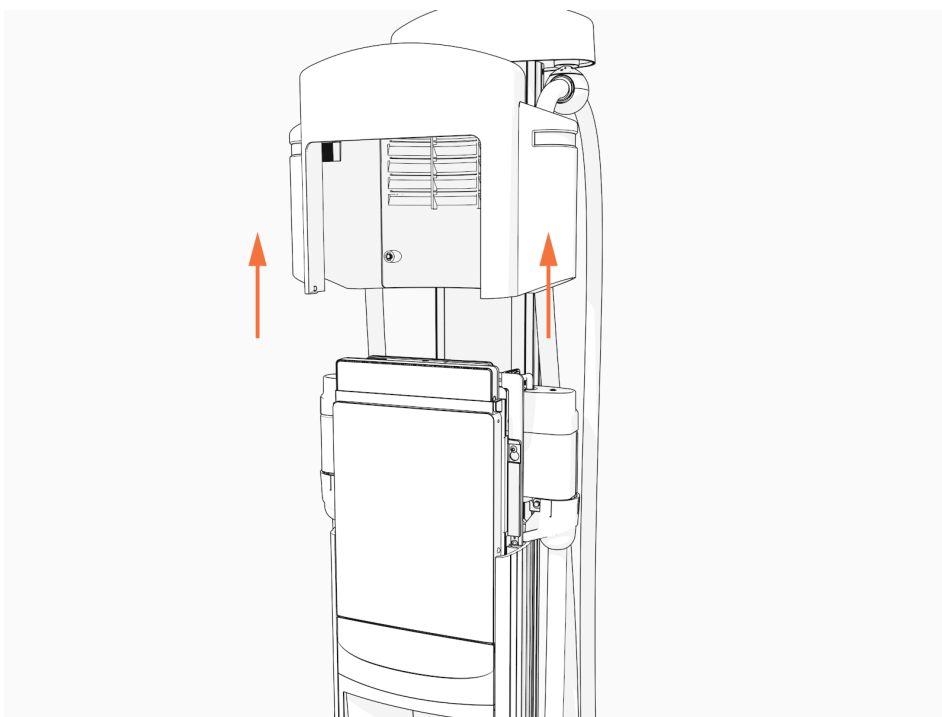
Remove the Head Assembly

To remove the Head Assembly, perform the following steps:

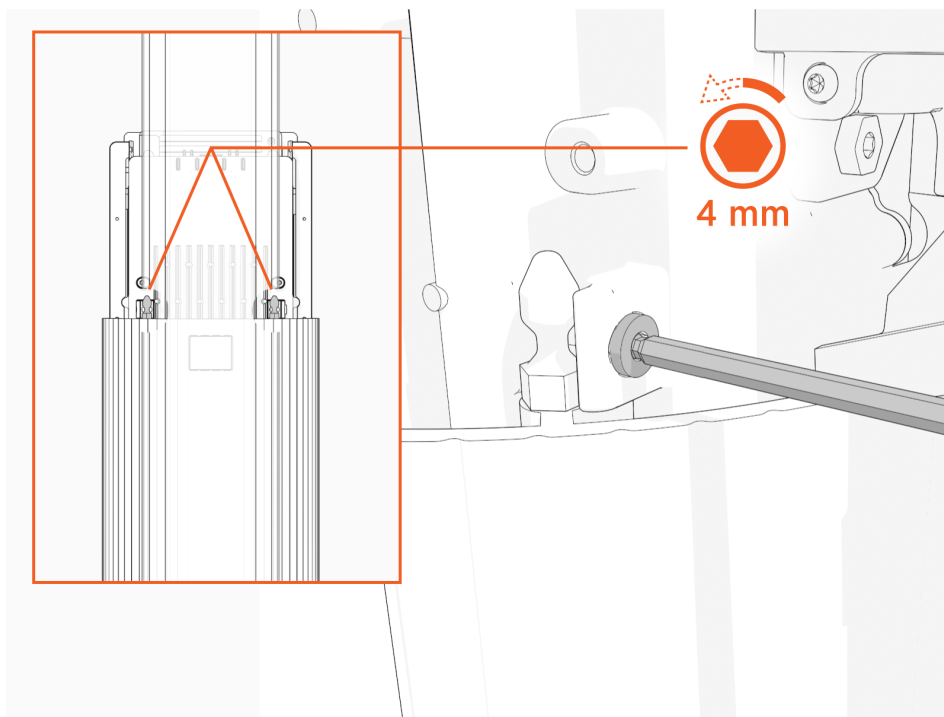
1. Use the L-wrench to loosen two captive screws securing the top cap.



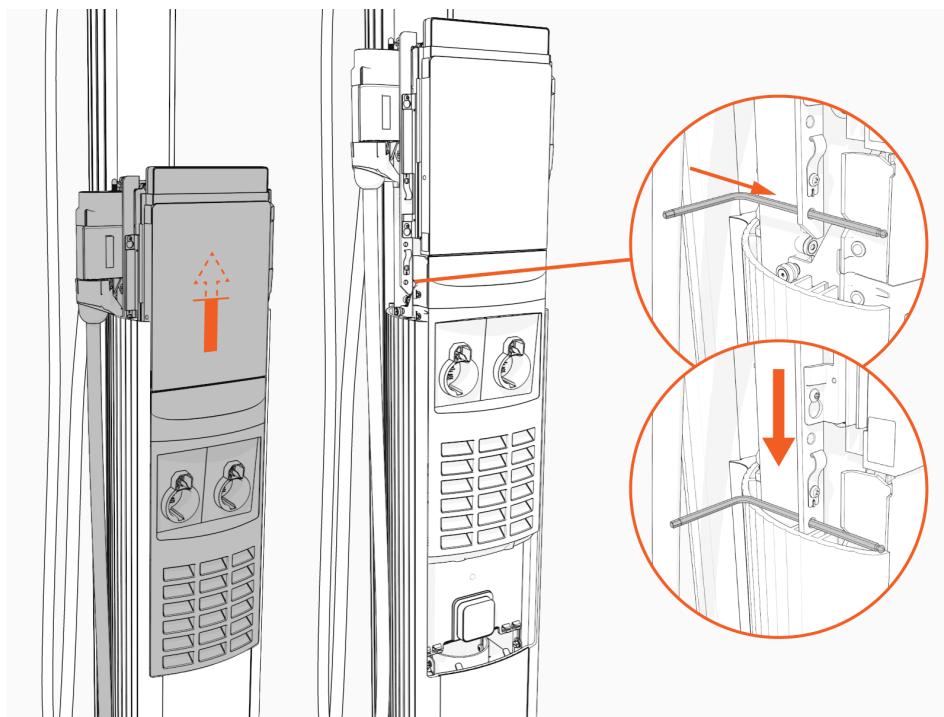
2. Remove the top cap.



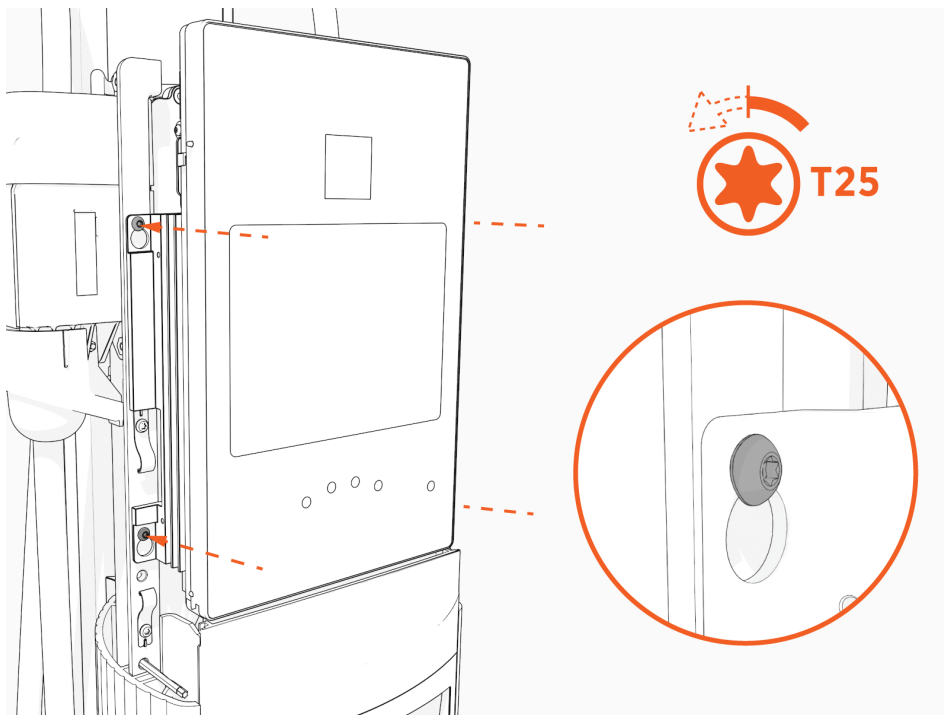
3. Use the L-wrench to loosen, but do not remove, the screws securing the head assembly.



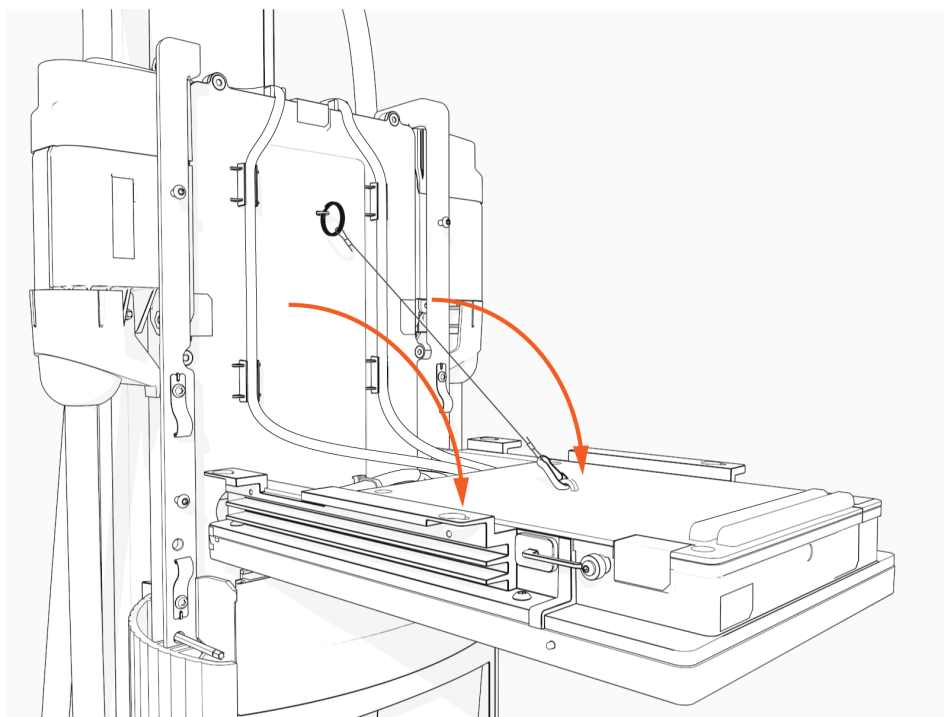
4. Lift head assembly. Insert an L-wrench or a screwdriver through the hole on the side of the head assembly to hold the head assembly in the raised position.



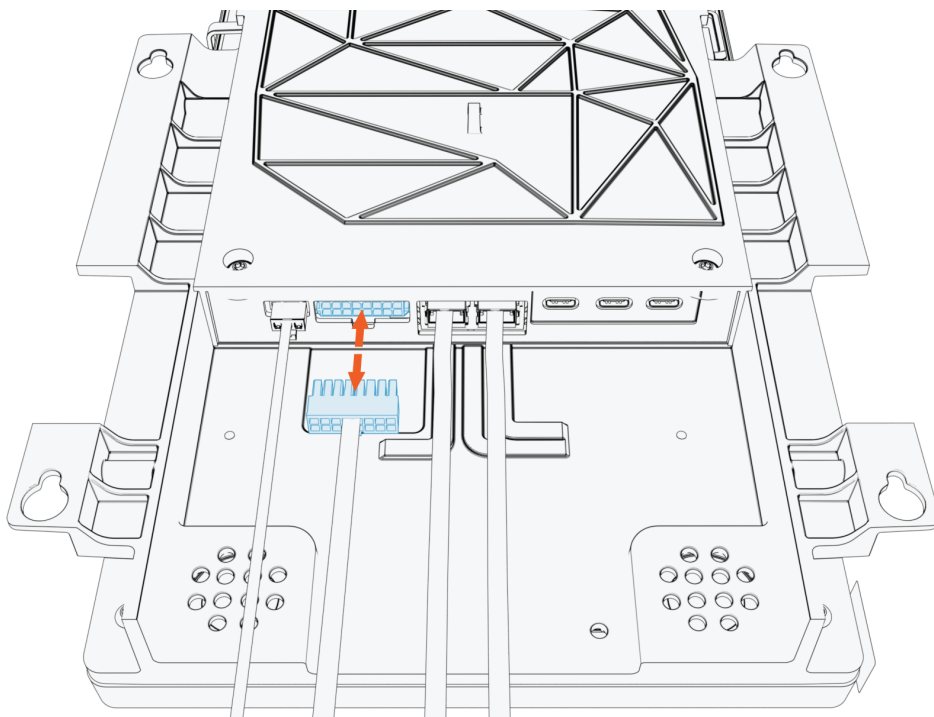
5. Loosen, but do not remove, the screws that secure the Control and Communication Module (CCOM) to the head assembly.



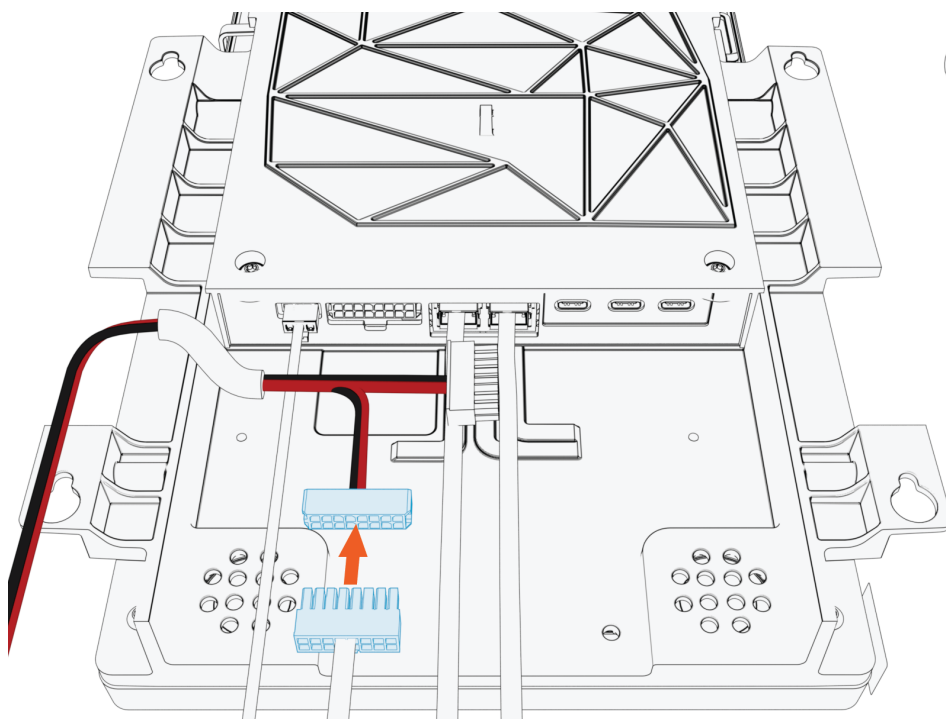
6. Lift the CCOM up and tilt it away from the head assembly.
The bottom edge of the CCOM rests on the upper edge of the holster assembly.



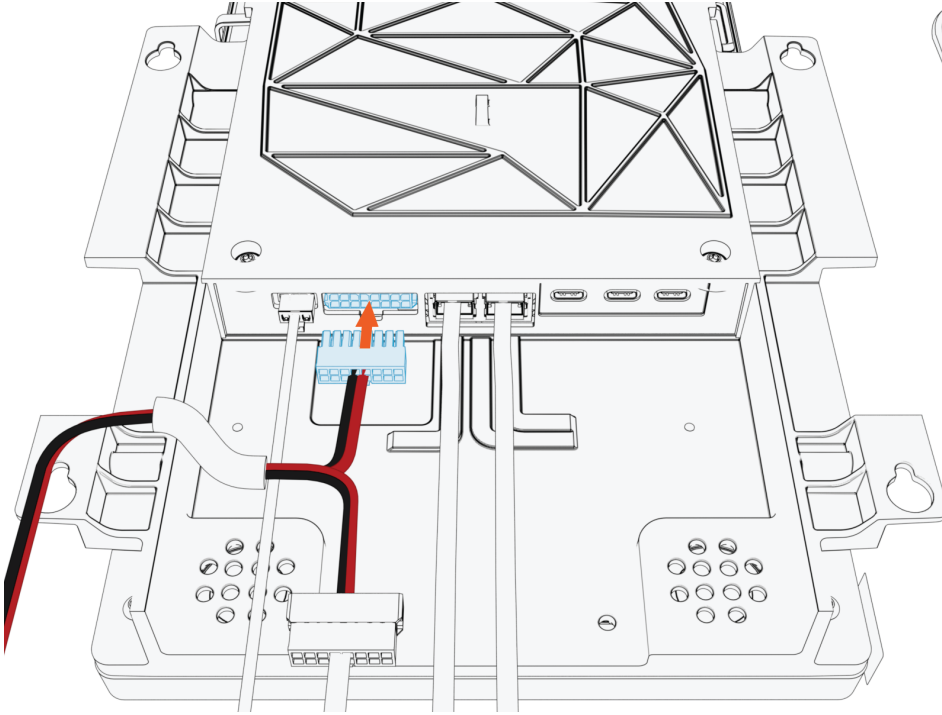
11. Unplug the 16-pin male connector from the CCOM.



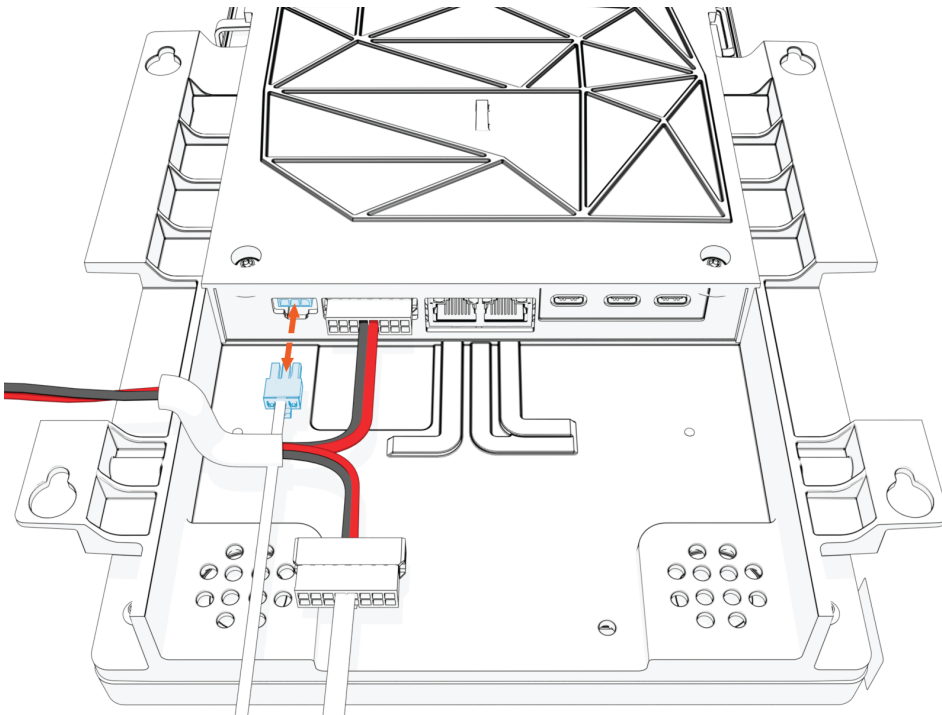
12. Plug the 16-pin male connector into the 16-pin female side of the Y-split CAN cable.



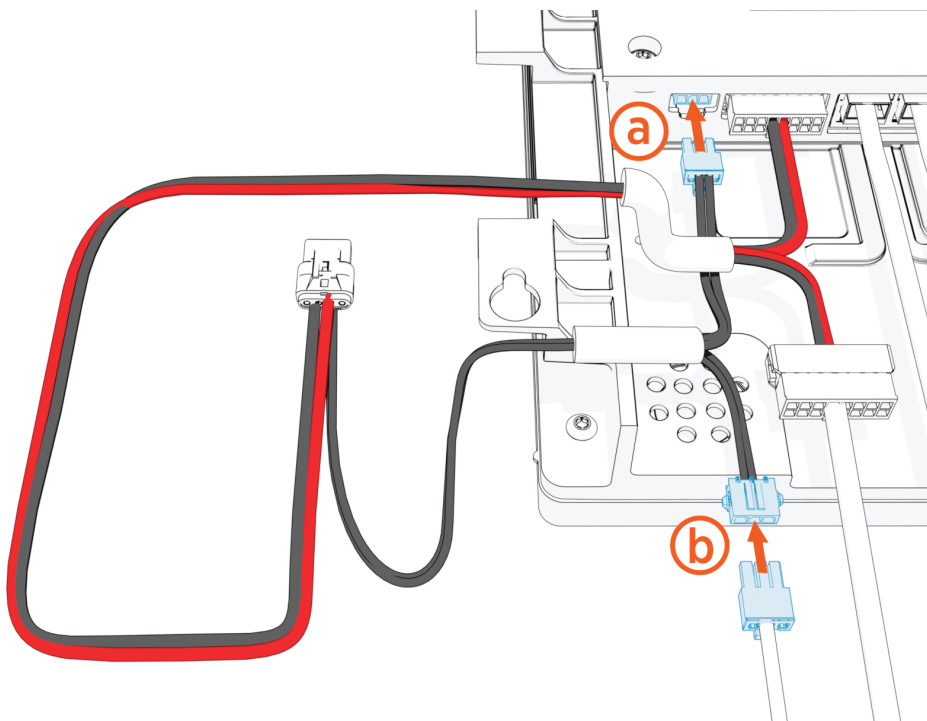
13. Plug the 16-pin male connector from the Y-split cable into the port where you originally removed the 16-pin male connector from the CCOM.



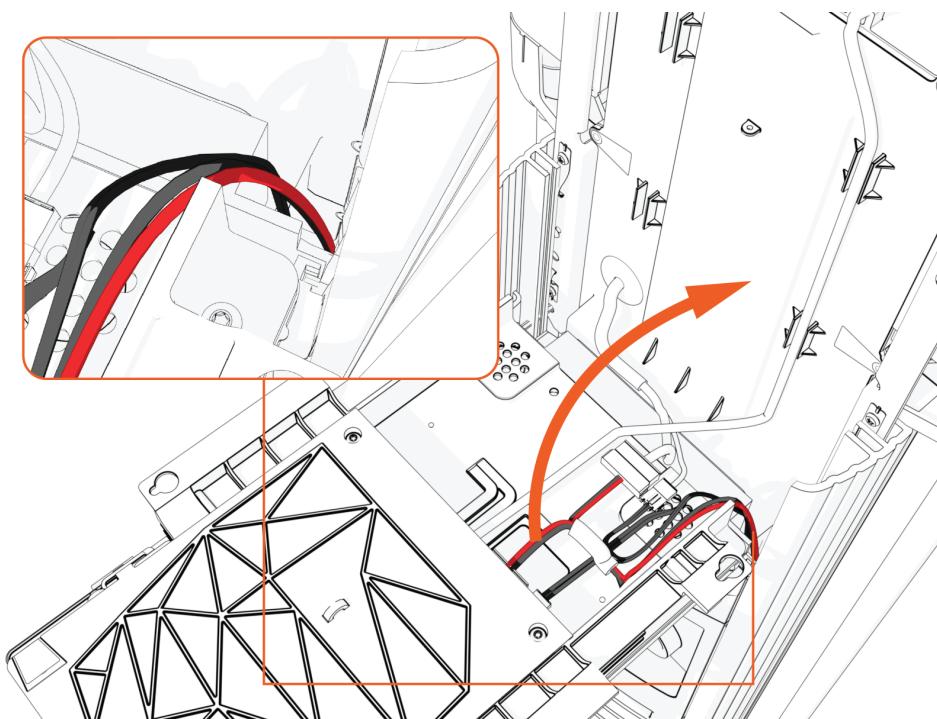
14. Unplug the three-pin power connector from the CCOM.



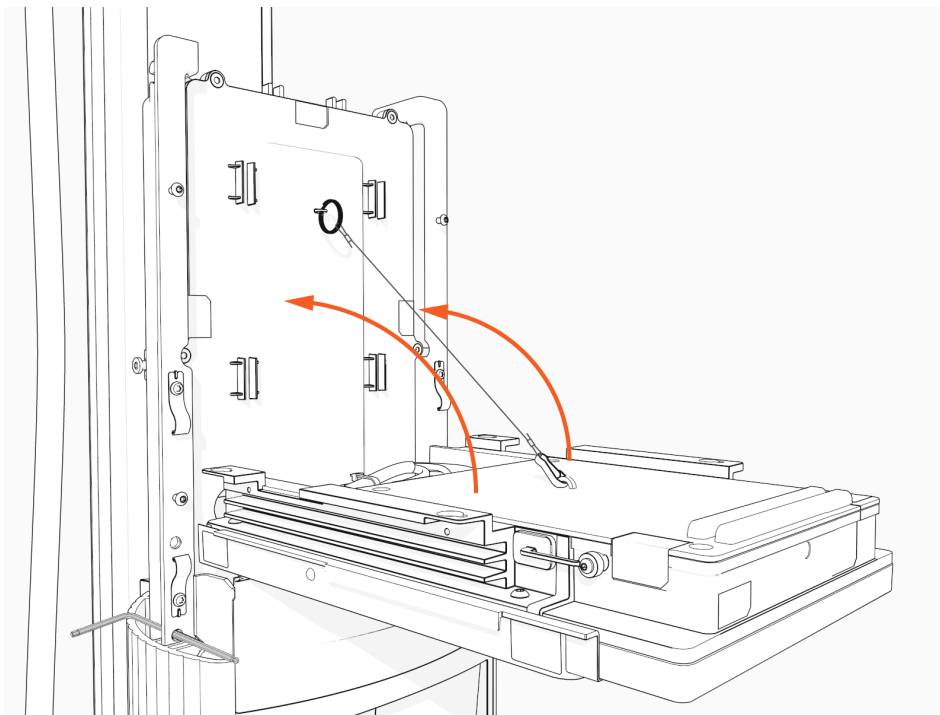
15. Plug the three-pin power connector on the Y-split cable **(a)** into the CCOM. Connect other end of the Y-split power cable to the CCOM power connector **(b)** removed in the previous step.



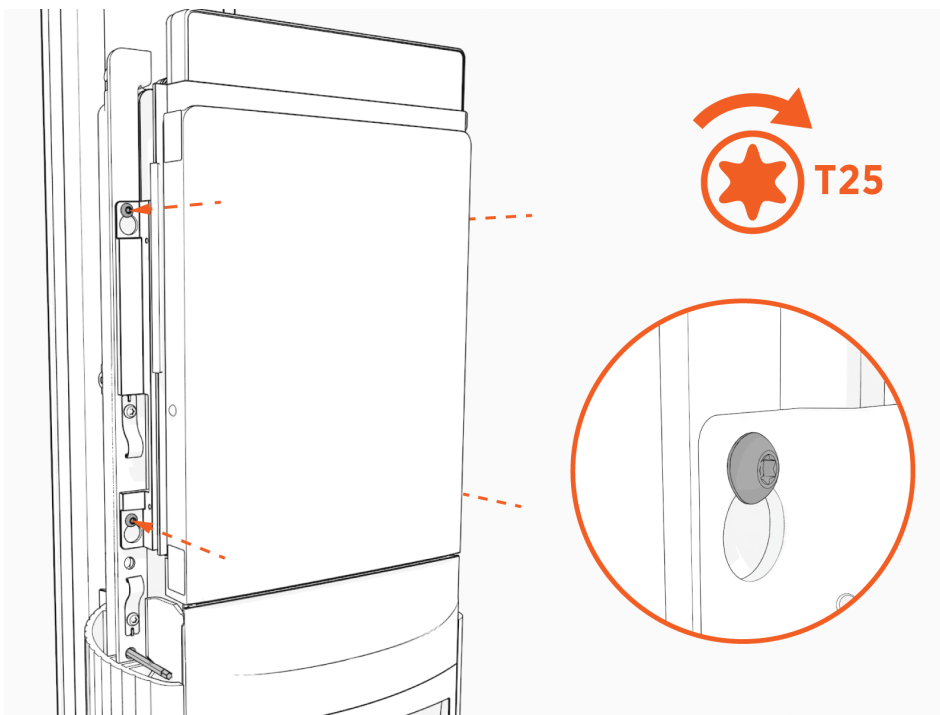
16. Ensure the other end of the Y-split CAN cable is visible and accessible for connecting to the Omni Port assembly later.



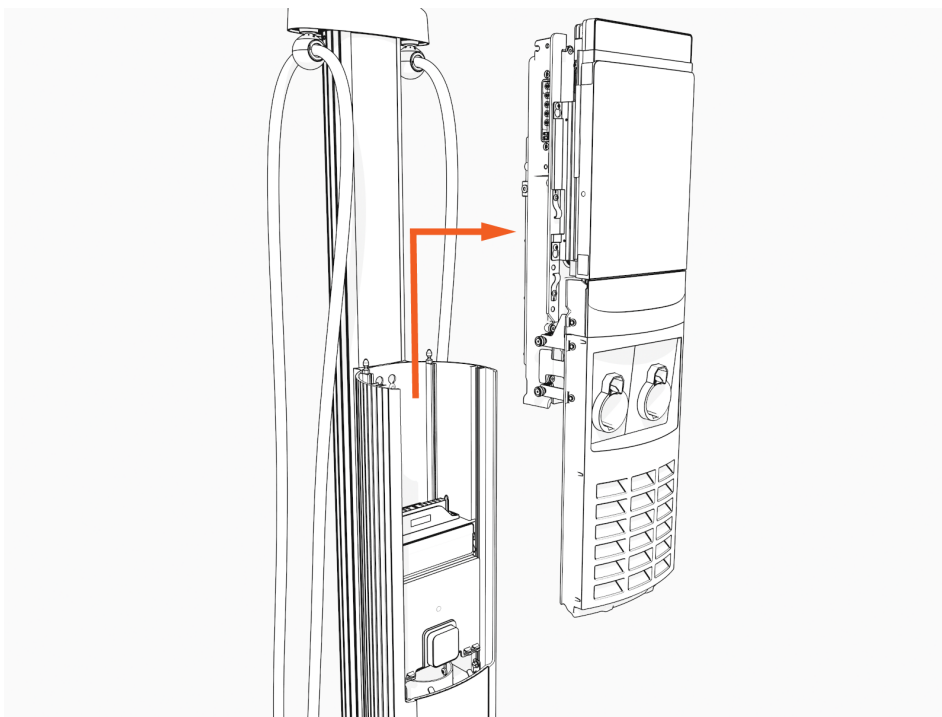
17. Raise the CCOM and slide it into place on the head assembly.



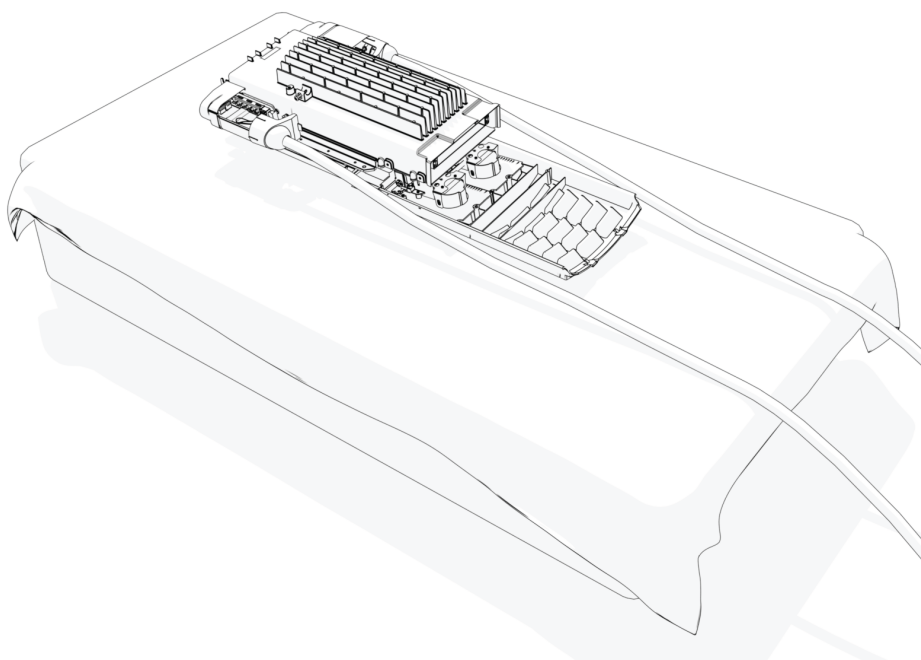
18. Tighten the screws to secure the CCOM.



19. Lift the head assembly to remove it from the pedestal or wall mount enclosure. Set it gently on a padded surface.



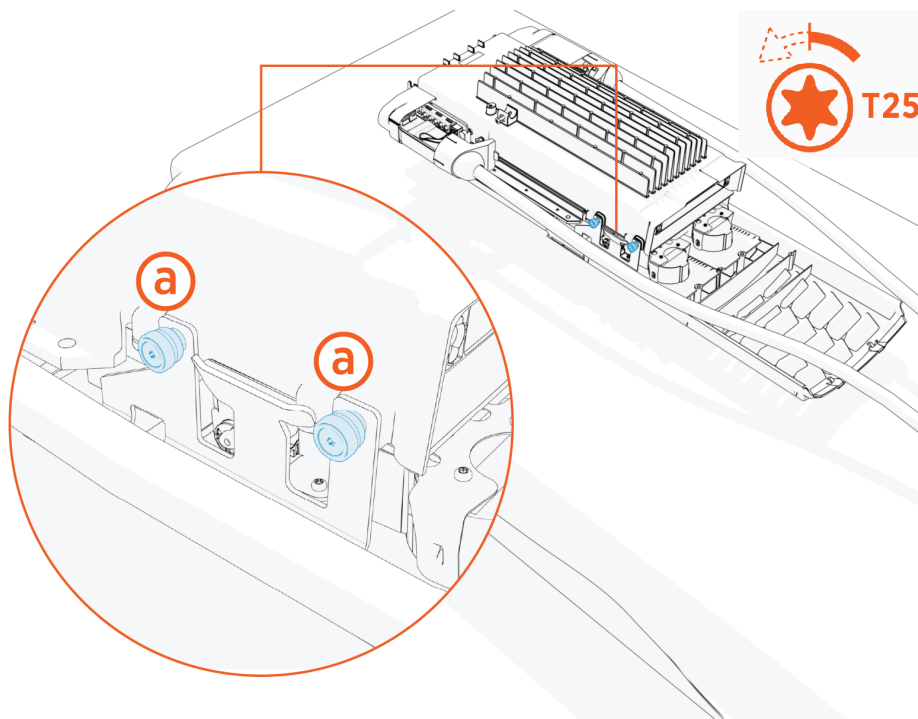
20. Orient the head assembly so the screen is resting directly on the padded surface.



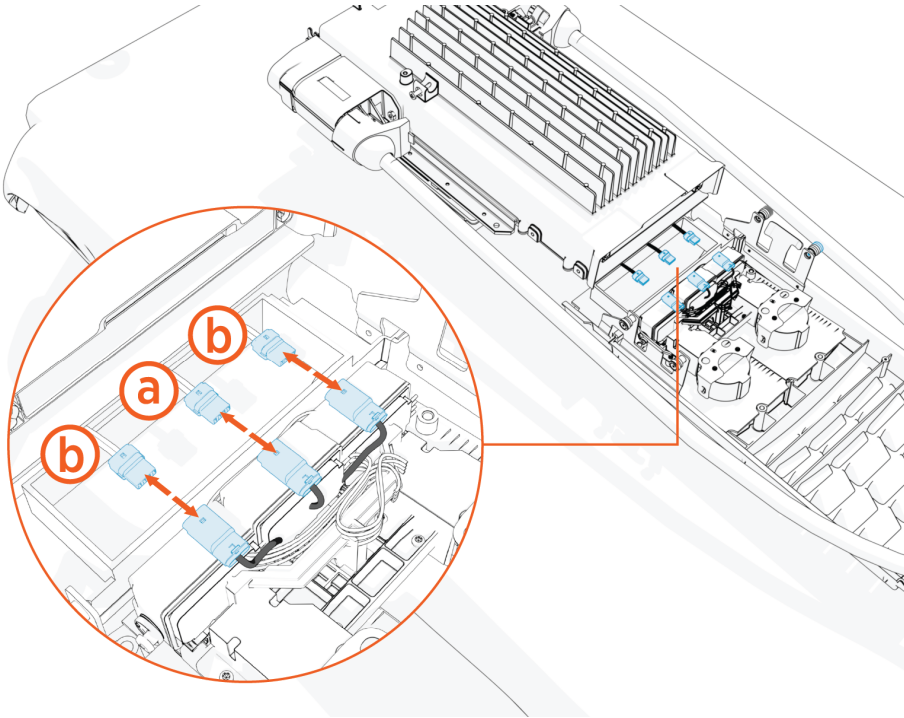
Remove the Holster Frame

Perform the following steps to remove the holster frame:

1. Use a T25 screwdriver to loosen the four thumb screws (a) securing the holster frame to the CCOM.



2. Lift the tabs and pull the downlight **(a)** and holster cables **(b)** out to disconnect them from the holster frame.
(a) Downlight cable (LED)
(b) Holster cables

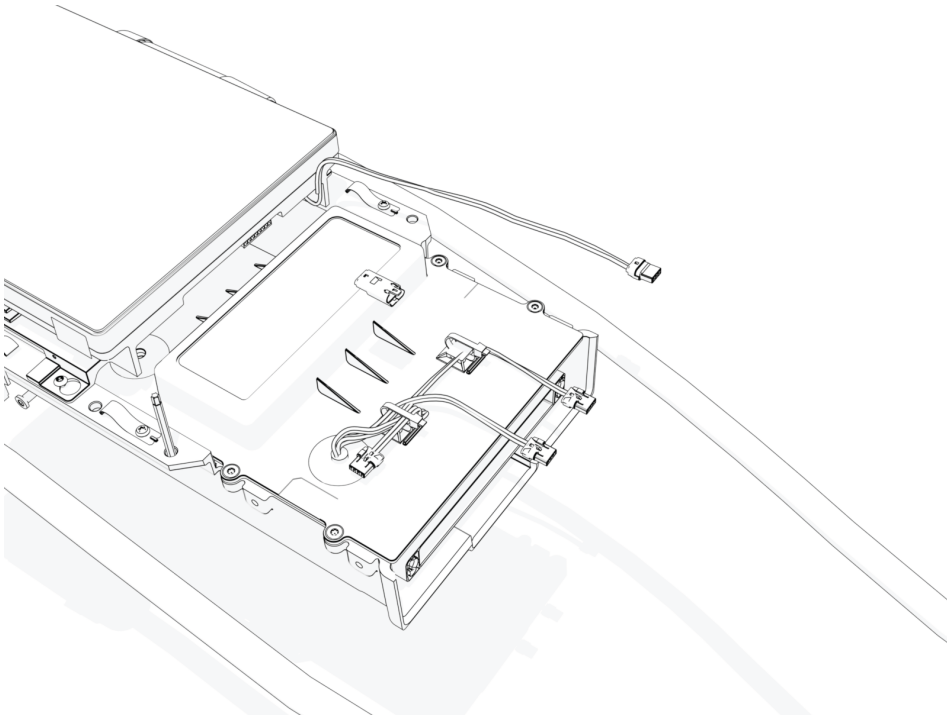


3. Set the holster frame aside.

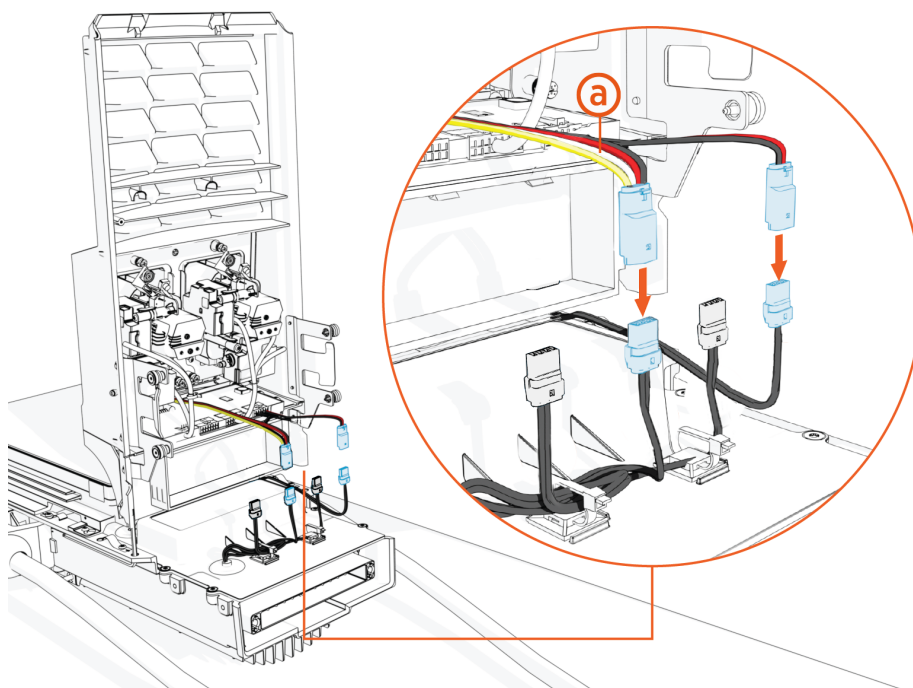
Install New Omni Port Holster Frame

To install New Omni Port Holster Frame, perform the following steps:

1. Turn the head assembly over so the screen faces up.



2. Position the new Omni Port holster frame at a 45° degree angle to the head assembly.
Connect the LED and down light cables into their ports on the CCOM.

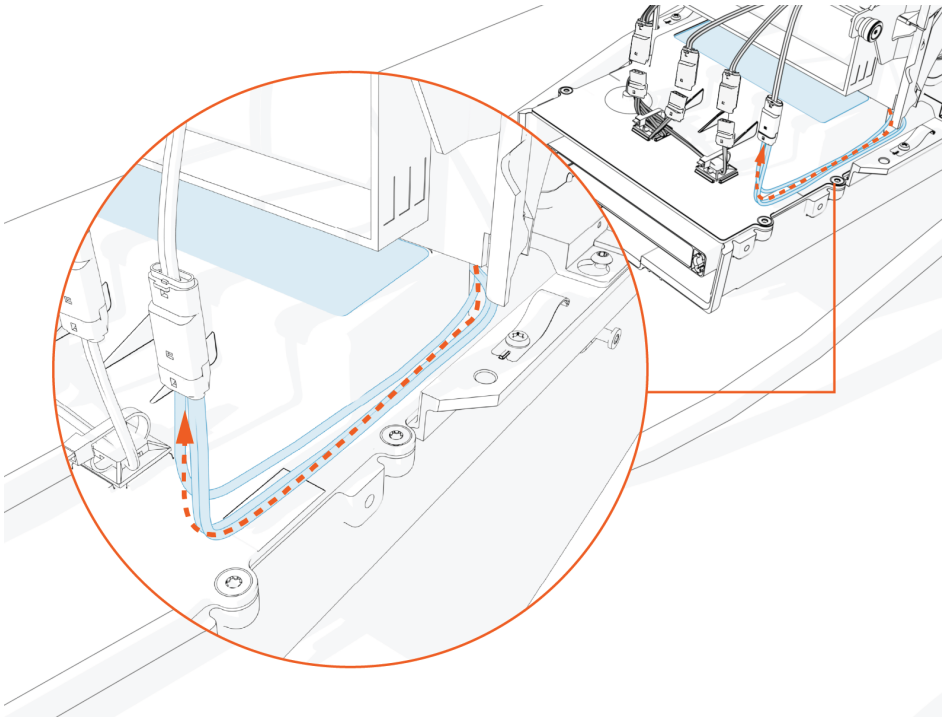


(a) LED cable

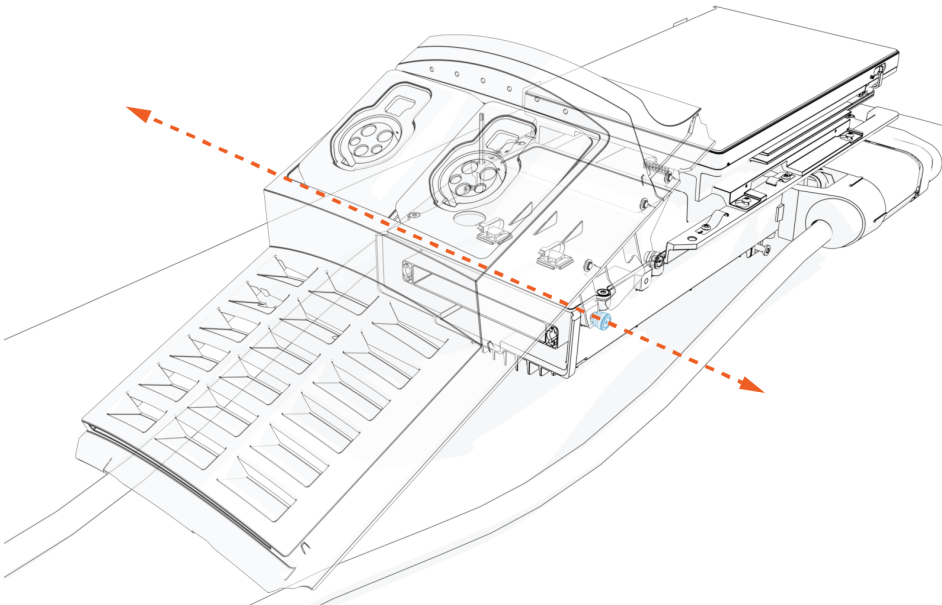


NOTE: The two CAN connectors will remain unplugged by design.

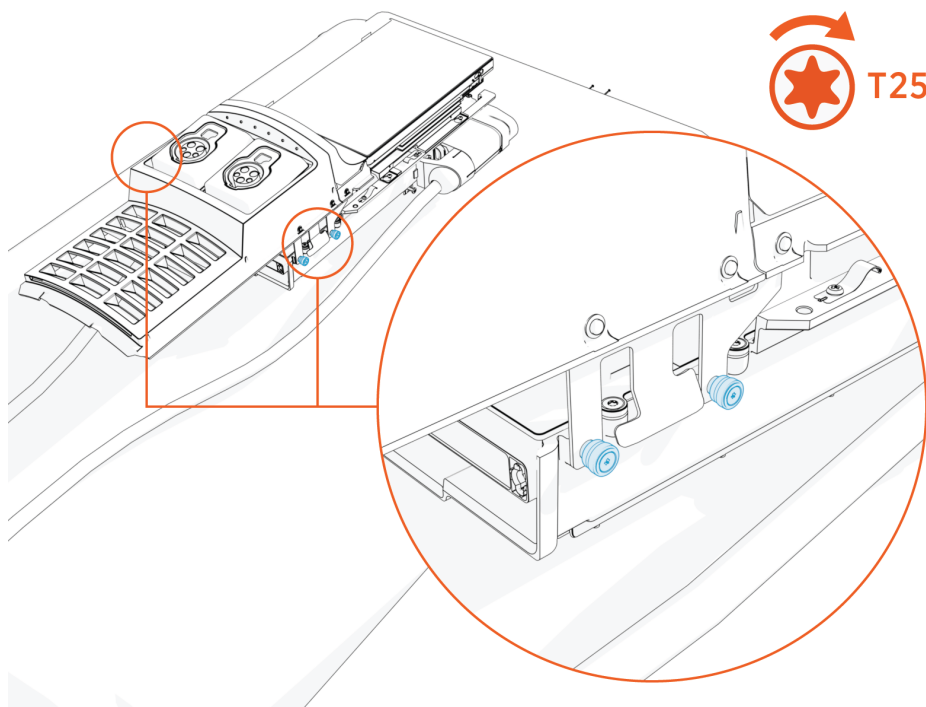
3. Route the Omni Port cable harness along the right side of the meter window.



4. Flip the meter door open.
5. Ensure the cable is not visible. Compress the cable and make sure it stays clear of the meter window.
6. Align the outer holster frame screws with the screw holes on the sides of the CCOM. Line up the tabs and thread the bottom holes first to secure the frame in place.



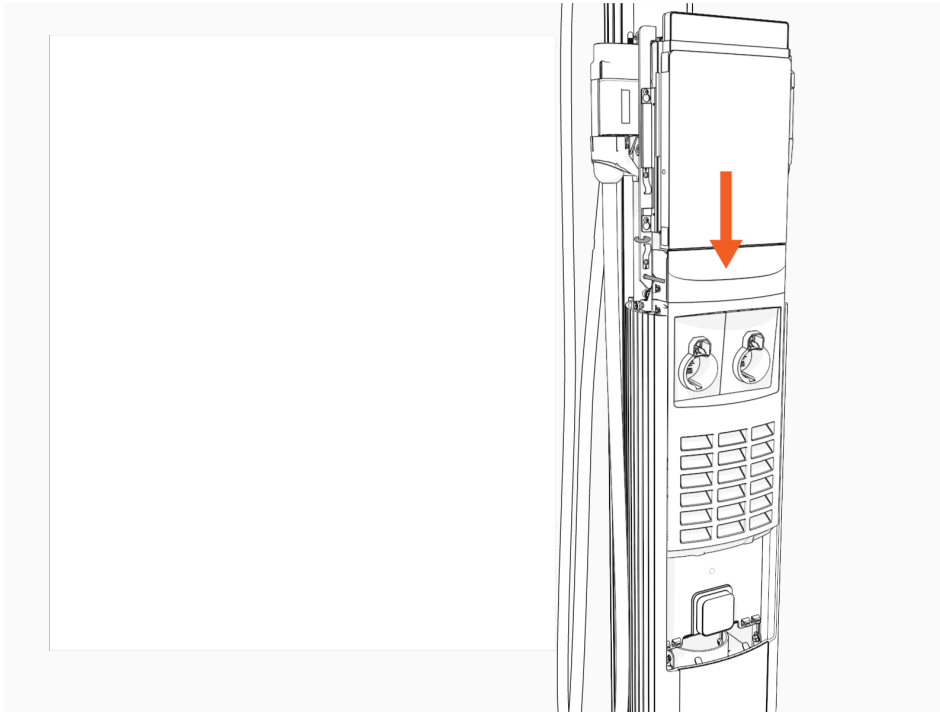
7. Position the holster frame over the head assembly.
8. Using a T25 screwdriver, torque the four M5 screws to secure the outer holster frame to the CCOM.



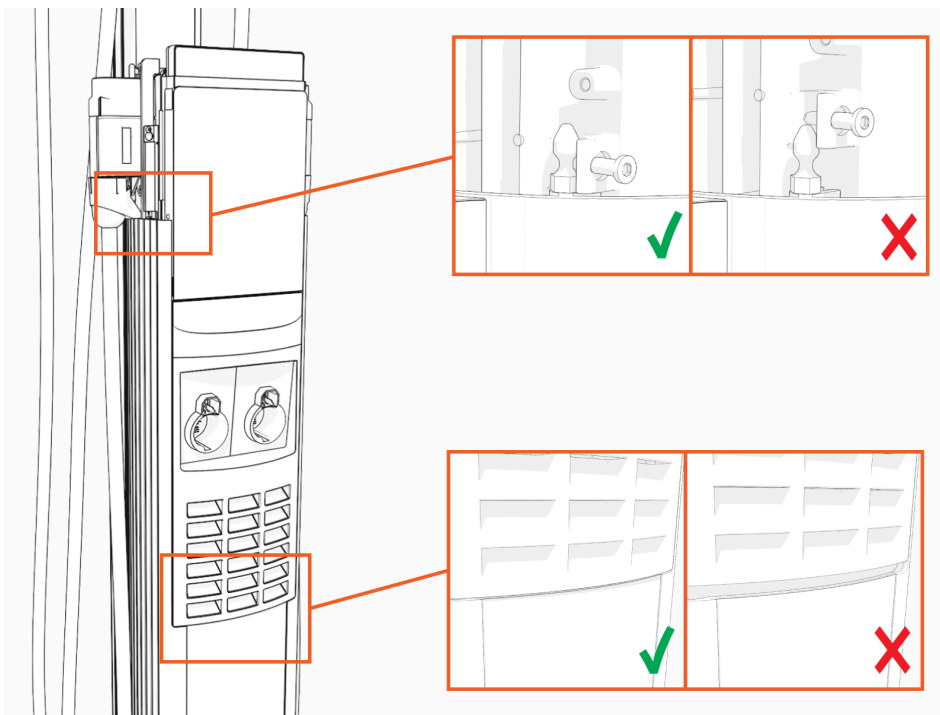
Reinstall the Head Assembly

To reinstall the Head Assembly, perform the following steps:

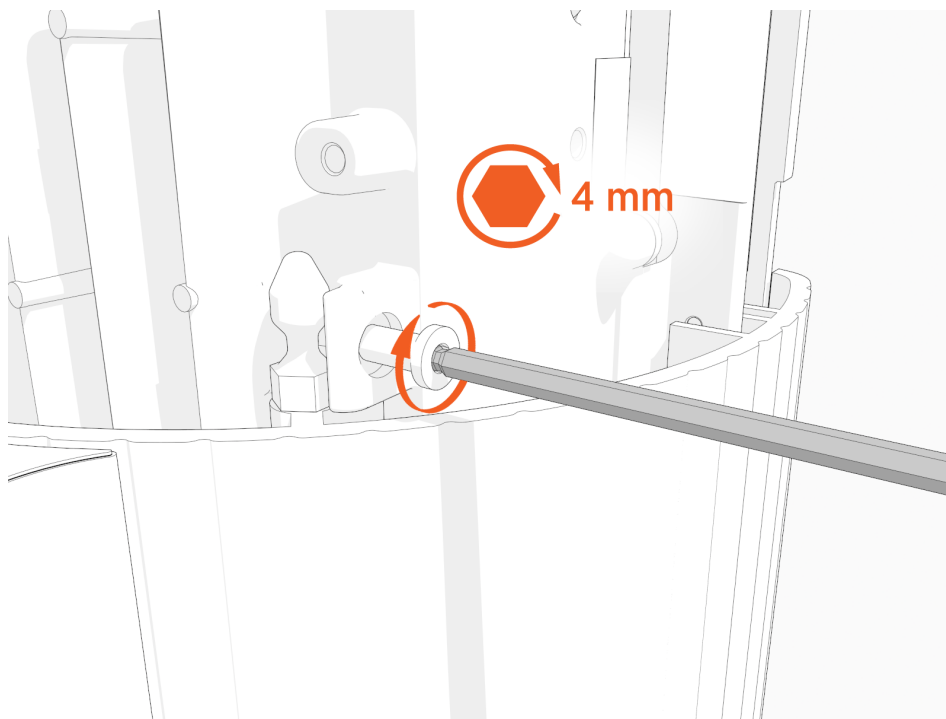
1. Hold the metal edges of the head assembly and lift it gently from the padded surface.
2. Slide the head assembly all the way into the pedestal housing.



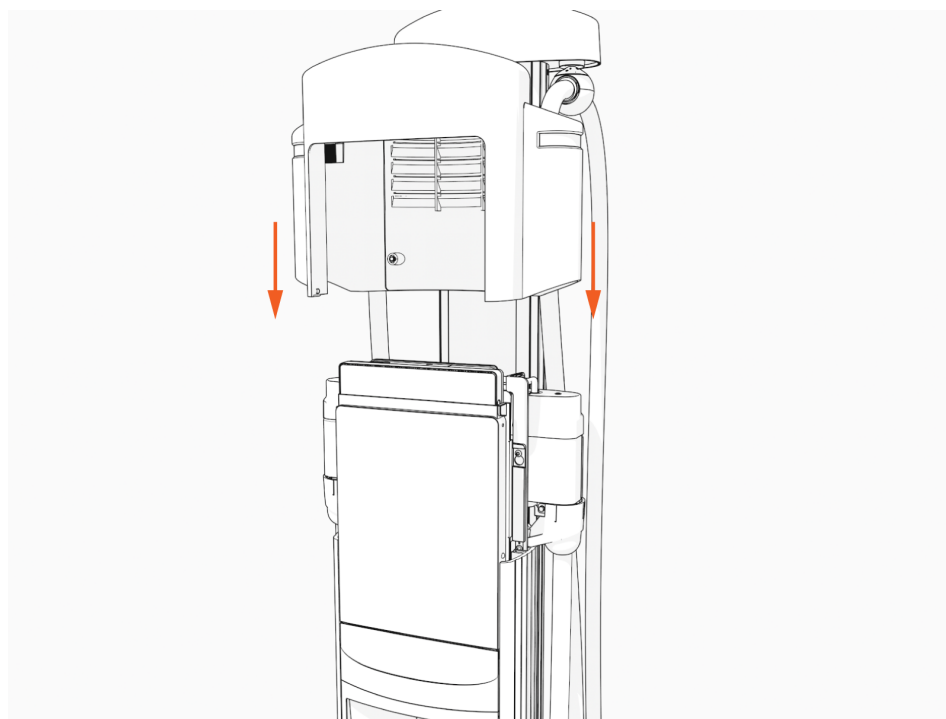
3. Ensure the head assembly is fully seated.



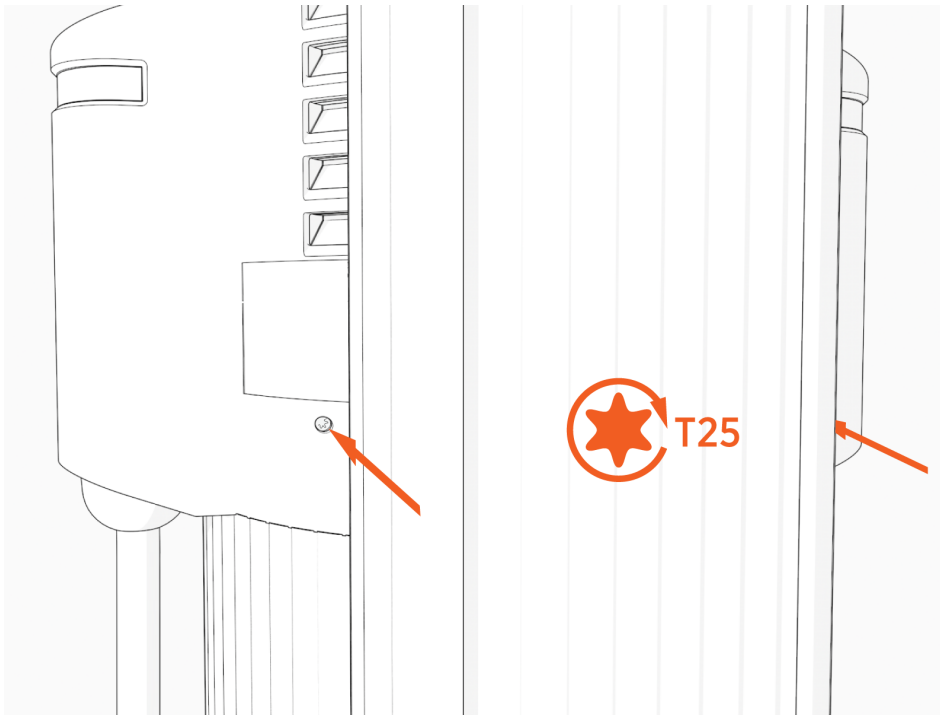
4. Using the L-wrench or 4 mm hex tool, tighten two screws.



5. Slide the top cap onto the head assembly, adjusting as necessary to clear the SEVC cables, until it fits into place.



6. Torque two captive screws to **1.1 Nm (10 in-lb)**.



7. At the electrical panel, power up the station.



IMPORTANT: If the station does not power up, disconnect the power to the CP6000 and make sure that the head assembly is properly seated.

8. Contact chargepoint.com/support to clear lockout faults. One or both port LEDs appear Red until the lockout faults are cleared.

Replace an Existing Omni Port Holster

If the CP6000 is already installed and configured with an existing Omni Port holster, follow the instructions in this section to replace the current Omni Port holster frame with a new Omni Port holster frame assembly.

[Replacement of Omni Port Holster](#), ensure that the station is powered down and all the tools and components are ready for the procedure.

1. Remove the head assembly and place it gently on a padded surface.
2. Using a T25 screwdriver, unfasten the four M5 screws (x4) securing the Omni Port holster frame to the CCOM.
3. Hinge the holster frame away from the head assembly to access the internal wiring and components of the CCOM.
4. Unplug the following power and communication cables from the Omni Port holster frame:
 - (a) Downlight cable
 - (b) Power cables (for left and right holsters)
 - (c) CAN connector
5. Remove the existing Omni Port frame and set it aside.
6. [Install New Omni Port Holster Frame](#).

Installation Checklist 4

To adhere to ChargePoint best practices, before leaving the installation site complete the [installation checklist](#).

Provide the checklist and spare parts if any, to the person responsible for activating the stations. This completes the installation of the CP6000 charging station.

Appendix: Install the USB to Ethernet Module A

Install the USB to Ethernet module to enable the CP6000 charging station to connect to a local Ethernet network for LAN based data communication.

The module has a USB port connector on one end to plug into the USB port of the CP6000 charging station and a RJ45 Ethernet port on the other end to connect an Ethernet cable.



NOTE: Cat 6a shielded Ethernet cable is compatible with the RJ45 Shielded Quick on Connector (or the Ethernet connector) provided in the Ethernet Kit.

Important Considerations

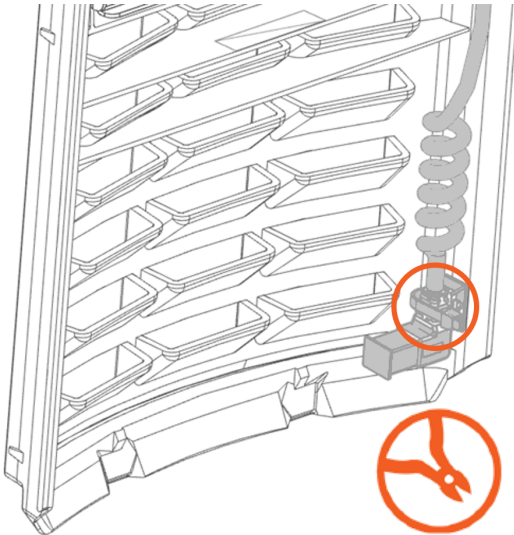
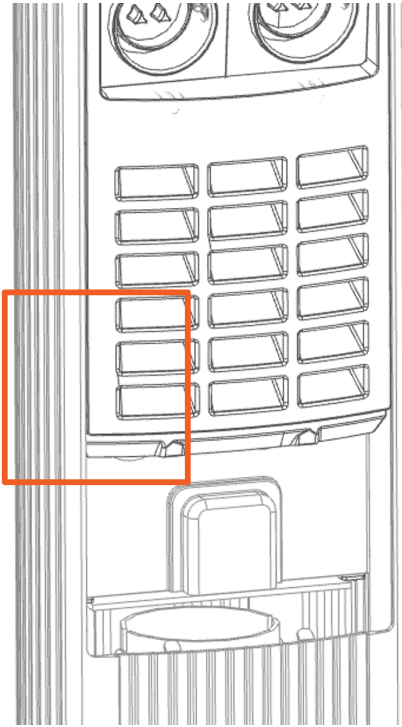
The *Network Readiness Guide* available at [ChargePoint Product Reference Documentation](#) is the authoritative source for all site qualification, cable specifications, network requirements, and pre-install checks.

The station owner must complete and return to a ChargePoint representative a completed and signed Site Qualification Form (Ethernet or Wi-Fi) from *Network Readiness Guide* available at [ChargePoint Product Reference Documentation](#) prior to the installation of the USB to Ethernet Module or Wi-Fi.

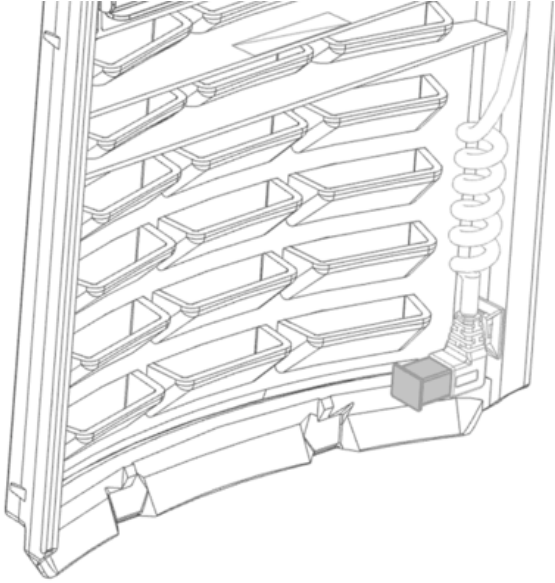
Install the Module

Complete the following steps to install the USB to Ethernet Module:

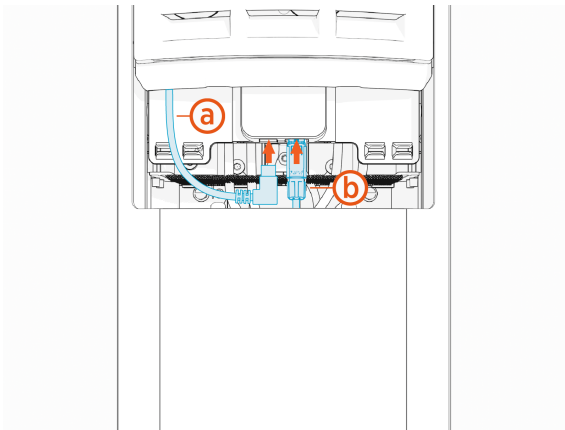
1. Cut the zip tie securing the USB-C cable to the holster frame.



-
2. Remove the dust cover from the USB cable and discard it.



3. Install the cables and accessories.



- (a) Connect the USB cable to the Ethernet module.
 - (b) Attach (terminate) the Ethernet connector to the Ethernet cable and then connect the Ethernet cable to the Ethernet module.
4. Return to step 8 in [Assemble the Station](#).

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Important: Changes or modifications to this product not authorized by ChargePoint, inc., could affect the EMC compliance and revoke your authority to operate this product.

Exposure to Radio Frequency Energy: The radiated power output of the 802.11 b/g/n radio and cellular modem (optional) in this device is below the FCC radio frequency exposure limits for uncontrolled equipment. The antenna of this product, used under normal conditions, is at least 20 cm away from the body of the user. This device must not be co-located or operated with any other antenna or transmitter by the manufacturer, subject to the conditions of the FCC Grant.

ISED (formerly Industry Canada)

This device complies with the licence-exempt RSS standard(s) of Innovation, Science and Economic Development Canada (ISED). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme aux flux RSS exemptés de licence d'Innovation, Sciences et Développement économique Canada (ISDE). L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter.

Radiation Exposure Statement: This equipment complies with the IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

Énoncé d'exposition aux rayonnements: Cet équipement est conforme aux limites d'exposition aux rayonnements ioniques RSS-102 Pour un environnement incontrôlé. Cet équipement doit être installé et utilisé avec un Distance minimale de 20 cm entre le radiateur et votre corps.

FCC/IC Compliance Labels

Visit chargepoint.com/labels.