Kit Instructions

Back-to-Back Kiosk

2246-K040/041
Issue B

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Revision Record

Issue	Date	Remarks
A	May 2020	First Issue
B	Jul 2020	Updated procedures for removing and installing the Checkpoint® controller and power supply

Back-to-Back Kiosk

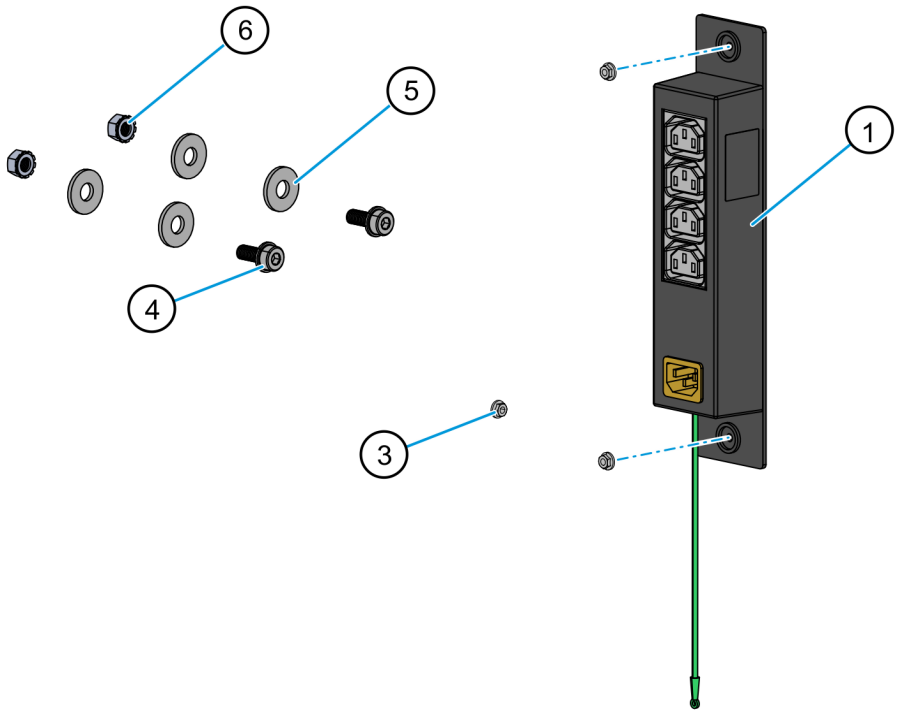
This publication provides procedures for installing two NCR SelfServ™ XK22 (2246) Pedestal Mount kiosks back to back.

The NCR XK22 Kiosk offers the following two options for the Back-to-Back Kiosk kit:

- 2246-K040 — for Hospitality channel
- 2246-K041 — for Retail channel

Note: This kit requires the *2246-K900 Pedestal, ADA Mount* kit.

Kit Contents



Part Number		Description
497-0527597		2246-K040 Kit - Back-to-Back Kiosk - HOS
1	497-0421485	Power Strip, IEC 4-POS, Plastic Case
2*	497-0413916	Cable - IEC AC Power, 2 ft (2 pcs)
3	009-0007087	Serrated Nut - Self Locking (M4, 4.2) (3 pcs)
4	006-8627554	M8x20mm Long, 1.25mm Thread Serrated-Flange Socket Head Screw (2 pcs)
5	006-8613306	Washer, .406 ID x 1.0 OD x .100 THK, ZN (4 pcs)
6	006-8623608	Hex Nut with Washer, M8 Thread, 1.25mm Pitch, 13mm Wide Class 8 Zinc-Plated Steel (2 pcs)
7*	006-8615143	Cable Tie, 142mm x 3.6mm (4 pcs)
8*	006-8623359	Bag, 2x2 Zip Lock (2 pcs)
9*	497-0518927	9 X 12" 2 mil Reclosable Poly Bag (2 pcs)
10*	497-0423108	Instructions-Kit (Reference Sheet)

Note: Items marked with an asterisk (*) are not shown in the image.

Part Number		Description
497-0527623		2246-K041 Kit - Back-to-Back Kiosk - RET
1	497-0421485	Power Strip, IEC 4-POS, Plastic Case
2	497-0413916	Cable - IEC AC Power, 2 ft (2 pcs)
3	009-0007087	Serrated Nut - Self Locking (M4, 4.2) (3 pcs)
4	006-8627554	M8x20mm Long, 1.25mm Thread Serrated-Flange Socket Head Screw (2 pcs)
5	006-8613306	Washer, .406 ID x 1.0 OD x .100 THK, ZN (4 pcs)
6	006-8623608	Hex Nut with Washer, M8 Thread, 1.25mm Pitch, 13mm Wid Class 8 Zinc-Plated Steel (2 pcs)
7*	006-8615143	Cable Tie, 142mm x 3.6mm (4 pcs)
8*	006-8623359	Bag, 2x2 Zip Lock (2 pcs)
9*	497-0518927	9 X 12" 2 mil Reclosable Poly Bag (2 pcs)
10*	497-0423108	Instructions-Kit (Reference Sheet)

Note: Items marked with an asterisk (*) are not shown in the image.

Installation Procedures

For back-to-back kiosk installation, both kiosks must be bolted to the floor using recommended anchors. Before installing the kiosk, ensure that the installation location is prepared and the mounting holes are drilled. The anchors or bolts are not shipped with the kiosk and must be obtained locally.

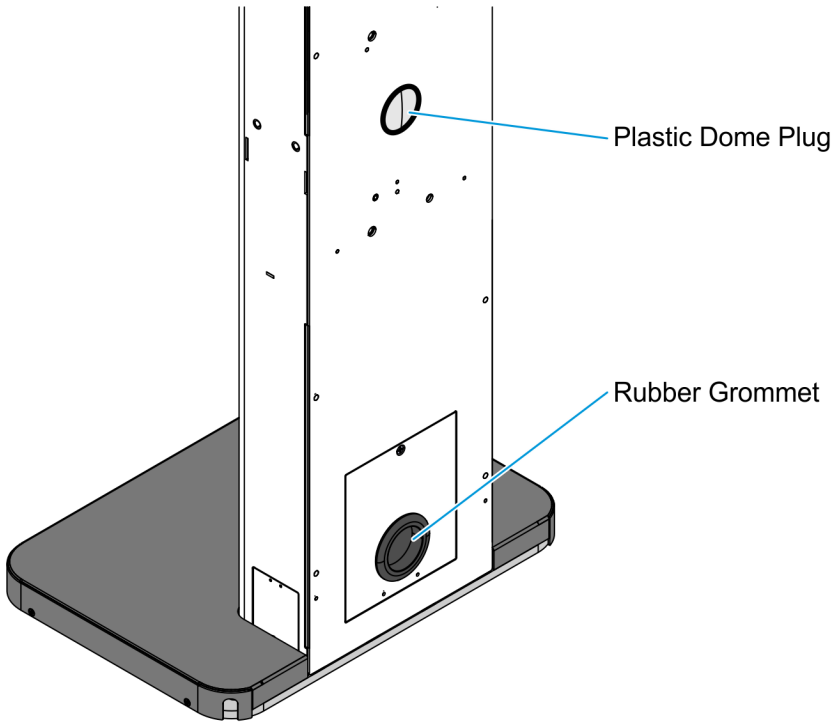
Note: For more information on mounting dimensions, bolt specifications, and anchor specifications, refer to NCR SelfServ™ XK22 (2246) Site Preparation Guide (BCC5-0000-5390).

Warning: Disconnect the AC power cord before disassembling the kiosk.

Note: The Power Strip is installed to the pedestal that is closer to the external AC power outlet and LAN port. For this procedure, *Pedestal 1* refers to the pedestal with the Power Strip, while *Pedestal 2* refers to the other pedestal.

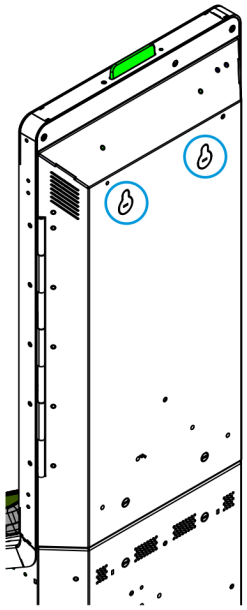
To install the NCR XK22 Kiosk Pedestal Mount kiosks back to back, follow these steps:

1. Remove the plastic dome plug and the rubber grommet that cover the cable access holes at the upper and lower back of the pedestals.



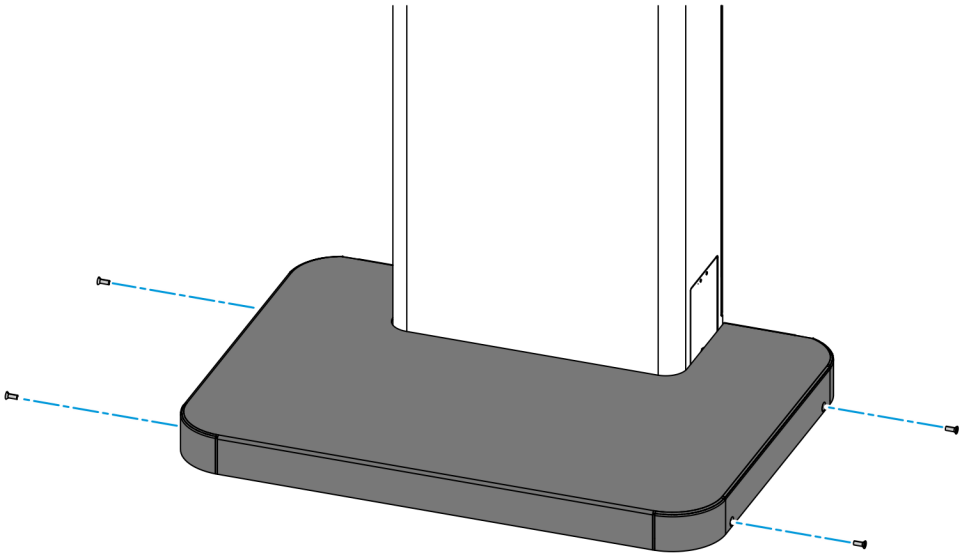
CCP-79101

2. Using a flat–head screwdriver or a similar tool, remove the two knock–out features located on the upper module of the pedestals.



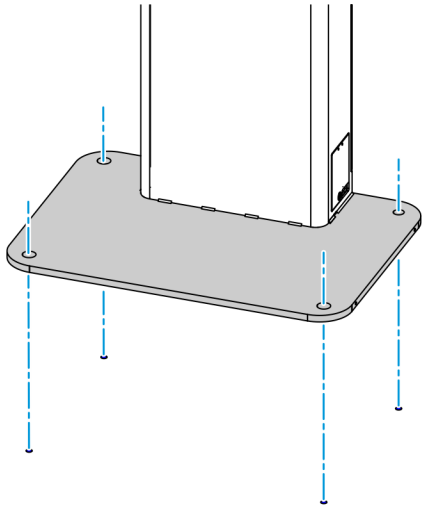
CCP-79102

3. Position the two pedestals on their final installation locations.
4. Remove the Base Cover from the pedestal base by removing the four screws indicated in the following image.



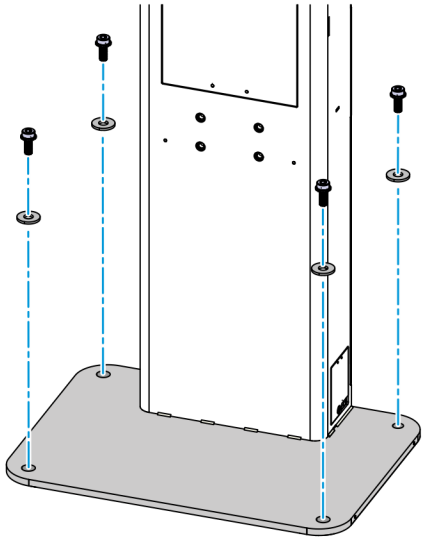
CCP-77900

5. Align the four mounting holes on the pedestal base with the four mounting holes on the floor.



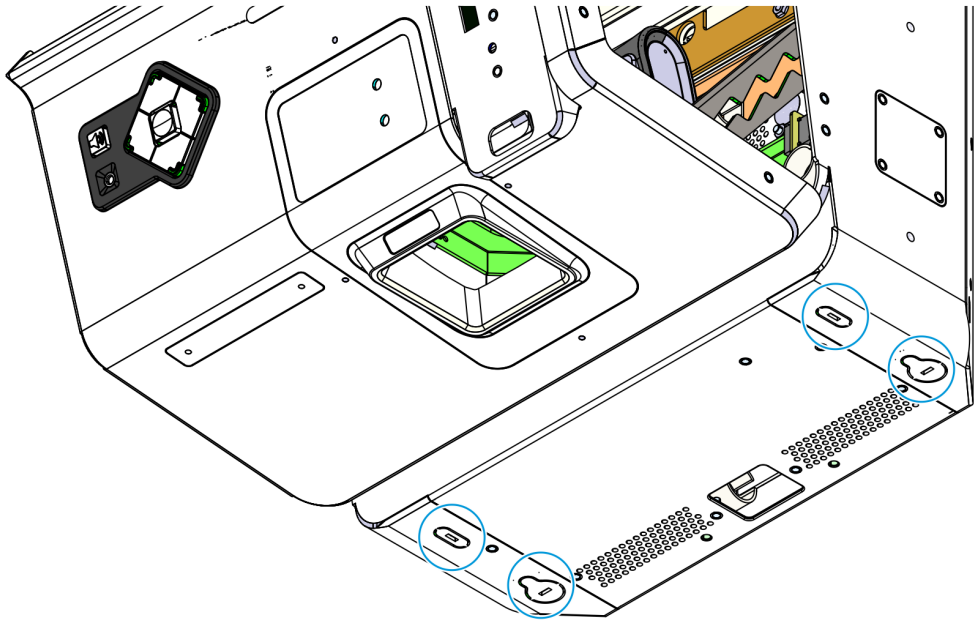
CCP-77903

6. Secure the pedestal to the floor using four anchors and four washers.



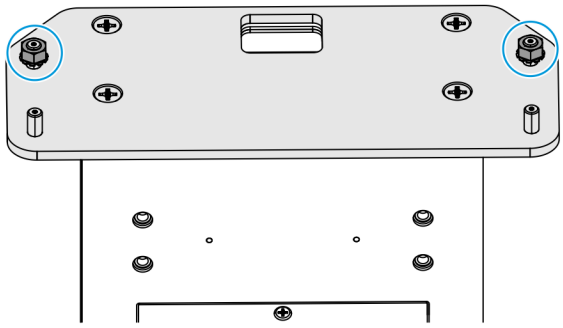
CCP-77904

7. Using a flat–head screwdriver or a similar tool, remove the four knock–out features that cover the mounting holes on the bottom of the kiosk head.



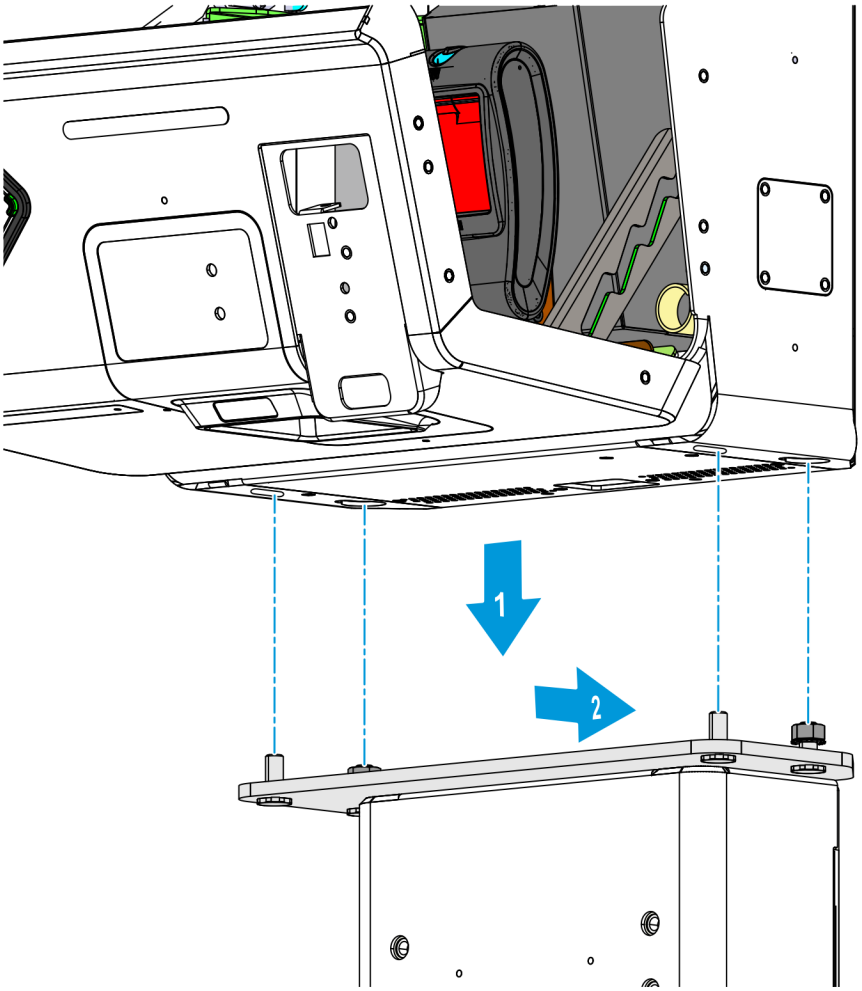
CCP-76691

8. Install but do not tighten the two M8 Keps nuts onto the two rear mounting studs.



CCP-76696

9. Position the kiosk head onto the studs on top of the pedestal adapter plate, and then slide the kiosk head toward the back.



10. While supporting the kiosk, open the Lower Module Door and do the following:

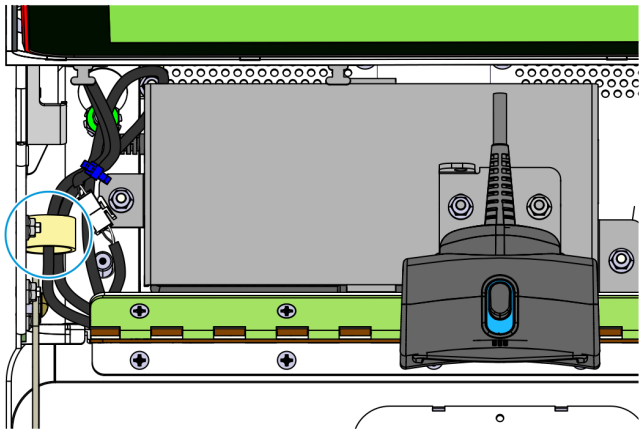
Note: For procedures on how to open the Lower Module Door, refer to *Opening the Kiosk* on page 19.

a. If the kiosk includes the Coupon Bin feature, remove the Coupon Bin from its mounting studs.

b. If the kiosk includes the Receipt Printer feature, remove the Receipt Printer from its mounting bracket. For more information, refer to *Removing the Receipt Printer* on page 23.

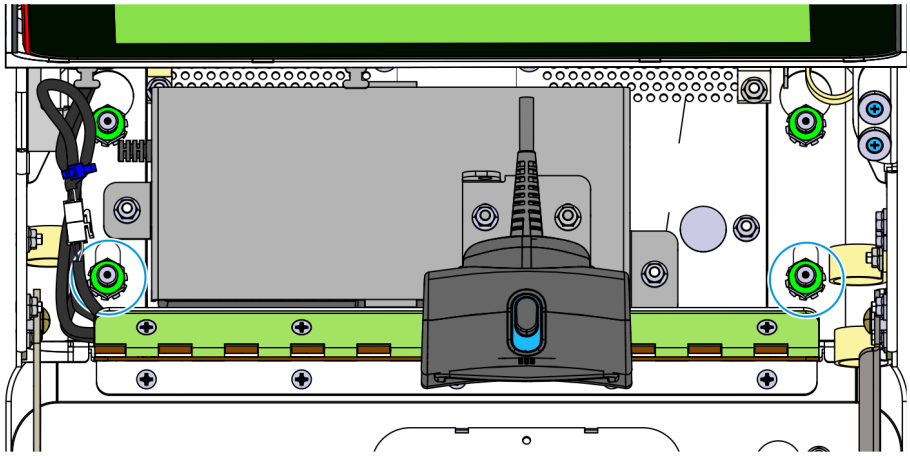
c. If the kiosk includes the Checkpoint® feature, remove the Checkpoint® Controller, its power supply brick, and its mounting brackets from the kiosk. For more information, refer to *Removing the Checkpoint® Controller and Power Supply* on page 26.

d. To access the mounting holes on the left side of the kiosk, remove the DC Power Cable from the p-loop indicated in the following image.



CCP-76697

11. Install but do not tighten the two M8 Keps nuts on the two front studs.

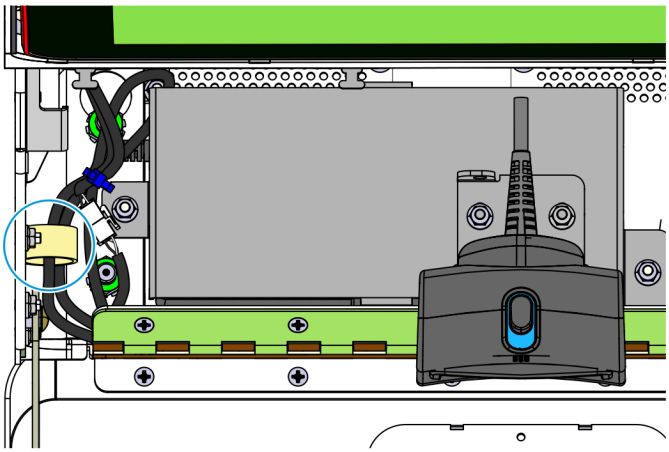


CCP-77906

12. To fully secure the kiosk, tighten the four M8 Keps nuts.

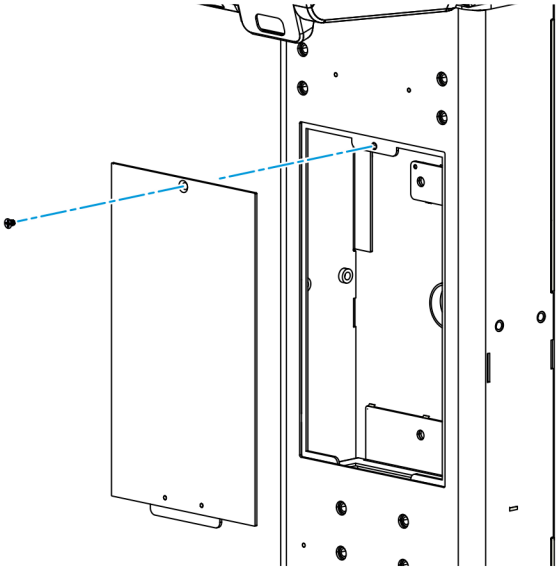
Note: Do not fully tighten any nut on the first turn. Use a stepping method when tightening the nuts. Tighten each nut a little at a time to evenly install the kiosk to the pedestal.

13. Return the DC Power Cable to the p-loop indicated in the following image.



CCP-78761

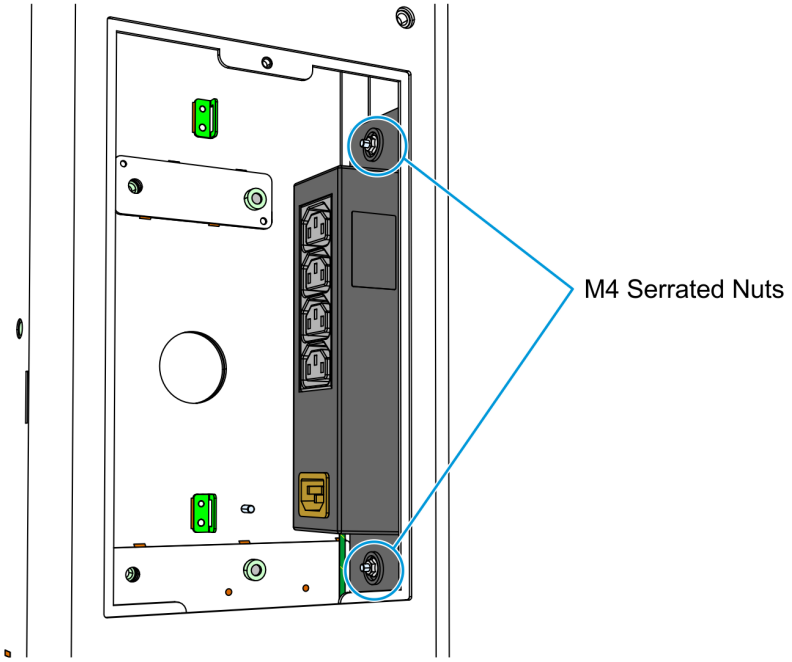
14. Remove the Front Access Door of the pedestals.
    - Remove the screw that secures the Front Access Door to the pedestal.



CCP-76690

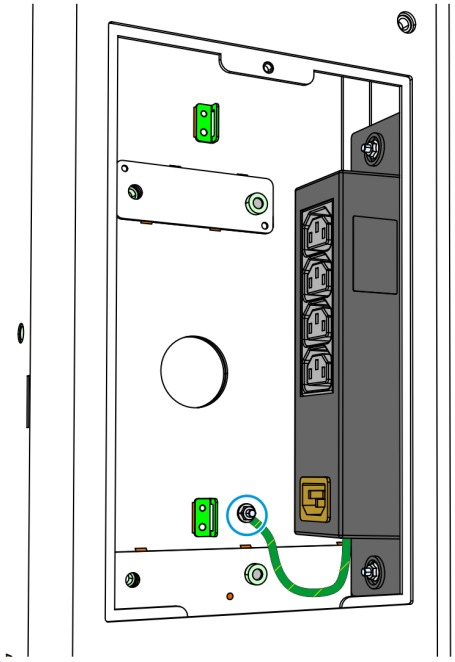
15. Install the Power Strip to *Pedestal 1*.

    a. Mount the Power Strip to the studs on the right-hand wall of the pedestal and secure it using two M4 serrated nuts.



CCP-79103

    b. Attach the Power Strip ground cable to the stud indicated in the following image, and then secure it with an M4 serrated nut.

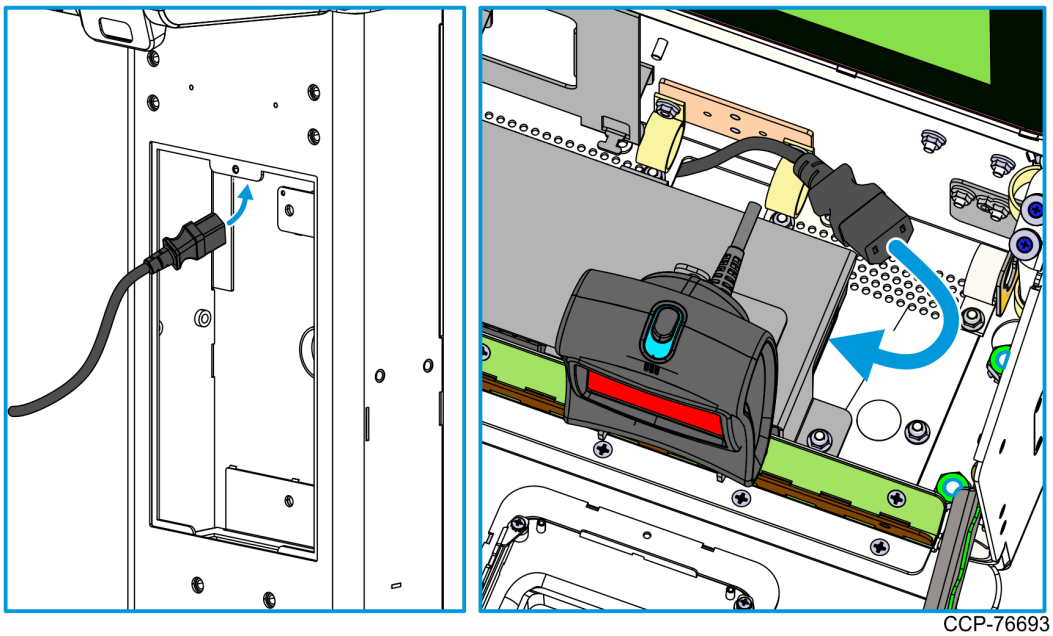


CCP-79104

16. Connect and route the Kit AC Power Cables.

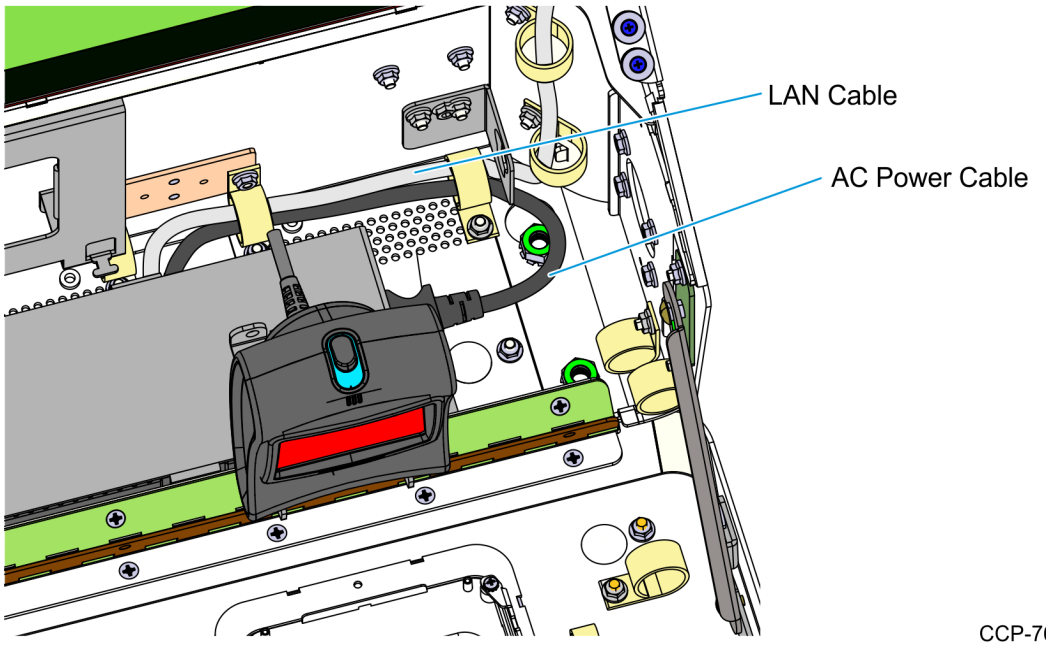
Note: Use the two AC Power Cables that comes with the kit. The AC Power Cable that comes with the original 2246 kiosk packaging will be used for connecting the Power Strip to the external AC power outlet.

- Insert one end of the Kit AC Power Cable into the Front Access Door and into the kiosk access hole, and then connect it to the power brick.



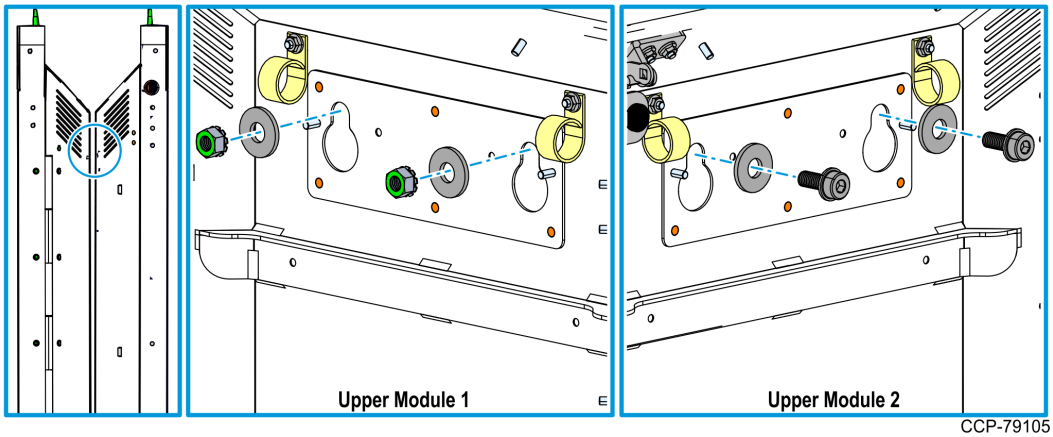
CCP-76693

17. Route the LAN Cable through the access hole on the base of the kiosk, and then secure both LAN Cable and Kit AC Power Cable with p-loops along the route.

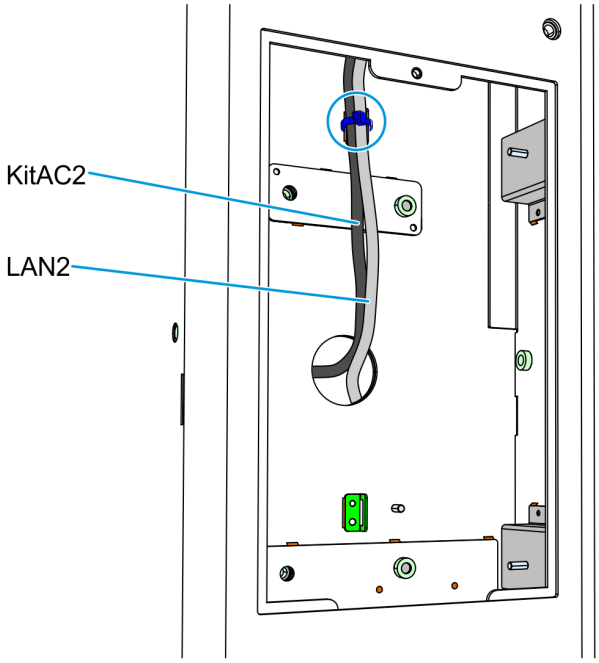


CCP-76698

18. If the kiosk includes the Receipt Printer feature, re–install the Receipt Printer. For more information, refer to *Installing the Receipt Printer* on page 24.
19. If the kiosk includes the Checkpoint® feature, re–install the Checkpoint® Controller, its power supply brick, and its mounting brackets. For more information, refer to *Installing the Checkpoint® Controller and Power Supply* on page 29.
20. If the kiosk includes the Coupon Bin feature, re–install the Coupon Bin on its mounting studs.
21. Close the gap between the two kiosks.
    a. Open the Upper Module Door. For more information, refer to *Opening the Kiosk* on page 19.
    b. Install the two M8 screws, two M8 nuts, and four washers through the holes on the upper module of the kiosks.

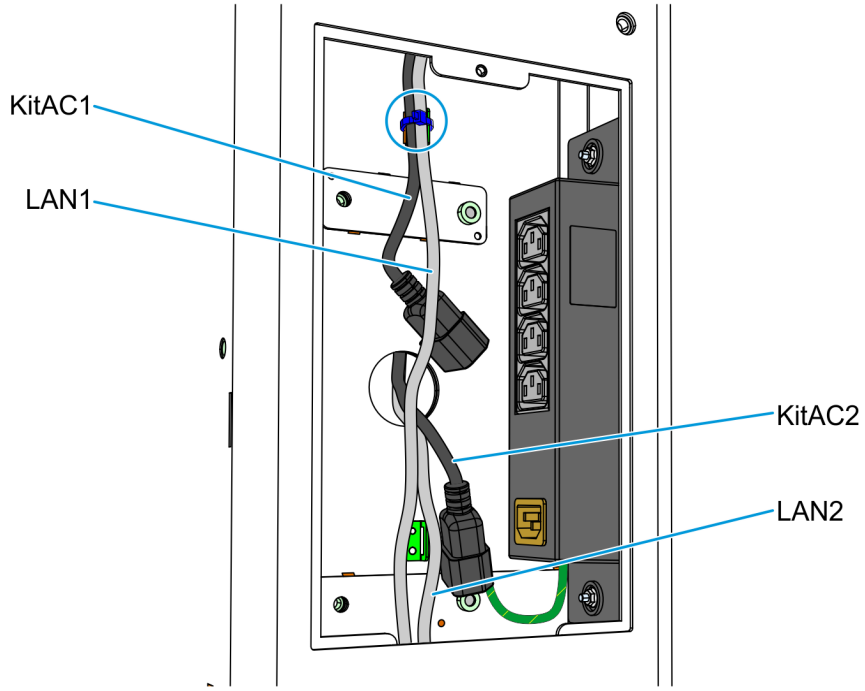


22. Route and secure the *Pedestal 2* cables going to *Pedestal 1*.
    a. Insert the Kit AC Power Cable (KitAC2) and the LAN Cable (LAN2) through the upper back access hole.
    b. Use a cable tie to secure the cables to the cable management bracket indicated in the following image.



CCP-79106

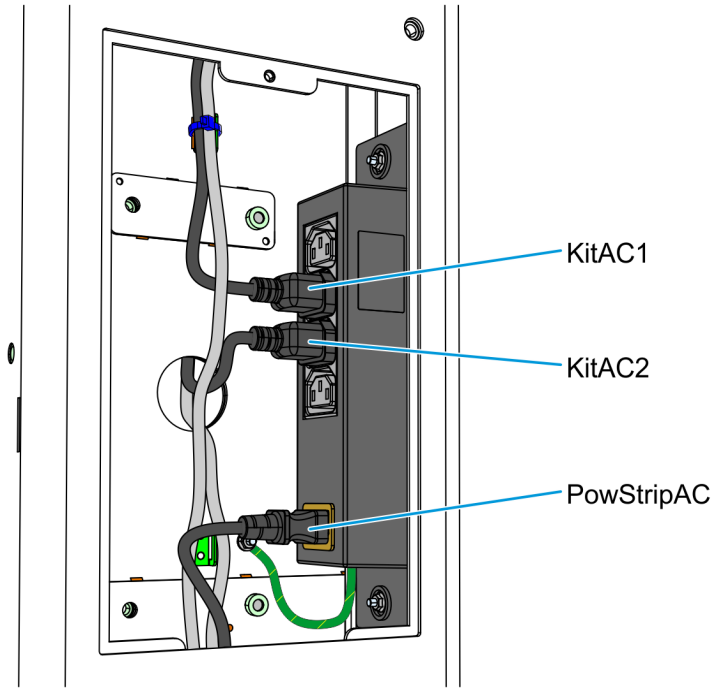
23. Secure the *Pedestal 1* cables.
    - Use a cable tie to secure the Kit AC Power Cable (KitAC1) and LAN Cable (LAN1) to the cable management bracket indicated in the following image.



CCP-79107

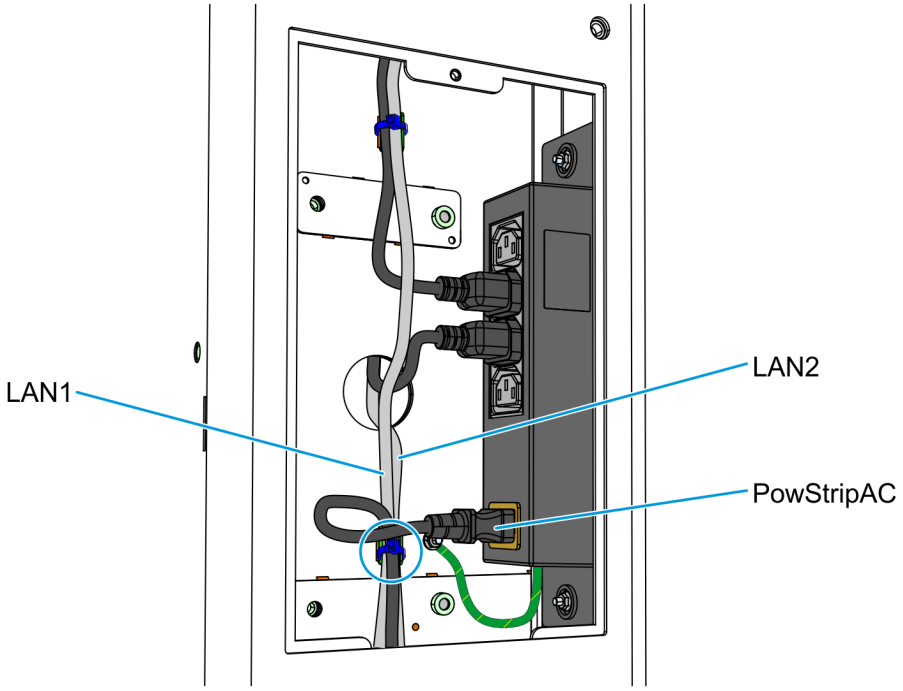
24. Connect the following cables to the Power Strip.

Note: Power Strip AC Power Cable (PowStripAC) is the AC Power Cable that comes with the original 2246 kiosk packaging.



CCP-79108

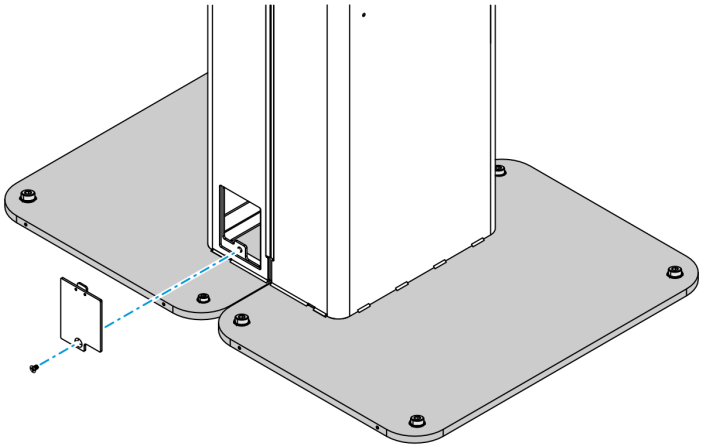
25. Use a cable tie to secure the LAN1, LAN2, and PowStripAC cables to the cable management bracket indicated in the following image.



CCP-79113

26. Route the LAN1, LAN2, and PowStripAC cables out of the pedestal, through the Side Access Door of *Pedestal 1*.

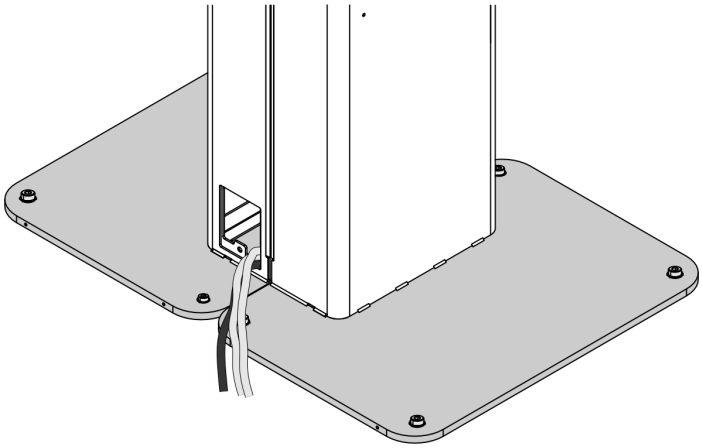
    a. Remove the Side Access Door of the pedestal by removing the screw that secures it to the pedestal.



CCP-79109

b. Route the LAN1, LAN2, and PowStripAC cables out of the pedestal. Verify that the cables are long enough to reach their external connection ports.

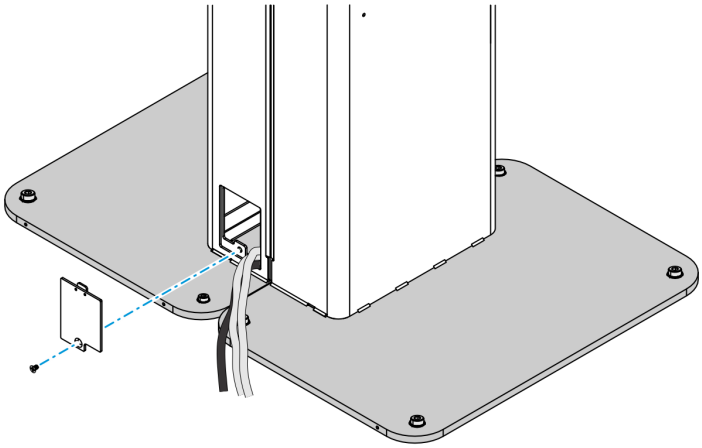
Caution: Do not plug the PowStripAC cable to the power source yet.



CCP-79110

c. Re–install the Side Access Door to the pedestal and secure it with a screw.

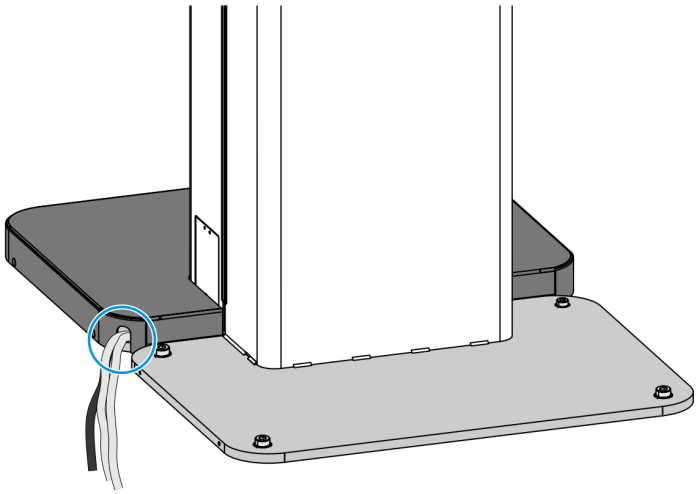
Caution: Ensure that the cables are not pinched.



CCP-79111

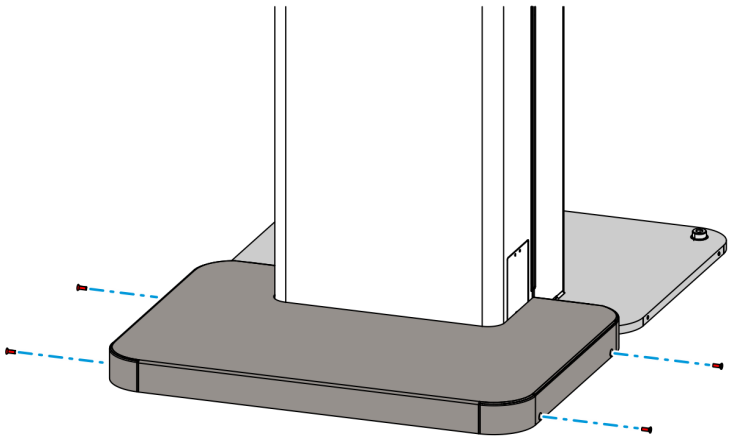
27. Re–install the Base Cover on *Pedestal 1*.

    a. Position the Base Cover on top of the pedestal base, making sure to route the cables through the cable access hole of the Base Cover.



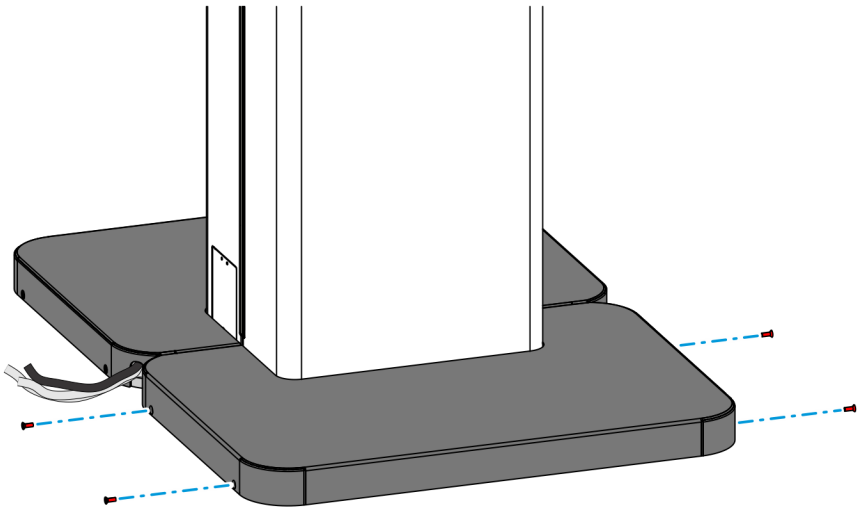
CCP-79114

    b. Secure the Base Cover with four screws.



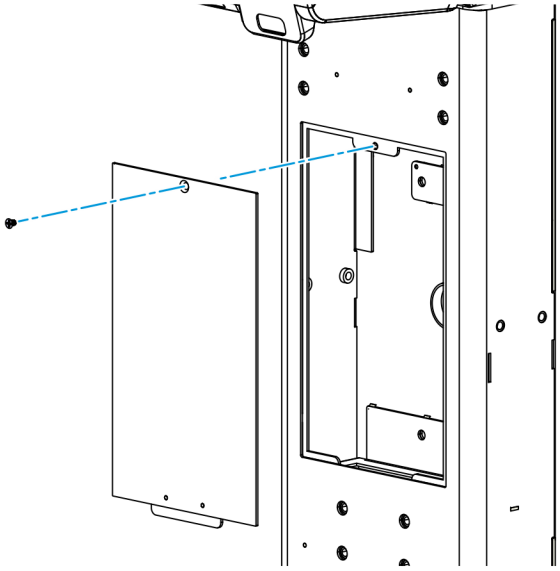
CCP-79115

28. Re–install the Base Cover of *Pedestal 2* and secure with four screws.



CCP-79116

29. Re–install the Front Access Door to the pedestals and secure it with a screw.



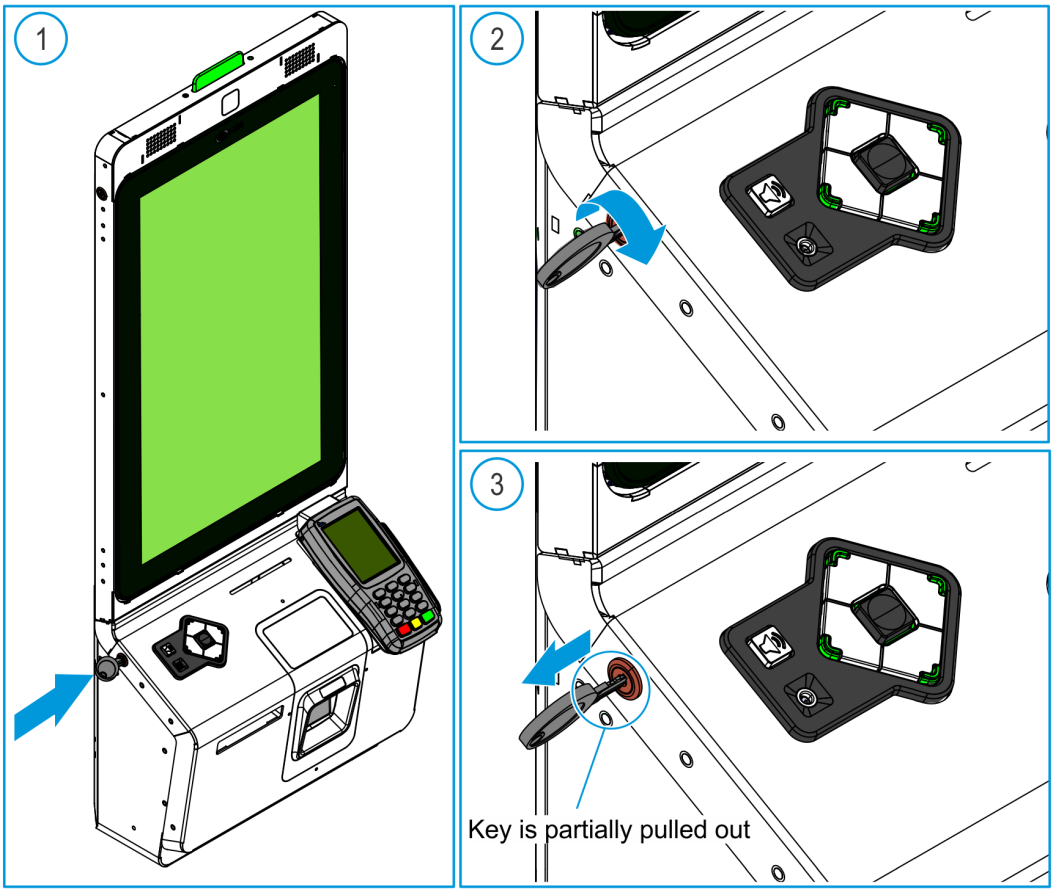
CCP-76690

Opening the Kiosk

To open the kiosk, follow these steps:

1. Open the Lower Module Door.
   a. Insert the Lower Module Door key into the keyhole on the left-hand side of the kiosk, turn the key clockwise (OPEN position), and then partially pull the key (about halfway) out of the keyhole.

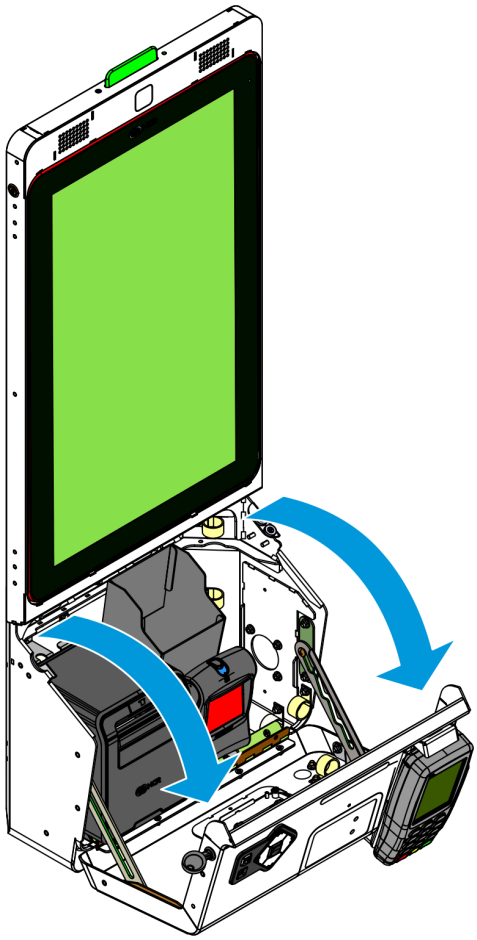
Note: When the key is partially out of the keyhole, the cam lock mechanism is held at the OPEN position. This technique prevents the cam lock from automatically re-engaging with the lock catch.



CCP-77667

b. While the key and the cam lock are at the OPEN position, grip the left and right edges of the Lower Module Door, pull the door forward, and guide the door until the door linkage is fully extended.

⚠ **Caution:** Do NOT abruptly open and release the Lower Module Door. Hold and support the Lower Module Door until fully extended.

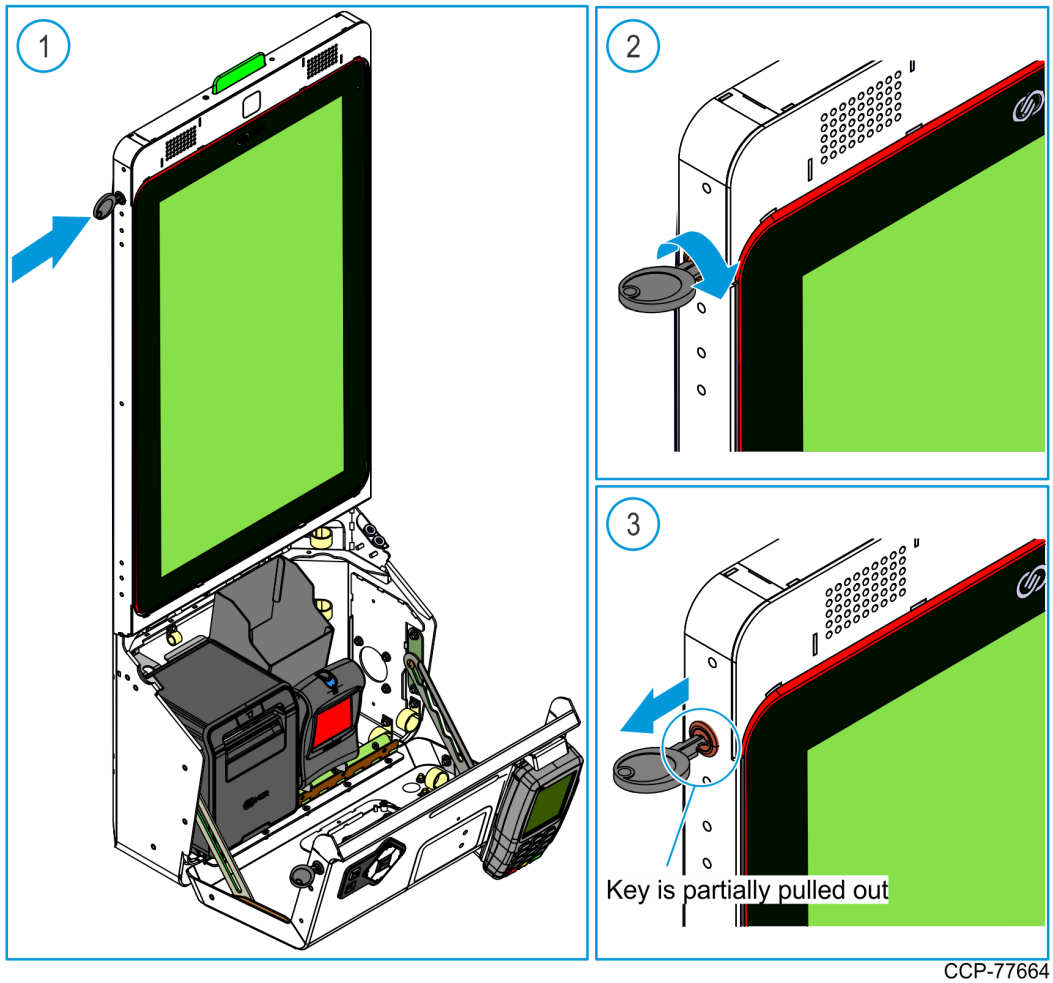


CCP-77665

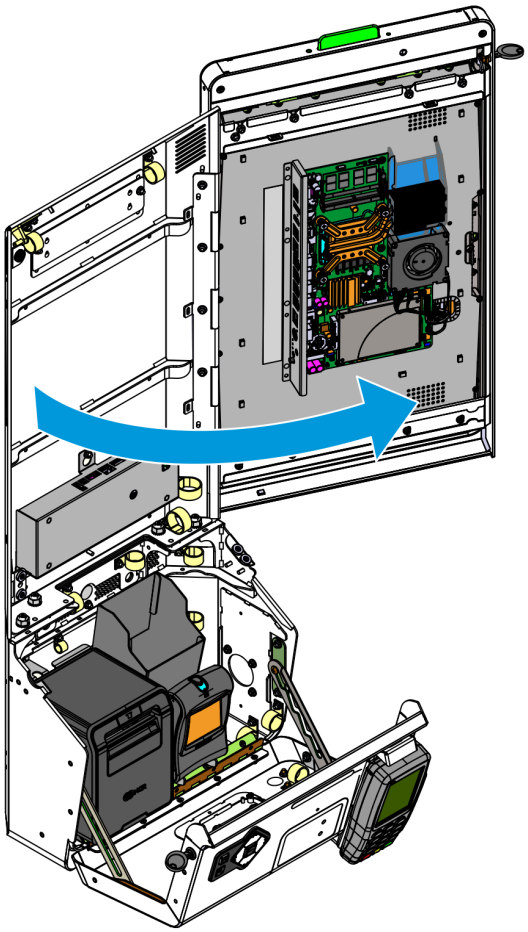
2. Open the Upper Module Door.

   a. Insert the Upper Module Door key into the lock on the left-hand side of the kiosk, turn the key clockwise (OPEN position), and then partially pull the key (about halfway) out of the keyhole.

Note: When the key is partially out of the keyhole, the cam lock mechanism is held at the OPEN position. This technique prevents the cam lock from automatically re-engaging with the lock catch.



b. While the key and the cam lock are at the OPEN position, grip the left edge of the Upper Module Door and pull the door forward.

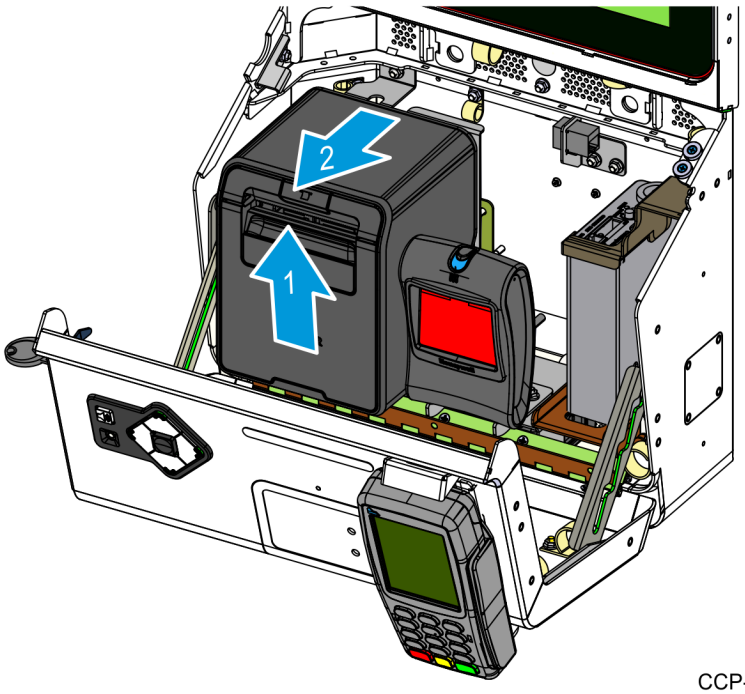


CCP-77663

Receipt Printer

Removing the Receipt Printer

1. Slightly slide the receipt printer upward to unhook it from its bracket, and then carefully remove the printer from its bracket.

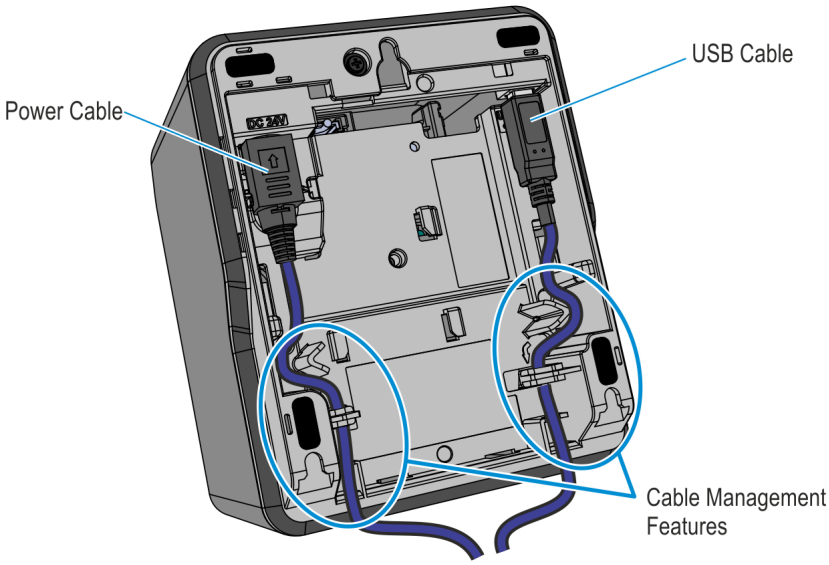


CCP-77653

⚠ **Caution:** At this point, the printer cables are still connected to the rear side of the printer. To avoid damaging the cables or the printer, do not pull the printer too far away from its mounting bracket.

2. Disconnect the Power and USB cables from the rear side of the printer.

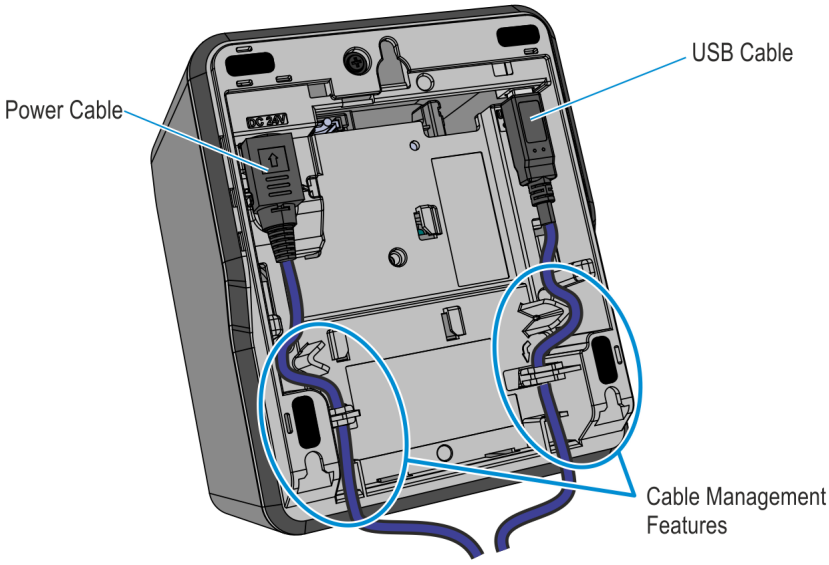
Note: The Power Cable connector has a lock feature. Slightly pull the external shell of the connector then pull the connector out of its port.



CCP-73161

Installing the Receipt Printer

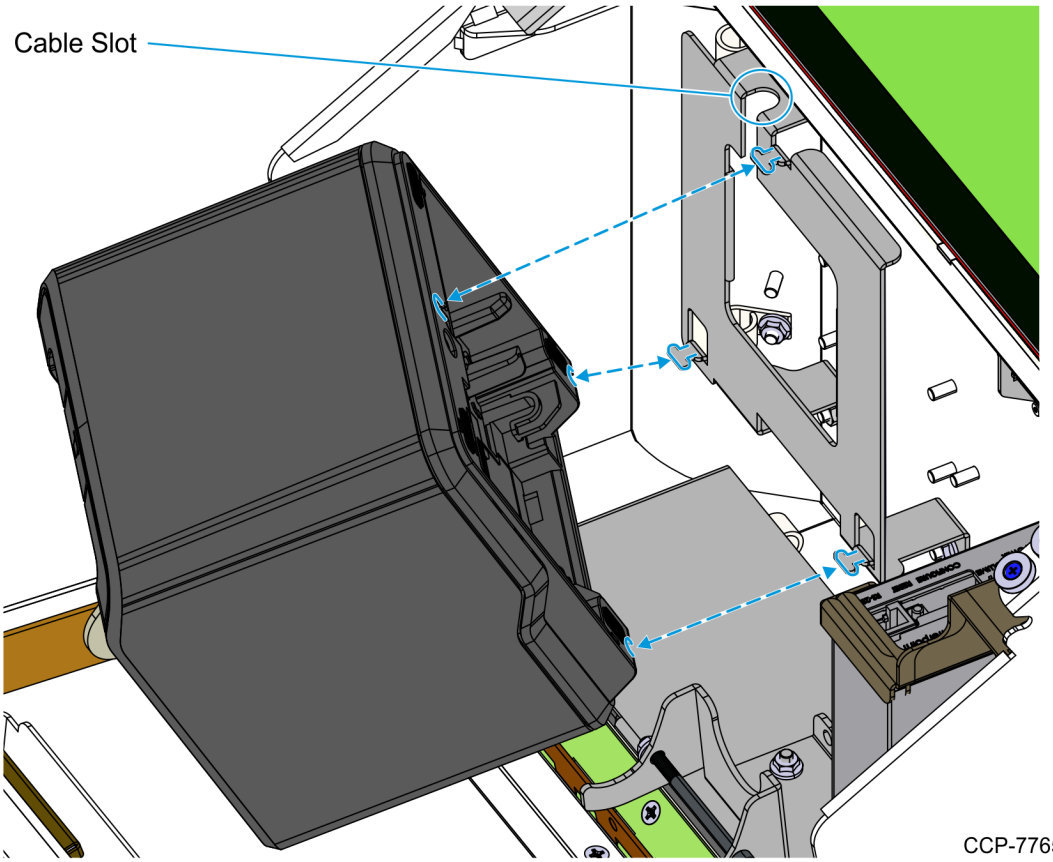
1. Connect the Power and USB cables to the rear side of the printer. Route the cables downward and secure them using the cable management features in the printer.

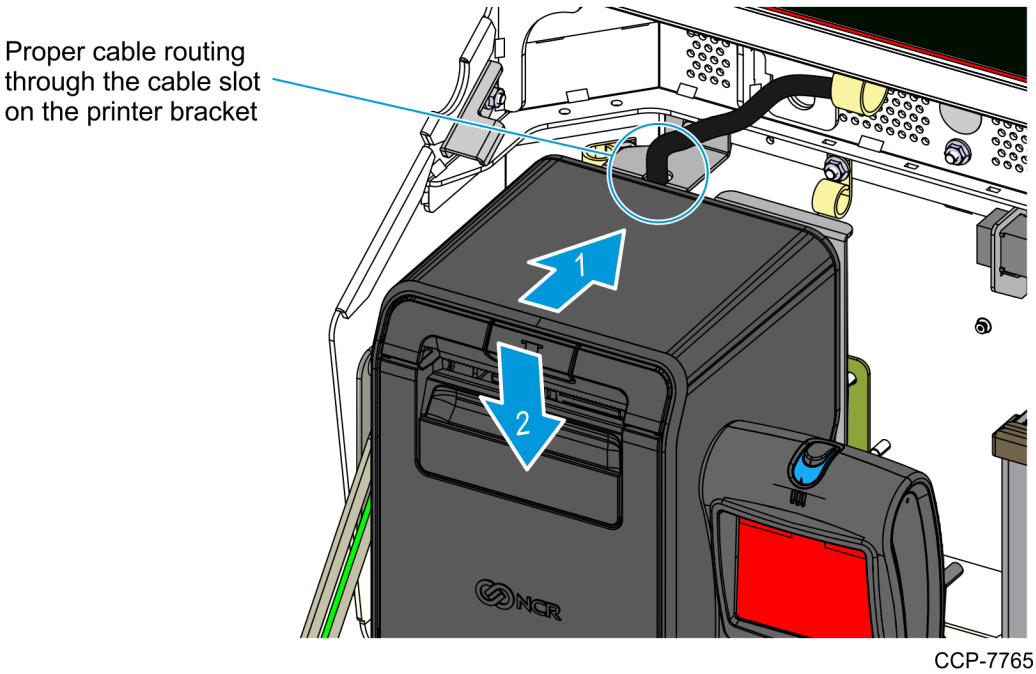


CCP-73161

2. Mount the printer to its bracket using the hook features and slide it down to lock it in place, while inserting the cable to the cable slot on the bracket.

Note: To avoid damaging the printer when the door is closed, ensure that the printer is properly hooked to its bracket.





Checkpoint® Controller and Power Supply

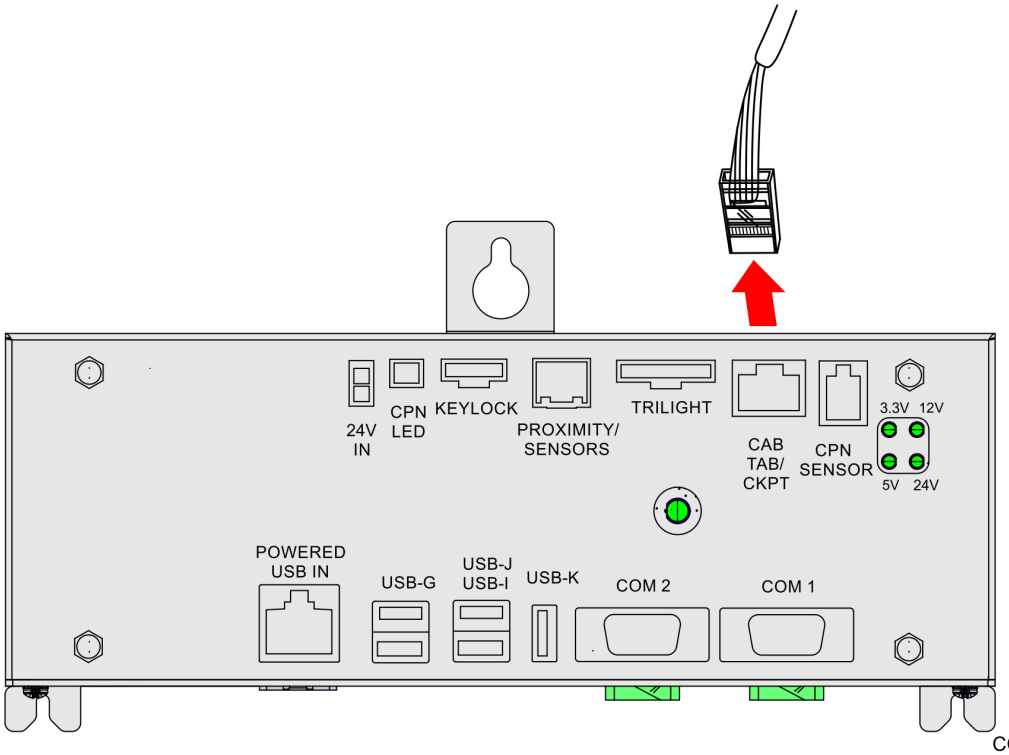
Warning: Before removing or replacing the Checkpoint® Controller or Checkpoint® Power Supply, ensure to disconnect the Checkpoint® Power Supply AC Power Cord from the AC outlet.

Note: This section provides procedures for removing and re-installing the Checkpoint® Controller and Power Supply, in case either one or both need to be removed to access other devices in the kiosk.

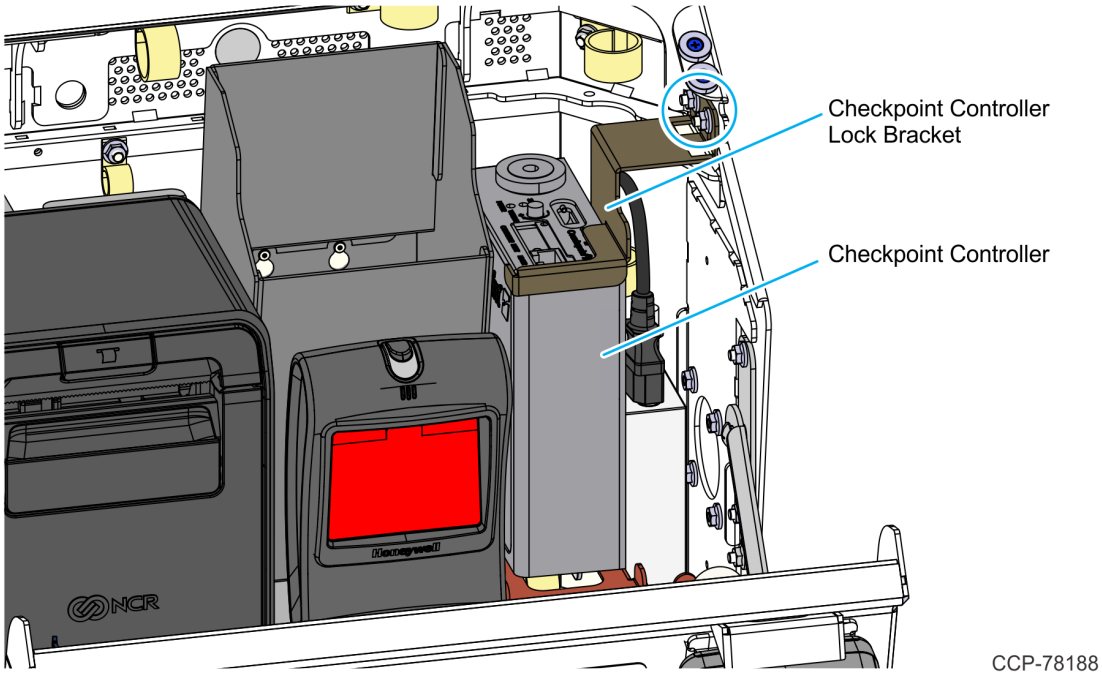
Removing the Checkpoint® Controller and Power Supply

1. Open the Upper Module Door and disconnect the Checkpoint® Signal Cable connector from the **CKPT** connector on the I/O Adapter. Remove it from the p-loops along its route.

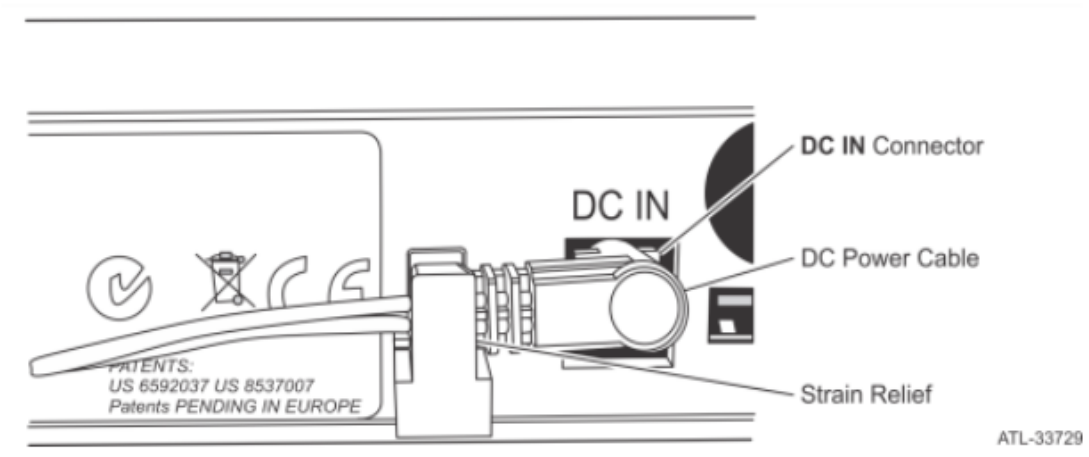
Note: For procedures on how to open the Upper Module Door, refer to *Opening the Kiosk* on page 19.



2. Remove the two hex nuts that secure the Checkpoint® Controller lock bracket onto the side of the lower module.



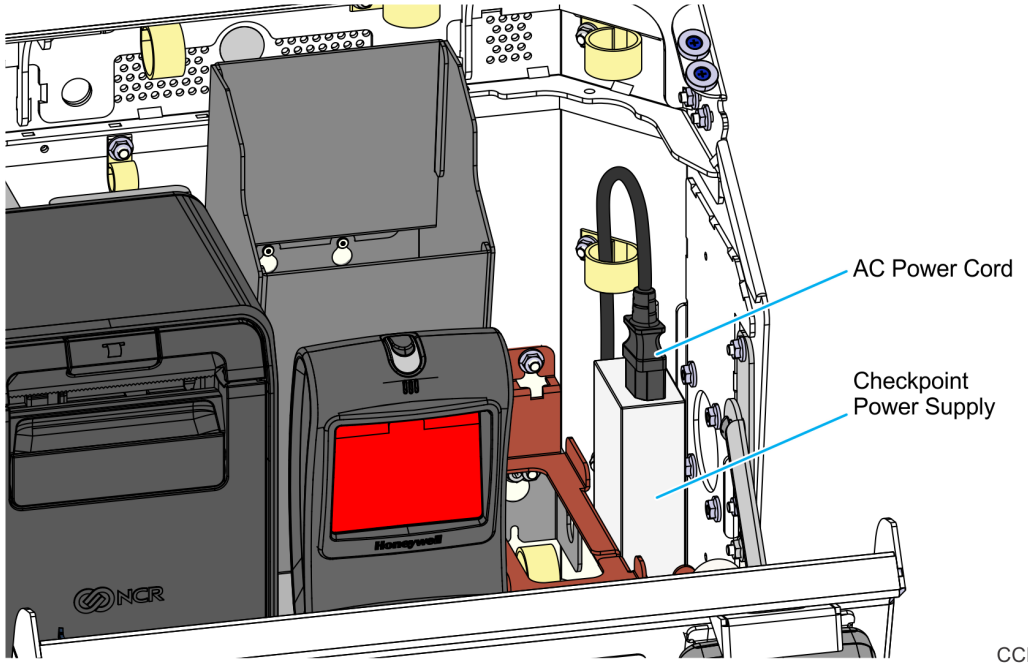
3. Lift the Checkpoint® Controller off the mounting bracket and disconnect the DC Power Cable from the DC In connector at the bottom of the Checkpoint® Controller.



4. Place the Checkpoint® Controller beside the kiosk.

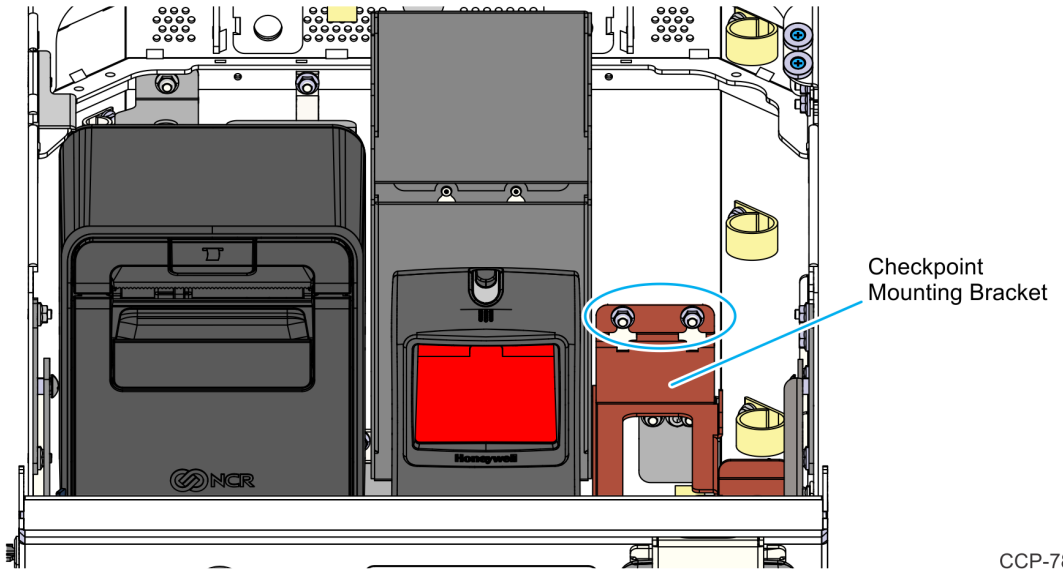
⚠ **Caution:** At this point, the Checkpoint® Antenna Cable is still connected to the Checkpoint® Controller. Be careful not to pull too much on the cable.

5. Disconnect the AC Power Cord from the Checkpoint® Power Supply, and then remove the Checkpoint® Power Supply from the mounting bracket.



CCP-78187

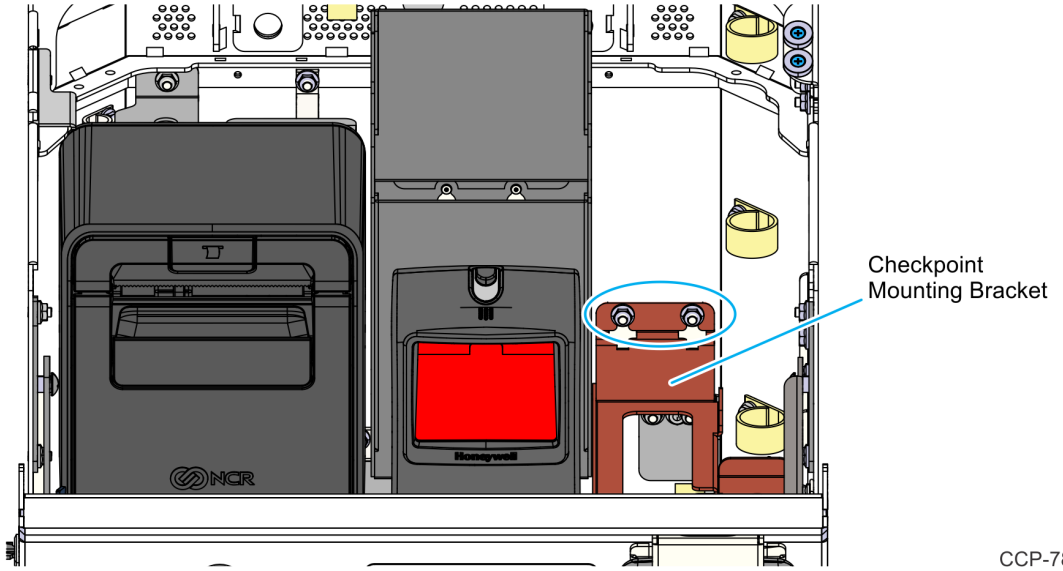
6. Remove the two hex nuts that secure the Checkpoint® mounting bracket onto the side of the lower module.



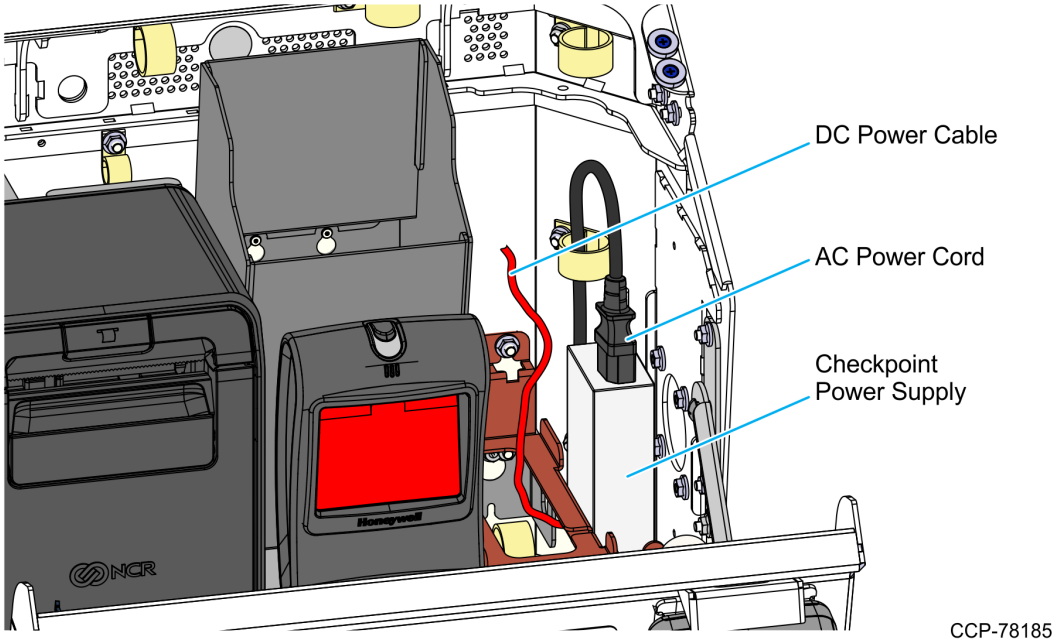
CCP-78186

Installing the Checkpoint® Controller and Power Supply

1. Install the Checkpoint® mounting bracket on the right inner side of the lower module and secure it with the two hex nuts.



2. Install the Checkpoint® Power Supply.

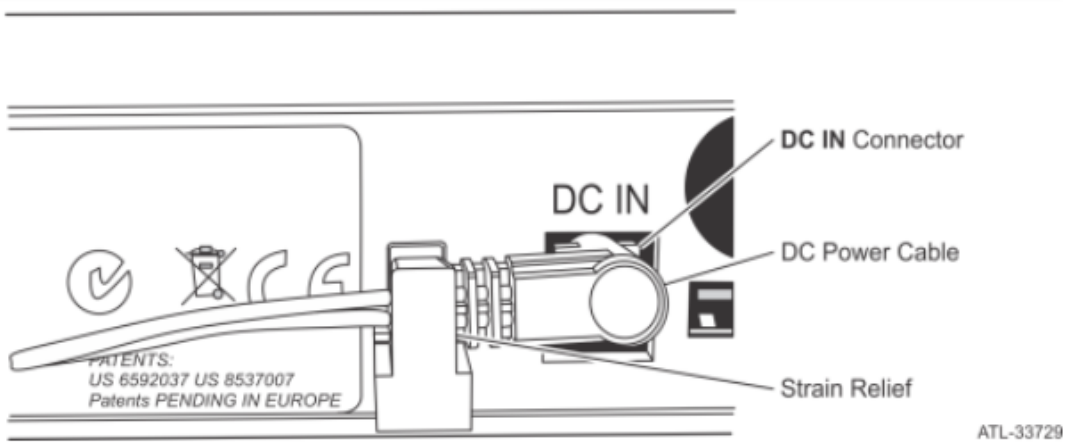


   a. Route the DC Power Cable of the power supply through the bottom access hole of the mounting bracket.

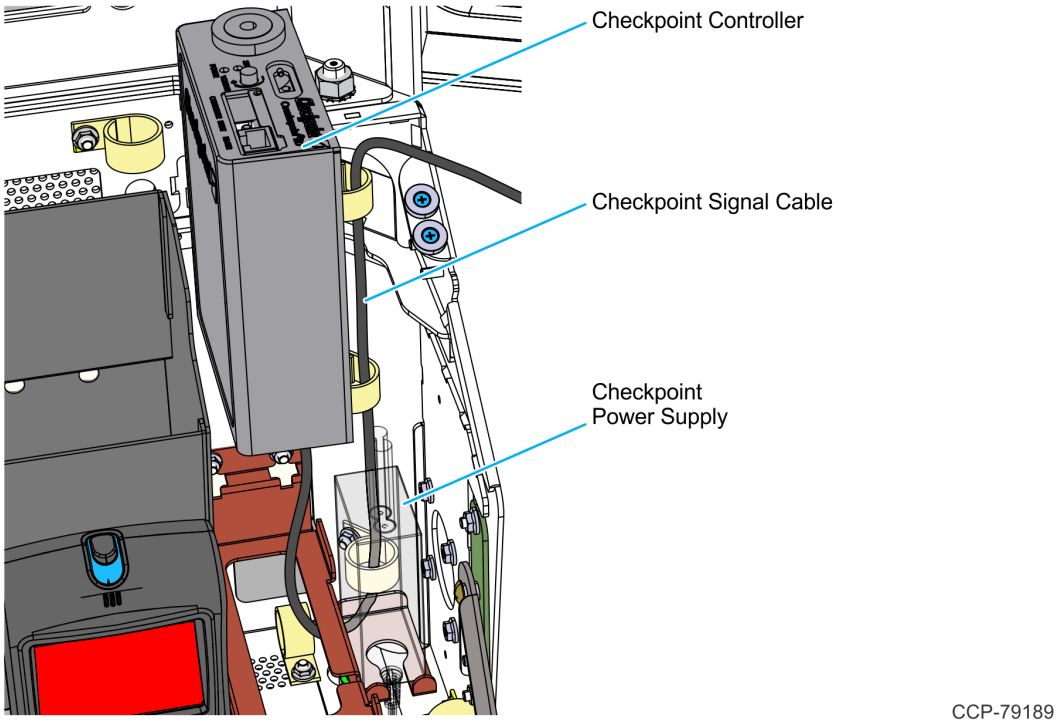
   b. Position the power supply on the right side of the mounting bracket.

   c. Connect the AC Power Cord to the power supply.

3. Connect the DC Power Cable to the DC In connector at the bottom of the Checkpoint® Controller and slide the jack behind the Strain Relief.

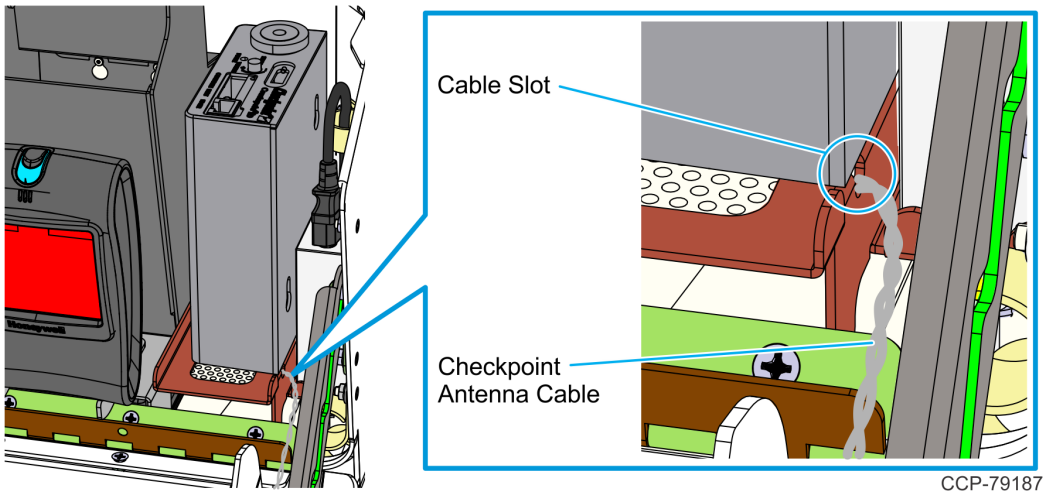


4. Install the Checkpoint® Controller.
   a. Route the Checkpoint® Signal Cable through the bottom access hole of the mounting bracket and partially route it through the p-loops beside the Checkpoint® Power Supply.

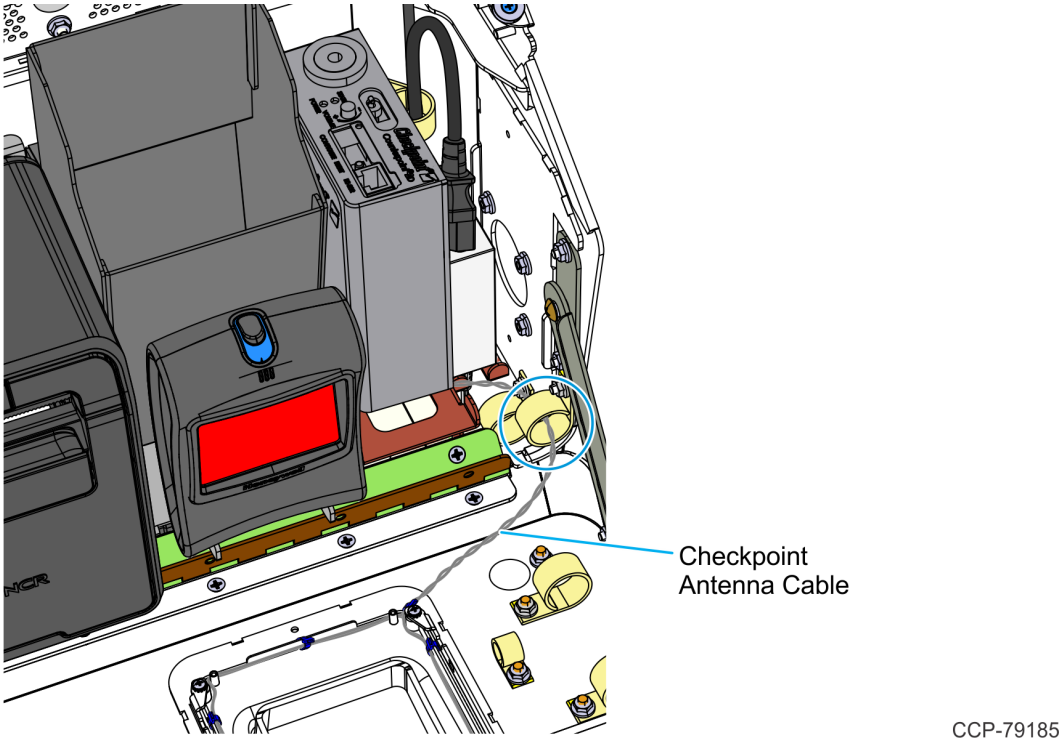


b. Position the Checkpoint® Antenna Cable onto the cable slot on the mounting bracket, and place the Checkpoint® Controller on the mounting bracket.

⚠ **Caution:** Ensure that no cables are pinched.

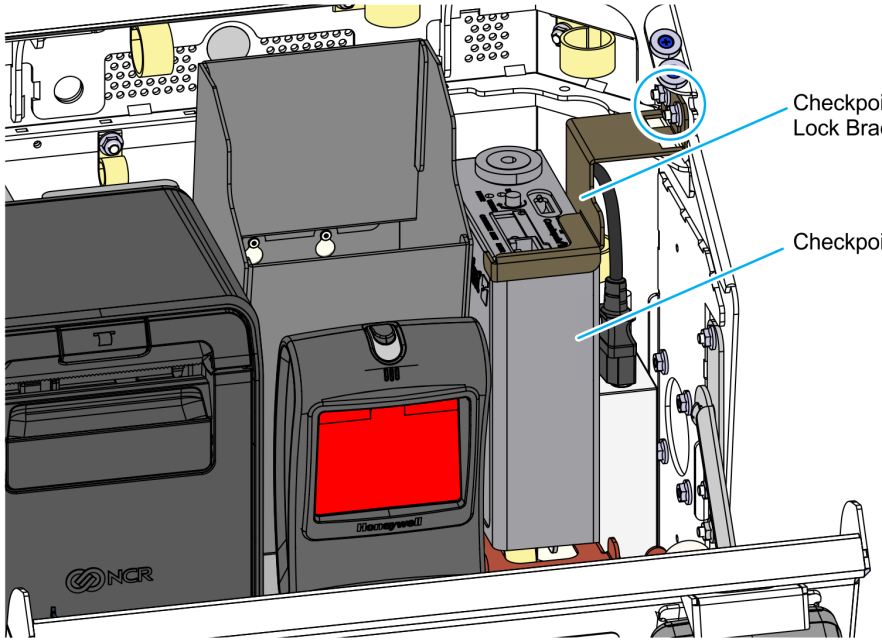


c. Route the Checkpoint® Antenna Cable through the p-loop indicated in the image, and then tuck the excess cable length under the Checkpoint® Controller mounting bracket.



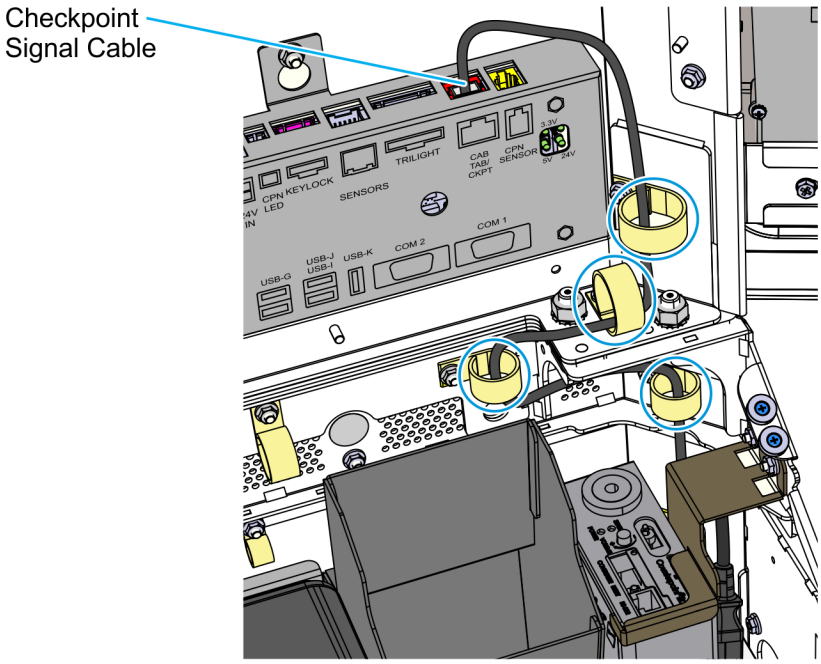
d. Using a cable tie, bundle any excess length of the DC Power Cable. Place the bundle underneath the Checkpoint® Controller mounting bracket.

e. Install the Checkpoint® lock bracket on the right inner side of the lower module and secure it with the two hex nuts.



CCP-78188

5. Connect the Checkpoint® Signal Cable connector to the **CKPT** connector on the I/O Adapter. Secure it with p-loops along its route.



CCP-79186