



Power Link 1000

Express Plus DC Fast Charging Platform

Service Guide



IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS

This manual contains important instructions for Express Plus that shall be followed during installation, operation and maintenance of the unit.

WARNING:



1. Read and follow all warnings and instructions before servicing, installing, or operating the ChargePoint® product. 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. Only use licensed professionals to install your ChargePoint product and adhere to all national and local building codes and standards. Before installing the ChargePoint product, consult with a licensed contractor, such as a licensed electrician, and use a trained installation expert to ensure compliance with local building and electrical codes and standards, climate conditions, safety standards, and all applicable codes and ordinances. Inspect the product for proper installation before use.
 3. Always ground the ChargePoint product. Failure to ground the product can lead to risk of electrocution or fire. The product must be connected to a grounded, metal, permanent wiring system, or an equipment grounding conductor shall 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 product using a ChargePoint-approved method. Failure to install on a surface that can support the full weight of the product can result in death, personal injury, or property damage. Inspect the product for proper installation before use.
 5. The product is not suitable for use in Class 1 hazardous locations, 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, or touch fingers to charging rails.
 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. Wire and wire terminal information are provided in the ChargePoint product Site Design Guide and Installation Guide.
 11. Torques for installation of wire terminals are provided in the ChargePoint product Installation Guide.
 12. The ChargePoint product maximum operating temperature is 50 °C (122 °F).
 13. Do not put fingers into the adapter.
 14. Do not use this product if the flexible output cable, vehicle connector, vehicle inlet, or the adapter itself has broken insulation, broken, or cracked housings, or if internal parts are accessible including wiring.
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15. Do not use this adapter with any charger or EV that is capable of exceeding the adapter's rated voltage or current capacity. Some EVs and EVSE combinations are capable of multiple voltages or limited durations of current overloading designed for normal EVSE to EV connections. Use of the adapter in these situations could result in unsafe conditions such as fire, burns, or exposure of high voltage.



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.

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.com/guides.

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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: Crucial step for installation success



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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Introduction 1

Follow this guide to service and replace the CP800 components.

Before You Begin

DANGER: RISK OF SHOCK



- Before any procedure, disconnect the power.
- Follow local code and site lockout/tagout procedure to de-energize the station.
- Wait for energy to dissipate (approximately five minutes).
- Keep power off until all covers and panels are reinstalled and the work is complete.

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



WARNING: Do not install or service the charging station in inclement weather. If you work in snow, rain, or wind, you must use a weather-proof shelter that covers all boxes and components.



CAUTION: Keep components in original packaging, free of moisture, and protected from damage until you install or service them at the site. Store all shipments of components in a dry covered location and protect from moisture.



CAUTION: Comply with these guidelines to prevent component damage.

- Use tools suitable to torque metric fasteners. All fasteners used on the CP800 are in metric sizes.
 - Use the given torque values to tighten the fasteners.
 - Ensure that the tools such as torque tool, multimeter, and Ethernet tester are calibrated.
-

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 the training at chargepoint.com/installer to become ChargePoint certified and to access the ChargePoint web or app-based installer tools.



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.



WARNING: Follow Service Guide instructions *only*. Use only ChargePoint-authorized parts.

Additional Documentation

To ensure safety for you and others, do this before you begin:

- Familiarize yourself with the instructions in the service guide.
- If you have not installed or serviced the CP800 recently, orient yourself to the CP800 by reviewing the [Site Design](#), [Installation](#), and [Datasheet](#), as well as any other materials you find helpful.

Access ChargePoint documents at chargepoint.com/guides.

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
Concrete Mounting Template Guide	Instructions to embed the charging station template in a concrete pad with anchor bolts and conduit placement (these may also be included in the Site Design Guide)	Site construction contractor
Surface Conduit Entry Kit Guide	Instructions for sites where conduit cannot be run underground	Installer
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
Operation and Maintenance	Operation and preventive maintenance	Station owner, facility

Document	Content	Primary Audiences
Guide	information	manager, and technician
Service Guide	Component replacement procedures, including optional components	Service technician
Declaration of Conformity	Statement of conformity with directives	Purchasers and public

Check and Protect Parts

To ensure your safety, do the following:

- Use only authorized parts and accessories sold and supplied by ChargePoint for the unit and model.
- Keep components in original packaging, free of moisture, and protected from damage until you install or service them at the site.
- Store all shipments of components in a dry covered location and protect from moisture.
- Familiarize yourself with the contents of each shipping box.
- Ensure that you have all the parts for the work you plan to perform.
- Have more than one technician or qualified support person present if components are heavy.
- Keep liquids (and objects containing liquid) away from the unit, never on or inside.
- Do not discard the part you are replacing. Reuse the packaging from the new part to return all removed parts to ChargePoint.

If Damaged, Do Not Service

Do not perform work or remove any signs or covers from the unit if you find any of the following:

- The charging station housing shows mechanical damage.
- The charging cables or connectors are visibly damaged.
- The station is unstable or moves.

If you find such damage, *turn off the station*, advise the site manager to keep the unit(s) off, and contact ChargePoint immediately. Find your region's technical support number at chargepoint.com/support.

Questions

For assistance, navigate to chargepoint.com/support and contact technical support using the appropriate region-specific number.

Power Off 2

To power off, complete the following steps:

Bring These Tools and Materials



Multimeter (meter and probes rated for 1000 V)



Lockout/tagout equipment

Power Off

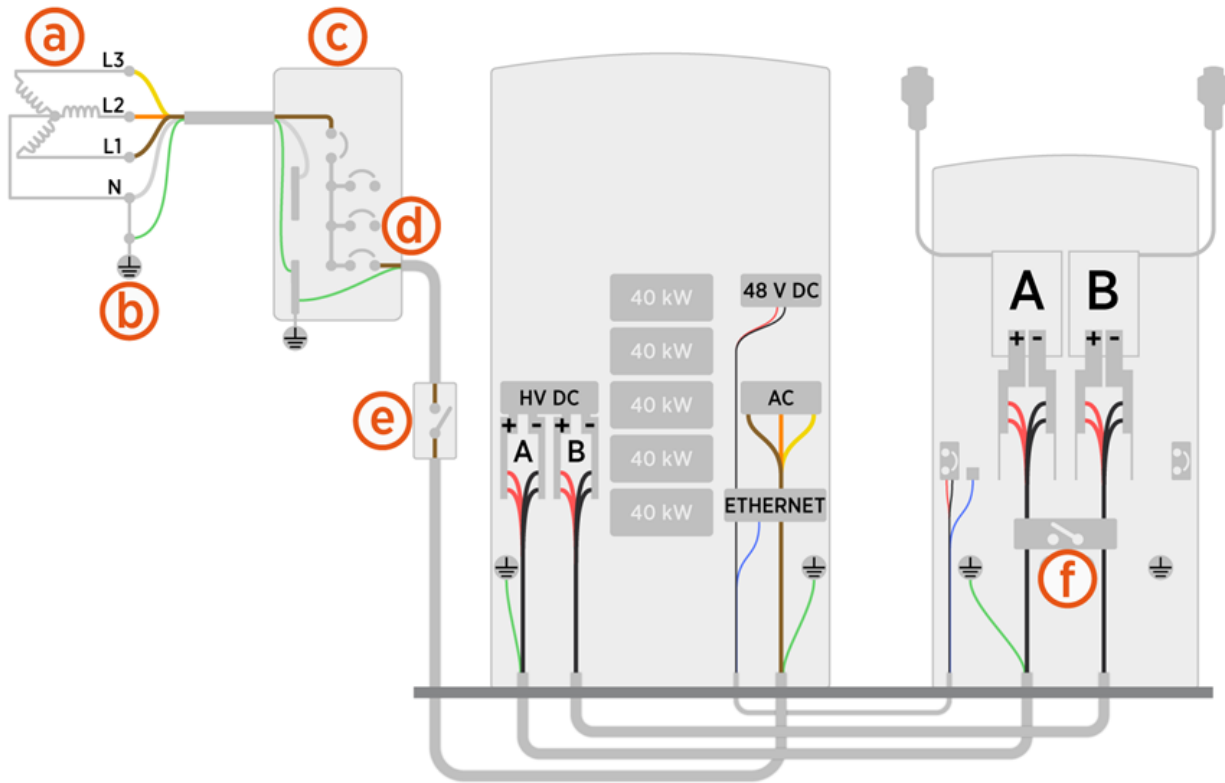
You must be a ChargePoint Certified Technician to power off the charging station, or warranty limitations apply.

1. An Express Plus configuration can have one or more Power Blocks connected to one or more Power Link 1000s in what is called a cluster. Refer to the site's single line diagram (SLD) and identify the following:
 - All Power Blocks and/or Power Link 1000s to be serviced.
 - All Power Link 1000s within the same cluster as the products identified above.
2. End all charging sessions on all Power Link 1000s identified in step above.



CAUTION: Failure to end the charging session before beginning service could damage hardware components. Such damaged components may need to be replaced.

3. Determine where to disconnect the high voltage (HV) power. Refer to the site's SLD and identify the location of control elements such as circuit breakers and disconnect switches.



- (a) Transformer configuration
- (b) Ground connection
- (c) Electrical panel
- (d) Circuit breakers
- (e) AC disconnect switch (optional)
- (f) Maintenance switch (optional)

Methods for HV power disconnect fall into two categories:

- Category 1 - Remove AC power from connected Power Blocks using one of the following methods:
 - At the site electrical panel, turn the circuit breaker (d) switch to the OFF position to power off all Power Blocks and Power Link 1000s downstream of the breaker.

-
- If an AC disconnect switch has been installed between Power Block and the site electrical panel, turn the AC disconnect switch **(e)** to the OFF position to power off all Power Blocks and Power Link 1000s downstream of the AC disconnect switch.

IMPORTANT:



- Follow local code and refer to the site lockout/tagout procedure to de-energize the station.
- Powering off Power Block will result in all LV DC-connected Power Link 1000s losing power.
- A Power Link 1000 may be configured in a cluster wherein it receives HV DC power from multiple Power Blocks. Be sure to power off all Power Blocks in the cluster. Note that high voltage hazard may still be present if Power Link 1000 is not powered, as LV DC and HV DC power may come from different Power Blocks. Consult site drawings.
- Ensure that the status light is off (unlit) for all de-energized Power Blocks.

-
- Category 2 - Turn the maintenance switch **(f)** to the OFF position.

IMPORTANT:



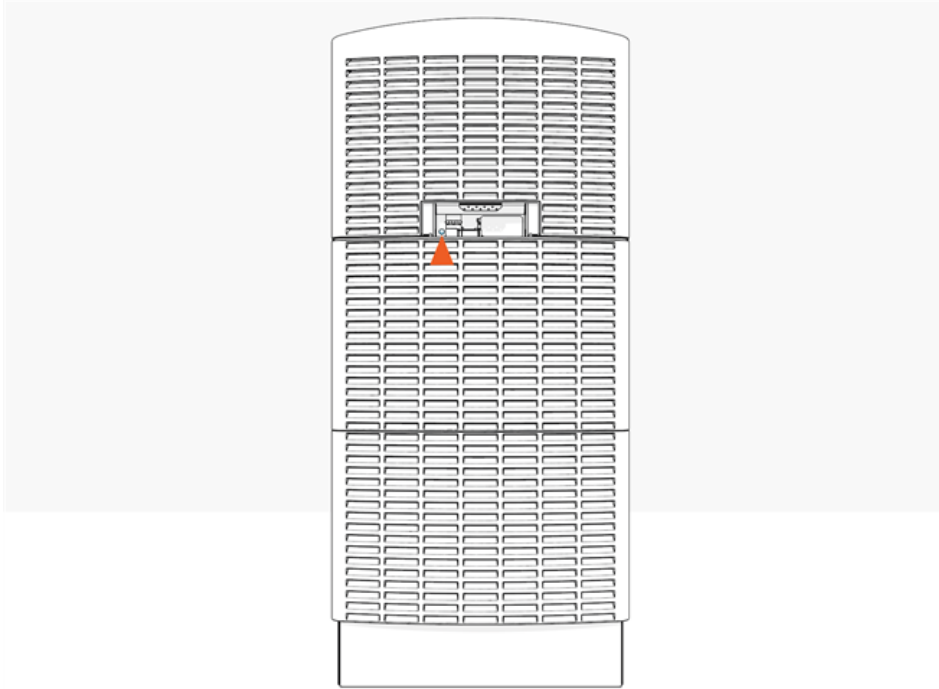
- This power off option is available only if the Power Link 1000 is equipped with a maintenance switch within its lower enclosure.
- This power off option de-energizes HV components in the upper enclosure.

-
4. Wait for energy to dissipate (approximately five minutes).

Check Power Block Status Light

Note: Skip this step if the Power Link 1000 was powered off by maintenance switch.

-
1. Open the security panel to check the status light.



2. The status light must be off (unlit). If the status light is on (glowing any color), do not proceed further with servicing. Wait the required time for energy to dissipate.



IMPORTANT: When you power on, the status light should turn on (light up yellow). If the light is red, contact ChargePoint at chargepoint.com/support.

Disconnect HV Power in Power Link 1000

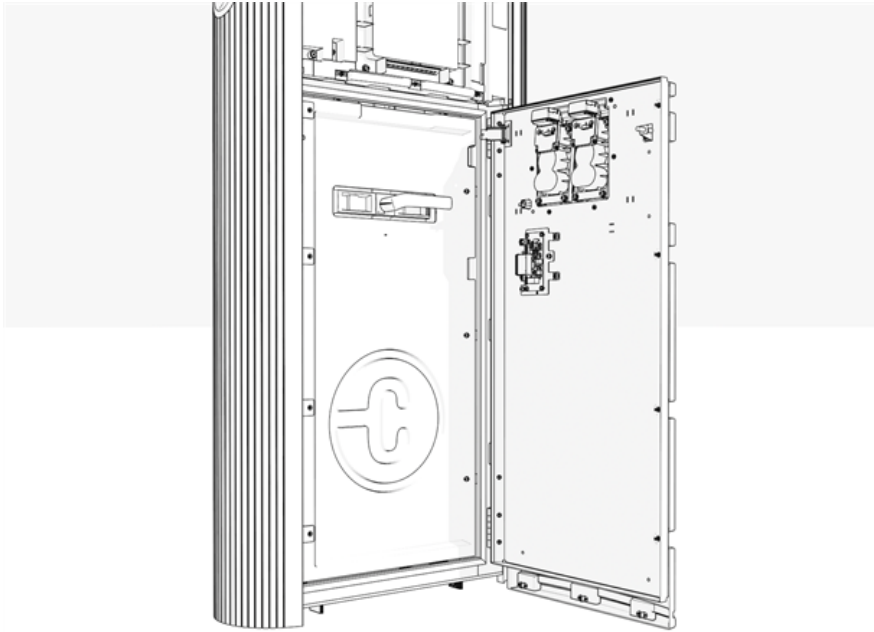
1. Remove charging cable connectors off the Power Link 1000 and place it on a soft padded surface.
2. Determine if the Power Link 1000 has preassembled covers or unassembled components, remove them as necessary.
3. Open the lower door.

-
4. Pull the maintenance switch to OFF position.

DANGER:



- Do not remove the lower bus bar safety cover (cover on the maintenance switch) without disconnecting power at the site electrical panel or AC disconnect switch. The bus bars and HV DC input wires connected below the maintenance switch are still energized.
 - Unless you disconnect power at the site electrical panel, all other connected Power Link 1000s will still be powered on and energized.
 - Do not touch the HV components in the upper enclosure without verifying the HV DC input bus bars are de-energized.
 - Disconnecting power at the maintenance switch in a Power Link 1000 will not de-energize LV components in that Power Link 1000.
-

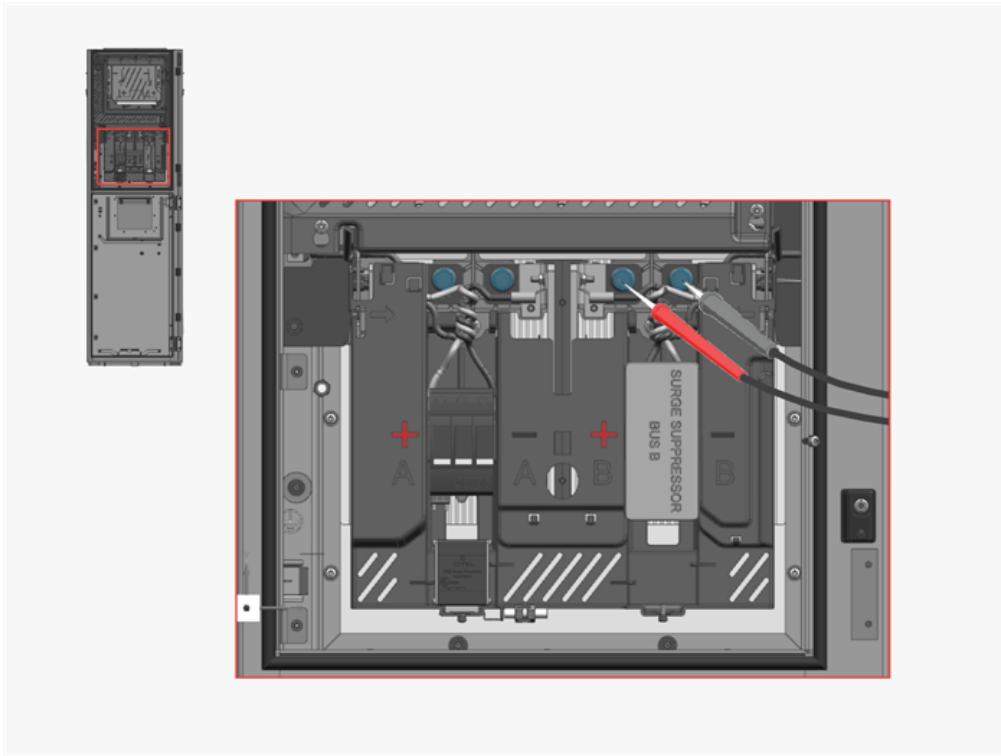


5. Remove the DC smart cable bus bar safety cover.
6. Remove the L shaped bus bar safety cover.
7. Remove the upper bus bar safety cover.

Verify Power Link 1000 is De-Energized

Hold the multimeter's probe tips against the HV DC input bus bar bolts to verify that voltage is zero.

Note: The illustrated probe contact points on the left side and right side are for the left side and right side HV DC inputs, respectively. If both HV DC inputs are present, verify that the power is off on both the HV DC input's bus bars.



Disconnect LV Power in Power Link 1000

1. Remove these:
 - a. Top cap
 - b. Front lower and upper covers
2. Open the upper door.
3. Verify that HV DC components are de-energized.
4. Remove HV DC input bus bar safety cover.

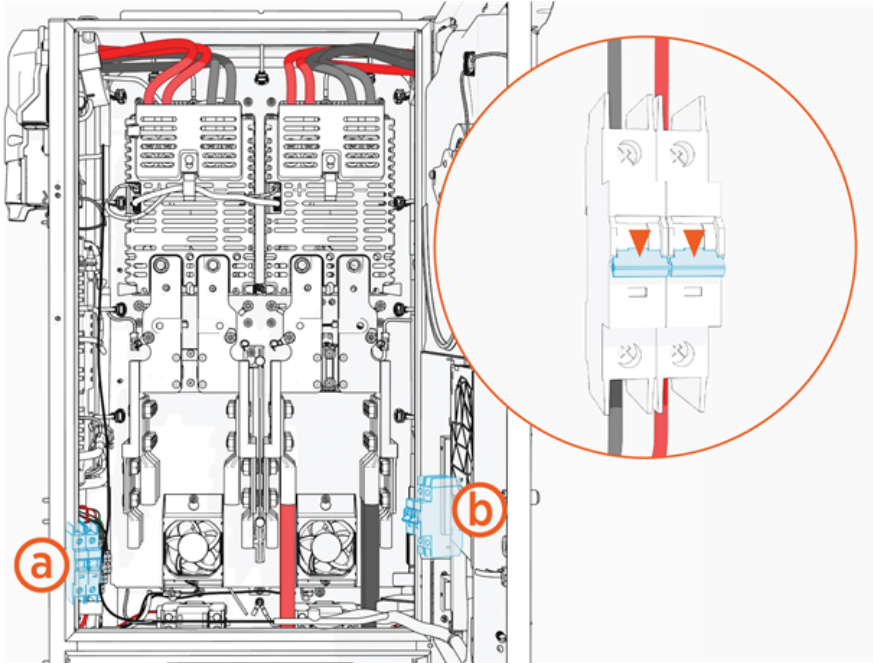


DANGER: Do not remove safety cover without verifying that HV DC components are de-energized.

-
5. Flip the switches (x2) down to turn off the primary (a) LV circuit breaker (primary LV power supply).

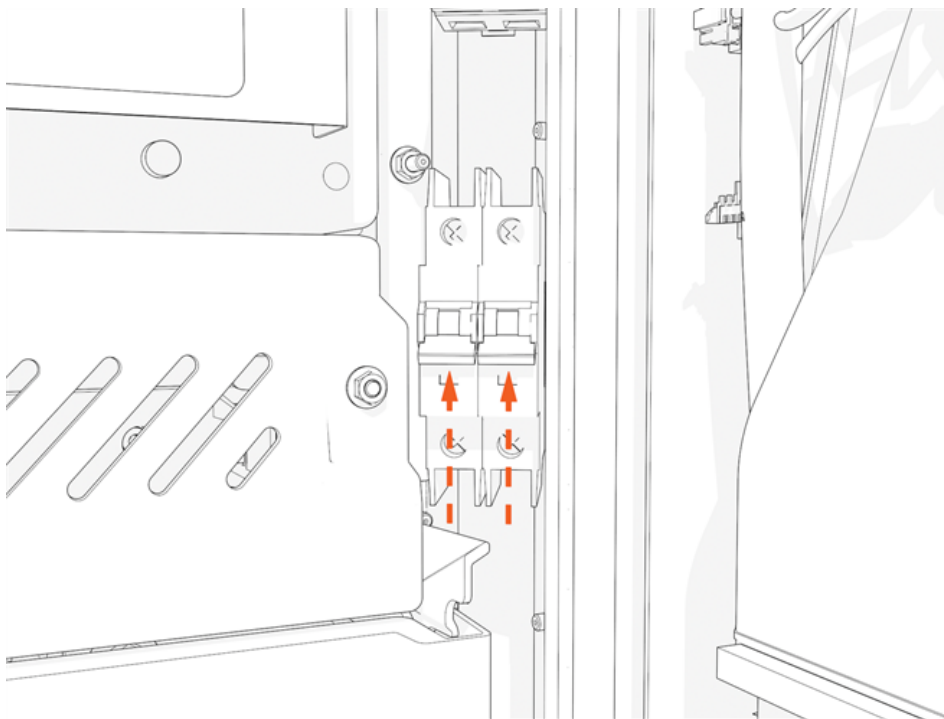


DANGER: Do not touch LV components without verifying that they are de-energized.

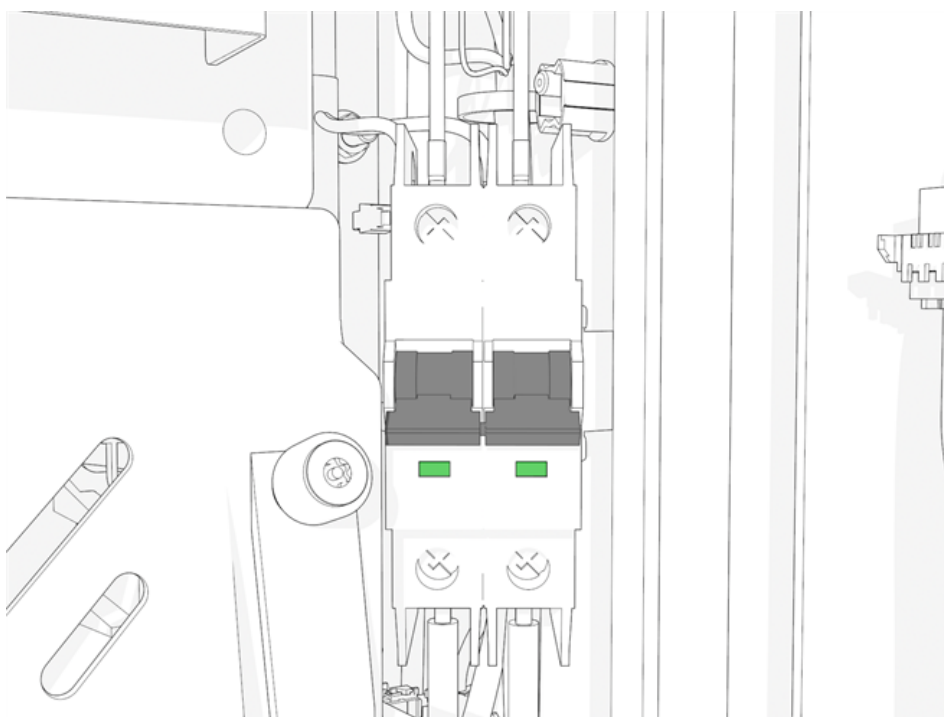


6. If Power Link 1000 has a secondary (b) LV circuit breaker (secondary LV power supply), turn it off.
7. Open the upper door.

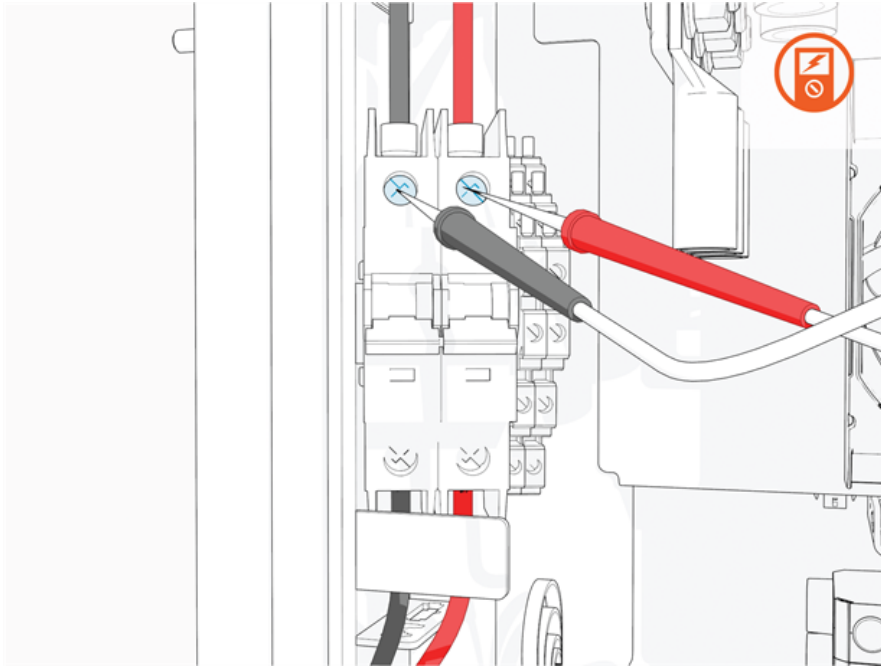
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8. Locate the 48 V DC breaker in the upper enclosure next to the door hinge.



9. Flip down the switch to OFF. The indicator should turn green.



-
10. Hold the multimeter's probe tips against the output terminal screws to verify that voltage is zero.



Covers 3

To replace covers, complete the following steps:

Bring These Tools and Materials



T25 security screwdriver



Stepladder



T10 Torx screwdriver



Vinyl application tool



Isopropyl pads

Before You Begin

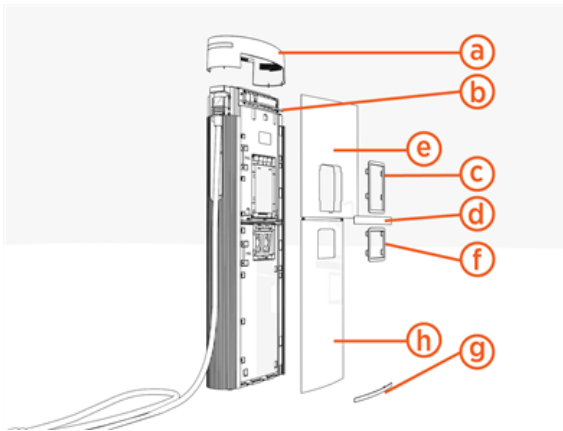
1. Refer to the site drawings and identify the charging stations to be serviced.
2. End all charging sessions and activity for the stations to be serviced.
3. Lift charging cable off the holster.

4. Determine if the Power Link 1000 has preassembled covers or unassembled components, and continue to the applicable instructions.

Note: To request a change, contact ChargePoint Support (chargepoint.com/support).

A. Unassembled

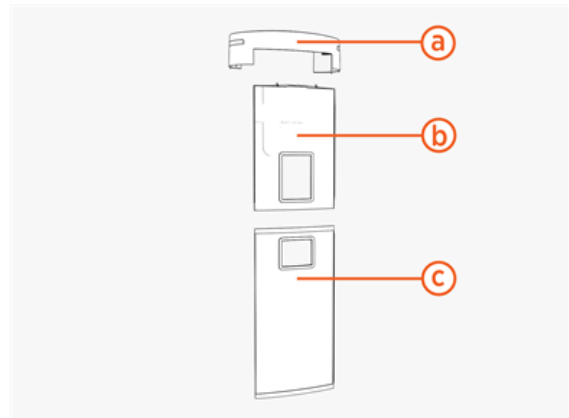
- Remove
- Install/Reinstall



- a. Top cap
- b. Upper trim
- c. CCOM trim (optional)
- d. Middle trim
- e. Upper cover
- f. Holster trim
- g. Lower trim
- h. Lower cover

B. Preassembled

- Remove
- Install/Reinstall



- a. Top cap
- b. Upper cover
- c. Lower cover

5. If you want to access a component in the upper or lower cabinet, power off and open the upper and/or lower door.

AFTER REPLACING THE COVERS, REVERSE THE ABOVE STEPS TO COMPLETE THE SERVICE.

IMPORTANT:



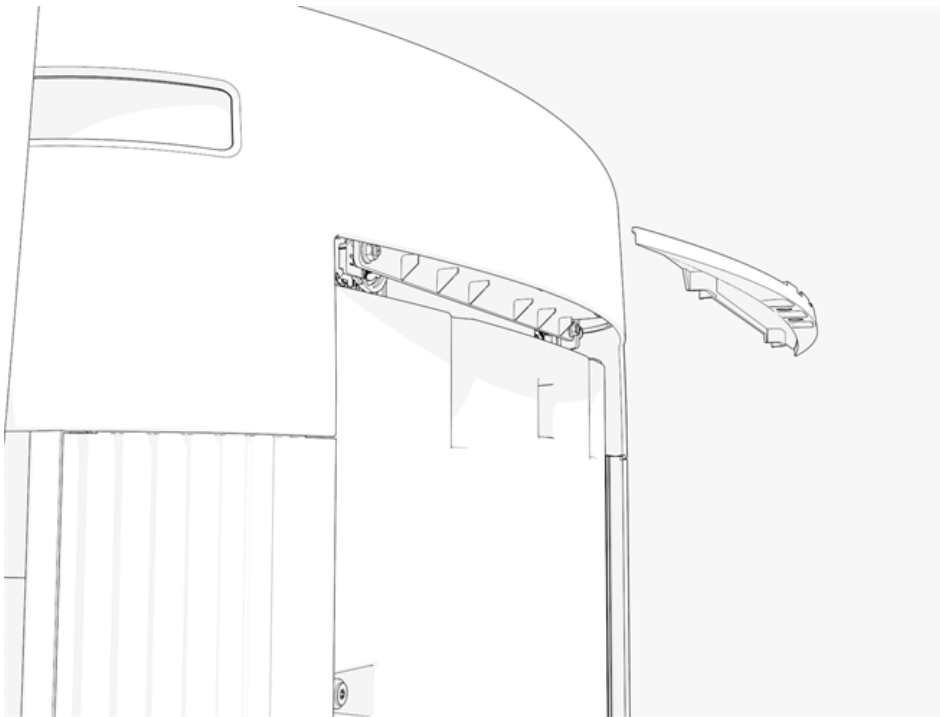
- Complete the post-service checklist.
- Contact ChargePoint regarding faulty part return.

Remove Unassembled Components

To remove unassembled components, complete the following steps:

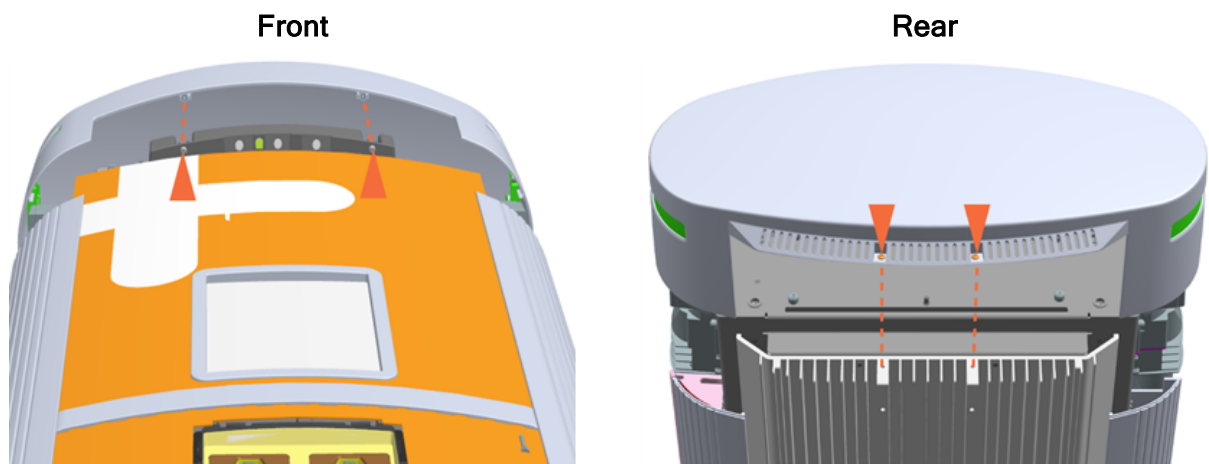
1. Upper trim (magnetic)

Pry under one side to release. Pull out the trim.



2. Top cap

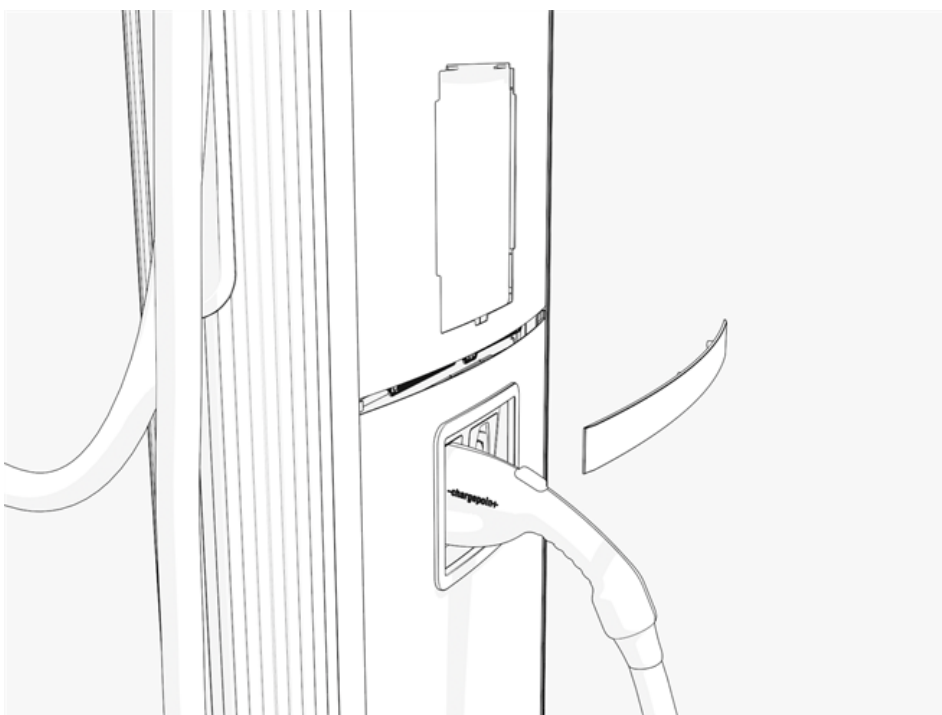
Loosen the two screws (use T25 security screwdriver) at the front and rear side, and lift off the top cap.



-
3. Optional: Control and Communication Module (CCOM) trim
Hold the top of the trim around the module. Pull up, down, and out.

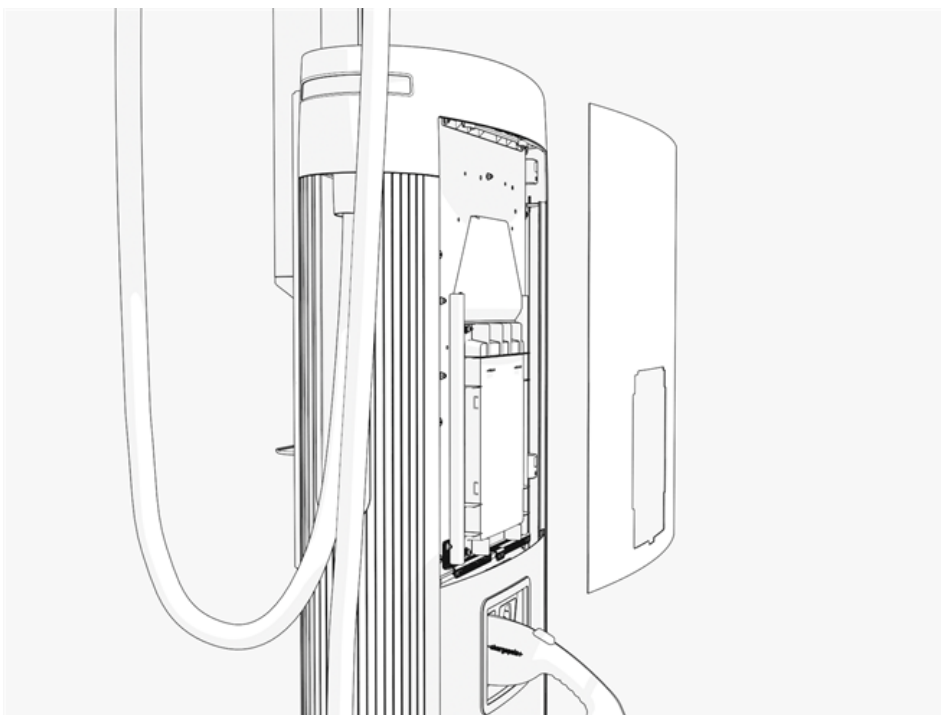


4. Middle trim
Snap out from clips at center and sides.



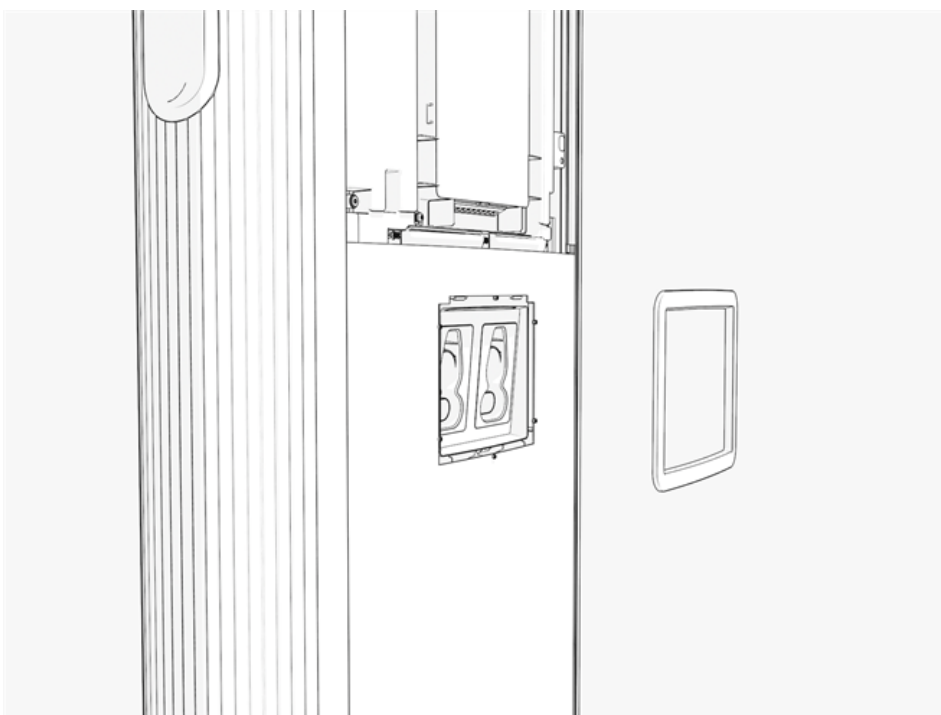
5. Upper cover

Reach up by the down light where the upper trim was. Pull out the upper cover.



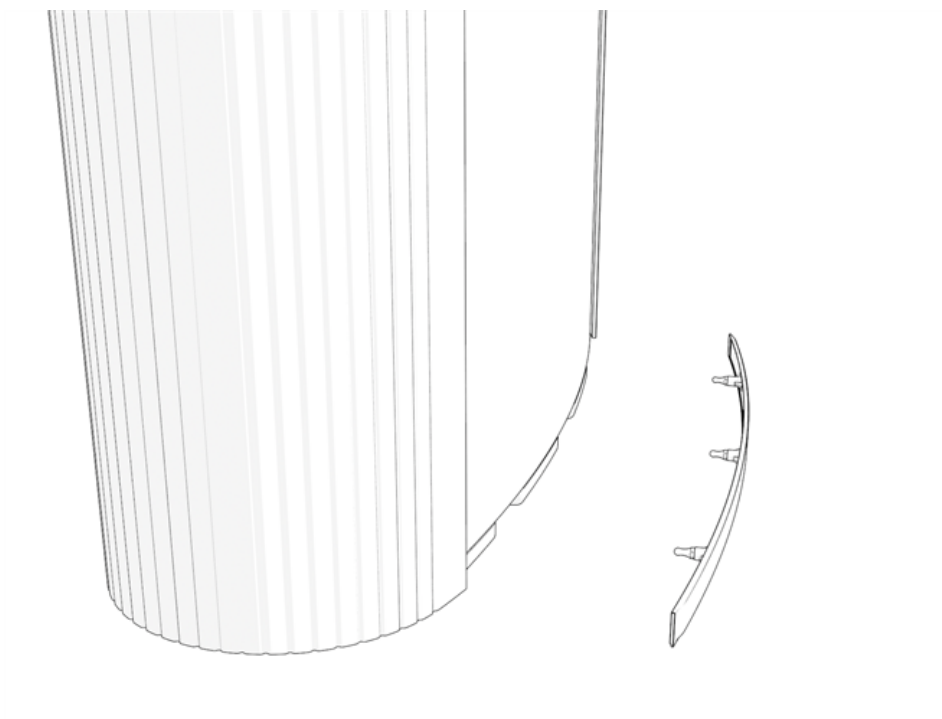
6. Holster trim

Hold the bottom of the holster trim. Pull down, up, and out.



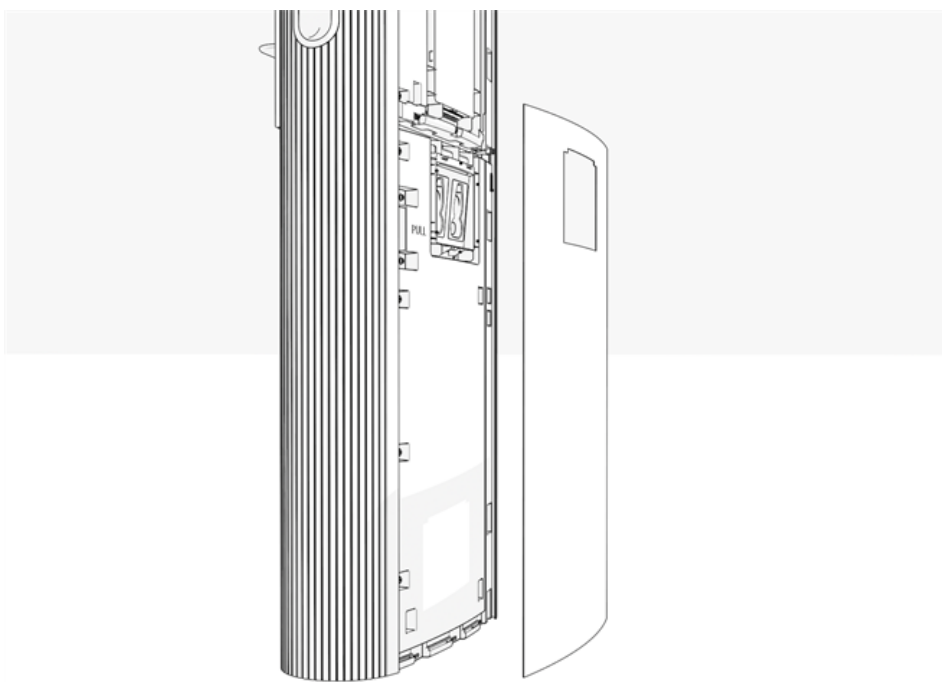
7. Lower trim

Pull out the lower trim.



8. Lower cover

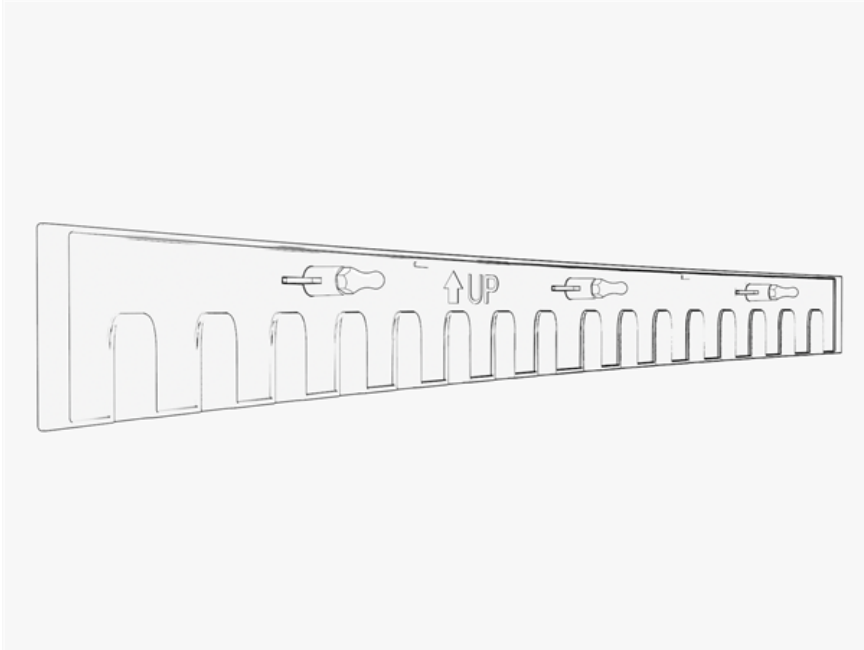
Push in each side of the lower cover to slide out.



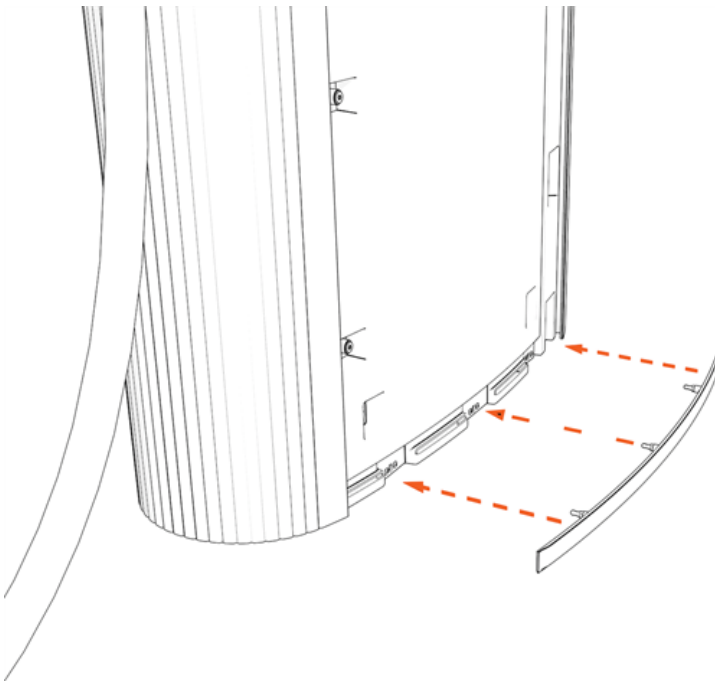
Install Unassembled Components

To install unassembled components, complete the following steps:

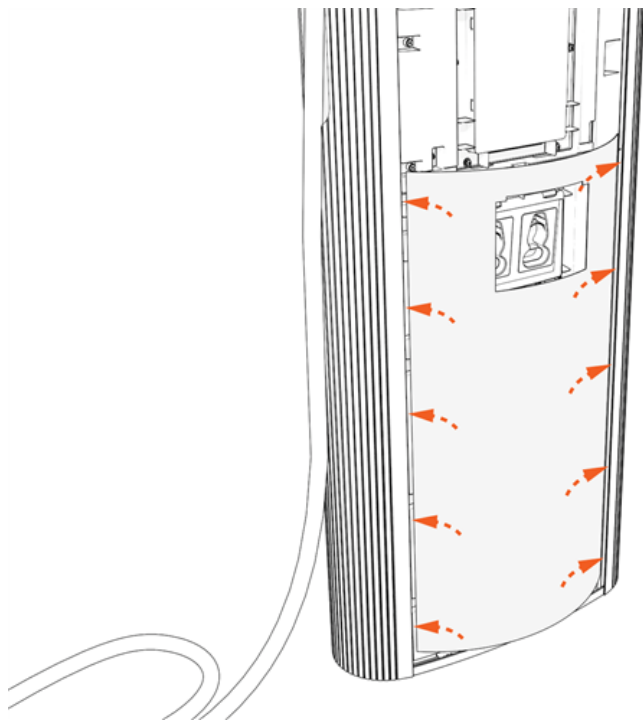
IMPORTANT: Notice the imprint on the trim shows which edge goes "UP."



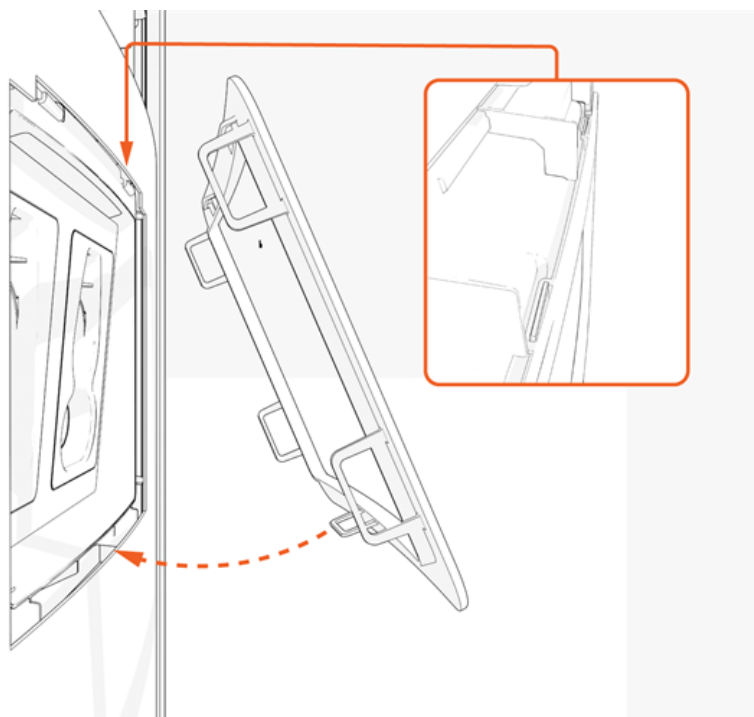
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1. Push in the lower trim until it engages with the center and side clips.



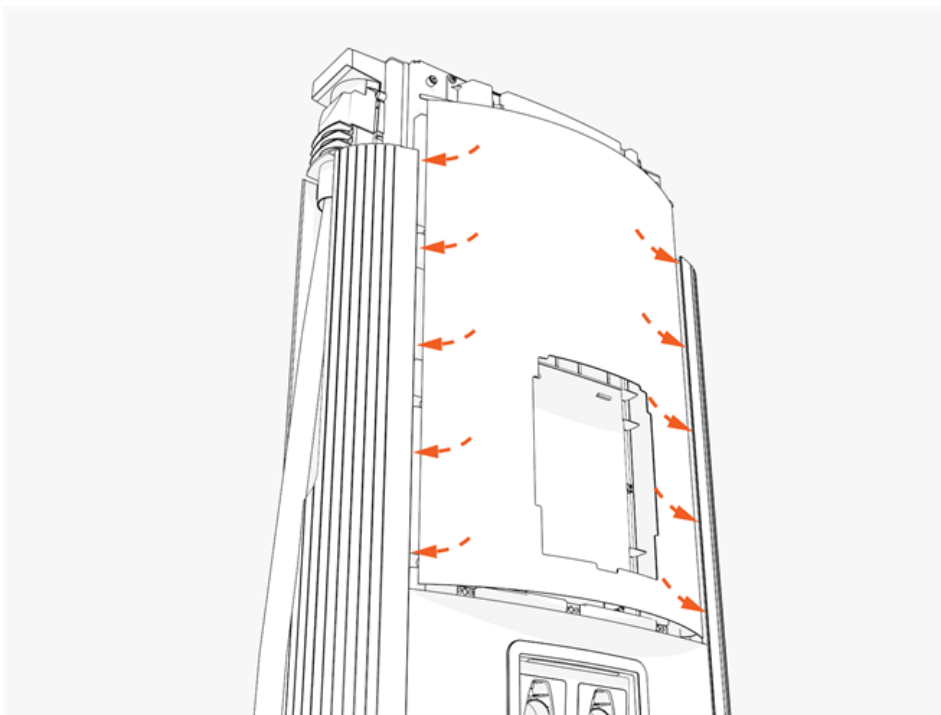
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2. Insert the lower cover behind the lower trim. Simultaneously insert both sides of the lower cover.



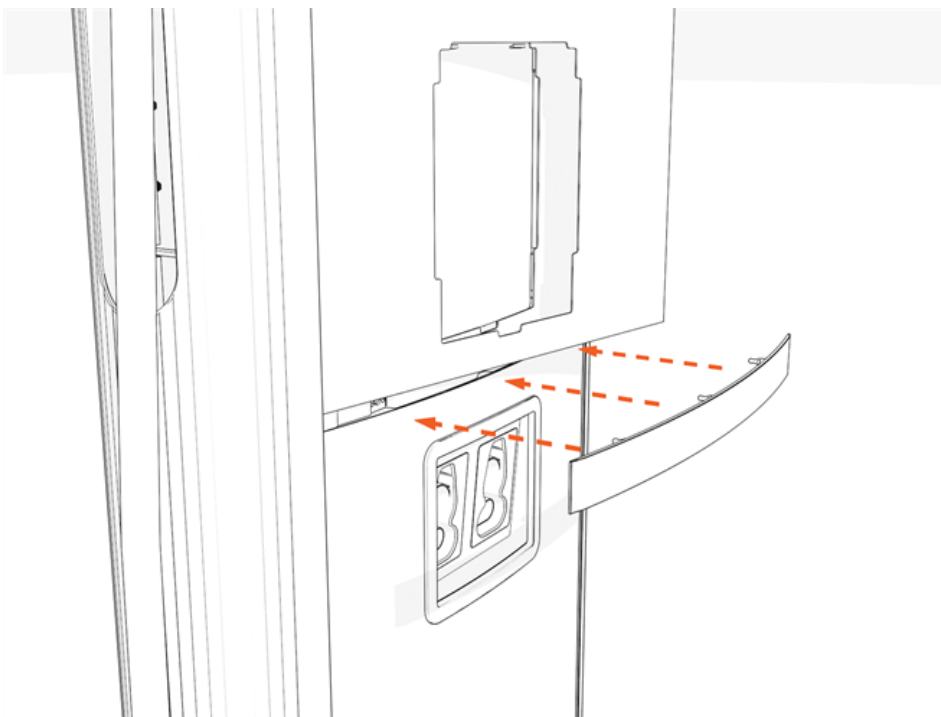
3. Hook the upper side of the holster trim onto two hooks and rotate in. Then, press the lower side of the trim into place.



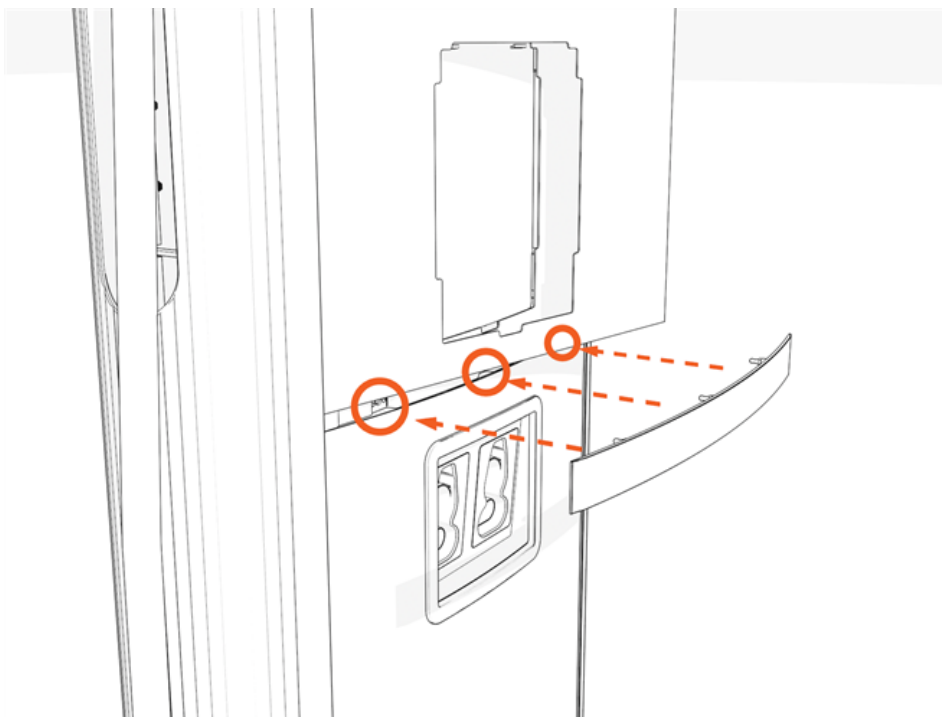
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4. Insert the upper cover into each side. **Note:** Logo is on upper left.



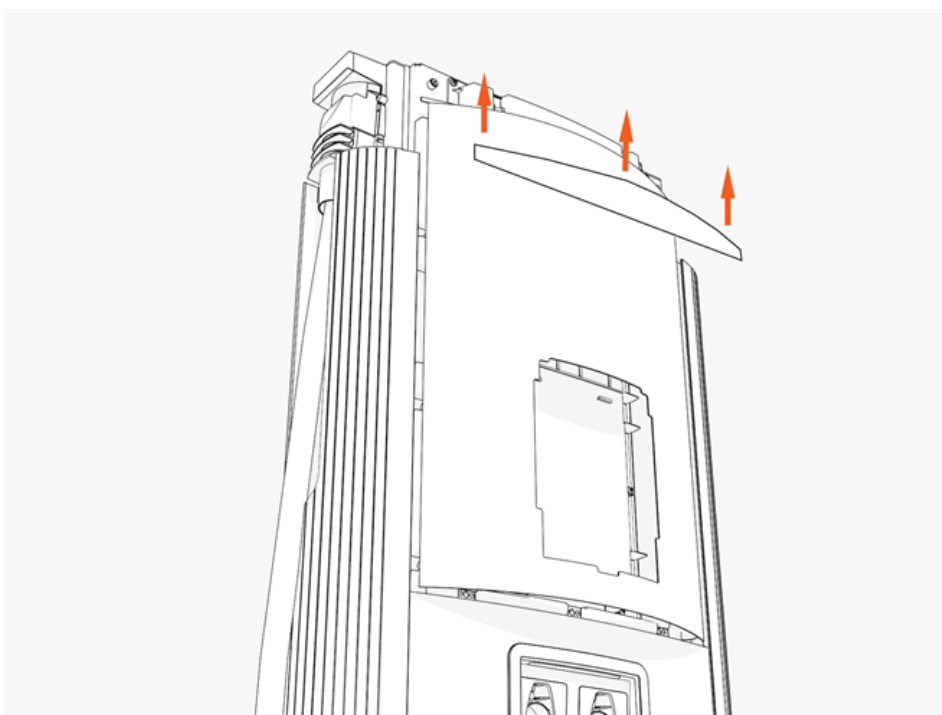
5. Align the upper cover and the ends of the middle trim. Hold the cover in position so that it does not block the trim clips.



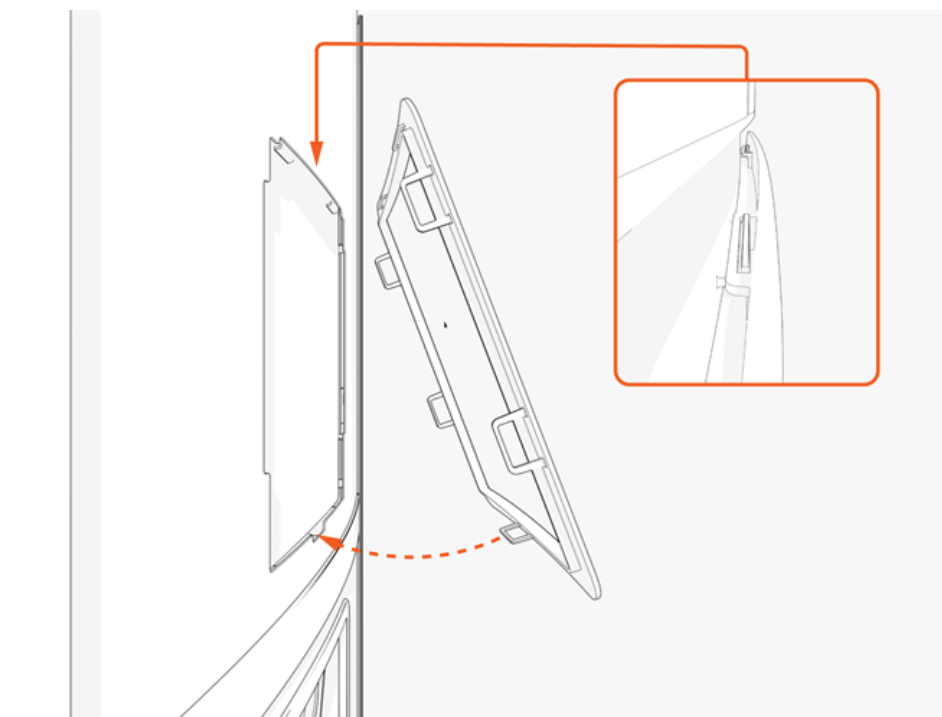
-
6. Push in the middle trim until it engages with the center and side clips.



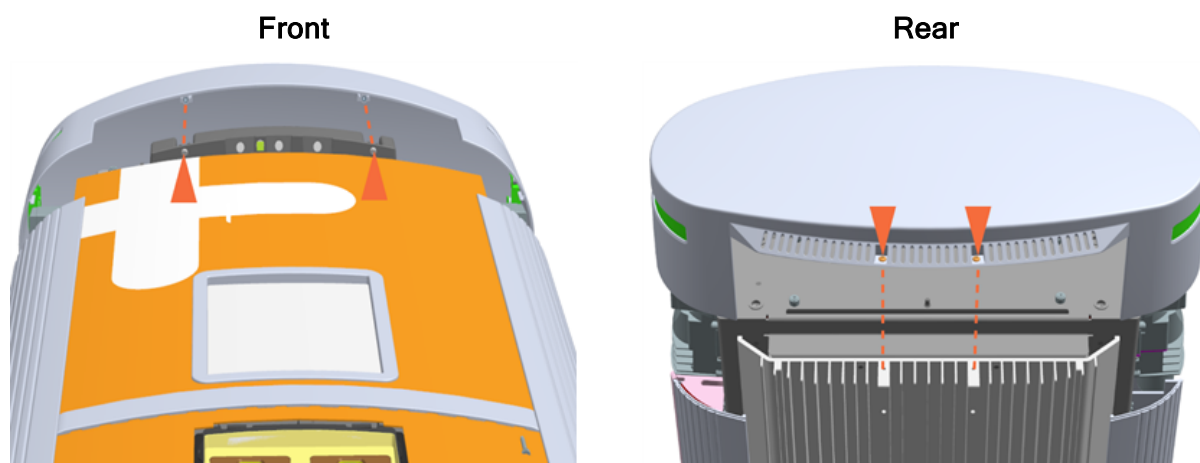
7. Align the upper trim with the magnetic side up. Insert the upper trim until it snaps into position.



8. Hook the upper side of the CCOM trim onto two hooks and rotate in. Then press the lower side of the trim into place.



9. Align the screws (x4) (two at front and two at rear) and install the top cap.



10. Torque the M5 screws (x2) at rear side to 2.8 Nm (25 in-lb) and M4 screws (x2) at front side to 1.7 Nm (15 in-lb) (use T25 security screwdriver).

Remove Preassembled Covers

To remove the preassembled covers, complete the following steps:

Top Cap

1. Position a stepladder so you can reach the top cap.

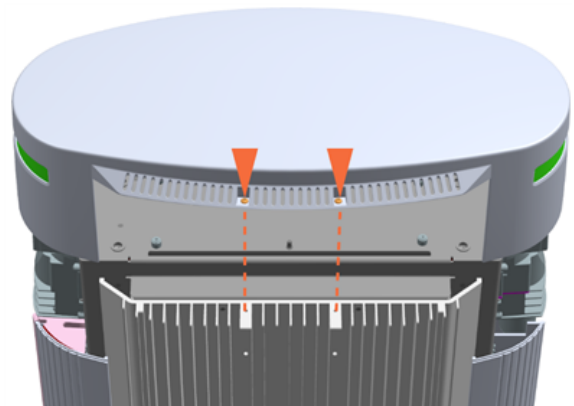


2. Loosen the two screws (use T25 security screwdriver) at front and rear side, and lift off the top cap.

Front

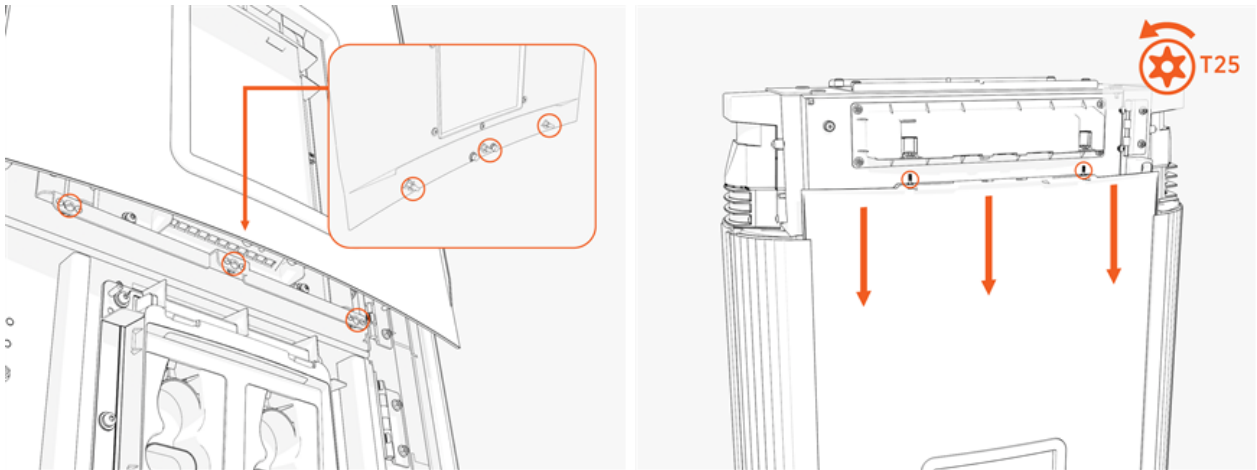


Rear

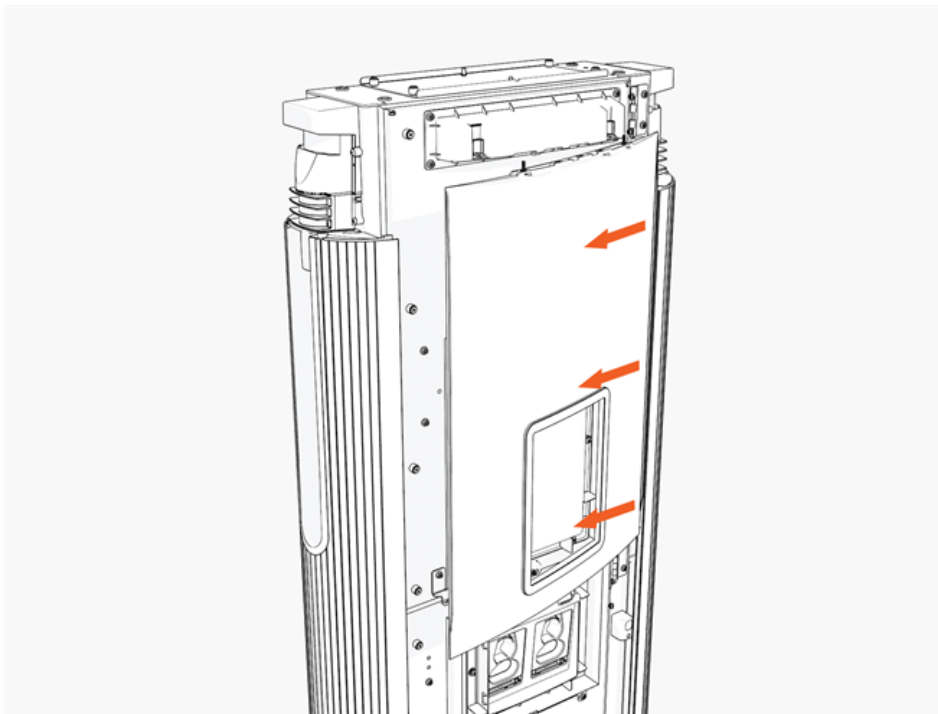


Upper Cover

1. Hold and flex the bottom center of the cover outward to remove the three ball studs out of the bracket on the upper door. While flexed, slightly slide the cover down to get the screws at the top edge of the cover out of the openings in the downlight housing.



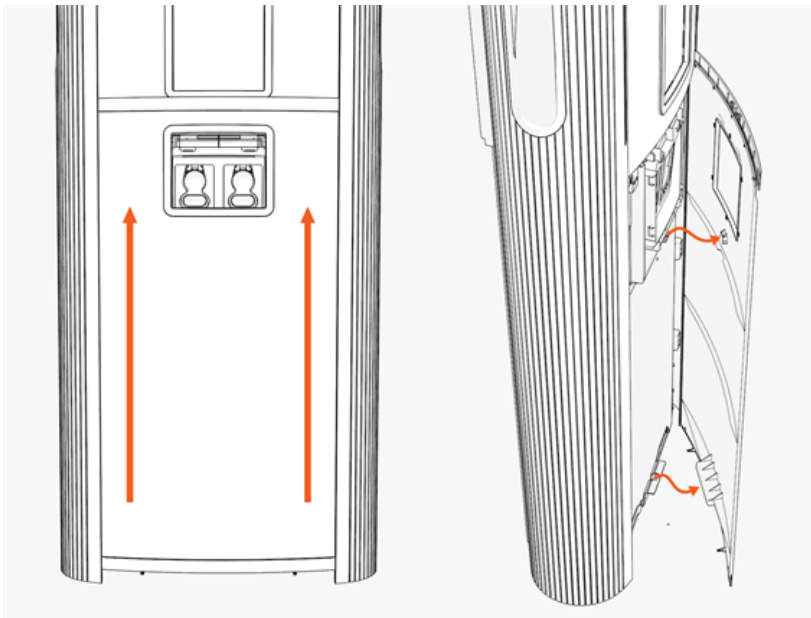
2. Slide the edge of the cover out of the groove.



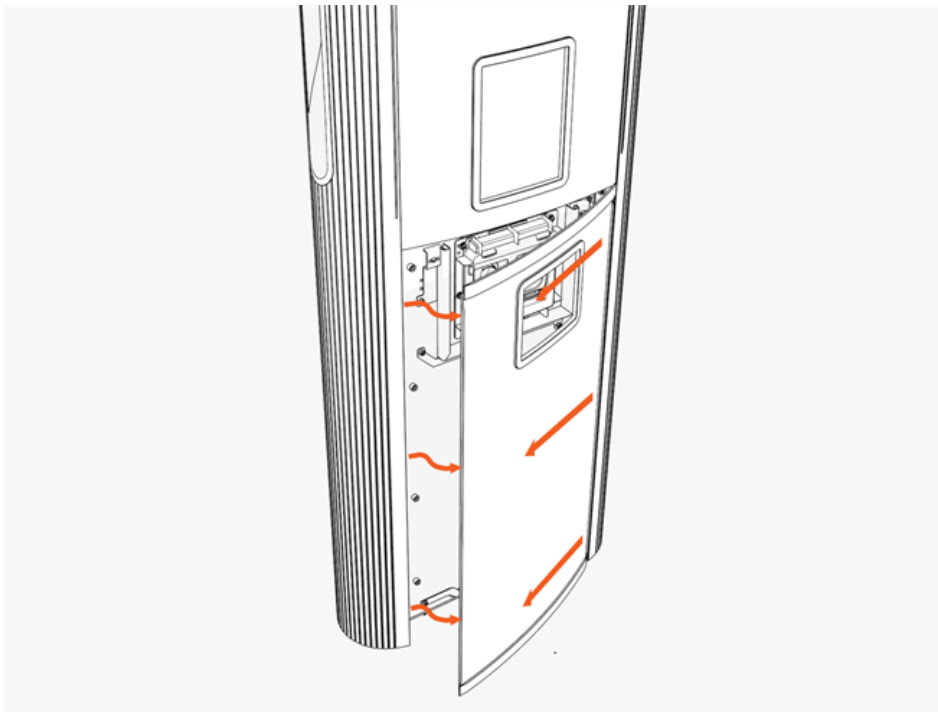
3. Rotate and bend out to slide the other edge out of the other groove.

Lower Cover

1. Slide the cover up. While sliding up, press on the lower edge of the holster trim and lower edge of the cover to release the hooks behind the cover.



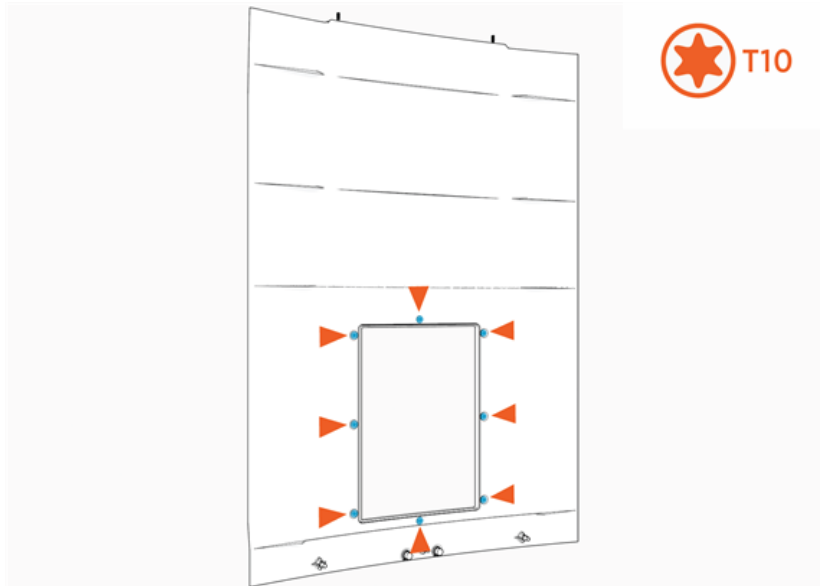
2. Slide the edge of the cover out of the groove and then rotate and bend out to slide the other edge out of the other groove.



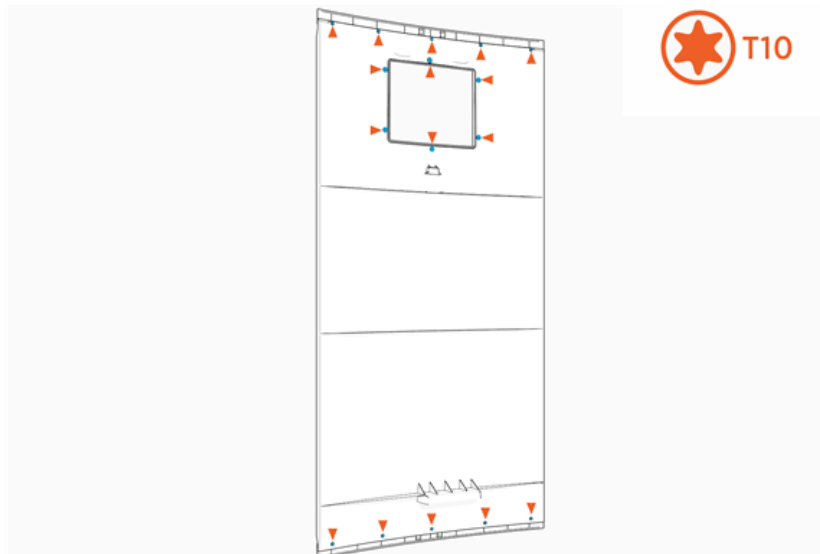
Replace ChargePoint Vinyls with Custom Branded Vinyls

To replace ChargePoint vinyls with custom branded vinyls, complete the following steps:

1. Remove unassembled components or preinstalled covers.
2. (Skip this step for unassembled components) Remove the trims (x4) on the upper and lower covers.
 - a. Remove the M3 Torx screws (x24).
 - Upper cover screws (x8)



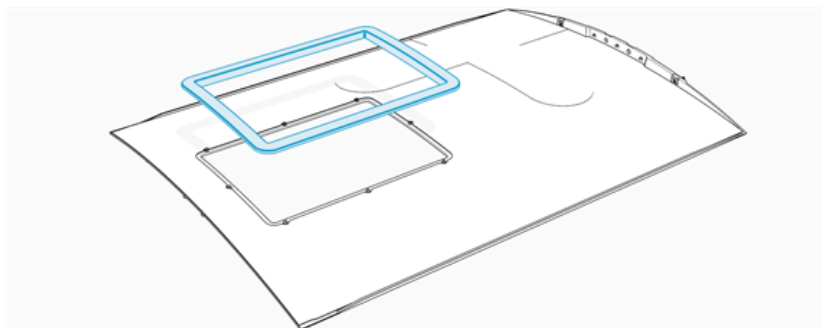
- Lower cover screws (x16)



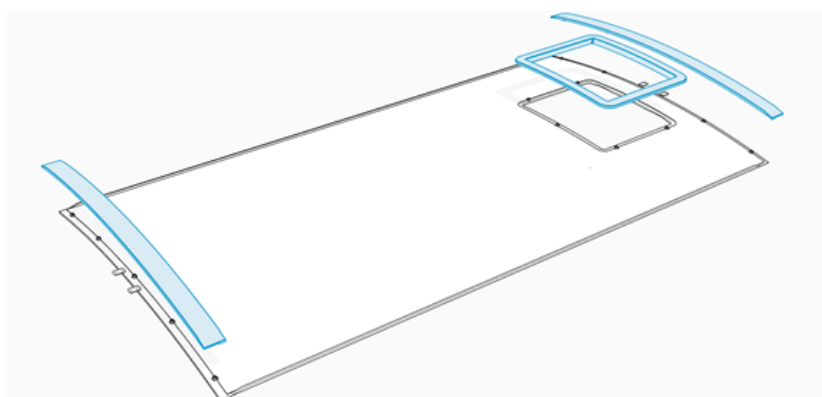
Reinstall Note: Torque these screws to 0.57 Nm (5 in-lb).

b. Remove the trims (x4) and keep them aside to reinstall later.

- Upper cover trim

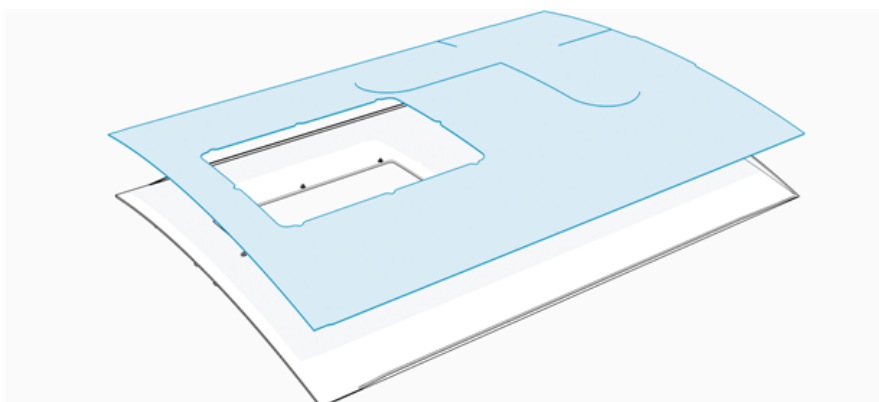


- Lower cover trims (x3)

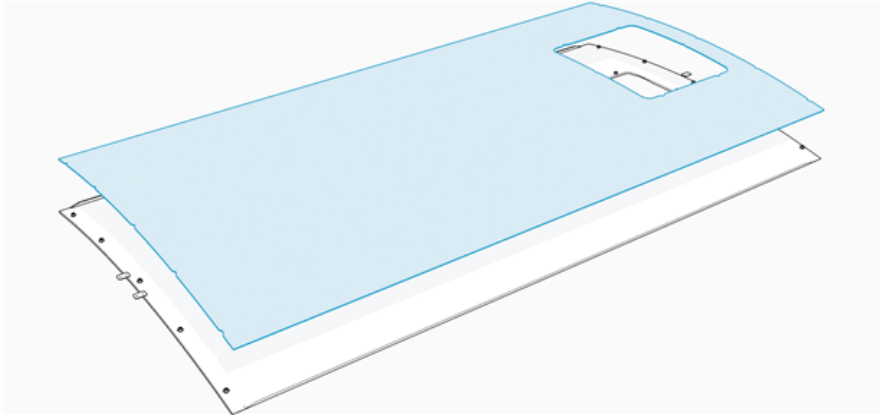


3. Peel off the ChargePoint branded vinyls.

- Upper cover vinyl



-
- Lower cover vinyl

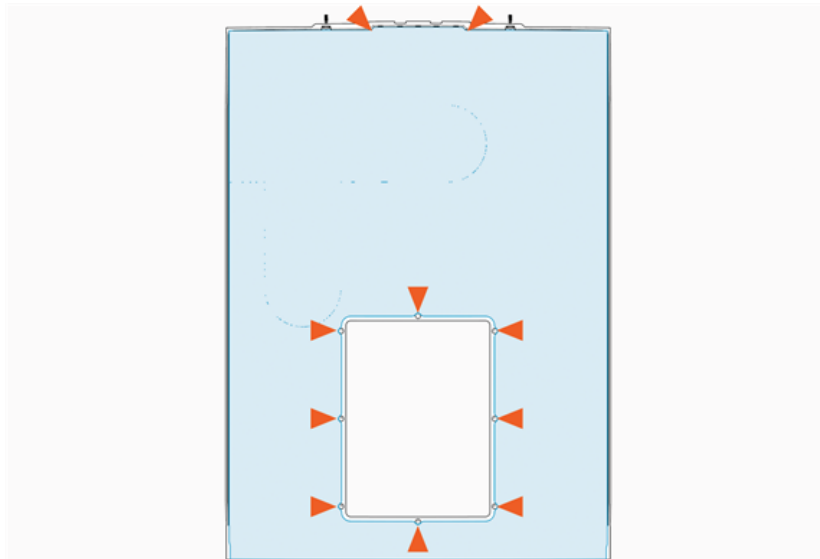


4. Use an isopropyl pad to clean the adhesive residue and dust off the cover surfaces.
5. Affix the new custom branded vinyls.

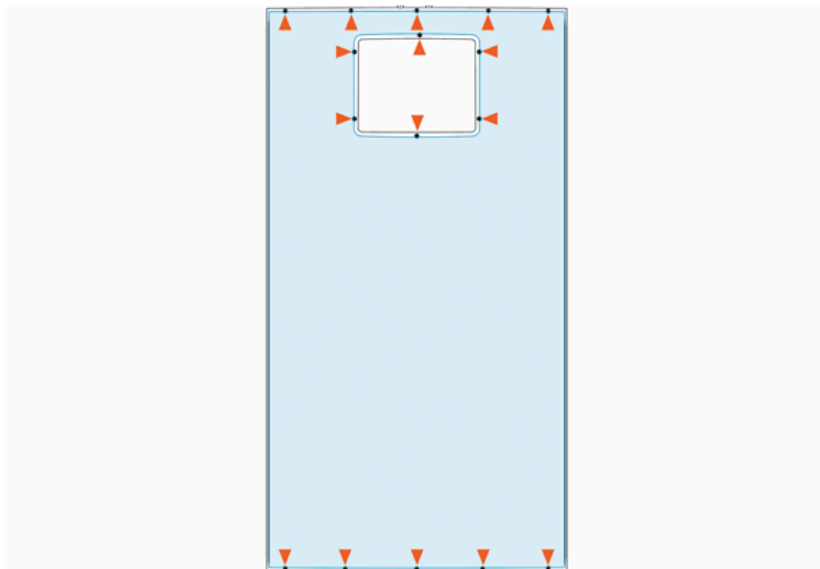


CAUTION: Avoid scratching and stretching the vinyls while laying them.

-
- a. Remove the adhesive strip from the middle of the vinyl's back.
 - b. Use the screw and trim cutouts in the middle of the vinyl to align it with the cover.
 - Cutouts on upper cover vinyl (x10)



- Cutouts on lower cover vinyl (x16)



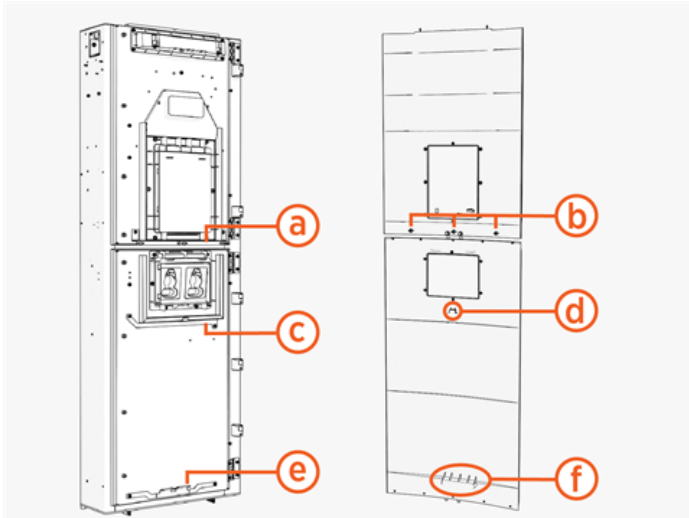
- c. Once aligned, gently press down on the adhesive surface to attach it to the cover.
 - d. Once the middle of the vinyl is attached, remove the adhesive strip on the left or right side of the vinyl.
 - e. Align the vinyl's edges with the cover and check for creases before attaching the adhesive surface to the cover. Repeat for the adhesive strip on the other side.
6. (Skip this step for unassembled components) Reinstall the trims (x4) onto the upper and lower covers.

-
7. Reinstall unassembled components or preinstalled covers.

Install Preassembled Covers

To install preassembled covers, complete the following steps:

1. Notice the three brackets on the doors. Pins and hooks on the covers fit into these.



Upper door and cover:

(a) Upper bracket with three clips

(b) Three pins

Lower door and cover:

(c) Middle bracket

(d) Middle hook

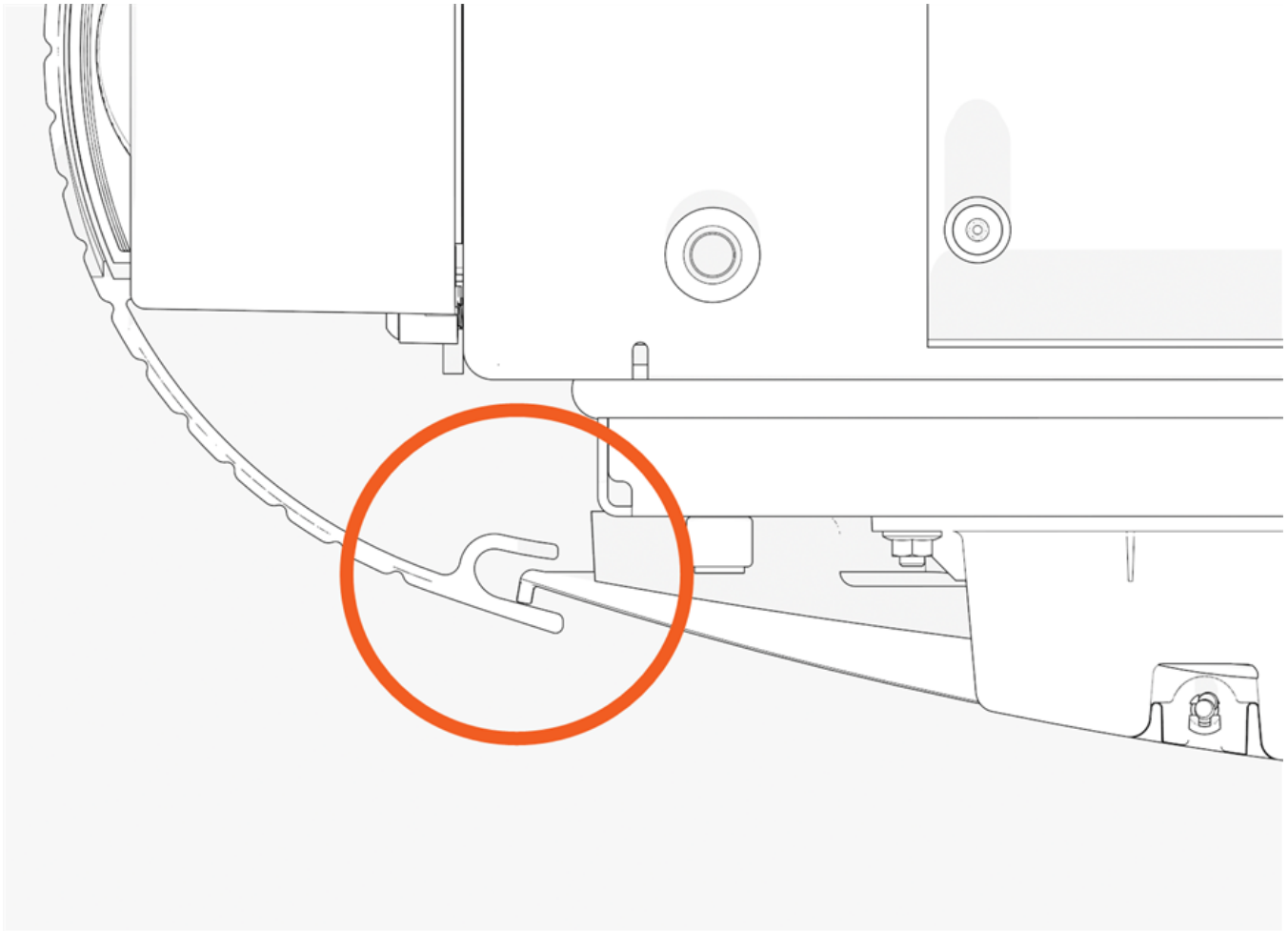
(e) Lower bracket

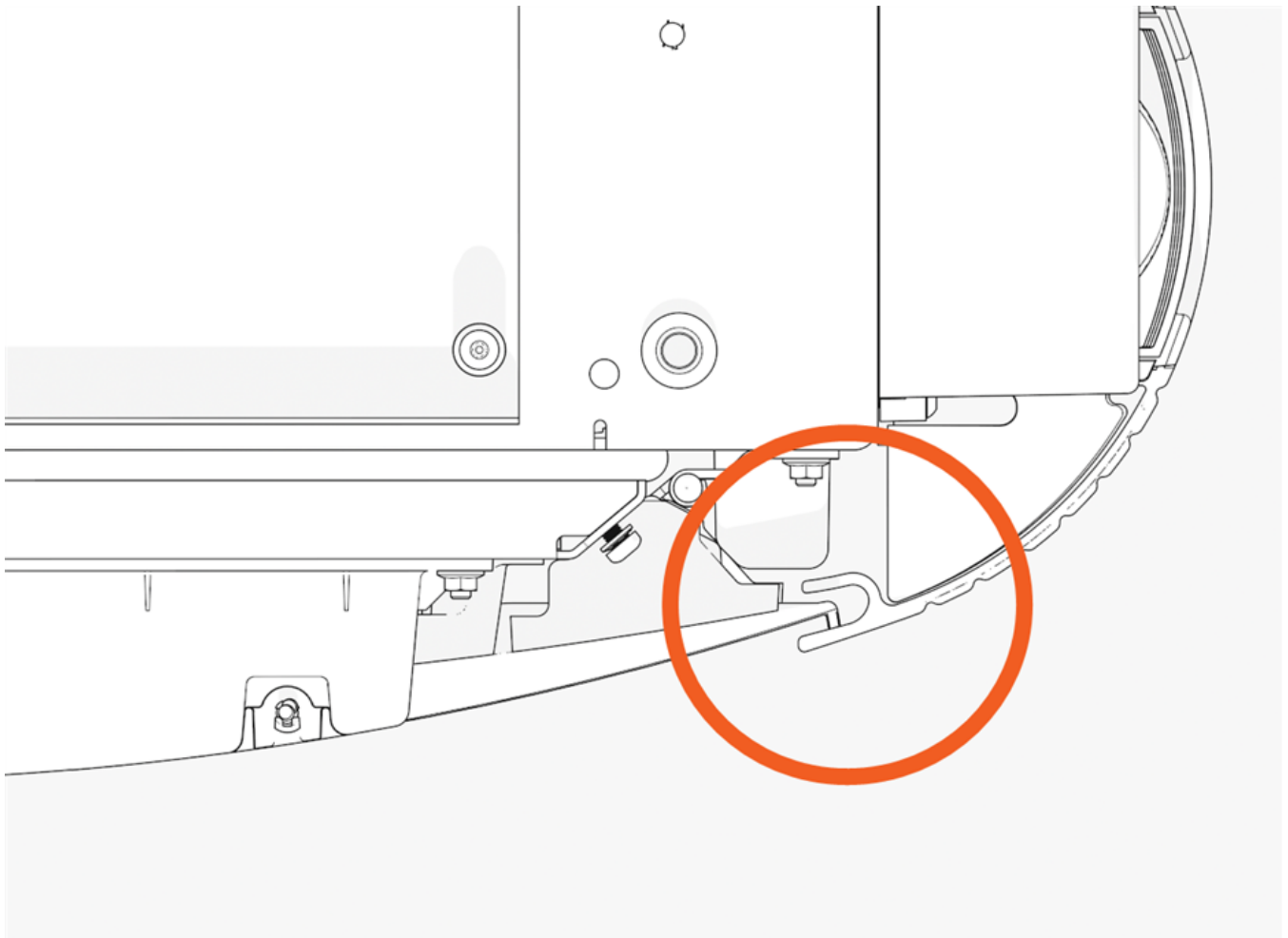
(f) Lower hook

Front Covers



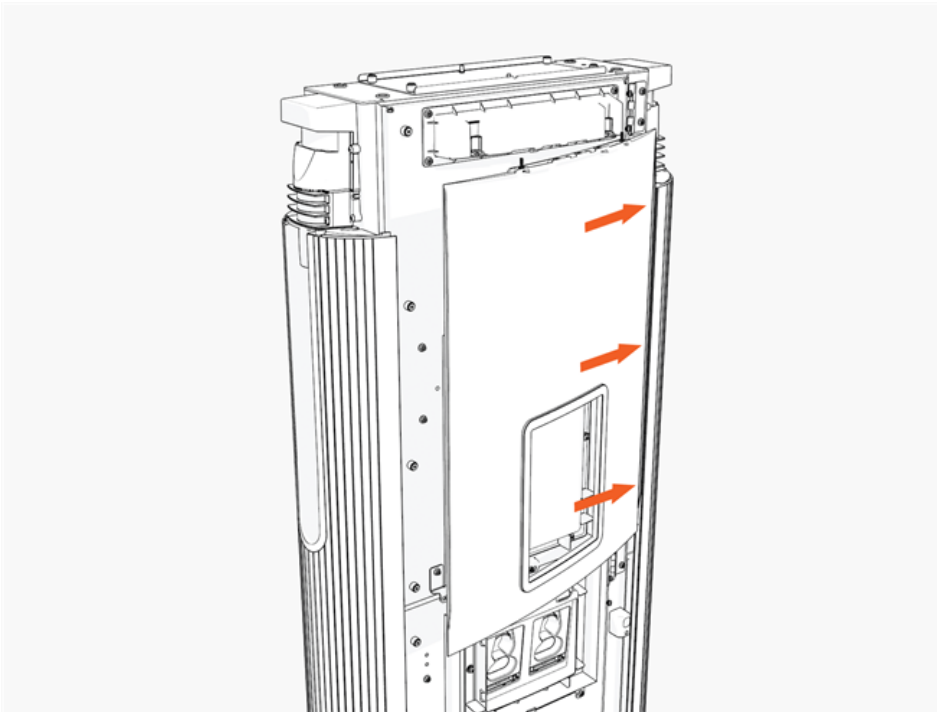
IMPORTANT: The upper and lower covers fit into vertical grooves at the right and left. Notice the location of the grooves when viewed from the top.



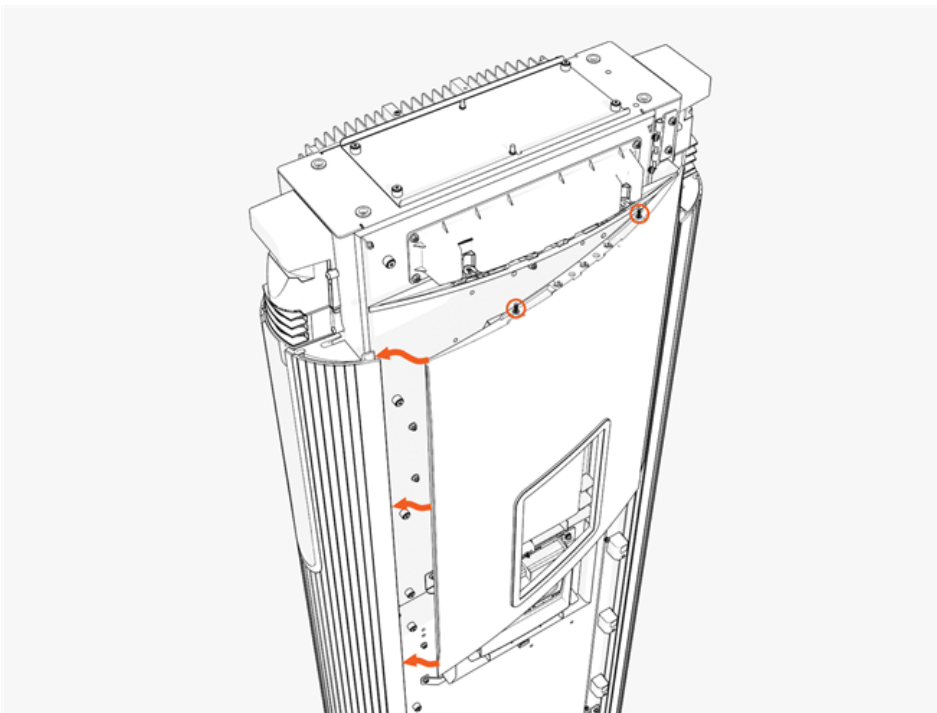


Upper Cover

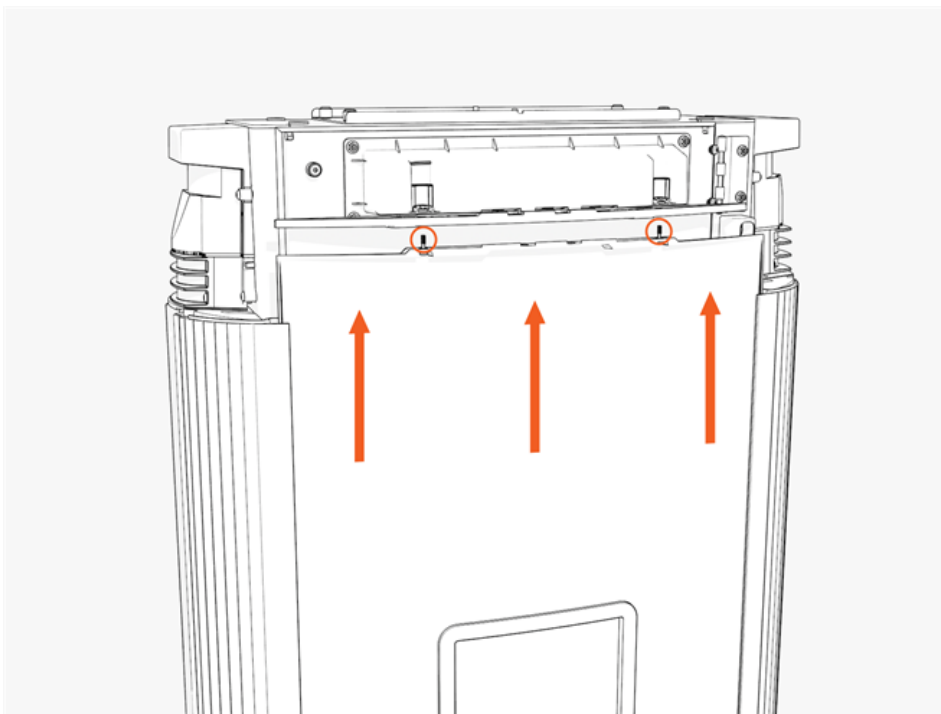
1. Slide the left or right edge of the cover into the left or right groove.



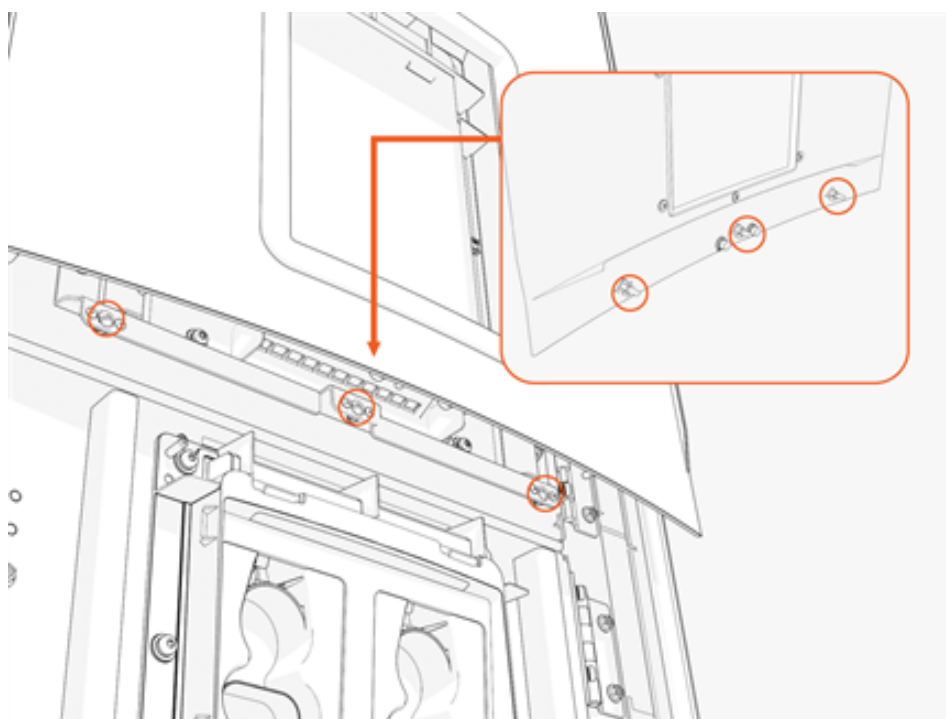
2. Rotate and bend in to slide the other edge into the other vertical groove.
While rotating in, ensure the captive screws at the top edge of the cover do not come in contact with the downlight housing.



3. Hold and flex the bottom center of the cover slightly outward and slide it up to mate with the downlight housing. Align and seat the captive screws with the openings in the downlight housing (screws will be tightened later when the top cap is installed).



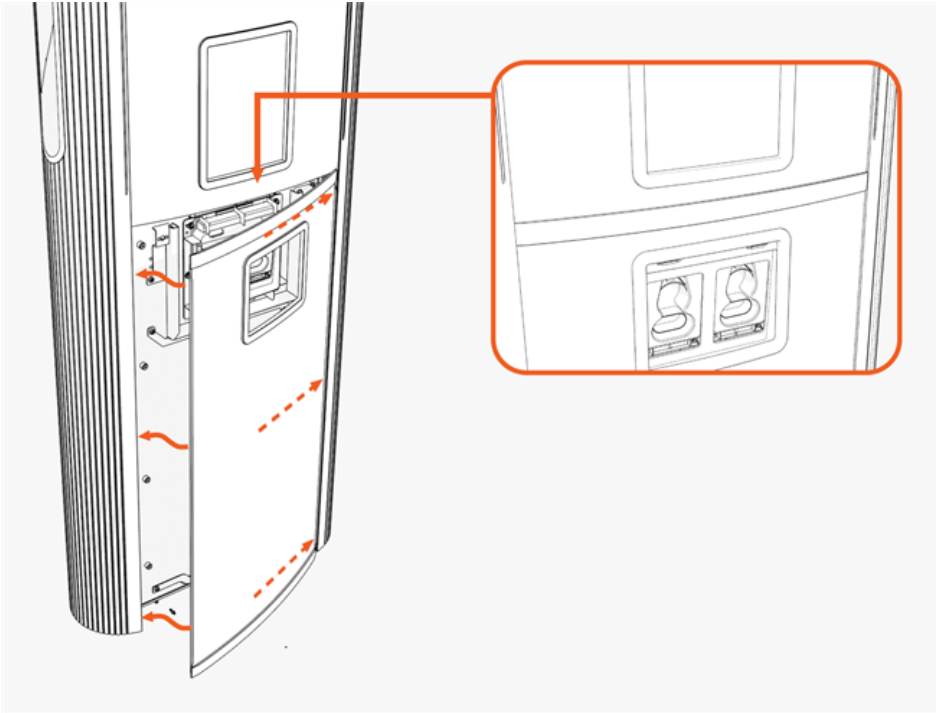
While flexed, align the three ball studs on the cover with holes into the bracket on the door, and press the cover in to clip in the ball studs.



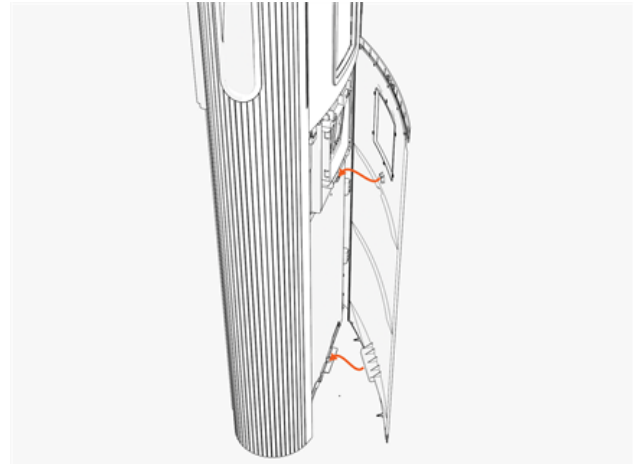
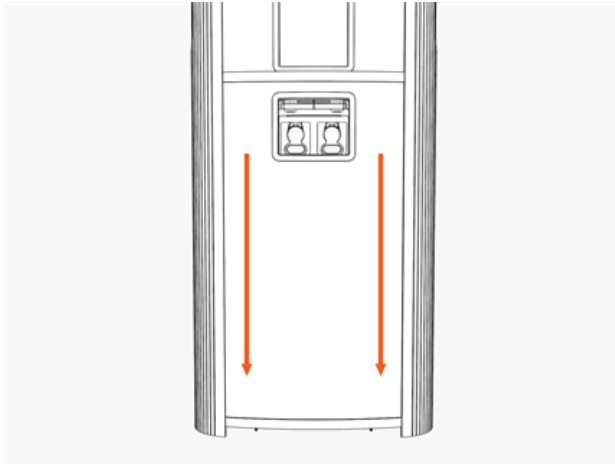
Lower Cover

1. Slide the left or right edge of the cover into the left or right groove and then rotate and bend in to slide the other edge into the other vertical groove.

While sliding in the edges, hold the top edge of the lower cover just below the lower edge of the CCOM trim, or overlap the top portion of the lower cover about 30-35 mm (1.25-1.5 in) over the bottom portion of the upper cover.

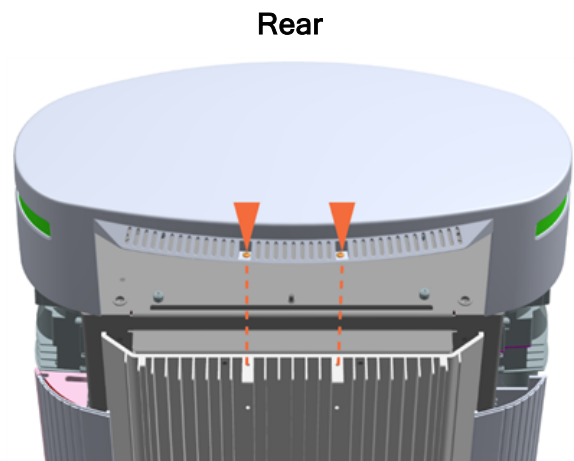
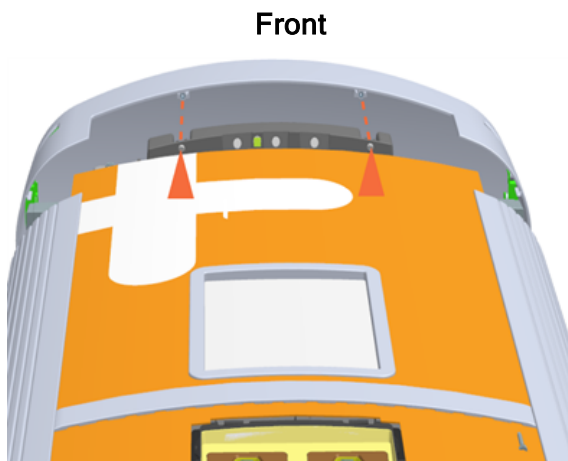


2. Check the top and bottom corners to make sure the edges are seated in the groove, and then slide the cover down. While sliding down, press in on the lower edge of the holster trim and lower edge of the cover to engage the hooks behind the cover.



Top Cap

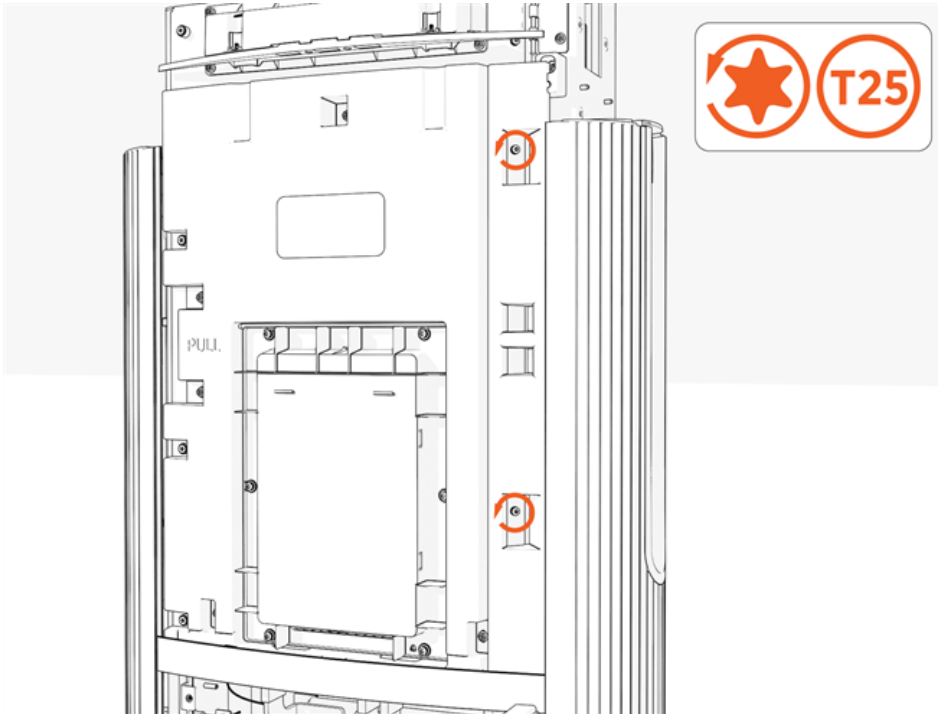
1. Align the screws (x4) (two at front and two at rear) and install the top cap.



2. Torque the M5 screws (x2) at rear side to 2.8 Nm (25 in-lb) and M4 screws (x2) at front side to 1.7 Nm (15 in-lb) (use T25 security screwdriver).

Upper or Lower Door

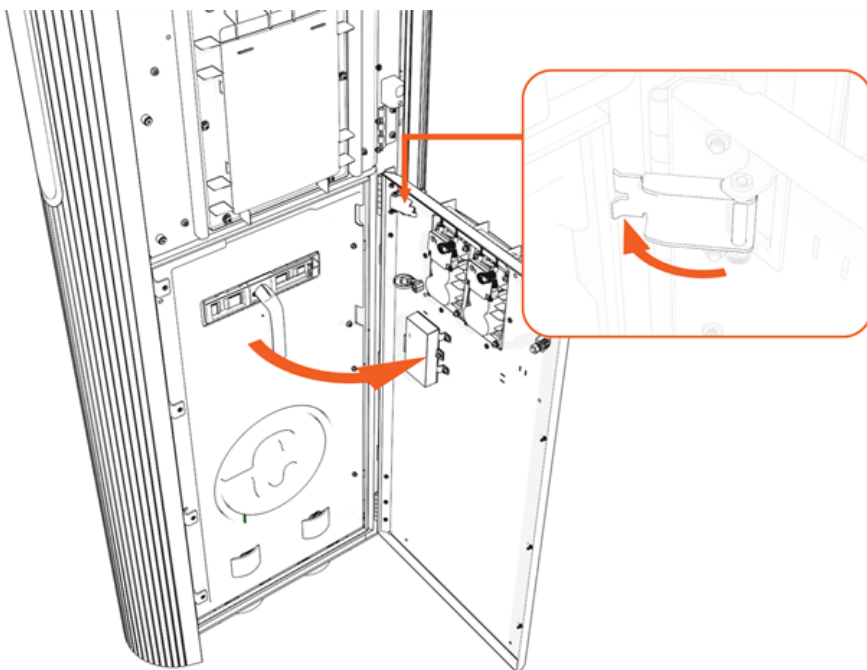
1. Loosen the two screws from the door bracket (only if covers are unassembled).



Hold the middle of the door bracket. Lift and tilt out.

2. Uninstall the four screws (use T25 security screwdriver) along the left side to open the door.

-
3. At the hinges inside the door, rotate the orange-colored wind stops into the door gap (to prevent the door from accidentally closing while you work).



Covers Upgrade Kit 4

Covers Upgrade Kit

This topic provides information on servicing and replacing the covers upgrade kit.

Bring These Tools and Materials



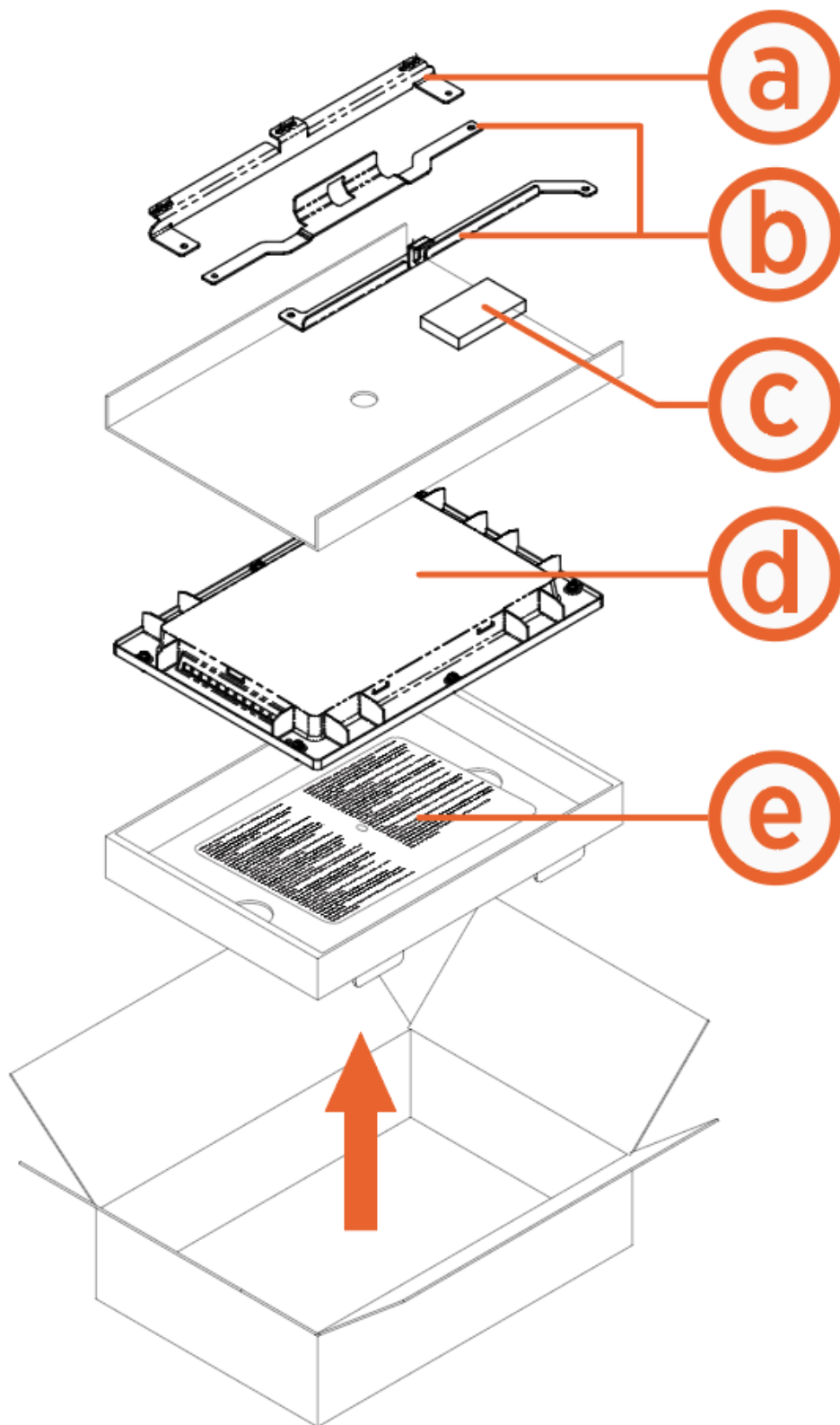
T25 security screwdriver



8 mm socket

Kit Components

This kit is for replacing the unassembled components with preassembled covers.

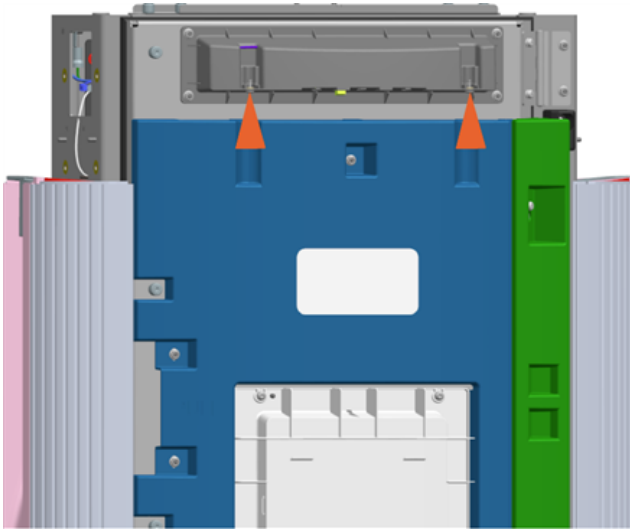


- (a) Upper cover mount bracket
- (b) Lower cover mount brackets (x2)
- (c) M5 nuts for mount brackets (x6)
- (d) CCOM lens bracket

(e) Safety label

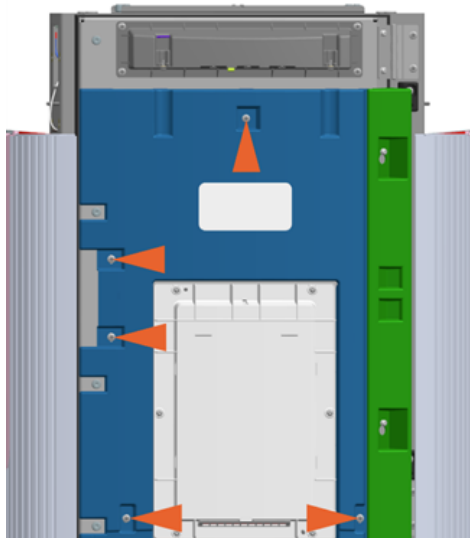
Before You Begin

1. Refer to the site drawings and identify the charging stations to be serviced.
2. End all charging sessions and activity for the stations to be serviced.
3. Lift the charging cable off the holster.
4. Remove all unassembled components.
5. Remove the captive screws (x2) on the area downlight housing.

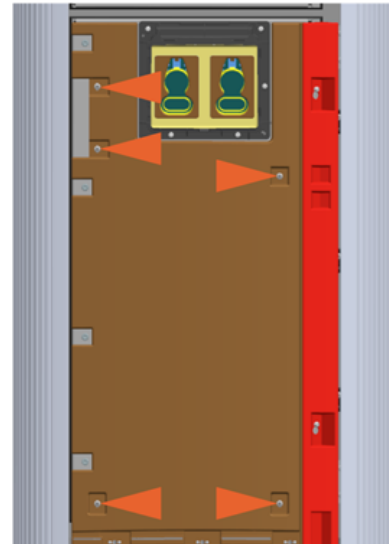


6. Remove the thermoformed door faces (x2) and brackets (x2).
 - a. Remove the M5 nuts (x5) (use 8 mm socket) on the upper and lower door faces to remove them.

Upper Door Face

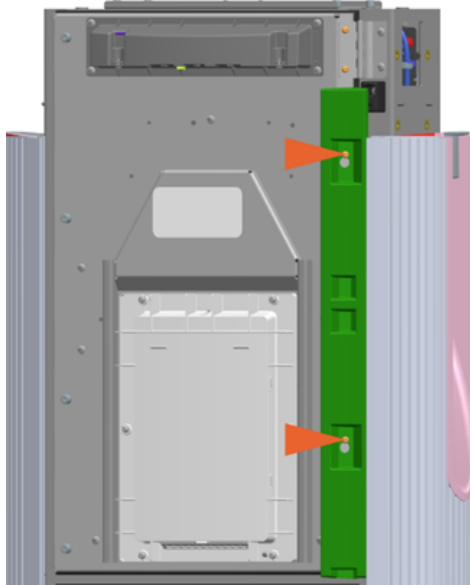


Lower Door Face

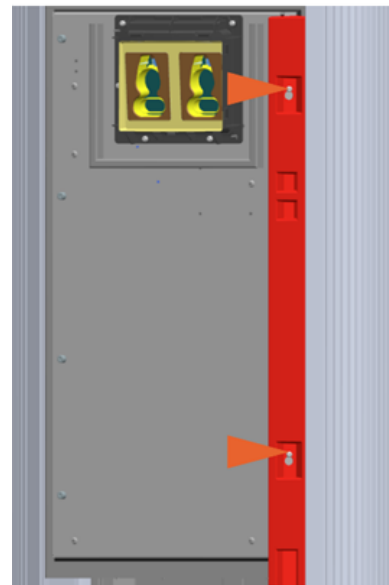


- b. Loosen the M5 screws (x2) (use T25 security screwdriver) on the upper and lower door brackets, and slide them up to disengage the keyholes.

Upper Door Bracket



Lower Door Bracket

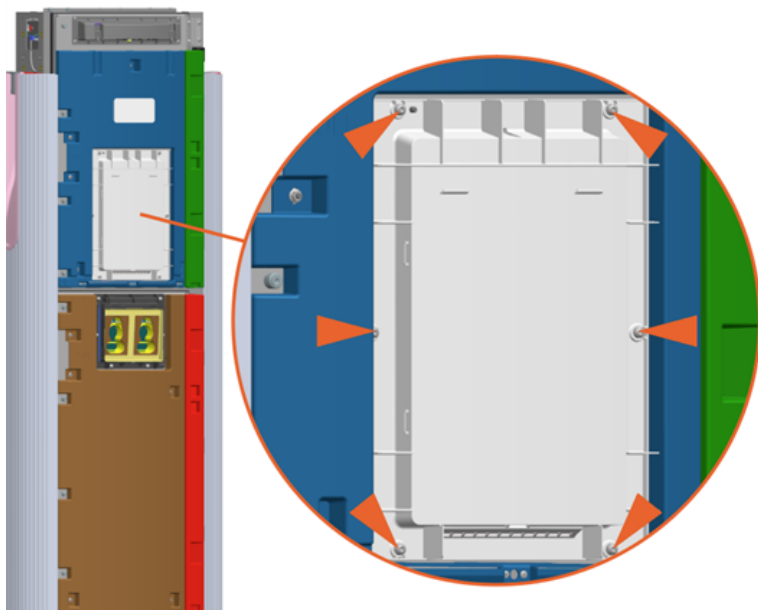


Replace CCOM Lens Bracket

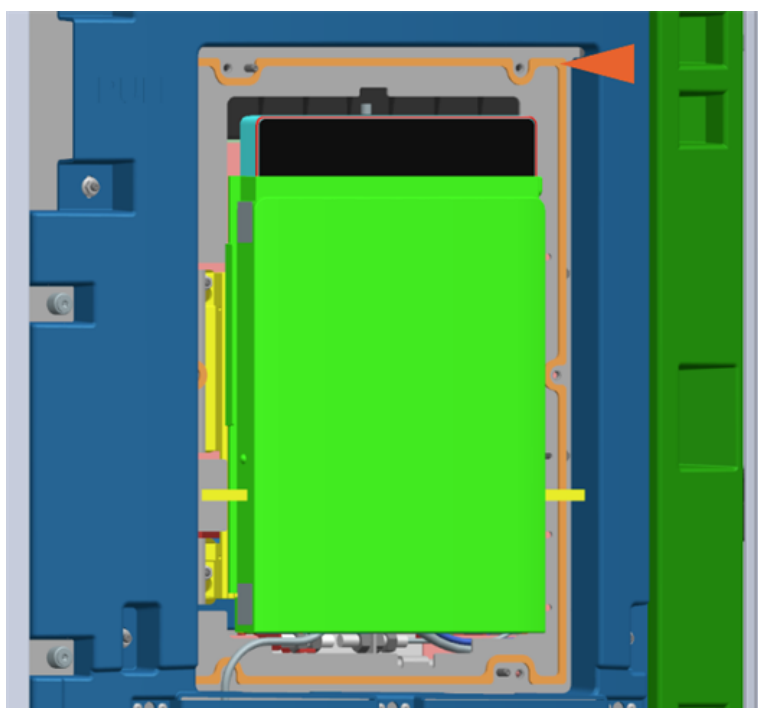
To replace the CCOM lens bracket, complete the following steps:

Remove

1. Remove the M5 screws (x6) (use T25 security screwdriver).

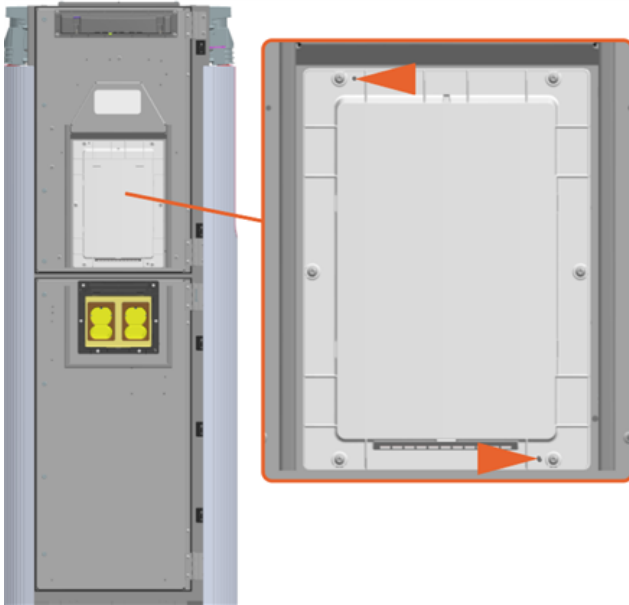


2. If necessary, remove the gasket.

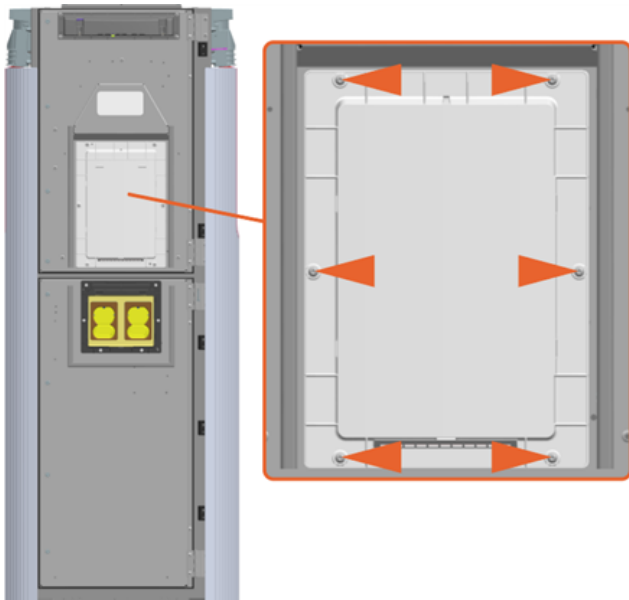


Reinstall

1. Align and install the new lens bracket onto the two alignment pins.

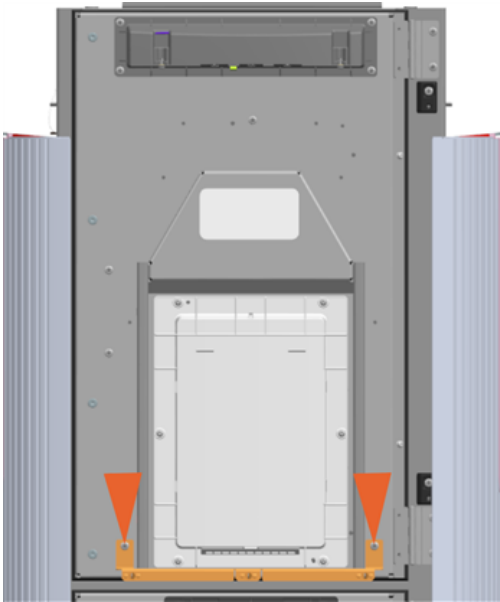


2. Reinstall the M5 screws (x6) (use T25 security screwdriver). Torque to 2.8 Nm (25 in-lb).

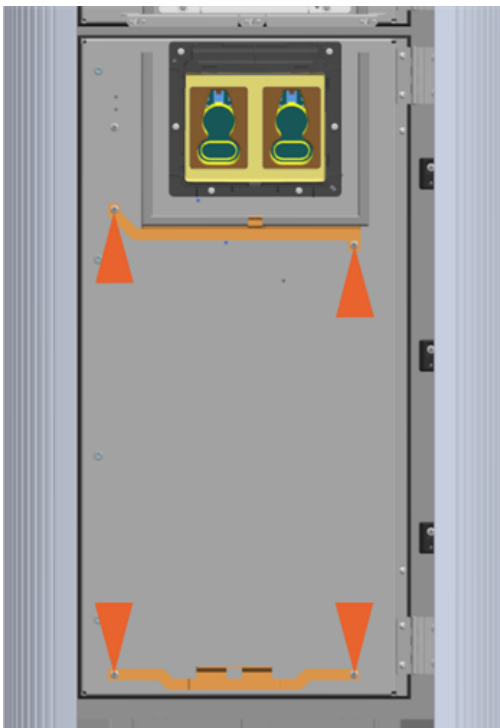


Install Cover Mount Brackets

1. Position the upper cover mount bracket and install the M5 nuts (x2) (use 8 mm socket) to secure the bracket.



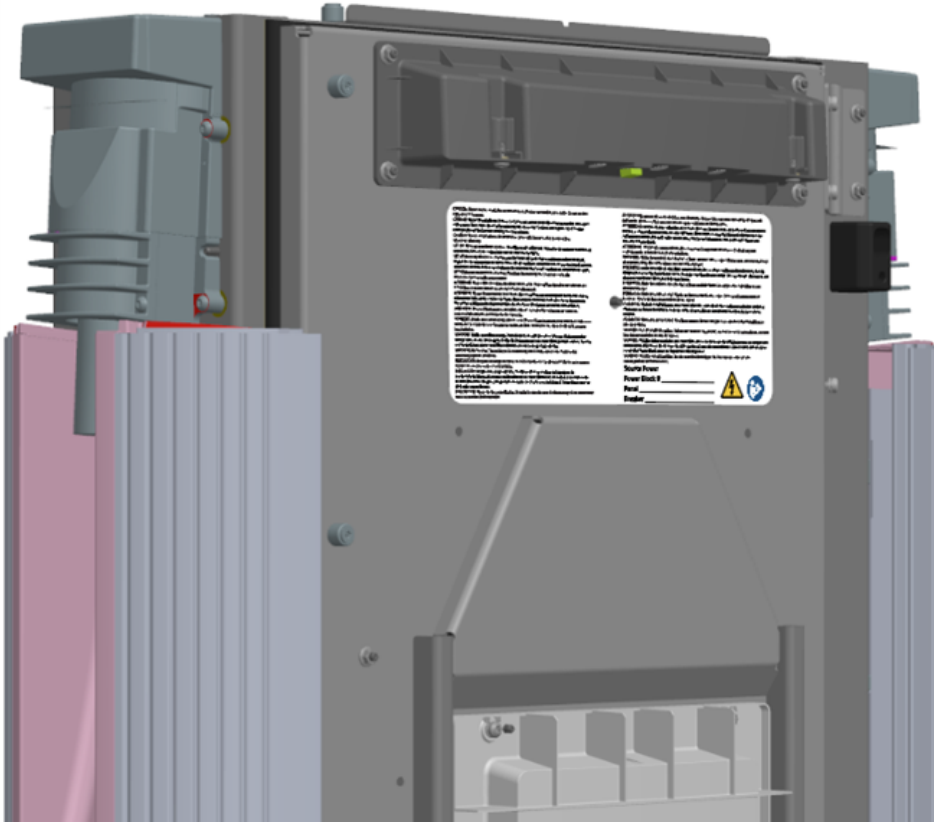
2. Position the two lower cover mount brackets and install M5 nuts (x2) (use 8 mm socket) on each to secure the brackets.



3. Torque the M5 nuts (x6) to 4.5 Nm (40 in-lb).

Affix Safety Label

1. Find the new safety label in the kit packaging (see [Kit Components](#)).
2. Affix it on top of the upper door by aligning the hole in the middle of the label with the stud on the door.



Complete Service

1. Install preassembled covers.
2. Return each charging cable to the holster.

IMPORTANT:



- Complete the post-service checklist.
 - Contact ChargePoint regarding faulty part return.
-

Side Panels (Pedestal Mounted) 5

This topic provides information on servicing and replacing side panels (pedestal mounted). To replace the side panels, complete the following steps:

Bring These Tools and Materials



T25 security screwdriver



Stepladder

Before You Begin

1. Power off the charging station at the site electrical panel.
2. Lift charging cable connector off the holster.
3. Determine if the Power Link 1000 has preassembled covers or unassembled components, remove them as necessary.
4. Open the lower door.

-
5. If applicable, remove the lower bus bar safety cover.

DANGER: RISK OF SHOCK



- Do not remove the lower bus bar safety cover (cover on the maintenance switch) without disconnecting power at the site electrical panel or AC disconnect switch supplying all connected Power Blocks.
- Unless you turn off power at the site electrical panel, all other connected Power Link 1000s will still be powered on and energized.
- Below the maintenance switch power will be still live:
 - The bus bars and high-voltage (HV) site wiring connected below the maintenance switch could still be live because the upstream system was not powered off.
 - The maintenance switch only turns OFF (disconnects) the HV connections above it, not below it.

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

AFTER REPLACING A SIDE PANEL, REVERSE THE ABOVE STEPS TO COMPLETE THE SERVICE.

IMPORTANT:



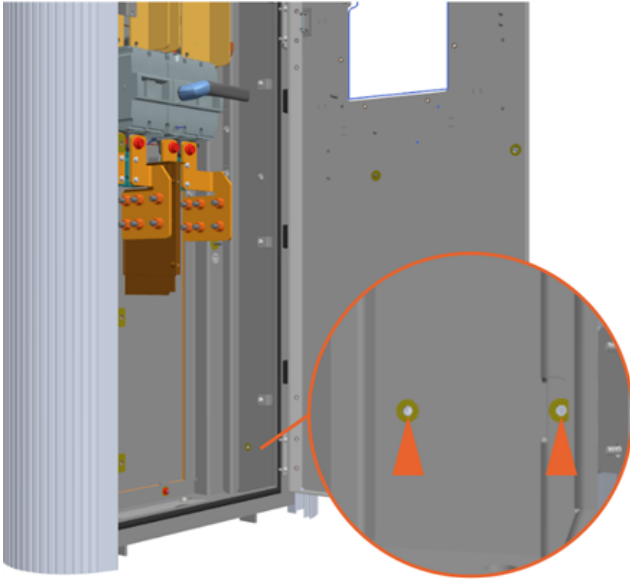
- Complete the post-service checklist.
 - Contact ChargePoint regarding faulty part return.
-

Replace Side Panel with Cable Exit Trim

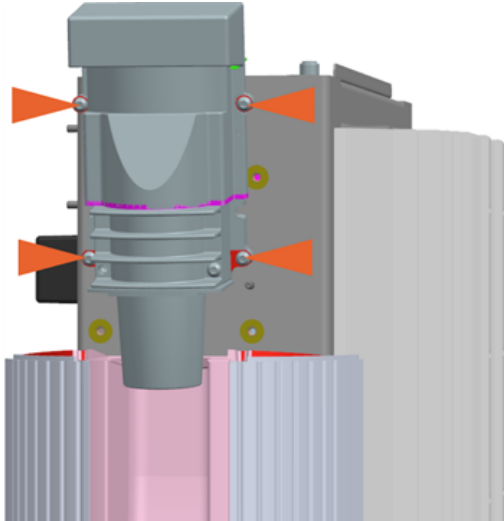
To replace side panel with cable exit trim, complete the following steps:

Remove

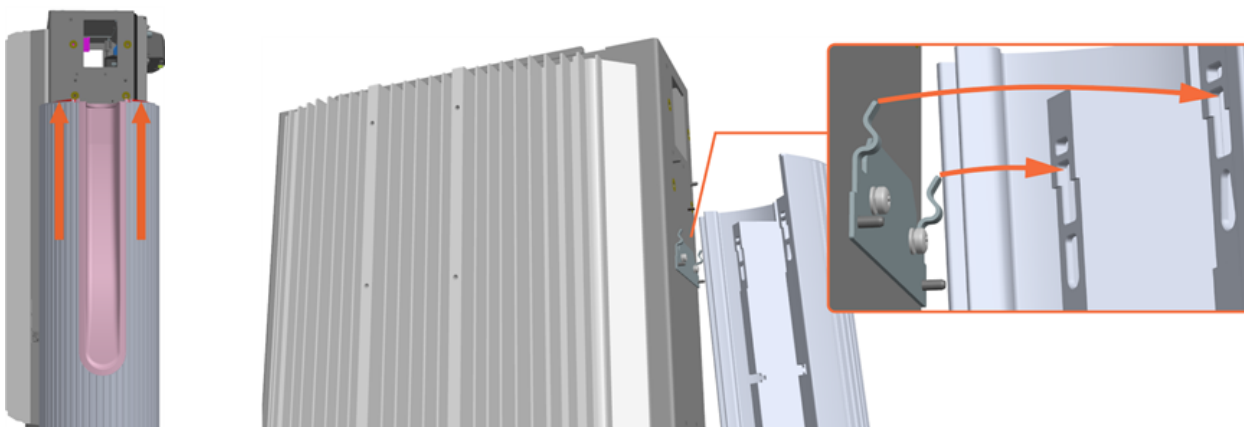
1. Loosen the M5 screws (x2) (use T25 security screwdriver).



2. Loosen the DC smart cable assembly mounting screws (x4) (use T25 security screwdriver) and hold the assembly up to make space for the side panel to travel off the hooks on the frame. Disconnecting the cable connections inside the Power Link 1000 is not required.



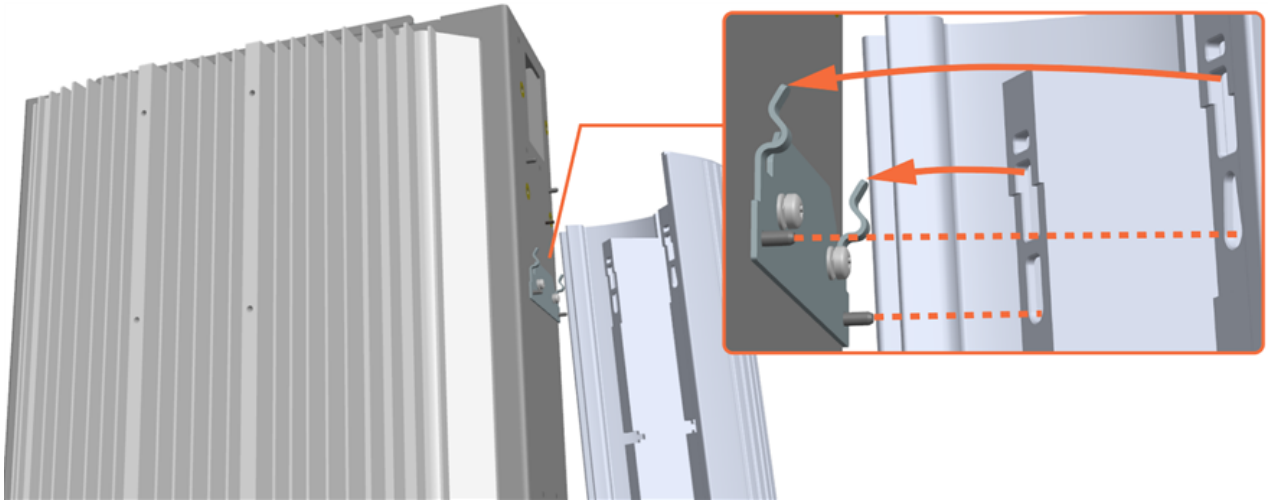
-
3. Slowly push upper side of the panel up to disengage it from the two hooks on the frame and remove the panel.



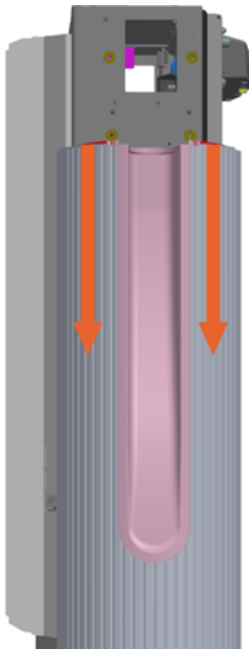
Reinstall Standard Side Panel or Side Panel Blank

Note: The image displays the standard side panel. If replacing with a side panel blank, the steps are the same.

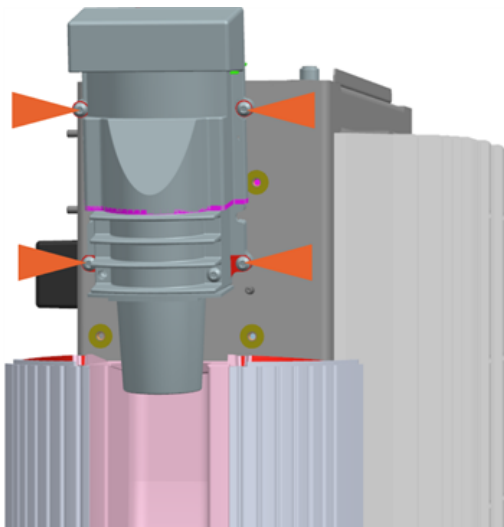
1. Hold the side panel under the DC smart cable and place the cable into the cable exit trim on the side panel.
2. Align and install the side panel onto the two hooks and two studs on the frame.



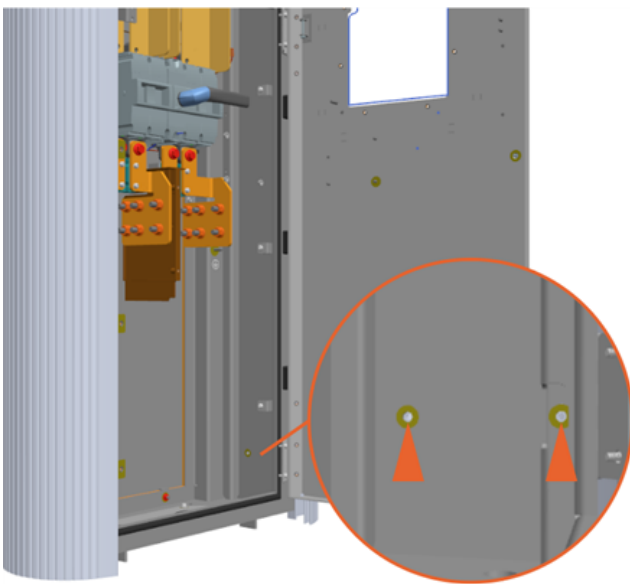
3. Slowly pull the side panel down to hook the panel to the frame.



-
4. If you are re-installing the Standard Side Panel (as displayed in the following image), then install the DC smart cable assembly and torque (use T25 security screwdriver) the M5 screws (x4) to 4.5 Nm (40 in-lb). Whereas, if you are installing the Side Panel Blank, then you reinstall the DC smart cable cap and torque (use T25 security screwdriver) the M5 screws (x4) to 4.5 Nm (40 in-lb)



5. Align and torque (use T25 security screwdriver) the M5 screws (x2) to 4.5 Nm (40 in-lb).



Side Panels (Overhead Mounted) 6

This topic provides information on servicing and replacing side panels (overhead mounted).

Bring These Tools and Materials



T25 security screwdriver



Stepladder

Before You Begin

1. Power off the charging station at the site electrical panel.
2. Determine if the Power Link 1000 has preassembled covers or unassembled components, remove them as necessary.
3. Open the upper door.

AFTER REPLACING A SIDE PANEL, REVERSE THE ABOVE STEPS TO COMPLETE THE SERVICE.

IMPORTANT:



- Complete the post-service checklist.
 - Contact ChargePoint regarding faulty part return.
-

Replace Side Panel

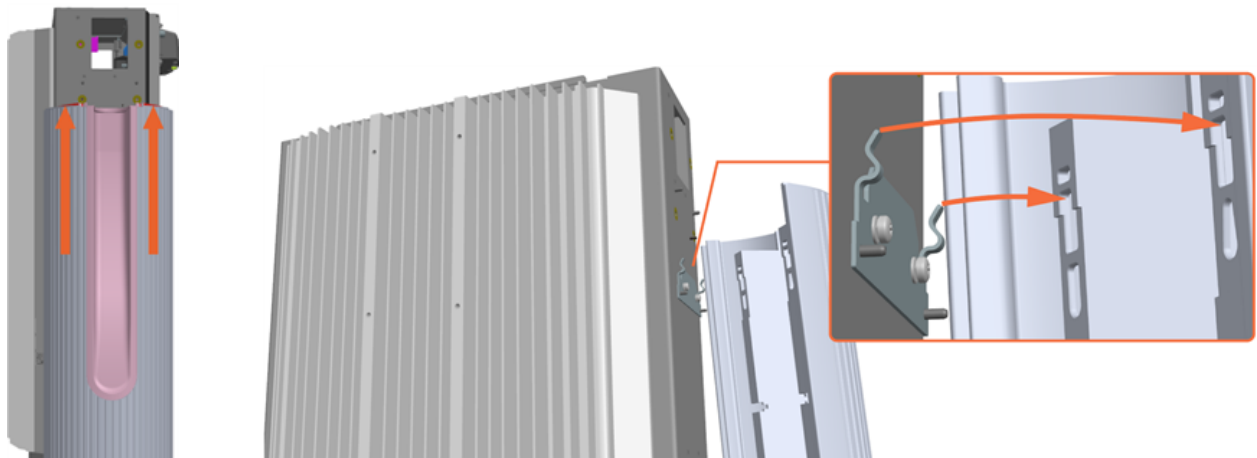
To replace the side panel, complete the following steps:

Remove

1. Loosen the M5 screws (x2) (use T25 security screwdriver) at lower side inside the cabinet.



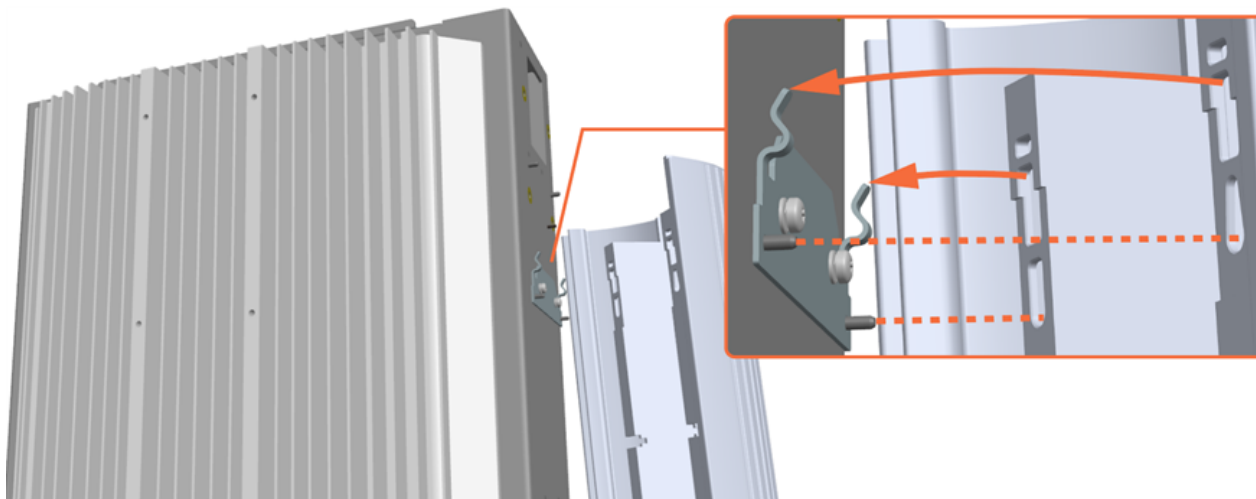
2. Slowly push upper side of the panel up to disengage it from the two hooks on the frame and remove the panel.



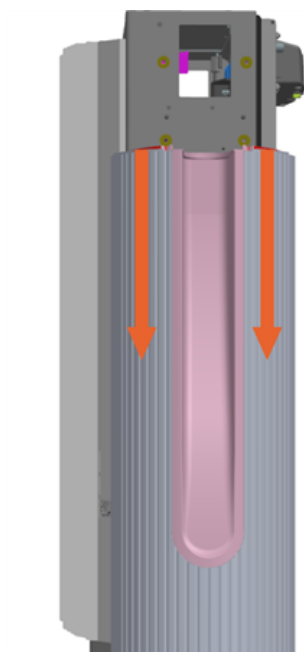
Reinstall

To reinstall the side panels, complete the following steps:

-
1. Align and install the side panel onto the two hooks and two studs on the frame.



2. Slowly pull the side panel down to hook the panel to the frame.



-
3. Align and torque (use T25 security screwdriver) the M5 screws (x2) to 4.5 Nm (40 in-lb).



Bottom Cap (Overhead Mounted) 7

This topic provides information on replacing the bottom cap.

Bring These Tools and Materials



T25 security screwdriver



Stepladder



Hex socket (17 mm)

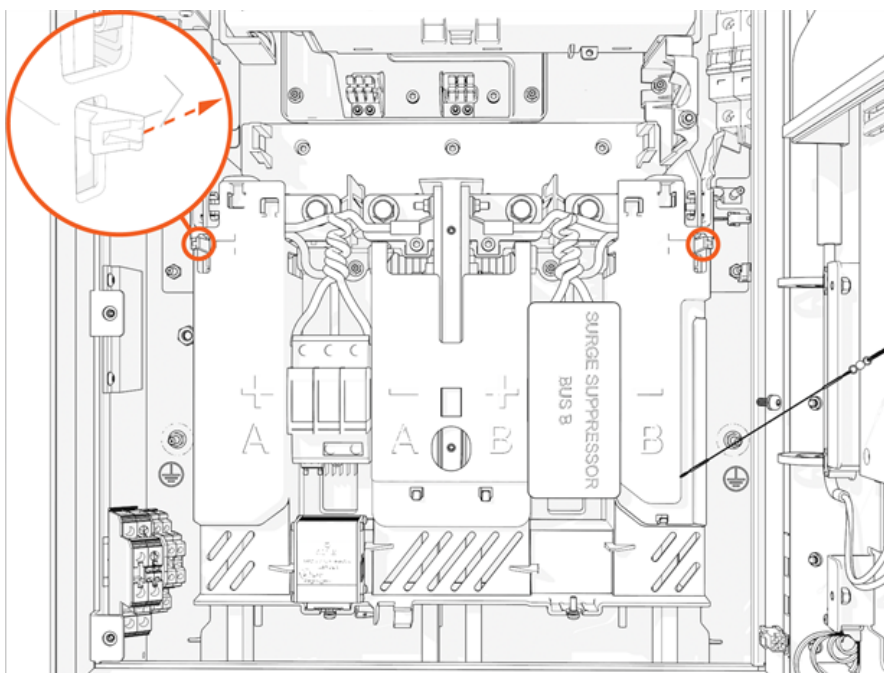


Torque paint pen

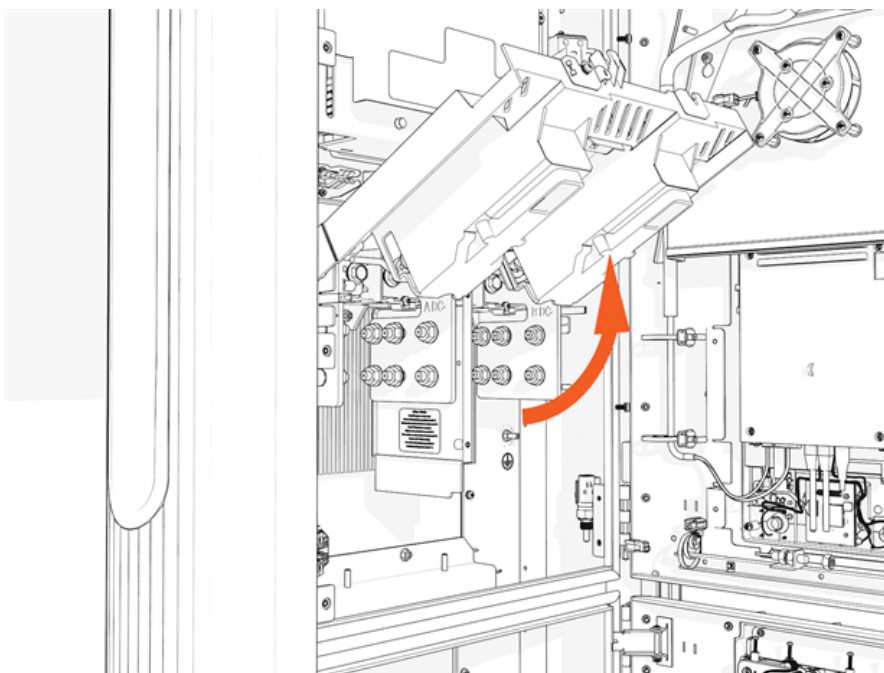
Before You Begin

1. Power off the charging station at the site electrical panel.
2. Determine if the Power Link 1000 has preassembled covers or unassembled components, remove them as necessary.
3. Open the door.
4. Remove upper bus bar safety cover.

5. Open the power plate cover.
 - a. Release the tabs on the cover.



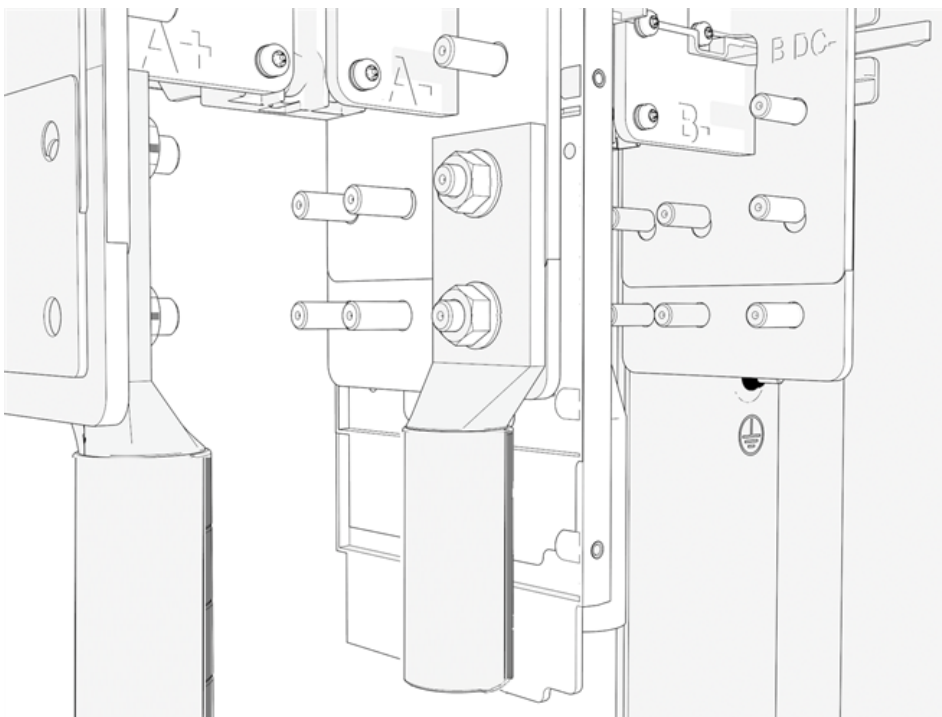
- b. Lift up from the bottom until it locks in the open position.



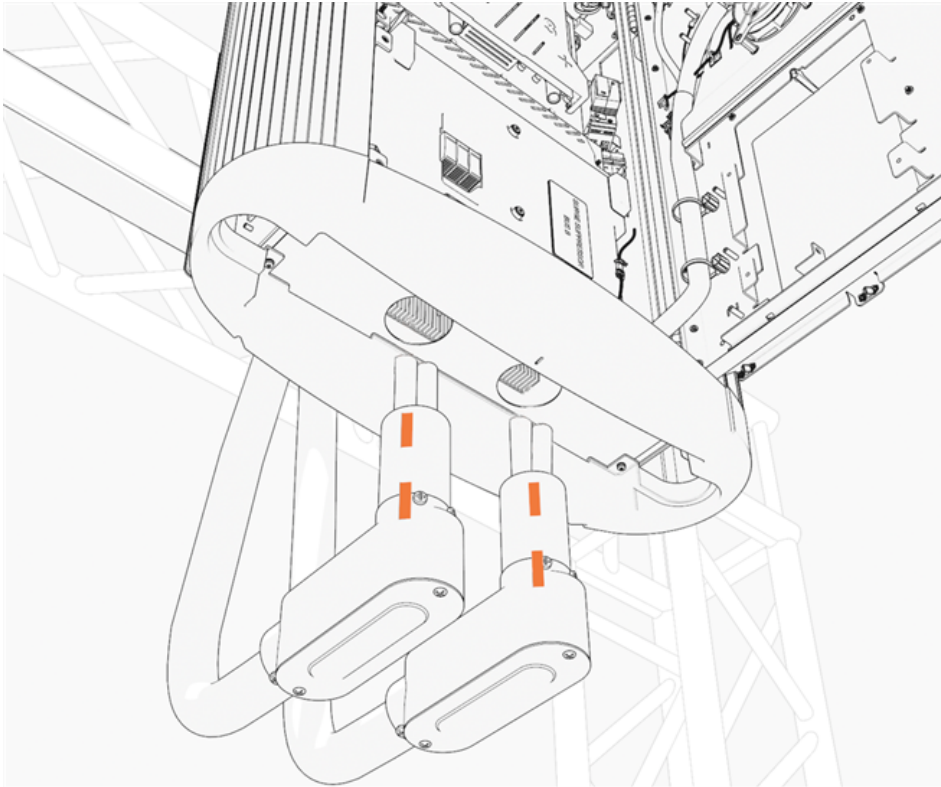
-
6. Remove the M10 nuts (use 17 mm socket) on each lug to uninstall the DC conductor lugs.
-



IMPORTANT: While reinstalling torque the lug nuts to 19 Nm (168 in-lb) and mark all torqued nuts using a torque paint pen.



-
7. Pull the conduit LB bodies to remove the DC HV wiring through the bottom.



AFTER REPLACING THE BOTTOM CAP, REVERSE THE ABOVE STEPS TO COMPLETE THE SERVICE.



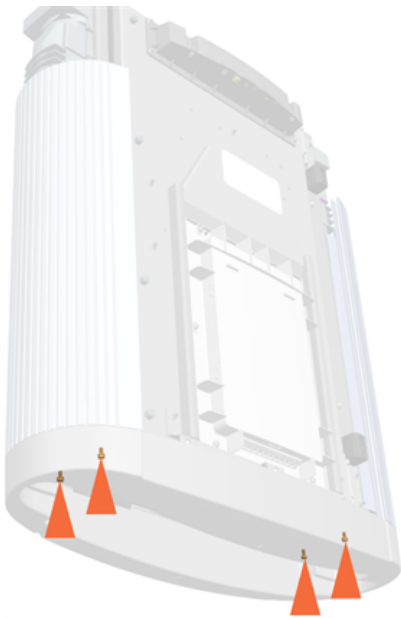
IMPORTANT:

- Complete the post-service checklist.
 - Contact ChargePoint regarding faulty part return.
-

Replace Bottom Cap

To replace the bottom cap, remove the M5 screws (x4) (use T25 security screwdriver).

While reinstalling, torque the screws to 2.8 Nm (25 in-lb).



REVERSE THE ABOVE INSTRUCTION TO REINSTALL AND COMPLETE THE SERVICE.

IMPORTANT:



- Complete the post-service checklist.
- Contact ChargePoint regarding faulty part return.

Control and Communication 8 Module (CCOM)

This topic provides information on replacing the Control and Communication Module.

Bring These Tools and Materials



5/16 in hex socket (for CCOM)



Multimeter



T25 security screwdriver



Serrated tweezers

Before You Begin

1. Power off the charging station.
2. Determine if the Power Link 1000 has preassembled covers or unassembled components, remove them as necessary.
3. Open the upper door.

AFTER REPLACING THE CCOM, REVERSE THE ABOVE STEPS TO COMPLETE THE SERVICE.

IMPORTANT:



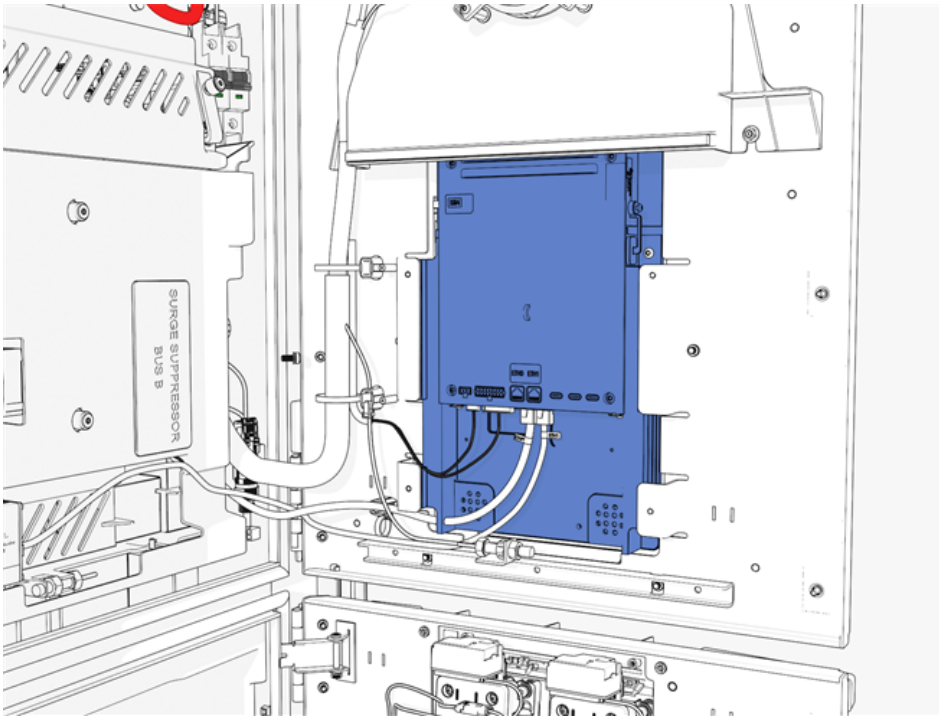
- Complete the post-service checklist.
 - Contact ChargePoint regarding faulty part return.
-

Replace CCOM

To replace the Control and Communication Module, complete the following steps:

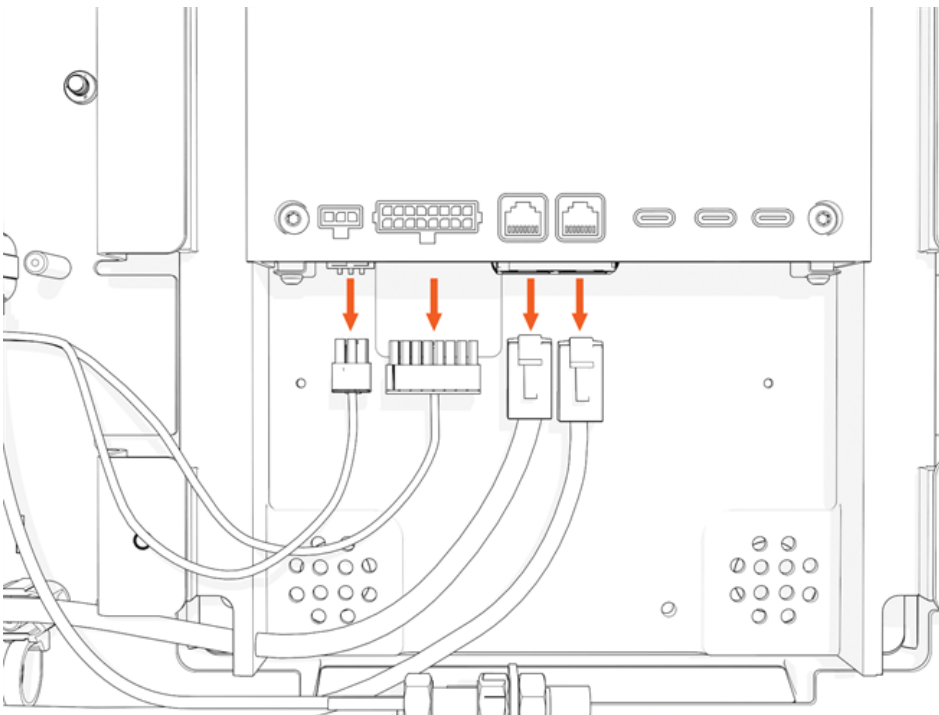
Remove

1. Notice the back of the CCOM.

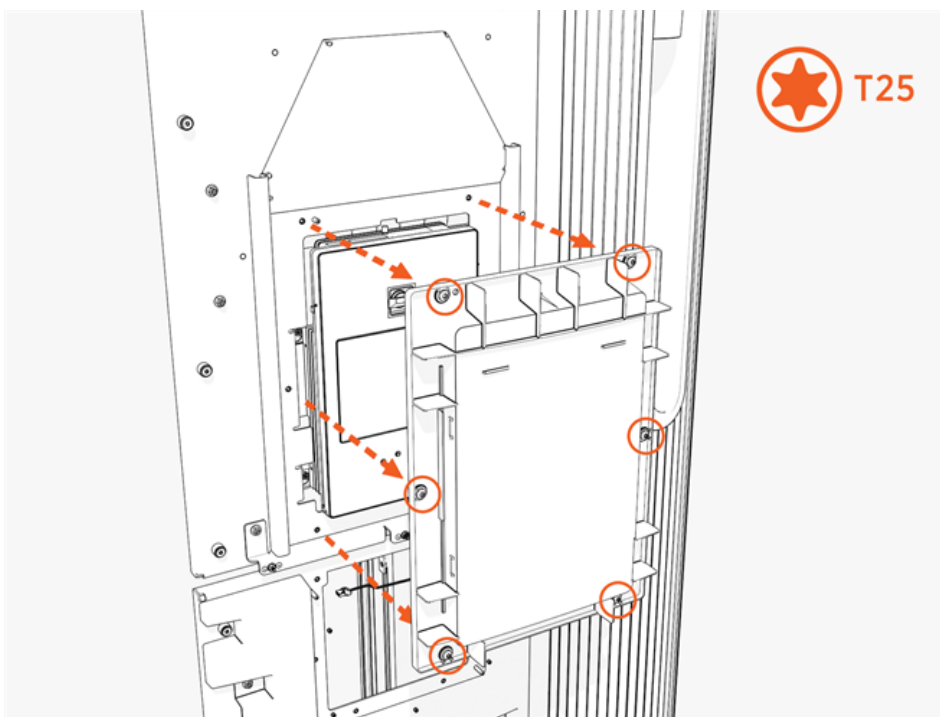


2. Disconnect the connectors (x4).

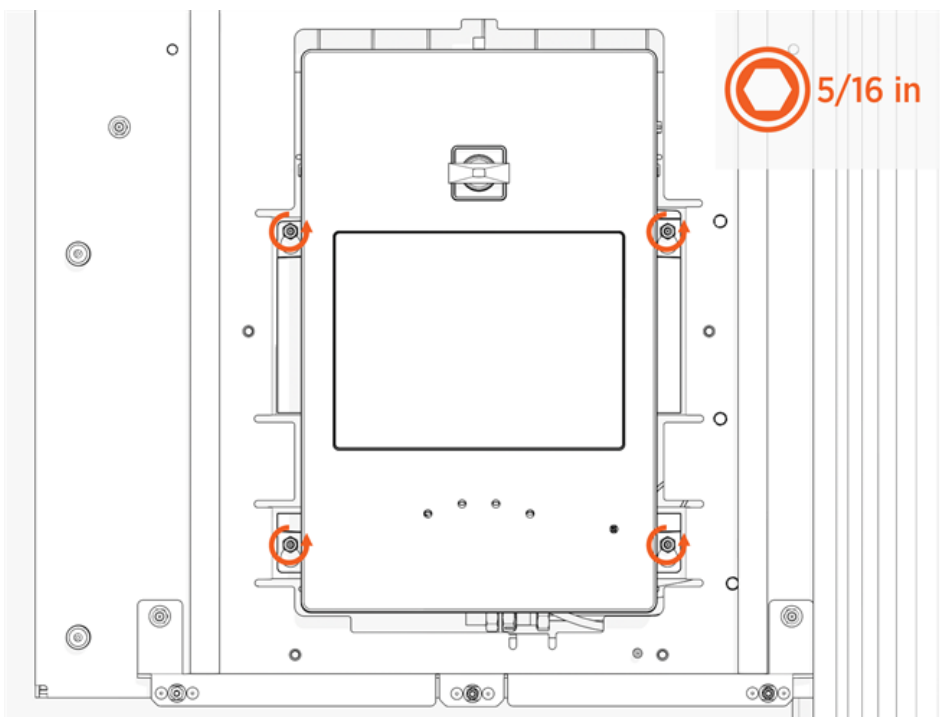
Note: You must pinch to disconnect two of these connectors. The latch on these connectors may face away from you and be obscured by the connector.



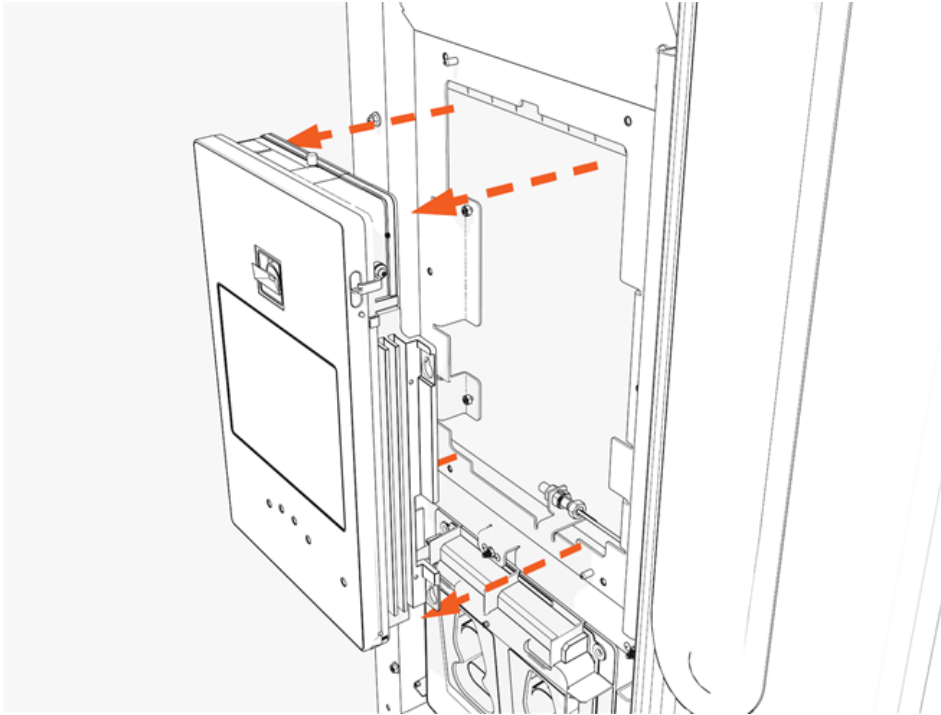
3. On the front side, loosen screws (x6) (use T25 security screwdriver) to remove the CCOM lens bracket.



4. Loosen #6 (x4) nuts.



-
5. **Note:** The module hangs from four keyholes on the back. Lift it up and off the door.



6. Transfer or replace the SIM card.
- a. If you are installing a new module, transfer the SIM card to the new module.
 - b. If you are installing a new SIM card, replace the SIM card.

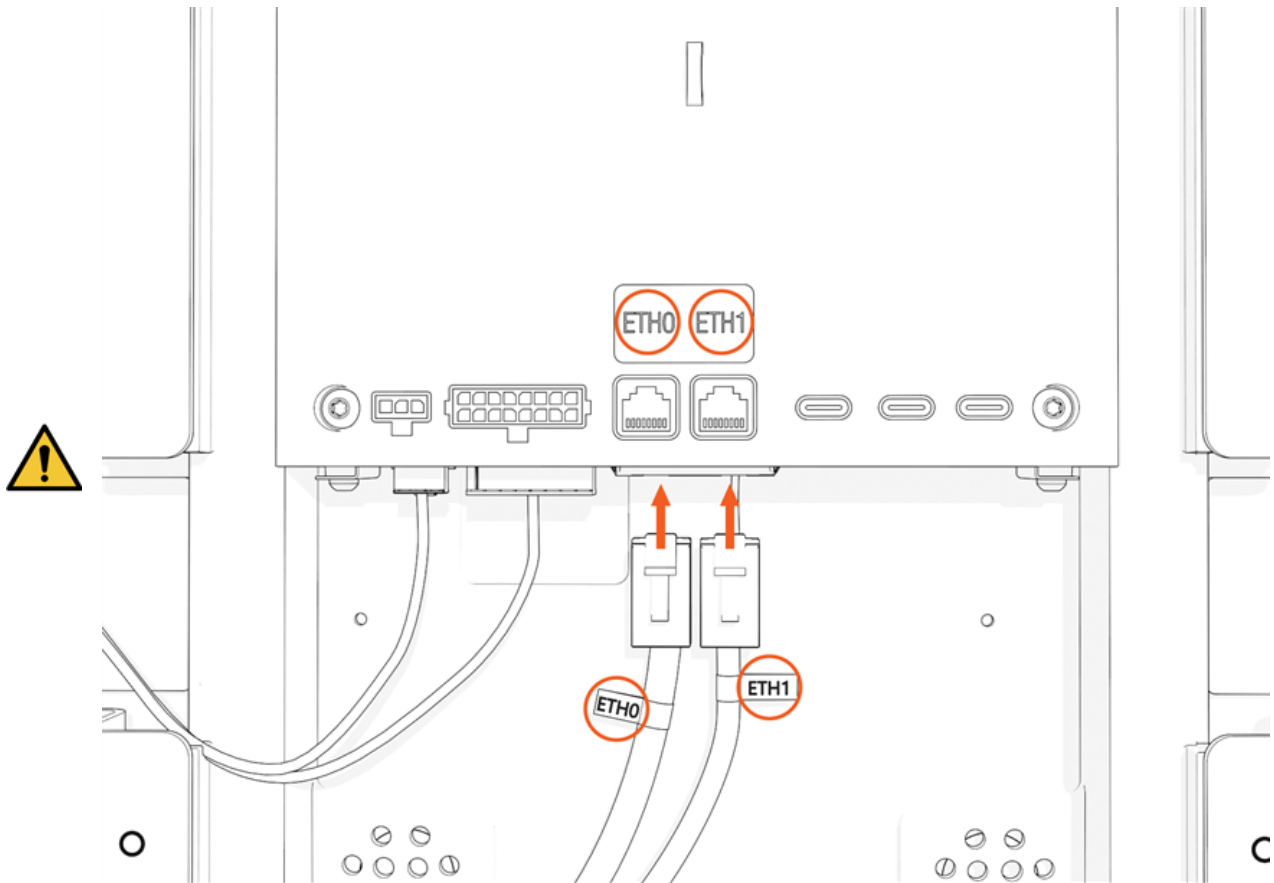
Reinstall

To reinstall the Control and Communication Module, complete the following steps:

1. Reinstall the same SIM card *or* replace the SIM card with a new one.
2. Align the keyholes on the back of the module to hook onto the front of the upper door.
3. Use 5/16 in socket to torque the #6 nuts to 4.5 Nm (40 in-lb).
4. Align and install the CCOM lens bracket. Torque (use T25 security screwdriver) the M5 screws (x6) to 2.8 Nm (25 in-lb) .
5. Return to the inside of the cabinet door.

6. Inside the cabinet, reconnect the four connectors across the bottom rear of the module.

CAUTION: Reconnect the two Ethernet connectors as marked: cable "0" to port "0", and cable "1" to port "1."



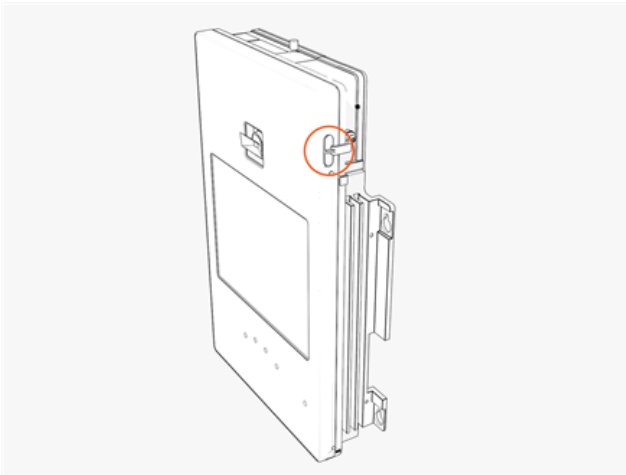
If you fail to do so, this could disrupt communication or damage the module or other hardware, the charging station, or a vehicle.

Replace SIM Card

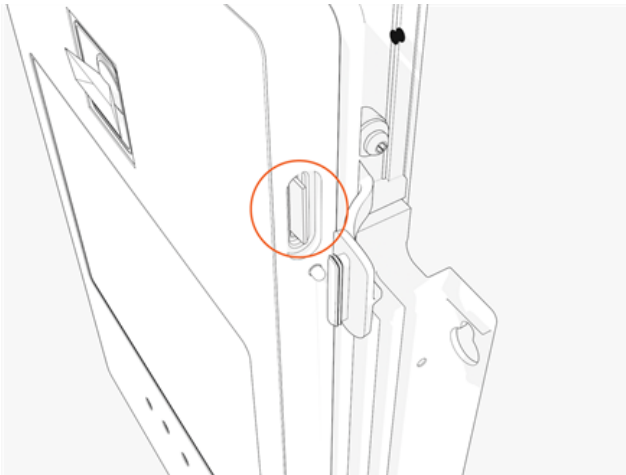
To replace the SIM card, complete the following steps:

Remove

1. Set the module on a soft padded surface.
2. Locate the SIM card in the slot at the back upper left.



3. Push in the SIM card to partially eject it.



4. Grasp the SIM card with tweezers and pull out.



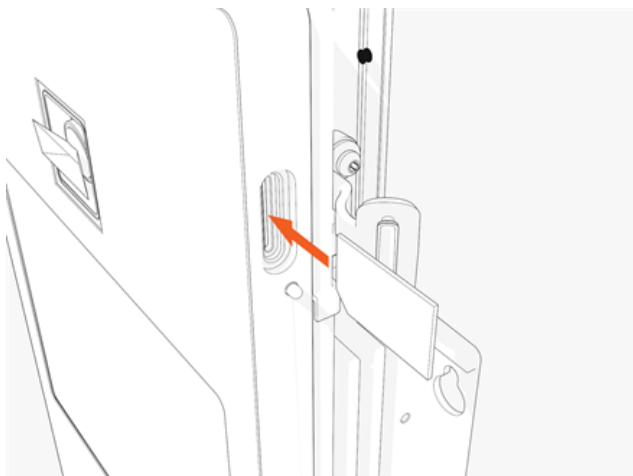
IMPORTANT: Keep the same SIM card to use in the new module.

Reinstall

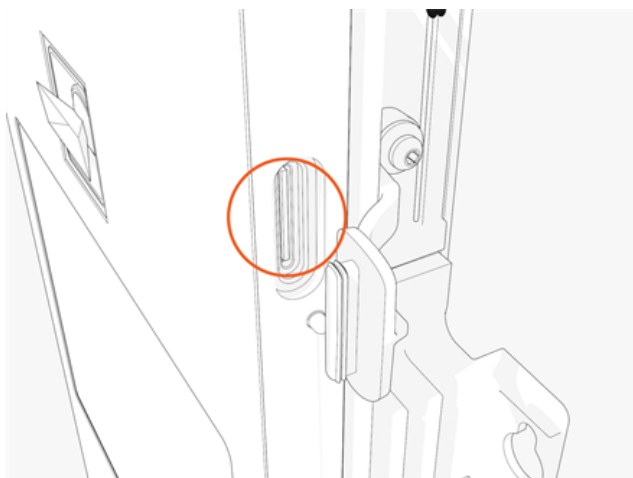
To reinstall the SIM card, complete the following steps:

1. Orient the SIM card with the diagonal corner edge at bottom right (when viewed from the back upper left of the module).

-
2. Insert the SIM card into the slot on the side of the module.



3. Push the SIM card inside until it clicks into its position.



IMPORTANT: Ensure that the SIM card is in the locked position, flush with the innermost slot, and not ejected. Although the SIM card clicks into position, you might not hear the sound if you are in a noisy environment.

Front Fan 9

Front Fan

This topic provides information on replacing the front fan.

Bring These Tools and Materials



T20 Torx



Removable zip ties

Before You Begin

1. Power off the charging station.
2. Determine if the Power Link 1000 has preassembled covers or unassembled components, remove them as necessary.
3. Open the upper door.

AFTER REPLACING THE FAN, REVERSE THE ABOVE STEPS TO COMPLETE THE SERVICE.

IMPORTANT:



- Complete the post-service checklist.
 - Contact ChargePoint regarding faulty part return.
-

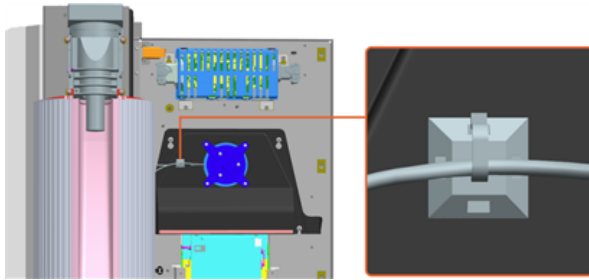
Replace Front Fan

To replace the front fan, complete the following steps:

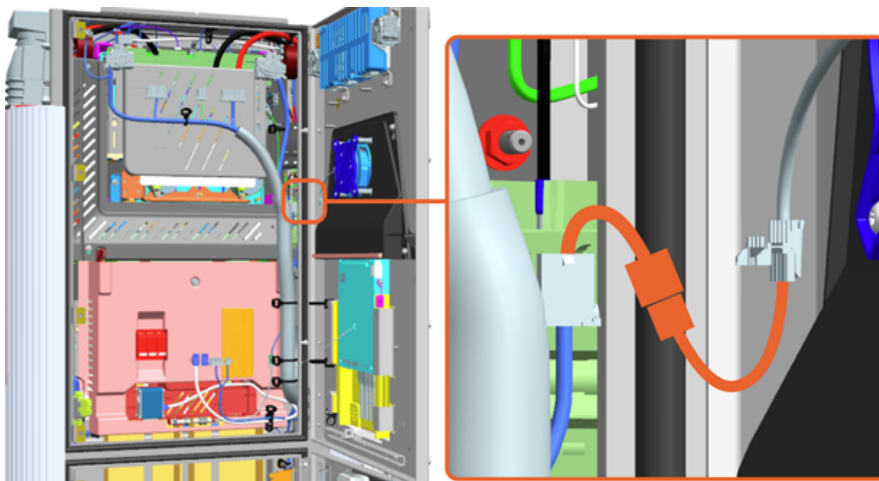
1. Disconnect the fan cable.

- a. Release the cable from the adhesive plate.

Note: Unfasten or loosen any zip ties that obstruct.

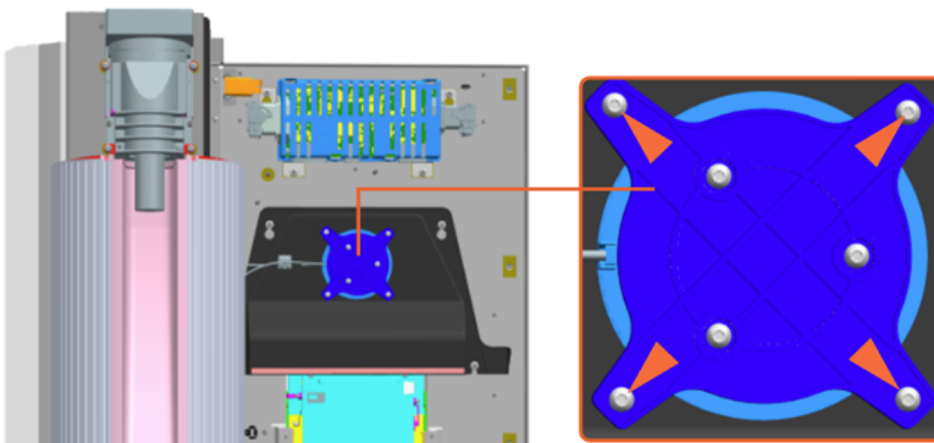


- b. Disconnect the connector.



2. Loosen the M4 screws (x4).

While reinstalling torque the screws to 1.7 Nm (15 in-lb).



REVERSE THE ABOVE STEPS TO REINSTALL.

Holster and Holster Bracket 10

This topic provides information on replacing the holster and the holster bracket.

Bring These Tools and Materials



T25 security screwdriver

Before You Begin

1. Power off the charging station.
2. Determine if the Power Link 1000 has preassembled covers or unassembled components, remove them as necessary.
3. Open the lower door.

AFTER REPLACING THE COMPONENTS, REVERSE THE ABOVE STEPS TO COMPLETE THE SERVICE.



IMPORTANT:

- Complete the post-service checklist.
- Contact ChargePoint regarding faulty part return.

CCS1



CCS2



CHAdeMO



NACS



IMPORTANT:

- Confirm the charge cable connector type (CCS1, CCS2, CHAdeMO, or NACS) and the left or right side that it is being installed to.
 - Ensure that the holster plate is installed on the same side as the cable (left or right).
-

Replace Holster

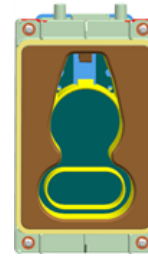
To replace the holster, complete the following steps:

-
1. Disconnect the holster cable (only for locking holsters; skip this step if a holster is non-locking).

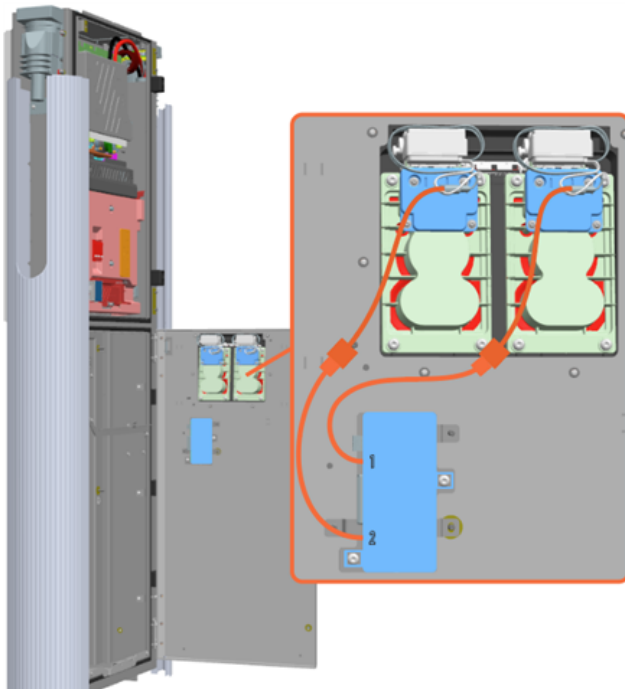
Locking Holster



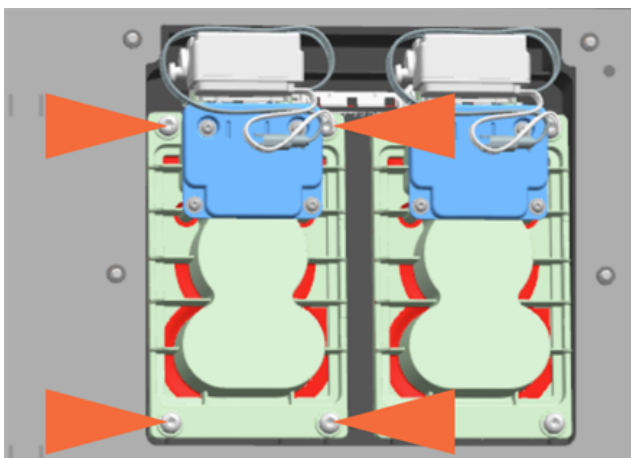
Non-Locking Holster



Note: The holster locking motor controller has **1** and **2** numbers on the cover. These numbers represent the cables from the locking motor controller. The cable from **1** is for the **left** side DC smart cable holster (holster near the door opening), and the cable from **2** is for the **right** side DC smart cable holster (holster near the door hinge).



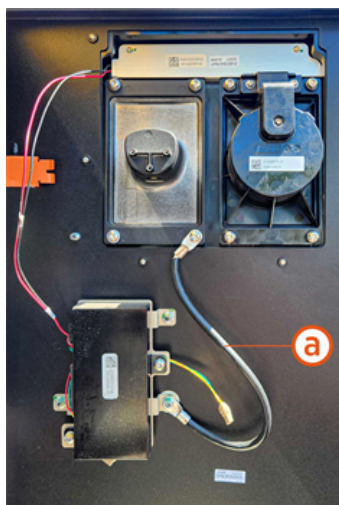
-
2. Remove the M5 screws (x4) (use T25 security screwdriver) to remove the holster from its bracket. While reinstalling torque the screws to 2.8 Nm (25 in-lb).



REVERSE THE ABOVE STEPS TO REINSTALL THE HOLSTER.

Note: The grounding wire (a) shown in the following image is required for NACS Cable Holster.

NACS Cable Holster:

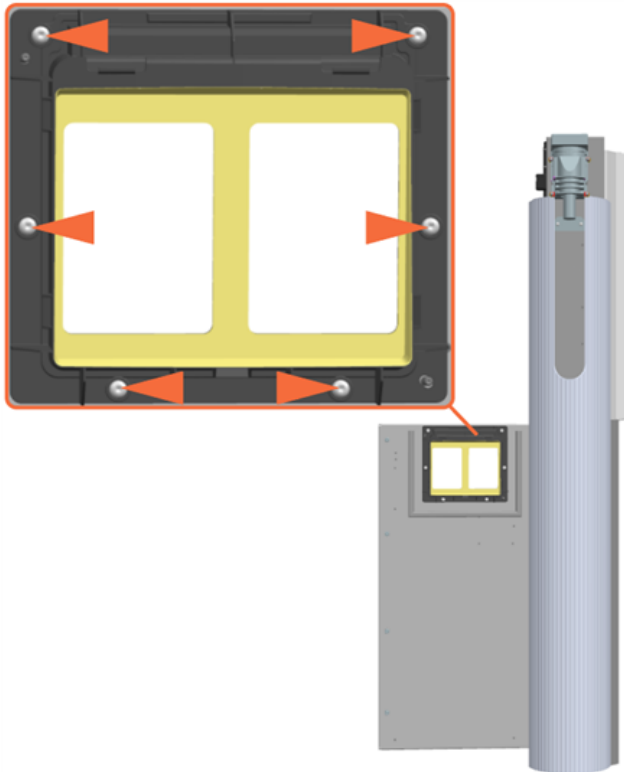


Replace Holster Bracket with Single or Dual Holster Bracket

To replace the holster bracket with single and dual holster bracket, complete the following steps:

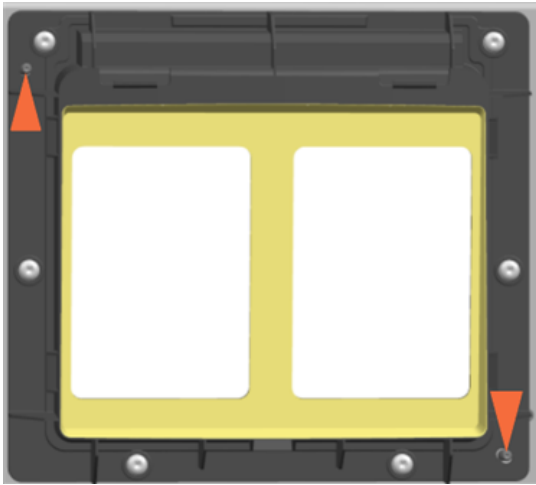
Note: The image displays the dual holster bracket. If replacing with a single holster bracket, the steps are the same.

1. Remove holster.
2. Remove the M5 screws (x6) to remove the holster bracket (use T25 security screwdriver).
While reinstalling torque the screws to 2.8 Nm (25 in-lb).



REVERSE THE ABOVE STEPS TO REINSTALL THE HOLSTER BRACKET.

Note: While reinstalling, seat the bracket onto the two studs on the door to install in place.



Locking Holster Controller Kit 11

This topic provides information on installing the locking holster motor controller kit.

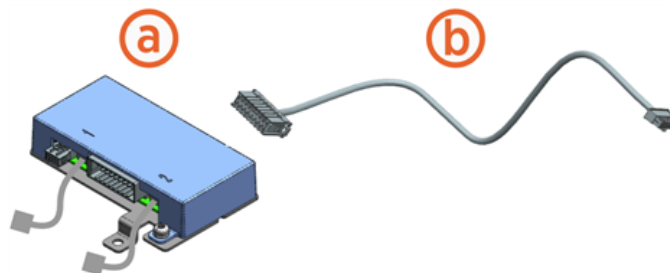
Bring These Tools and Materials



8 mm socket

Kit Components

This kit is for installing on a Power Link 1000 without the locking holsters or replacing an existing one that has failed.



- a. Locking holster controller with cables to connect holsters
- b. Cable to connect controller to main low voltage wiring

Before You Begin

1. Power off the charging station.
2. Determine if the Power Link 1000 has preassembled covers or unassembled components, remove them as necessary.
3. Open the lower door.

AFTER INSTALLING, REVERSE THE ABOVE STEPS TO COMPLETE THE SERVICE.

IMPORTANT:



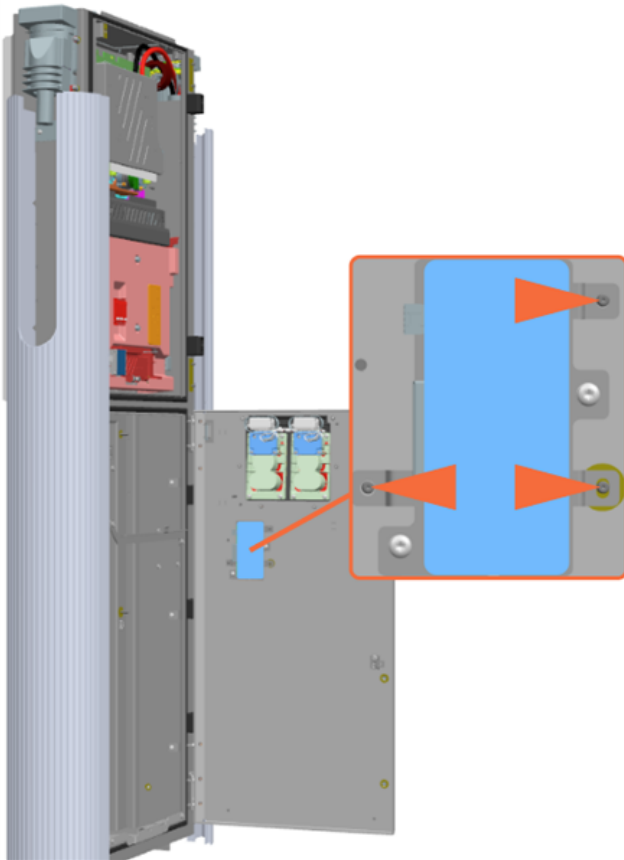
- Complete the post-service checklist.
 - Contact ChargePoint regarding faulty part return.
-

Install Locking Holster Motor Controller

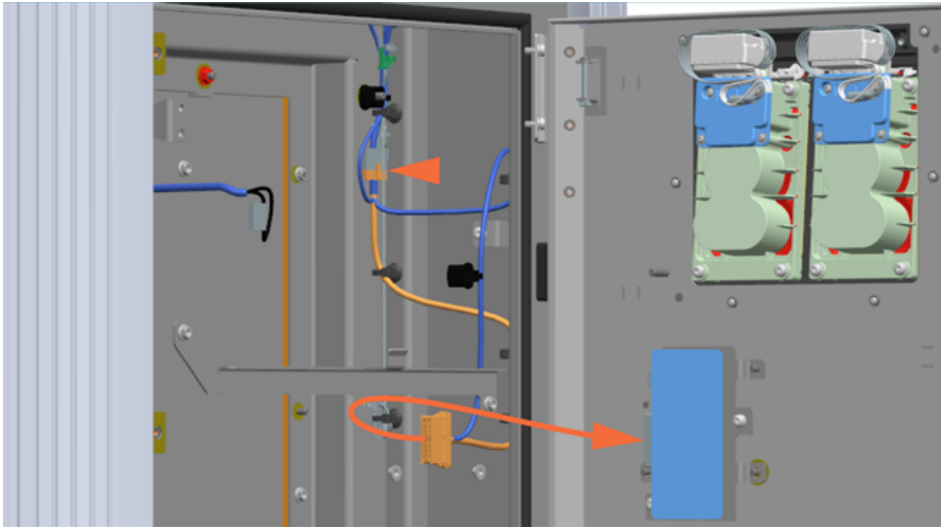
To replace the locking holster motor controller kit, complete the following steps:

1. Remove the M5 nuts (x3) (use 8 mm socket) on the door and install the controller onto the three studs.

While reinstalling torque the nuts to 4.5 Nm (40 in-lb).

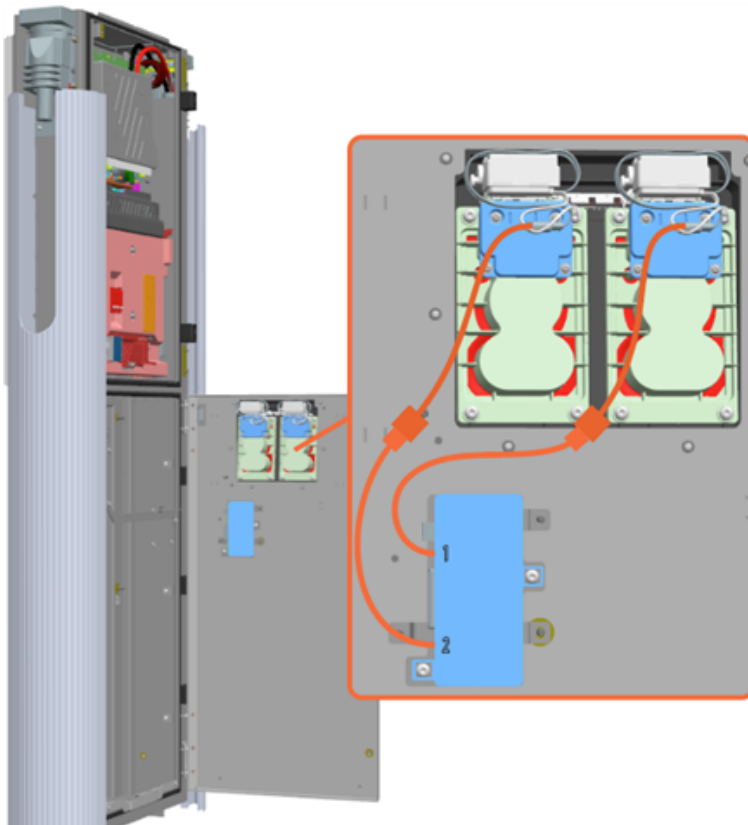


-
2. Connect the controller to the main LV wiring and route the cable through the cable ways.



3. Connect the holster cable.

The holster locking motor controller has **1** and **2** numbers on the cover. These numbers represent the cables from the locking motor controller. The cable from **1** is for the **left** side DC smart cable holster (holster near the door opening), and the cable from **2** is for the **right** side DC smart cable holster (holster near the door hinge).



REVERSE THE ABOVE STEPS TO REMOVE THE CONTROLLER.

Power Link Controller Board 12

This topic provides information on replacing the Power Link 1000 controller board.

Bring These Tools and Materials



8 mm socket

Before You Begin

1. Power off the charging station.
2. Determine if the Power Link 1000 has preassembled covers or unassembled components, remove them as necessary.
3. Open the upper door.

AFTER INSTALLING, REVERSE THE ABOVE STEPS TO COMPLETE THE SERVICE.

IMPORTANT:

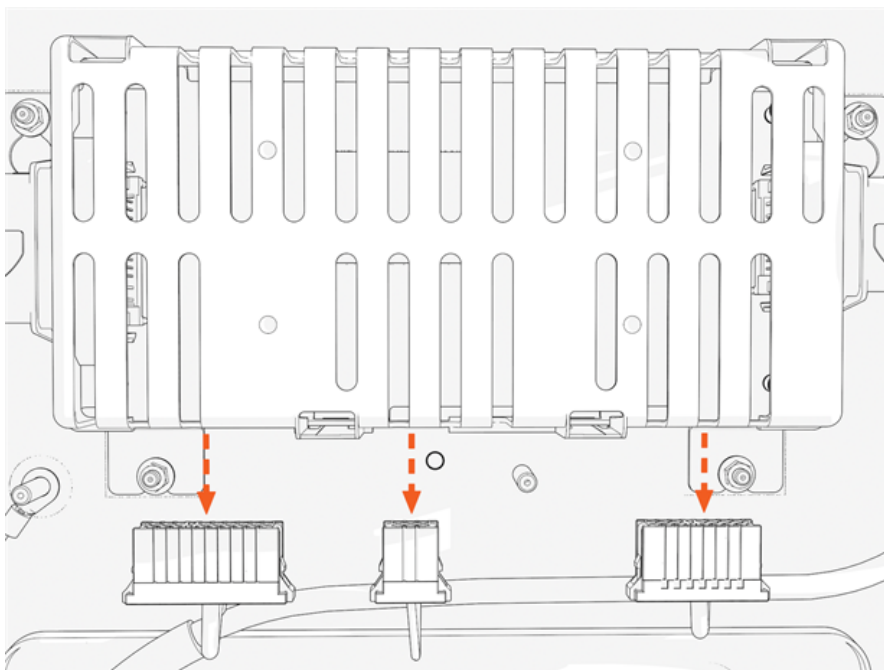


- Complete the post-service checklist.
 - Contact ChargePoint regarding faulty part return.
-

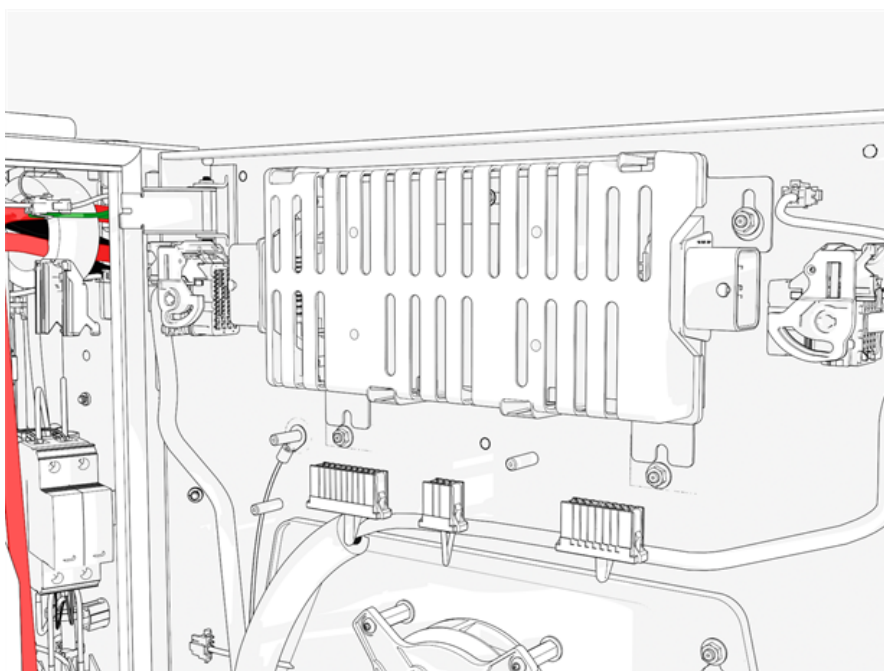
Replace Controller Board

To replace the controller board, complete the following steps:

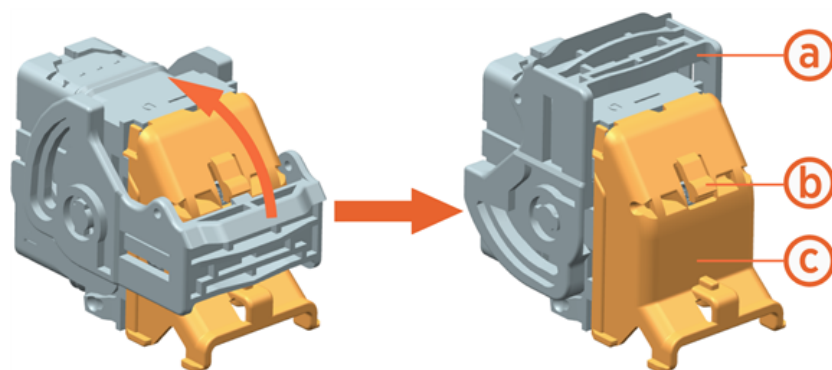
1. Disconnect the connectors (x5):
 - a. Disconnect three connectors from the bottom of the controller board.



- b. Disconnect the connectors (x2) at the left and right side of controller board.



- i. Press the small latch on the connector cap to rotate the lever. The connector is unlocked when the lever is 90° to the connector.



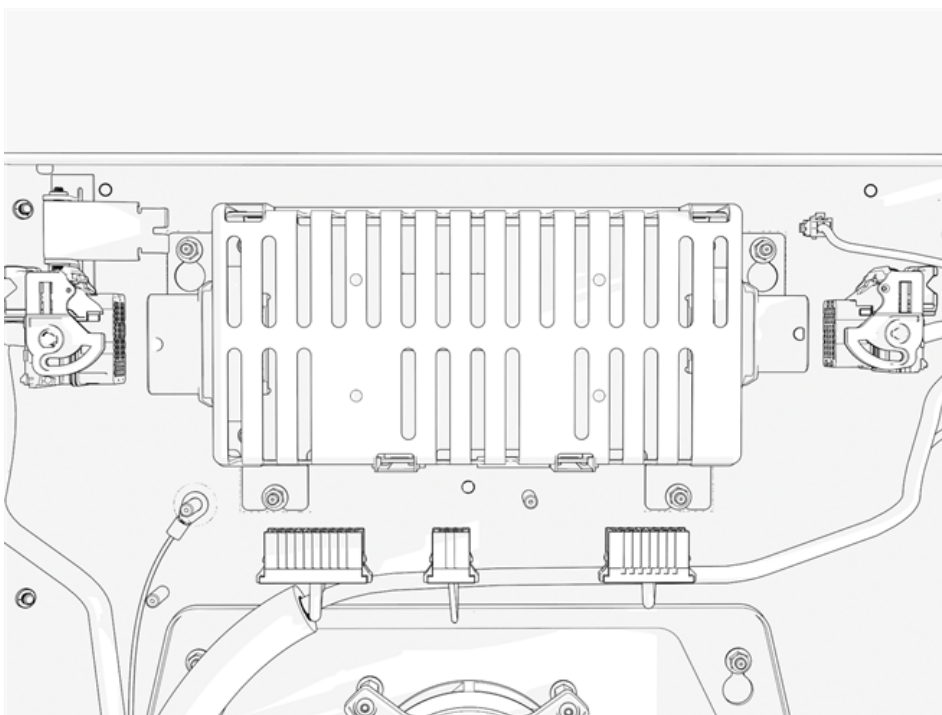
(a) Lever

(b) Latch

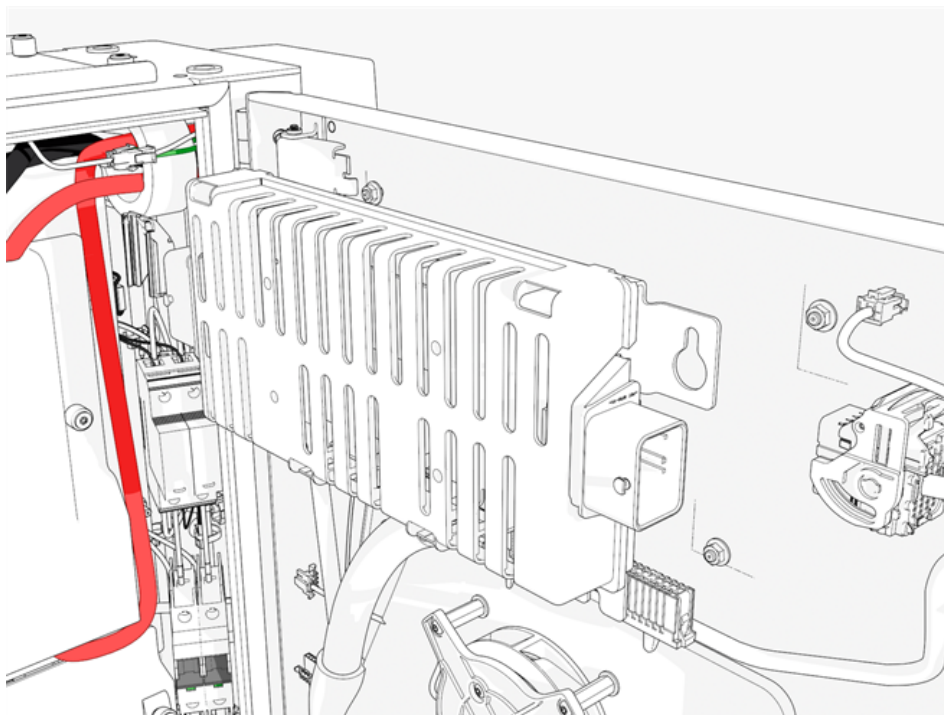
(c) Cap

- ii. Pull the connector out to disconnect.

2. Loosen the M5 nuts (x4) (use 8 mm socket).
While reinstalling torque the nuts to 4.5 Nm (40 in-lb).



-
3. Lift the controller board to disengage the keyholes.



REVERSE THE ABOVE STEPS TO REINSTALL THE CONTROLLER.

Bus Bar Safety Covers 13

This topic provides information on replacing bus bar safety covers.

Bring These Tools and Materials



T25 security screwdriver



8 mm socket



T20 security screwdriver

Before You Begin

1. Power off the charging station.
2. Lift charging cable connector off the holster.
3. Determine if the Power Link 1000 has preassembled covers or unassembled components, remove them as necessary.
4. Open the upper and/or lower door.

AFTER REPLACING A SAFETY COVER, REVERSE THE ABOVE STEPS TO COMPLETE THE SERVICE.



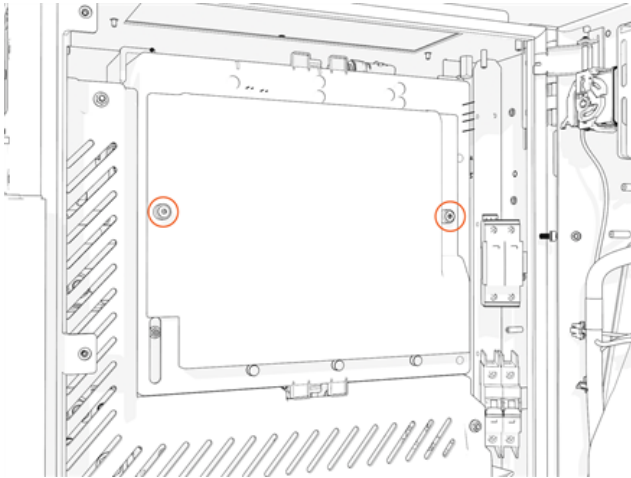
IMPORTANT:

- Complete the post-service checklist.
- Contact ChargePoint regarding faulty part return.

Replace DC Smart Cable Bus Bar Safety Cover

To replace the DC smart cable bus bar safety cover, complete the following steps:

1. Loosen the M4 screws (x2) (use T20 Torx screwdriver). Do not remove completely. While reinstalling torque the screws to 1.7 Nm (15 in-lb).



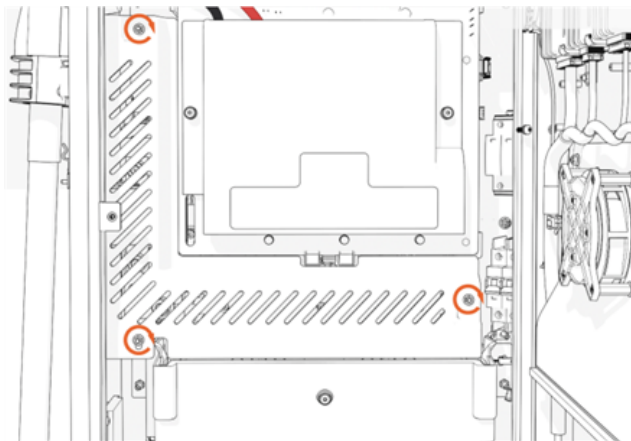
2. Slightly slide the cover up to disengage the keyholes and remove it.

REVERSE THE ABOVE STEPS TO REINSTALL THE COVER.

Replace L Shaped Bus Bar Safety Cover

To replace the L shaped bus bar safety cover, complete the following steps:

1. Loosen the M5 nuts (x3) (use 8 mm socket). Do not remove completely. While reinstalling torque the screws to 2.8 Nm (25 in-lb).



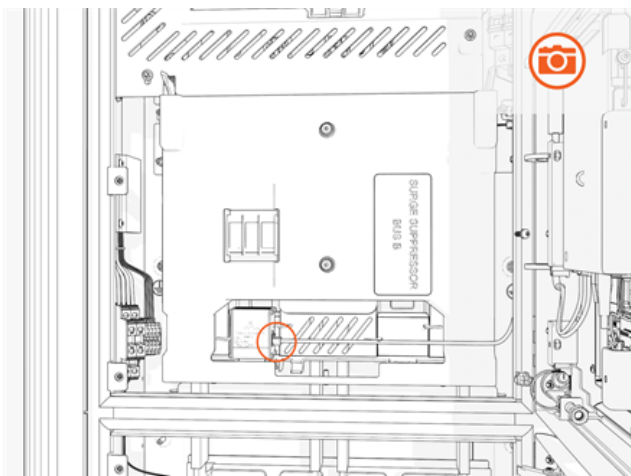
2. Slightly slide the cover up to disengage the keyholes and remove it.

REVERSE THE ABOVE STEPS TO REINSTALL THE COVER.

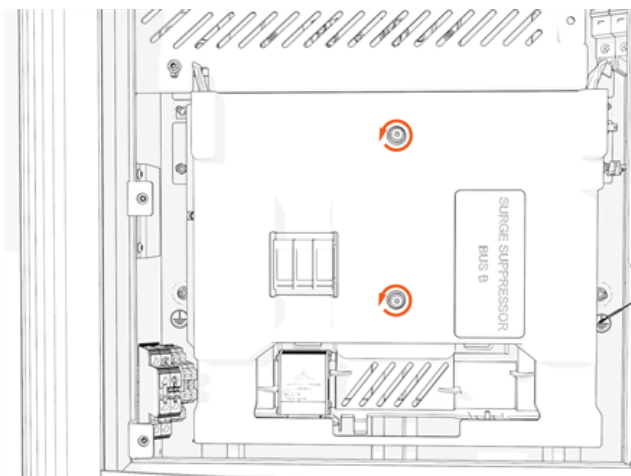
Replace Upper Bus Bar Safety Cover

To replace the upper bus bar safety cover, complete the following steps:

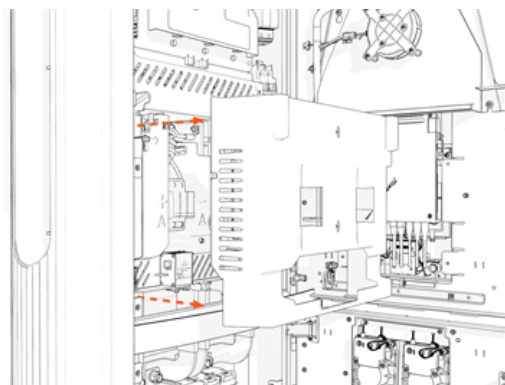
1. Disconnect the Ethernet cable from the Ethernet surge suppressor.



2. Loosen the M4 screws (x2) (use T20 security screwdriver). Do not remove completely. While reinstalling torque the screws to 1.7 Nm (15 in-lb).



3. Remove the cover.



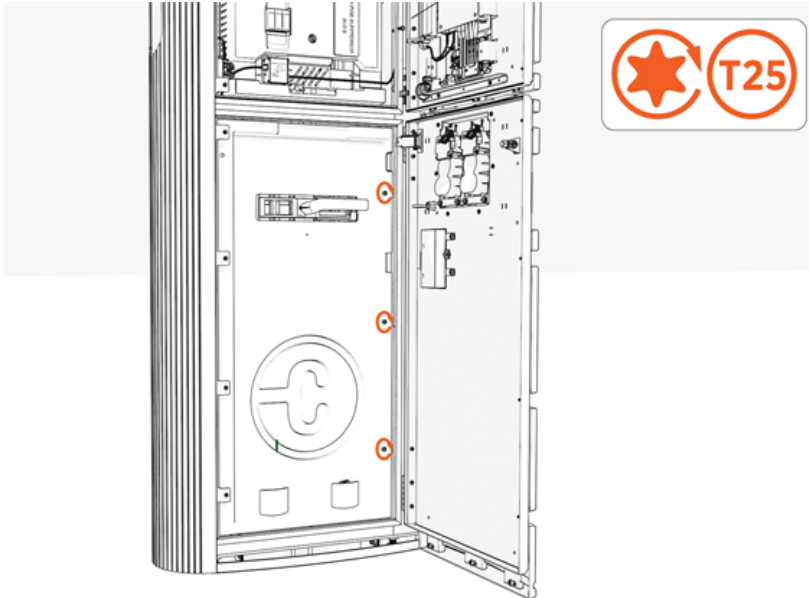
REVERSE THE ABOVE STEPS TO REINSTALL THE COVER.

Replace Lower Bus Bar Safety Cover

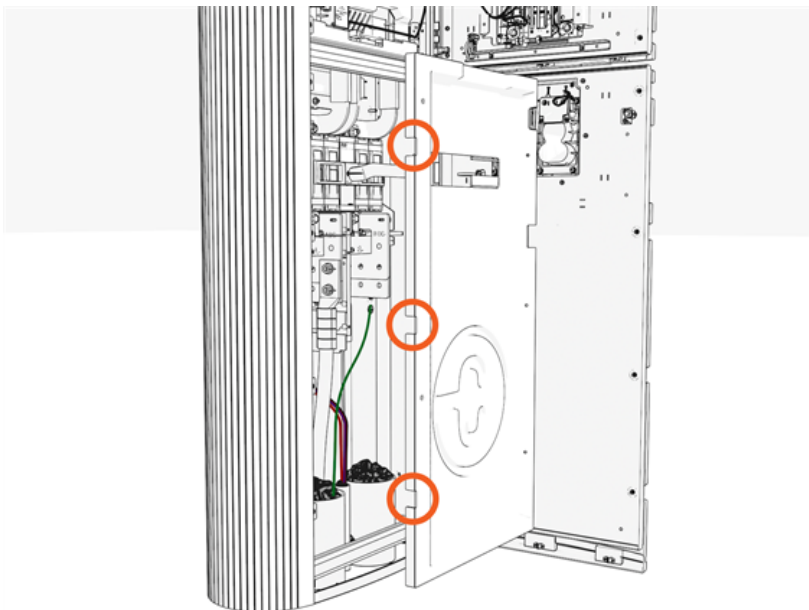
To replace the lower bus bar safety cover, complete the following steps:

Remove

1. Loosen the M5 screws (x3) (use T25 security screwdriver) on the right side.

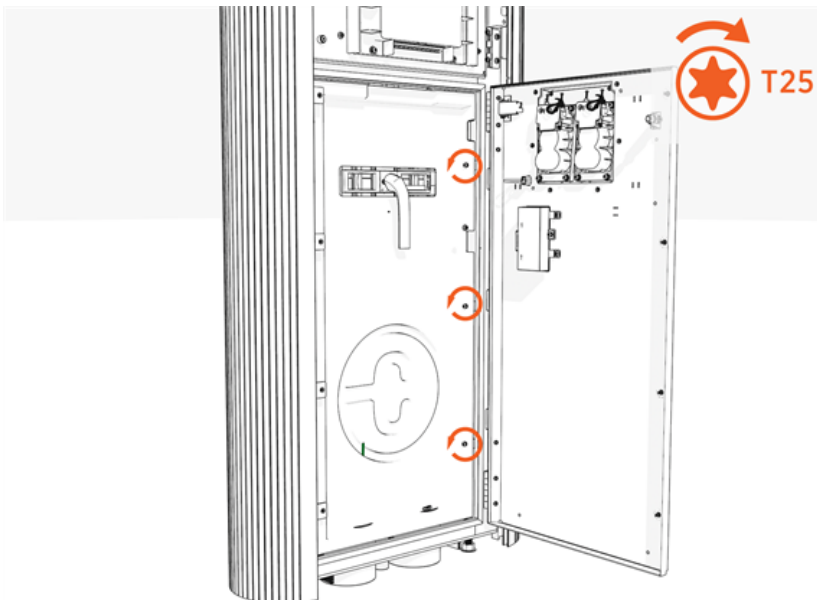


2. Tilt out and slide the cover out of the slots on the left side.

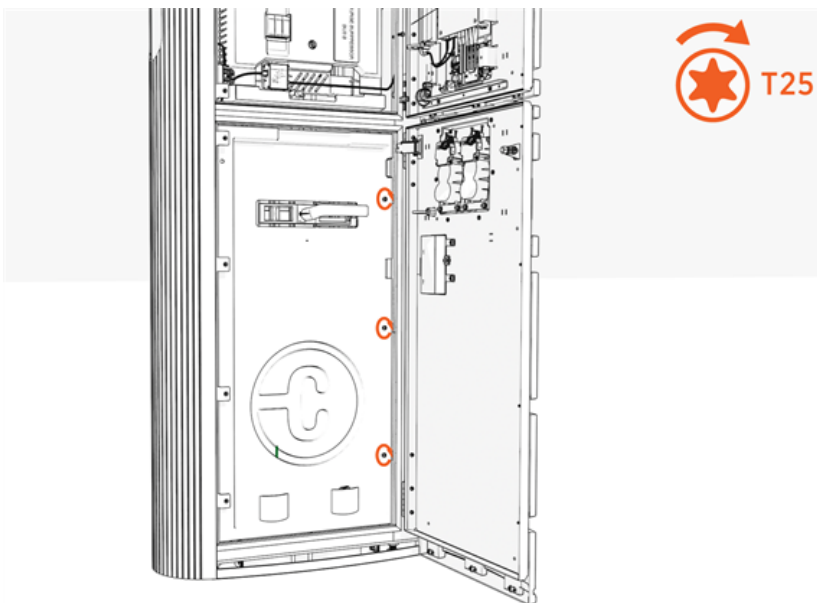


Reinstall

1. Slide in the panel behind the slots on the left.



2. Install screws (x3) (use T25 security screwdriver) on the right side. Torque to 2.8 Nm (25 in-lb).



DC Smart Cable 14

This topic provides information on replacing a DC smart cable.

Bring These Tools and Materials



10 mm deep socket



T25 security screwdriver



Stepladder

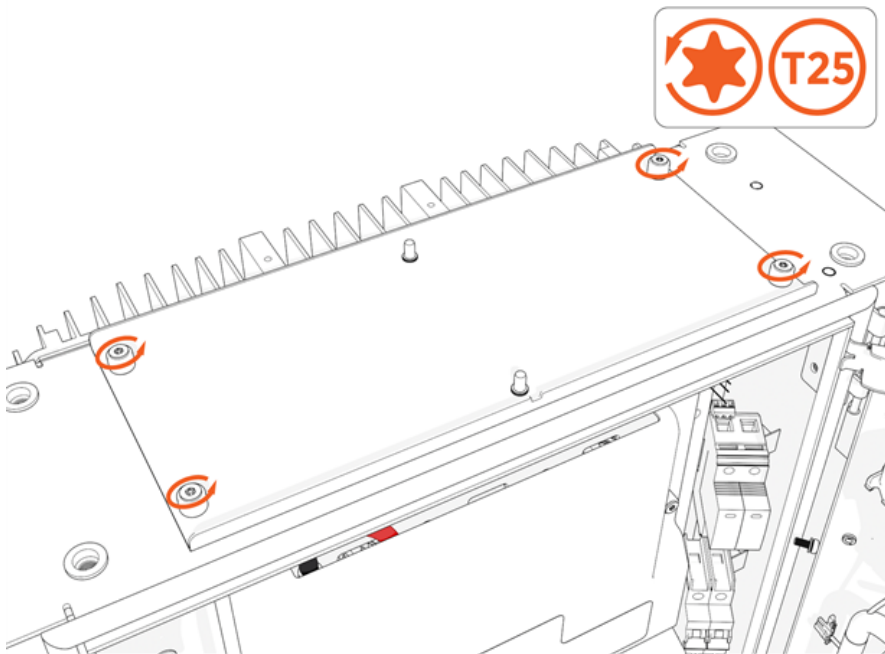


Removable zip ties

Before You Begin

1. Power off the charging station.
2. Determine if the Power Link 1000 has preassembled covers or unassembled components, remove them as necessary.
3. Open the upper door.
4. Remove the DC smart cable bus bar safety cover.
5. Remove the L shaped bus bar safety cover.
6. Remove top access panel.

-
- a. Position a stepladder so you can reach the top access panel.
 - b. Loosen captive screws and lift off the panel.



AFTER REPLACING, REVERSE THE ABOVE STEPS TO COMPLETE THE SERVICE.



IMPORTANT:

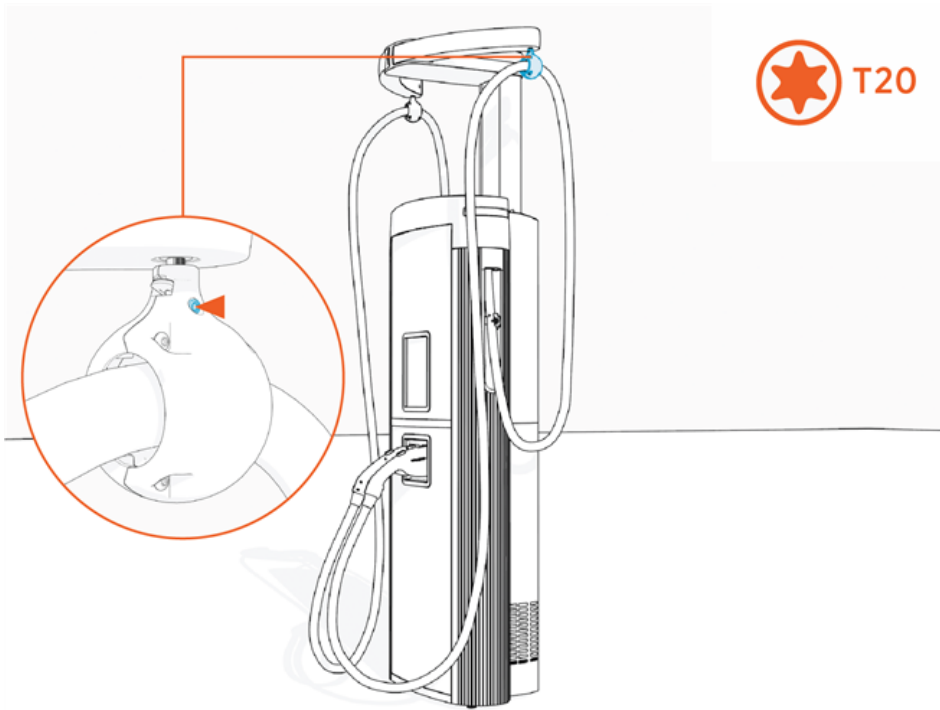
- Complete the post-service checklist.
- Contact ChargePoint regarding faulty part return.

Replace DC Charging Cable

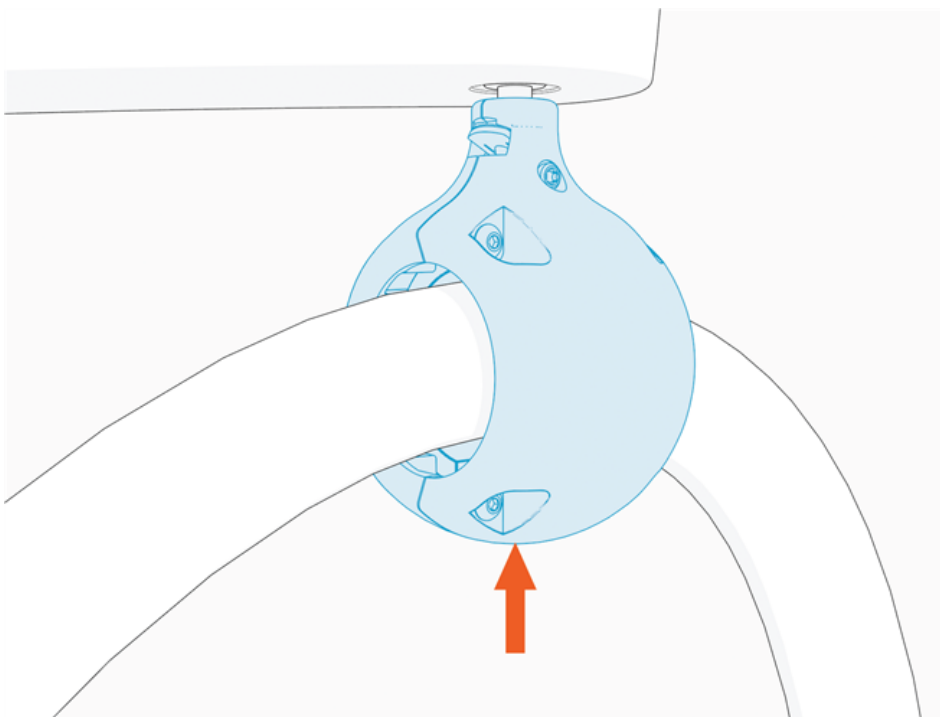
To replace the DC charging cablem complete the following steps:

Release Cable

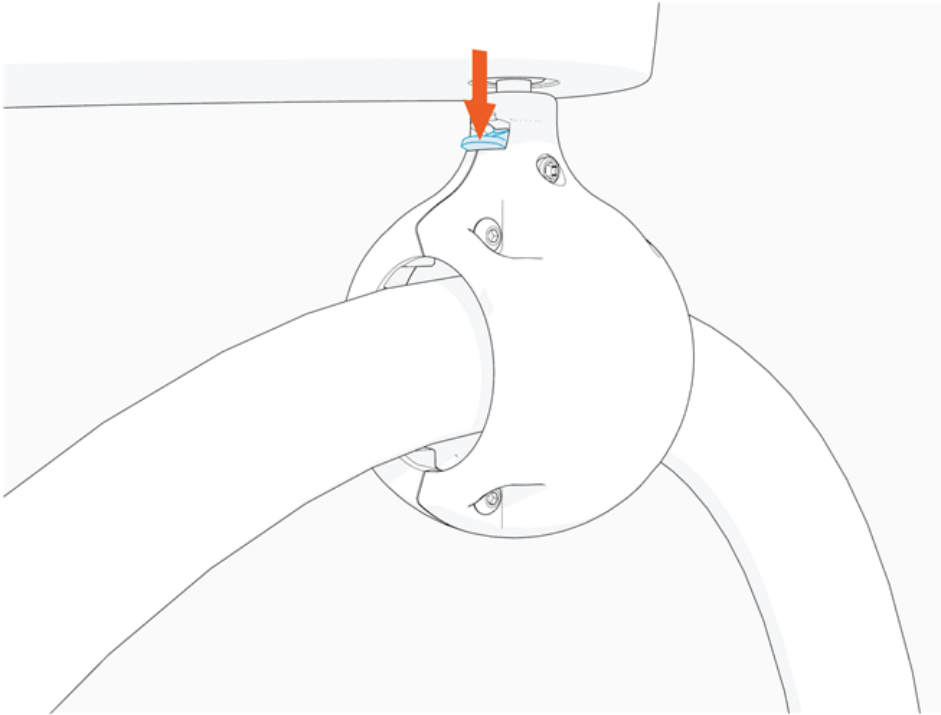
1. Loosen the tetherball screw (if present).



2. Hold the tetherball and gently push it up to unlatch the spring. The spring tab flips downward.



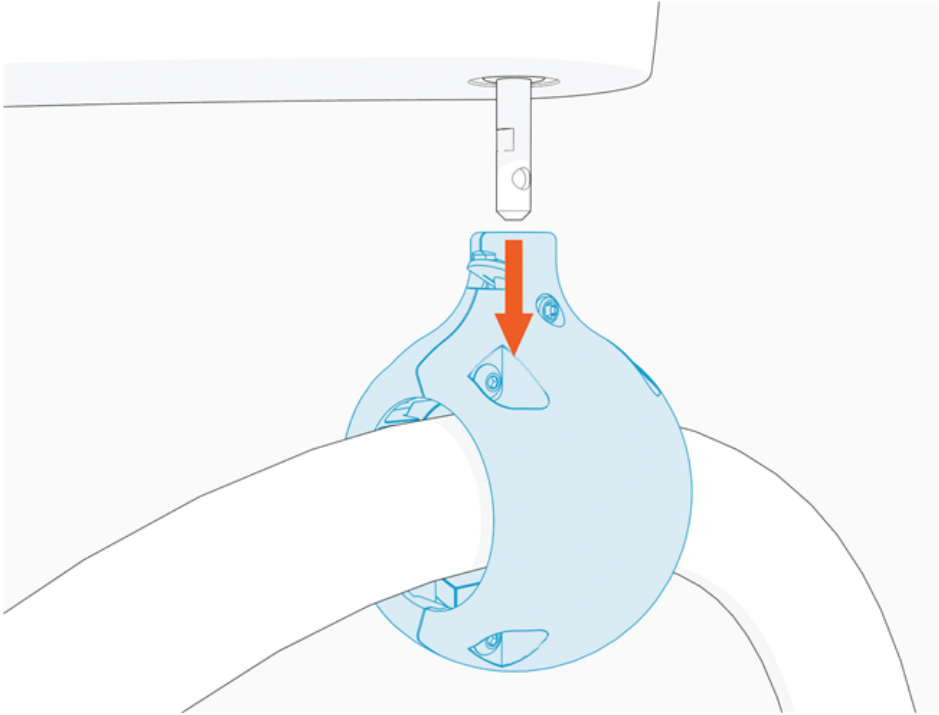
-
3. Hold down the spring tab.



-
4. Remove tetherball from the tether pin to release the cable.



IMPORTANT: Place the cable on a padded surface to avoid scratches on the cable's surface.



Remove Charging Cable

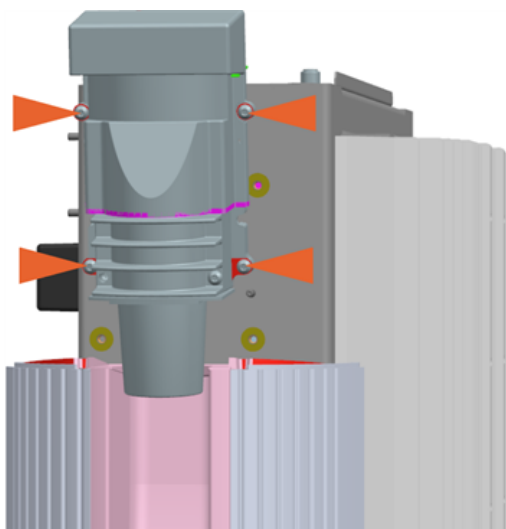
1. Disconnect these for each charging cable.
 - a. One Ethernet connector (left or right, RJ45 connector plugged into RJ45 coupler from the contactor box).
 - b. One 48 V connector (left or right, near opening where charging cable enters cabinet).
 - c. One ground wire (inside the cabinet near the cable housing). Uninstall the M6 nut.
 - d. DC high-voltage cable lugs (left or right, front of contactor box).

CAUTION:



- Take a photo to refer to when you reinstall.
 - If you don't reinstall lugs to their original plate locations, you could reverse positive (red) / negative (black) polarity. This could damage the charging station or vehicle.
 - If you switch connector ports, you could disrupt status reporting between the local system and the ChargePoint Cloud Dashboard or cause charging cable misidentification.
-

-
2. Loosen the M5 screws (x4) (use T25 security screwdriver) on the cable housing.



3. Hold the cable housing in one hand and route the connectors, DC cables and lugs, ferrite ring, and ground wire out of the cabinet.

Install Replacement Charging Cable

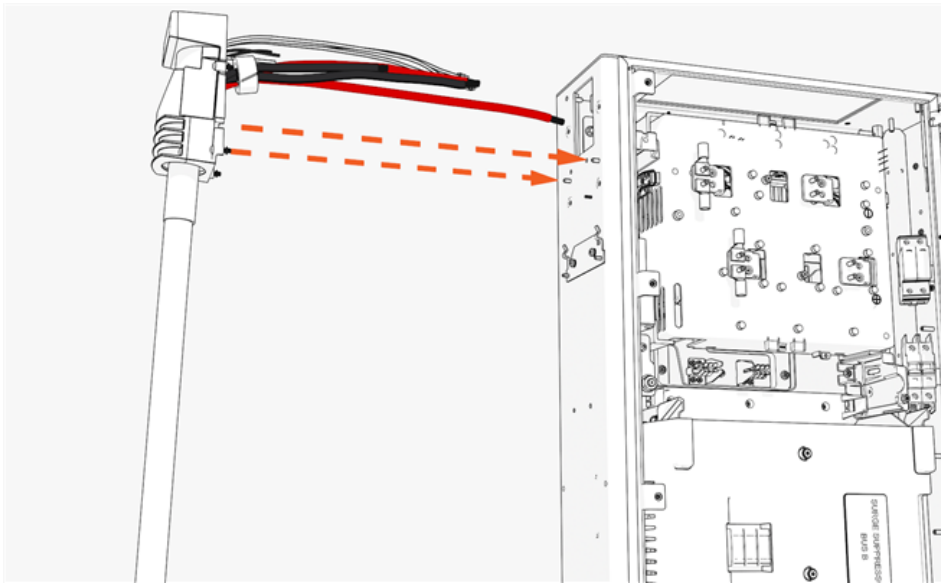
To install the replacement charging cable, complete the following steps:

Route Into Cabinet

1. Unwrap the charging cable.

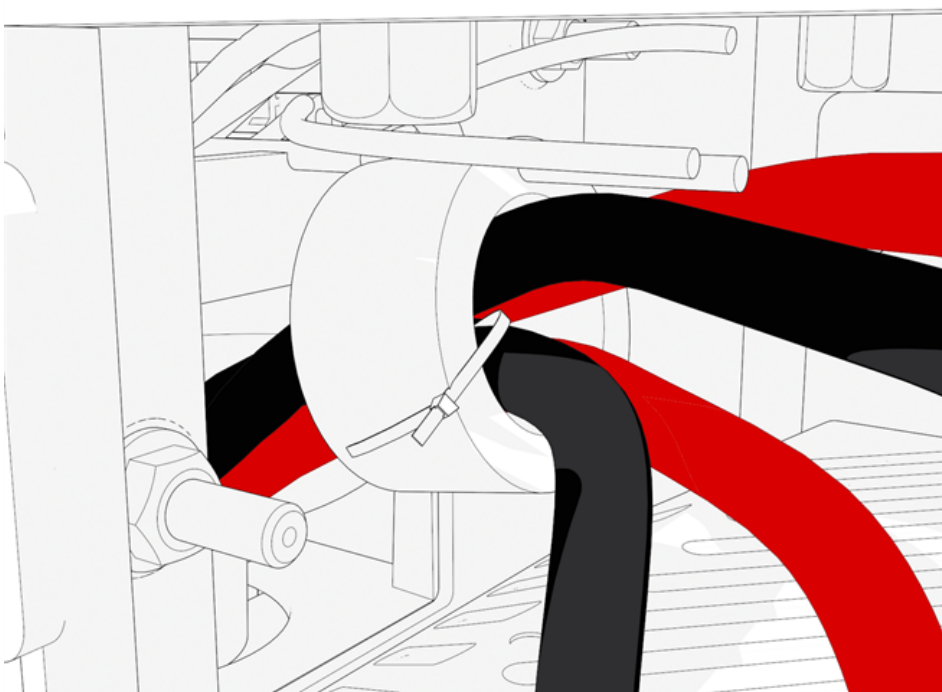
Note: Do not unwrap the cable handle to prevent it from getting scratched during the install process.

2. Route the connectors, DC smart cables and lugs, ferrite ring, and ground wire into the upper cabinet through the opening behind the cable housing.



Note: Tilt the ferrite ring to fit.

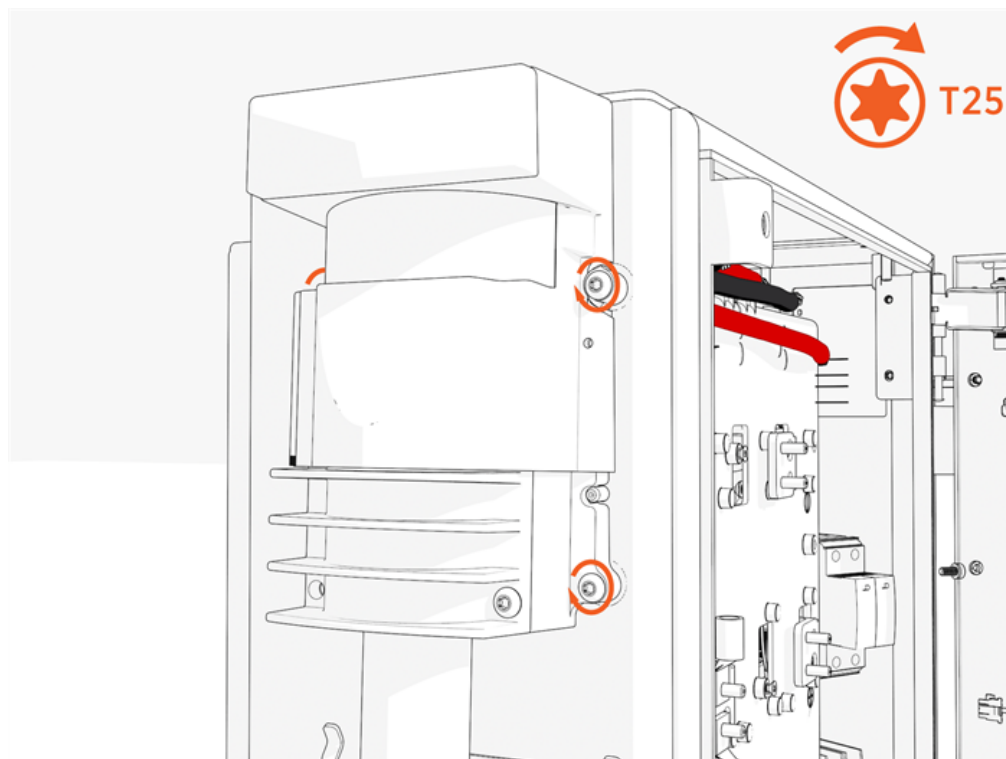
3. If you removed the zip tie, attach a removable zip tie to the cables and ferrite ring.



Cable Housing

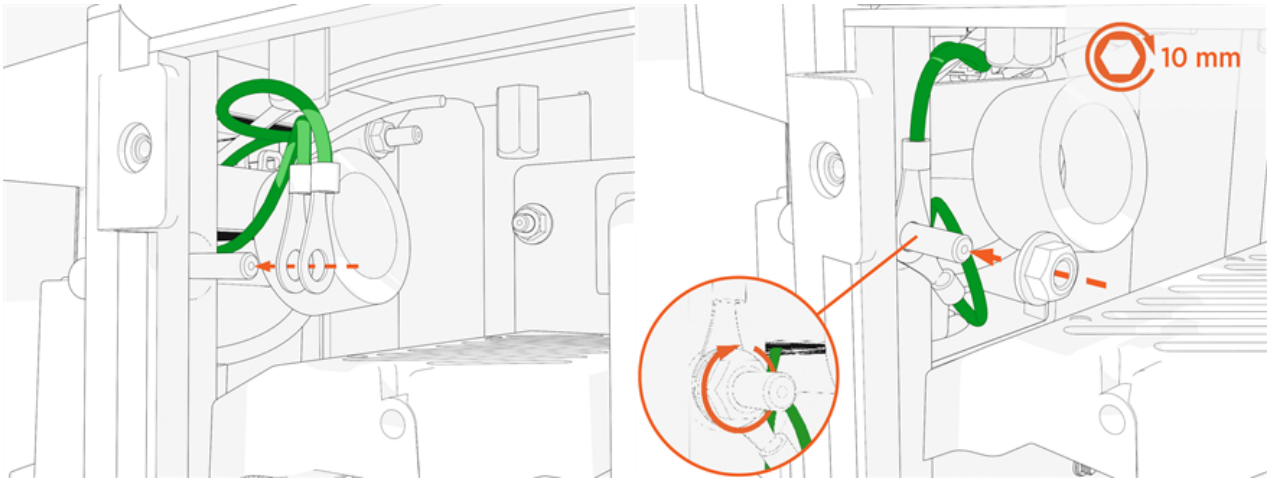
Align the cable housing onto the pegs. Torque to 4.5 Nm (40 in-lb).

Note: Hold or clamp the cable housing in position.

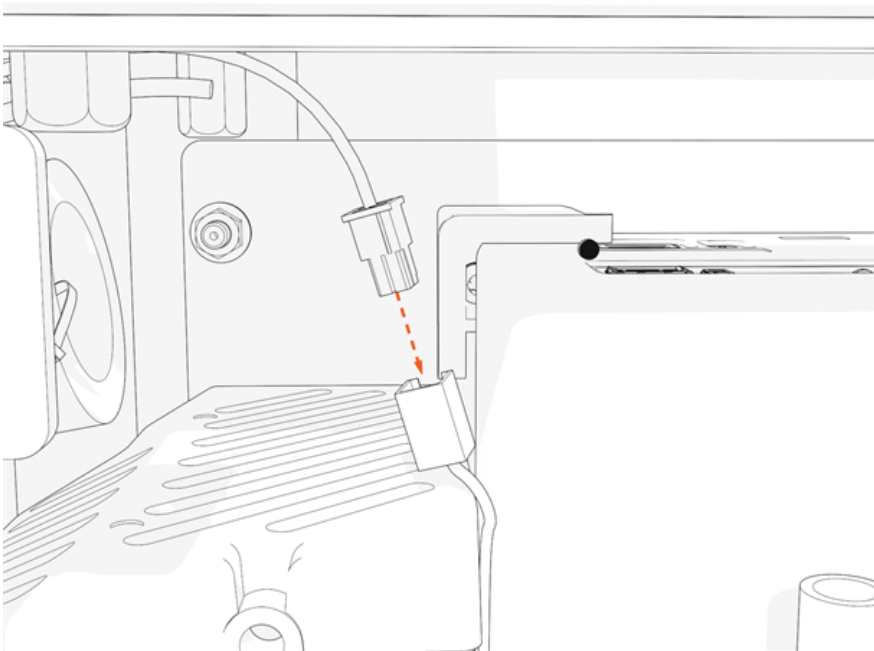


Ground Wire, 48 V Power, and Ethernet

1. Locate the bolt near the cable housing. Install two ground wires for each charging cable. Secure the wires with a nut. Torque to 5.6 Nm (50 in-lb).



2. Locate the right and left wire harness. Connect one 48 V four-pin power connector to each.

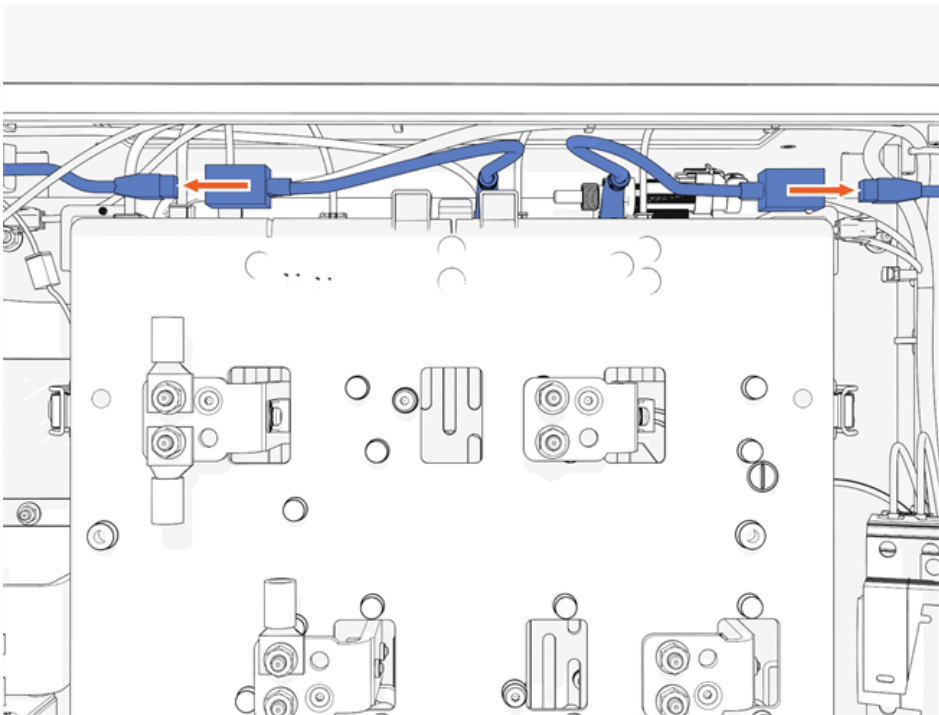


Refer to the photos taken when disconnecting the original charging cables. For the remaining steps, attach the same connector to the same port and the same lug to the same plate for each replacement charging cable.

CAUTION:

- If you switch connector ports, you could cause charging cable misidentification or disrupt status reporting between the local system and the ChargePoint Cloud Dashboard.
- If you don't attach the lugs to their correct plate locations, you could reverse positive (red) and negative (black) polarity. This could damage the station or vehicle.

3. Plug the RJ45 Ethernet connectors from the left and right charging cables into RJ45 couplers on the left and right side respectively.



Note: Refer to the photo you took.

DC Lugs and Nuts

1. Land each positive and negative DC lug with a nut on the correct plate.

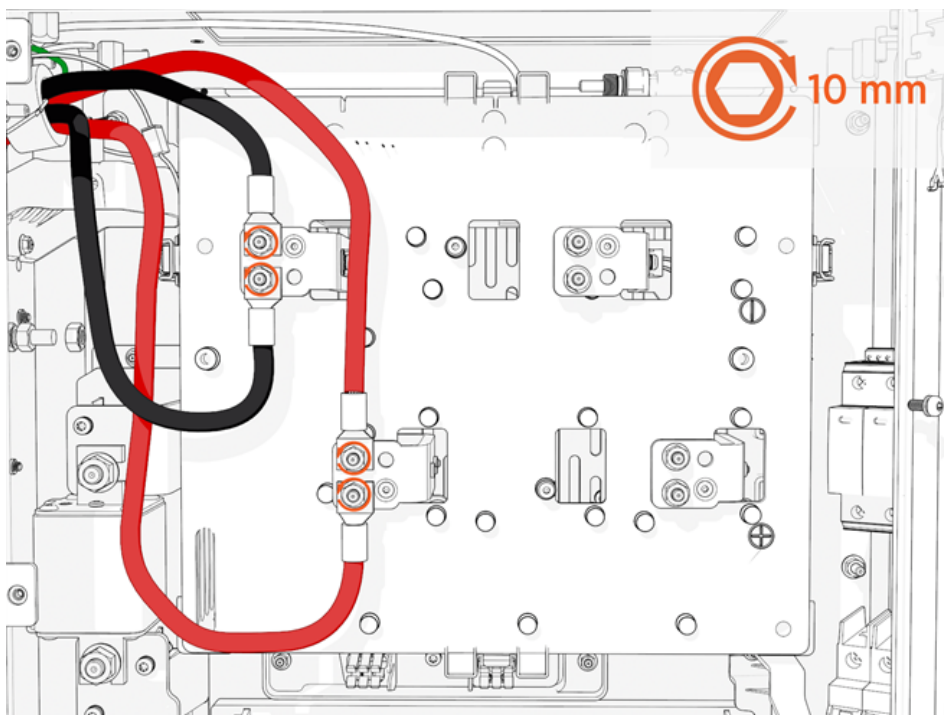
Note: Refer to the photo you took.

Torque to 5.6 Nm (50 in-lb).

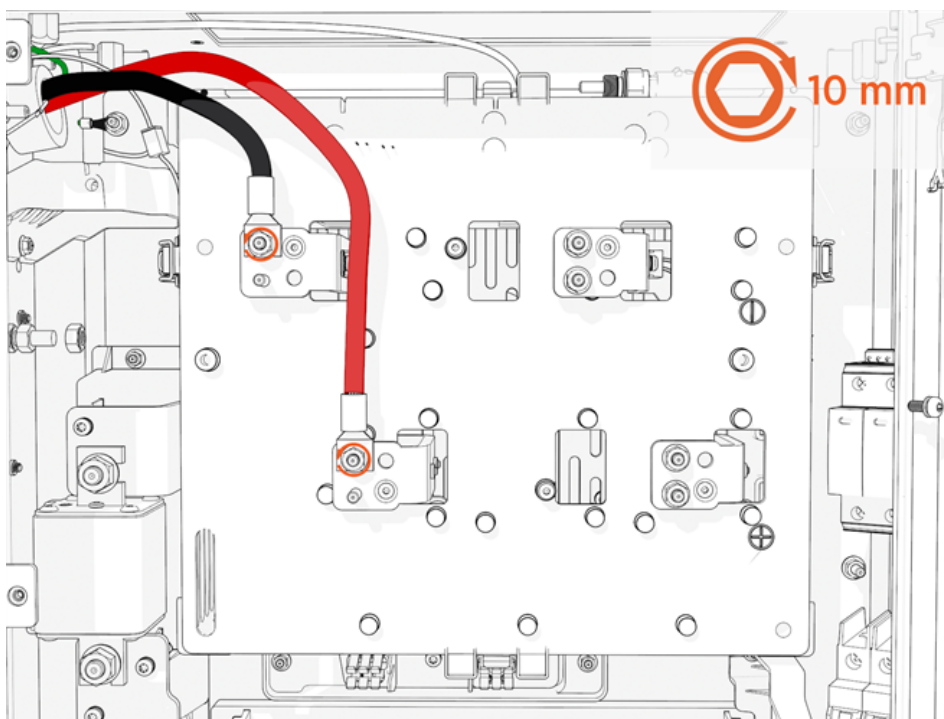
Note: Ensure that the cable pigtails (i.e., loose ends) crimped into a lug are not rubbing against the lug landing plate.

2. Install either four DC lugs for each charging cable of 350 A or two DC lugs for each charging cable of 250 A or less.

350 A:

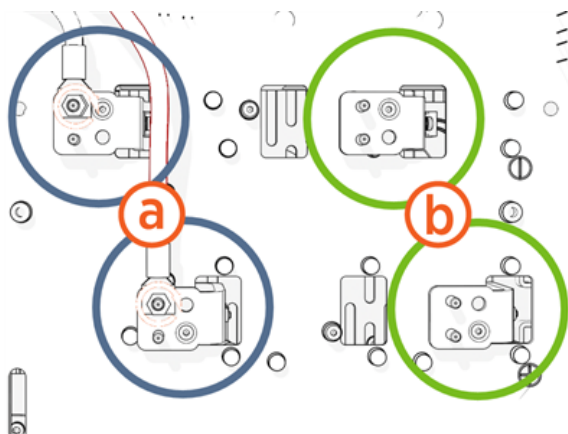


250 A or less:



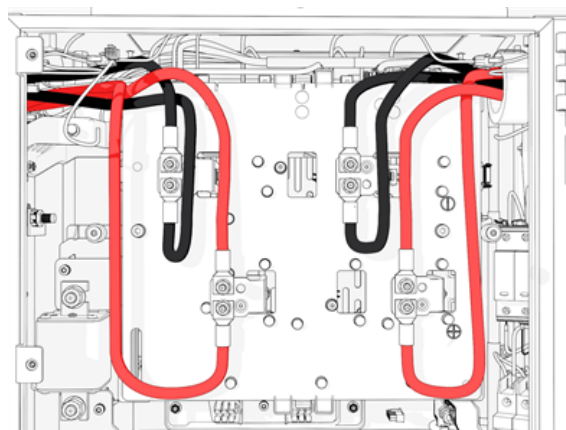
You must install the charging cable lug to either a left or right plate corresponding to the left or right charging cable.

Left and Right Charging Cables



- (a) Left charging cable
- (b) Right charging cable

Red DC Cables to Positive Connectors



You must install each charging cable lug to either an upper or a lower plate to maintain the correct negative (black) or positive (red) polarity.



CAUTION: Before work, take a picture of which cable tab plugs into which slot on the contactor assembly. Cables are color-coded (black is negative, red is positive). Color codes are different for each installed charge connector type. It is critical that the cables are reattached to their original locations.

- CHAdemo has white and black color codes whereas NACS, CCS1, and CCS2 have red and black color codes.
- It is easiest to unfasten all cables for better access, even if only one cable is being replaced.



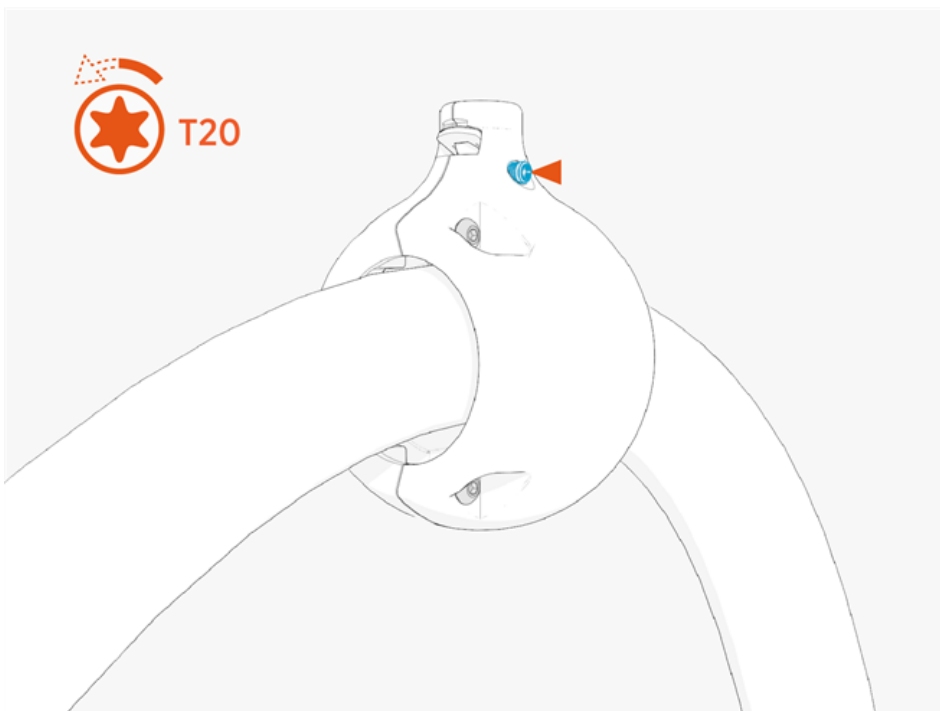
CAUTION: If you don't install lugs to the correct plate locations, you could reverse positive (red) / negative (black) polarity. This could damage the station or vehicle.

Hang the Charging Cable

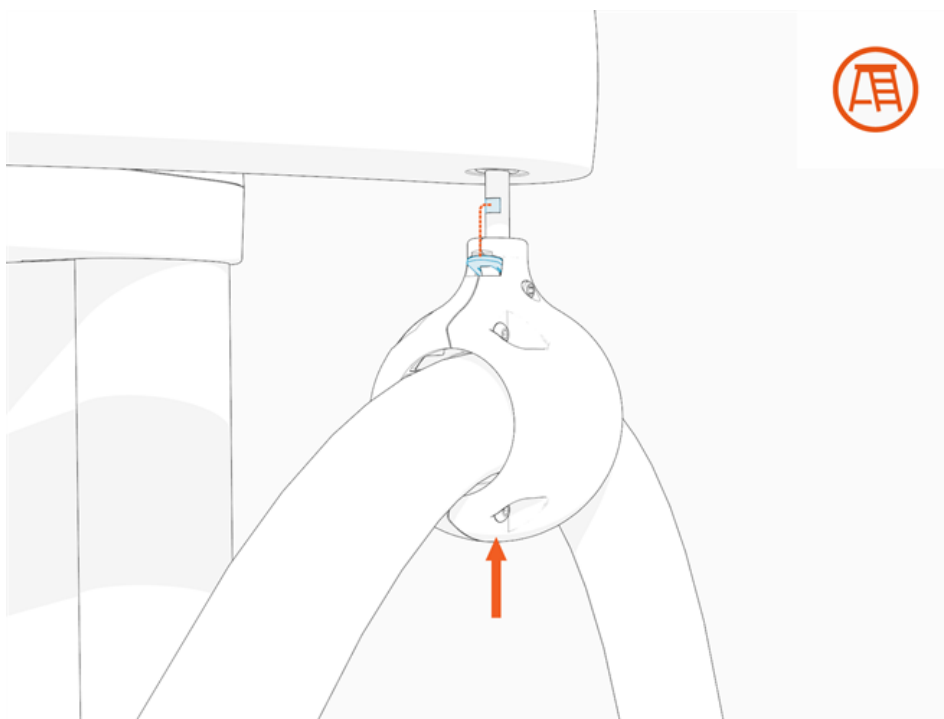
1. Position the stepladder so that you can reach the hanging point.



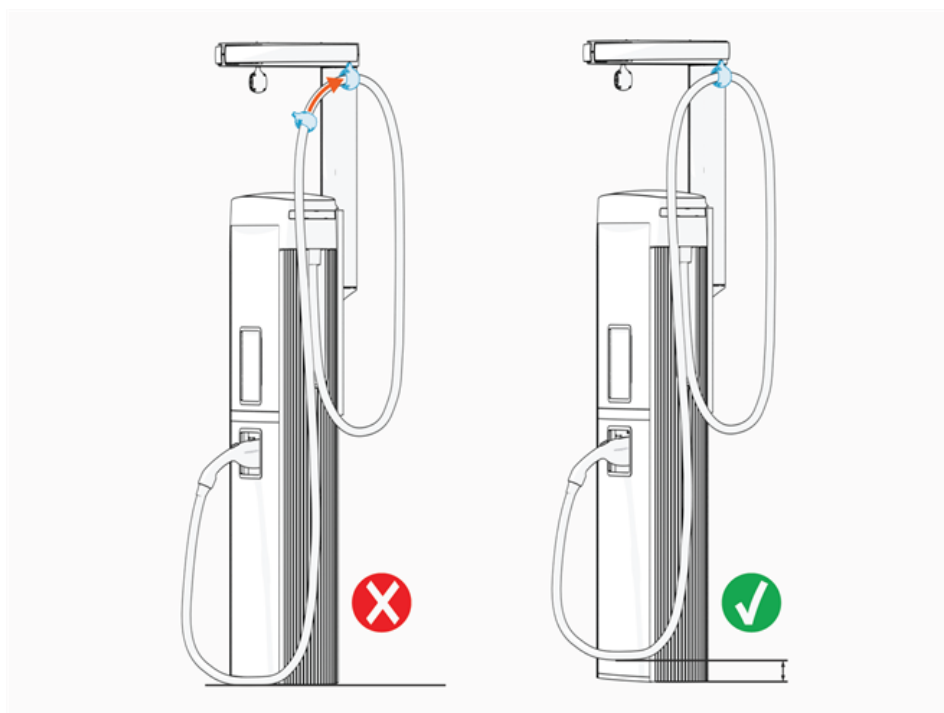
2. Ensure the screw (if present) on the charging cable tetherball is loose.



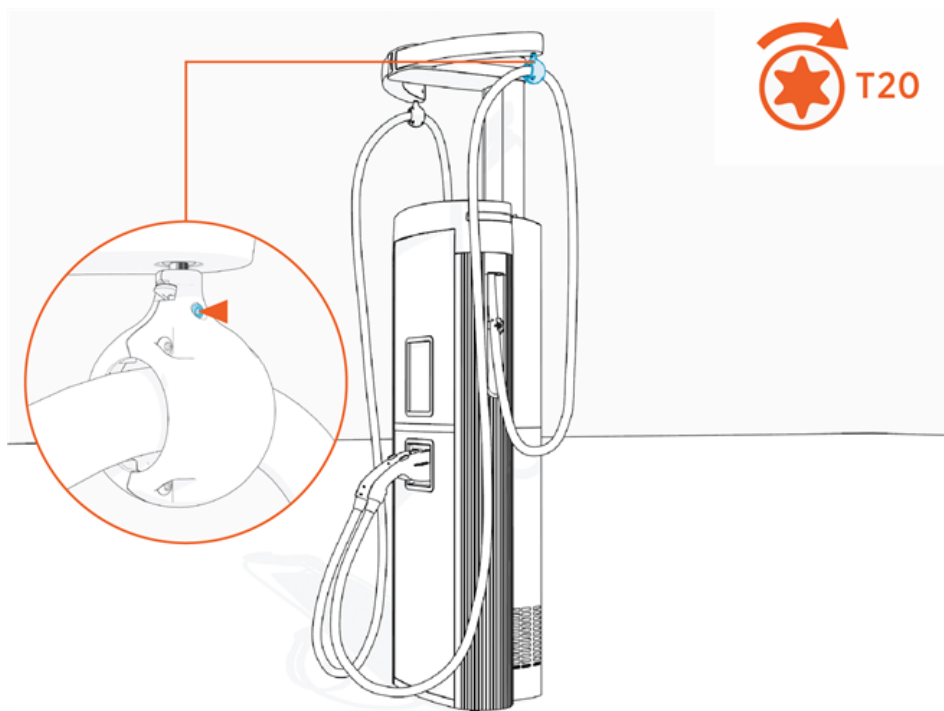
3. Align the spring with flat notch on the tether pin and gently push the tetherball onto the pin to hang the cable.



4. If necessary, slide the tetherball to a position on the cable such that the cable doesn't touch the ground when installed onto the CMK tether pin.



-
5. Torque the screw to 2.8 Nm (25 in-lb)



Contactor Box 15

This topic provides information on replacing the contractor box.

Bring These Tools and Materials



T25 security screwdriver

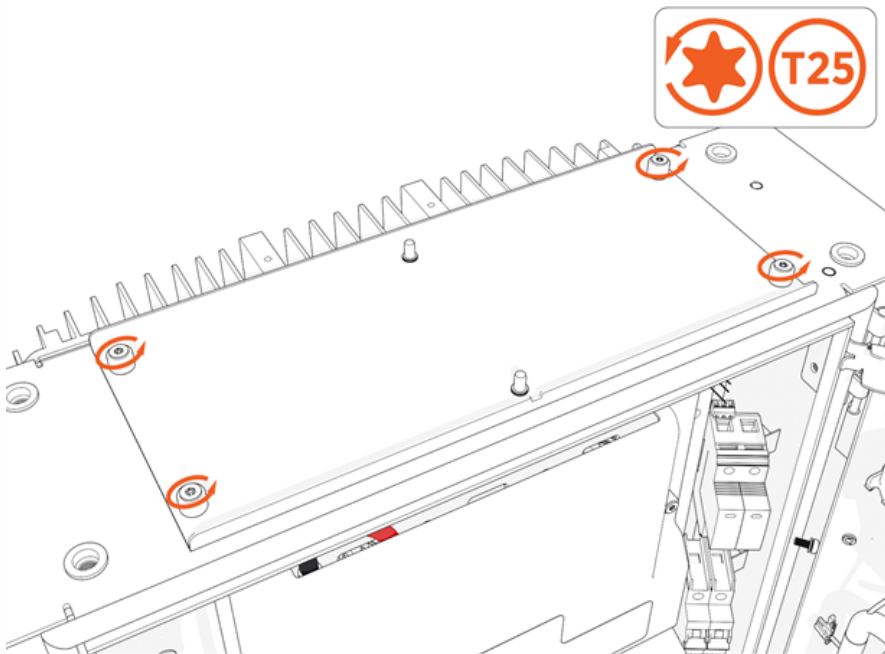


Stepladder

Before You Begin

1. Power off the charging station.
2. Determine if the Power Link 1000 has preassembled covers or unassembled components, remove them as necessary.
3. Open the upper door.
4. Remove the DC smart cable bus bar safety cover and L shaped bus bar safety cover.
5. Remove top access panel.

-
- a. Position a stepladder so you can reach the top access panel.
 - b. Loosen captive screws and lift off the panel.



6. Remove DC smart cable.

AFTER REPLACING, REVERSE THE ABOVE STEPS TO COMPLETE THE SERVICE.

IMPORTANT:

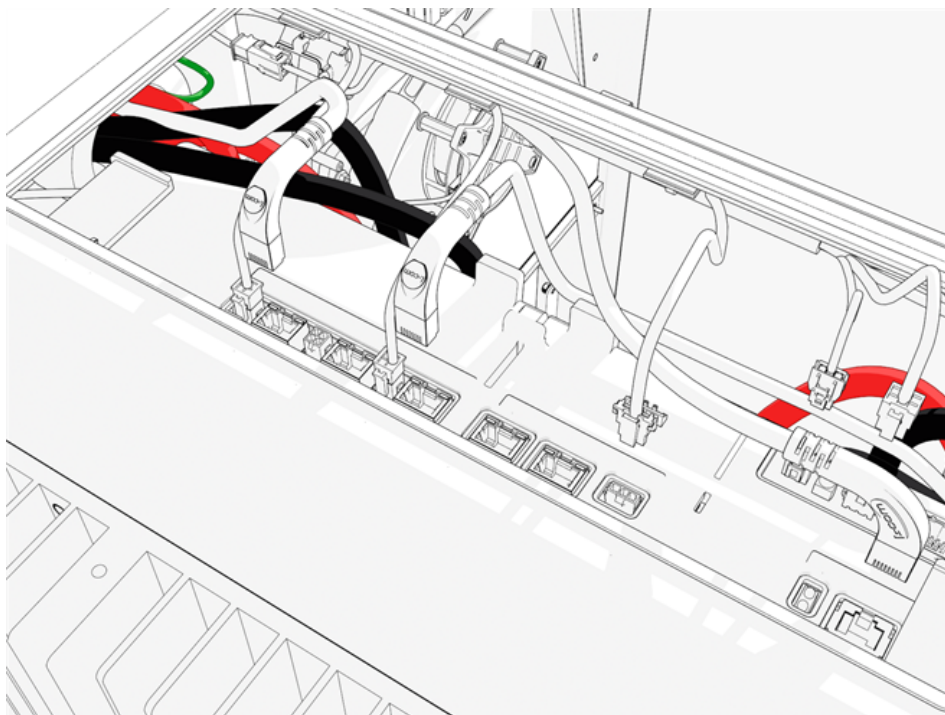


- Complete the post-service checklist.
- Contact ChargePoint regarding faulty part return.

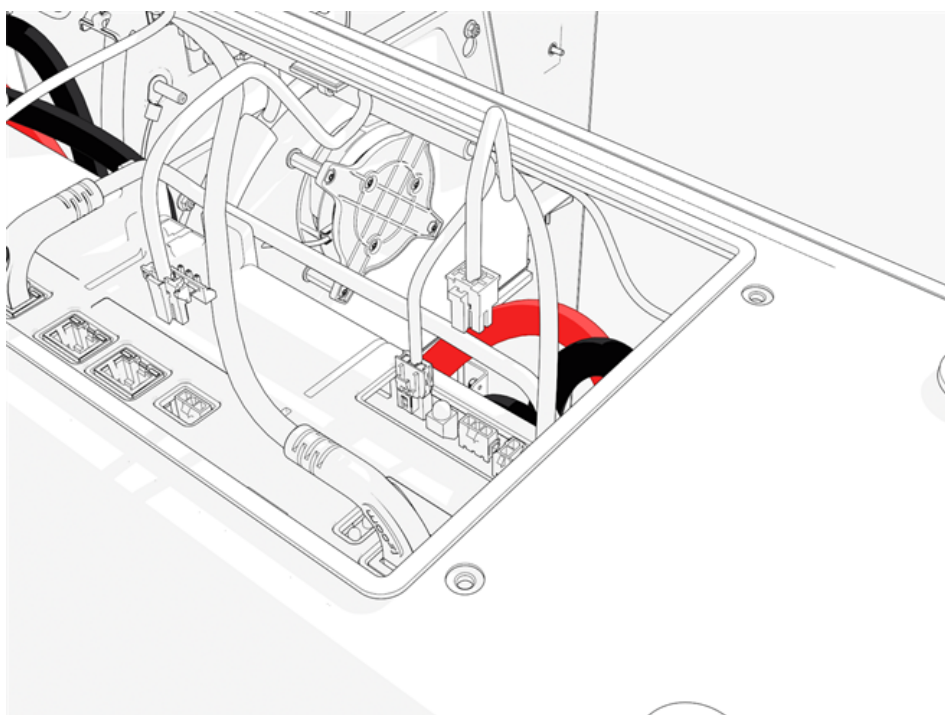
Replace Contactor Box

To replace the contractor box, complete the following steps:

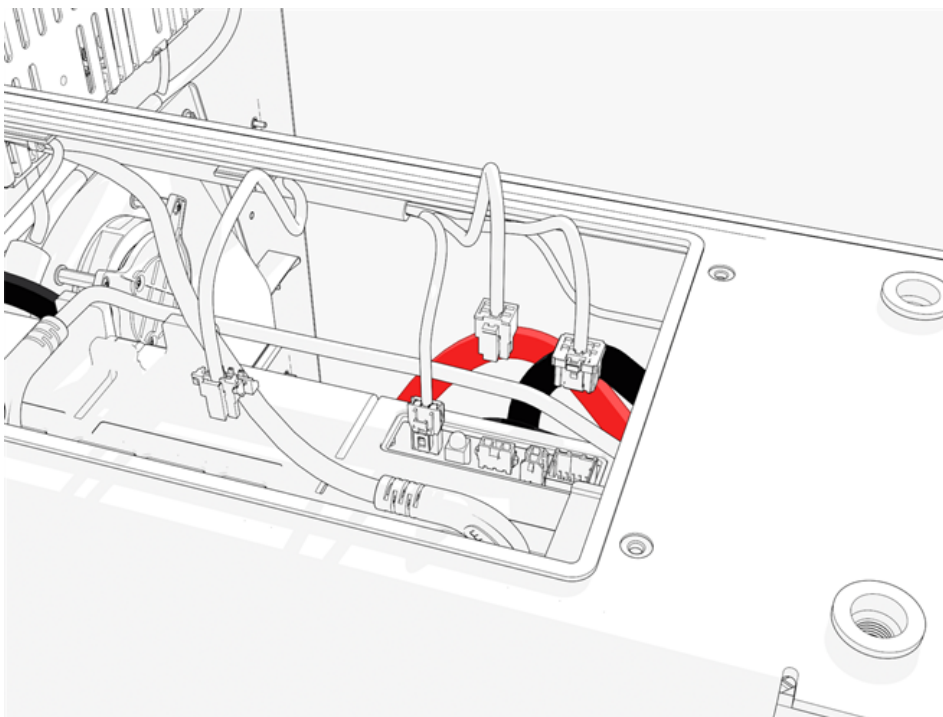
1. Disconnect the three-pin SSLAN power connector.



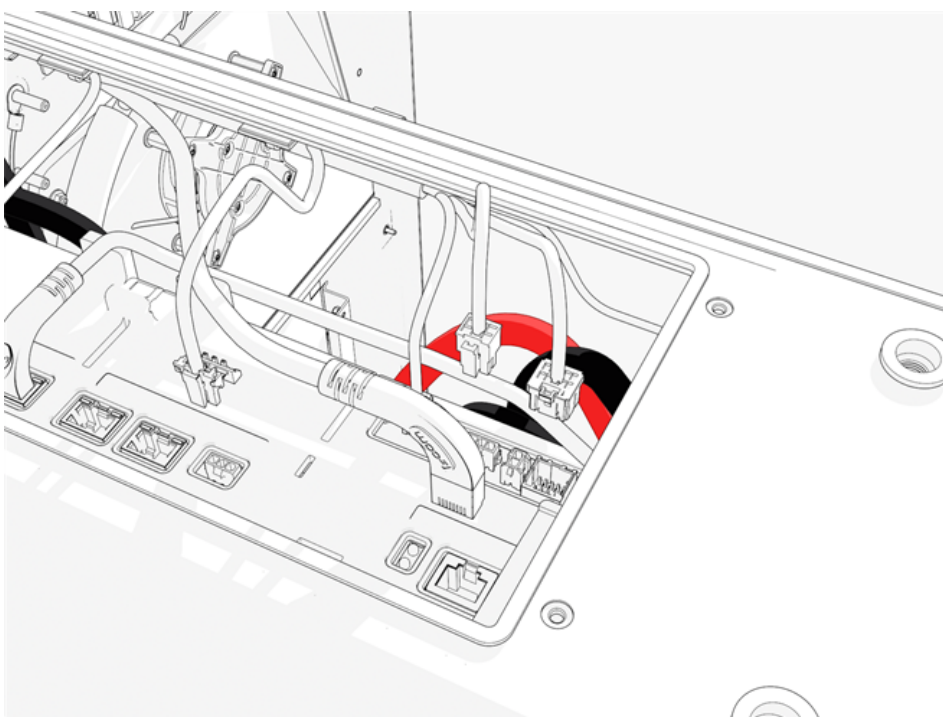
2. Disconnect the six-pin ISOMON power connector.



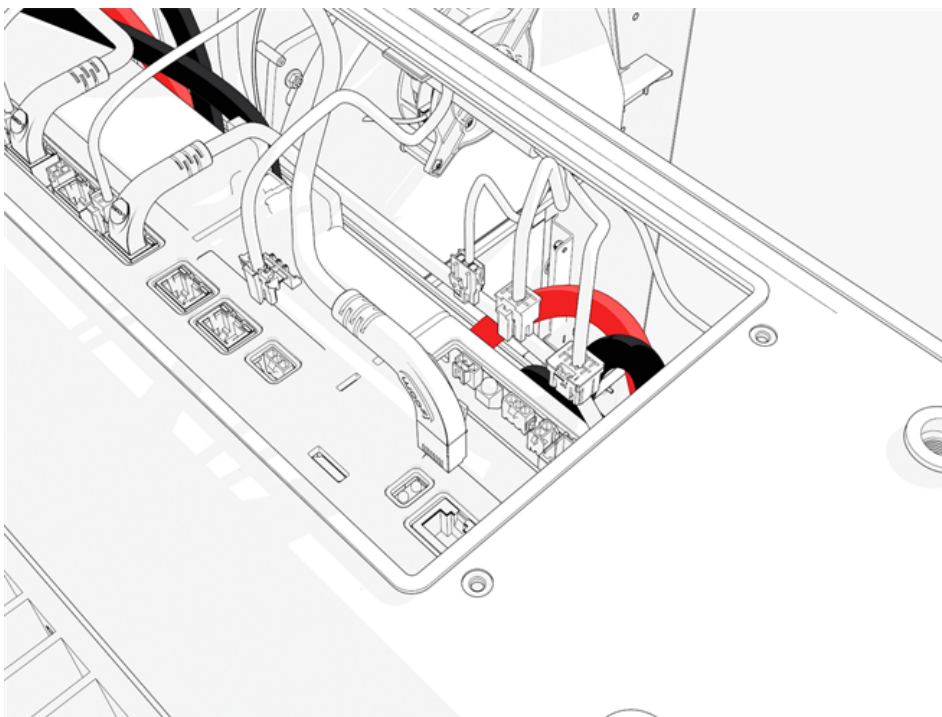
-
3. Disconnect the ten-pin CAN connector (for the CCOM).



4. Disconnect the Ethernet connector (for the CCOM).

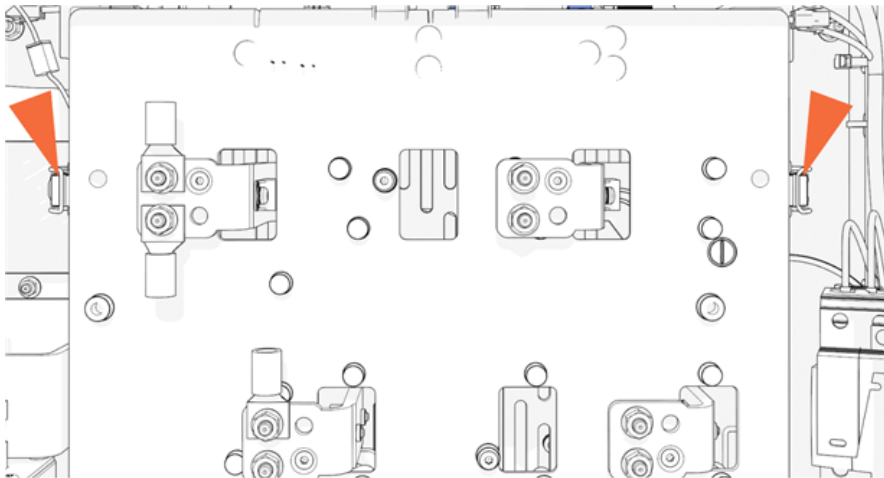


-
5. Disconnect the three-pin nano-fit connector.

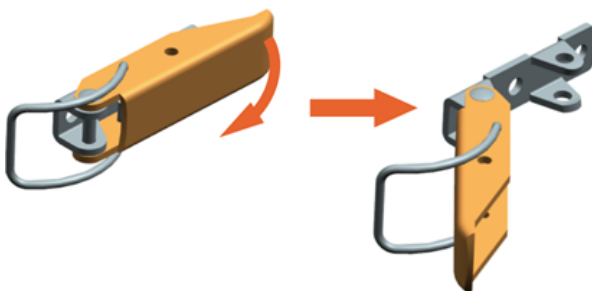


6. Unlatch the contactor box.

- a. Locate the two latches on the left and right side.



- b. Pull the lever on each to unlatch the contactor box.



7. Hold both sides and pull the contactor box out.



IMPORTANT: Use more force on the lower part of the contactor box to release that area from the bus bar clips.



WARNING: Heavy

- Maintain a secure hold of this heavy part.
- If you do not, you could drop this item and damage it or injure yourself or others.

REVERSE THE ABOVE STEPS TO REINSTALL.

Rear Fan Tray 16

This topic provides information on replacing the rear fan tray.

Bring These Tools and Materials



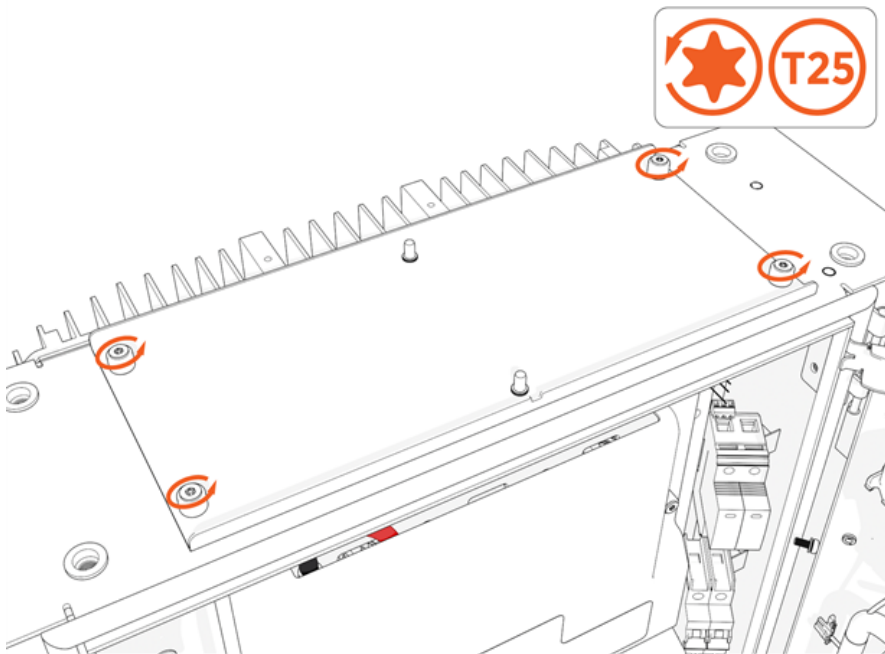
T25 security screwdriver

Before You Begin

Complete the following steps, before you begin:

1. Power off the charging station.
2. Determine if the Power Link 1000 has preassembled covers or unassembled components, remove them as necessary.
3. Open the upper door.
4. Remove the DC smart cable bus bar safety cover.
5. Remove the L shaped bus bar safety cover.
6. Remove top access panel.

-
- a. Position a stepladder so you can reach the top access panel.
 - b. Loosen captive screws and lift off the panel.



7. Remove DC smart cable.
8. Remove contactor box.

AFTER REPLACING, REVERSE THE ABOVE STEPS TO COMPLETE THE SERVICE.

IMPORTANT:

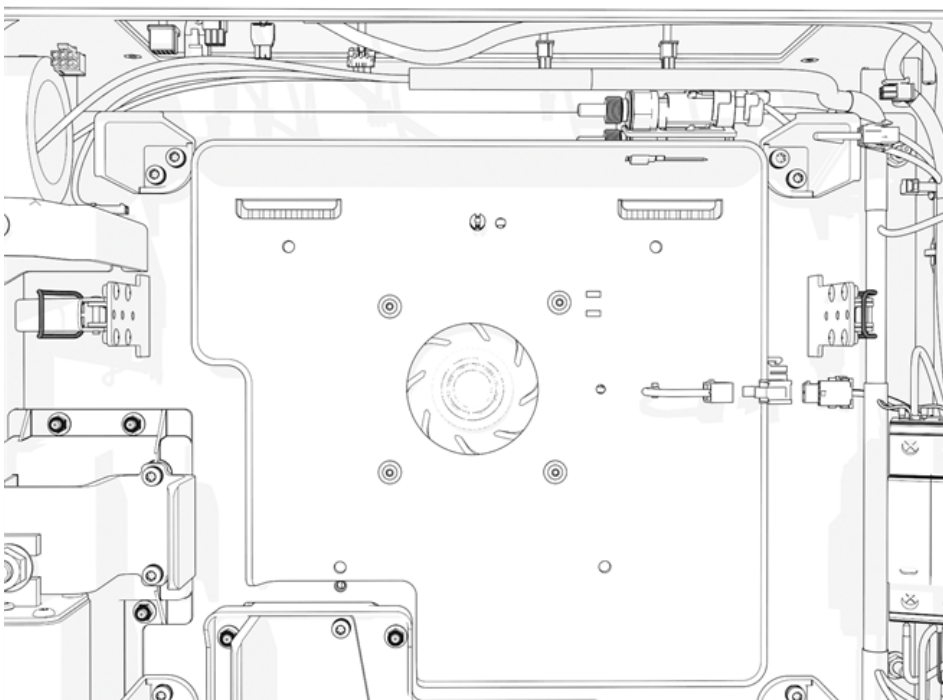


- Complete the post-service checklist.
- Contact ChargePoint regarding faulty part return.

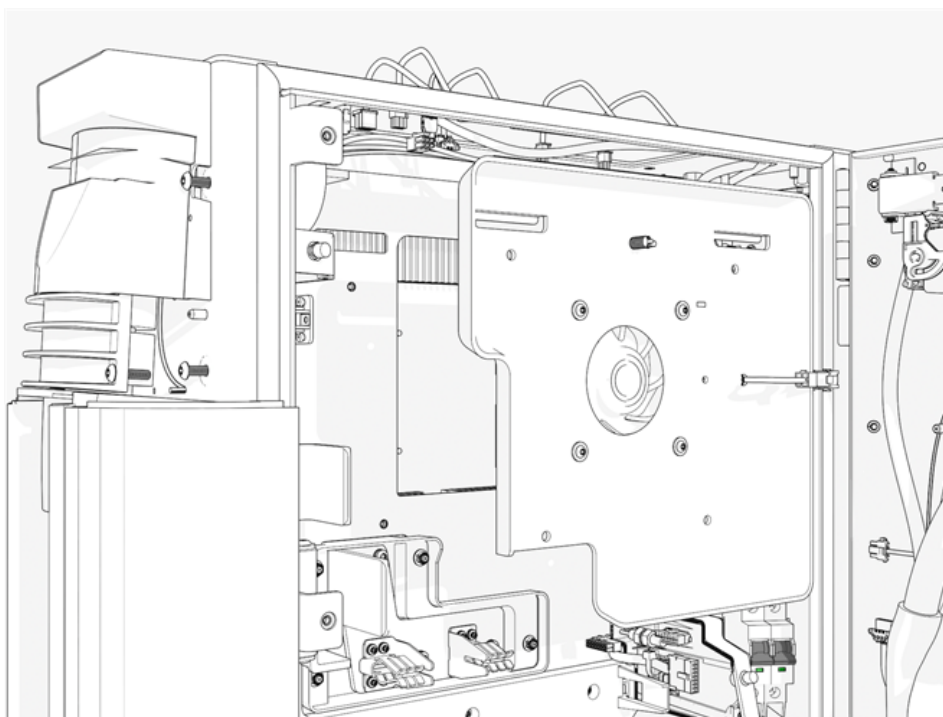
Replace Rear Fan Tray

To replace the rear fan tray, complete the following steps:

1. Disconnect the connectors (x2) (at right, for fan power and temperature sensor).



2. Remove the M5 screws (x4) (use T25 security screwdriver).
While reinstalling torque the screws to 2.8 Nm (25 in-lb).



3. Lift the fan tray slightly up off the brackets on the back. Then move it straight out of the cabinet.



CAUTION: A sensor is attached horizontally to the upper back of the fan tray.
To avoid damaging the sensor behind the fan tray, do not touch the upper back of the fan tray to any other surface or part.

REVERSE THE ABOVE STEPS TO REINSTALL.

Dual Input Contactor Kit 17

This topic provides information on servicing the dual input contactor kit.

Bring These Tools and Materials



T25 security screwdriver



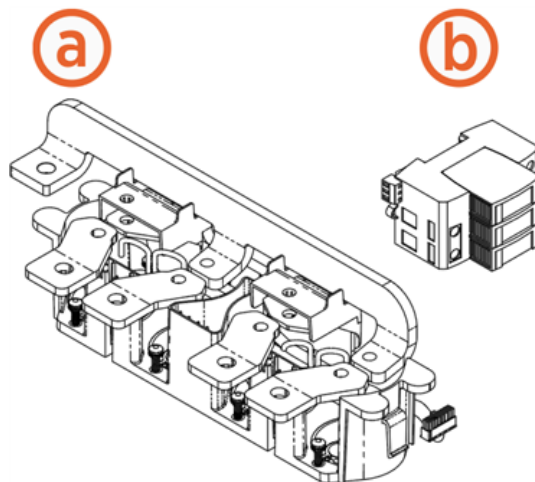
Hex socket set (17 mm, 10 mm, 8 mm)



Torque paint pen

Kit Components

This kit is for installing on a Power Link 1000 without the dual input contactors or replacing an existing one.



- (a) Dual input contactors assembly
- (b) High voltage (HV) surge suppressor

Before You Begin

Complete the following steps, before you begin:

1. Power off the charging station.
2. Determine if the Power Link 1000 has preassembled covers or unassembled components, remove them as necessary.
3. Open the upper door.
4. Remove the DC smart cable bus bar safety cover.
5. Remove the L shaped bus bar safety cover.
6. Remove upper bus bar safety cover.

AFTER INSTALLING, REVERSE THE ABOVE STEPS TO COMPLETE THE SERVICE.



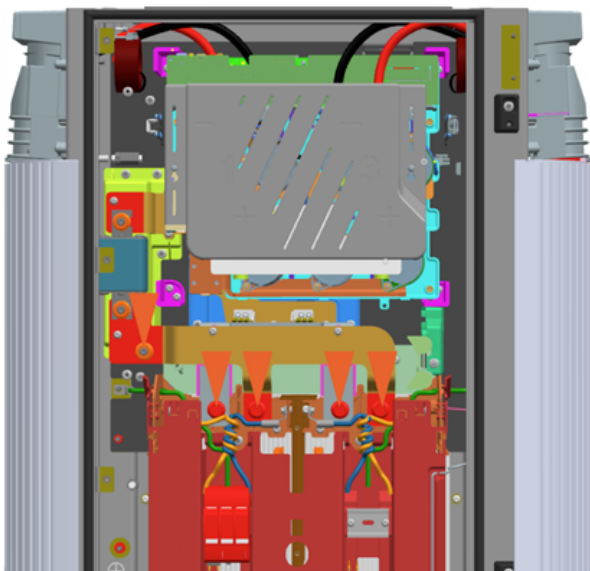
IMPORTANT:

- Complete the post-service checklist.
 - Contact ChargePoint regarding faulty part return.
-

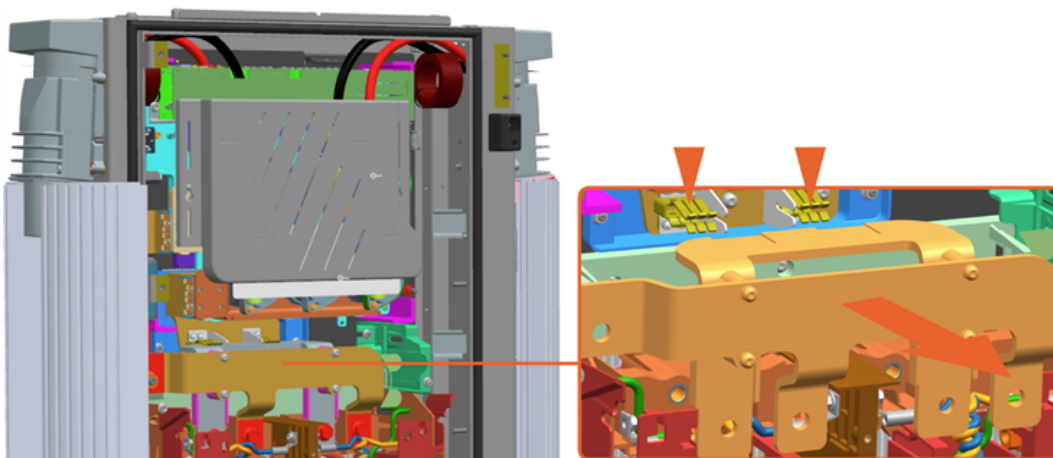
Install Dual Input Contactors

To install the dual input contactors, complete the following steps:

1. If applicable, remove the combiner bus bar assembly.
 - a. Remove the M10 hex fasteners (x5) (use 17 mm socket).

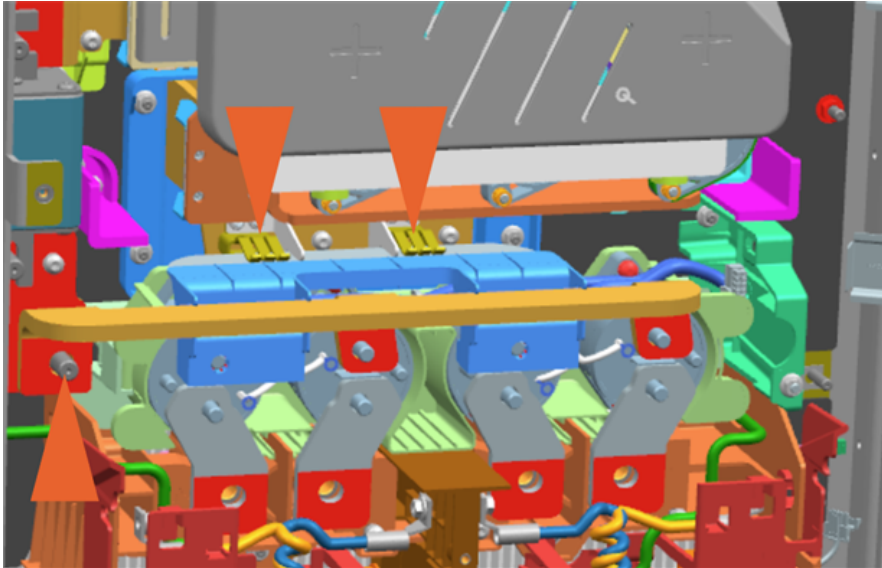


- b. Pull the assembly out of the two bar clips.



2. Install the dual input contactors assembly.

- a. Press the assembly into the two bar clips. Make sure that the bus bar is installed onto the M10 stud on the left side.



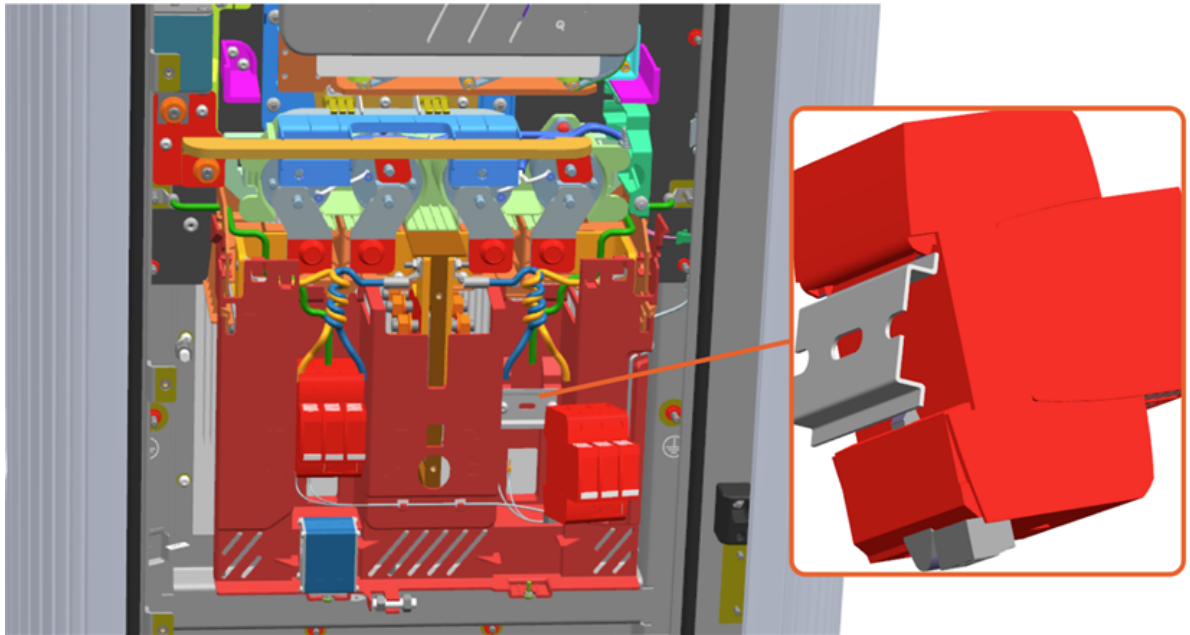
- b. Install the M10 fasteners (x5) (use 17 mm socket).



IMPORTANT: Torque the fasteners to 19 Nm (168 in-lb) and mark the torqued fasteners using a torque paint pen.



-
3. If applicable, install the HV surge suppressor.
 - a. Hook the upper groove behind the HV surge suppressor onto the upper edge of the bracket.



- b. Rotate in the lower groove and press onto the lower edge of the bracket. Make sure that the clip behind the HV surge suppressor clips into place. To remove, press the plunger below the clip and rotate out.

c. Connect the DC and ground wires.

i. Uninstall the M5 nuts (x2) (use 8 mm socket) on the left and right side.



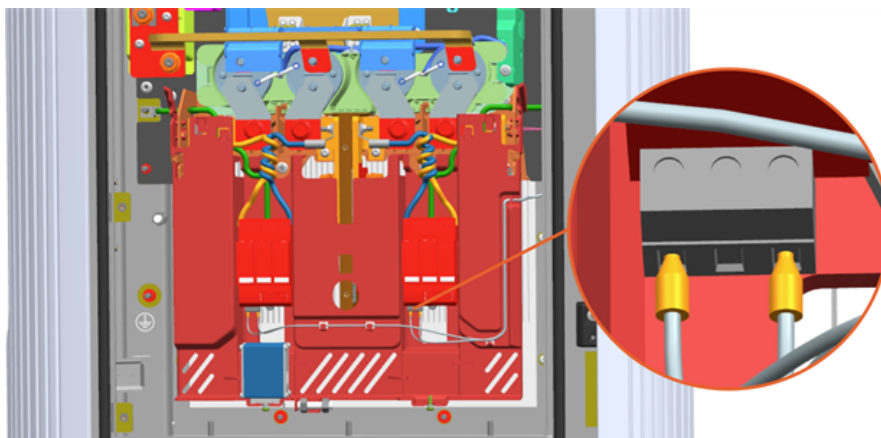
ii. Install the DC wire lugs and M5 nuts onto the studs. Torque to 4.5 Nm (40 in-lb).

iii. Uninstall the M6 nut (use 10 mm socket) on the frame.



iv. Install the ground wire lug and M6 nut onto the stud. Torque to 5.6 Nm (50 in-lb).

-
- d. Connect the HV surge feedback wires.



REVERSE THE ABOVE STEPS TO REMOVE THE DUAL INPUT CONTACTORS AND HV SURGE SUPPRESSOR.

Maintenance Switch Kit 18

This topic provides information on servicing and replacing the maintenance switch kit.

Bring These Tools and Materials



T25 security screwdriver



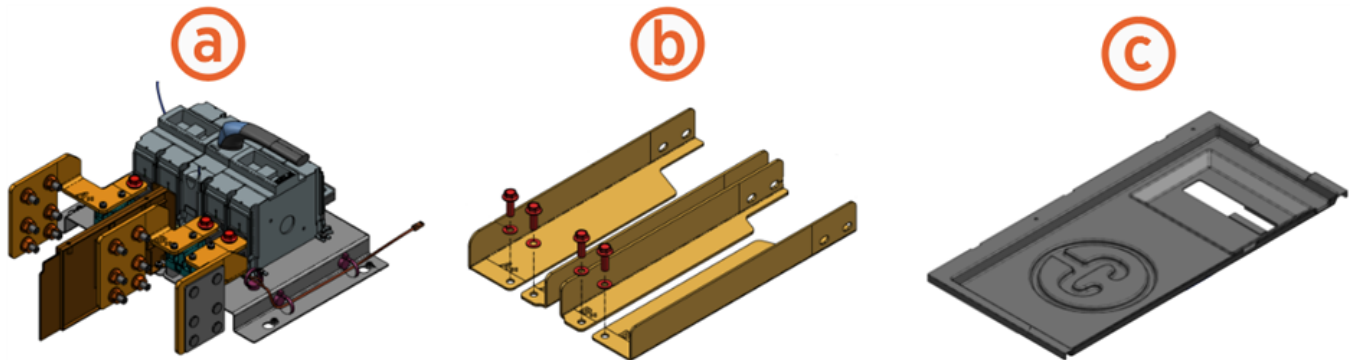
Hex socket set (17 mm, 8 mm)



Torque paint pen

Kit Components

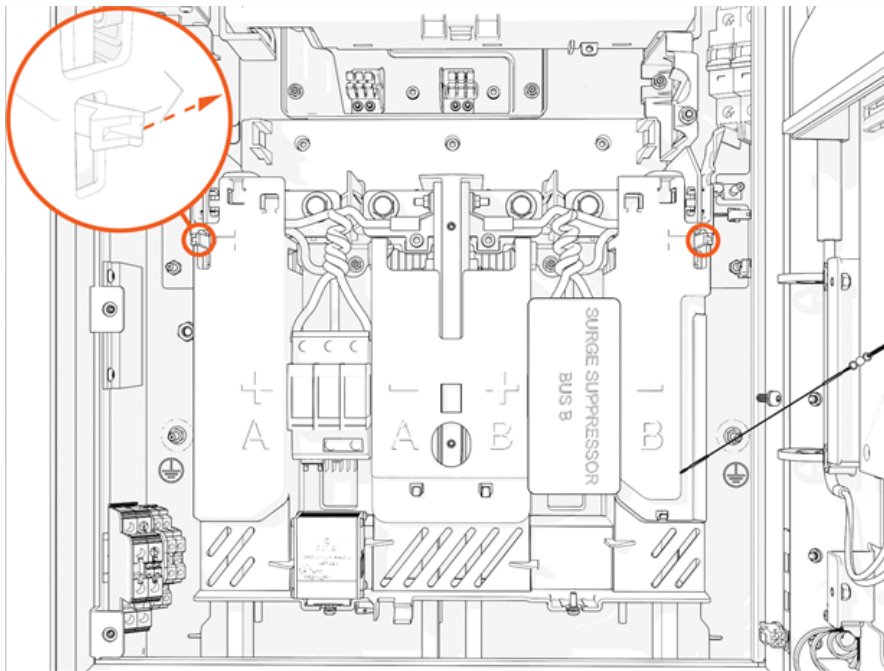
This kit is for installing on a Power Link 1000 without the maintenance switch or replacing an existing one that has failed.



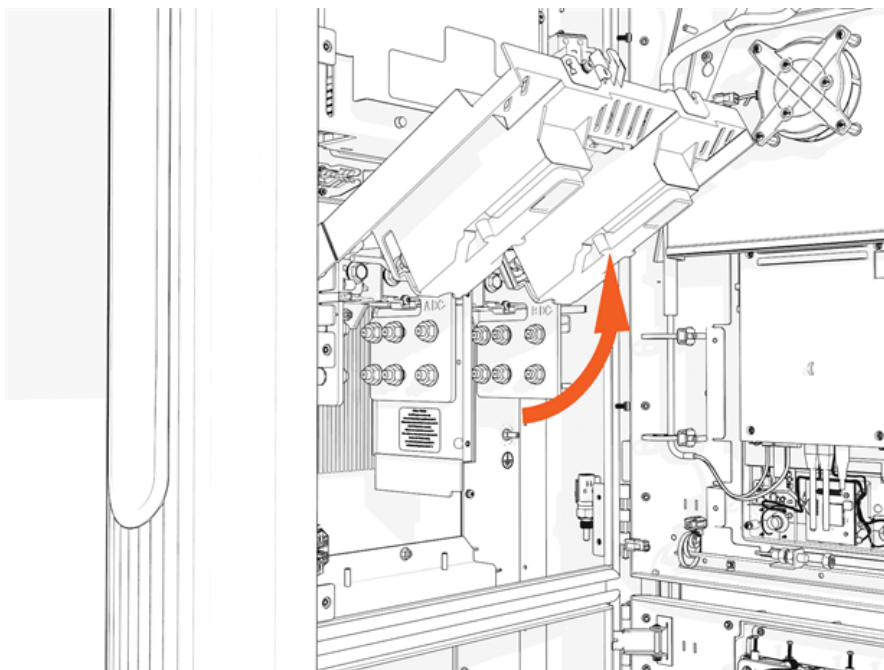
- (a) Maintenance switch assembly - single or dual input
- (b) Extruded bus bars with two M10 bolts and washers (x2 or x4) - two for single input or four for dual input
- (c) Safety shield

Before You Begin

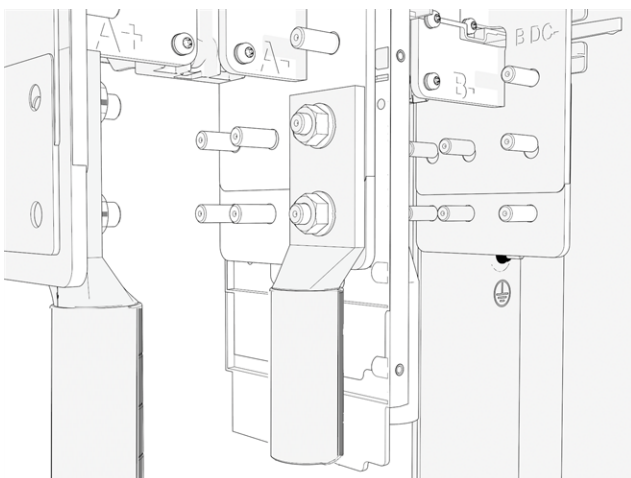
1. Power off the charging station at the site electrical panel.
2. Determine if the Power Link 1000 has preassembled covers or unassembled components, remove them as necessary.
3. Open the upper and lower door.
4. Remove upper bus bar safety cover.
5. Open the power plate cover.
 - a. Release the tabs on the cover.



-
- b. Lift up from the bottom until it locks in the open position.



6. Remove the M10 nuts (use 17 mm socket) on each lug to uninstall the DC conductor lugs.



AFTER INSTALLING, REVERSE THE ABOVE STEPS TO COMPLETE THE SERVICE.

IMPORTANT:

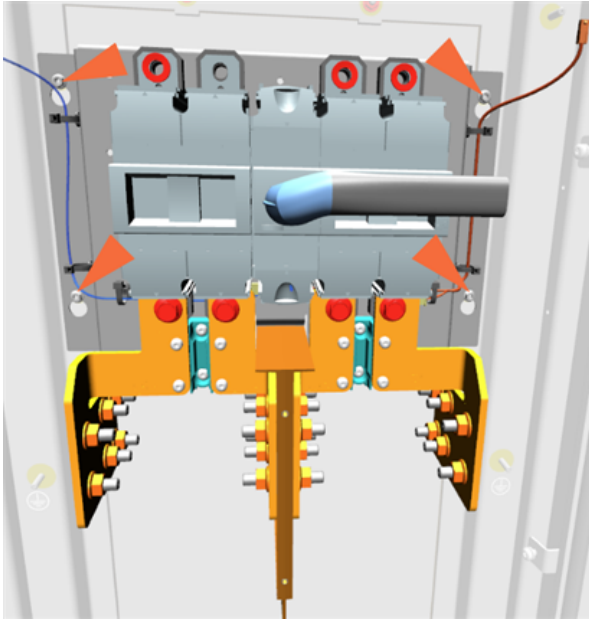


- Complete the post-service checklist.
- Contact ChargePoint regarding faulty part return.

Install Maintenance Switch

To install the maintenance switch, complete the following steps:

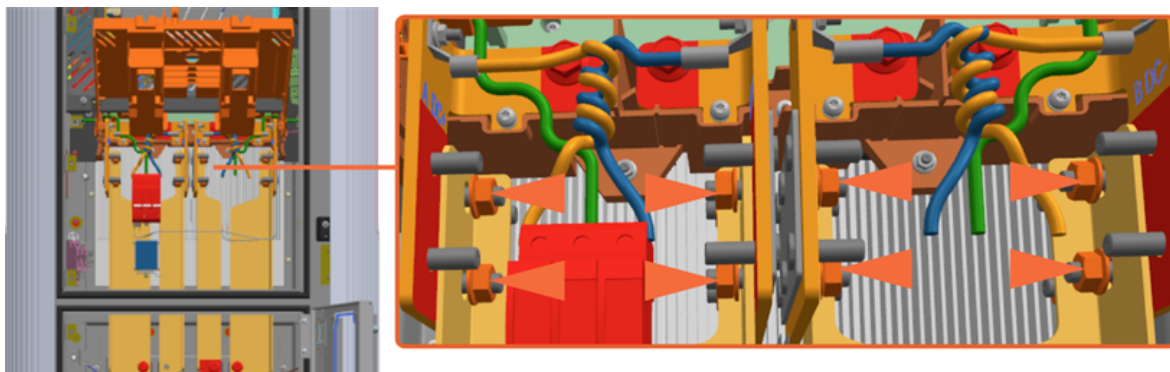
1. To install the maintenance switch assembly:
 - a. Partially install the M5 nuts (x4) (use 8 mm socket) onto the four studs on the frame.



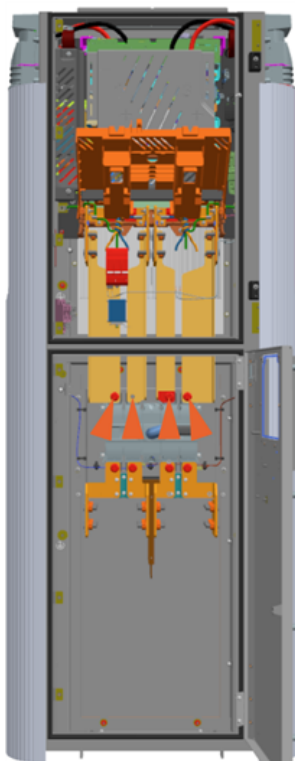
- b. Hook the four keyholes on the switch assembly backplate onto the four studs on the frame and torque the M5 nuts to 4.5 Nm (40 in-lb).

2. To install the extruded bus bars:

- a. Install the extruded bus bars and M10 nuts onto the bus bar studs in the upper cabinet.

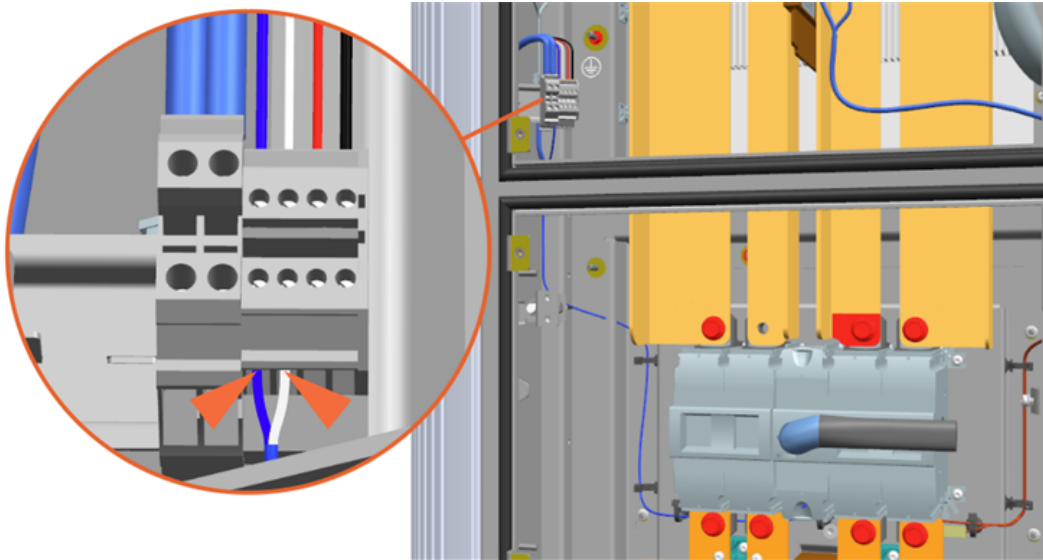


- b. Install the M10 bolts (use 17 mm socket) on the lower side extruded bus bars.

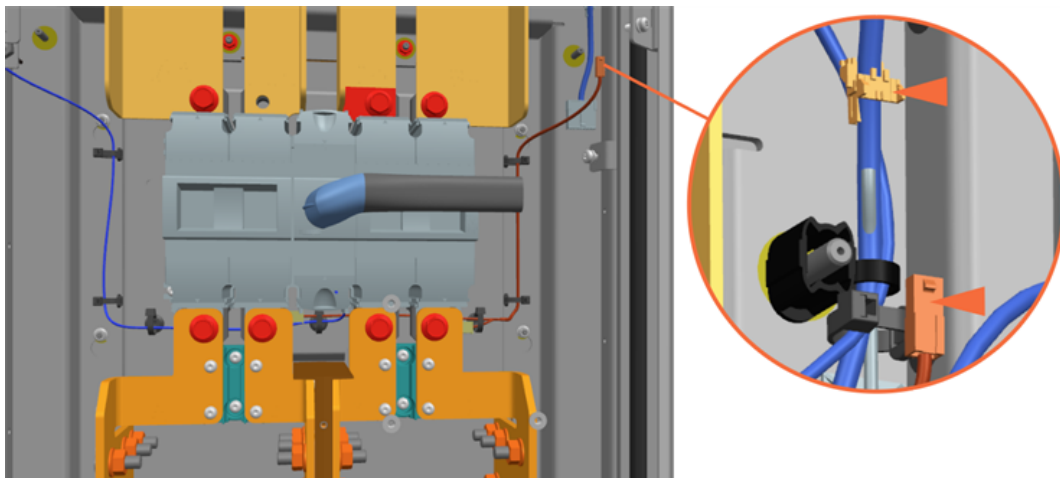


IMPORTANT: Torque all M10 fasteners to 19 Nm (168 in-lb) and mark them using a torque paint pen.

3. To connect the auxiliary contact and lug landing thermal switch wires:
 - a. Loosen the two screws on the low voltage terminal block and install the auxiliary contact wires (blue and white) at lower side of the terminal block. Tighten the screws with flat head screwdriver.



- b. Connect the lug landing thermal switch wire to its mating plug at the right side.



REVERSE THE ABOVE STEPS TO REMOVE THE MAINTENANCE SWITCH.

Standard Cable Management Kit 19 (CMK)

This topic provides information on servicing and replacing the standard Cable Management kit.

Bring These Tools and Materials

Installing or replacing the CMK requires at least two people.



T25 Security screwdriver



T20 Torx screwdriver



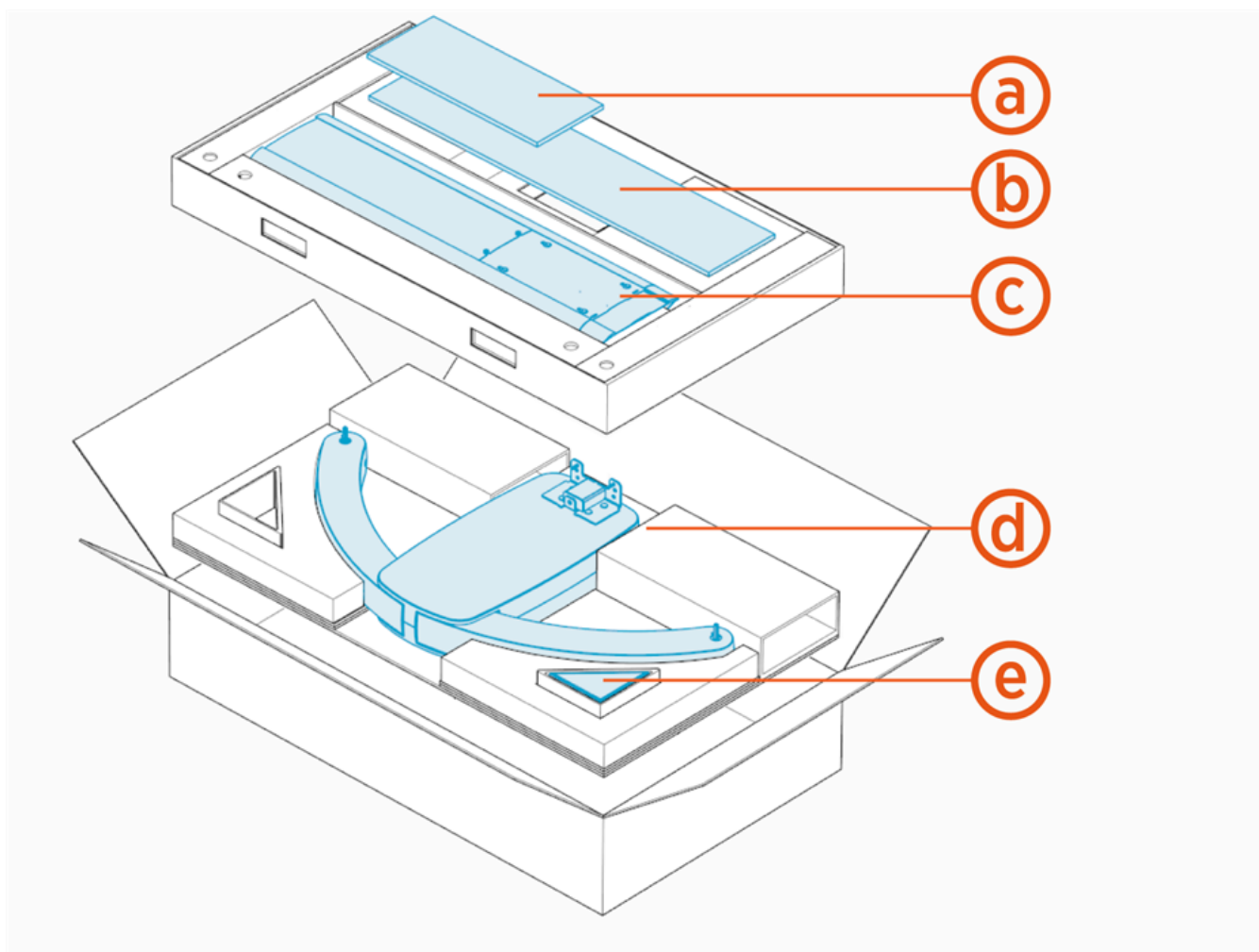
Stepladder



Box cutter

Kit Components

This kit is for a first time install of a standard CMK or replacement of a failed CMK.



- (a) Front cover
- (b) Rear cover
- (c) Mast
- (d) Single or dual swingarm assembly
- (e) M6 Torx screws (x9)

Before You Begin

1. End all charging sessions and activity for the station.
2. Release charging cables from the CMK and set them safely out of the way.



WARNING: Keep your work area clear to prevent a trip and fall.

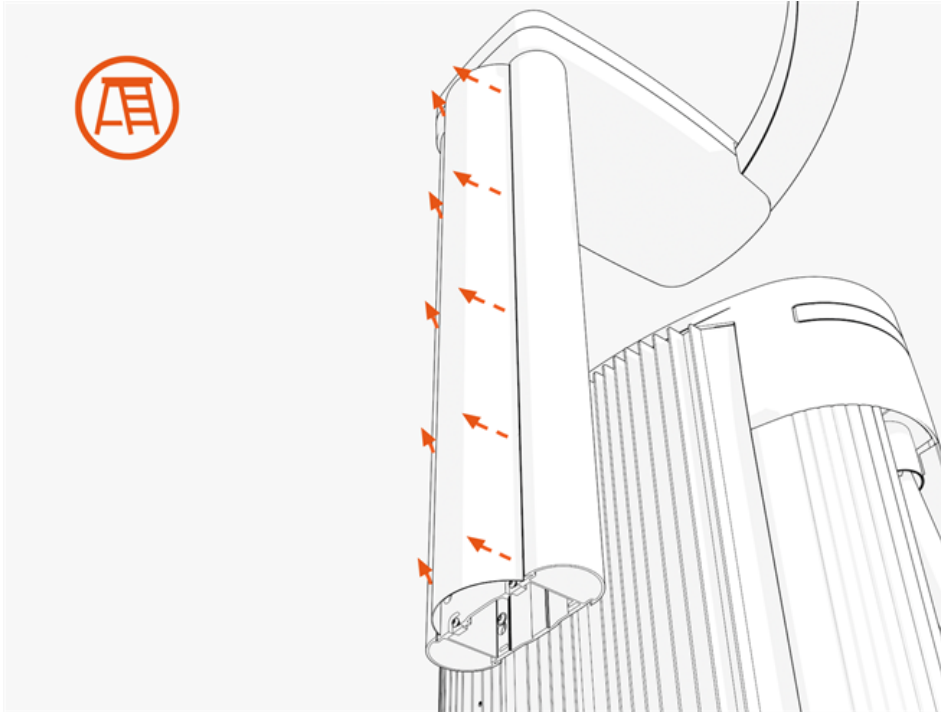
Remove CMK

To remove the Cable Management kit, complete the following steps:

Remove CMK Covers

If you are not changing the CMK covers, set them aside to reinstall on the replacement.

1. Bend the rear CMK cover on the long axis. Slide the edges out of the grooves in the mast.

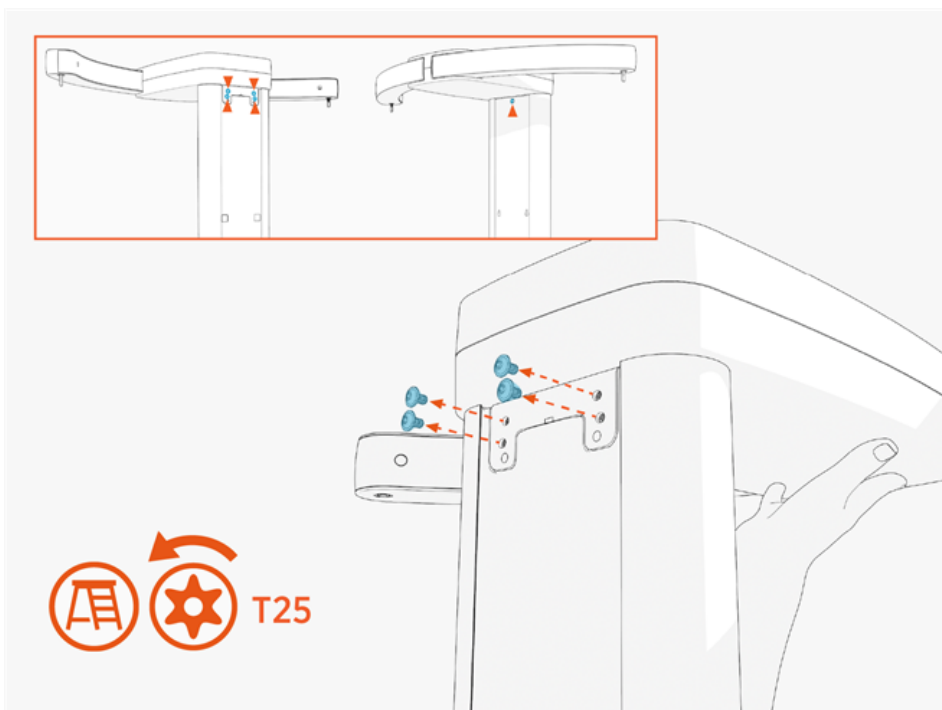


2. Repeat to remove the front CMK cover.

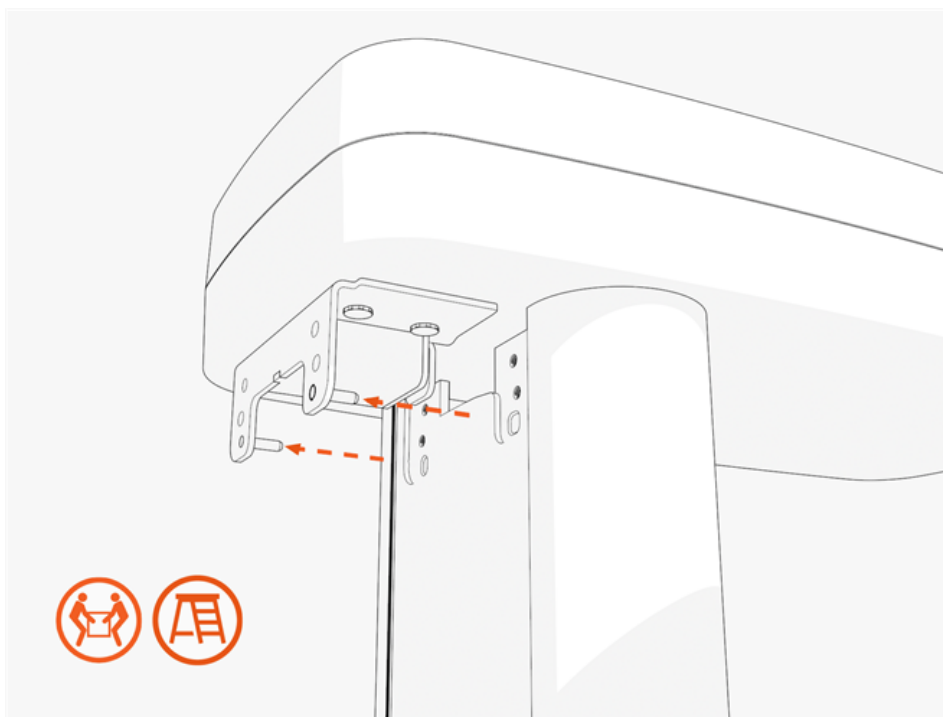
Remove Swingarm Assembly

To remove the swingarm assembly, complete the following steps:

1. At the top of the CMK, remove swingarm attachment screws (x4 at rear and x1 at front). Support the attachment during this step.



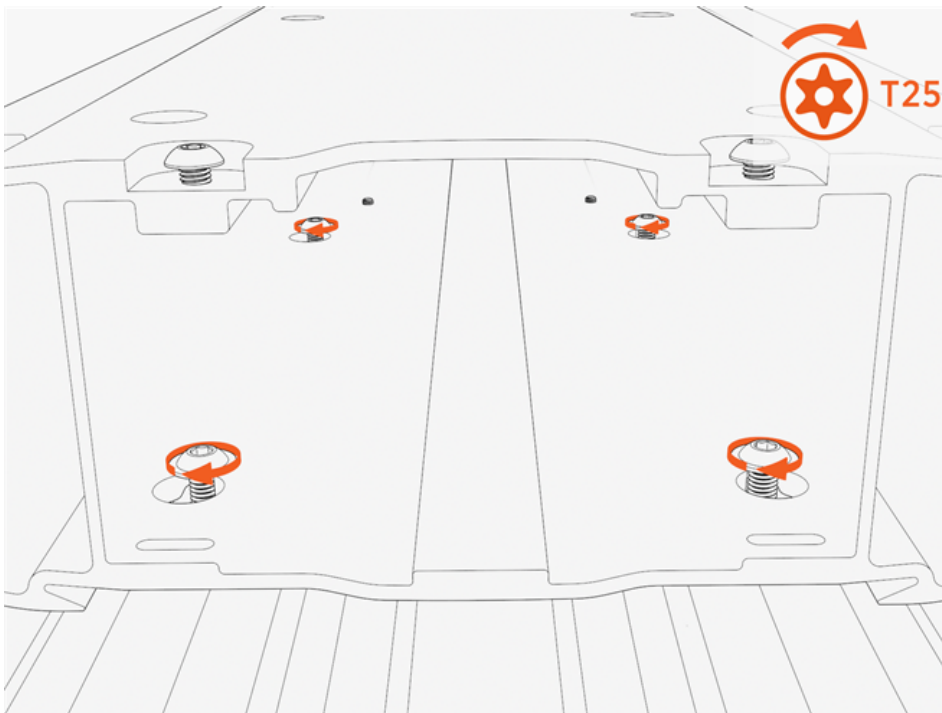
2. Remove the swingarm assembly.



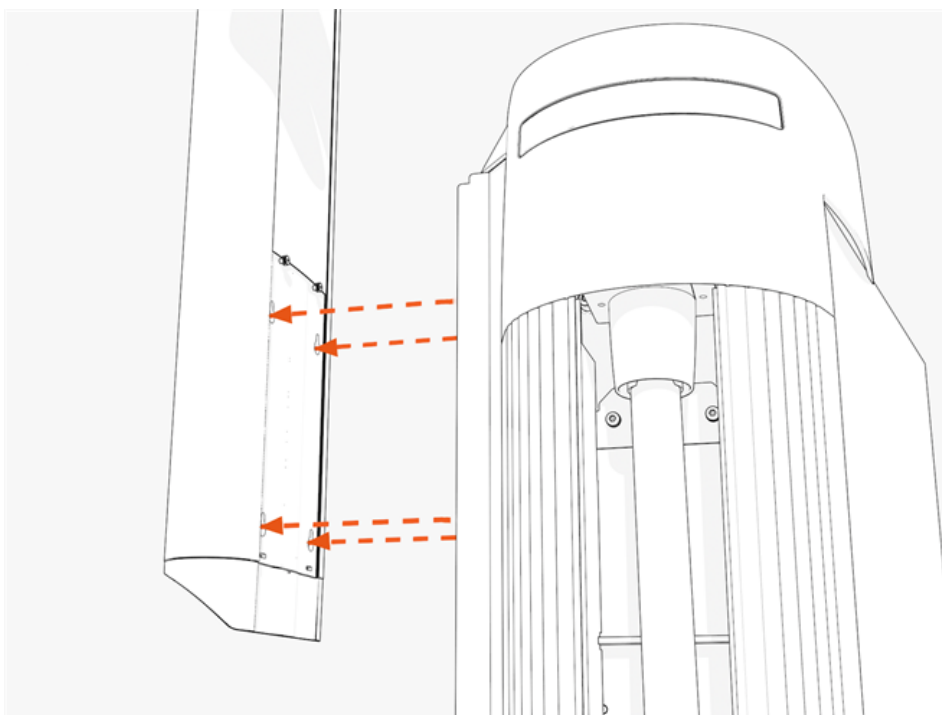
Remove Mast

To remove the mast, complete the following steps:

1. Loosen the M6 screws (x4) at the back of the mast.



2. Slide the mast up to disengage the keyholes. Remove the mast.



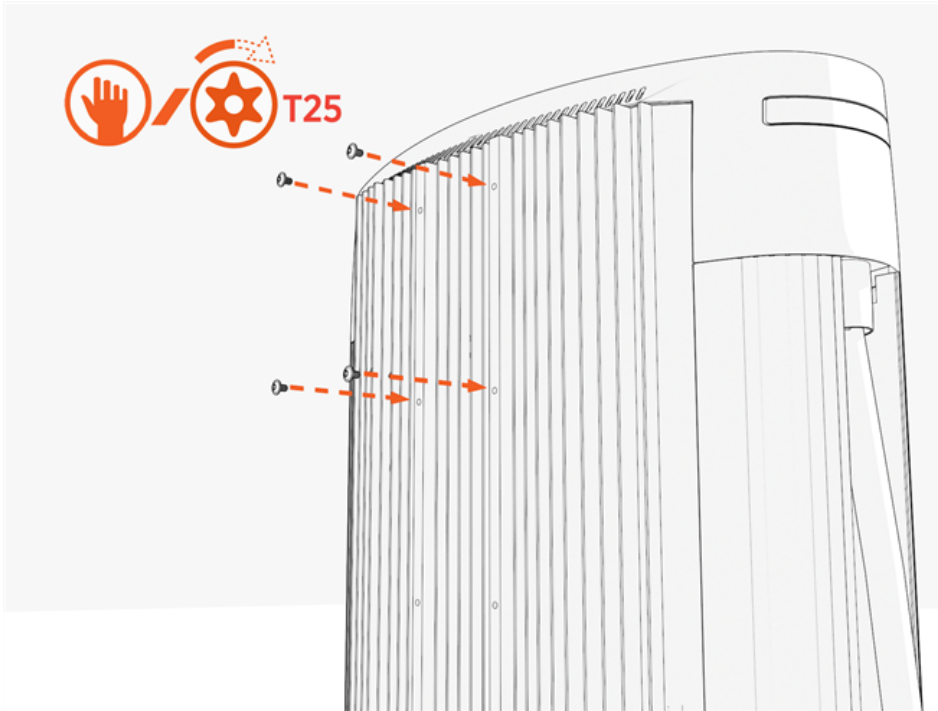
Install Replacement CMK

To install the replacement Cable Management kit, complete the following steps:

Install Mast

To install the mast, complete the following steps:

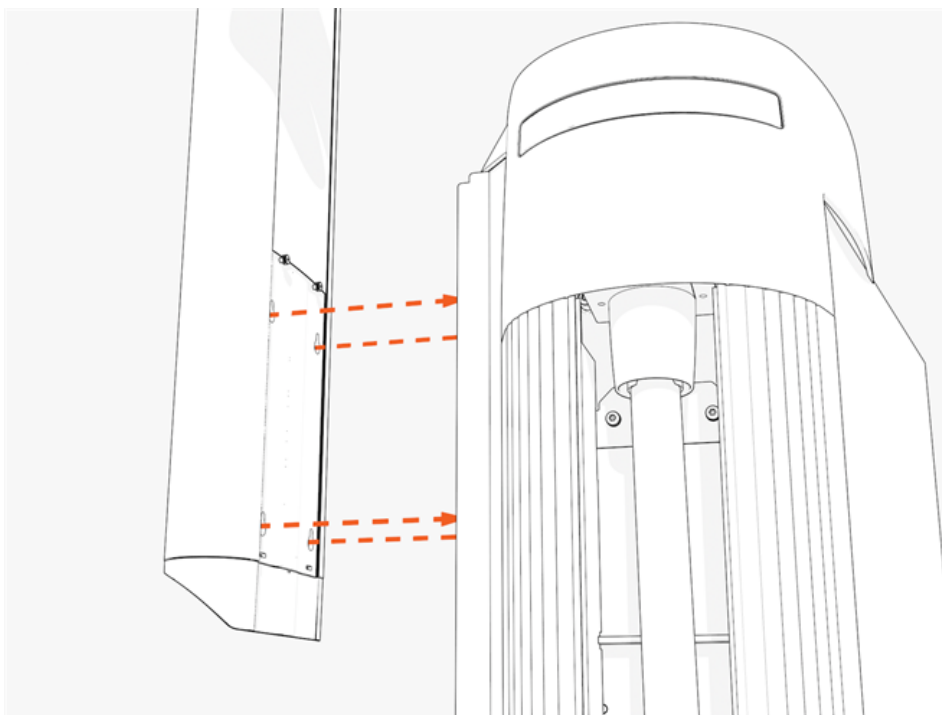
1. Partially install screws into four upper holes on the rear exterior of Power Link 1000.



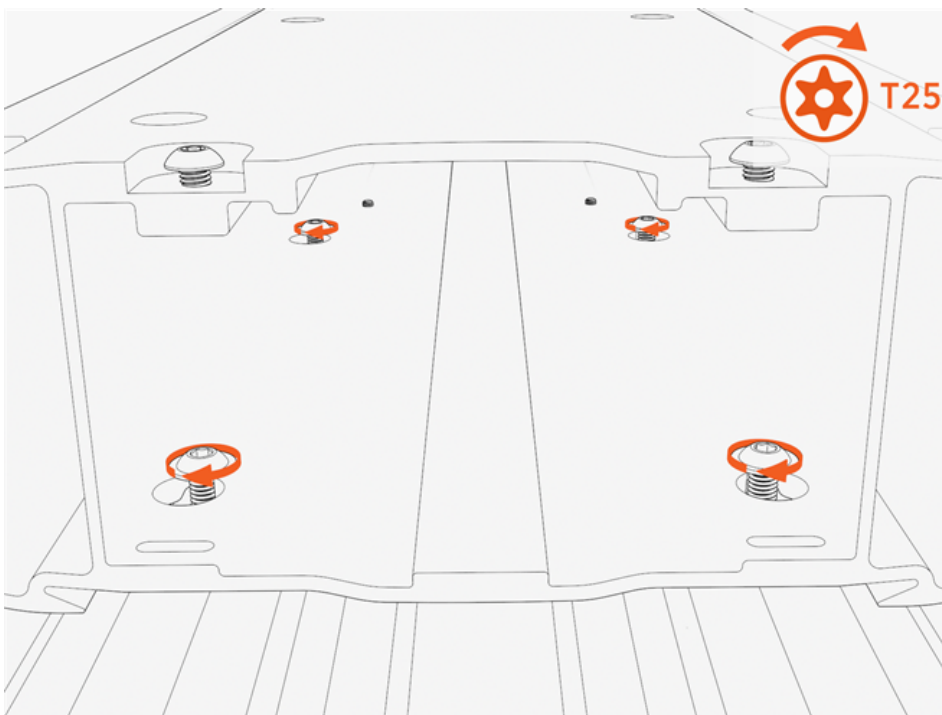
2. Hang the mast using the middle and lower keyholes.

Final install height of the CMK should be 2413 mm (7 ft 11 in).

Note: The CMK can be lowered 203 mm (8 in) by using the upper and middle keyholes to allow for installations with low overhead clearance.



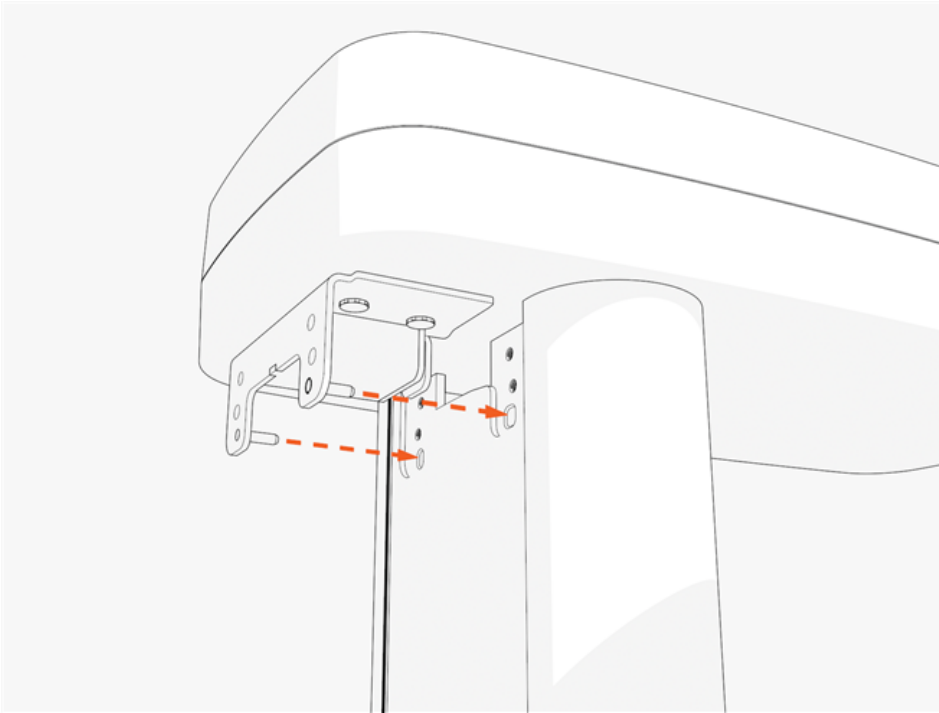
3. Torque screws (x4) to 5.6 Nm (50 in-lb).



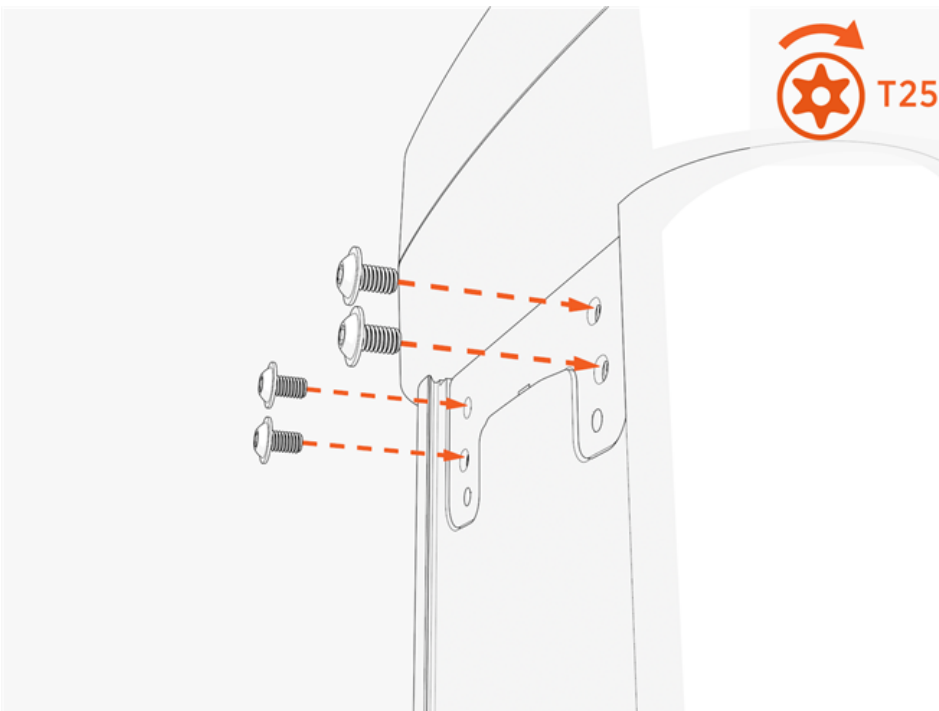
Install Swingarm Assembly

To install the swingarm assembly, complete the following steps:

1. Insert two alignment pins into the bottom center of the swingarm attachment. Position the pins into the top of the mast.



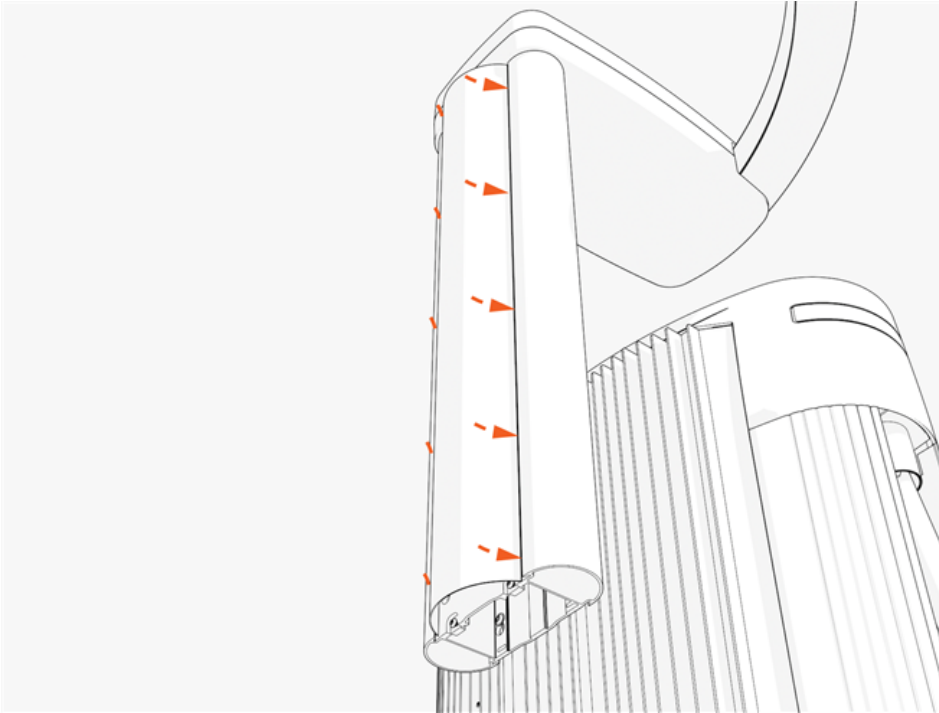
2. Torque screws (x4 at rear and x1 at front) to 5.6 Nm (50 in-lb) .



Install Covers

To install the covers, complete the following steps:

1. Install the CMK covers onto the rear of the mast. Bend the cover on the long axis. Slip the edges into the grooves in the mast.



2. Repeat to install covers onto the front of the mast.

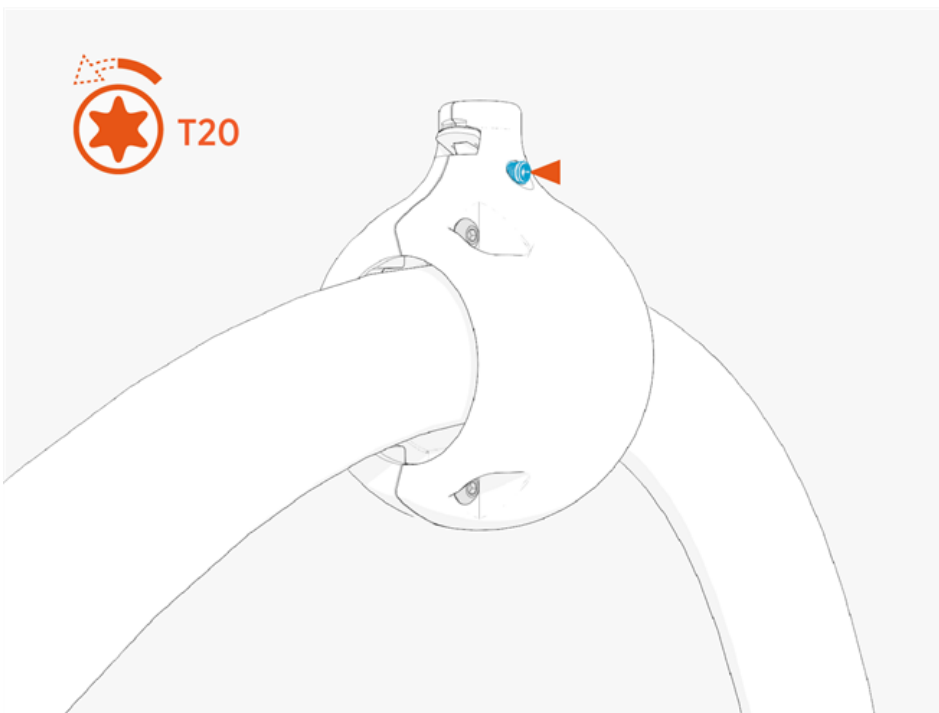
Hang the Charging Cable

To the hang the charging cable, , complete the following steps:

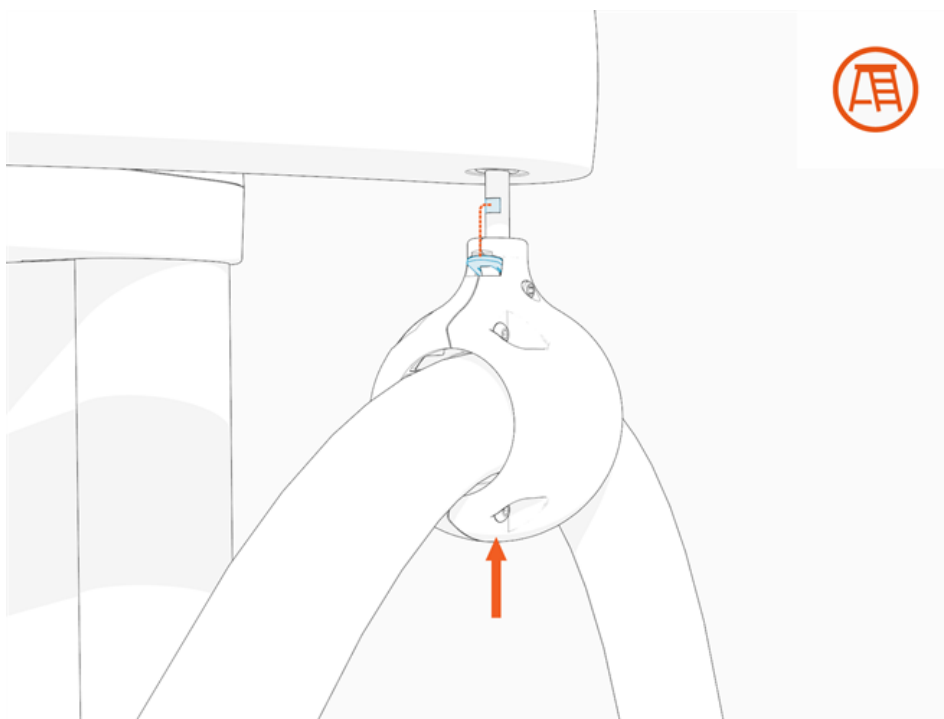
1. Position the stepladder so that you can reach the hanging point.



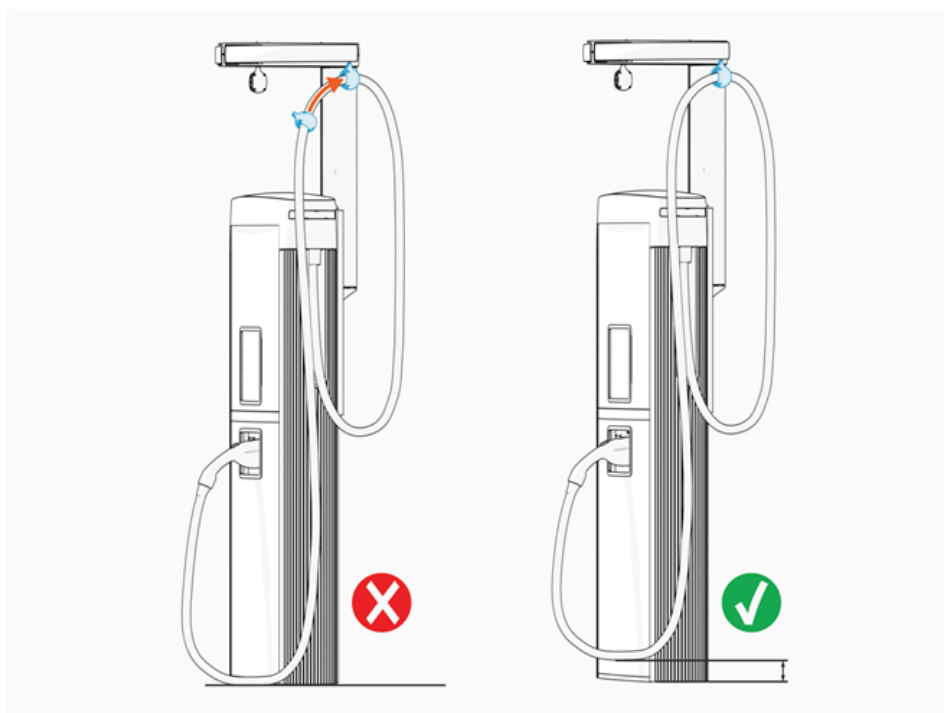
2. Ensure the screw (if present) on the charging cable tetherball is loose.



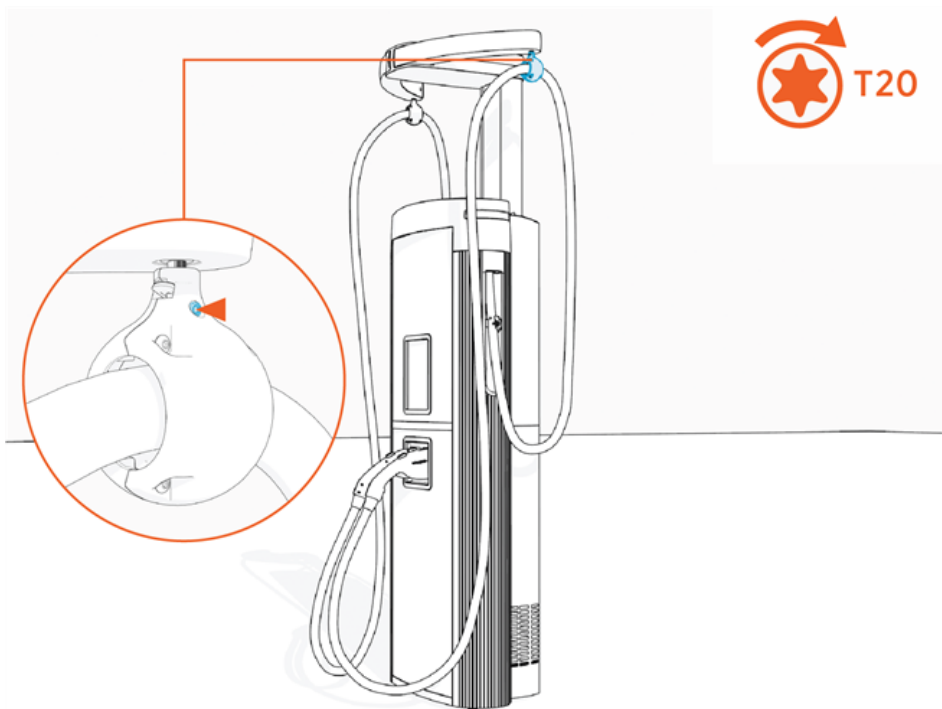
3. Align the spring with flat notch on the tether pin and gently push the tetherball onto the pin to hang the cable.



4. If necessary, slide the tetherball to a position on the cable such that the cable doesn't touch the ground when installed onto the CMK tether pin.



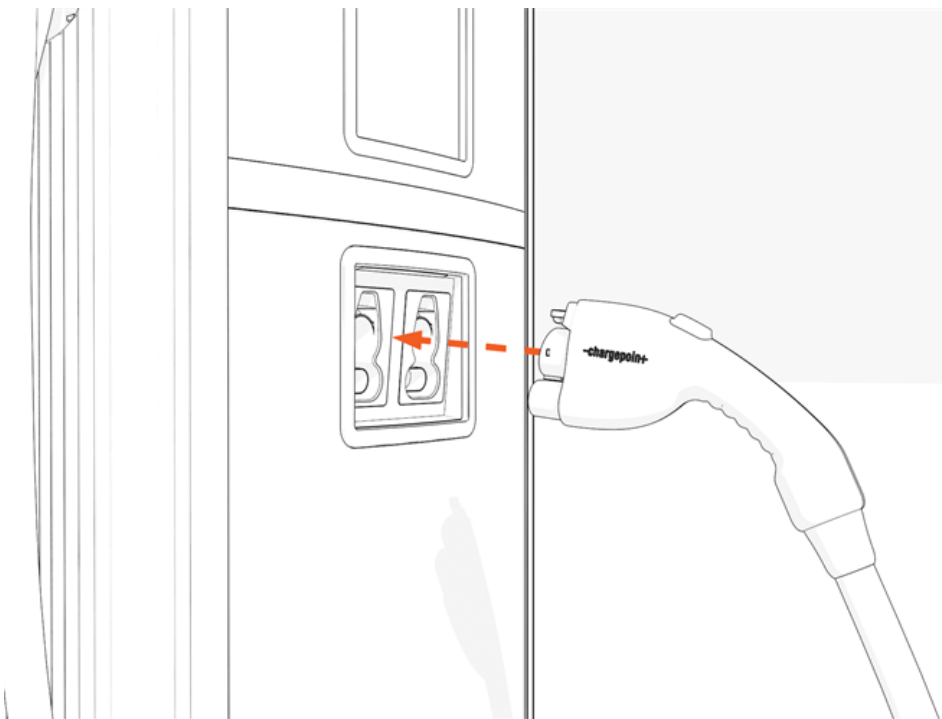
-
5. Torque the screw to 2.8 Nm (25 in-lb)



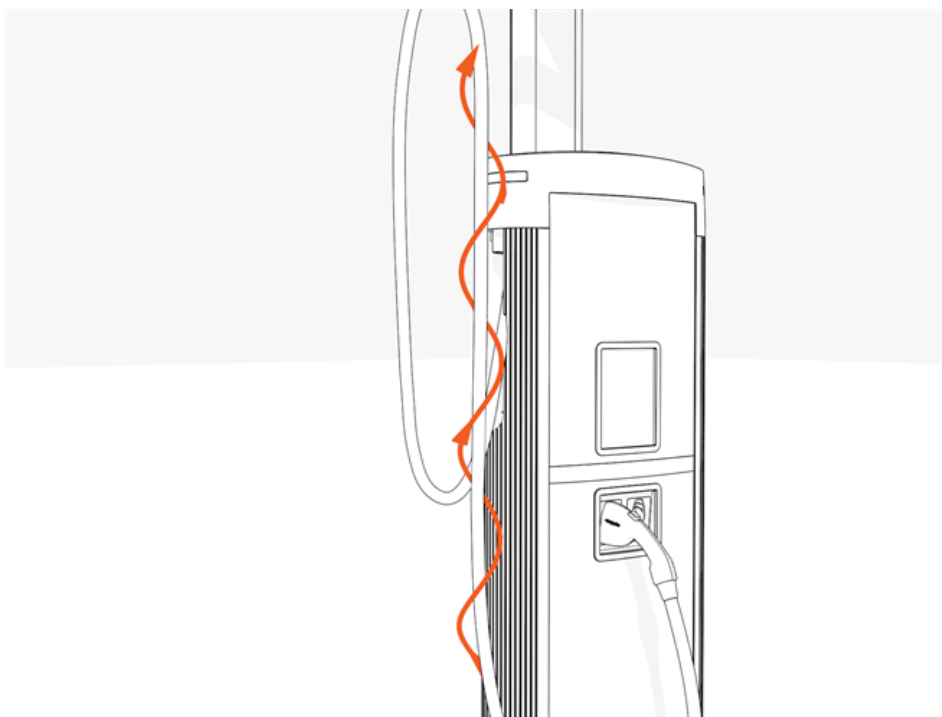
Complete Service

To complete the service, complete the following steps:

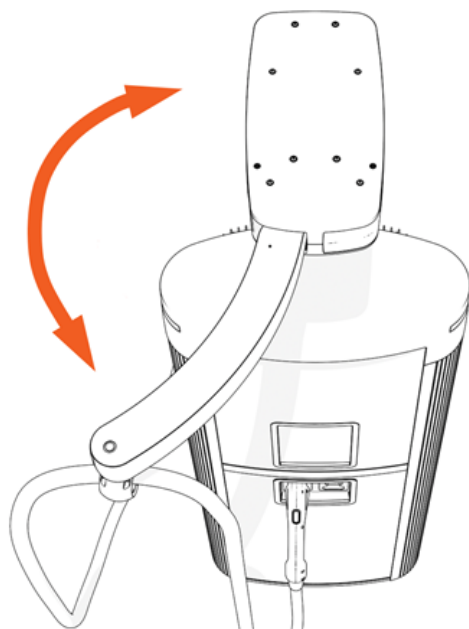
1. Place each charging cable in the holster.



2. Untangle any twists.



-
3. Check that the charging cables and swingarms operate smoothly by fully extending and retracting.



4. If you find limited motion or retraction, contact ChargePoint at chargepoint.com/support.



IMPORTANT:

- Complete the [post-service checklist](#).
 - [Contact ChargePoint](#) regarding faulty part return.
-

Tall Cable Management Kit 20 (CMK)

This topic provides information on servicing and replacing a Tall Cable Management Kit (CMK).

Bring These Tools and Materials

Installing or replacing the CMK requires at least two people.



T25 Security screwdriver



6 mm hex wrench



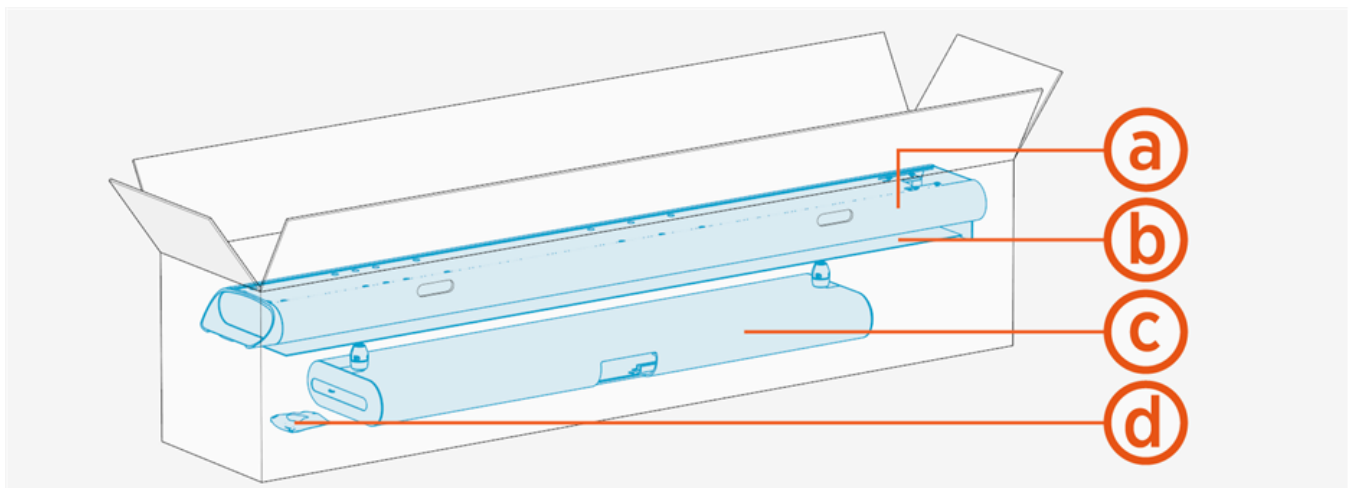
Stepladder (x2)



Box cutter

Kit Components

This kit is for a first time install of a tall CMK or replacement of a failed CMK.



(a) M6 Torx screws (x8) and M10 hex screws (x4)

(b) Single or dual tall CMK assembly

(c) Front and rear covers

(d) Mast

Before You Begin

1. End all charging sessions and activity for the station.
2. Release charging cables from the CMK and set them safely out of the way.



WARNING: Keep your work area clear to prevent a trip and fall.

Remove CMK

To remove the Tall Cable Management Kit (CMK), complete the following steps:

To remove CMK covers, see [Remove CMK Covers](#)

Remove Tall CMK Assembly

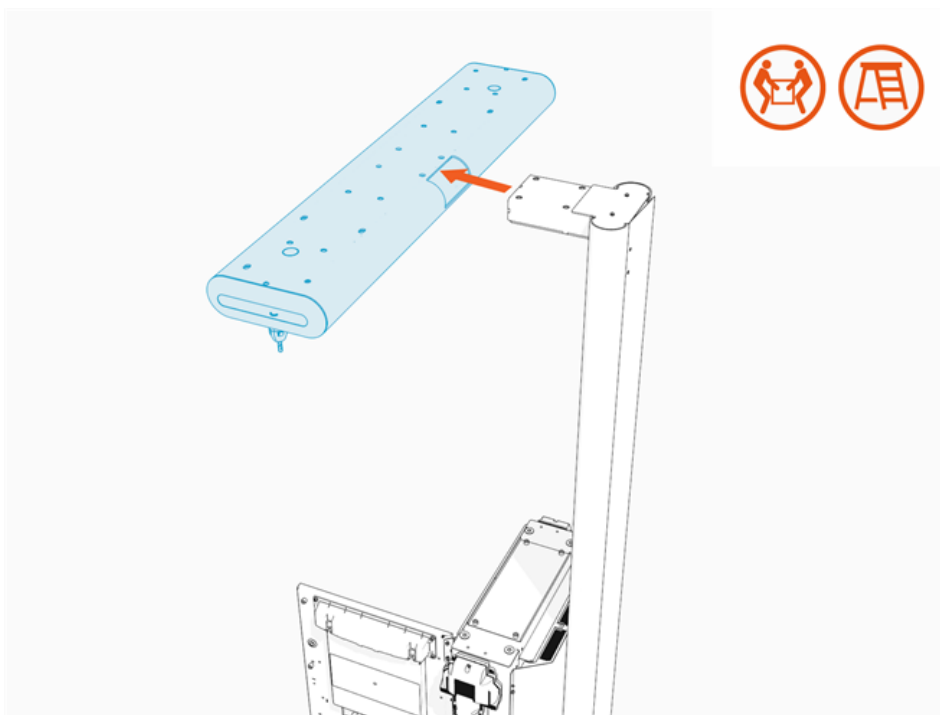
To remove Tall CMK assembly, complete the following steps:

1. Remove the screws (x4),



Reinstall Note: Torque these screws to 13.5 Nm (120 in-lb).

-
2. Remove the tall CMK assembly from the mast.



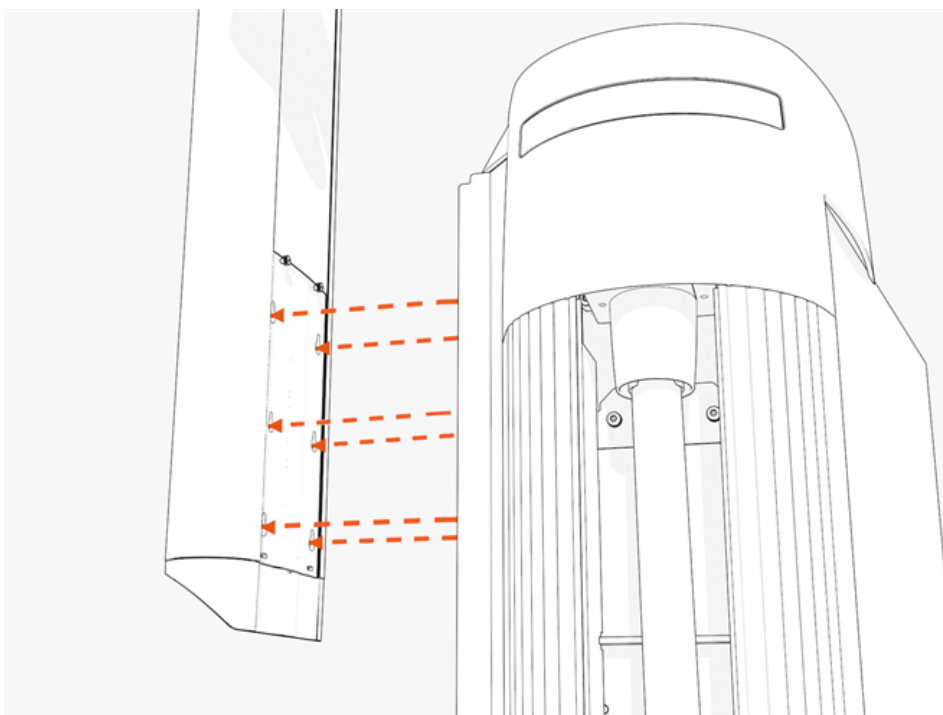
Remove Mast

To remove the mast, complete the following steps:

1. Loosen (do not remove) screws (x6) through the screw holes at the back of the mast.



2. Slide the mast up to disengage the keyholes. Remove the mast.



Install Replacement CMK

To install the replacement CMK, complete the following steps:

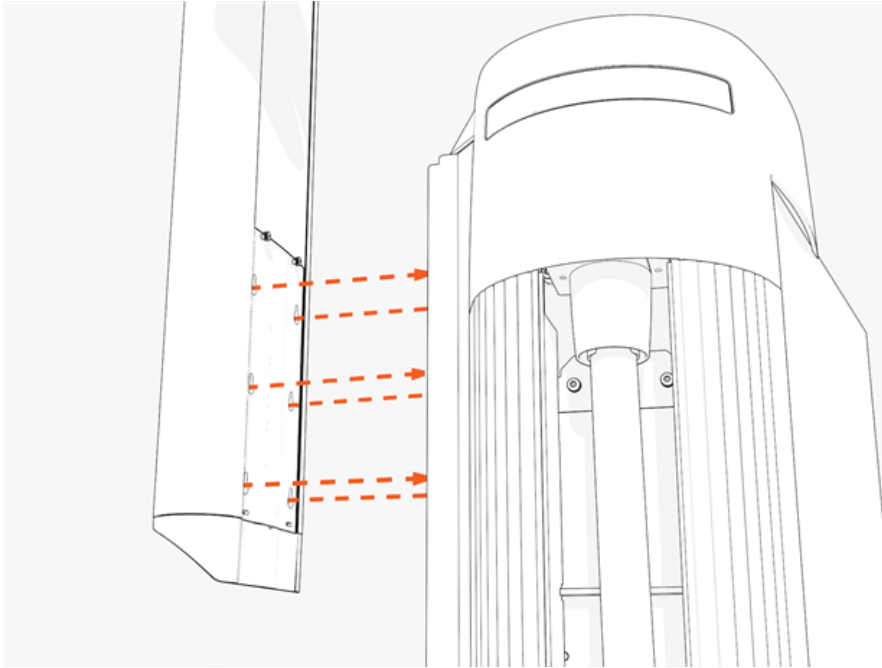
Depending on the space or clearance available above the Power Link 1000, such as in a parking garage, you can install the CMK at the following heights:

- Maximum: 3 m (10 ft)
- Minimum: 2.41 m (7 ft 11 in)

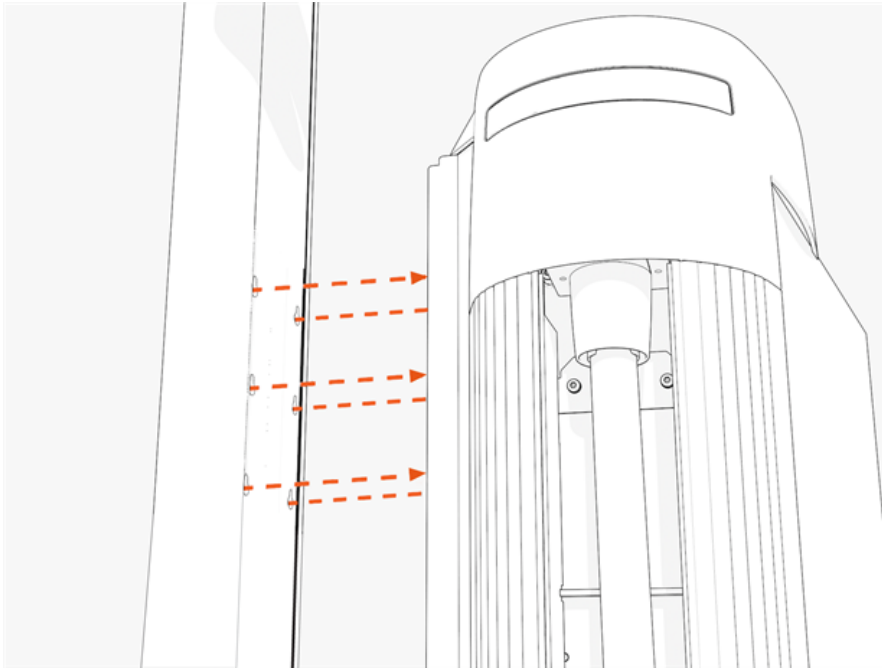
Install Mast

To install the mast, complete the following steps:

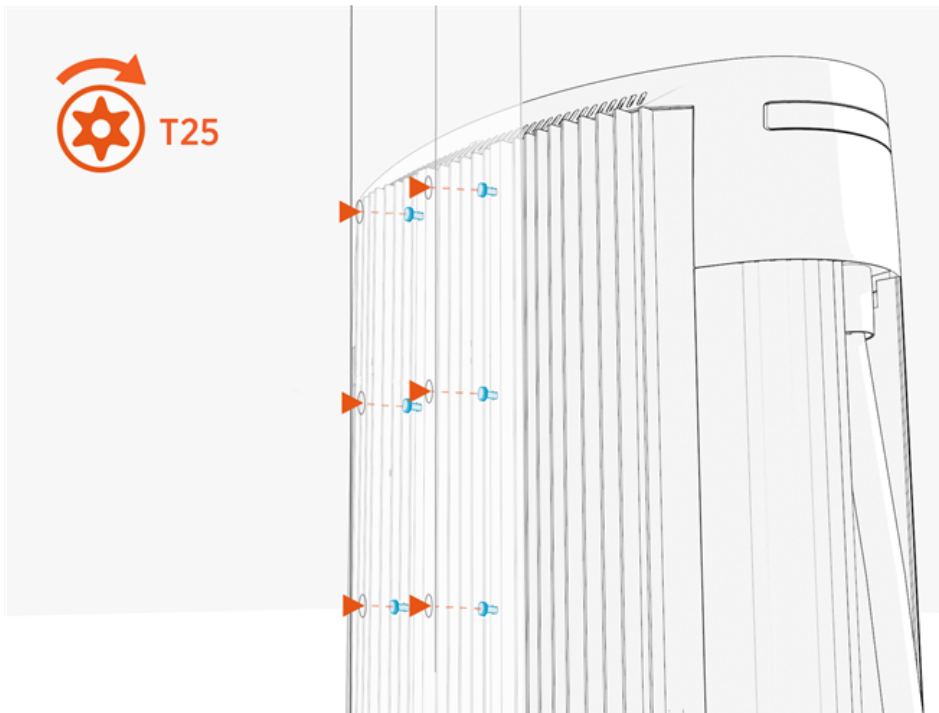
1. Hang the mast onto the screws.
 - To install CMK at maximum height, use keyholes located at bottom of mast.



- To install CMK at minimum height, use keyholes located higher up on the mast.



2. Torque screws (x6) to 5.6 Nm (50 in-lb) through the screw holes at the back of the mast.



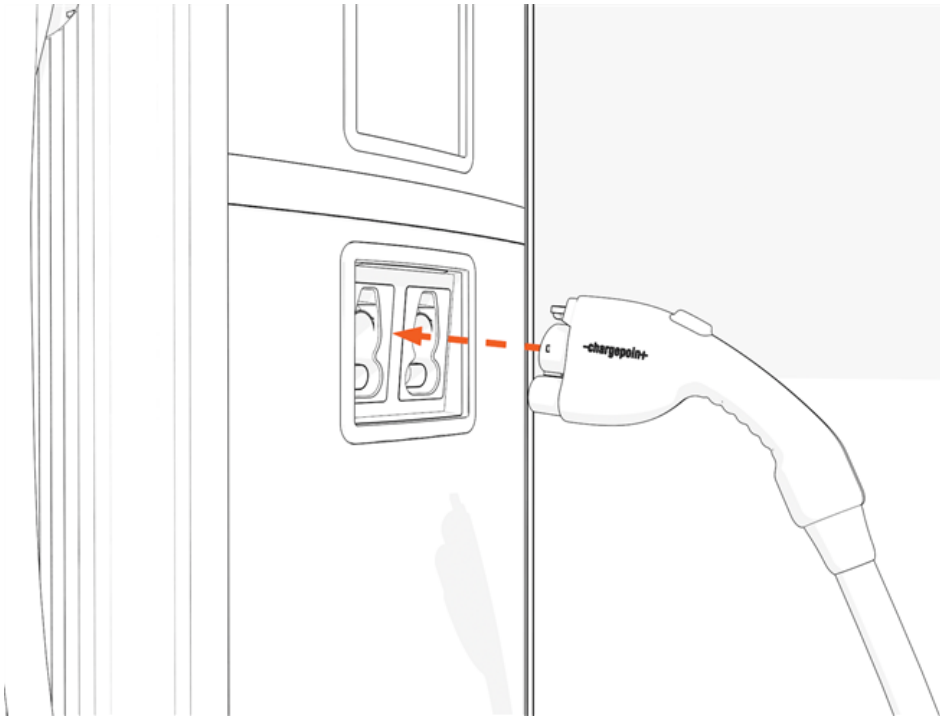
To install Tall CMK assembly, see [Remove Tall CMK Assembly](#) and reverse the steps to reinstall.

To install sign covers, see [Install Covers](#).

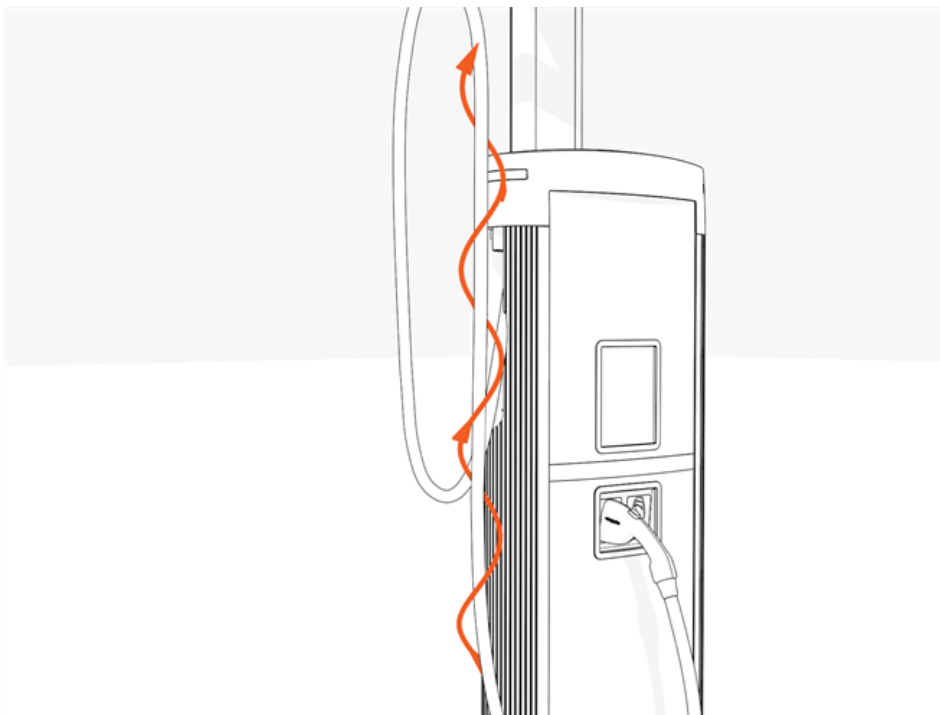
Complete Service

To complete service, complete the following steps:

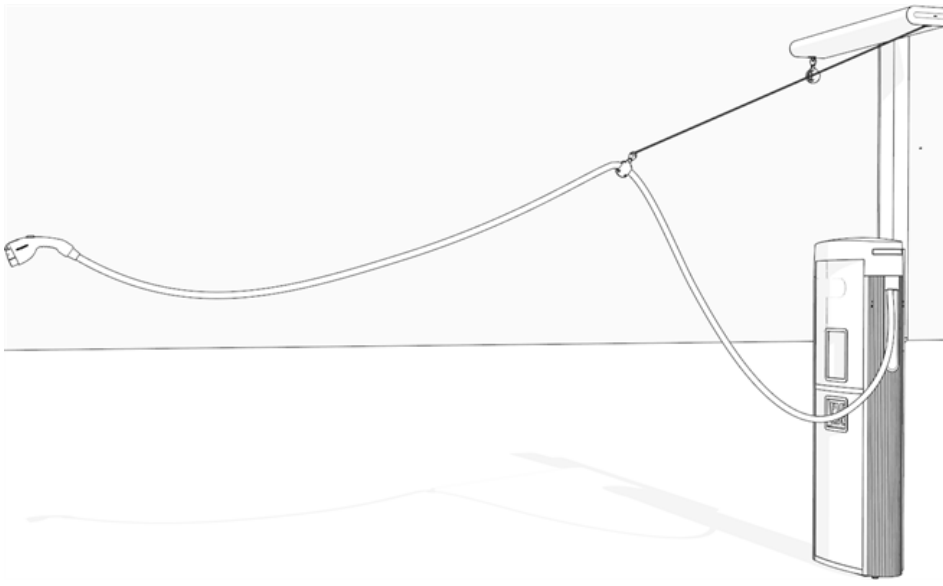
1. Place each charging cable in the holster.



2. Untangle any twists.



-
3. Check that the charging cables and tool balancers operate smoothly by fully extending and retracting.



4. If you find limited motion or retraction, contact ChargePoint at chargepoint.com/support.



IMPORTANT:

- Complete the post-service checklist.
 - Contact ChargePoint regarding faulty part return.
-

Tool Balancer Cassette 21

This topic provides information on replacing the tool balancer cassette.

Bring These Tools and Materials



T25 Security screwdriver



Torx screwdrivers (T20, T30)



5 mm hex wrench

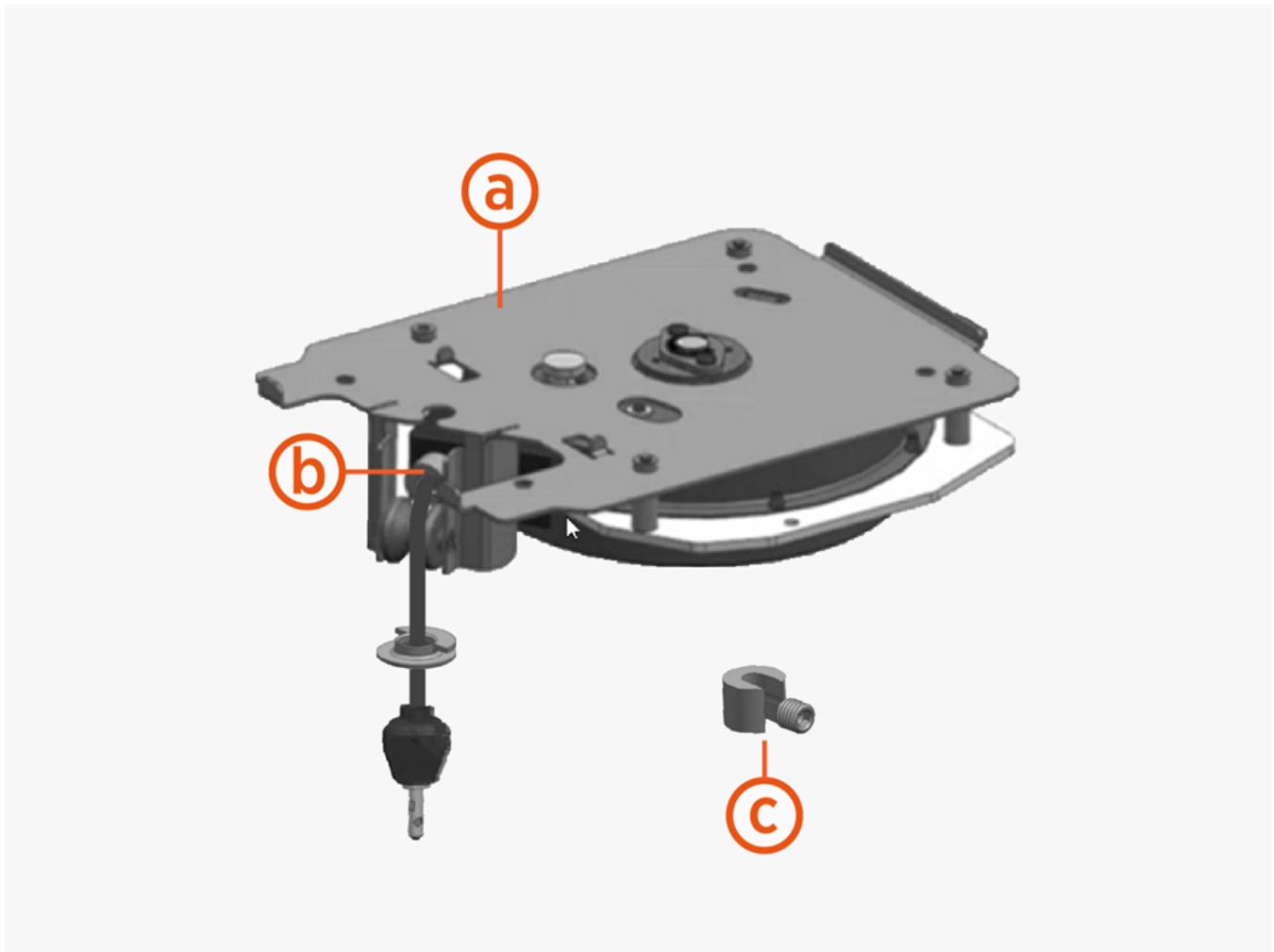


Stepladder



Marker

Kit Components



- (a) Tool balancer cassette assembly
- (b) Cable stop (preinstalled on tool balancer cassette tether cord)
- (c) Cable stop (loose)

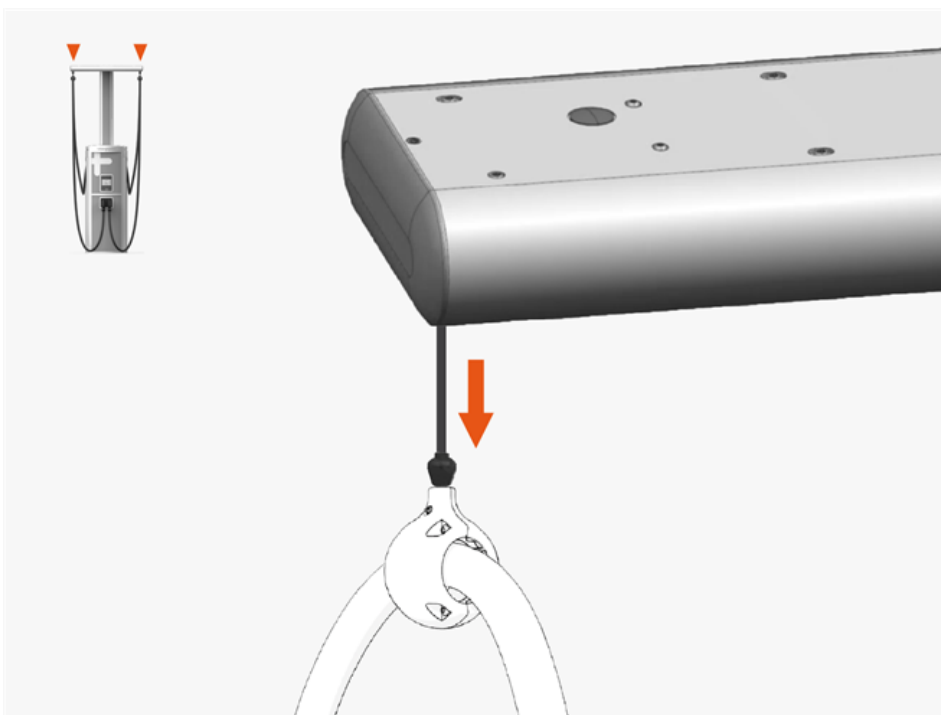
Before You Begin

End all charging sessions and activity for the stations to be serviced.

Replace Tool Balancer Cassette

To replace the tool balancer cassette, complete the following steps:

1. Holding onto the charging cable, use a smooth and steady pull to ratchet out the tether cord. Ratchet out by one click.

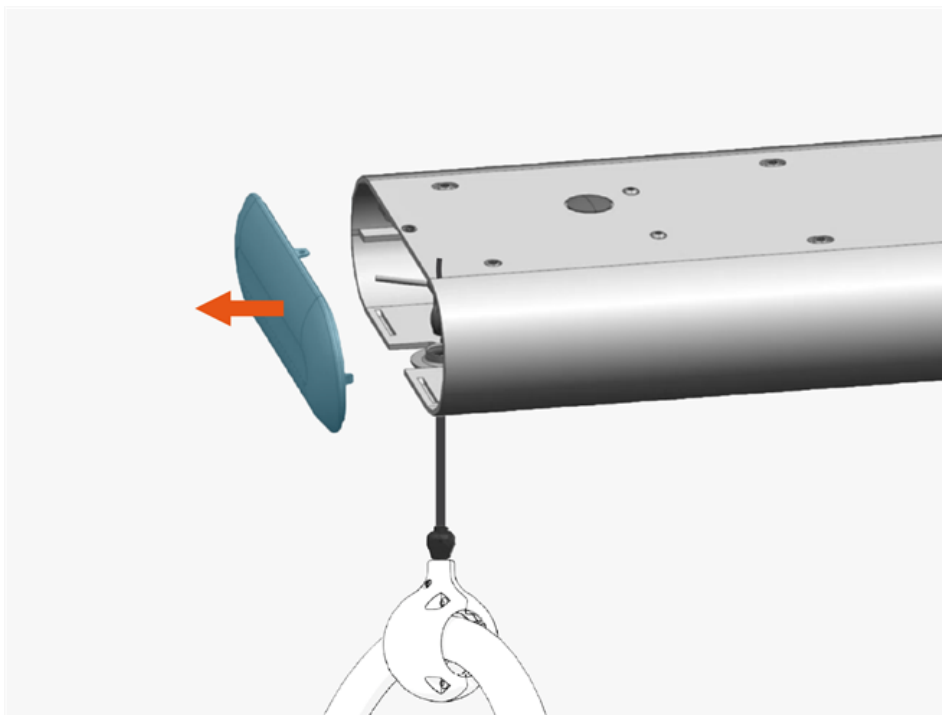


2. Remove M5 screw and washer. Set aside for later reuse.



Reinstall Note: Torque the screw to 4.5 Nm (40 in-lb).

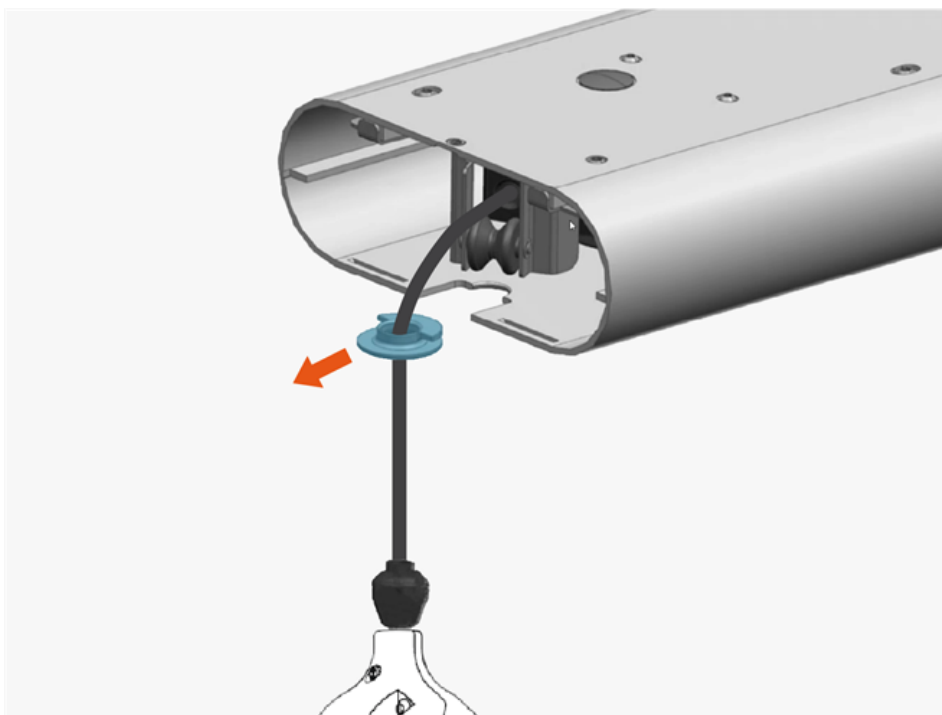
-
3. Remove the end cap.



-
4. If it is present, slide out the grommet.



WARNING: Lift and support the charging cable as needed for this step. Be careful not to cause the tether cord to retract during this step. The retraction force is high.



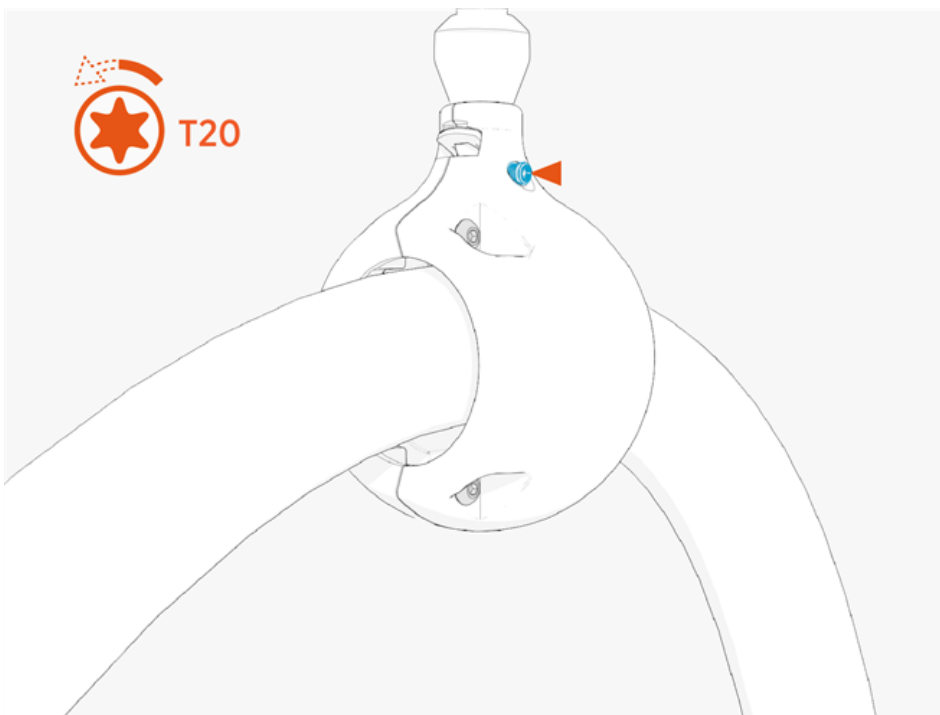
-
5. Fit the cable stop onto the tether cord, positioned above the grommet.



6. Give a short pull to retract the tether cord. Ensure the cord retracts fully so the cord stop rests against the tool balancer cassette.

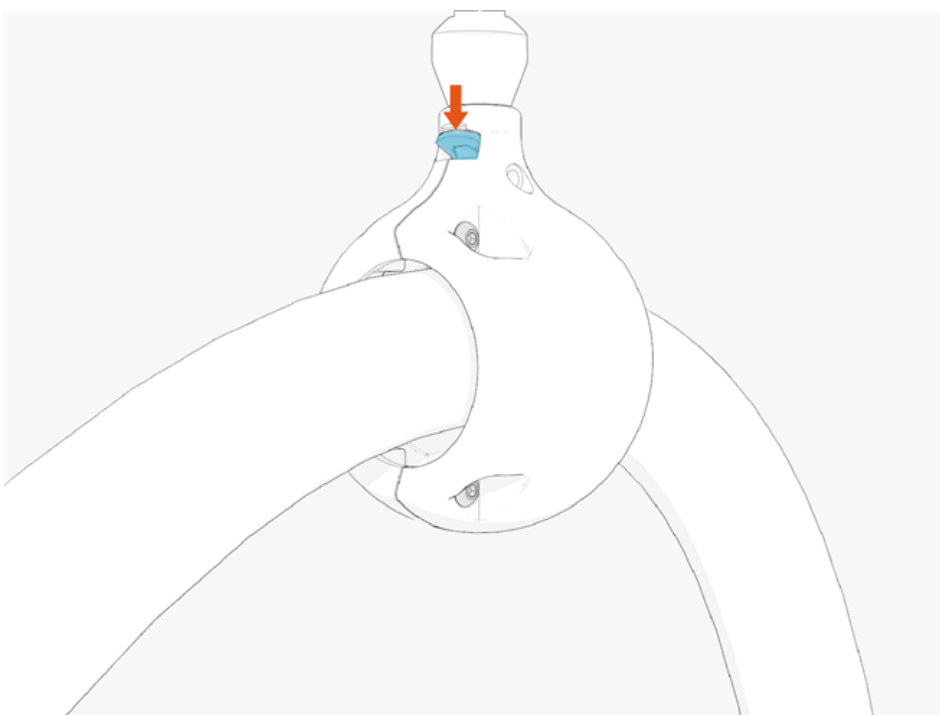


-
7. If present on the tetherball, loosen the set screw.



Reinstall Note: Torque the screw to 2.8 Nm (25 in-lb).

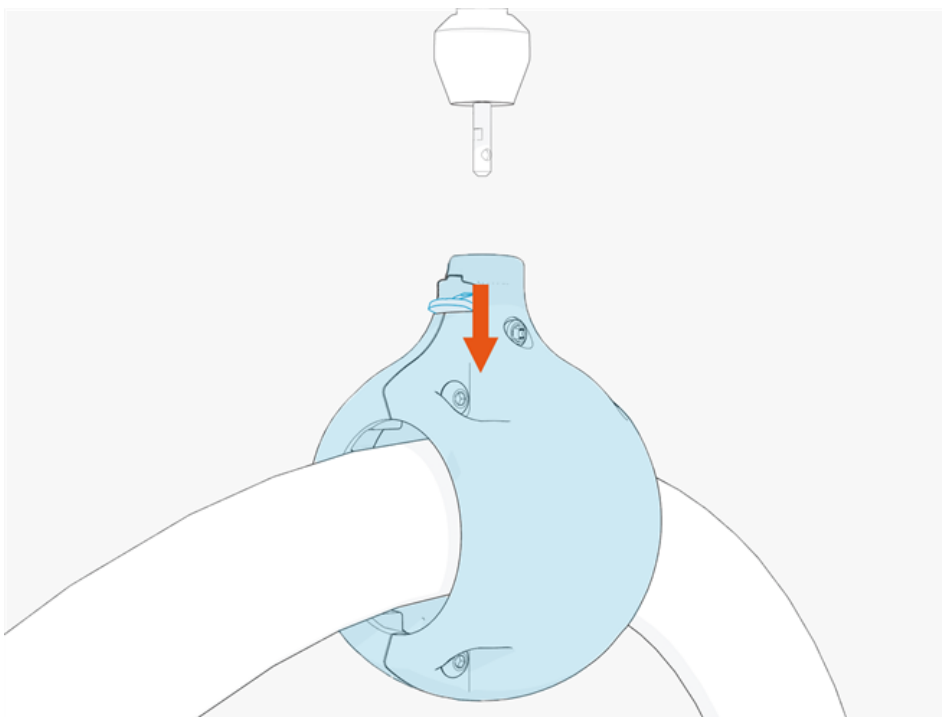
8. While holding the tetherball, push down on the spring tab.



-
9. Keeping the spring tab depressed, remove the tetherball from the tether pin.



IMPORTANT: Set the cable safely out of the way and on a padded surface to prevent scuffing of the cable.

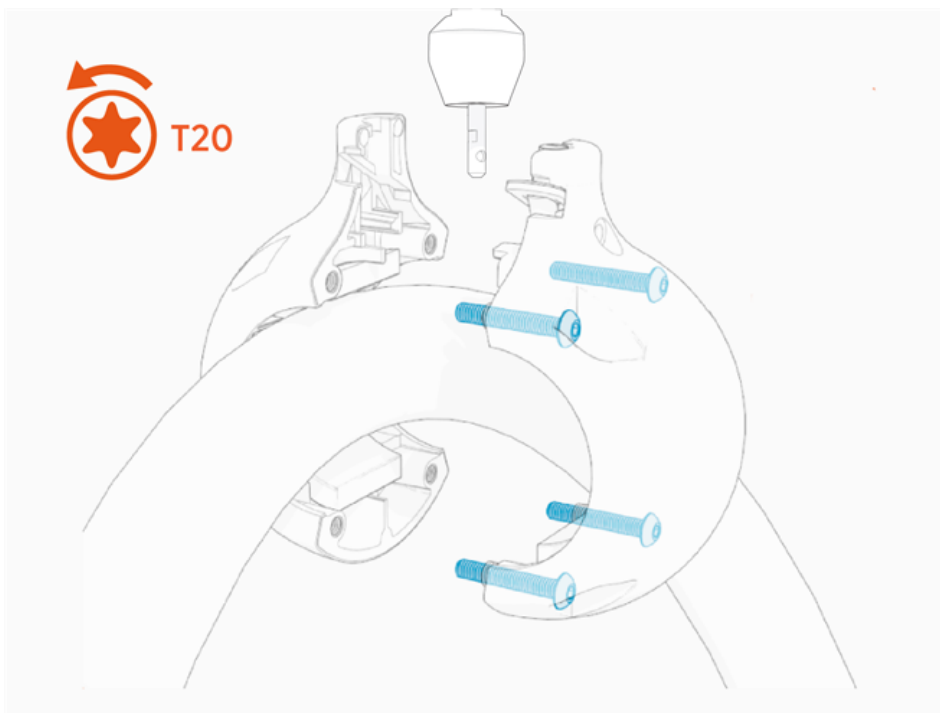


Reinstall Note: Align the spring tab with flat notch on the tether pin and gently push the tetherball onto the tether pin.

-
10. If the tetherball remains stuck on the tether pin, remove screws (x4) to disassemble.

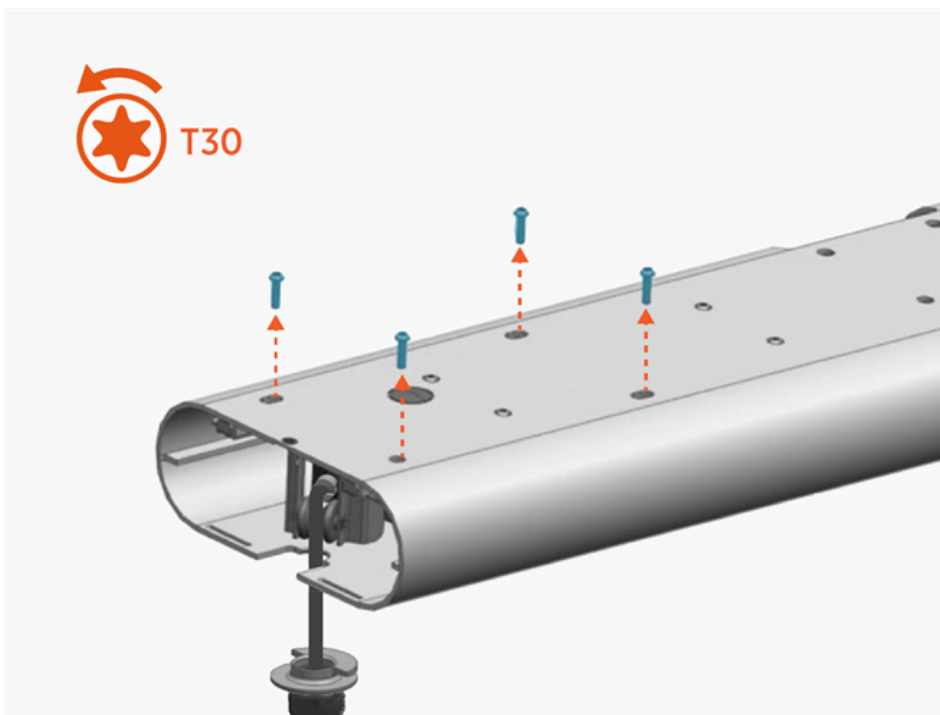


IMPORTANT: Mark the position where the tetherball was installed on the charging cable.



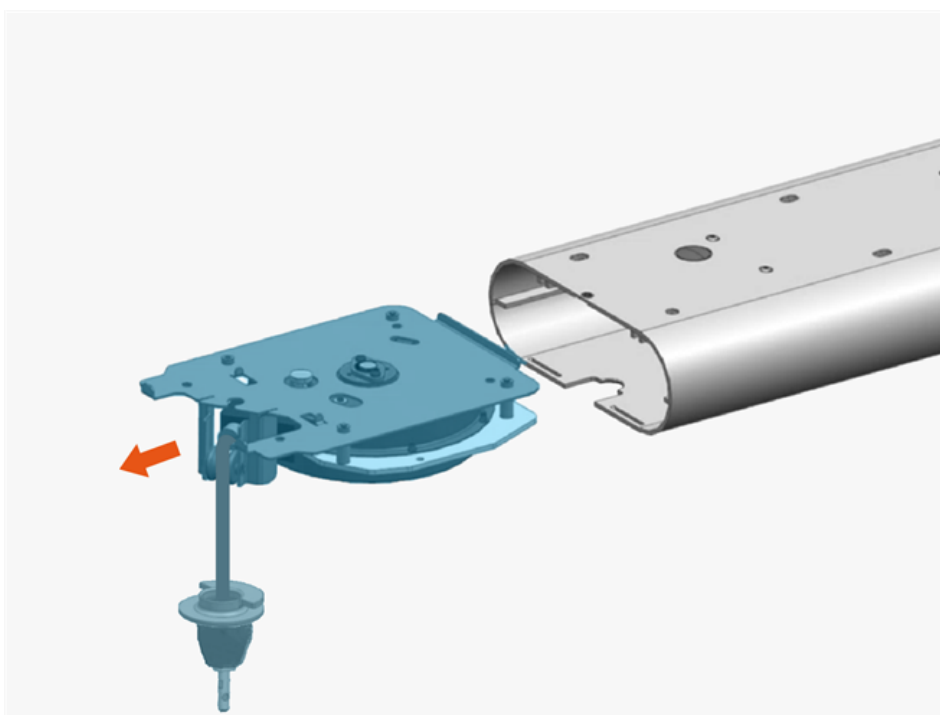
Reinstall Note: First, assemble the tetherball at its original location on the charging cable. Torque screws (x4) to 2.8 Nm (25 in-lb). Then align the spring tab with flat notch on the tether pin and gently push the tetherball onto the pin.

-
11. Remove M6 screws (x4). Set aside for later reuse.



Reinstall Note: Torque the screws to 5.6 Nm (50 in-lb).

12. Slide the tool balancer cassette out.



-
13. Reverse the above steps to reinstall with replacement FRU.
-

IMPORTANT:



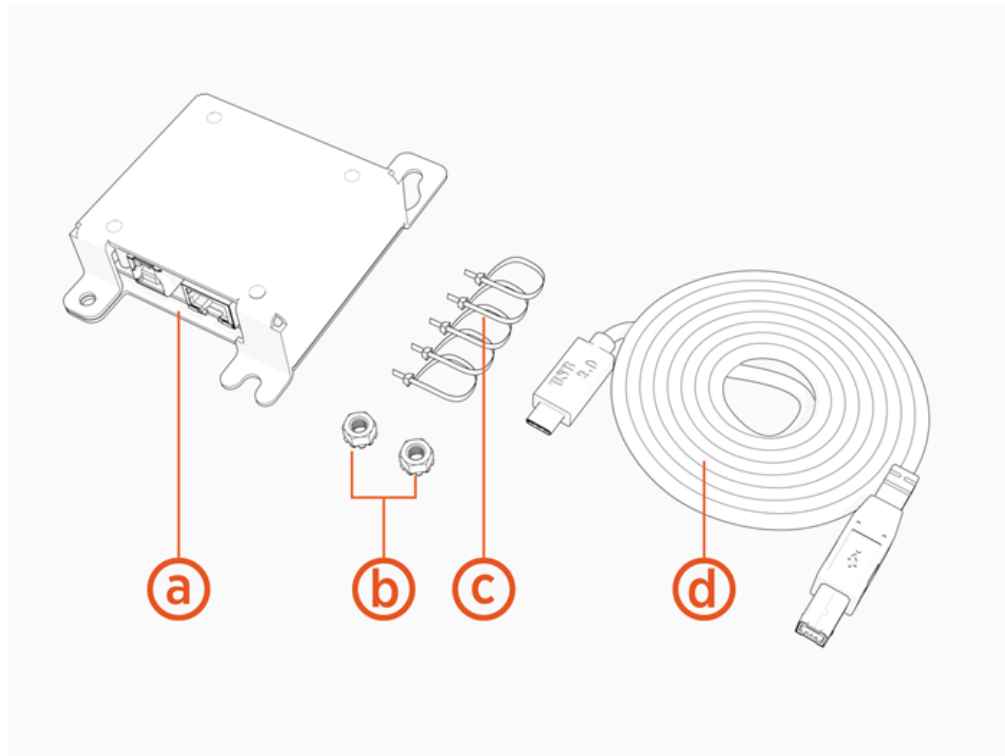
- The replacement cassette ships with a cable stop preinstalled on the tether cord. Be sure to remove the cable stop before completing the service.
 - When the reinstall is complete:
 - Complete the post-service checklist.
 - Contact ChargePoint regarding faulty part return.
-

Ethernet to USB Kit 22

This topic provides information on replacing the Ethernet to USB kit.

Kit Components

This kit is for installing Ethernet to USB module on a Power Link 1000's pedestal frame.



- (a) Ethernet to USB module (x1)
- (b) M5 star washer nuts (x2)
- (c) Cable ties (x5)
- (d) 500 mm USB 3.0 Type B to Type C

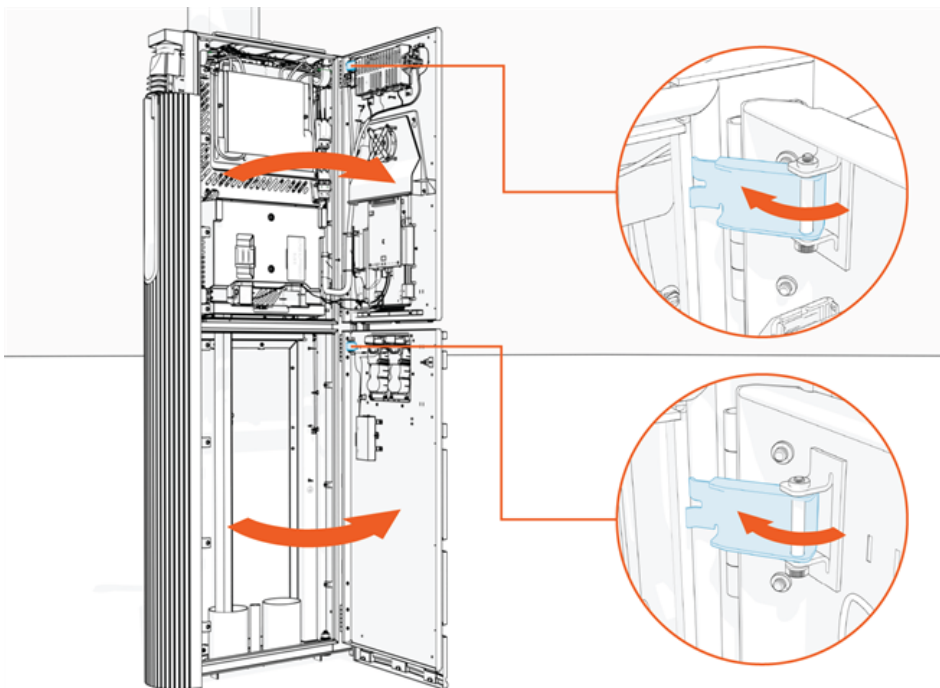
Before You Begin

1. Power off the charging station.
2. Determine if the Power Link 1000 has preassembled covers or unassembled components, remove them as necessary.

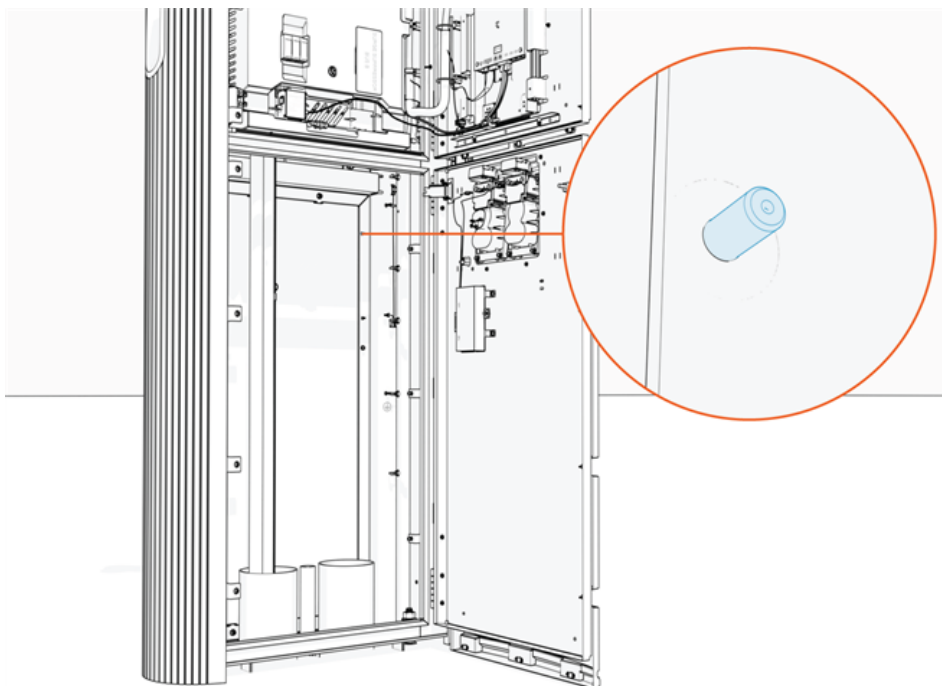
Where to Install the Ethernet to USB Module

To locate where to install the Ethernet to USB module, complete the following steps:

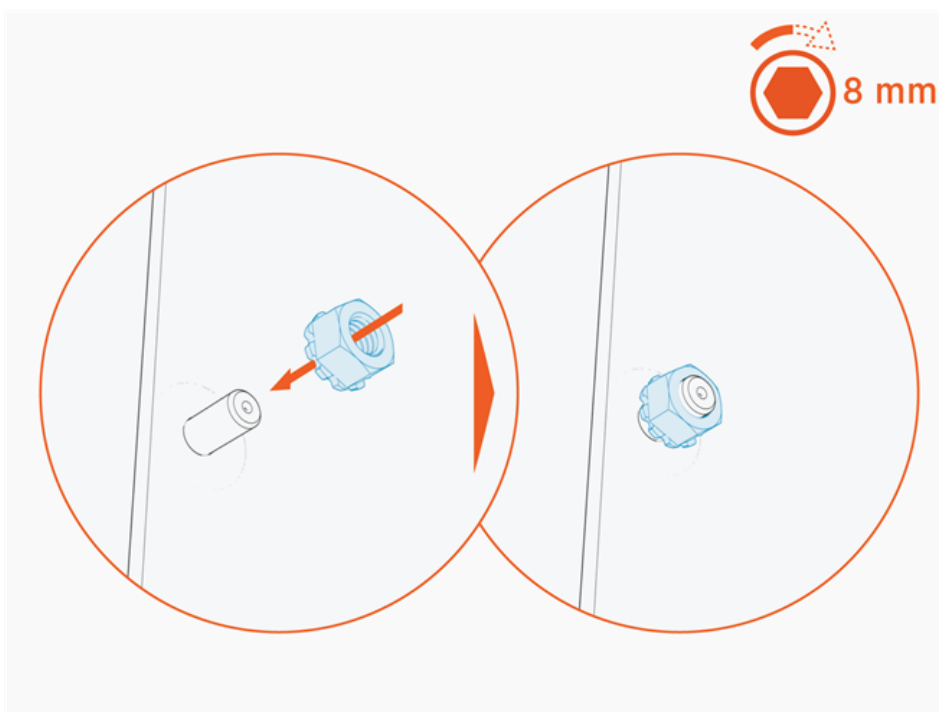
1. Open the upper and lower doors of the Power Link 1000 and engage the windstops for both the doors.



2. Locate a grounding stud on the Power Link 1000's pedestal frame.



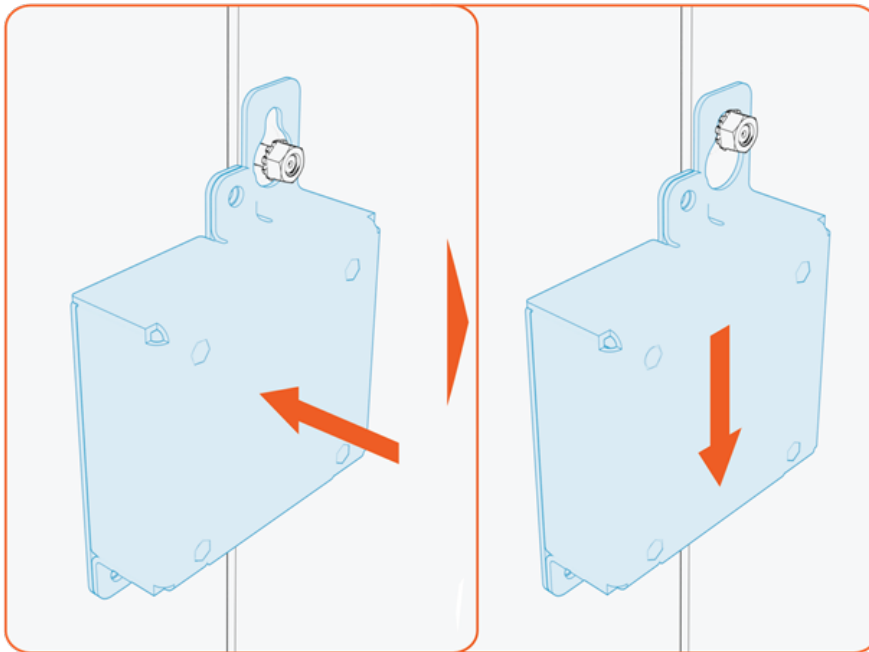
3. Use one of the provided M5 star washer nuts and partially install by pushing it only halfway onto the stud as shown below.



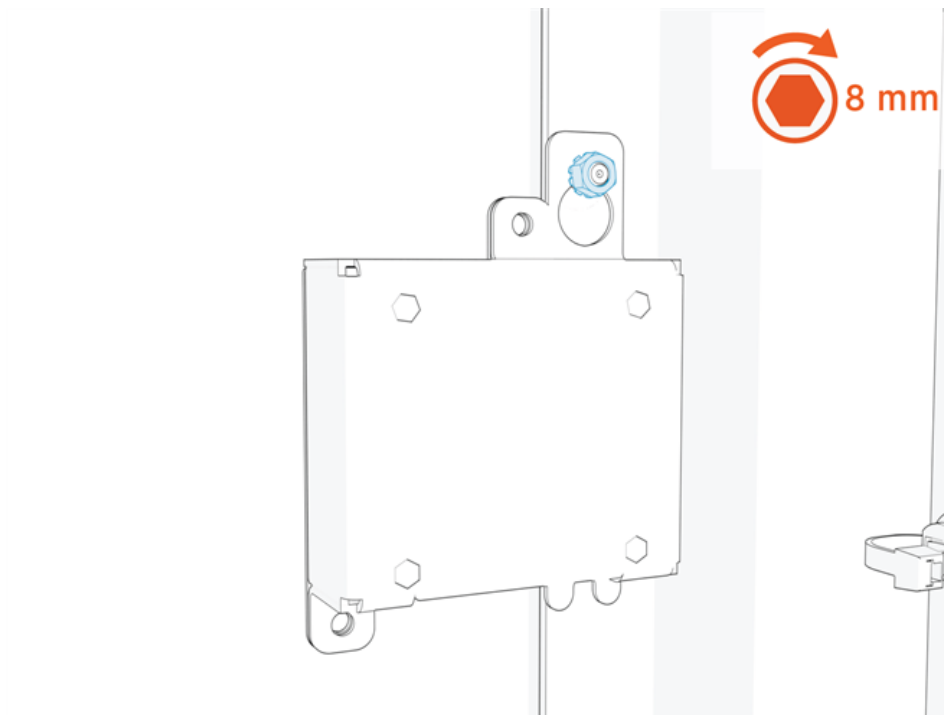
Routing and Installing the Ethernet to USB Module

To route and install the Ethernet to USB module, complete the following steps:

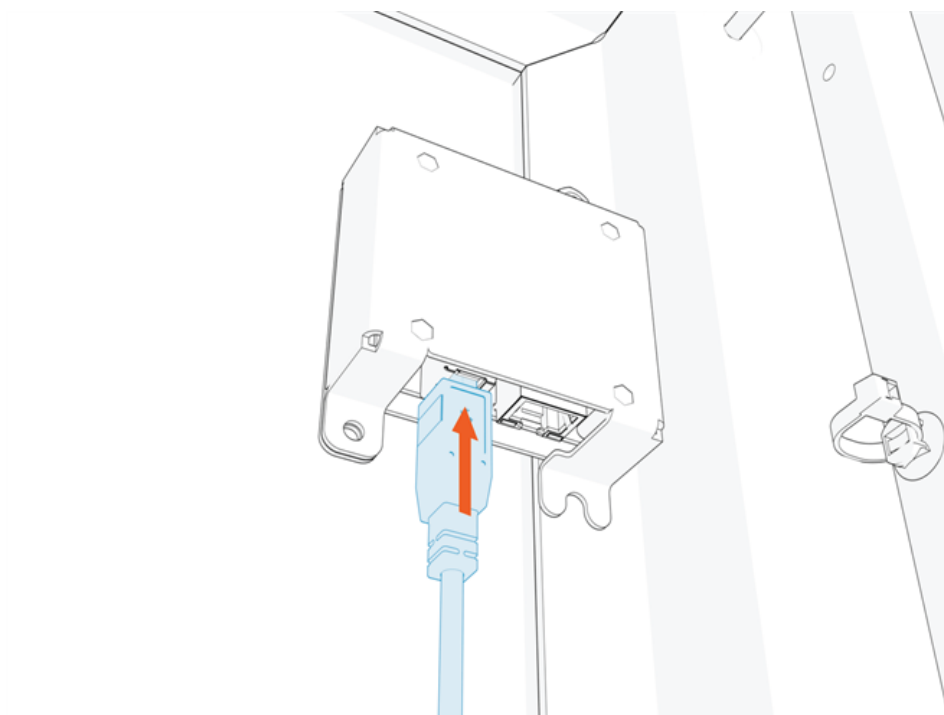
-
1. Use the keyhole on the Ethernet to USB module to install on the stud (that has the partially installed M5 star washer nut).
 - a. Mount the Ethernet to USB module onto the stud (as shown on the *leftside* of the figure below).
 - b. Slide the module downward to lock the keyhole and notched tab onto the mounting stud (as shown on the *rightside* of the figure below).



-
2. Torque the nut (x1) to 4.5 Nm (40 in-lb), 8 mm socket.

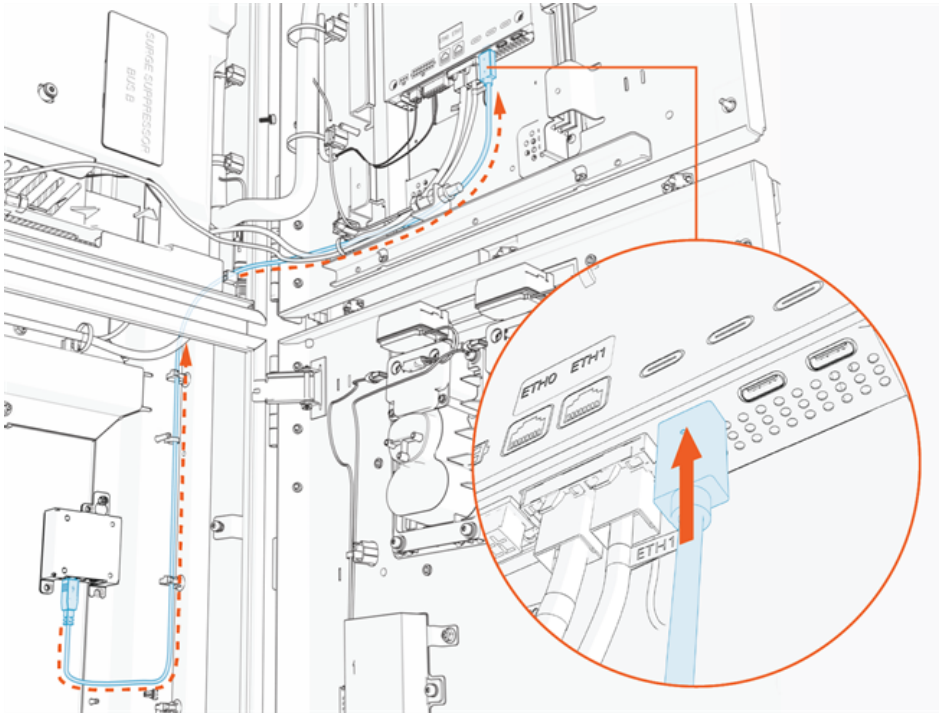


3. Plug the USB Type B end of the cable into the Ethernet to USB module.

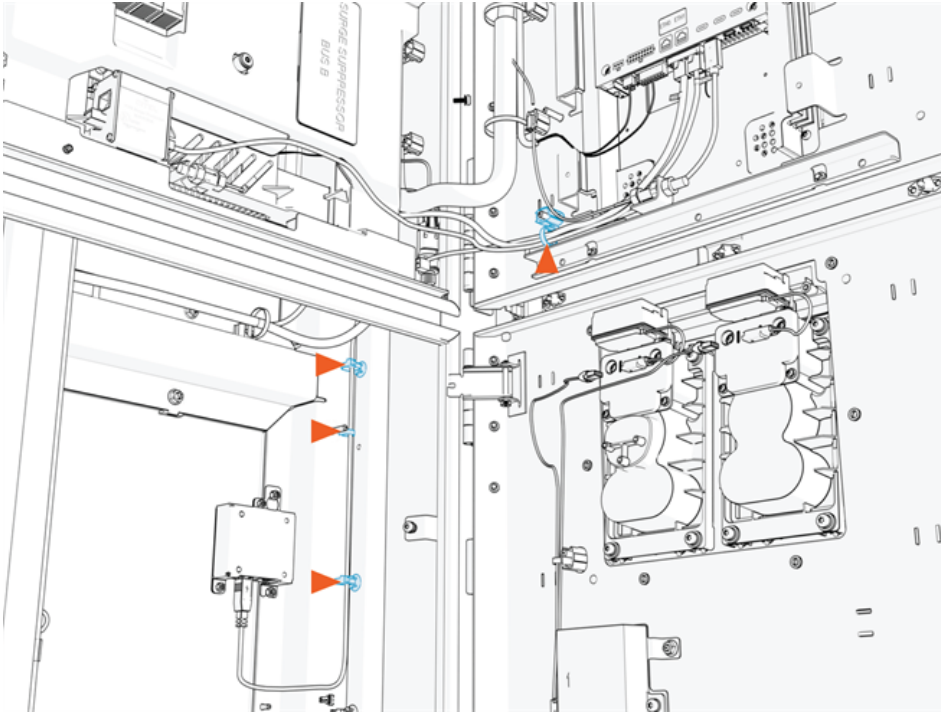


4. Perform these two steps below:

- a. Route the cable through the door cable guide and along the main cable harness to the falcon (Control and Communication Module (CCOM)) located on the Power Link 1000 door (as shown on the *leftside* of the figure below)
- b. Plug the USB Type C end of the cable into the falcon (Control and Communication Module (CCOM)) (as shown by the *inset* in the figure below).



-
5. Route the Ethernet to USB cable through the existing cable tie guides.



6. If needed, add more of the provided zip ties to zip tie the Ethernet to USB cable to the main cable harness .



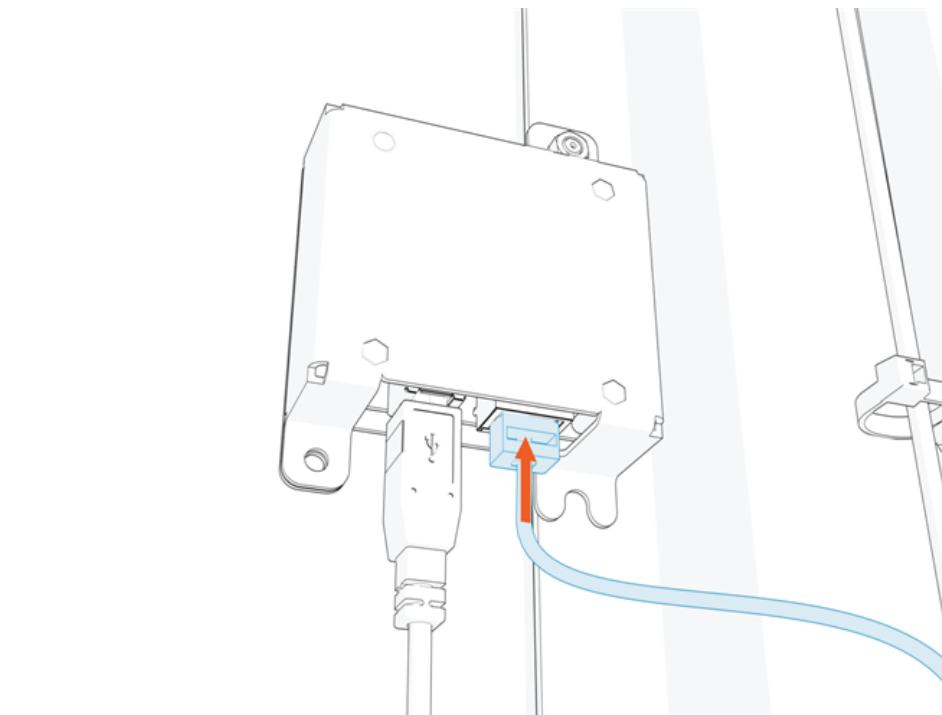
CAUTION:

- Ensure that no LV wires are at risk of being pinched or touching the HV cables.
- Ensure that the door can open and close without pulling the connectors.

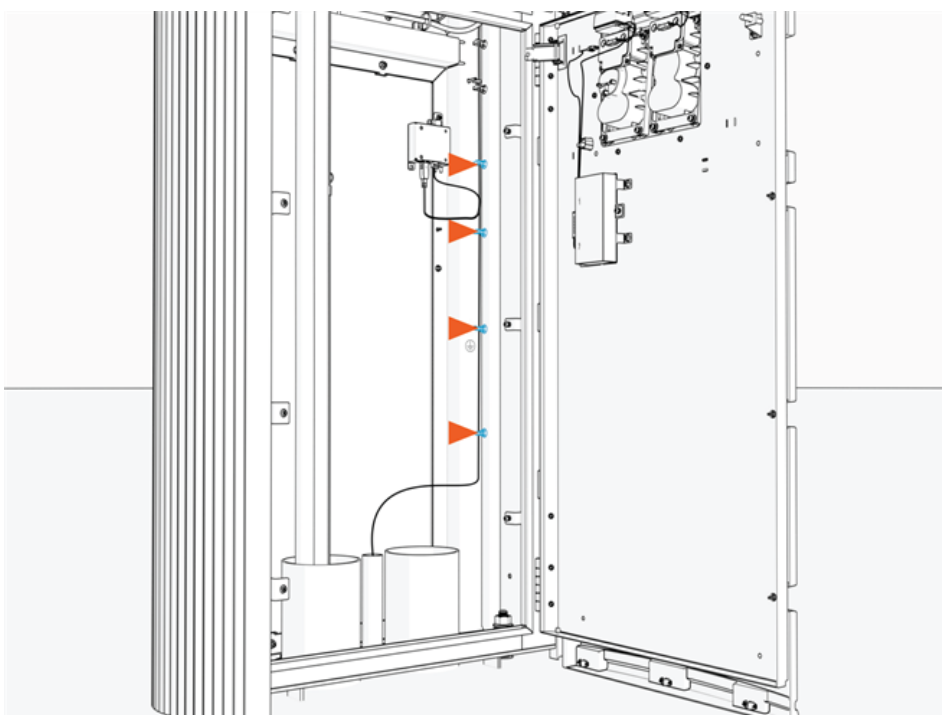
Fielding and Routing the Ethernet Cable

To field and route the Ethernet cable, complete the following steps:

-
1. Field land the Ethernet cable on to the Ethernet to USB module



2. Route the field landed Ethernet cable into the provided cable guides.



AFTER INSTALLING, REVERSE THE STEPS UNDER Before You Begin section TO COMPLETE THE SERVICE.



IMPORTANT: Recommended

- Complete the post-service checklist.
-

Power On 23

Note: Power Block must pass commissioning before power on, or warranty limitations apply.

To power on, ensure that the guidelines below are applied:

1. Ensure all doors and panels, covers, vinyl signs, and all other parts have been correctly installed and the work is complete.
2. Turn on power at the same points that you turned it off.

Note: If the site has a remote shunt trip switch, ensure that the switch is in the operating position.

3. Wait for self-diagnostics to run. The system may take several minutes to initiate. You may see messages intermittently until the system fully boots up.

Self-Diagnostic	After Installation	After Service or Power Outage
Electrical safety checks	✓	✓
Lighting checks	✓	✓
Display panel checks	✓	✓
Component operation checks	✓	✓
Network connectivity checks	✓	✓

4. View diagnostics information.
 - a. Log in to the ChargePoint Platform at na.chargepoint.com or ca.chargepoint.com.
 - b. Select **Stations**.
 - c. Select the station name to view the station specific information.
Apply filters to filter out the station you are looking for.



IMPORTANT: If a red status alert appears, contact ChargePoint immediately at chargepoint.com/support. A yellow status alert provides you with information that may require action (such as maintenance action) or no action.

5. If you have not yet configured the station (such as pricing, messaging, and additional options), do so after installation or service is complete. Refer to the Express Plus Operation and Maintenance.

Recommended Checklist 24

To adhere to ChargePoint best practices, complete the checklist using the following link:

https://docs.chargepoint.com/ref-docs-sec/content/pdfs/3-dc/expp/pl1000/pl1000_service_checklist.pdf

Limited Warranty Information and Disclaimer

The Limited Warranty you received with your charging station is subject to certain exceptions and exclusions. For example, your use of, installation of, or modification to, the ChargePoint® charging station in a manner in which the ChargePoint® charging station is not intended to be used or modified will void the limited warranty. You should review your limited warranty and become familiar with the terms thereof. Other than any such limited warranty, the ChargePoint products are provided "AS IS," and ChargePoint, Inc. and its distributors expressly disclaim all implied warranties, including any warranty of design, merchantability, fitness for a particular purposes and non-infringement, to the maximum extent permitted by law.

Limitation of Liability

CHARGEPOINT IS NOT LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION LOST PROFITS, LOST BUSINESS, LOST DATA, LOSS OF USE, OR COST OF COVER INCURRED BY YOU ARISING OUT OF OR RELATED TO YOUR PURCHASE OR USE OF, OR INABILITY TO USE, THE CHARGING STATION, UNDER ANY THEORY OF LIABILITY, WHETHER IN AN ACTION IN CONTRACT, STRICT LIABILITY, TORT (INCLUDING NEGLIGENCE) OR OTHER LEGAL OR EQUITABLE THEORY, EVEN IF CHARGEPOINT KNEW OR SHOULD HAVE KNOWN OF THE POSSIBILITY OF SUCH DAMAGES. IN ANY EVENT, THE CUMULATIVE LIABILITY OF CHARGEPOINT FOR ALL CLAIMS WHATSOEVER RELATED TO THE CHARGING STATION WILL NOT EXCEED THE PRICE YOU PAID FOR THE CHARGING STATION. THE LIMITATIONS SET FORTH HEREIN ARE INTENDED TO LIMIT THE LIABILITY OF CHARGEPOINT AND SHALL APPLY NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY.

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.



chargepoint.com/support

75-001632-01 r4

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.



chargepoint.com/support

75-001632-01 r4