

Kit Instructions

Checkpoint Counterpoint, Small and Large
(R1.2 and R2.0)

7709-K730
Issue C



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Revision Record

Issue	Date	Remarks
A	Apr 2020	First Issue
B	Jun 2020	<ul style="list-style-type: none">• Updated procedure for removing the Sensormatic Backpack• Added procedure for re-installing the Imager Shield• Added procedure for routing cables out of the pedestal
C	Oct 2020	<ul style="list-style-type: none">• Added procedures for Datalogic 1500i Imaging Scanner

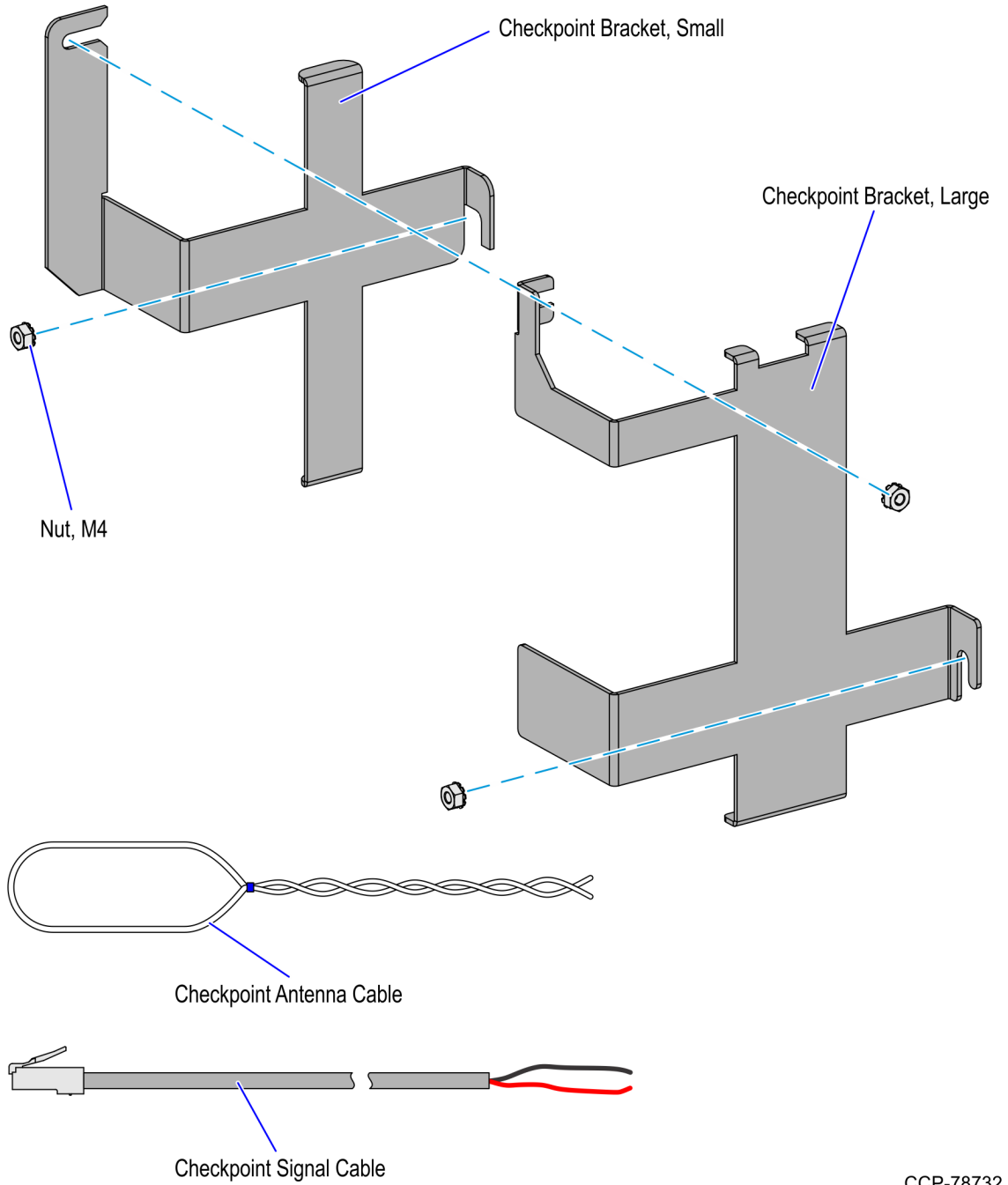
Checkpoint Counterpoint, Small and Large (R1.2 and R2.0)

This publication provides procedures for installing the Checkpoint Counterpoint kit on an NCR SelfServ™ 90 (7709) Kiosk.



Note: This kit is compatible with 7709 release versions R1.2 and R2.0 only.

Kit Contents



CCP-78732

Part Number	Description
497-0527818	7709-K730 Checkpoint Counterpoint, Small and Large
006-8611753	Nut, Kep, M4
497-0504486	Cable, Checkpoint Counterpoint ID

Part Number	Description
497-0504487	Cable, Antenna, Checkpoint Counterpoint ID
497-0519288	Bracket, Checkpoint, Small
497-0519286	Bracket, Checkpoint, Large
* 006-8623359	Bag, 2x2 Zip Lock
* 497-9999627	Bag, 12x12x24 inches, 2 Mil, Gusseted Poly
* 497-0504201	Carton Pack - 558 Series, 10x9x5 inches, Corrugated with Convuluted Foam
* 497-0423108	Instructions - Kit (Reference Sheet)

* Items marked with an asterisk are not called out on the image.

NCR 7709 R1.2 Installation Procedures



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

Installing the Checkpoint Counterpoint kit on an **NCR 7709 R1.2** unit involves the following procedures:


1. Open the NCR 7709 unit and disconnect all cables from the Motherboard. For more information, refer to [Opening the R1.2 Kiosk](#) on page 6.
2. Remove the Receipt Printer. For more information, refer to [Removing the Receipt Printer](#) on page 7.
3. If present, remove the Sensormatic Backpack. For more information, refer to [Removing the Sensormatic Backpack](#) on page 8.
4. Remove the Imaging Scanner. For more information, refer to [Removing the Imaging Scanner](#) on page 18.
5. If present, remove the Sensormatic Antenna. For more information, refer to [Removing the Sensormatic Antenna](#) on page 19.
6. Remove the PIN Pad. For more information, refer to [Removing the PIN Pad](#) on page 21.
7. Remove the Supervisor Switch. For more information, refer to [Removing the Supervisor Switch](#) on page 24.
8. Remove the Coupon Sensors. For more information, refer to [Removing the Coupon Sensors](#) on page 25.
9. Remove the Display Head. For more information, refer to [Removing the Display Head](#) on page 26.
10. Remove the Printer Z-shaped and Sensormatic brackets. For more information, refer to [Removing the Printer Z-shaped Bracket and Sensormatic Brackets](#) on page 28.
11. Install the Checkpoint Antenna Cable. For more information, refer to [Installing the Checkpoint Antenna Cable](#) on page 29.
12. Re-install the Printer Z-shaped Bracket. For more information, refer to [Installing the Printer Z-shaped Bracket and Sensormatic Brackets](#) on page 30.
13. Re-install the Display Head. For more information, refer to [Installing the Display Head](#) on page 31.
14. Re-install the Coupon Sensors. For more information, refer to [Installing the Coupon Sensors](#) on page 33.
15. Re-install the Supervisor Switch. For more information, refer to [Installing the Supervisor Switch](#) on page 34.
16. Re-install the PIN Pad. For more information, refer to [Installing the PIN Pad](#) on page 36.

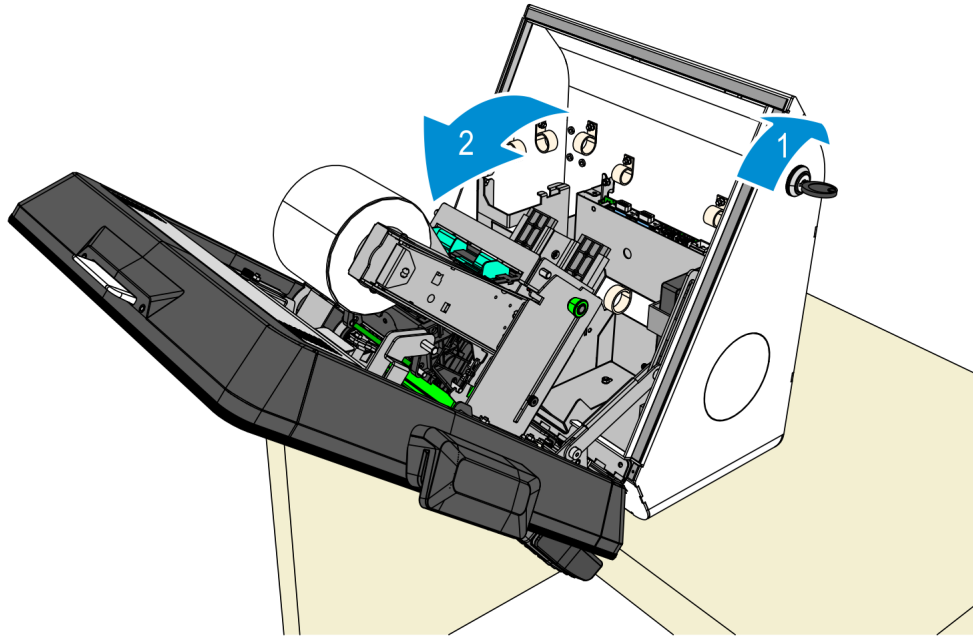
17. Re-install the Imager Shield Assembly. For more information, refer to [Installing the Imager Shield](#) on page 39.
18. Re-install Imaging Scanner. For more information, refer to [Installing the Imager Scanner](#) on page 41.
19. Re-install Receipt Printer. For more information, refer to [Installing the Receipt Printer](#) on page 43
20. Reconnect all cables to the Motherboard. For more information, refer to [Connecting Cables](#) on page 45.
21. Install the Checkpoint Controller and the Checkpoint Power Supply. For more information, refer to [Installing the Checkpoint Controller and Power Supply](#) on page 47.
22. For Pedestal Mount, route the cables out of the pedestal. For more information, refer to [Routing Cables for Pedestal Mount](#) on page 56.

Opening the R1.2 Kiosk

To access the kiosk components, follow this step:

- Insert the key into the lock at the right-hand side of the kiosk, turn the key clockwise and then, carefully open the front of the kiosk.

 **Caution:** Do NOT abruptly open and release the front of the kiosk. Hold and support the front of the kiosk until fully extended.



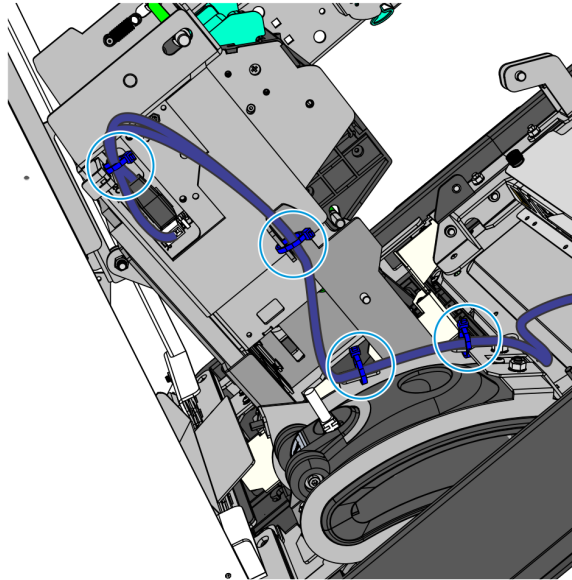
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Removing the Receipt Printer

1. Remove the cable ties that secure the Receipt Printer Cable and other cables to the Printer Bracket and the Imager Bracket.

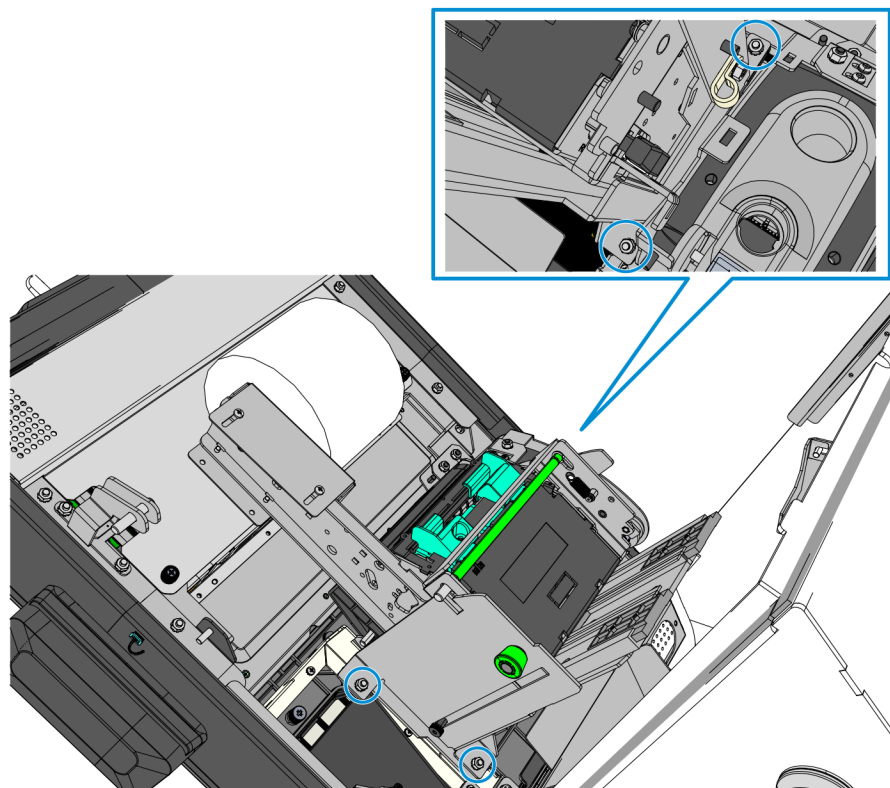


Note: Other cables are not shown in the image.



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2. Remove the four nuts that secure the Receipt Printer assembly to the kiosk.



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Removing the Sensormatic Backpack

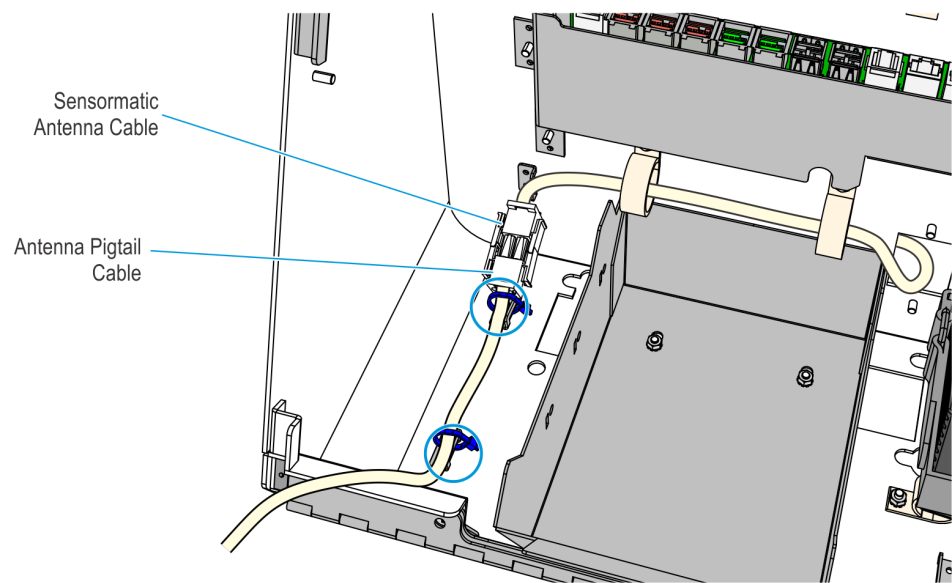


Caution: Make sure that the Sensormatic Controller is powered OFF. Do NOT connect or disconnect the Sensormatic Cables or Antenna from the Sensormatic Controller when power is ON as this could damage the controller.



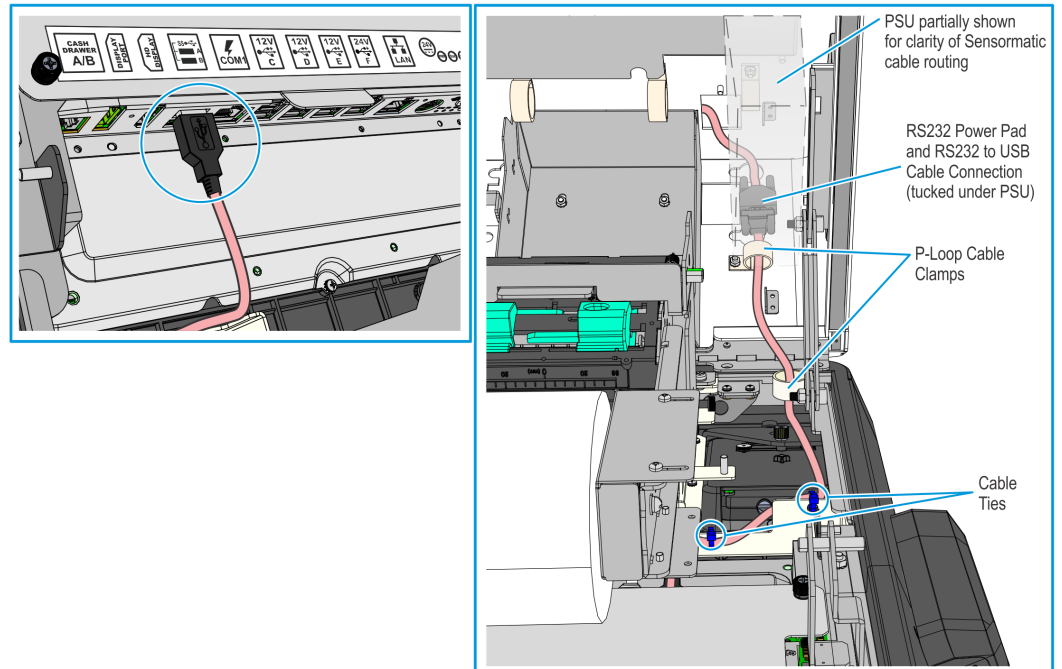
Note: The Sensormatic Backpack is present only in pedestal configurations. To clearly view the components inside the kiosk cabinet, the display head and the power supply are not shown in some illustrations.

1. Disconnect and remove the Sensormatic Antenna Pigtail Cable.
 - a. Disconnect the Sensormatic Antenna Pigtail Cable from the Antenna Cable. Remove the cables ties.



- b. Route the Antenna Cable out of the kiosk.

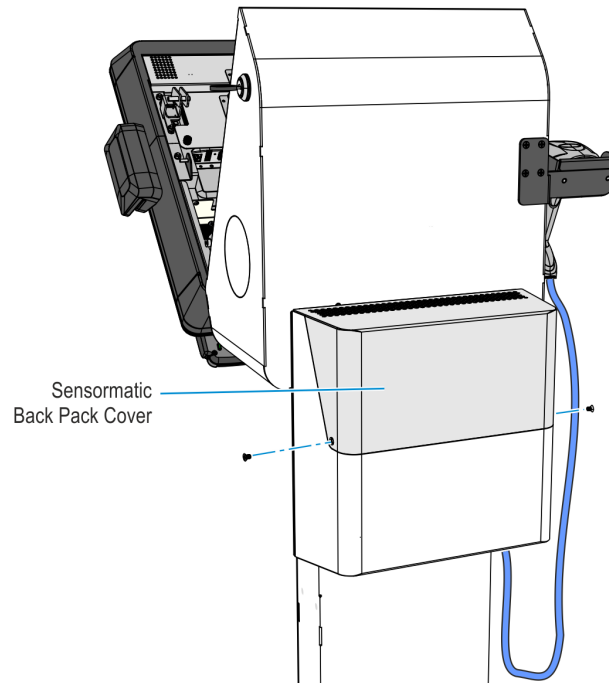
2. Disconnect and remove the USB-to-Serial Cable.
 - a. Disconnect the USB connector of the USB-to-Serial Cable from the **USB A** port of the motherboard. Remove the cable ties.



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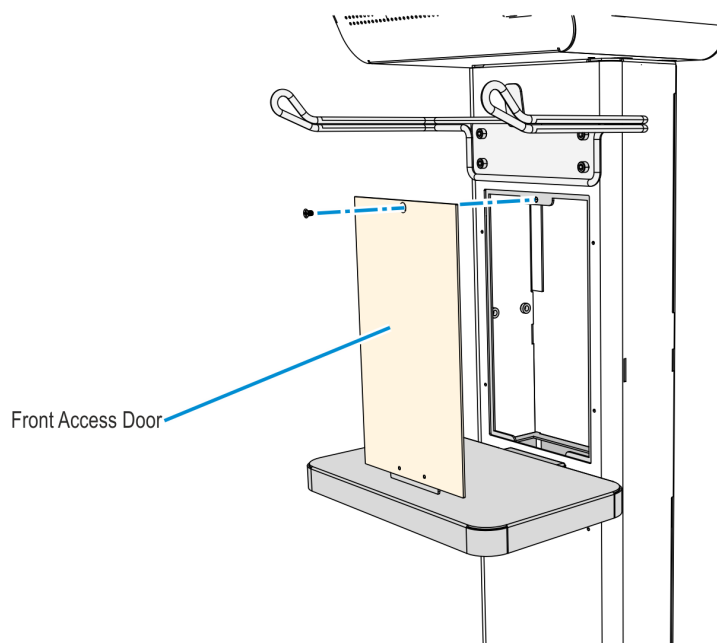
- b. Route the USB-to-Serial Cable and the RS-232 Power Pad Cable out of the kiosk.

3. Remove the Sensormatic Controller from the Sensormatic Backpack.
 - a. Remove the screws (one on each side) that secure the Sensormatic Cover to the case.



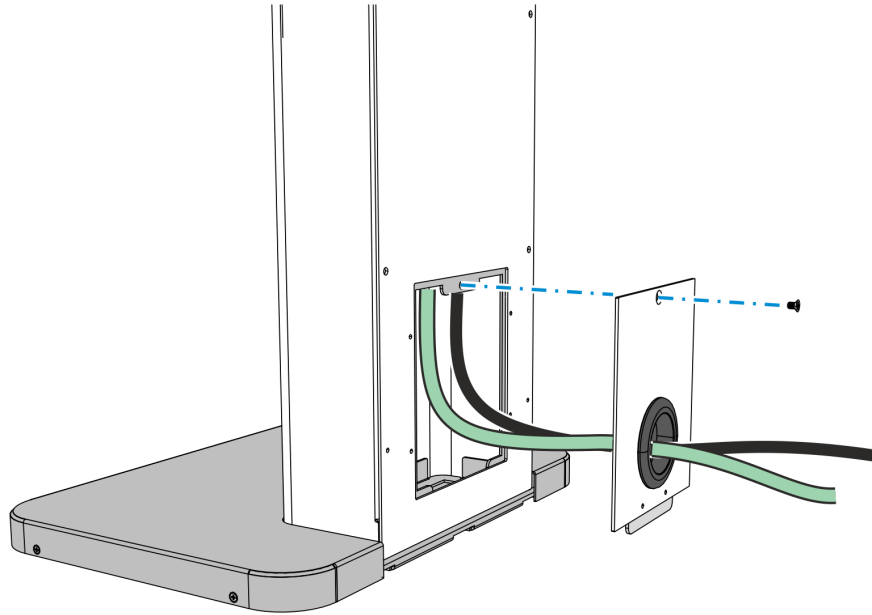
CCP-73732

- b. Remove the Sensormatic Controller and its cables from the case.
4. To easily guide the cables back into or out of the kiosk head, remove the Front Access Door of the pedestal by removing the screw that secures it to the pedestal.



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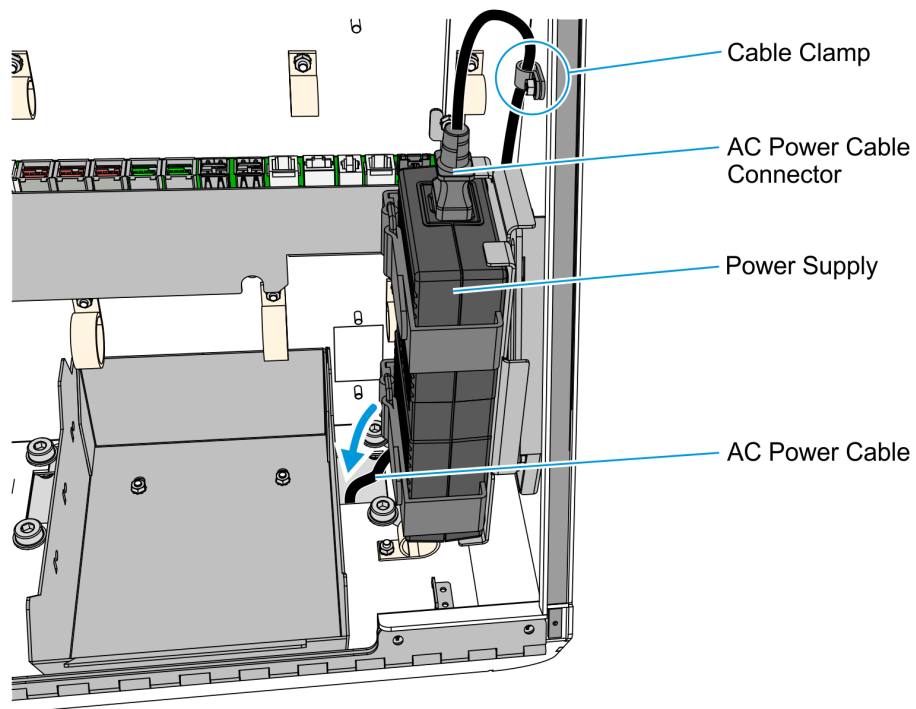
5. Pull the LAN Cable back into the kiosk head.
 - a. Remove the Rear Access Door of the pedestal by removing the screw that secures it to the pedestal.



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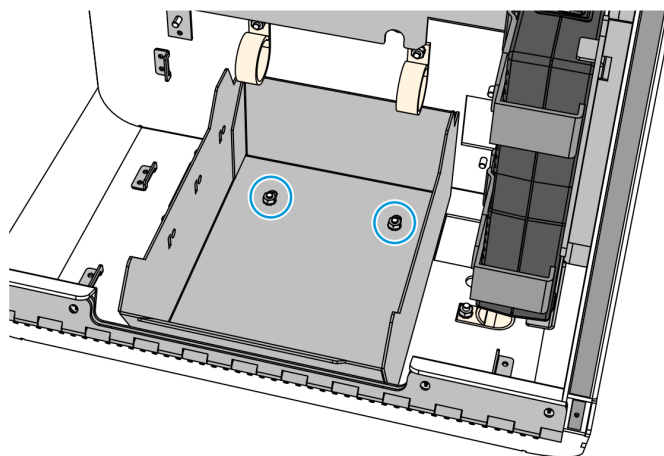
- b. Remove the LAN cable from the Rear Access Door and place it inside the pedestal.
 - c. Inside the kiosk head, carefully pull the LAN cable through the bottom access hole and into the kiosk head.

6. Pull the AC Power Cable out of the kiosk head.



CCP-79157

- a. Remove the nut that secure the cable clamp to the cabinet, and then remove the AC Power Cable from the cable clamp.
 - b. Disconnect the AC Power Cable from the Power Supply Unit, route the AC Power Cable down into the pedestal, and temporarily rest it on the front access hole of the pedestal.
7. Remove the Coupon Bin by removing the two hex nuts that secure it to the kiosk cabinet.

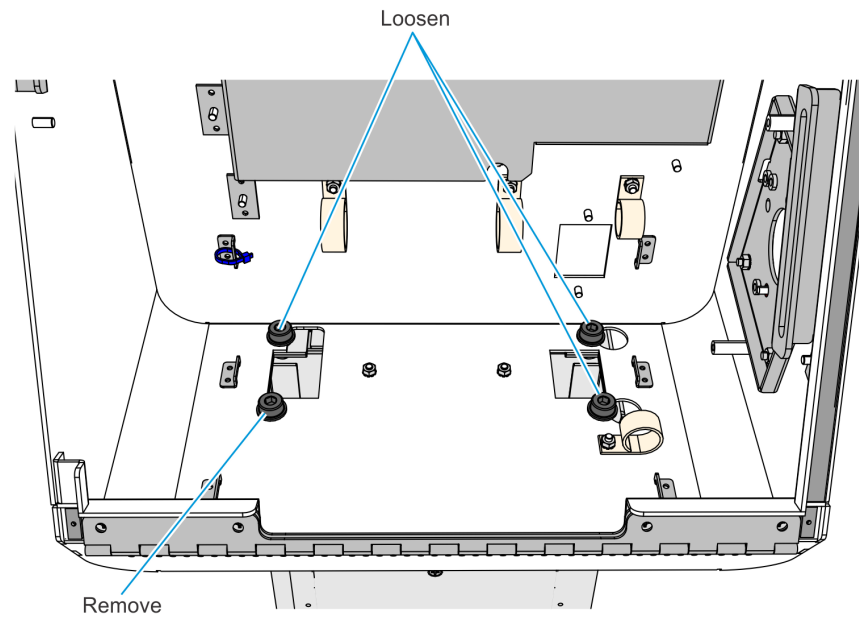


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8. Remove the kiosk head and the Sensormatic Backpack.
 - a. Remove one screw and loosen three screws that secure the kiosk to the pedestal.

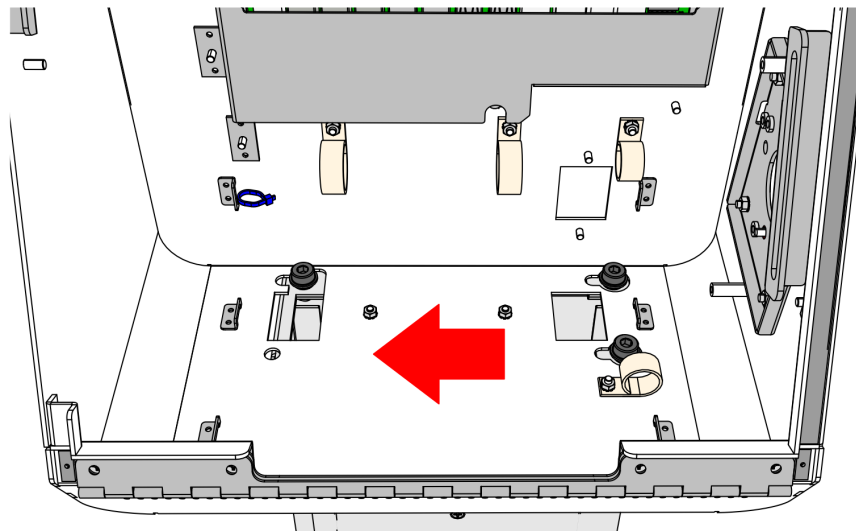


Caution: When loosening and removing the screws that secure the kiosk head and the Sensormatic Backpack to the pedestal, make sure that they are properly supported and will not fall off the pedestal.



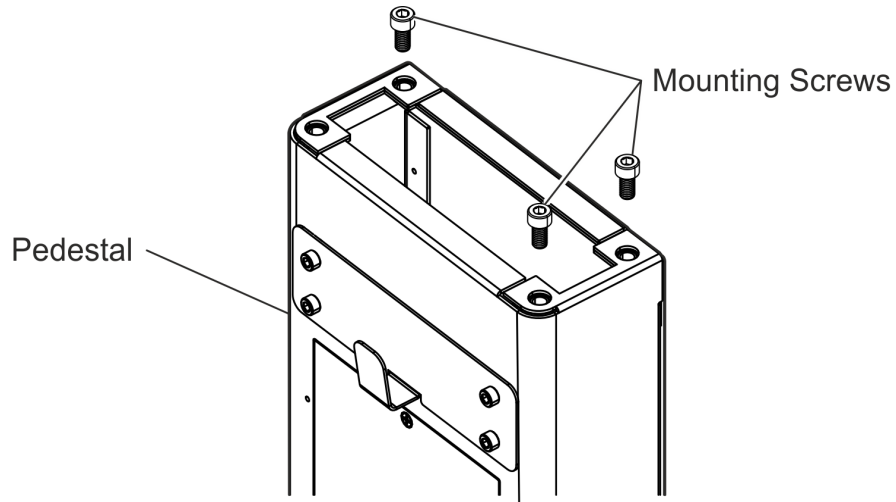
CCP-79158

- b. Slide the kiosk head to the left and lift it off of the pedestal.



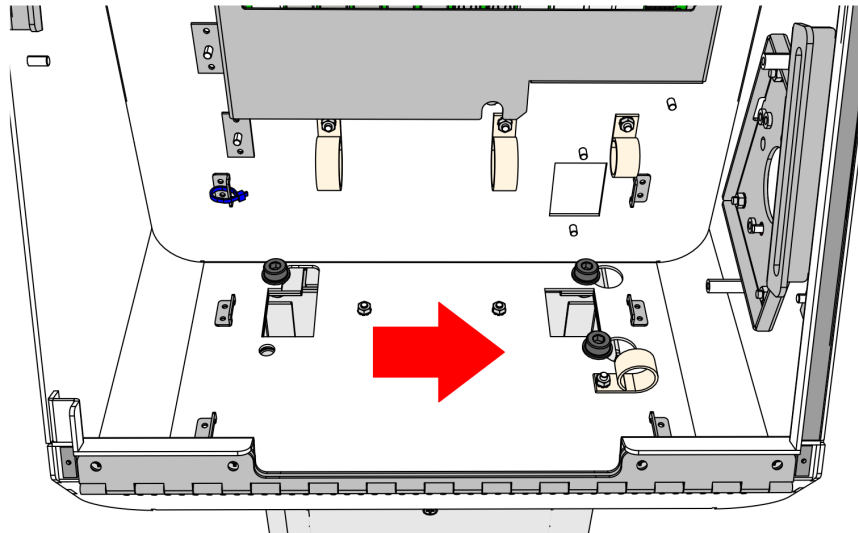
CCP-79160

- c. Remove the three remaining mounting screws that secure the Sensormatic Backpack to the pedestal, and then lift the Sensormatic Backpack off the pedestal.
9. Re-install the kiosk head onto the pedestal.
 - a. Install three mounting screws on the pedestal as shown in the following illustration. Do not tighten them to leave room for the kiosk head to slide under the screw heads and lock-washers.



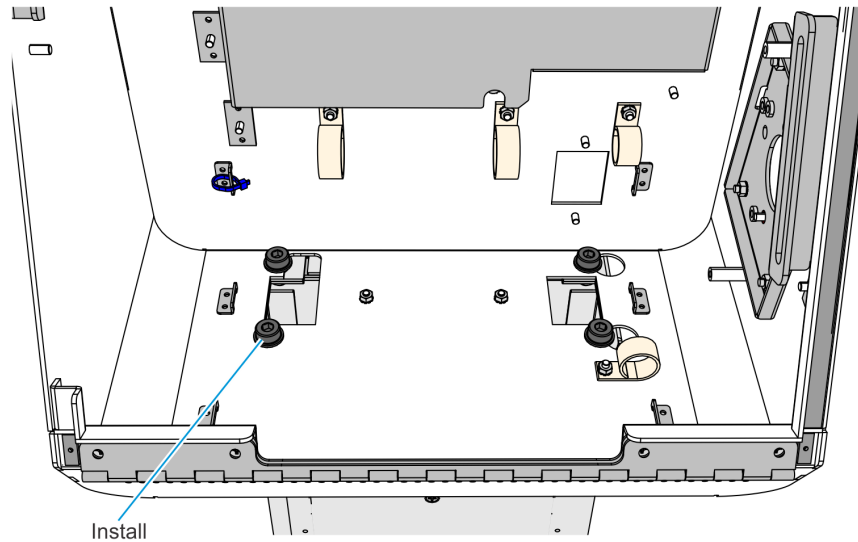
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- b. Align the three mounting holes on the base of the kiosk with the three mounting screws on the pedestal, and then slide the kiosk to the right to lock it in place.



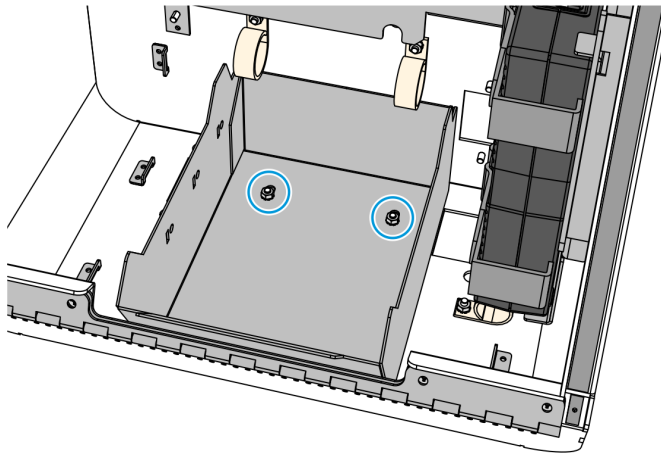
CCP-79159

- c. Install one mounting screw through the remaining mounting hole, and then tighten all four mounting screws.



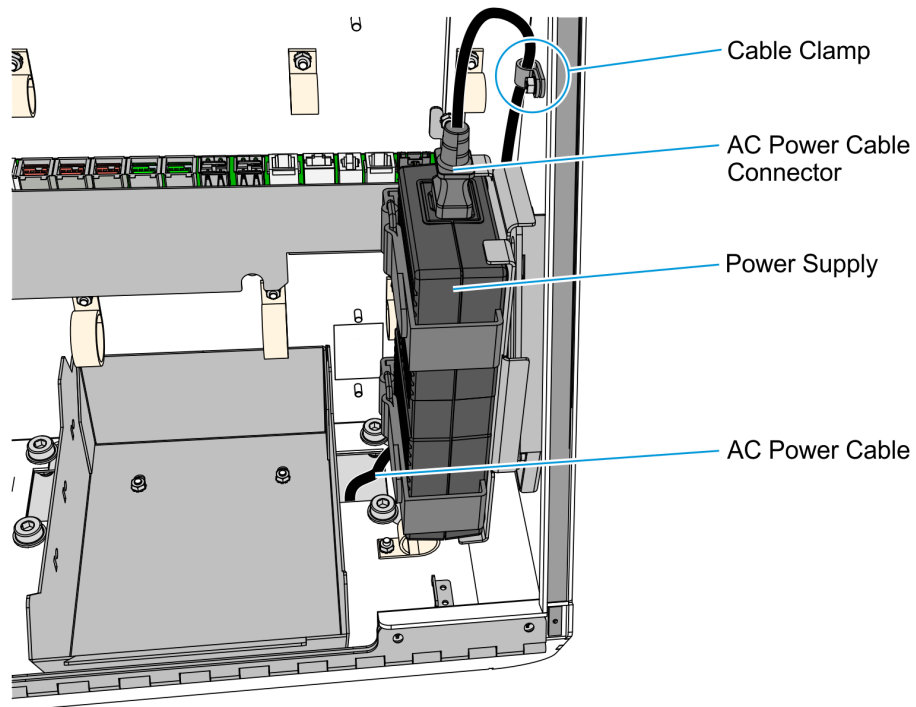
CCP-79161

- 10. Re-install the Coupon Bin on the kiosk cabinet and secure it using the two hex nuts.



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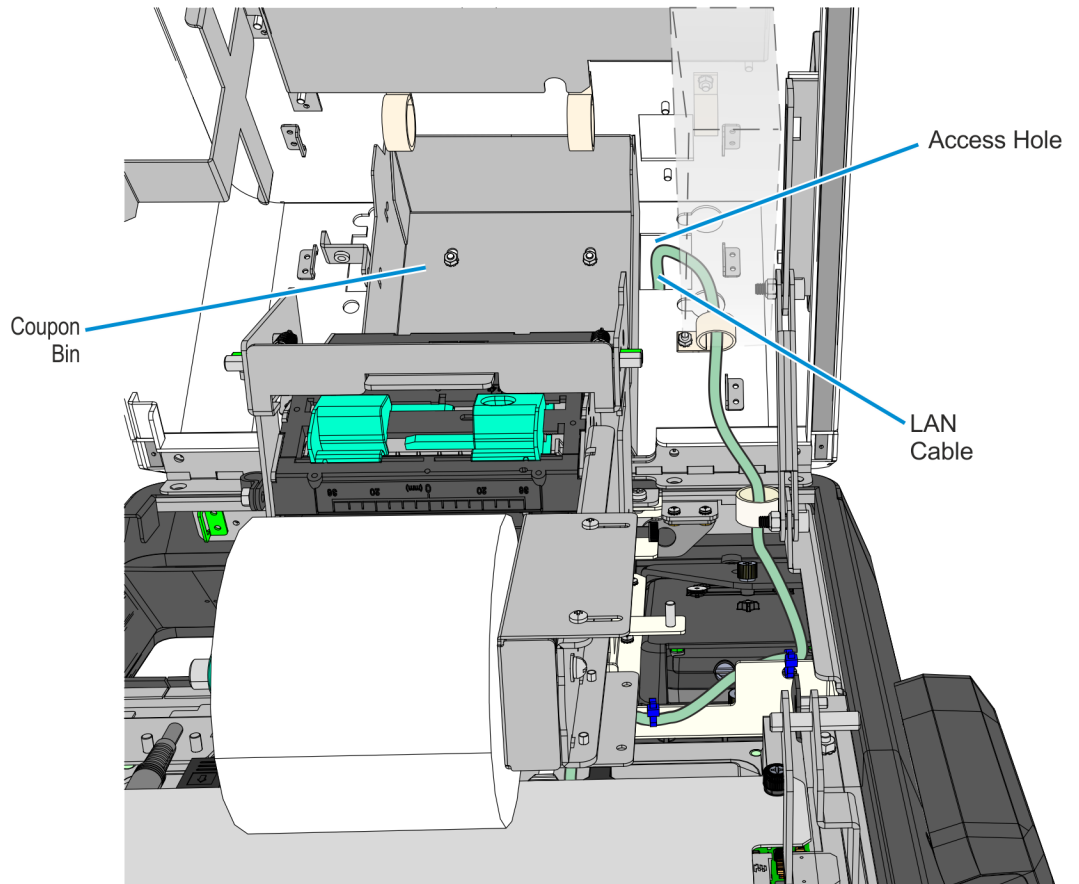
11. Reconnect the AC Power Cable to the Power Supply Unit.



CCP-79163

- a. Route the AC Power Cable back into the kiosk head, through the bottom access hole, and connect it to the Power Supply Unit.
- b. Insert the AC Power Cable into the cable clamp and then use a nut to secure the cable clamp to the cabinet.

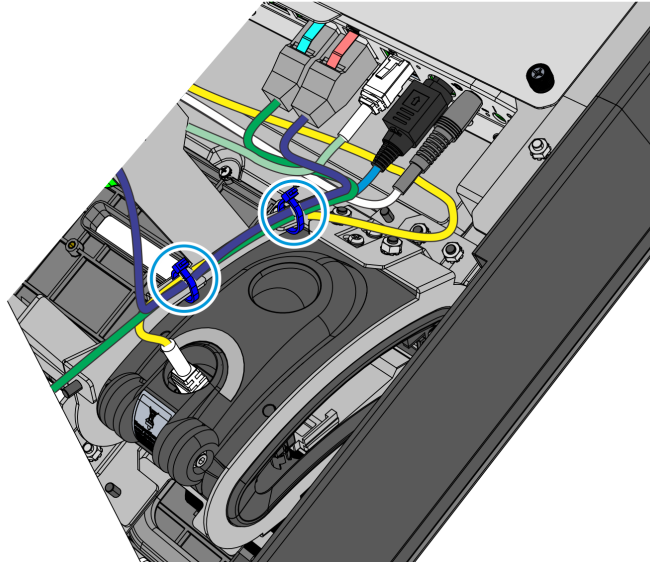
12. Route the LAN cable towards the bottom of the Pedestal through the access hole on the right-hand side of the Coupon Bin.



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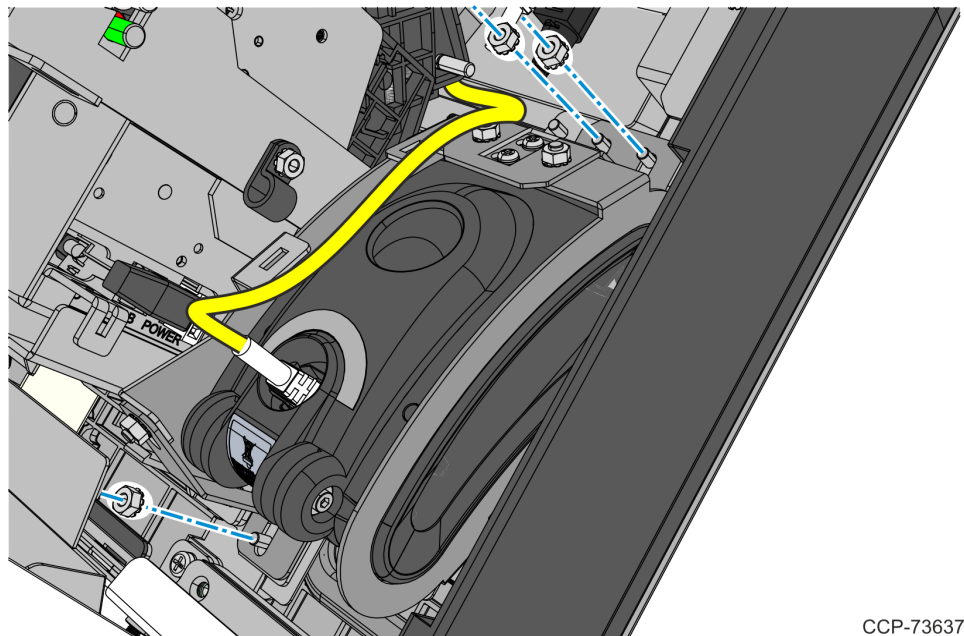
Removing the Imaging Scanner

1. Disconnect the Imaging Scanner Cable from the motherboard, and cut off the cable ties securing the cables routed at the back of the scanner.



CCP-78446

2. Remove the three nuts securing the Imager to the kiosk and then lift the imager out of its mounting area.

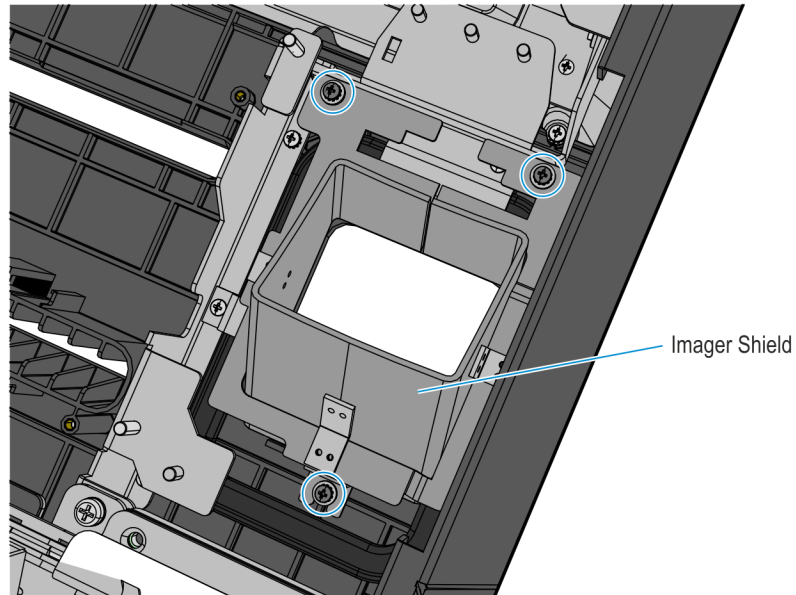


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Removing the Sensormatic Antenna

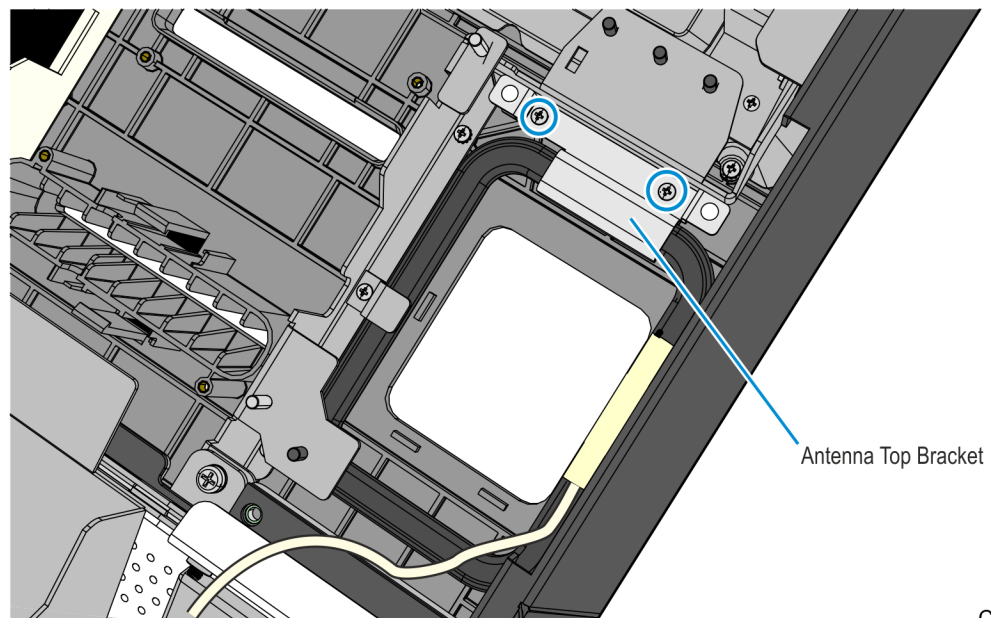
1. Remove three screws and washers securing the Imager Shield assembly and then remove the assembly from the kiosk.

! Important: Do not throw away the washers. Keep the washers and use these when re-installing the Imager Shield.



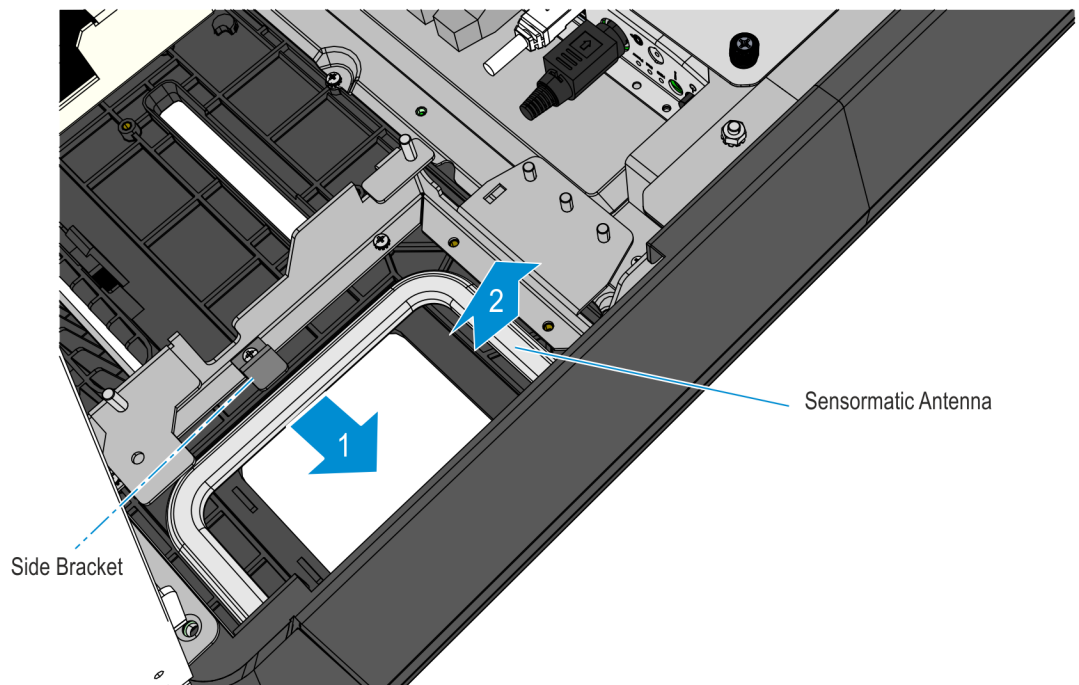
CCP-73178

2. Remove the antenna top bracket by removing two screws.



CCP-73179

- Slide the Sensormatic antenna away from its side bracket and lift it out of the kiosk head.



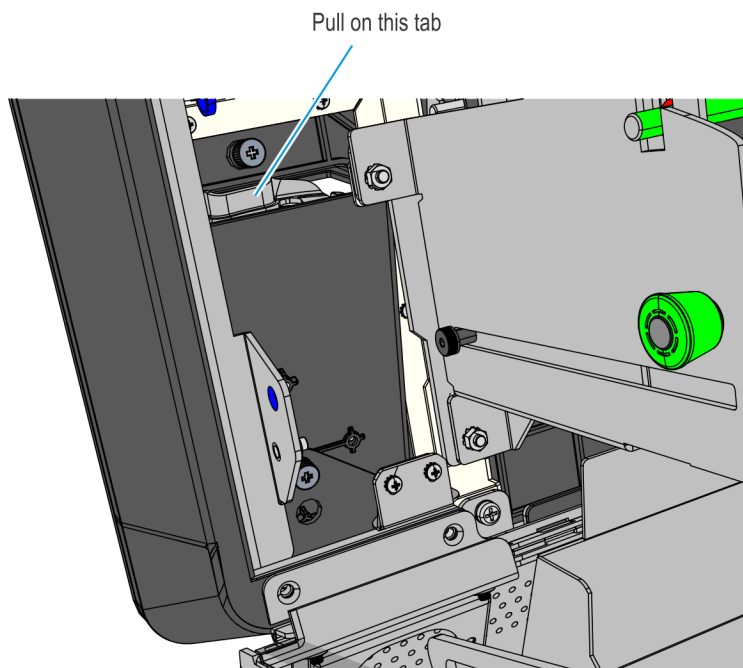
Removing the PIN Pad

Refer to the following for procedures in removing the PIN Pad from **NCR 7709 R1.2** units:

- [Removing the Ingenico IPP320/350 PIN Pad](#) below
- [Removing the Verifone VX805/820 PIN Pad](#) on page 23

Removing the Ingenico IPP320/350 PIN Pad

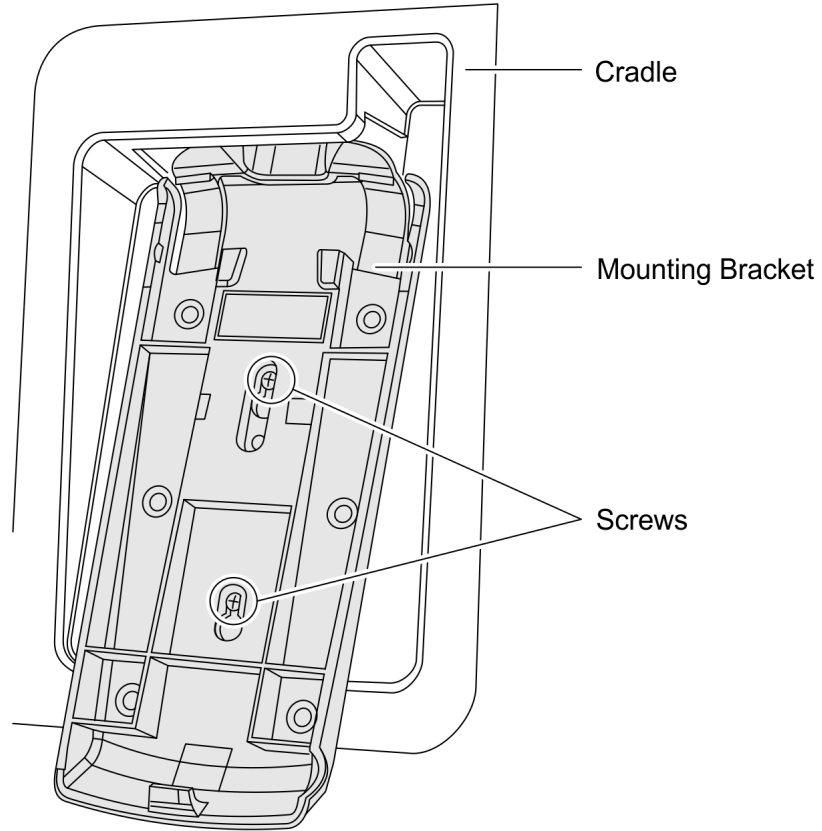
1. While holding the PIN Pad from outside of the kiosk, pull on the tab on the upper portion of the Mounting Bracket (accessed from the inside of the kiosk), and then remove the PIN Pad.



CCP-77992

2. Disconnect the PIN Pad Cable from the PIN Pad.

- Loosen the two screws that secure the Mounting Bracket to the PIN Pad Cradle.

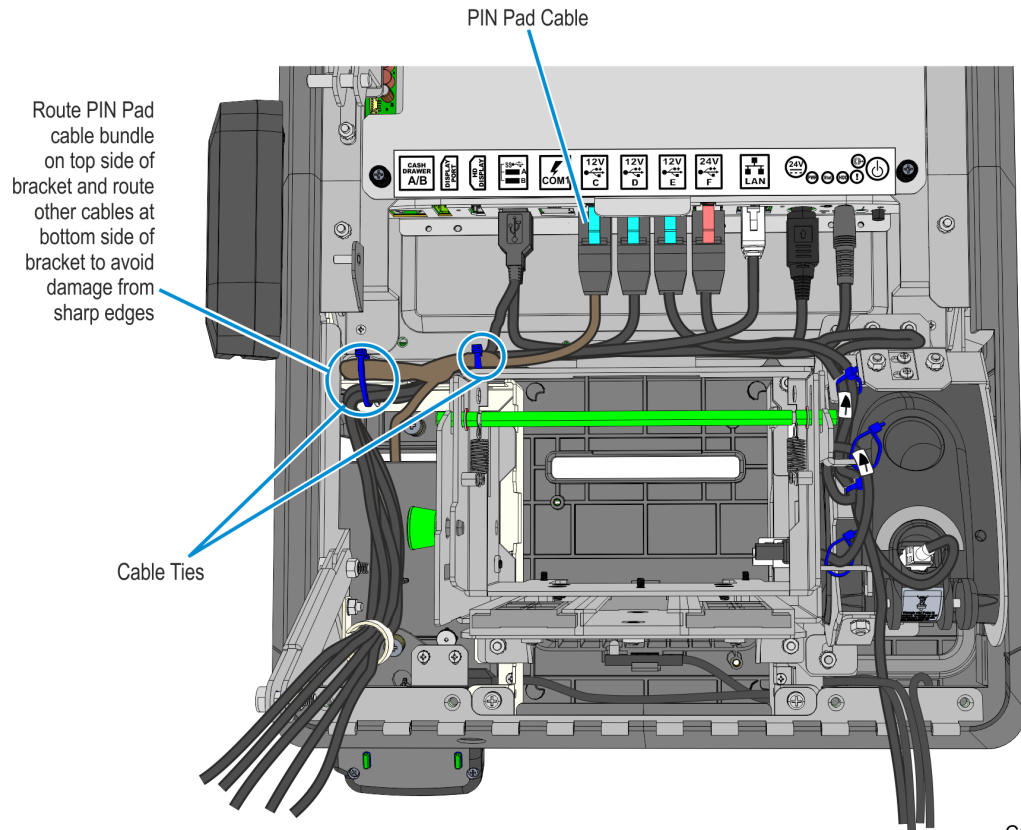


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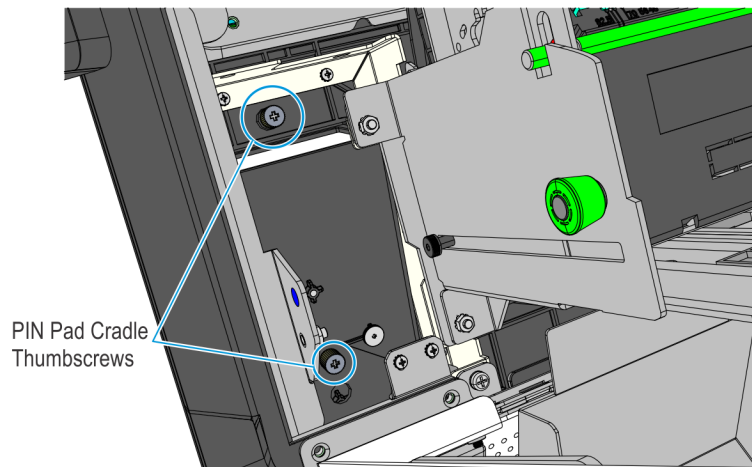
- Slide up and remove the Mounting Bracket.

Removing the Verifone VX805/820 PIN Pad

1. Disconnect the PIN Pad Cable from the Motherboard and cut off cable ties as necessary.



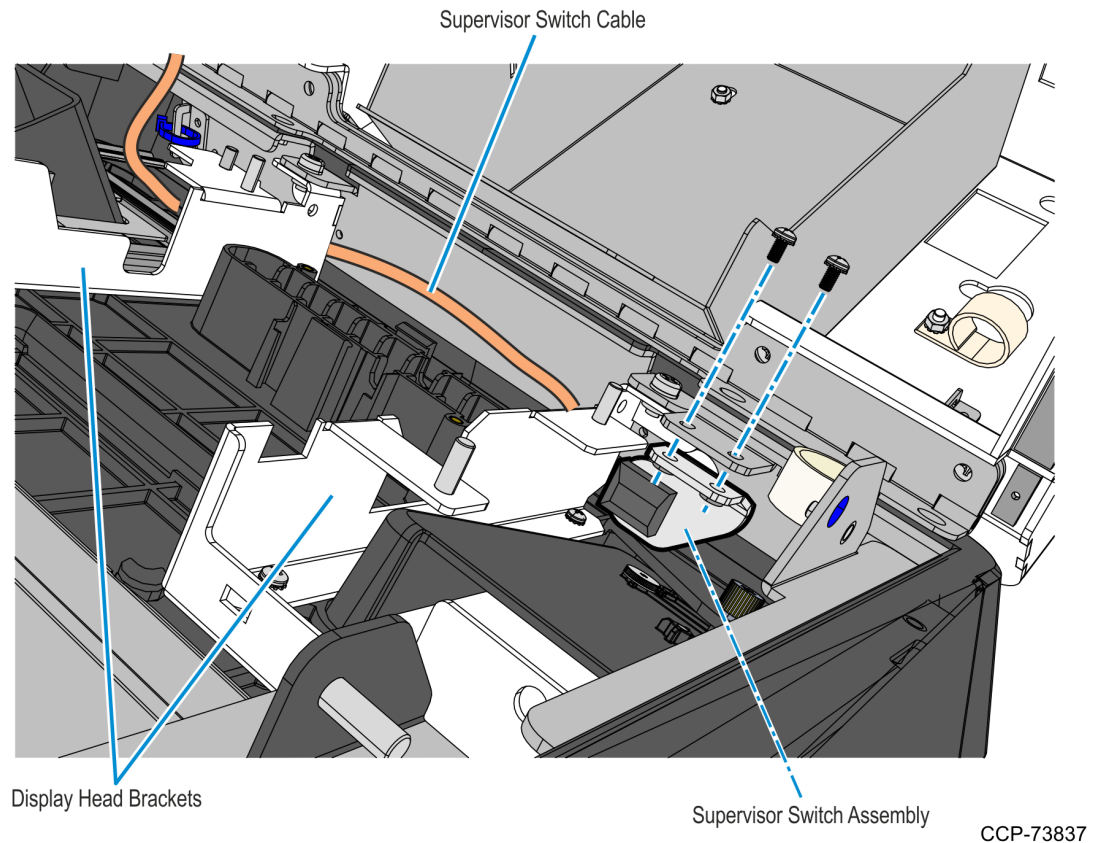
2. While holding the PIN Pad from outside the Kiosk, loosen the two thumb screws securing the PIN Pad Cradle to the Display Head and then remove the PIN Pad and PIN Pad Cradle Assembly.



3. Remove the two screws securing the PIN Pad to the PIN Pad Cradle.
4. Disconnect the PIN Pad Cable from the PIN pad.

Removing the Supervisor Switch

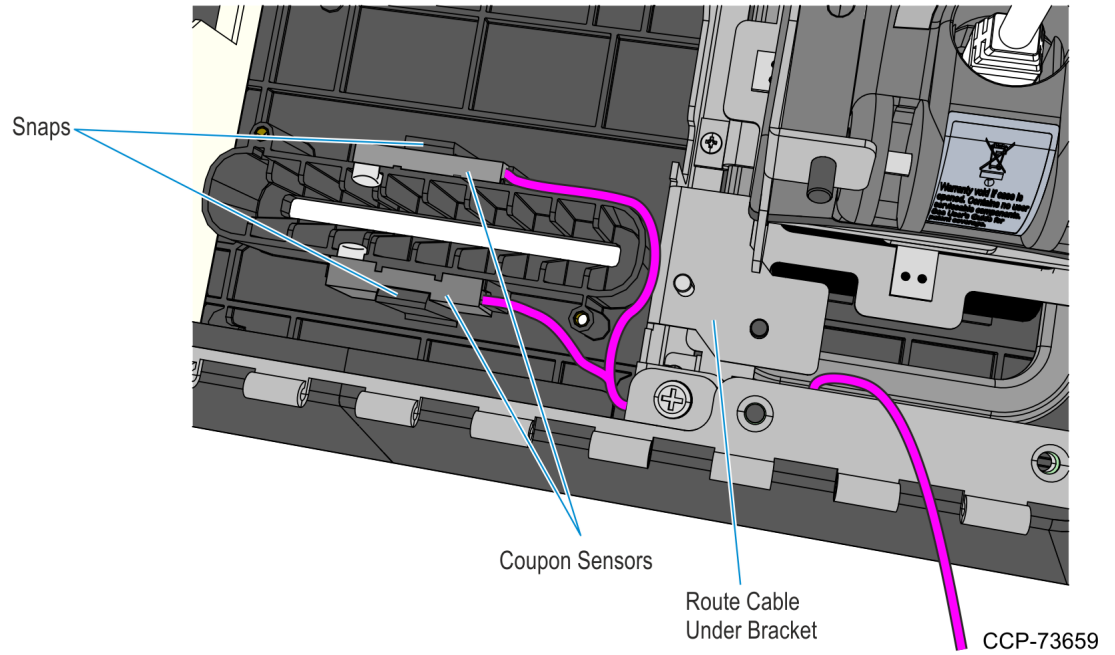
1. Remove the two M4 screws securing the Supervisor Switch assembly to the Display Head and route out the cable from under the two Display Head Brackets shown below.



2. Remove cable tie that secures the Supervisor Switch cable to the Display Head, and then temporarily place the Supervisor Switch assembly inside the main cabinet.

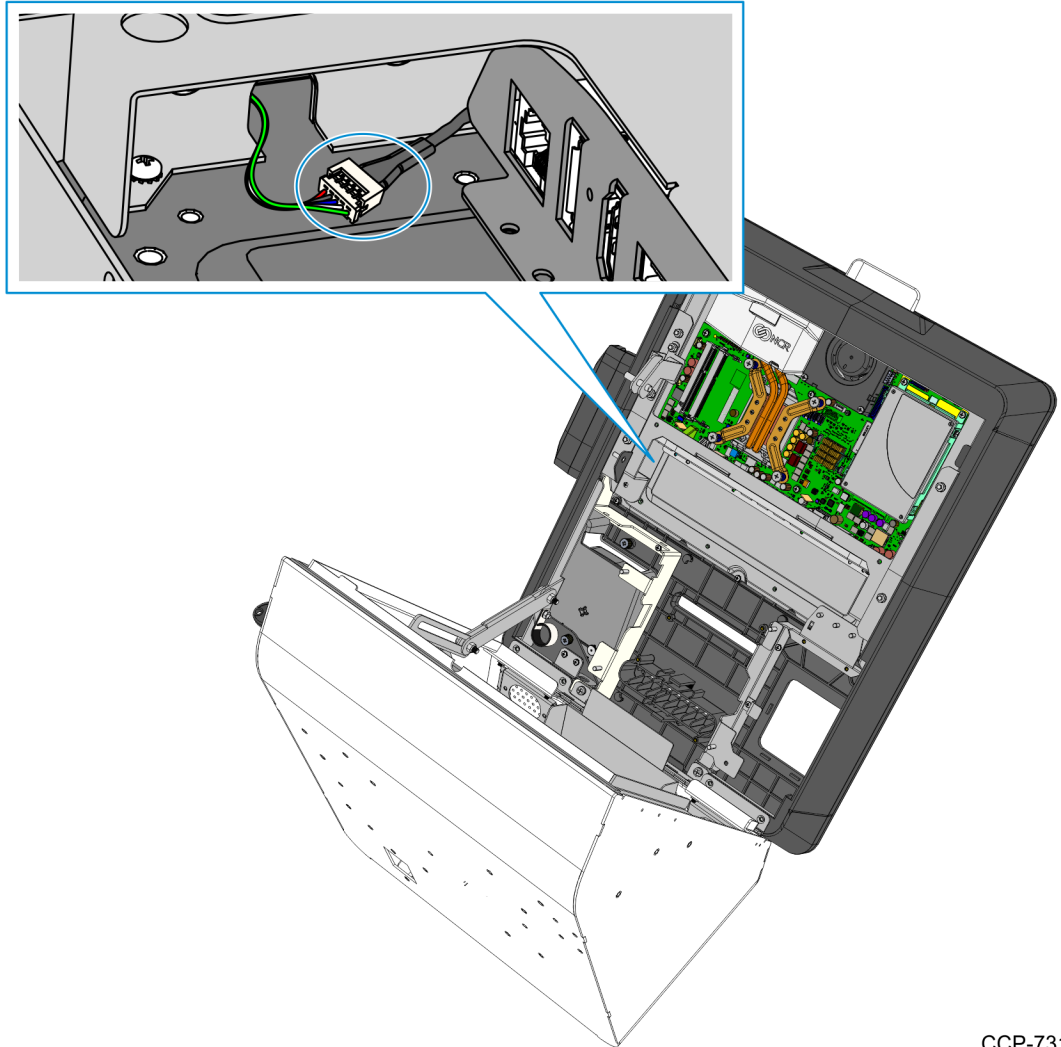
Removing the Coupon Sensors

- Remove the Coupon Sensors from the Cable Snaps and route the cable out of the bracket.



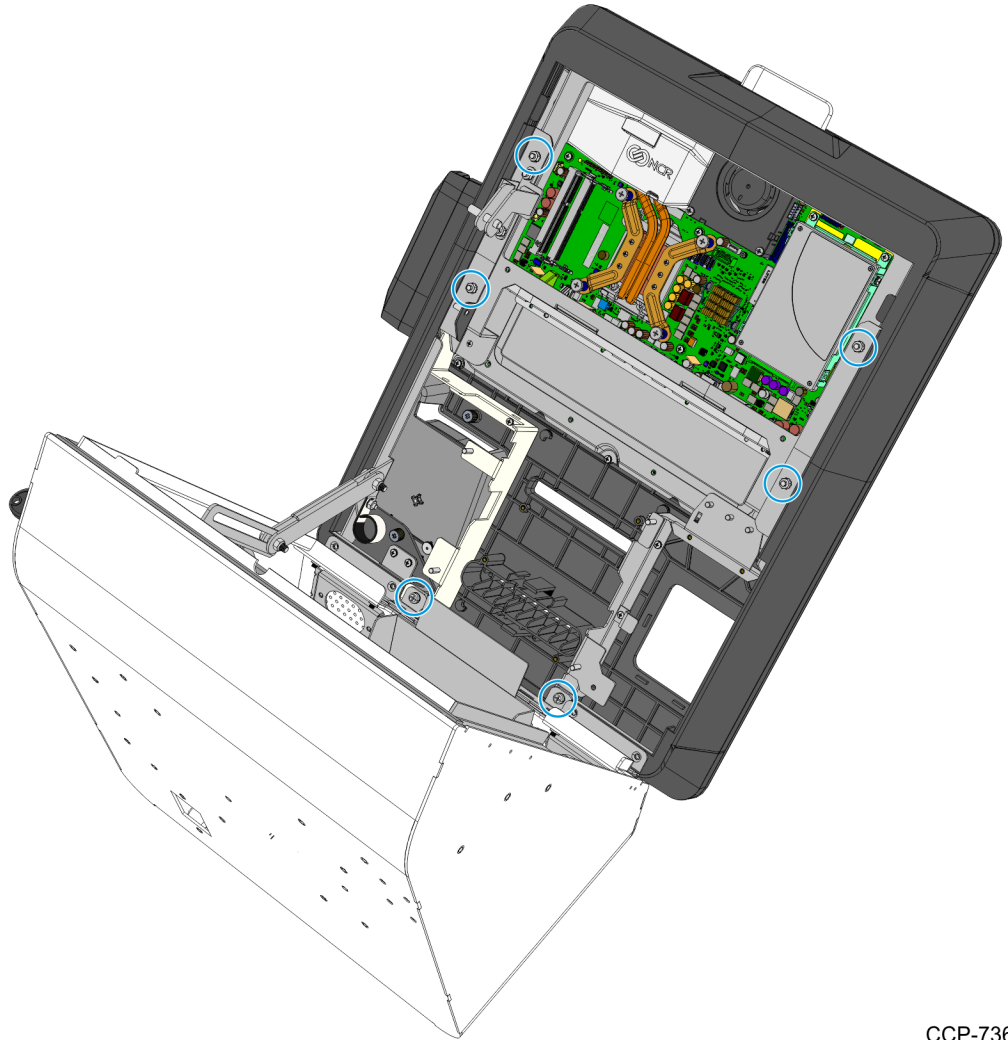
Removing the Display Head

1. Underneath the left-hand motherboard cover bracket, disconnect the MSR cable from its extension cable.



2. While supporting the Motherboard and Display assembly on the front side, remove the following:

- two nuts on the right-hand side bracket
- two nuts on the left-hand side bracket
- two screws on the bottom brackets.



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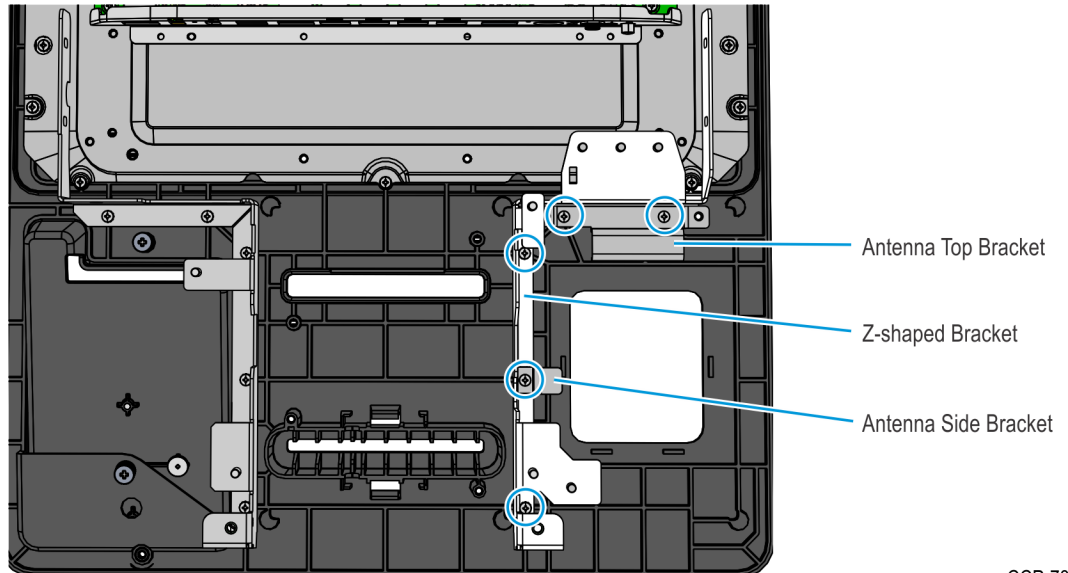
3. Carefully place the front the kiosk on a flat surface cushioned with bubble wrap or soft cloth.



Caution: Be careful not to scratch nor damage the display.

Removing the Printer Z-shaped Bracket and Sensormatic Brackets

- Remove the screws that secure the Printer Z-shaped Bracket and the Sensormatic Brackets (if present) to the back of the display.



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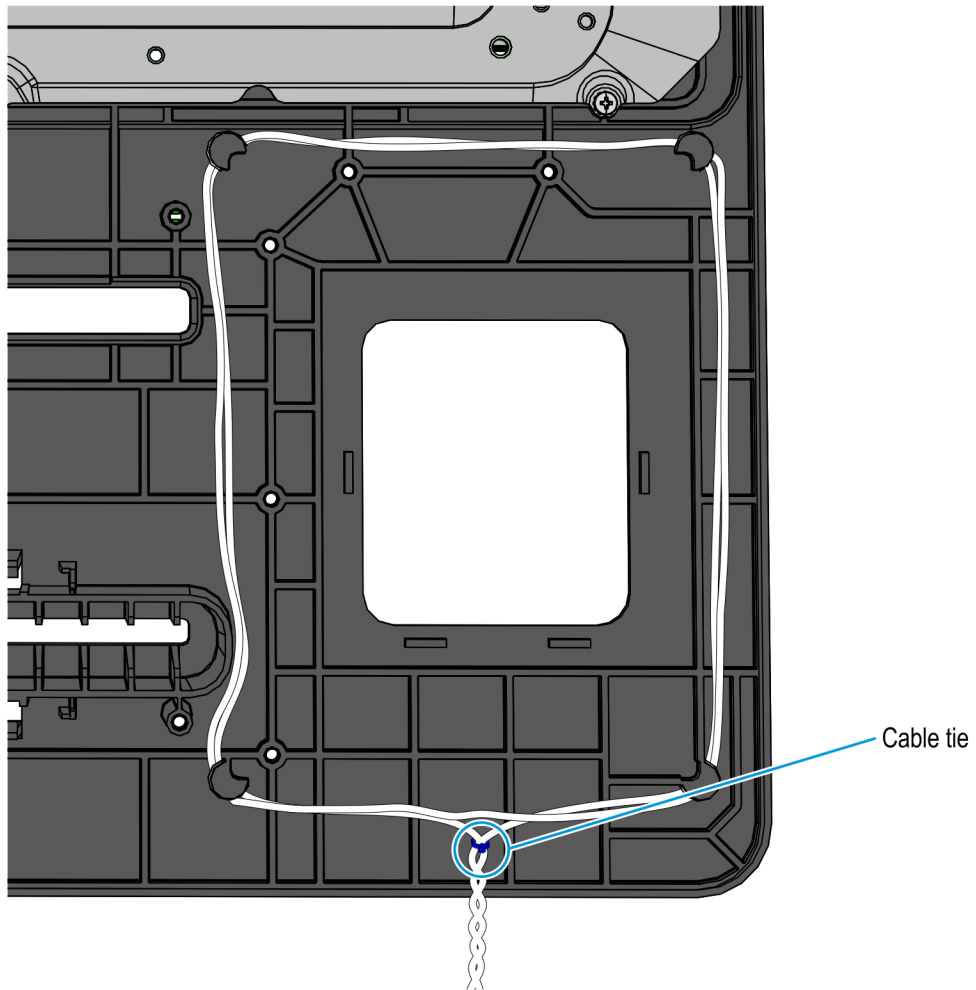
Note: If the kiosk previously includes the Sensormatic Antenna feature, the Sensormatic Antenna Top Bracket is removed before removing the Sensormatic Antenna. For more information, refer to [Removing the Sensormatic Antenna](#) on page 19.

Installing the Checkpoint Antenna Cable

- Loop the Checkpoint Antenna Cable **twice** around the scanning window, positioning the cable tie on the bottom of the loop.

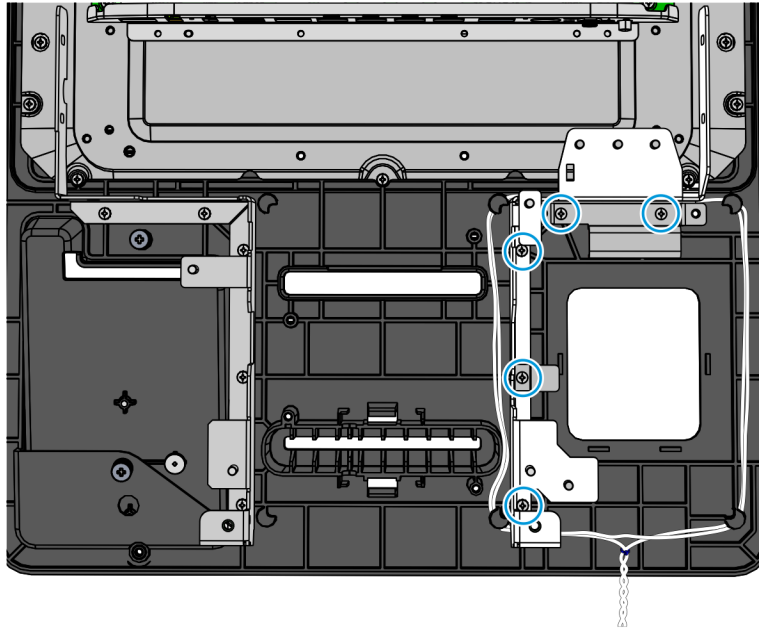


Note: If the cable loop is too tight, pull the cable tie downward and adjust the loop.



Installing the Printer Z-shaped Bracket and Sensormatic Brackets

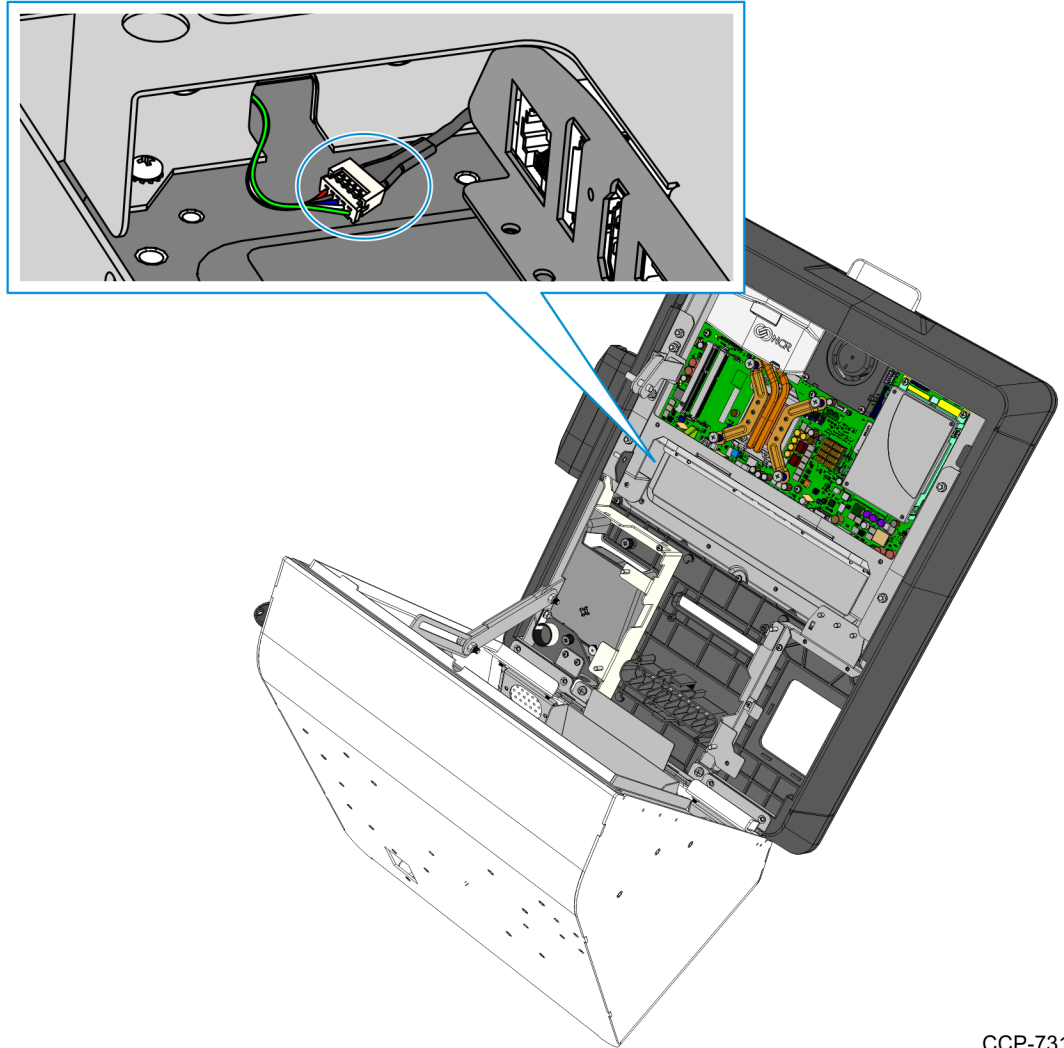
- Re-install the Printer Z-shaped Bracket and the Sensormatic Brackets (if present), and then secure with five screws.



CCP-78731

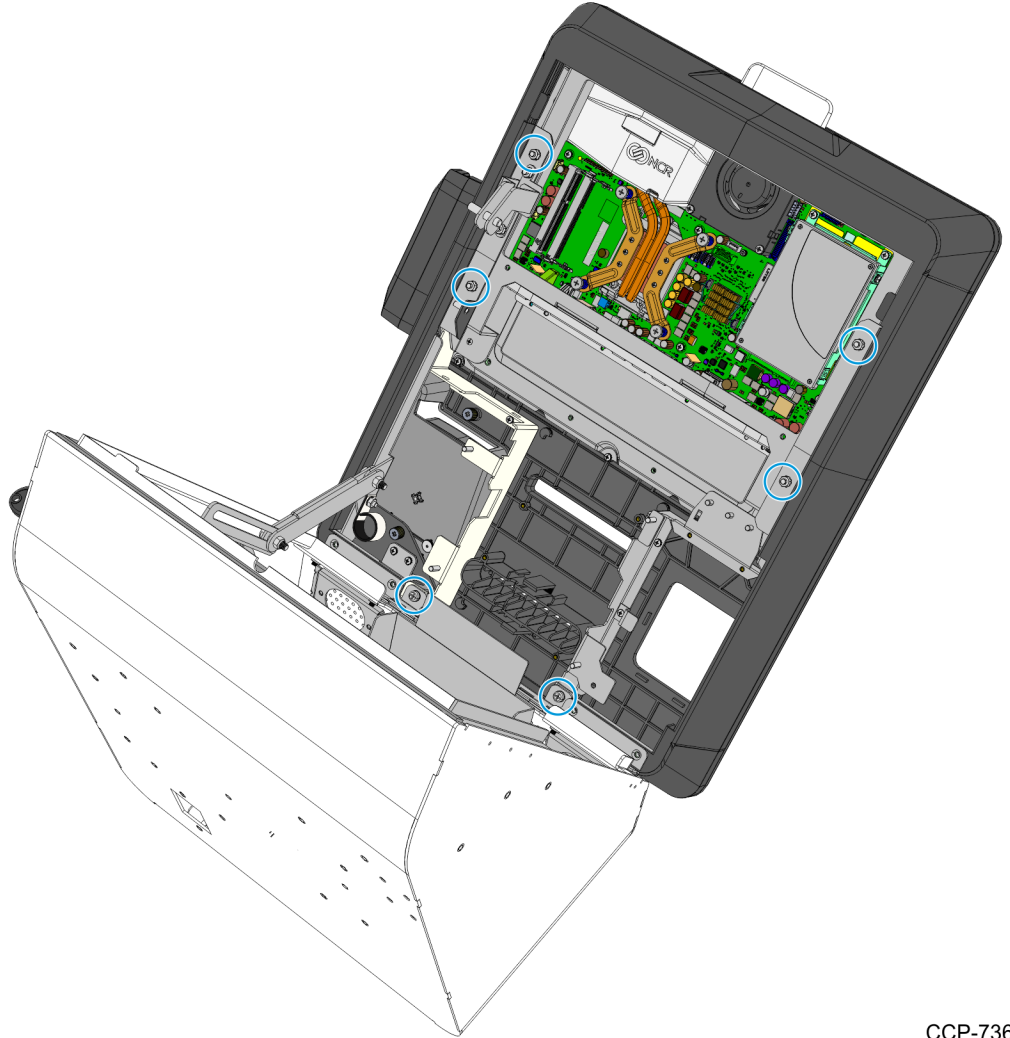
Installing the Display Head

1. Position the Display Head assembly in front of the Display Rear Cover, inserting the MSR cable into the access hole of the Motherboard Bracket.



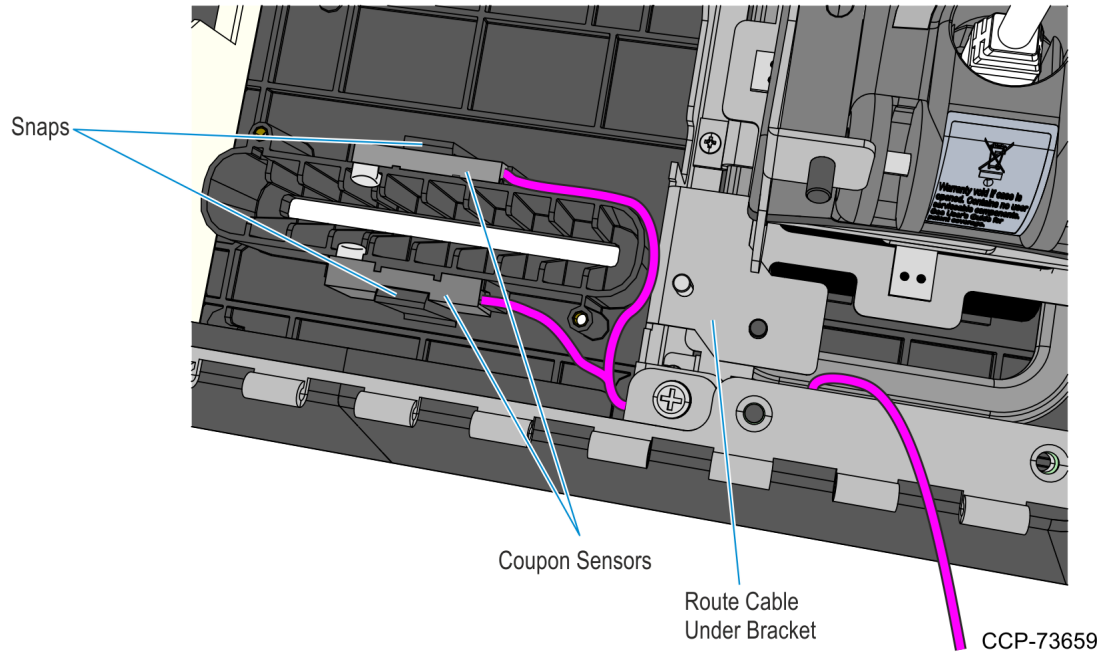
2. Secure the Display Head assembly to the cover using the following:

- two nuts on the right-hand side bracket
- two nuts on the left-hand side bracket
- two screws on the bottom brackets



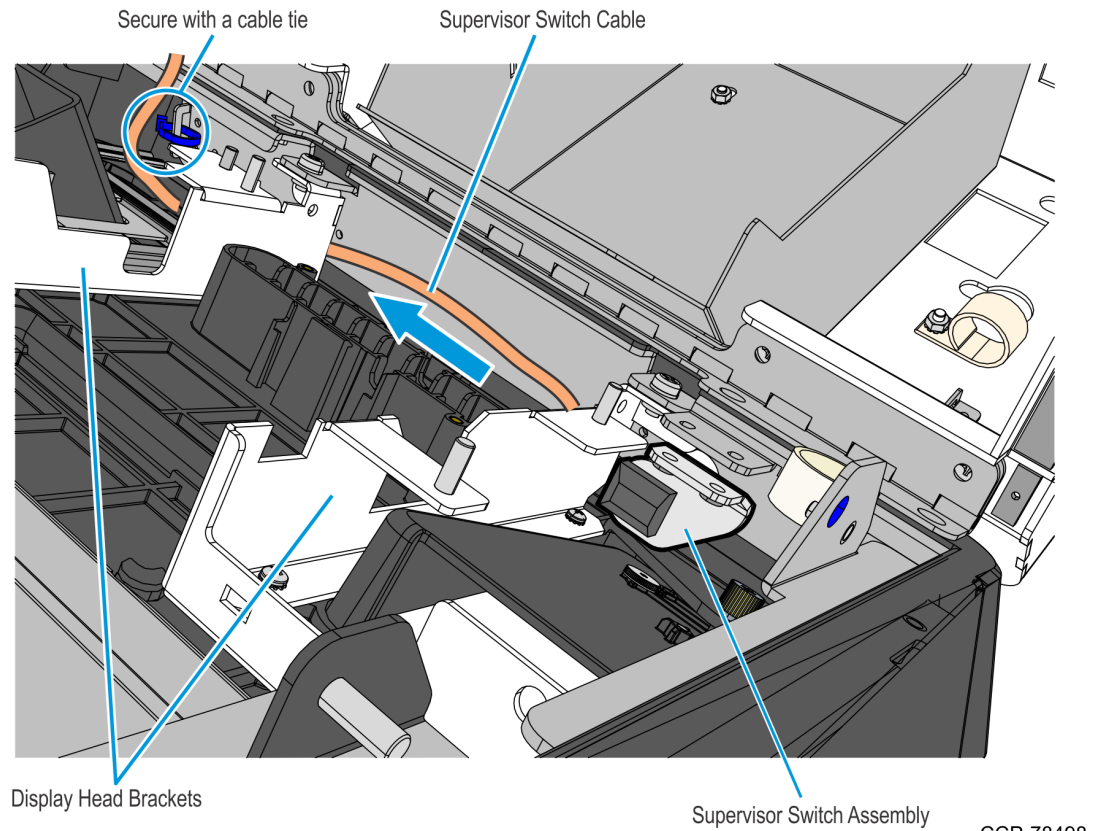
Installing the Coupon Sensors

- On the Display Head, route the cable under the Imager Bracket and snap the Coupon Sensors near the coupon entry slot.



Installing the Supervisor Switch

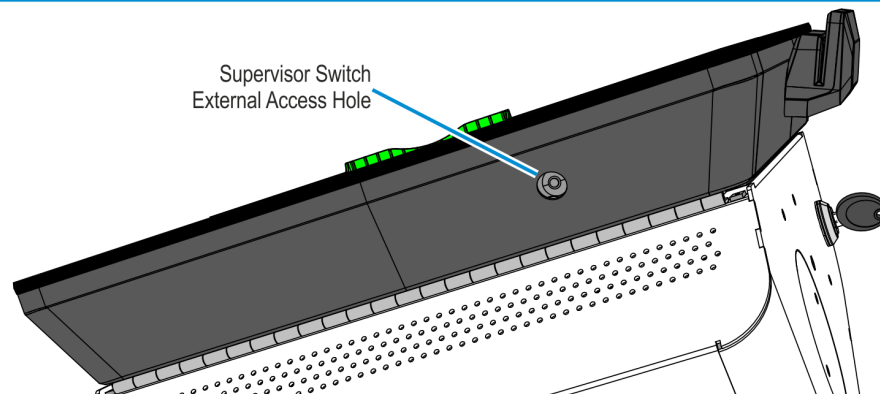
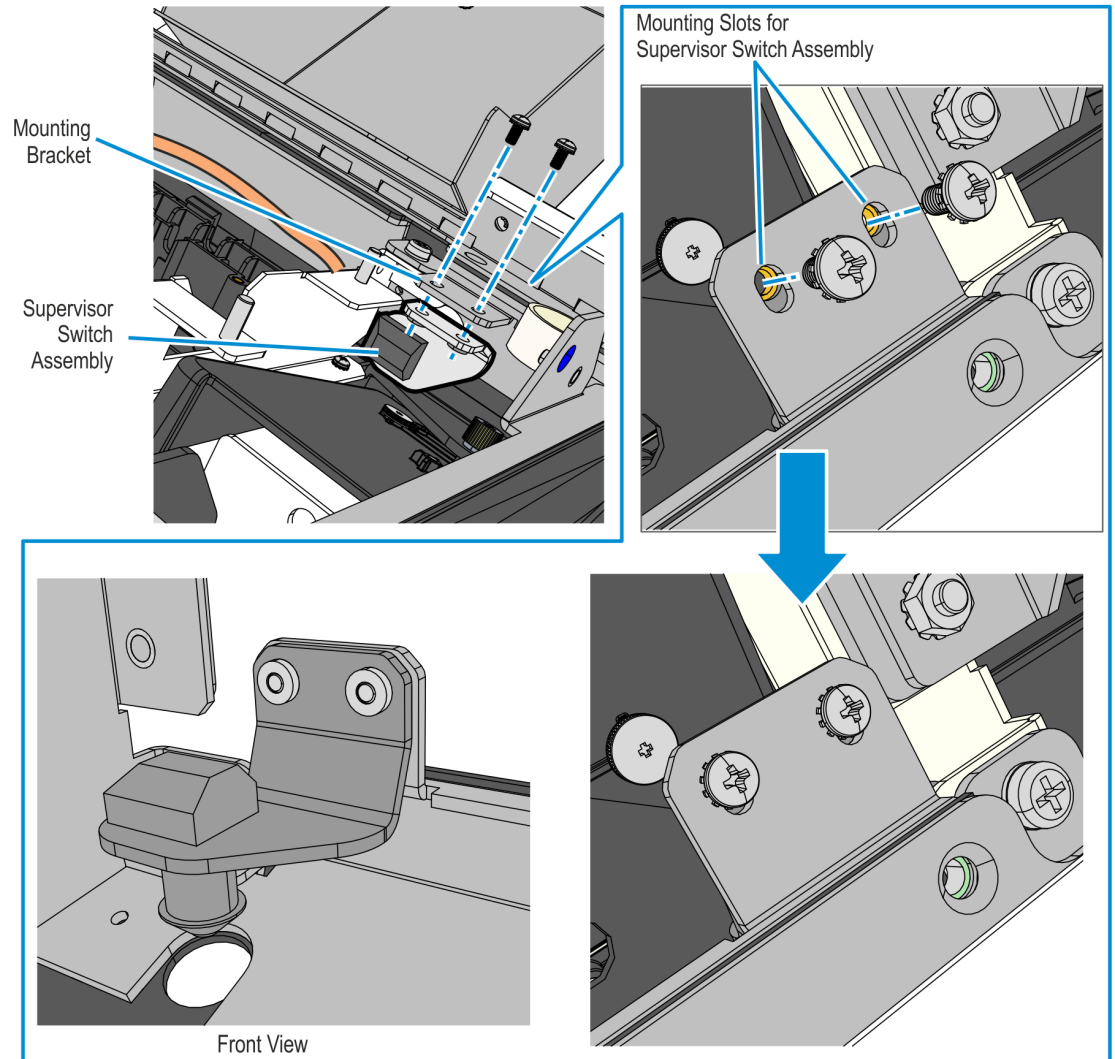
1. Route the Supervisor Cable from the PIN Pad side towards the Imager side, passing the cable under the two Display Head Brackets shown below. Using a cable tie, secure the Supervisor Switch cable to the Display Head.



2. Mount and secure the Supervisor Switch assembly to the Display Head using two screws.

! Important: Make sure that the Supervisor assembly is mounted parallel with its mounting bracket and secured to the top side of the mounting slots.

This position provides the appropriate space for the assembly and properly aligns the Supervisor Switch to its external access hole.



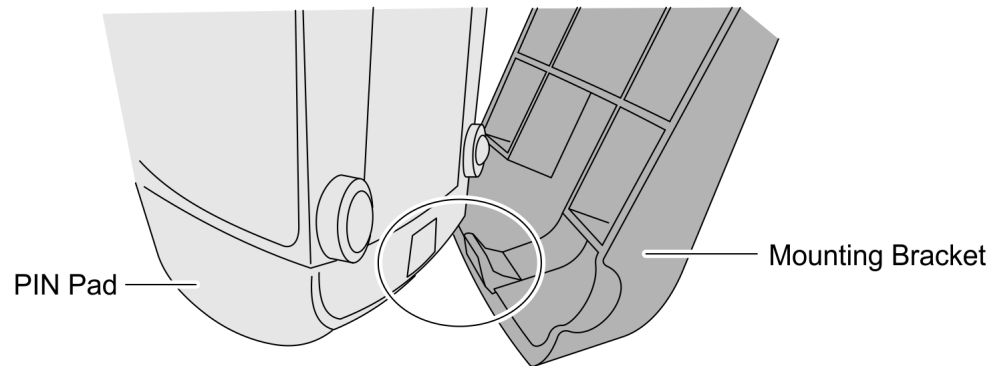
Installing the PIN Pad

Refer to the following sections for procedures in installing the PIN Pad on **NCR 7709 R1.2** units:

- [Installing the Ingenico IPP320/350 PIN Pad](#) below
- [Installing the Verifone VX805/820 PIN Pad](#) on the facing page

Installing the Ingenico IPP320/350 PIN Pad

1. Position the Mounting Bracket onto the screws, and then tighten the screws.
2. Connect the PIN Pad Cable to the PIN Pad.
3. Mount the PIN Pad to the Mounting Bracket by aligning the slot on the lower back of the PIN Pad with the small tab on the lower portion of the Mounting Bracket.

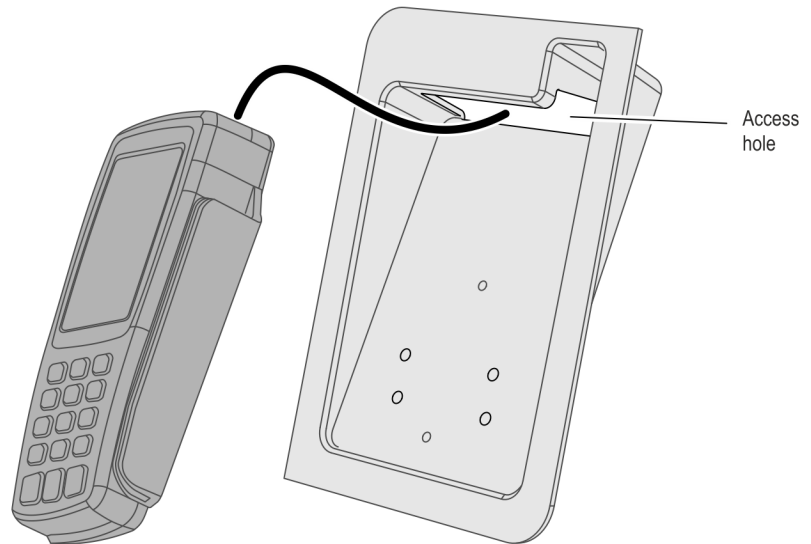


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4. Push the PIN Pad until it snaps to the upper portion of the Mounting Bracket.

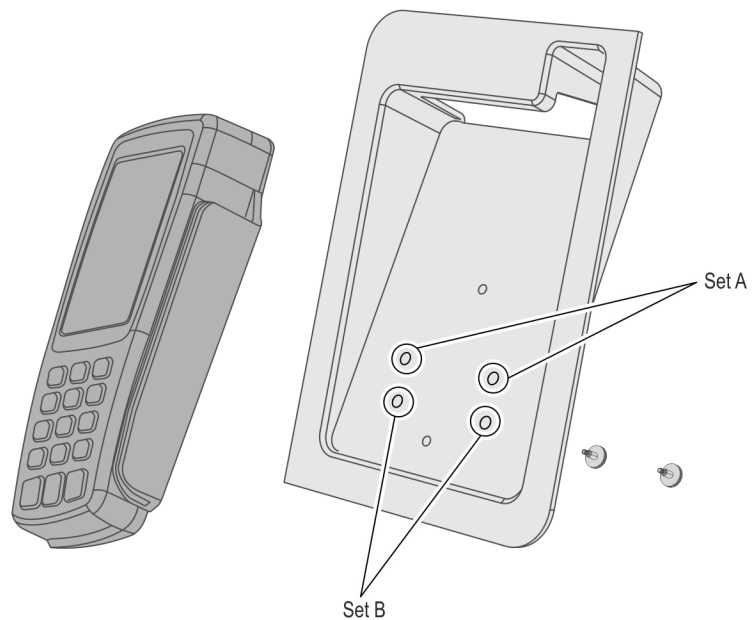
Installing the Verifone VX805/820 PIN Pad

1. Connect the PIN Pad Cable to the PIN pad and route the cable through the access hole on the PIN Pad cradle.



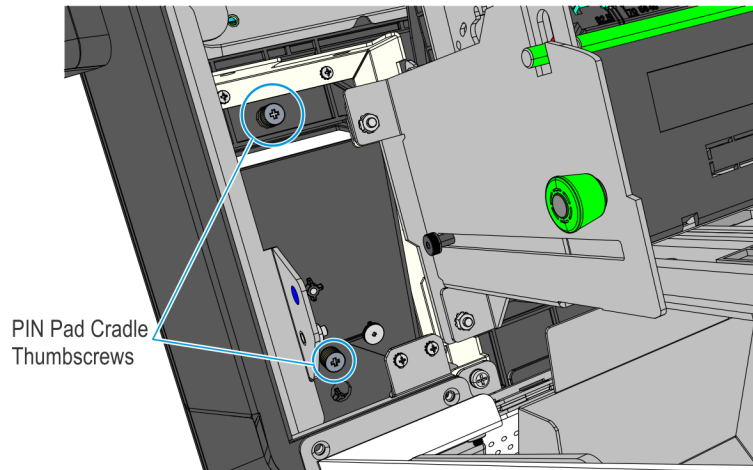
CCP-61344

2. Align the PIN pad mounting holes to the appropriate mounting holes set on the PIN pad cradle as shown below and secure the PIN Pad with two screws.
 - Use Set A mounting holes for VX 805 PIN pad.
 - Use Set B mounting holes for VX820 PIN pad



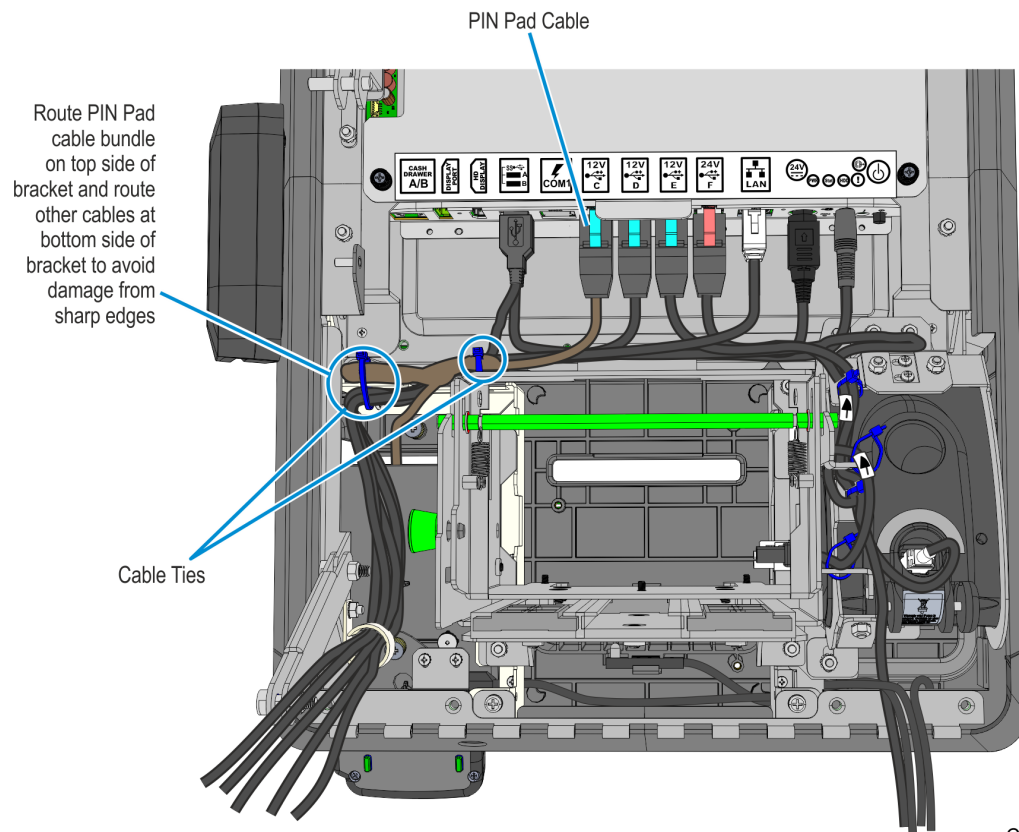
CCP-61346

3. Mount the PIN Pad and Cradle Assembly on the Display head and secure with two thumbscrews.



CCP-78706

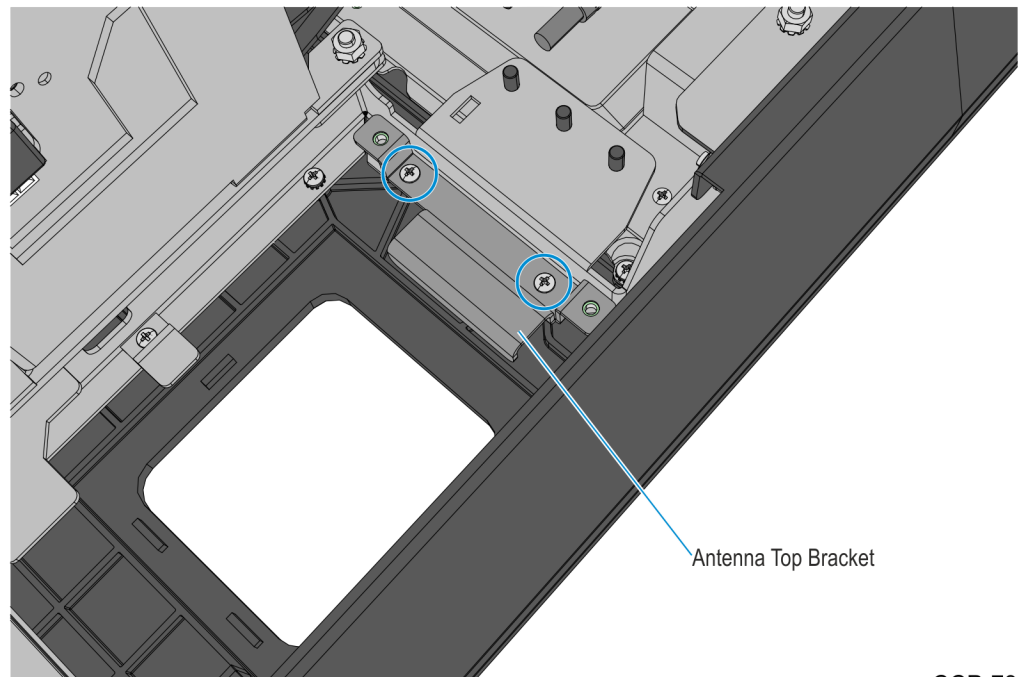
4. Connect the PIN Pad Cable to the PIN Pad. Cable tie the extra length of the cable as shown below.



CCP-73740

Installing the Imager Shield

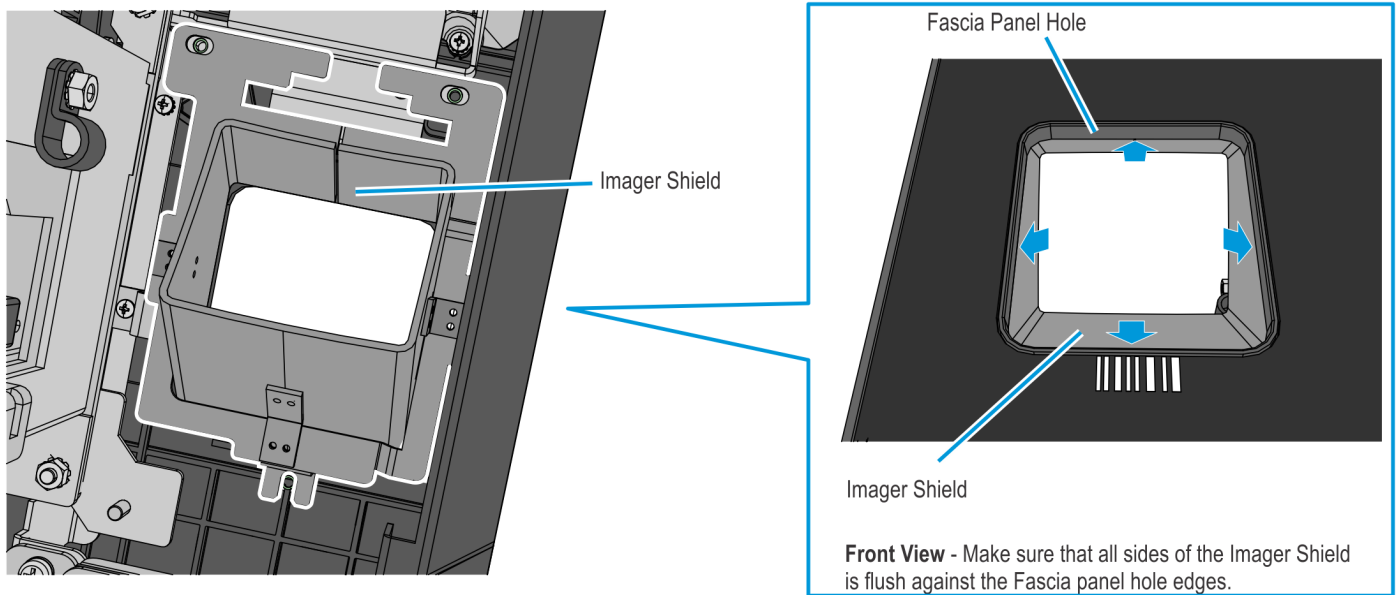
1. Mount and secure the Antenna Top Bracket using two screws.



CCP-73694

2. Mount the Imager Shield assembly over the antenna.

! Important: On the front side of the fascia, make sure that there is no gap between the Imager Shield and Fascia panel. All sides of the Imager Shield should be flush against the Fascia Panel. Adjust the alignment of the Imager Shield accordingly.



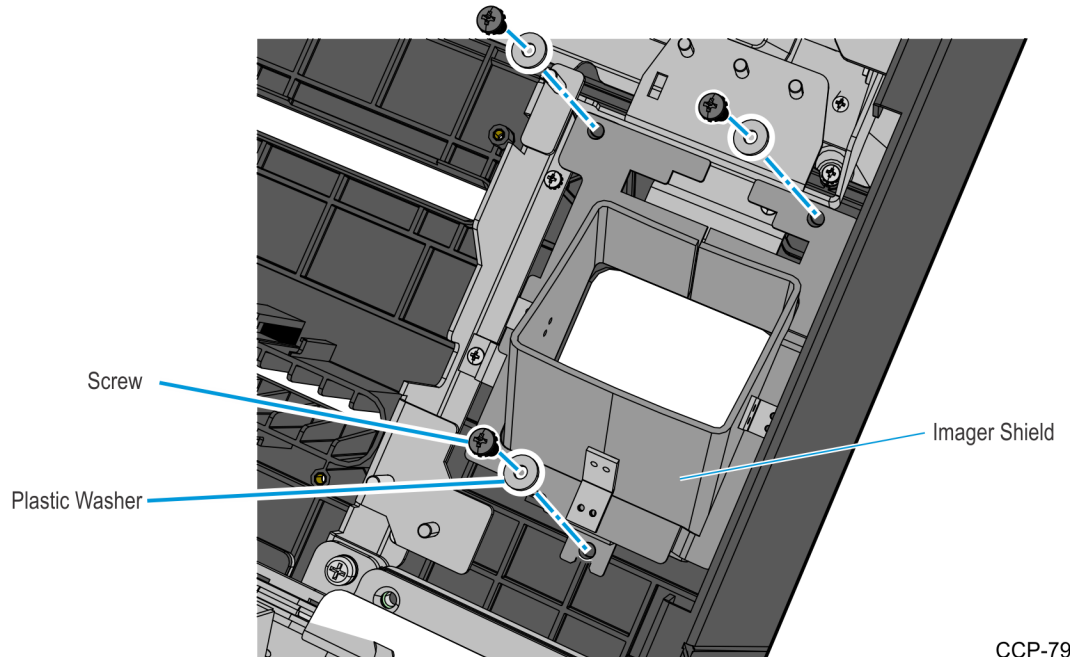
Rear View

CCP-79156

- Secure the Imager Shield assembly using three M3 screws and plastic washers.



Caution: Make sure that the plastic washers are installed with the screws. These washers help protect the Imager from electromagnetic waves given off by the antenna.

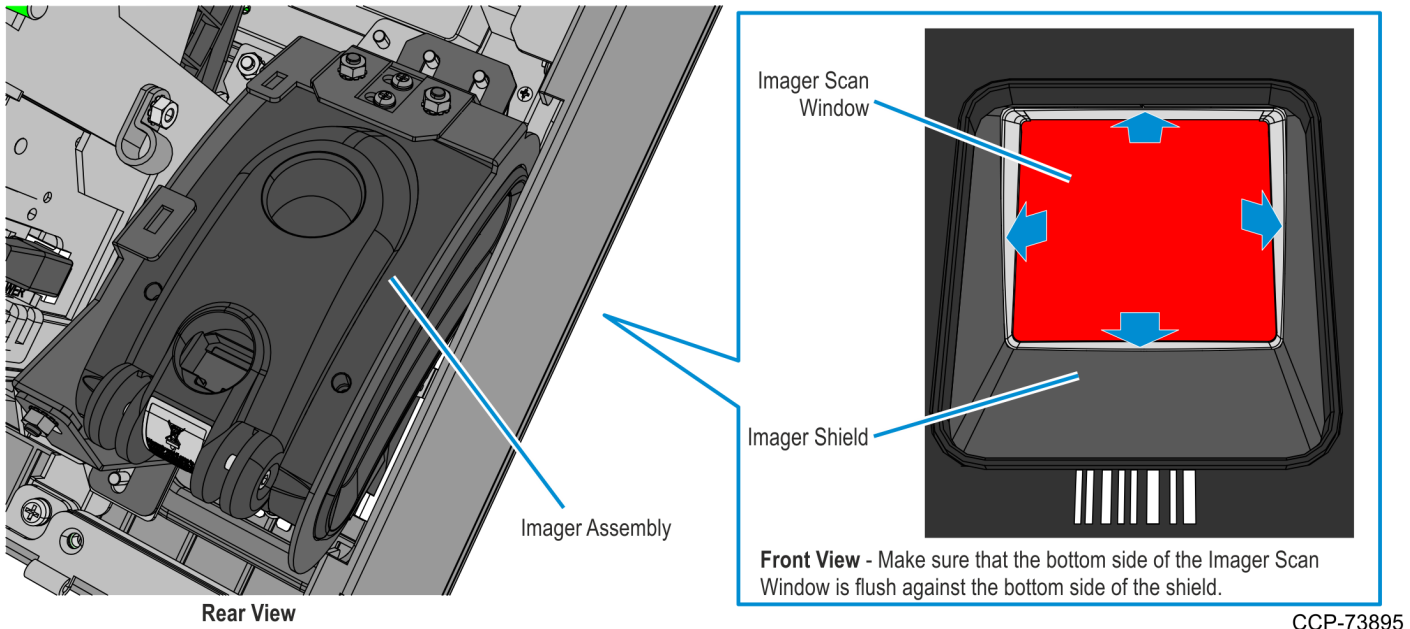


CCP-79155

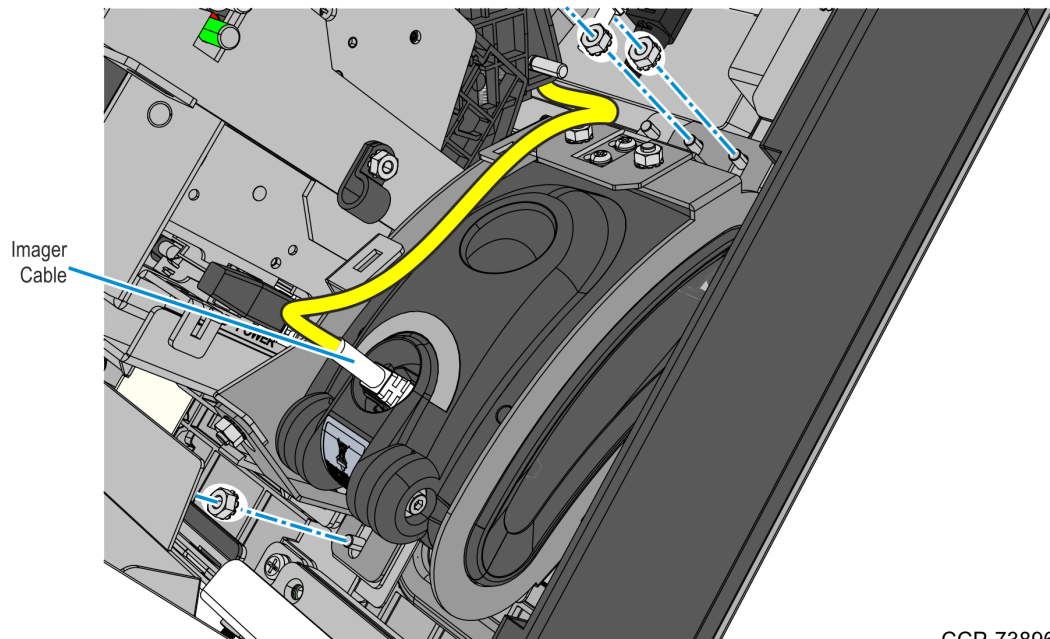
Installing the Imager Scanner

1. Mount the Imager assembly over the Imager Shield.

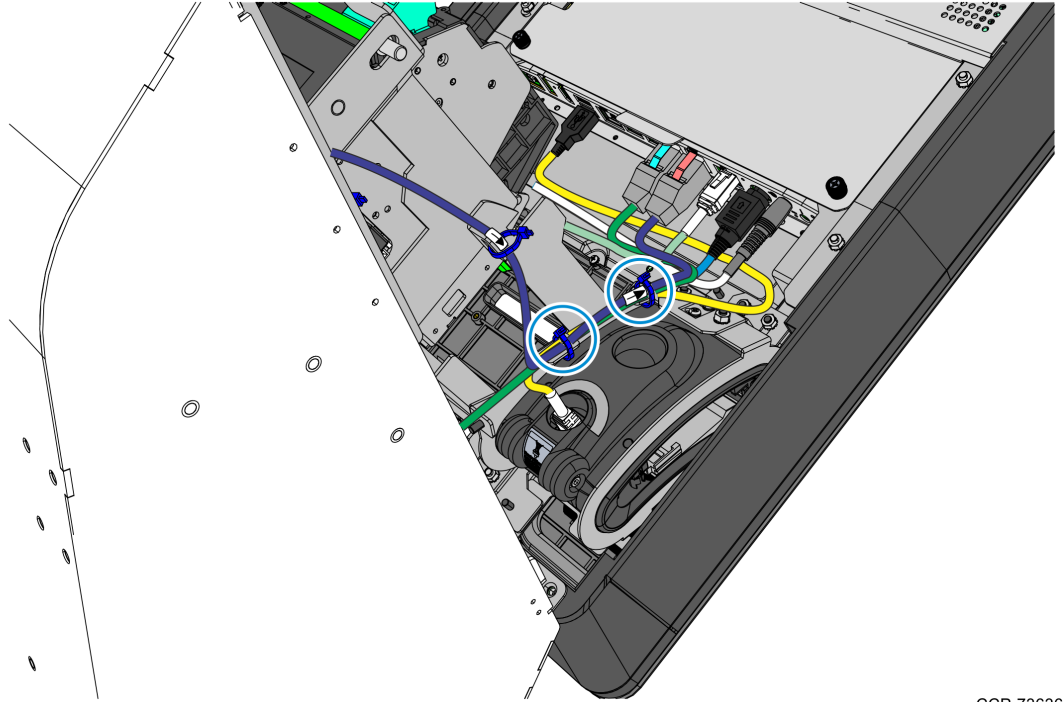
! Important: On the front side of the fascia, make sure that the bottom side of the Imager Scan Window is flush against the bottom side of the Imager Shield. Adjust the alignment of the Imager accordingly.



2. Secure the Imager assembly to the kiosk using three nuts.



3. Bundle the following cables together and secure them to the Imager bracket using two cable ties:
 - Imager USB cable
 - Printer USB and Power cable
 - I/O Daughter Card Power cable

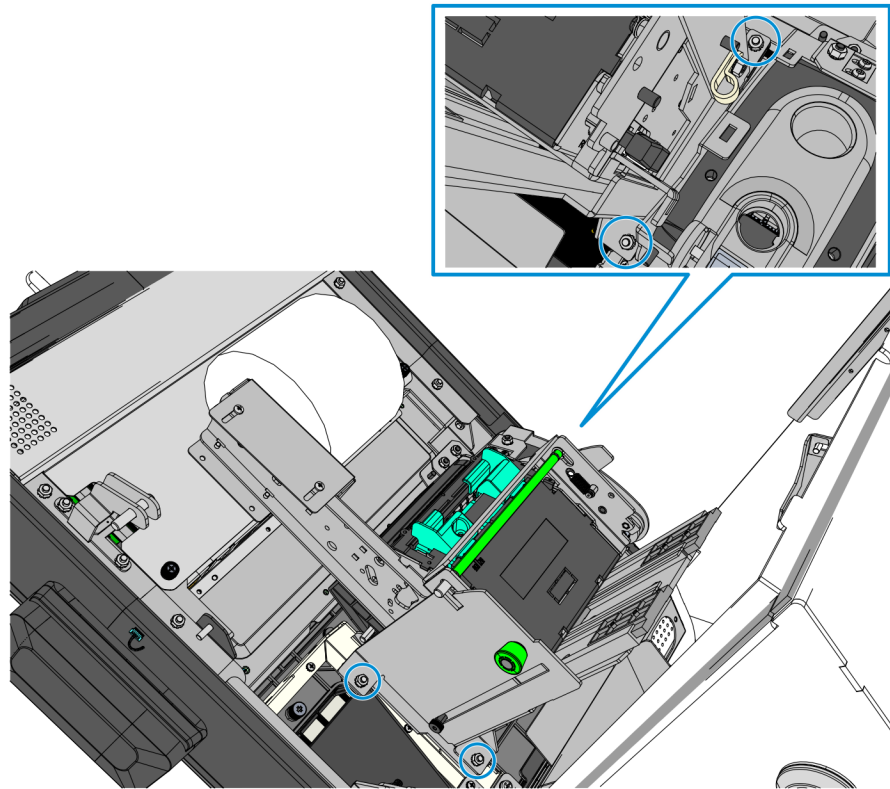


Installing the Receipt Printer

1. Mount the Receipt Printer assembly to the kiosk and secure using four nuts.

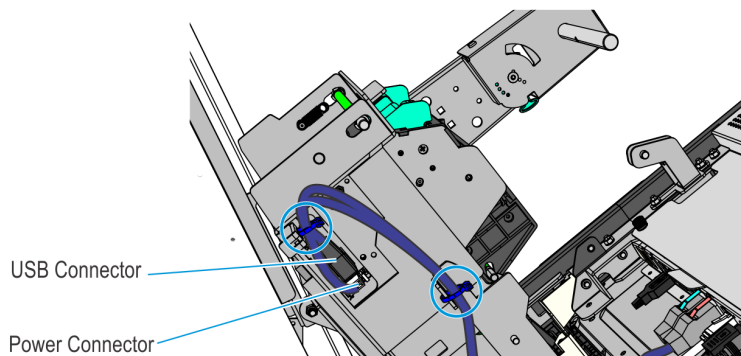


Caution: Be careful not to damage the Printer Chute and the areas around the Printer Opening.



CCP-73169

2. Slide the assembly upward, connect the Power and USB cables to the printer, and secure the cables with cables ties as shown in the following image.



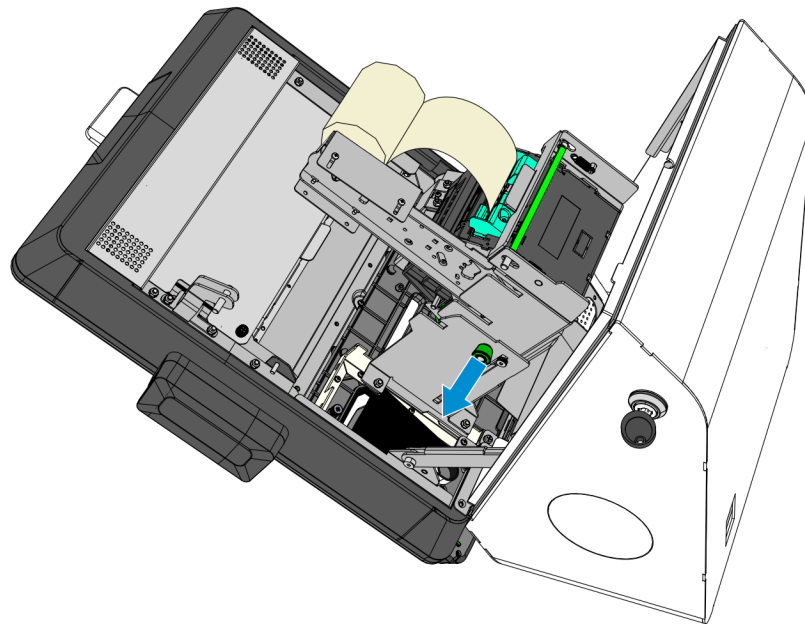
CCP-78447

3. Slide the Receipt Printer downward into operating position.

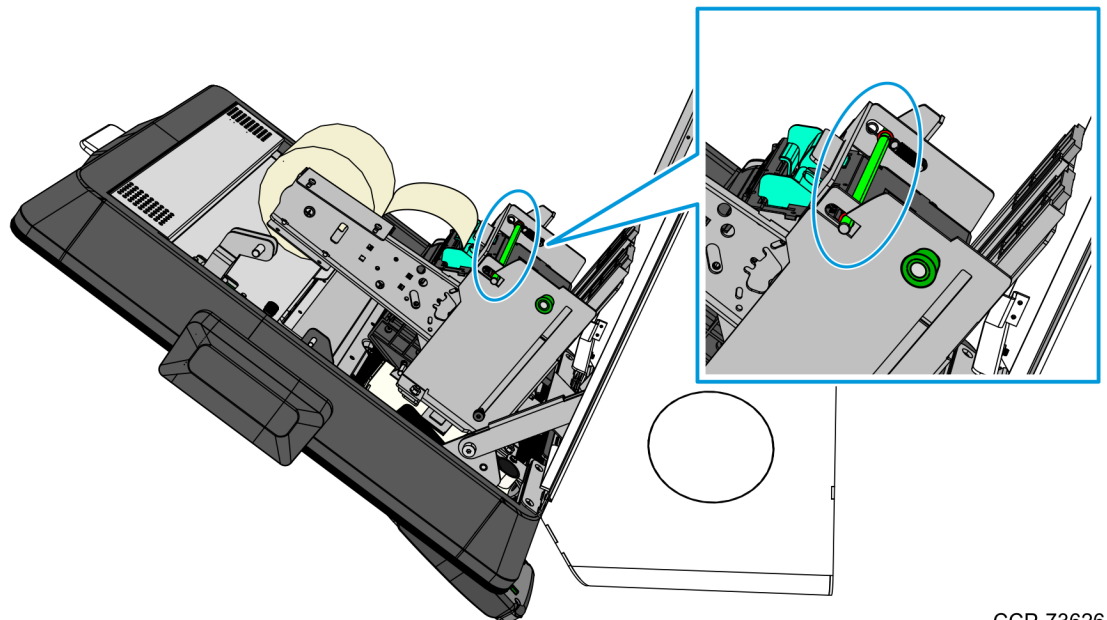
Pull the green plunger and slowly slide the printer assembly downward until the green release rod latches to the printer tray.



Caution: Do not abruptly release the printer assembly when pulling out the green plunger. Hold and guide the printer assembly downward until fully seated in the printer tray.



CCP-73625

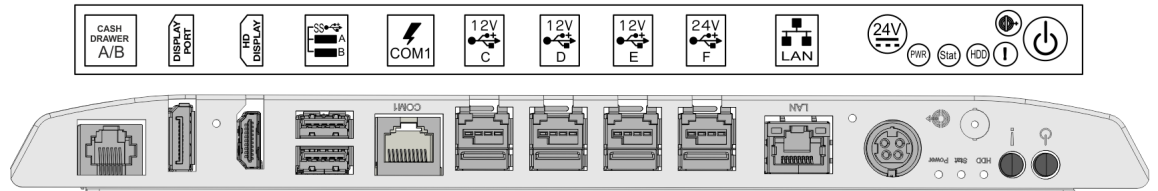


CCP-73626

Connecting Cables

The NCR SelfServ™ 90 (7709) Kiosk provides labels that show the connectors of the Motherboard and the Adapter. The tables below indicate the type of device or of cable for each connector.

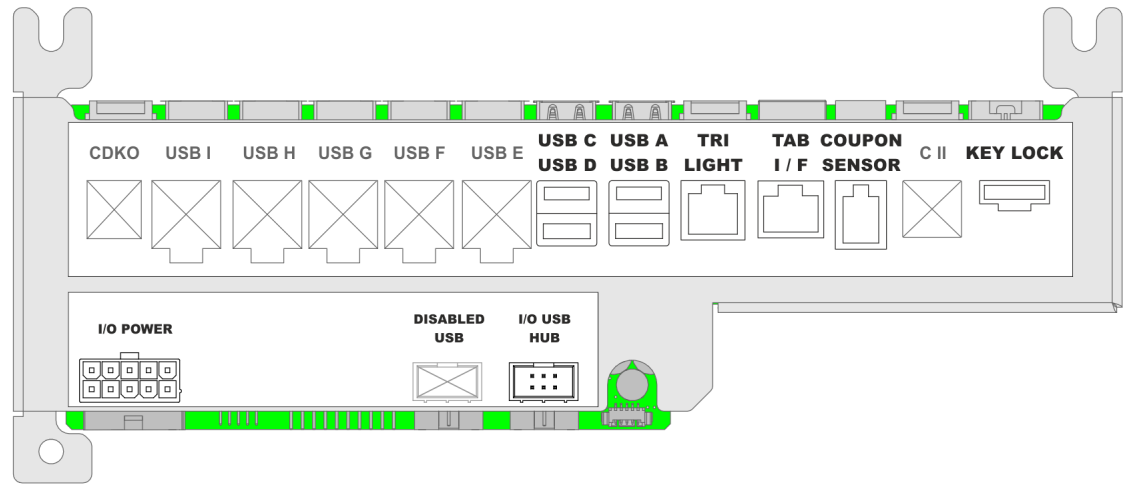
I/O Motherboard



CCP-61343

Connector	Device/Cable
COM 1	Ingenico IPP350 PIN Pad
LAN	LAN Ethernet Cable
24V	Power Supply Cable
Line Out	Dual Speaker
USB A	Sensormatic Controller
USB B	Imaging Scanner
USB C	Verifone VX805, VX820, or MX915 PIN Pad
USB D	Security Scale
USB E	I/O Adapter
USB F	Receipt Printer

I/O Adapter

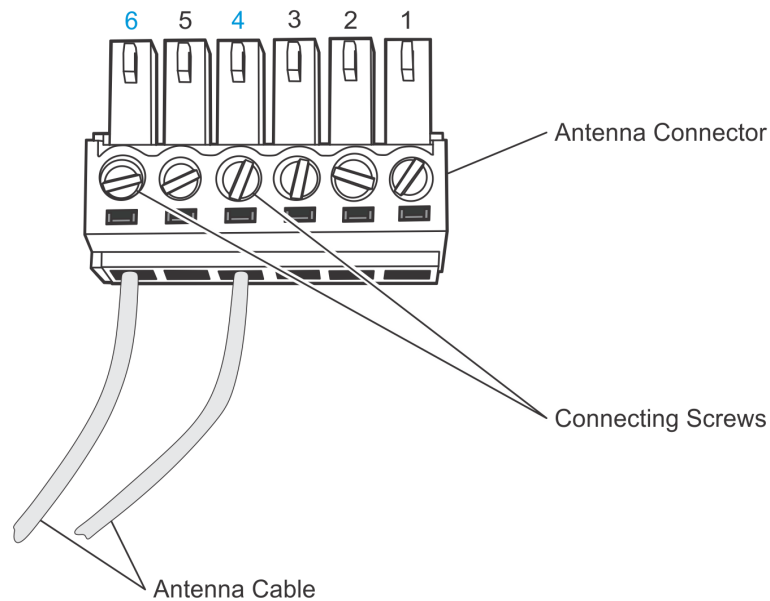


CCP-61349

Connector	Device/Cable
USB A	Handheld Scanner
Tri Light	Indicator Light
TAB I/F	Checkpoint Signal Cable
Coupon Sensor	Coupon Sensor Cable
I/O Power	P2 of the I/O Cable
I/O USB Hub	P3 of the I/O Cable

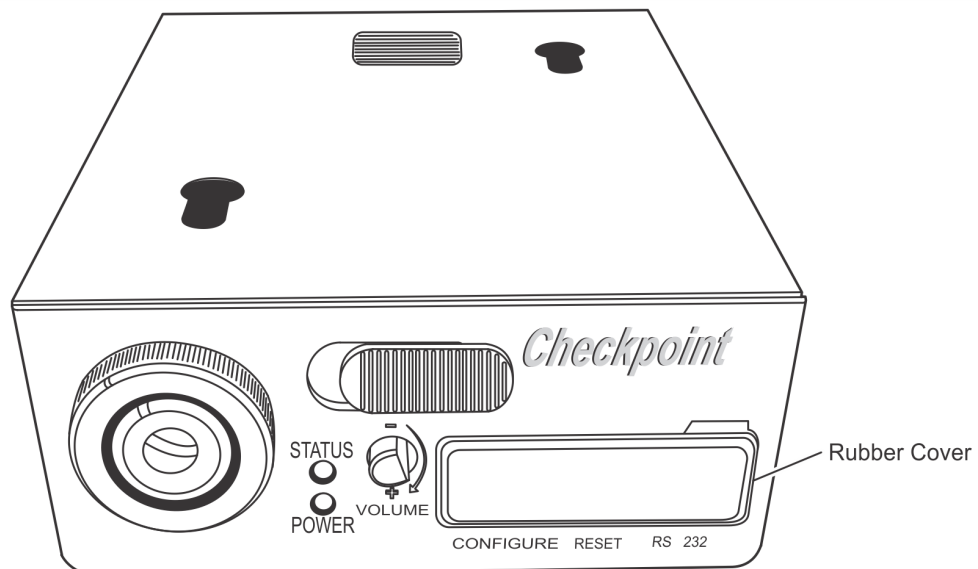
Installing the Checkpoint Controller and Power Supply

1. Install the Antenna Connector on the Antenna Cable. The Antenna Cable is an extension of the Checkpoint Antenna and consists of two white wires, twisted together and coming out of the cable bundle on the left side of the kiosk.
 - The Antenna Cable connects to pins 4 and 6 on the Antenna Connector.
 - Use a small Flathead Screwdriver to loosen and tighten the two Connecting Screws.



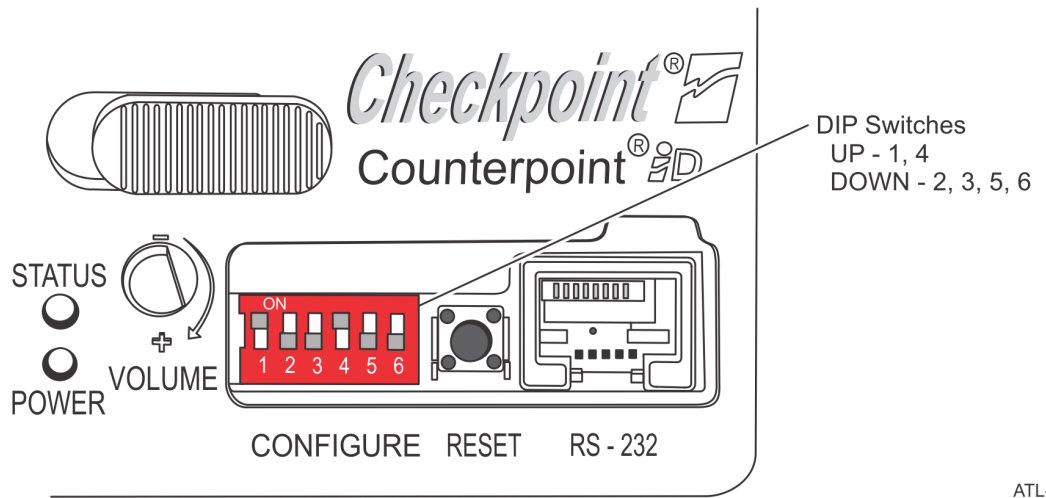
ATL-33723

2. Remove the Rubber Cover to access the DIP Switches. It is installed later in the process.



ATL-33724

- Verify that the DIP Switches are set as shown in the following illustration.

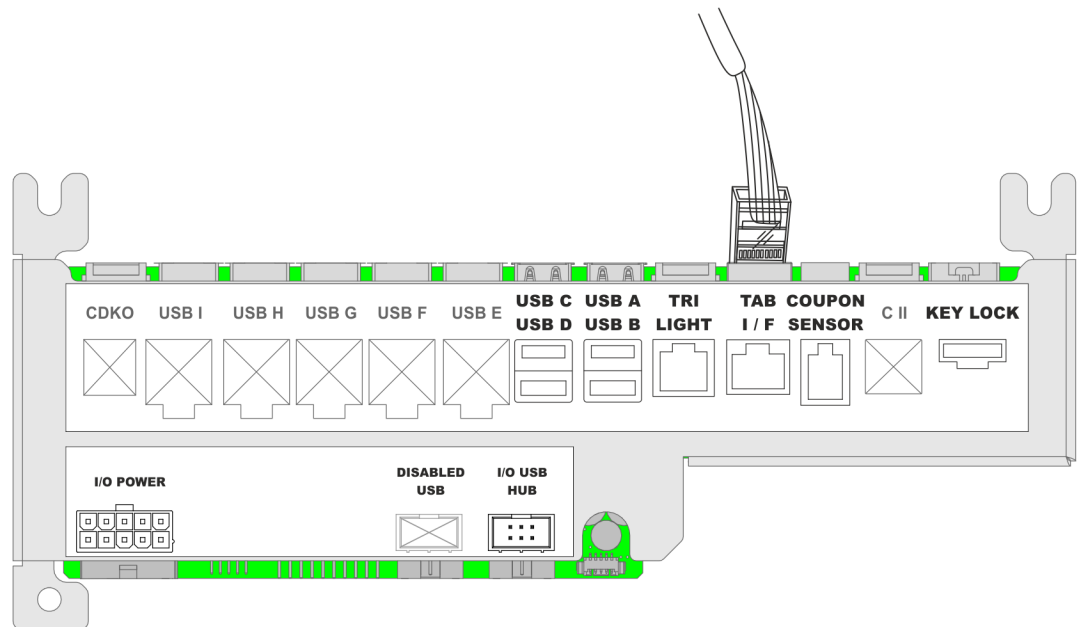


ATL-33725

- Connect the Checkpoint Signal Cable connector to the **TAB I/F** connector on the I/O Adapter.

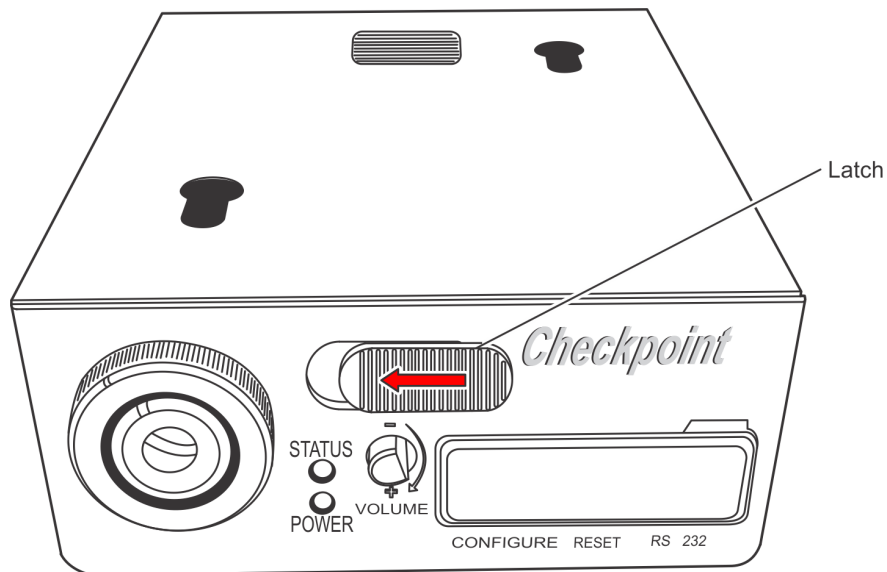


Note: The other end of the Checkpoint Signal Cable has two wires (Red and Black) that connect to the Checkpoint Controller later in this process.



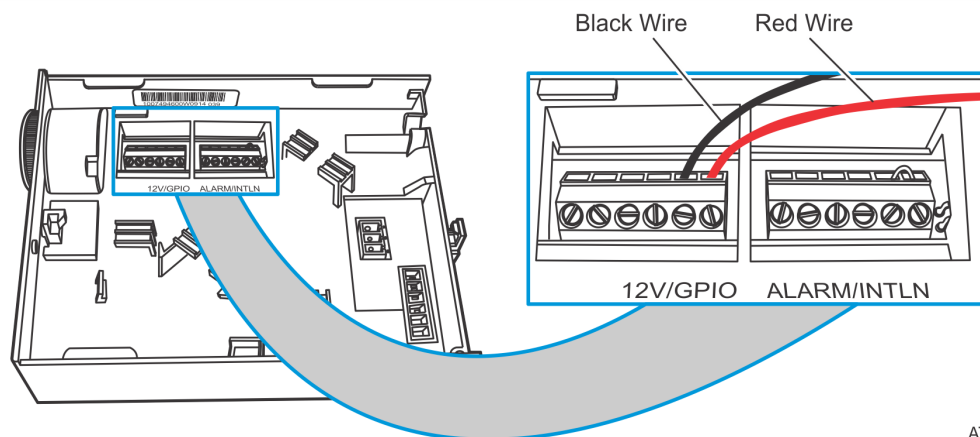
CCP-61349

5. Move the latch on the front of the Checkpoint Controller to the left and slide the top cover off the device.



ATL-33726

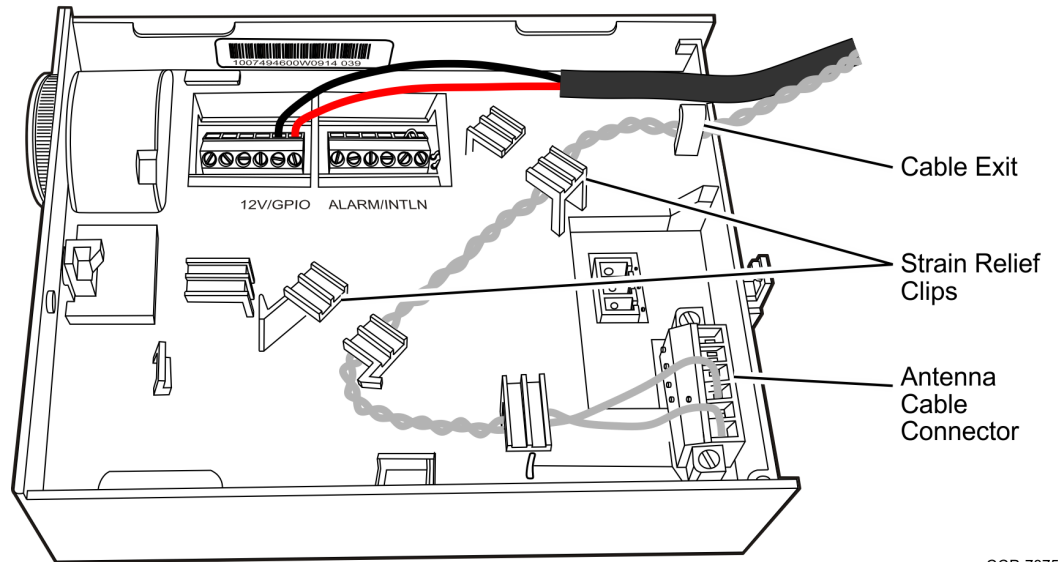
6. Connect the other end of the Checkpoint Signal Cable to the Checkpoint Controller.
 - a. Connect the Black and Red wires of the Checkpoint Signal Cable to the connector inside the Checkpoint Controller, as shown in the following illustration. Use a small Flathead Screwdriver to loosen and tighten the two Connecting Screws.



ATL-33727

- b. Route the Checkpoint Signal Cable through the Cable Exit inside the Checkpoint Controller.

7. Connect the Antenna Cable Connector to the Checkpoint Connector.
 - a. Connect the Antenna Cable Connector to the connector in the Checkpoint Controller.



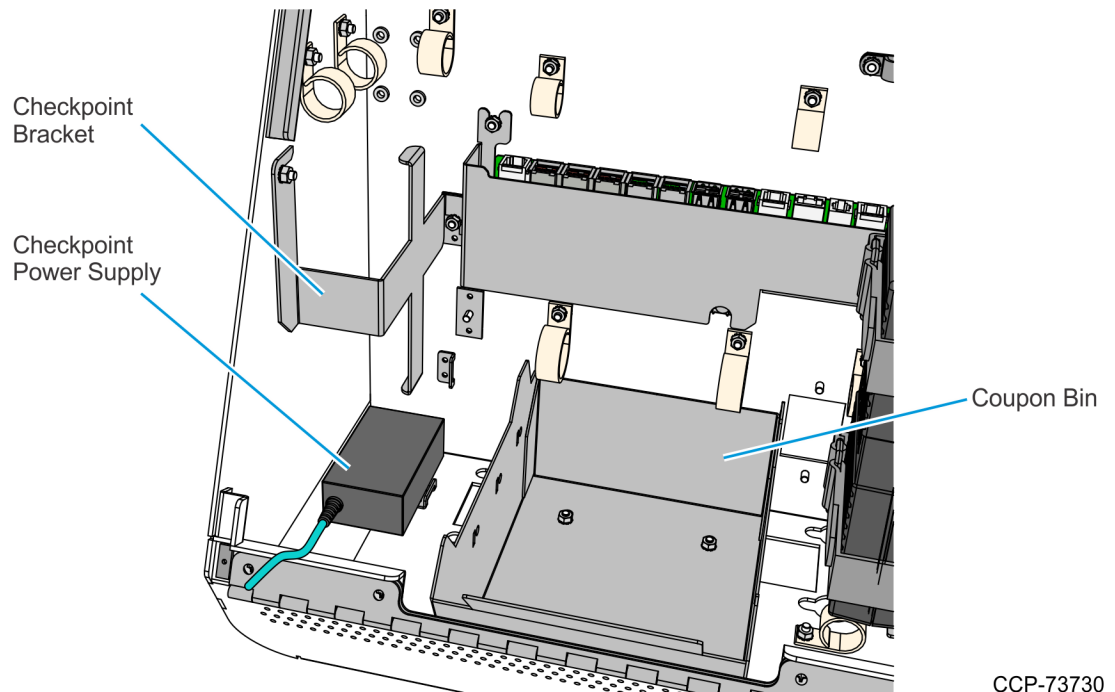
CCP-78755

- b. Route the Antenna Cable through the Cable Exit, making sure to use the Strain Relief Clips to hold the cable in place.
8. Slide the Cover onto the Checkpoint Controller and verify that it is latched in place.
9. Connect the AC Power Cord to the Checkpoint Power Supply.

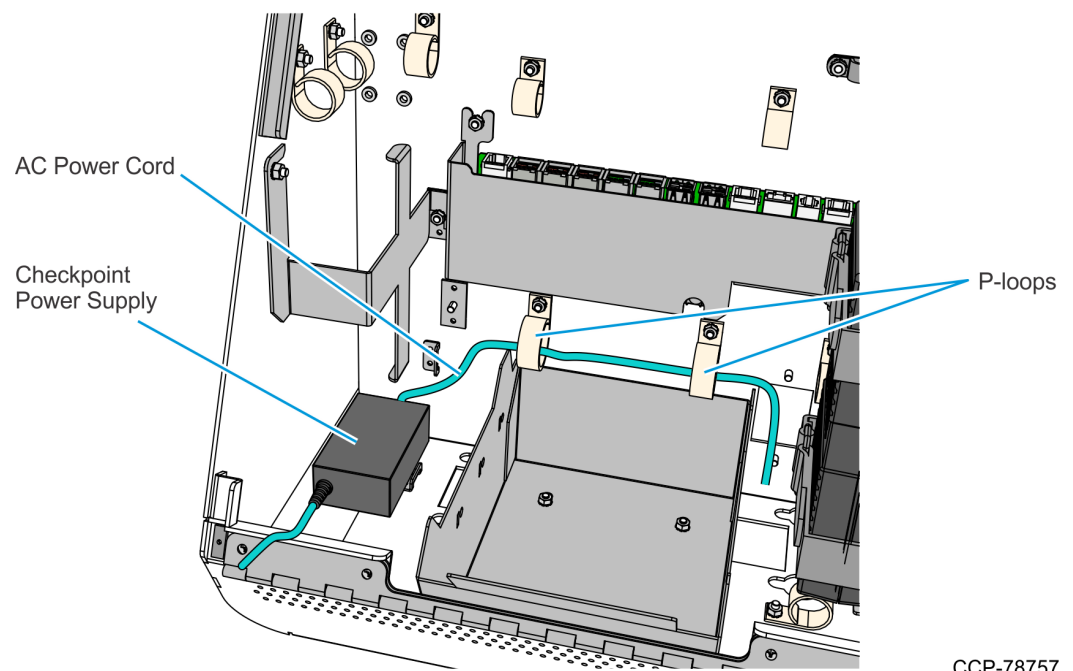
- Place the Checkpoint Power Supply at the bottom of the Checkpoint Controller Bracket and beside the Coupon Bin.



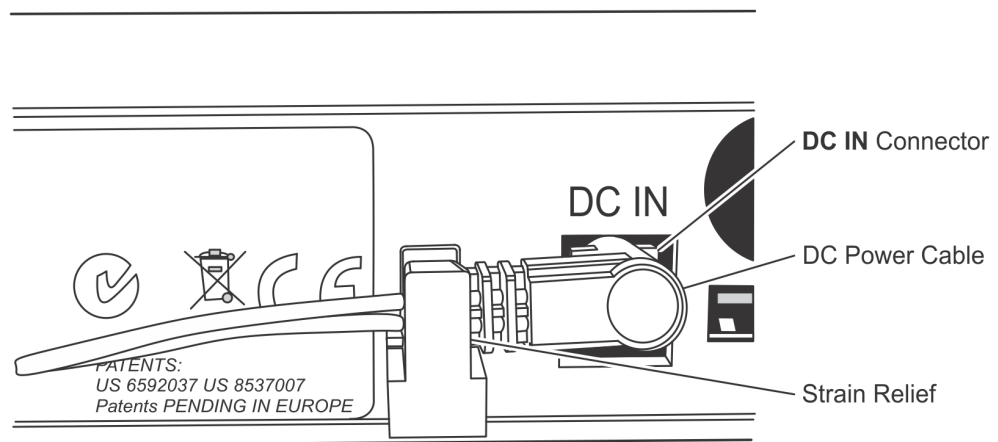
Note: The Checkpoint Bracket is shown only for reference.



- Route the Checkpoint AC Power Cord from its Power Supply, out of the kiosk, and to the AC Receptacle.
 - Route the Checkpoint AC Power Cord through the p-loops just above the Coupon Bin, as shown in the following image.



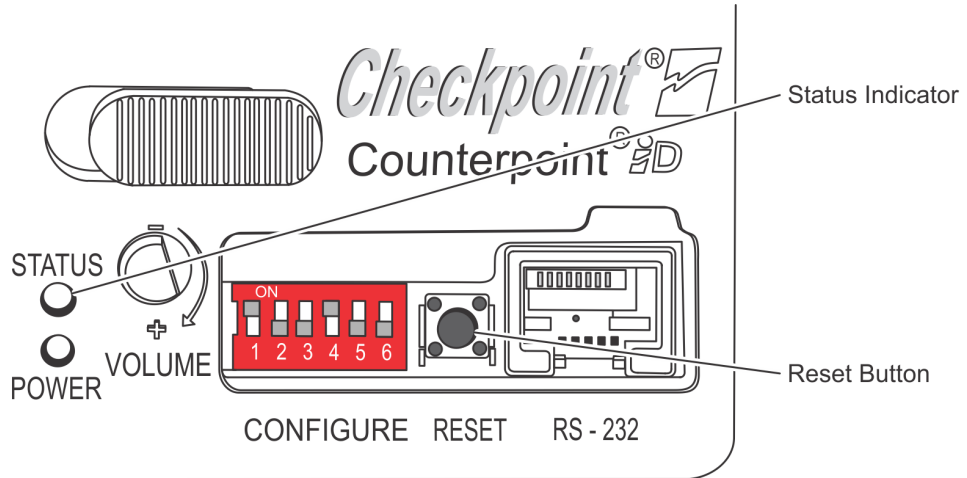
- b. Depending on the kiosk configuration, do one of the following:
- For **Counter Top** configuration, route the Checkpoint AC Power Cord through the hole on the rear cover of the kiosk.
 - For **Wall Mount** configuration, route the Checkpoint AC Power Cord through the hole on the bottom of the kiosk and out through the access hole on the base of the Wall Mounting Bracket.
 - For **Pedestal** configuration, route the Checkpoint AC Power Cord through the hole on the bottom of the kiosk head and into the pedestal, and then route it through the access hole on the rear of the pedestal.
- c. Verify that the Power Cord is long enough to reach the AC Power Receptacle, but do NOT plug it in.
12. Connect the Checkpoint DC Power Cable from the Checkpoint Power Supply to the Checkpoint Controller. Plug the DC Power Cable into the **DC In** connector on the back of the Checkpoint Controller and slide the jack behind the Strain Relief.



ATL-33729

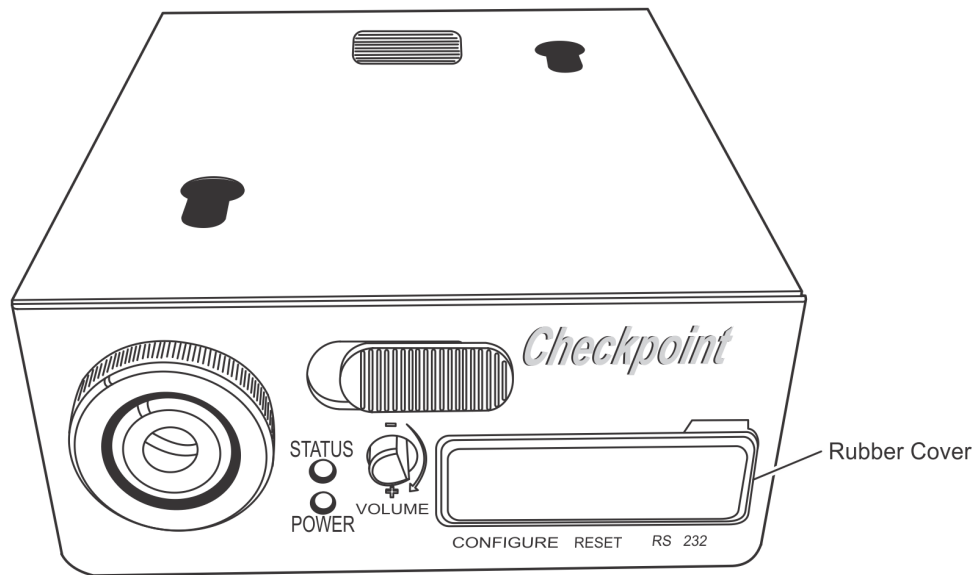
13. Power up the kiosk by connecting the NCR SelfServ™ 90 (7709) Kiosk AC Power Cord into the AC Power Receptacle.

14. Power up the Checkpoint Controller.
 - a. Connect the Checkpoint AC Power Cord into the AC Power Receptacle.
 - b. Press the **Reset** button and wait for the Status Indicator to turn Violet.



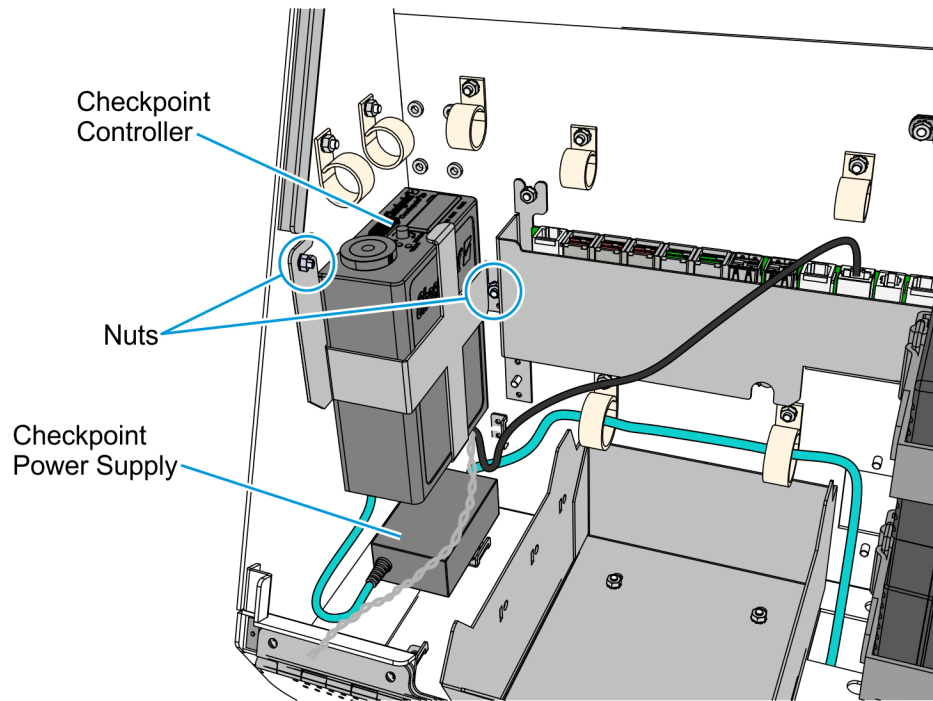
ATL-33770

- c. Press the **Reset** button again to tune the Checkpoint Antenna.
15. Re-install the Rubber Cover, which was removed earlier in the process.



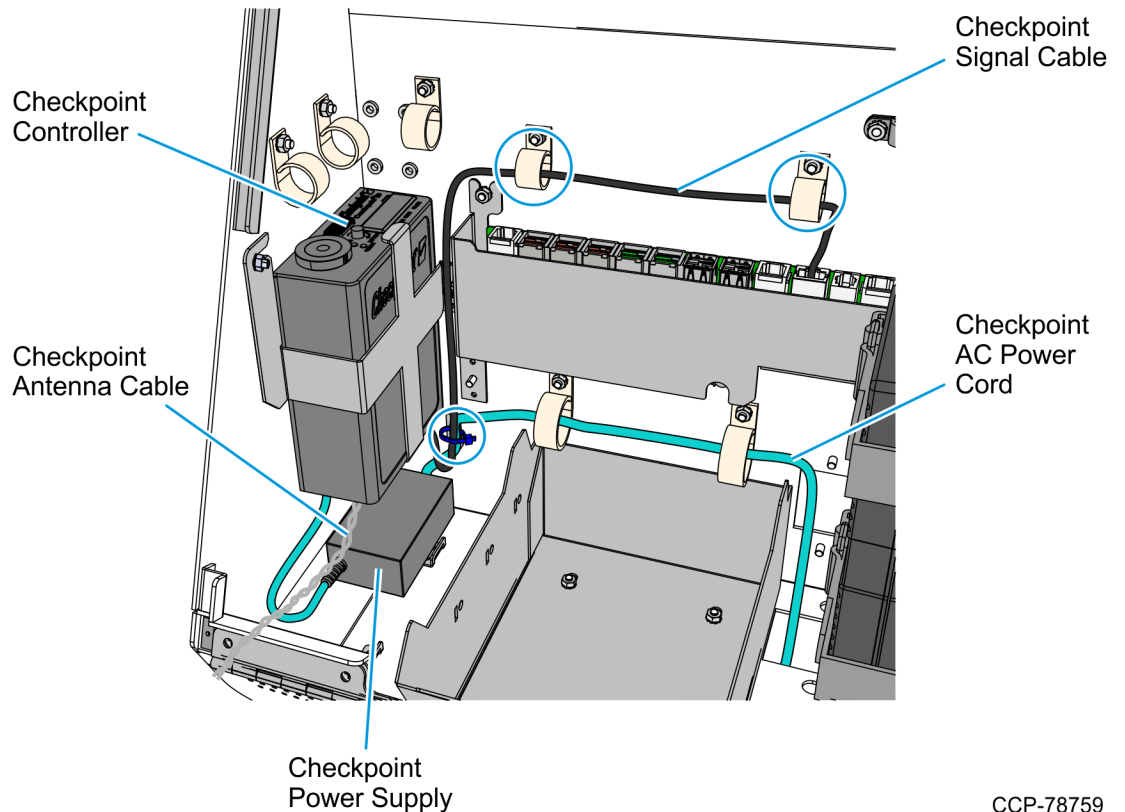
ATL-33724

16. Mount the Checkpoint Controller on its Mounting Bracket.
 - a. Place the Checkpoint Controller in the Mounting Bracket.
 - b. Install the Controller and Mounting Bracket Assembly to the Checkpoint Adapter Bracket, securing it with the two Nuts.



CCP-78758

17. Route and secure the Checkpoint cables.



CCP-78759

- a. Route the Antenna Cable through the left-hand side of the kiosk cabinet and tuck the excess cable length under the Checkpoint Controller.
- b. Route the Checkpoint Signal Cable through the p-loops above the I/O Adapter.
- c. Using a cable tie, bundle and secure the Checkpoint AC Power Cord and the Checkpoint Signal Cable as shown in the image.
- d. Tuck the excess length of the Checkpoint Signal Cable under the Checkpoint Controller.



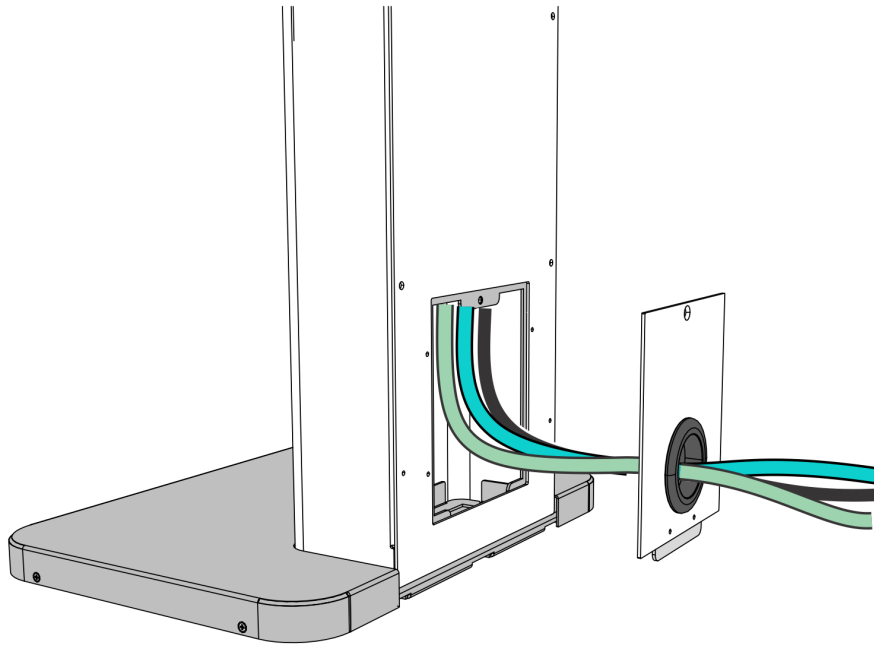
Note: Call a Checkpoint representative to verify and complete the Checkpoint installation.

Routing Cables for Pedestal Mount

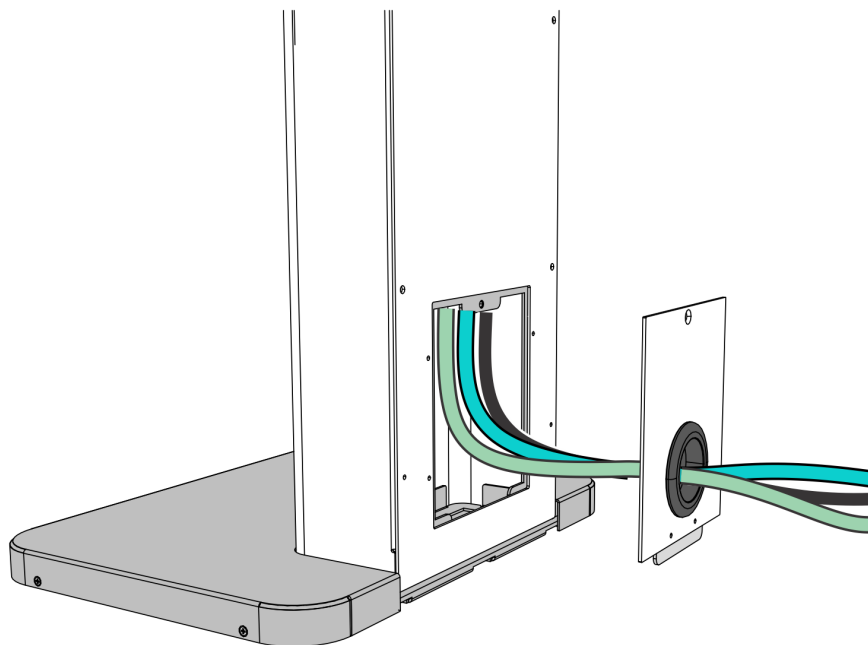
1. Route the following cables out of the pedestal and through the hole of the Rear Access Door. Verify that they are long enough to reach their external connection ports.
 - Kiosk AC Power Cable
 - LAN Cable
 - Checkpoint AC Power Cable



Caution: Do not plug the power cables to the power source yet.



2. Re-install the Rear Access Door to the pedestal and secure it with a screw.



CCP-79165

3. Re-install the Front Access Door to the pedestal and secure it with a screw.

NCR 7709 R2.x Installation Procedures



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

Installing the Checkpoint Counterpoint kit on an **NCR 7709 R2.x** unit involves the following procedures:


1. Open the NCR 7709 unit and disconnect all cables from the Motherboard. For more information, refer to [Opening the R2.x Kiosk](#) on page 60.
2. Remove the Receipt Printer. For more information, refer to [Removing the Receipt Printer](#) on page 61.
3. If present, remove the Sensormatic Backpack. For more information, refer to [Removing the Sensormatic Backpack](#) on page 63.
4. Remove the Imaging Scanner. For more information, refer to [Removing the Imaging Scanner](#) on page 73.
5. If present, remove the Sensormatic Antenna. For more information, refer to [Removing the Sensormatic Antenna](#) on page 76.
6. Remove the PIN Pad. For more information, refer to [Removing the PIN Pad](#) on page 78.
7. Remove the Supervisor Switch. For more information, refer to [Removing the Supervisor Switch](#) on page 81.
8. Remove the Coupon Sensors. For more information, refer to [Removing the Coupon Sensors](#) on page 82.
9. Remove the Display Head. For more information, refer to [Removing the Display Head](#) on page 83.
10. Remove the Printer Z-shaped and Sensormatic brackets. For more information, refer to [Removing the Printer Z-shaped Bracket and Sensormatic Brackets](#) on page 85.
11. Install the Checkpoint Antenna Cable. For more information, refer to [Installing the Checkpoint Antenna Cable](#) on page 86.
12. Re-install the Printer Z-shaped Bracket. For more information, refer to [Installing the Printer Z-shaped Bracket and Sensormatic Brackets](#) on page 87.
13. Re-install the Display Head. For more information, refer to [Installing the Display Head](#) on page 88.
14. Re-install the Coupon Sensors. For more information, refer to [Installing the Coupon Sensors](#) on page 90.
15. Re-install the Supervisor Switch. For more information, refer to [Installing the Supervisor Switch](#) on page 91.
16. Re-install the PIN Pad. For more information, refer to [Installing the PIN Pad](#) on page 93.

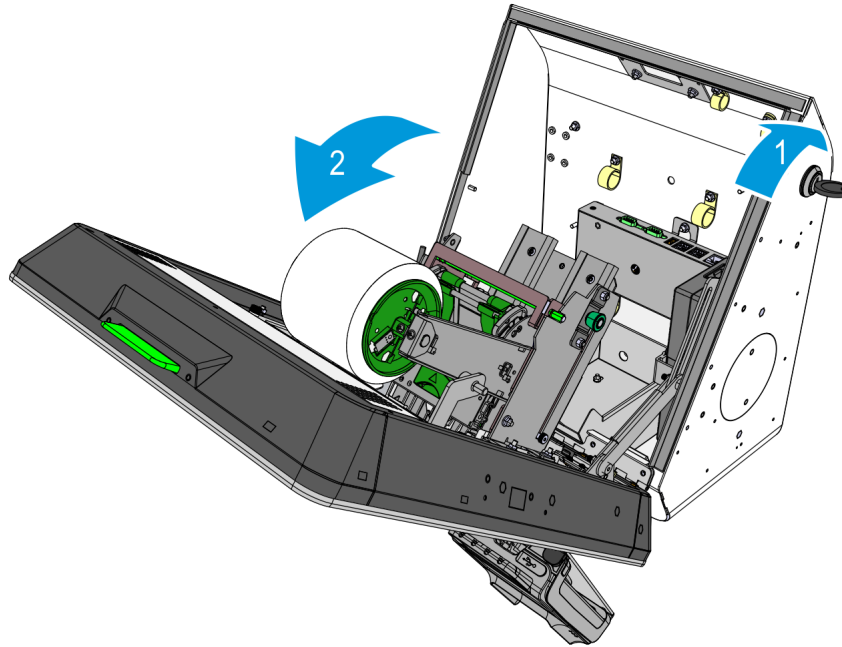
17. Re-install the Imager Shield Assembly. For more information, refer to [Installing the Imager Shield](#) on page 96.
18. Re-install the Imaging Scanner. For more information, refer to [Installing the Imaging Scanner](#) on page 98.
19. Re-install Receipt Printer. For more information, refer to [Installing the Receipt Printer](#) on page 103
20. Reconnect all cables to the Motherboard. For more information, refer to [Connecting Cables](#) on page 105.
21. Install the Checkpoint Controller and the Checkpoint Power Supply. For more information, refer to [Installing the Checkpoint Controller and Power Supply](#) on page 107.
22. For Pedestal Mount, route the cables out of the pedestal. For more information, refer to [Routing Cables for Pedestal Mount](#) on page 116.

Opening the R2.x Kiosk

To access the kiosk components, follow this step:

- Insert the key into the lock at the right-hand side of the kiosk, turn the key clockwise and then, carefully open the front of the kiosk.

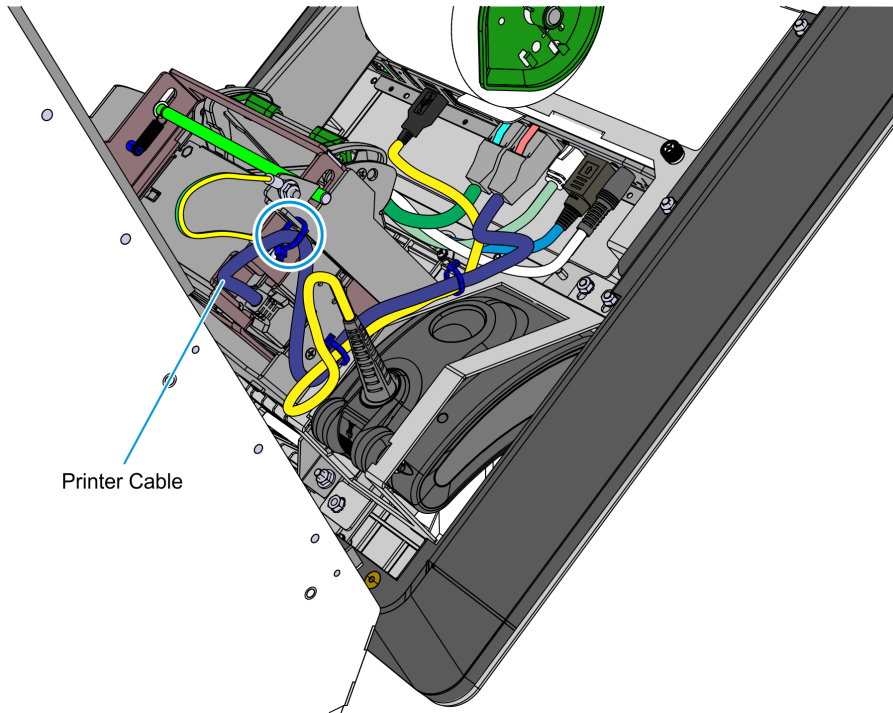
 **Caution:** Do NOT abruptly open and release the front of the kiosk. Hold and support the front of the kiosk until fully extended.



Removing the Receipt Printer

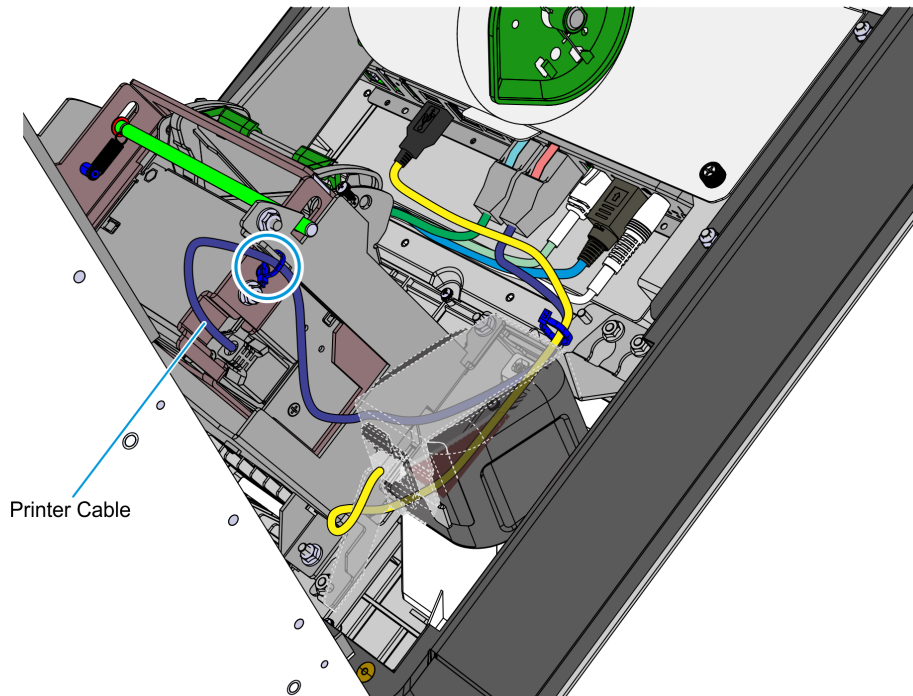
1. Remove the cable tie that secures the Printer cable to the printer bracket, and then disconnect the Printer cable from the printer.

With Honeywell 7580G Imaging Scanner



CCP-77996

With Datalogic 1500i Imaging Scanner

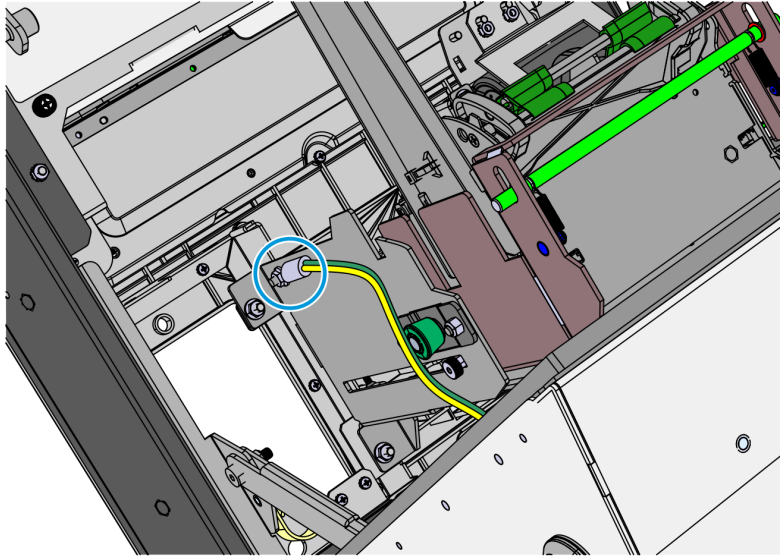


CCP-79464

2. Remove the nut that secure the ground cable to the printer bracket.

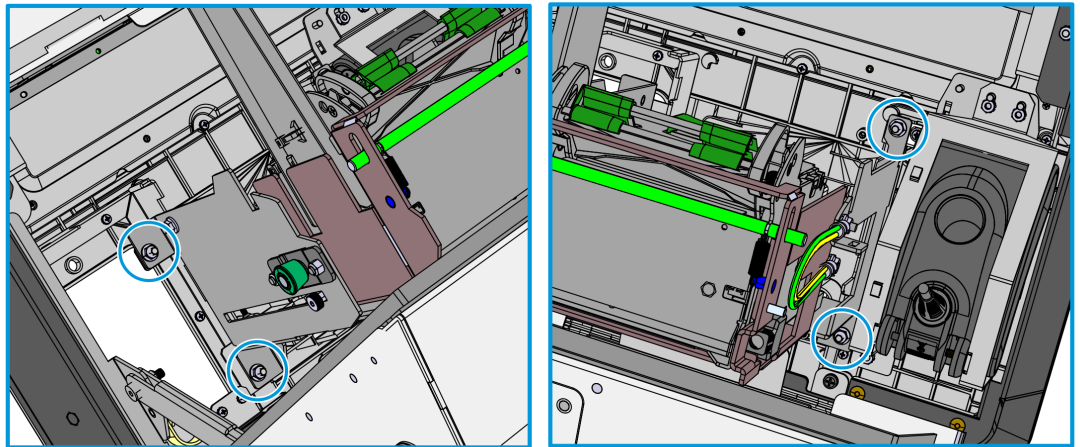


Note: The other end of this ground cable is connected to the kiosk enclosure.



CCP-77998

3. Remove the four nuts (two on each side) that secure the Printer assembly to the kiosk, and place the assembly on a flat surface.



CCP-77997

Removing the Sensormatic Backpack

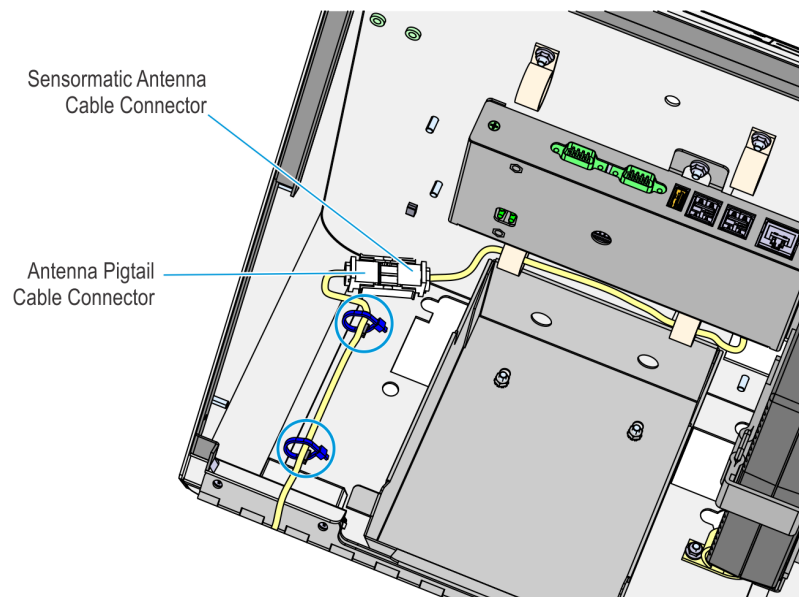


Caution: Make sure that the Sensormatic Controller is powered OFF. Do NOT connect or disconnect the Sensormatic Cables or Antenna from the Sensormatic Controller when power is ON as this could damage the controller.



Note: The Sensormatic Backpack is present only in pedestal configurations. To clearly view the components inside the kiosk cabinet, the display head is not shown in the following illustrations.

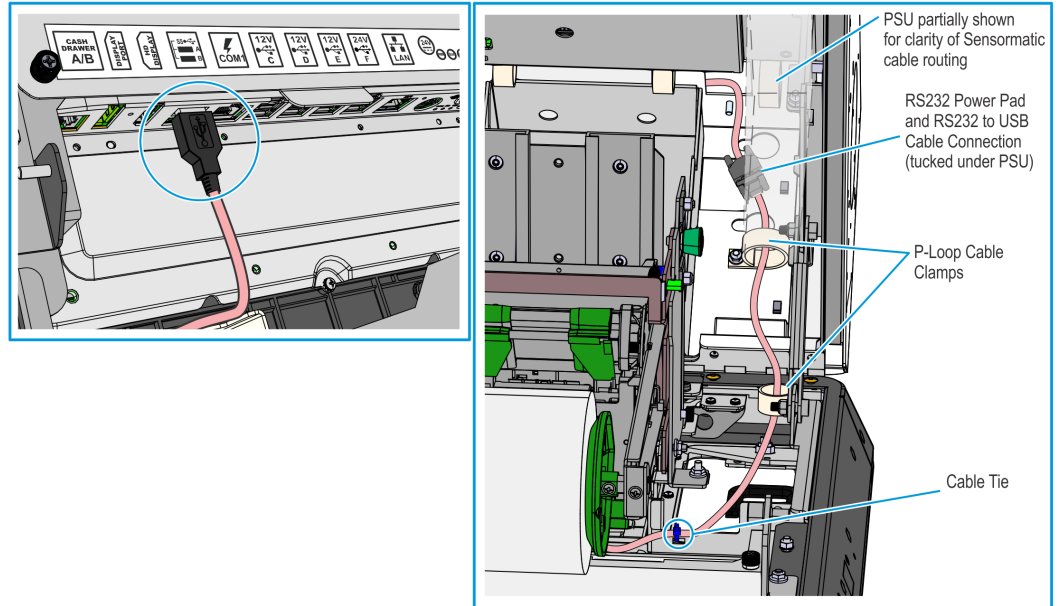
1. Disconnect and remove the Sensormatic Antenna Pigtail Cable.
 - a. Disconnect the Sensormatic Antenna Pigtail Cable from the Antenna Cable. Remove the cables ties.



CCP-77976

- b. Route the Antenna Cable out of the kiosk.

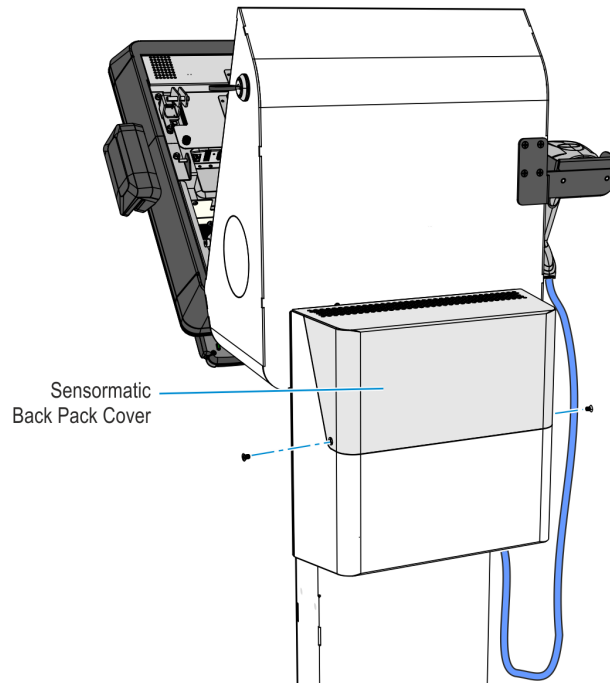
2. Disconnect and remove the USB-to-Serial Cable.
 - a. Disconnect the USB connector of the USB-to-Serial Cable from the **USB A** port of the motherboard. Remove the cable ties.



CCP-78724

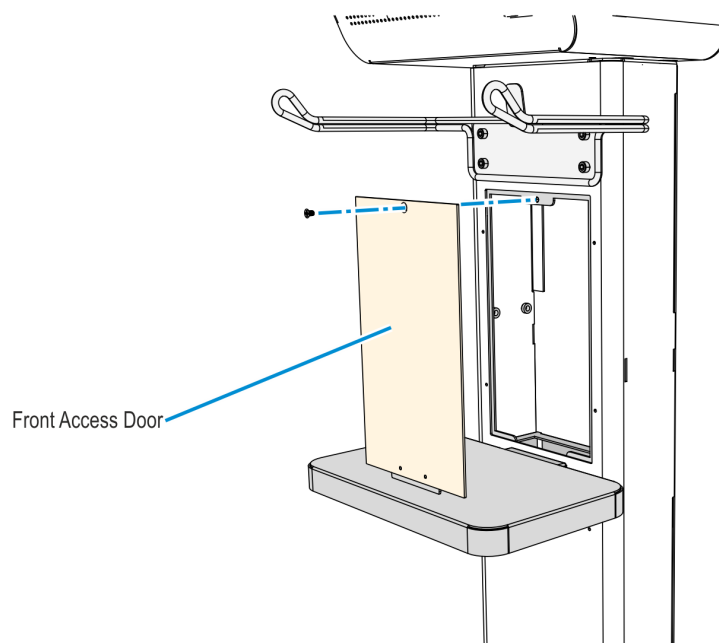
- b. Route the USB-to-Serial Cable and the RS-232 Power Pad Cable out of the kiosk.

3. Remove the Sensormatic Controller from the Sensormatic Backpack.
 - a. Remove the screws (one on each side) that secure the Sensormatic Cover to the case.



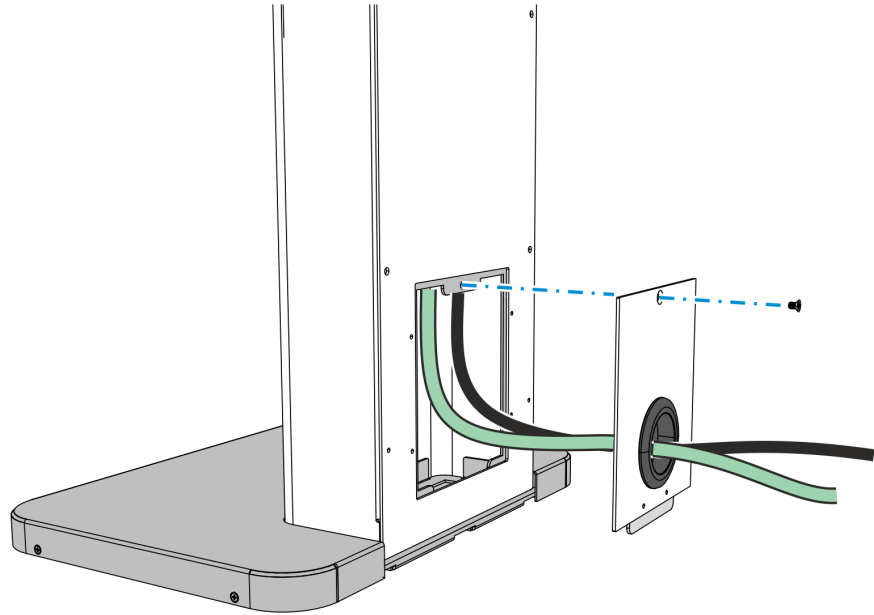
CCP-73732

- b. Remove the Sensormatic Controller and its cables from the case.
4. To easily guide the cables back into or out of the kiosk head, remove the Front Access Door of the pedestal by removing the screw that secures it to the pedestal.



CCP-74617

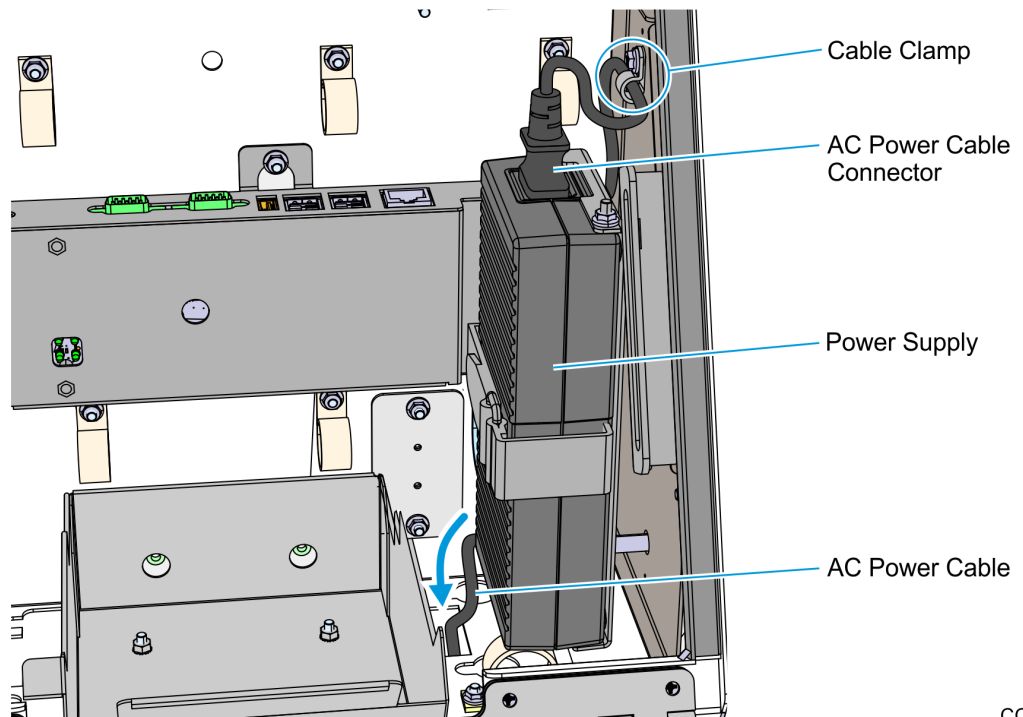
5. Pull the LAN Cable back into the kiosk head.
 - a. Remove the Rear Access Door of the pedestal by removing the screw that secures it to the pedestal.



CCP-74624

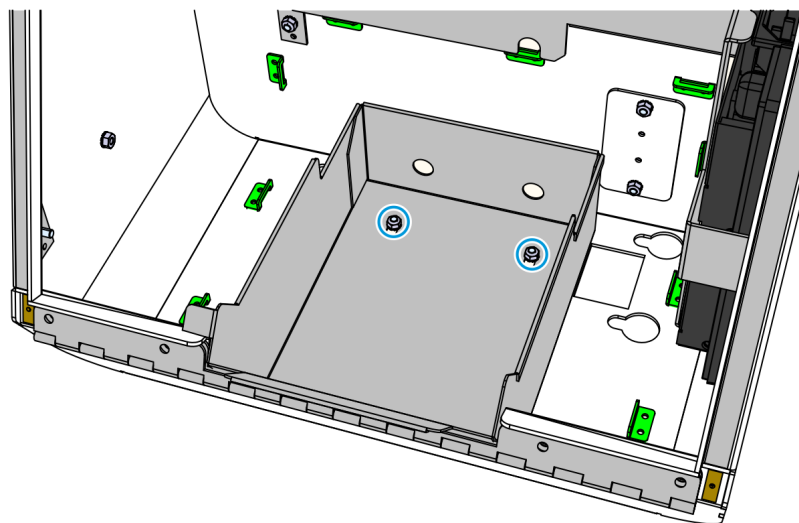
- b. Remove the LAN cable from the Rear Access Door and place it inside the pedestal.
 - c. Inside the kiosk head, carefully pull the LAN cable through the bottom access hole and into the kiosk head.

6. Pull the AC Power Cable out of the kiosk head.



CCP-78781

- a. Remove the nut that secures the cable clamp to the cabinet, and then remove the AC Power Cable from the cable clamp.
 - b. Disconnect the AC Power Cable from the Power Supply Unit, route the AC Power Cable down into the pedestal, and temporarily rest it on the front access hole of the pedestal.
7. Remove the Coupon Bin by removing the two hex nuts that secure it to the kiosk cabinet.

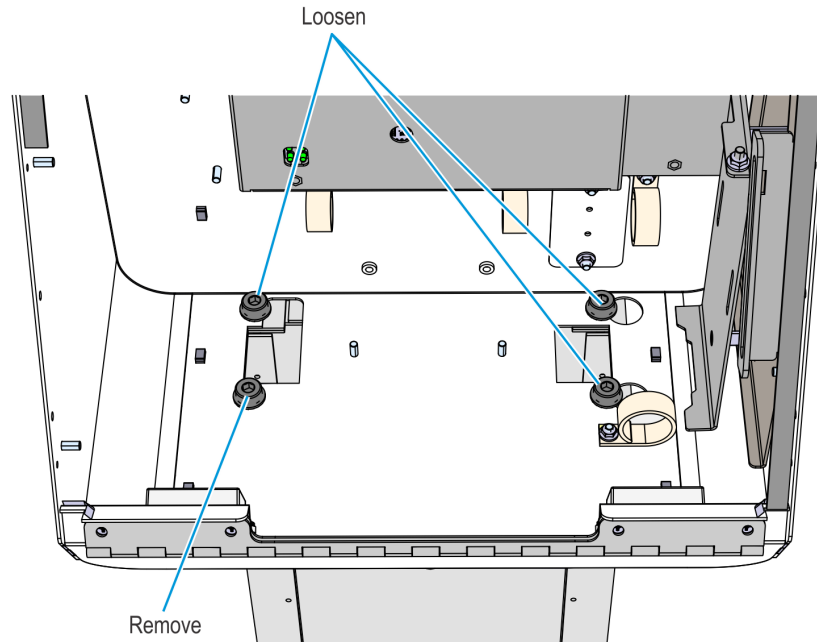


CCP-78478

8. Remove the kiosk head and the Sensormatic Backpack.
 - a. Remove one screw and loosen three screws that secure the kiosk to the pedestal.

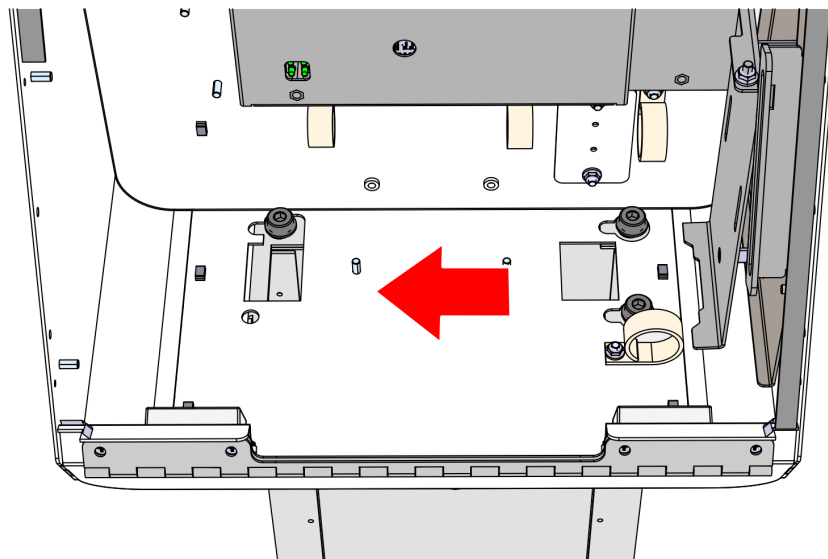


Caution: When loosening and removing the screws that secure the kiosk head and the Sensormatic Backpack to the pedestal, make sure that they are properly supported and will not fall off the pedestal.



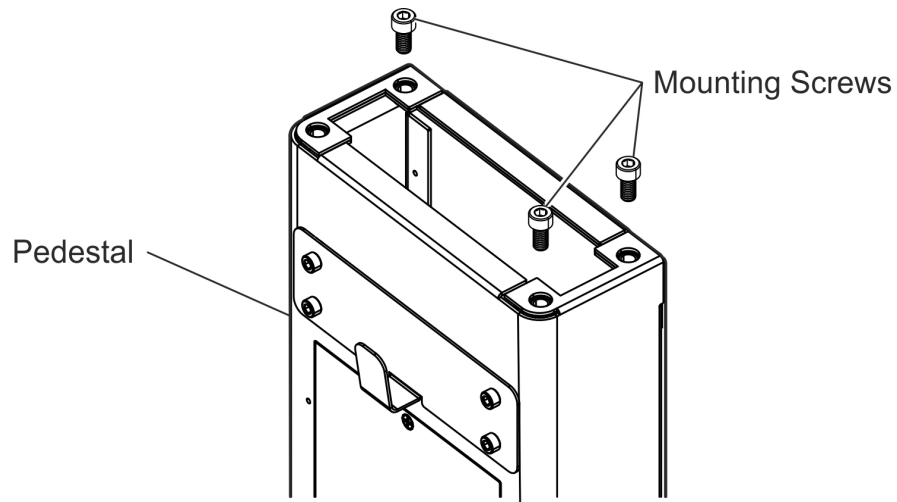
CCP-78750

- b. Slide the kiosk head to the left and lift it off of the pedestal.



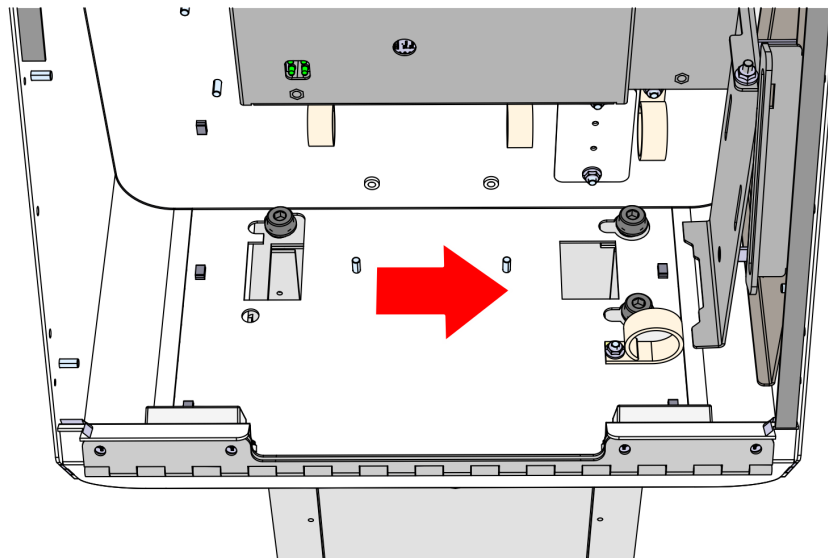
CCP-78752

- c. Remove the three remaining mounting screws that secure the Sensormatic Backpack to the pedestal, and then lift the Sensormatic Backpack off the pedestal.
9. Re-install the kiosk head onto the pedestal.
 - a. Install three mounting screws on the pedestal as shown in the following illustration. Do not tighten them to leave room for the kiosk head to slide under the screw heads and lock-washers.



ATL-33782

- b. Align the three mounting holes on the base of the kiosk with the three mounting screws on the pedestal, and then slide the kiosk to the right to lock it in place.

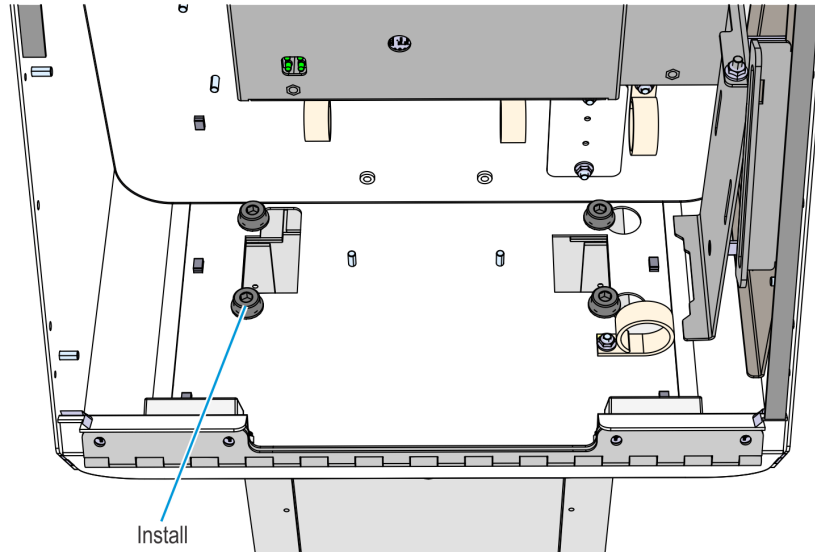


CCP-78751

- c. Install one mounting screw through the remaining mounting hole, and then tighten all four mounting screws.

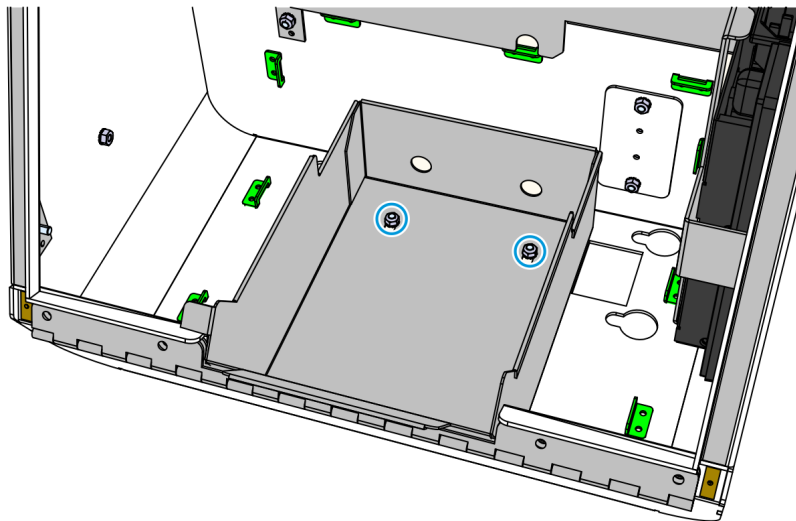


Note: Do not fully tighten any screw on the first turn. Use a stepping method when tightening the screws. Tighten each screw a little at a time to evenly install the kiosk to the pedestal.



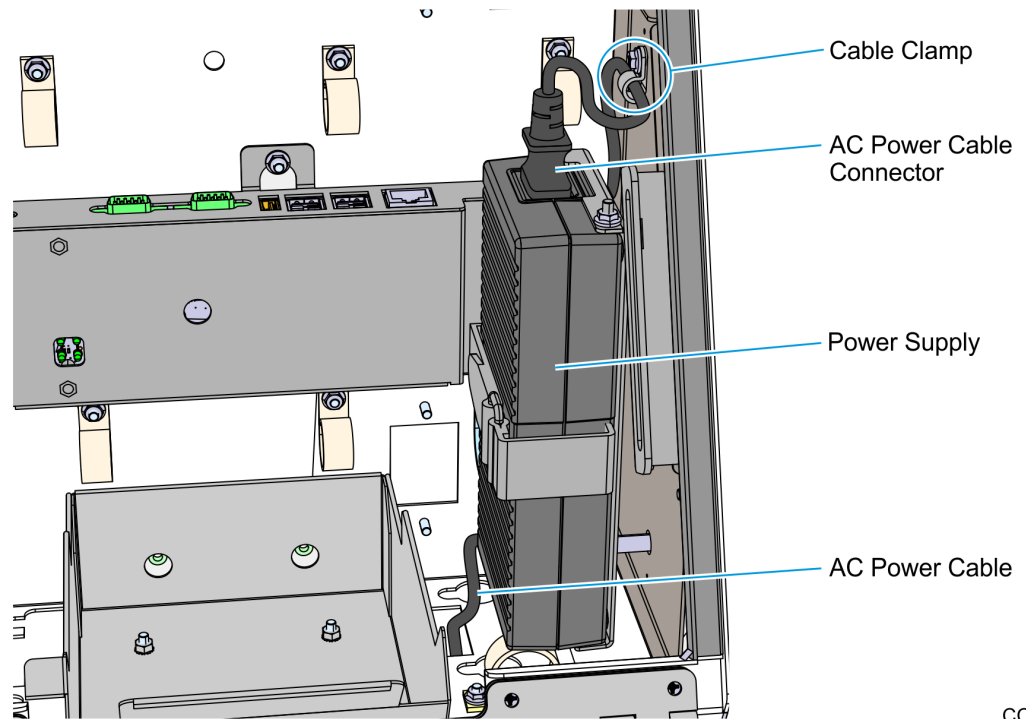
CCP-78753

10. Re-install the Coupon Bin on the kiosk cabinet and secure it using the two hex nuts.



CCP-78478

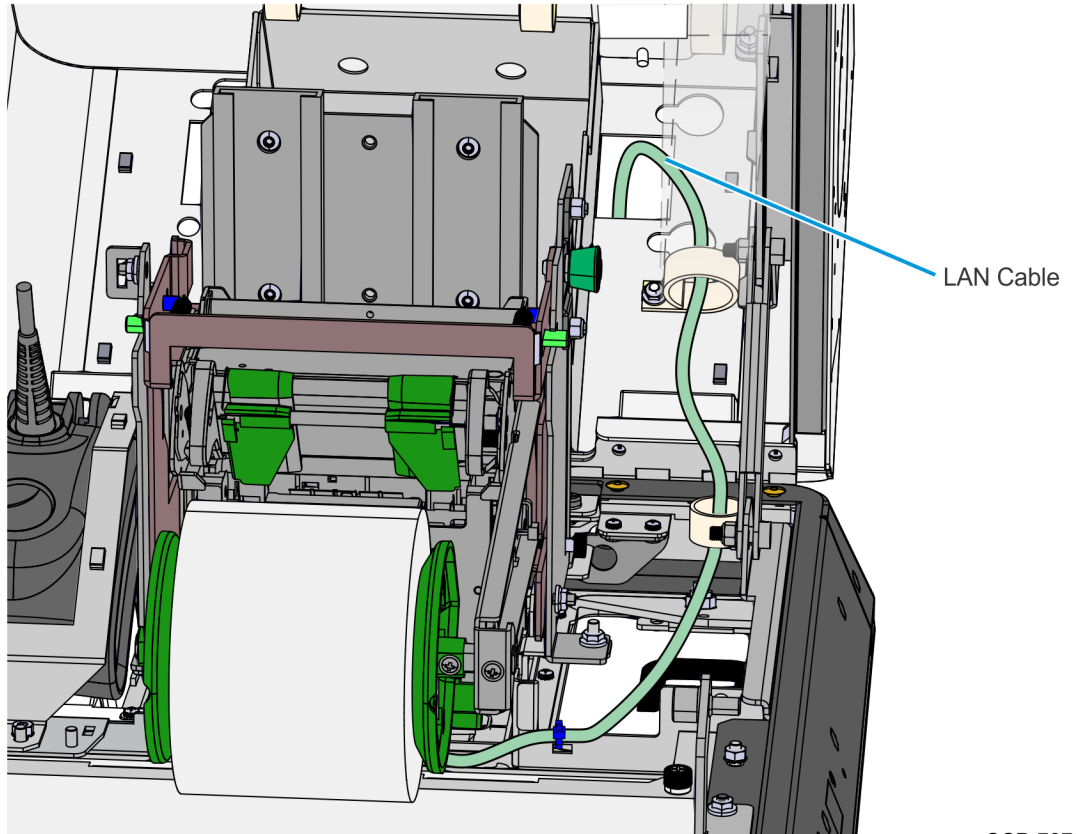
11. Reconnect the AC Power Cable to the Power Supply Unit.



CCP-78787

- a. Route the AC Power Cable back into the kiosk head, through the bottom access hole, and connect it to the Power Supply Unit.
- b. Insert the AC Power Cable into the cable clamp and then use a nut to secure the cable clamp to the cabinet.

12. Route the LAN cable towards the bottom of the Pedestal through the access hole on the right-hand side of the Coupon Bin.



CCP-78789

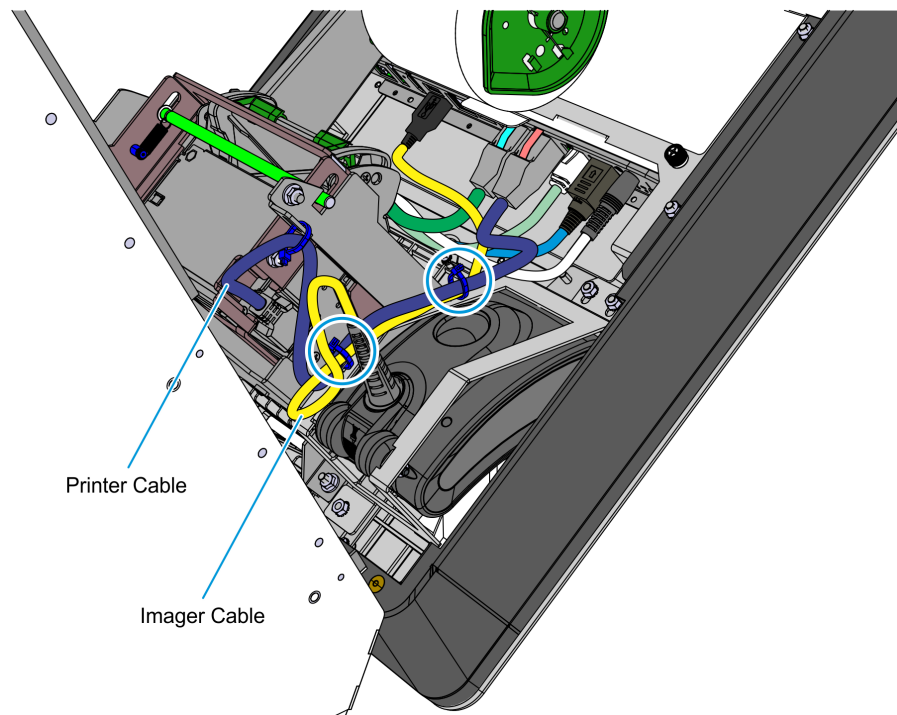
Removing the Imaging Scanner

Refer to the following sections for procedures in removing the Imaging Scanner from **NCR 7709 R2.x** units:

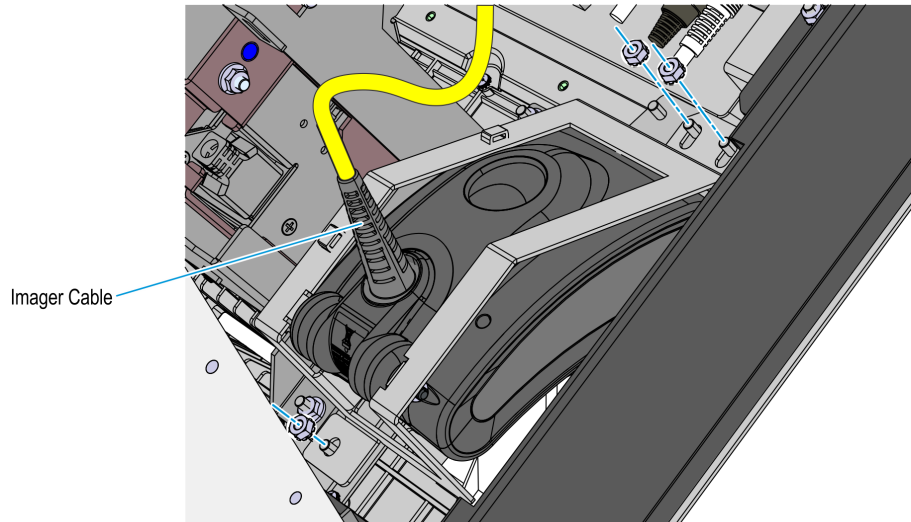
- [Removing the Honeywell 7580G Imaging Scanner](#) below
- [Removing the Datalogic 1500i Imaging Scanner](#) on the next page

Removing the Honeywell 7580G Imaging Scanner

1. Cut off the cable ties securing the cables routed at the back of the scanner.



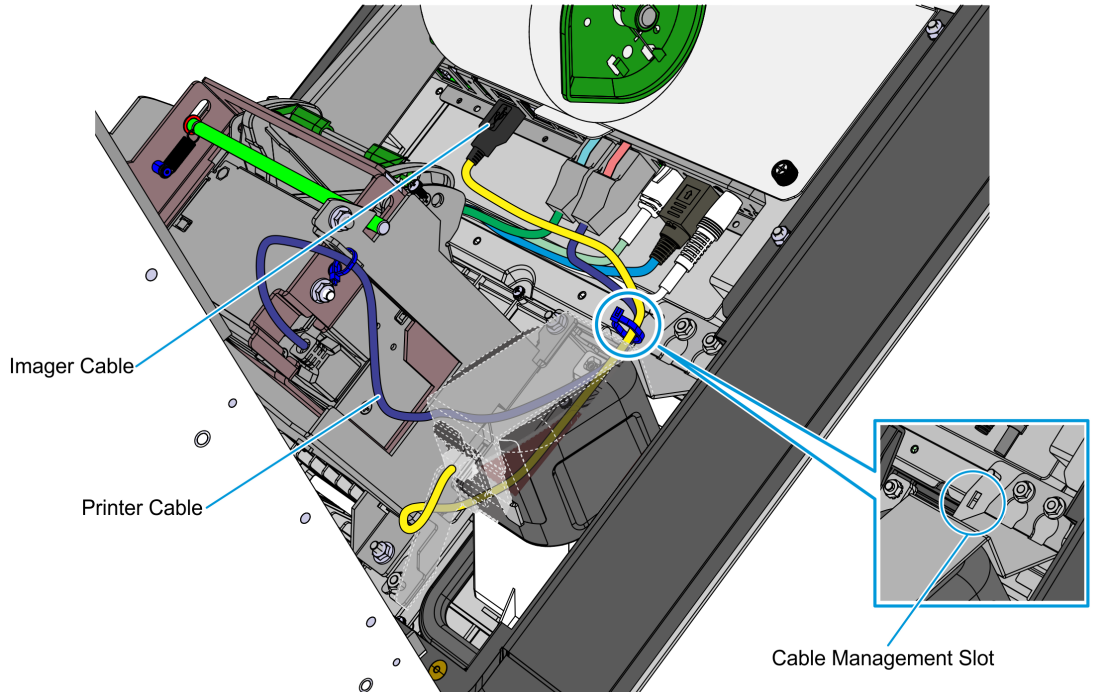
2. Remove the three nuts securing the Imager to the kiosk and then lift the Imager out of its mounting area.



CCP-77975

Removing the Datalogic 1500i Imaging Scanner

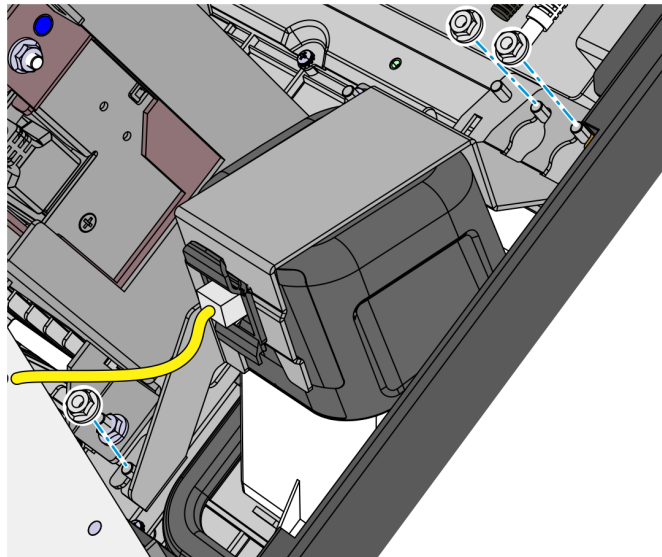
1. Remove the cable tie securing the Printer cable and the Imaging Scanner cable to the cable management slot shown in the image below.



CCP-79466

2. Disconnect the Imaging Scanner cable from the **USB B** port of the motherboard.

3. Remove the three nuts securing the Imaging Scanner assembly to the kiosk, and then remove the assembly from its mounting location.

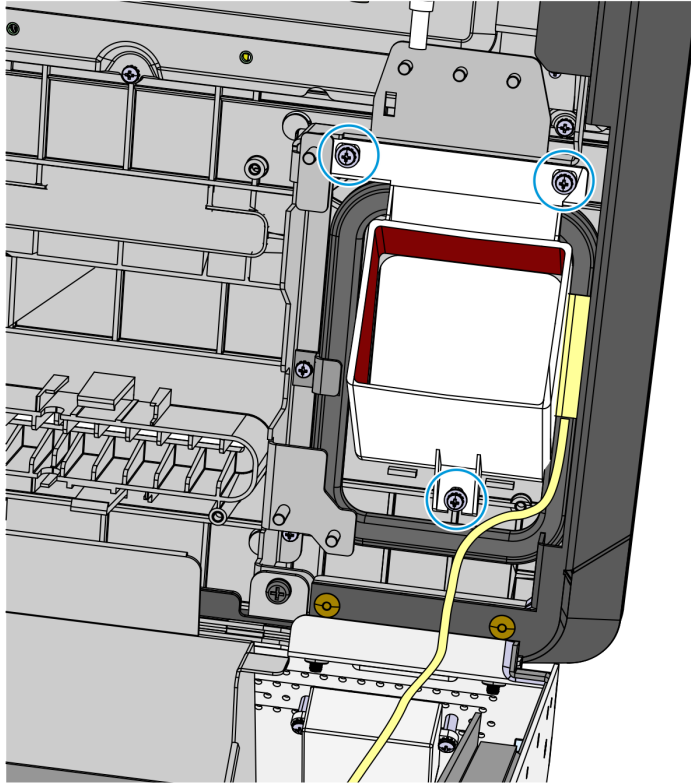


CCP-79470

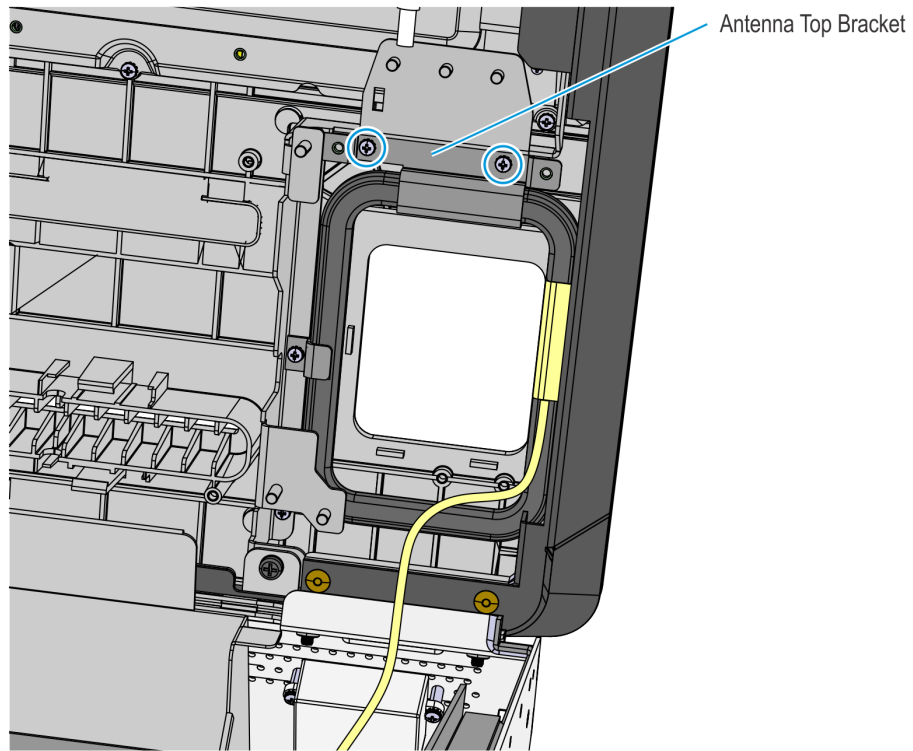
Removing the Sensormatic Antenna

1. Remove the three screws and washers securing the Imager Shield assembly, and then remove the assembly from the kiosk.

! Important: Do not throw away the screws and washers. Use these when re-installing the Imager Shield.

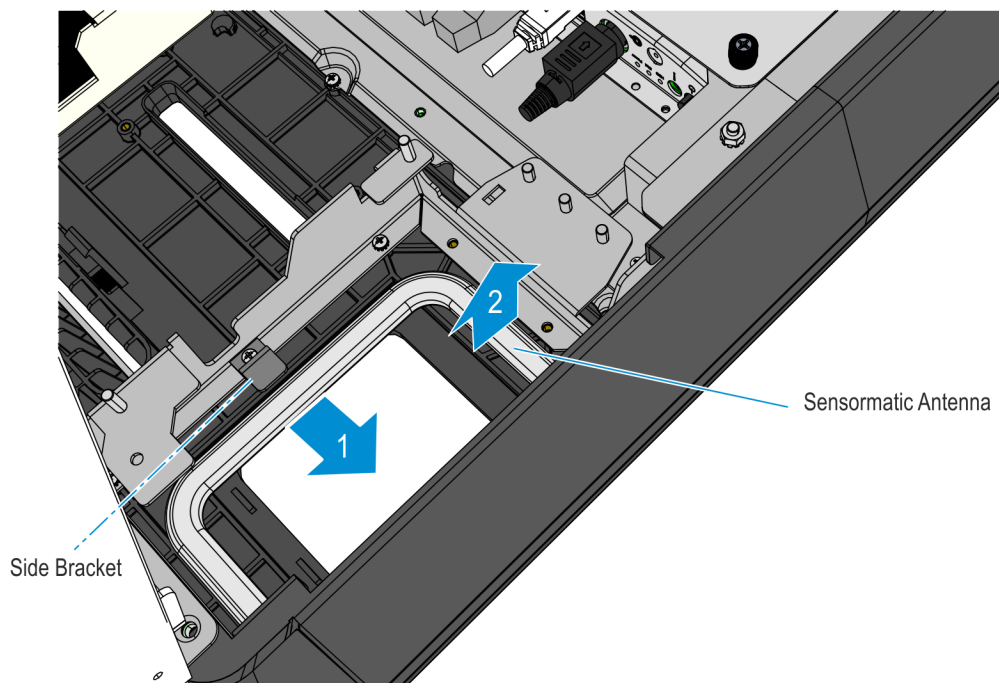


2. Remove the two screws securing the top antenna bracket.



CCP-78726

3. Remove the Sensormatic Antenna by sliding it away from the side bracket and then lifting it up from its mounting location.



CCP-73647

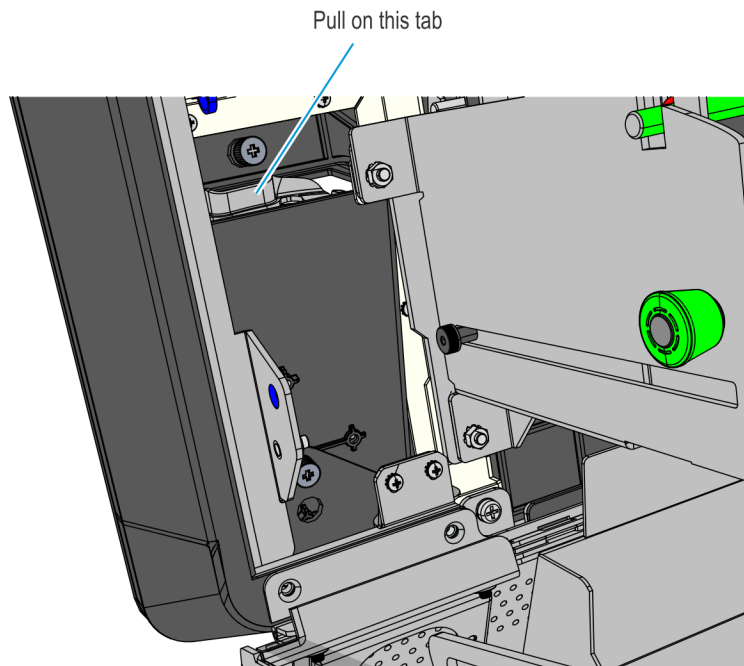
Removing the PIN Pad

Refer to the following for procedures in removing the PIN Pad from **NCR 7709 R2.x** units:

- [Removing the Ingenico IPP320/350 PIN Pad](#) below
- [Removing the Verifone VX805/820 PIN Pad](#) on page 80

Removing the Ingenico IPP320/350 PIN Pad

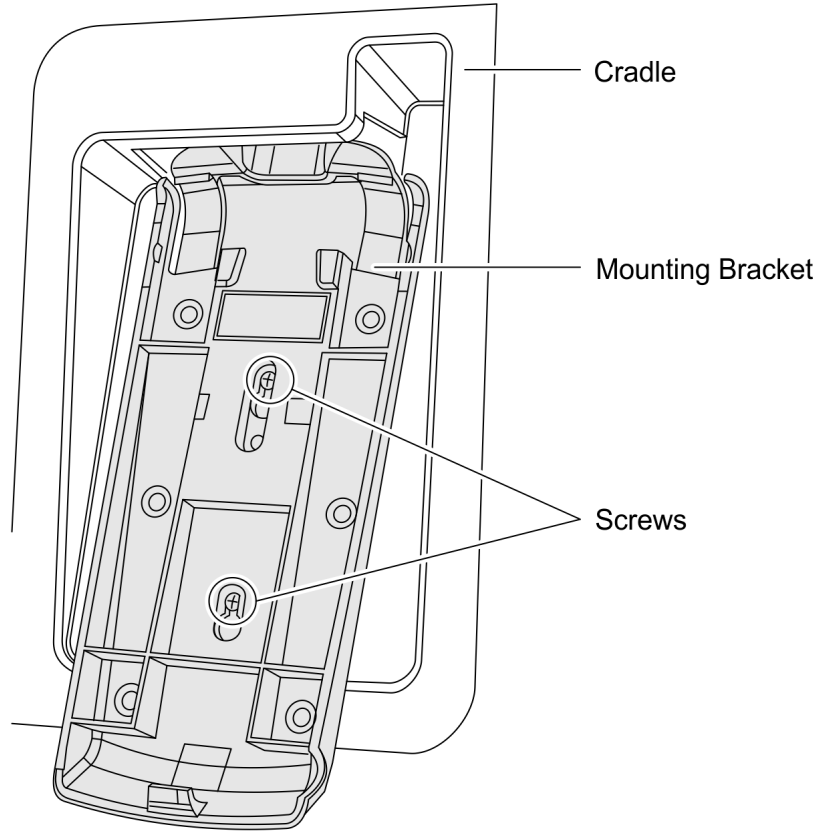
1. While holding the PIN Pad from outside of the kiosk, pull on the tab on the upper portion of the Mounting Bracket (accessed from the inside of the kiosk), and then remove the PIN Pad.



CCP-77992

2. Disconnect the PIN Pad Cable from the PIN Pad.

3. Loosen the two screws that secure the Mounting Bracket to the PIN Pad Cradle.

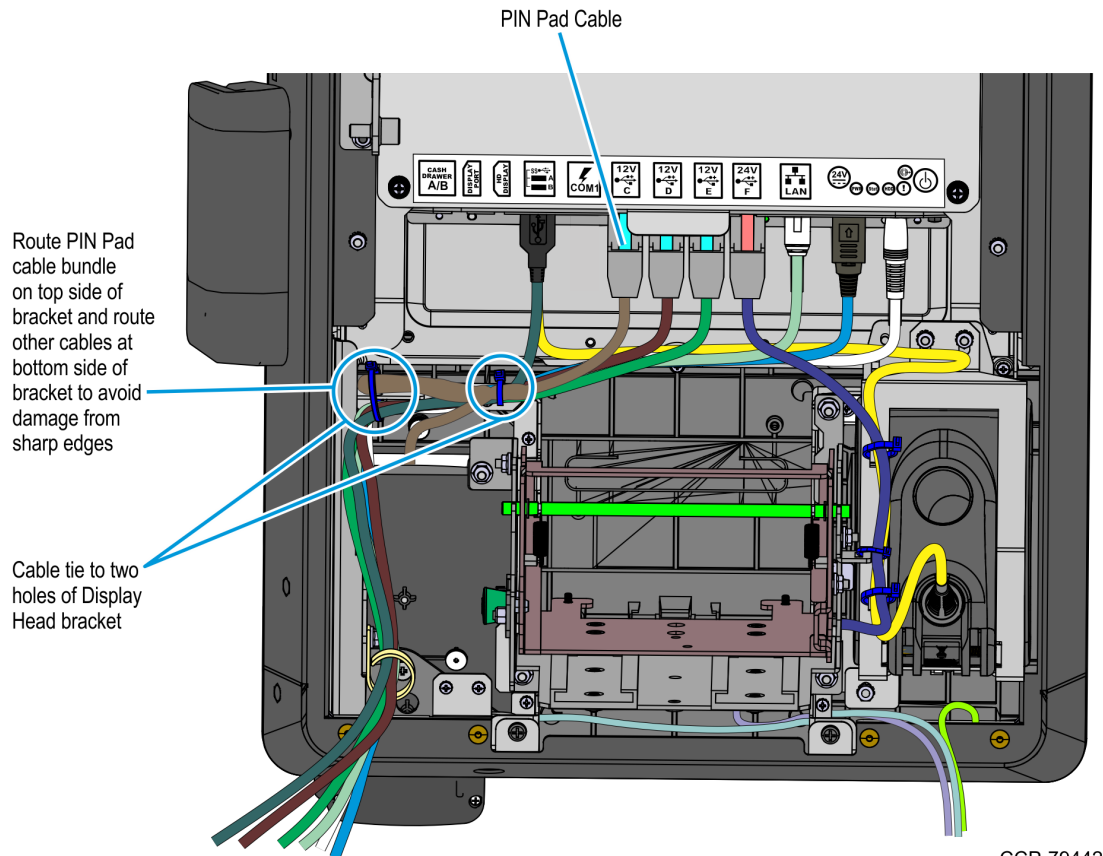


CCP-60090

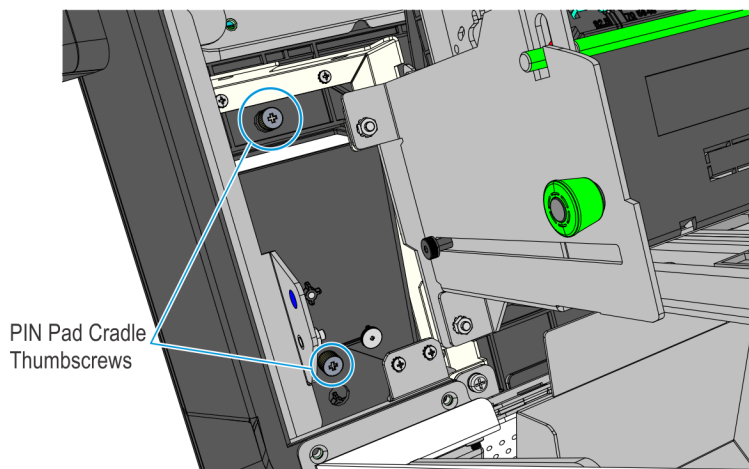
4. Slide up and remove the Mounting Bracket.

Removing the Verifone VX805/820 PIN Pad

1. Disconnect the PIN Pad Cable from the Motherboard and cut off cable ties as necessary.



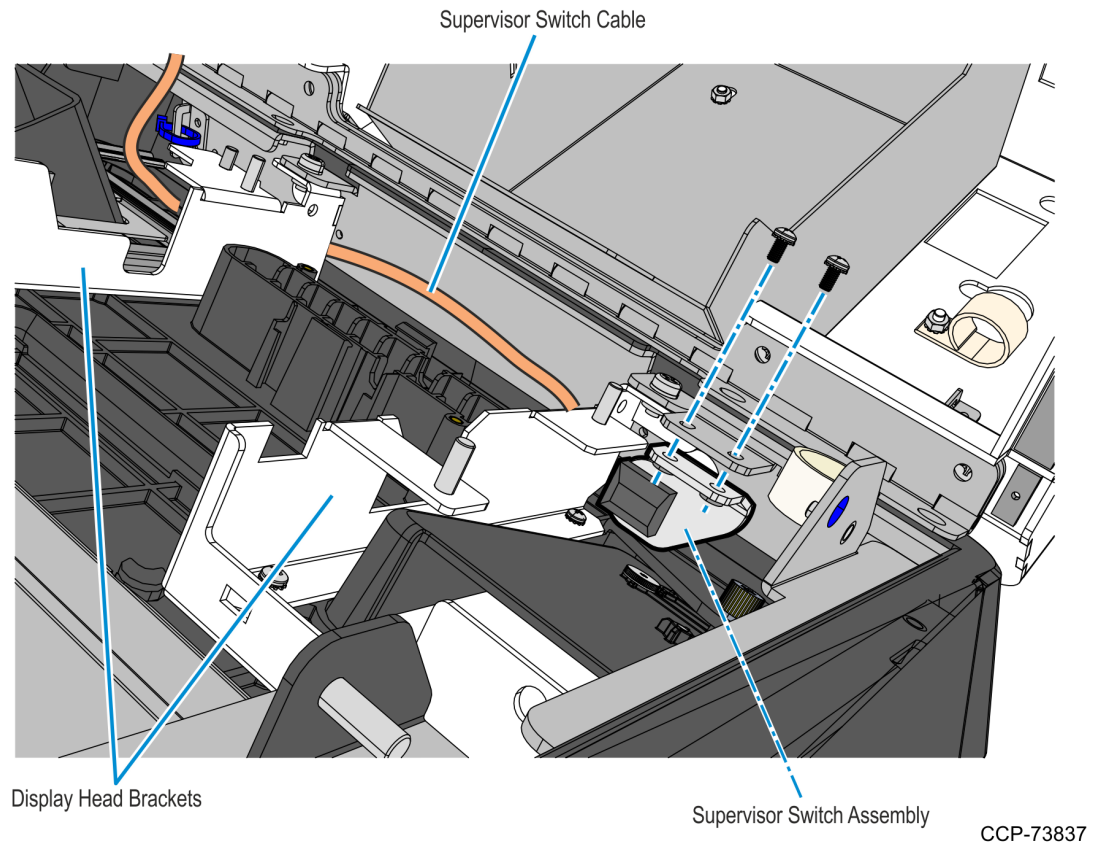
2. While holding the PIN Pad from outside the Kiosk, loosen the two thumb screws securing the PIN Pad Cradle to the Display Head and then remove the PIN Pad and PIN Pad Cradle Assembly.



3. Remove the two screws securing the PIN Pad to the PIN Pad Cradle.
4. Disconnect the PIN Pad Cable from the PIN pad.

Removing the Supervisor Switch

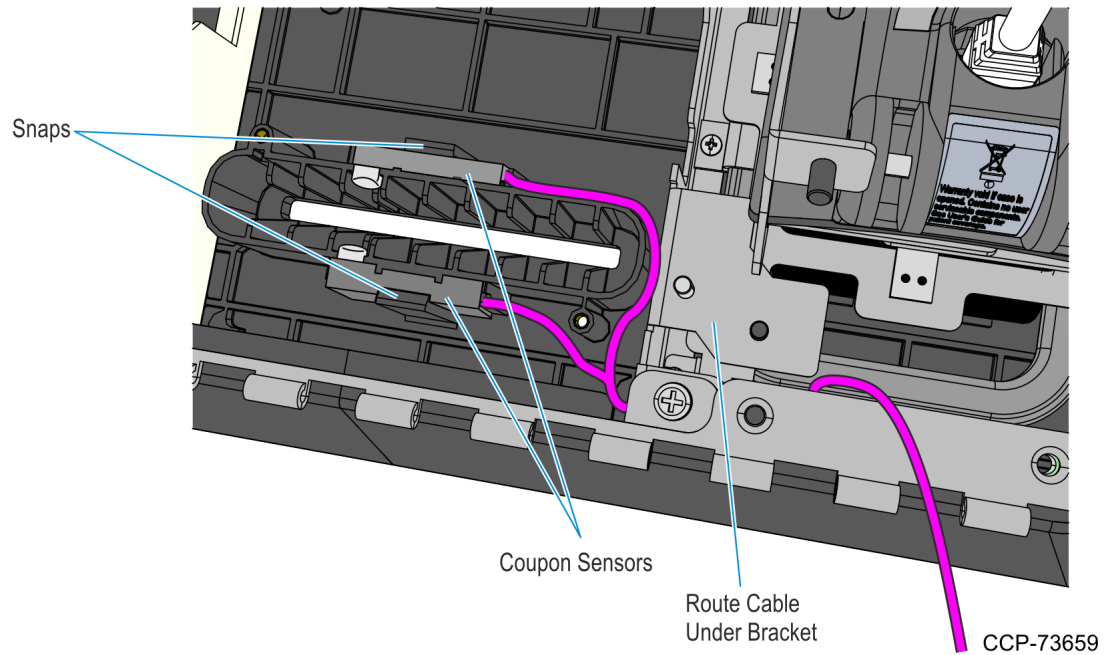
1. Remove the two M4 screws securing the Supervisor Switch assembly to the Display Head and route out the cable from under the two Display Head Brackets shown below.



2. Remove cable tie that secures the Supervisor Switch cable to the Display Head, and then temporarily place the Supervisor Switch assembly inside the main cabinet.

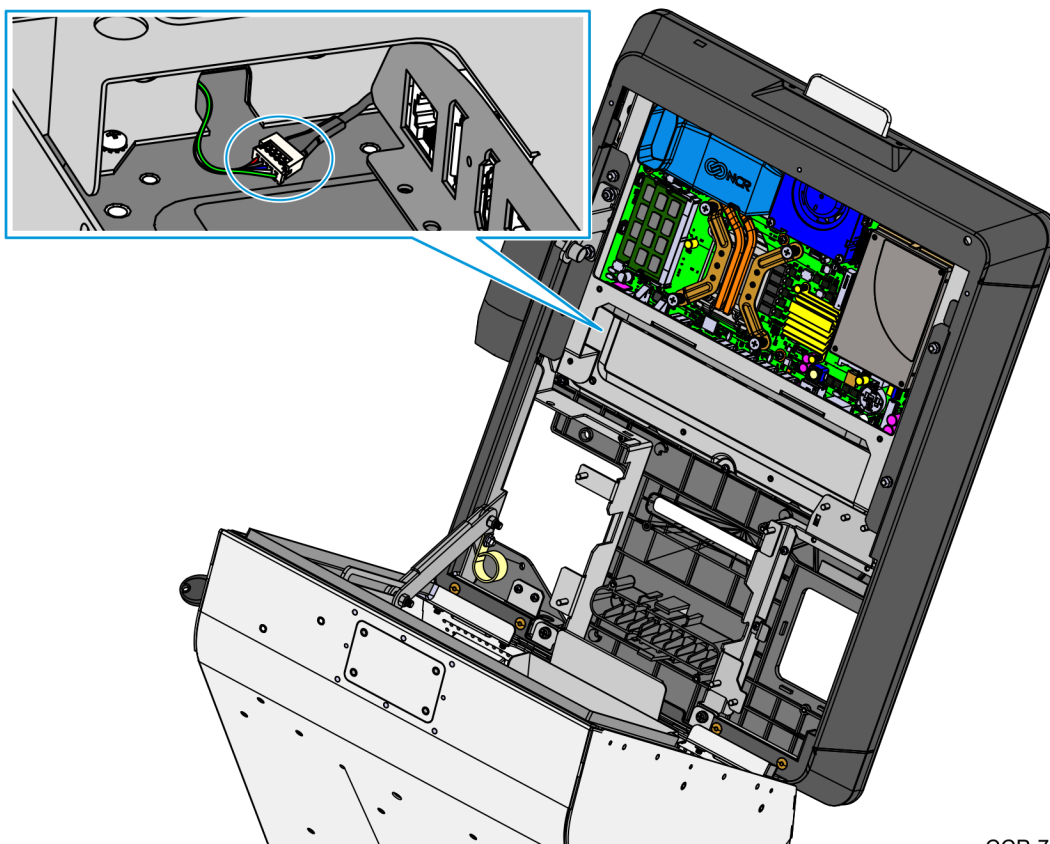
Removing the Coupon Sensors

- Remove the Coupon Sensors from the Cable Snaps and route the cable out of the bracket.



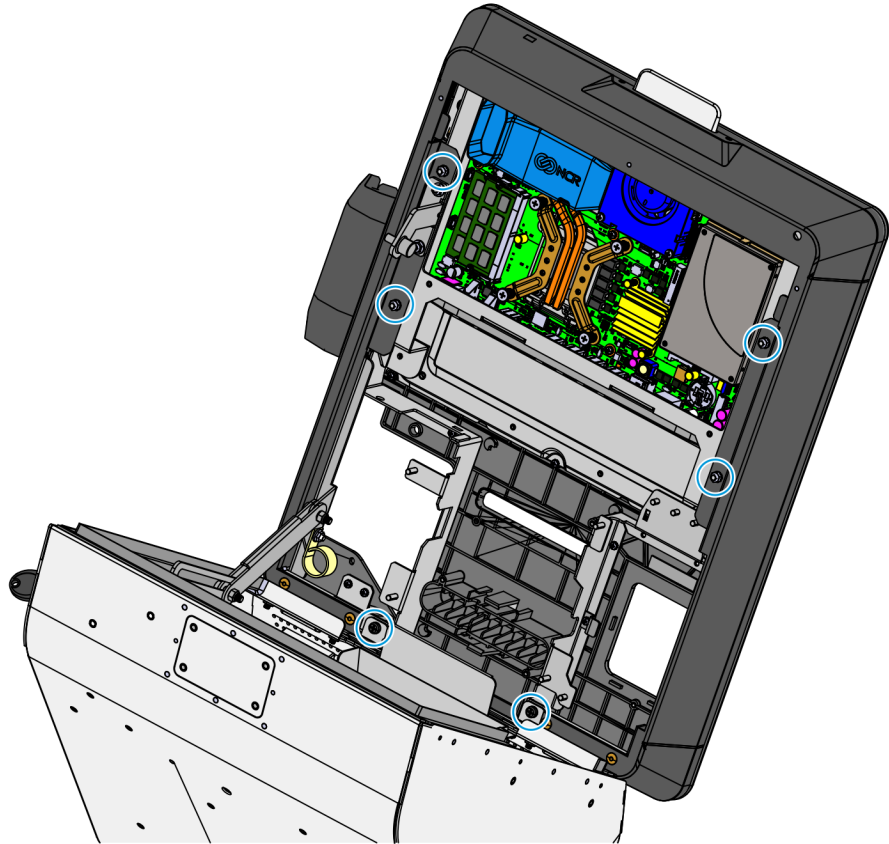
Removing the Display Head

1. Underneath the left-hand motherboard cover bracket, disconnect the MSR cable from its extension cable.



2. While supporting the Motherboard and Display assembly on the front side, remove the following:

- two nuts on the right-hand side bracket
- two nuts on the left-hand side bracket
- two screws on the bottom brackets.



CCP-79806

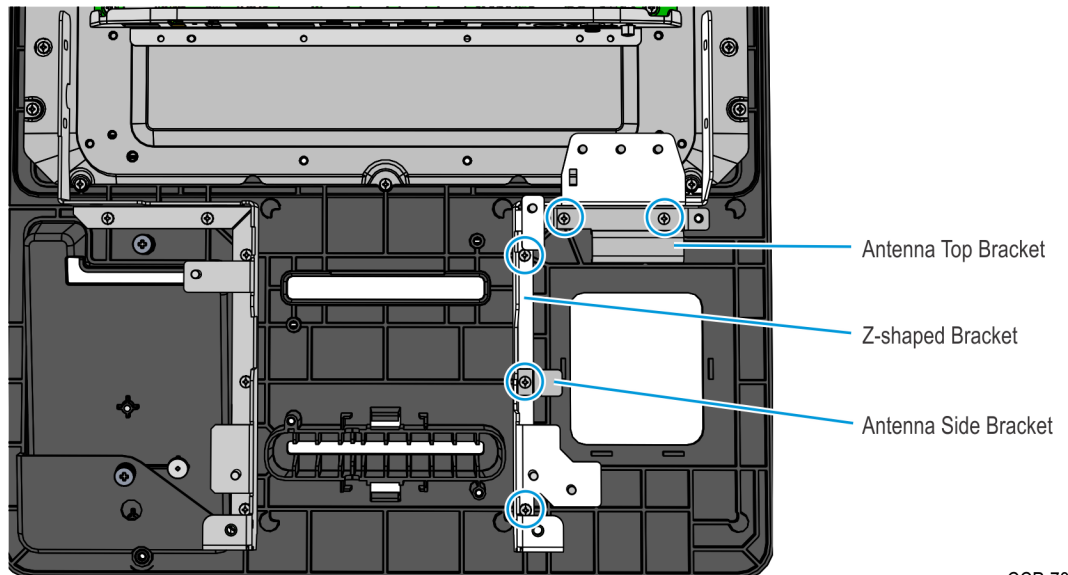
3. Carefully place the front of the kiosk on a flat surface cushioned with bubble wrap or soft cloth.



Caution: Be careful not to scratch nor damage the display.

Removing the Printer Z-shaped Bracket and Sensormatic Brackets

- Remove the screws that secure the Printer Z-shaped Bracket and the Sensormatic Brackets (if present) to the back of the display.



CCP-78709



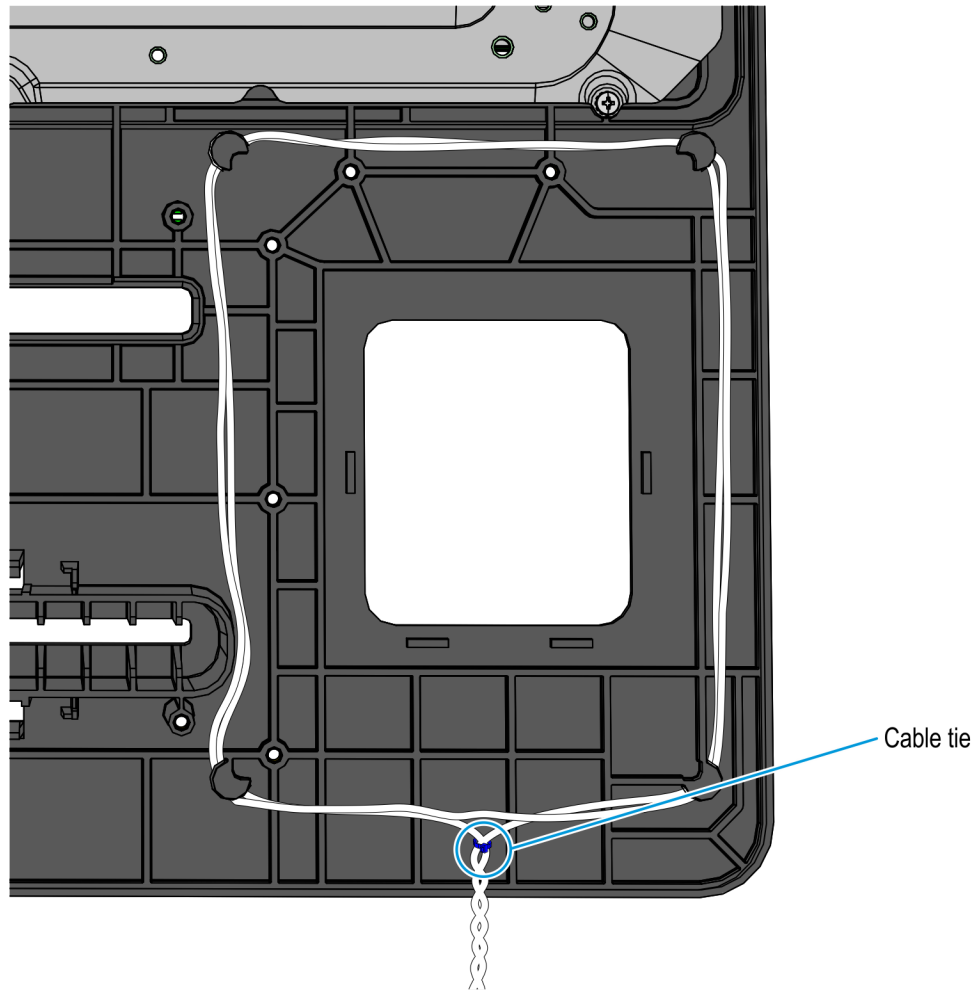
Note: If the kiosk previously includes the Sensormatic Antenna feature, the Sensormatic Antenna Top Bracket is removed before removing the Sensormatic Antenna. For more information, refer to [Removing the Sensormatic Antenna](#) on page 76.

Installing the Checkpoint Antenna Cable

- Loop the Checkpoint Antenna Cable **twice** around the scanning window, positioning the cable tie on the bottom of the loop.

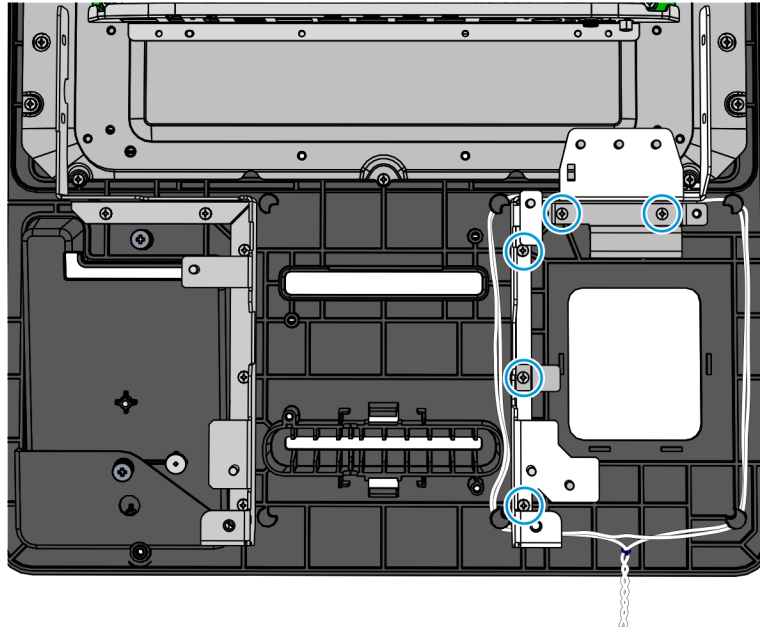


Note: If the cable loop is too tight, pull the cable tie downward and adjust the loop.



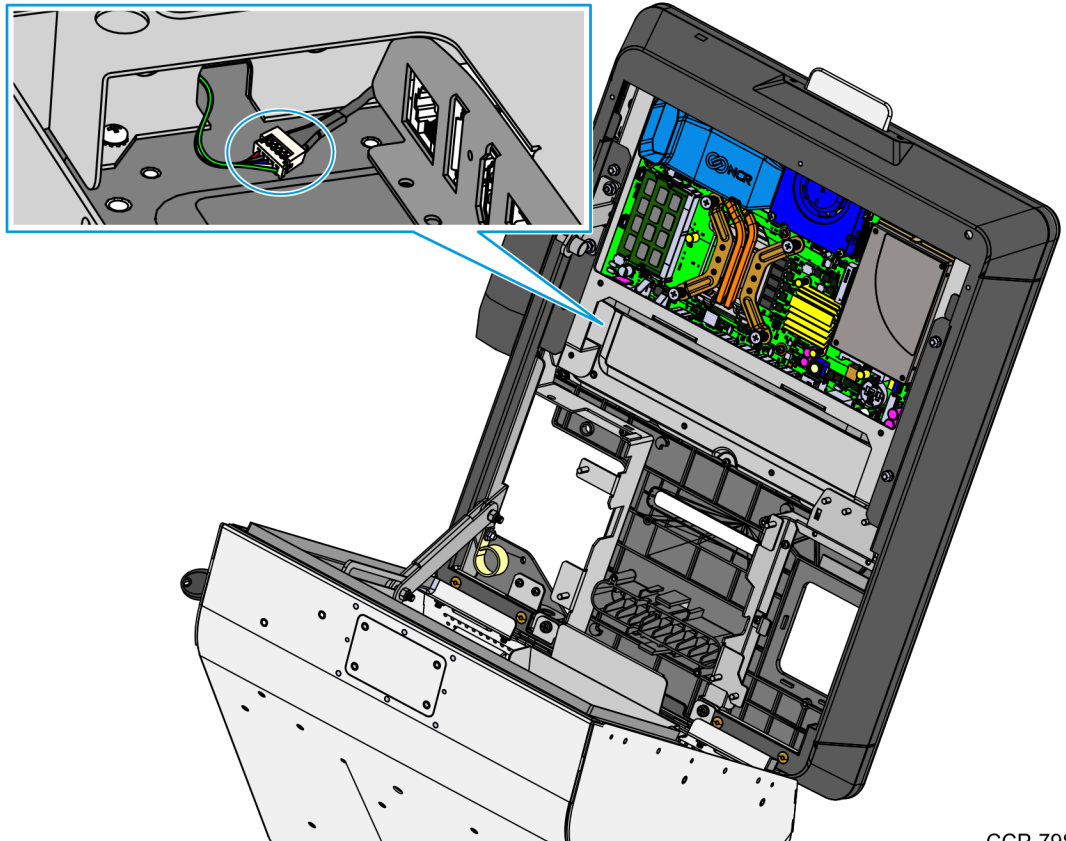
Installing the Printer Z-shaped Bracket and Sensormatic Brackets

- Re-install the Printer Z-shaped Bracket and the Sensormatic Brackets (if present), and then secure with five screws.



Installing the Display Head

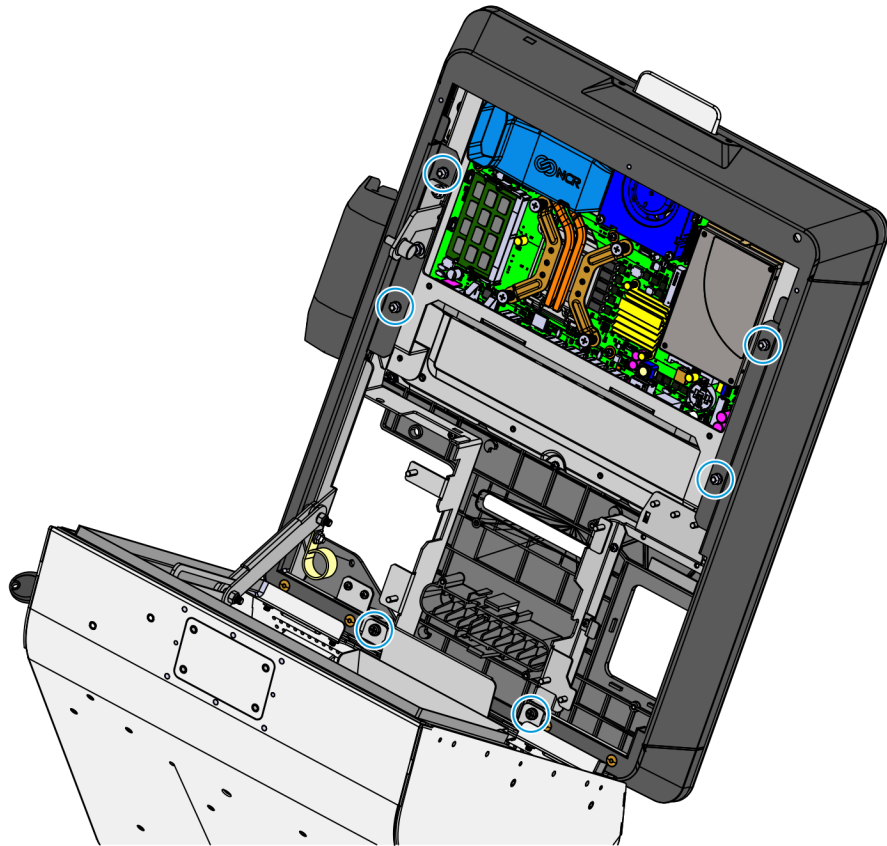
1. Position the Display Head assembly in front of the Display Rear Cover, inserting the MSR cable into the access hole of the Motherboard Bracket.



CCP-79807

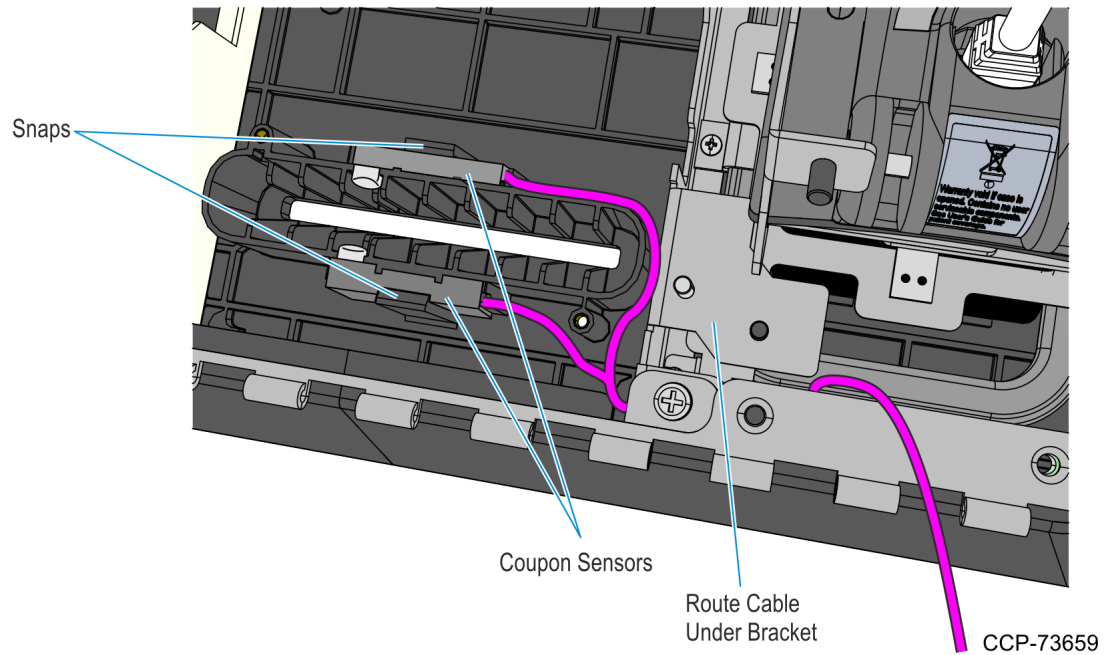
2. Secure the Display Head assembly to the cover using the following:

- two nuts on the right-hand side bracket
- two nuts on the left-hand side bracket
- two screws on the bottom brackets



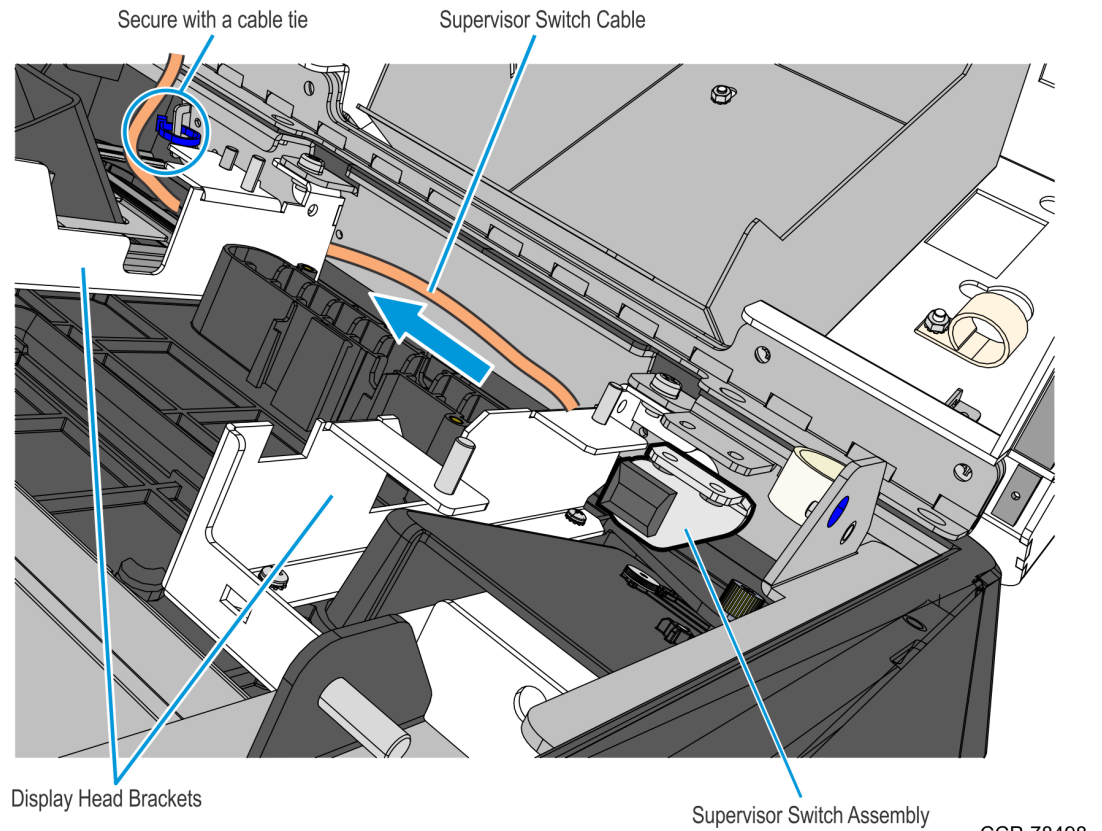
Installing the Coupon Sensors

- On the Display Head, route the cable under the Imager Bracket and snap the Coupon Sensors near the coupon entry slot.



Installing the Supervisor Switch

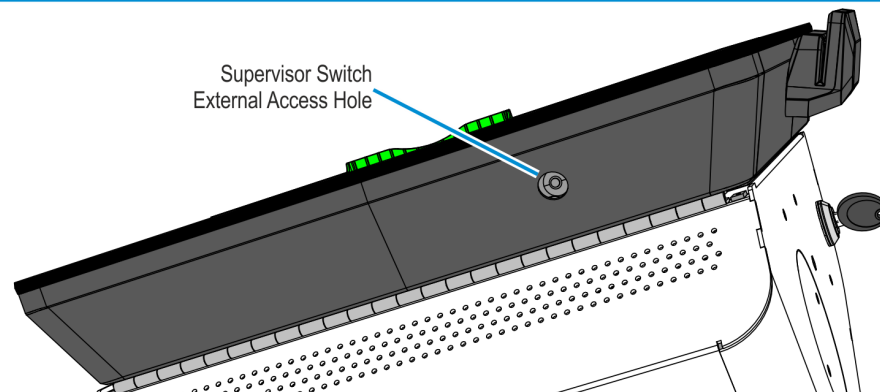
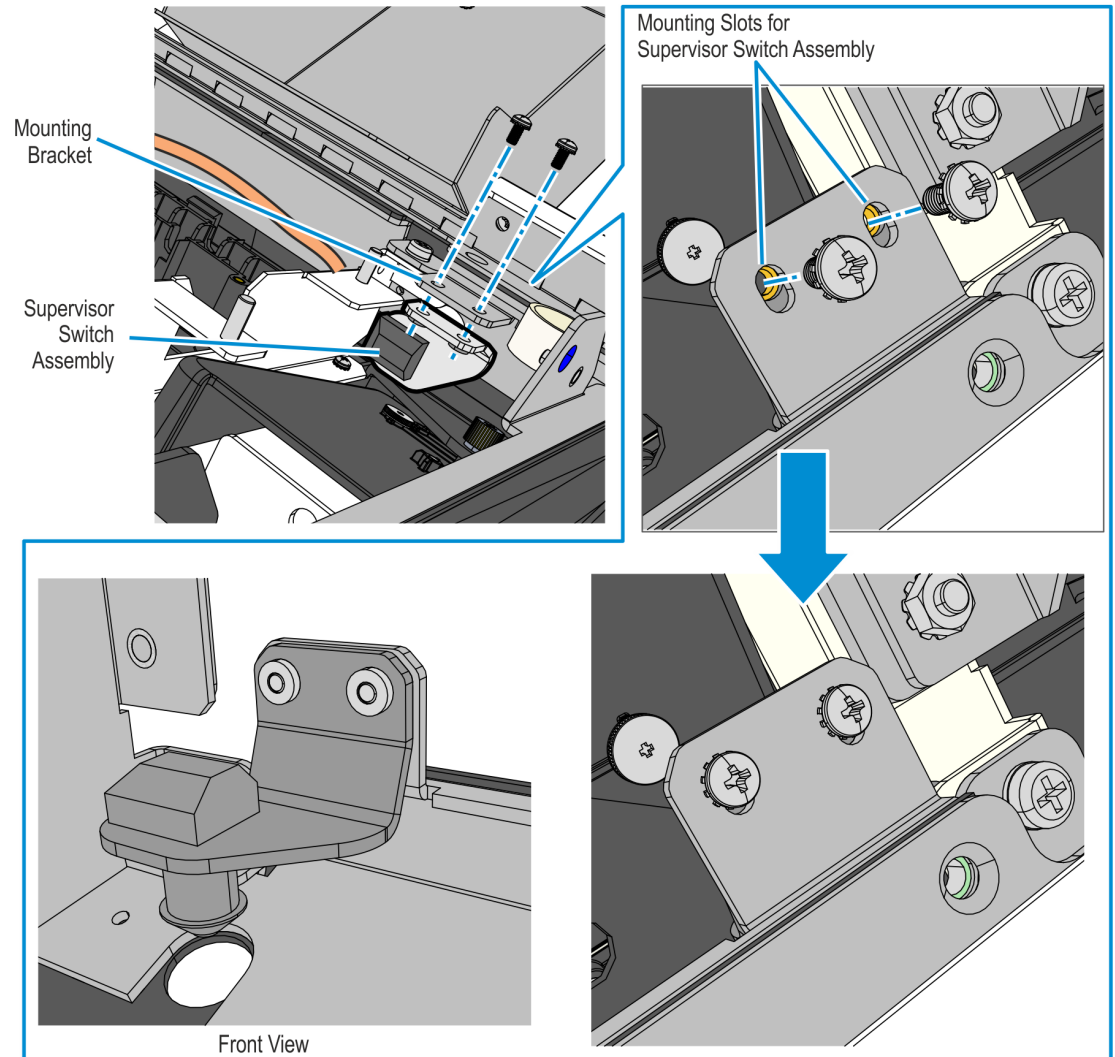
1. Route the Supervisor Cable from the PIN Pad side towards the Imager side, passing the cable under the two Display Head Brackets shown below. Using a cable tie, secure the Supervisor Switch cable to the Display Head.



2. Mount and secure the Supervisor Switch assembly to the Display Head using two screws.

! Important: Make sure that the Supervisor assembly is mounted parallel with its mounting bracket and secured to the top side of the mounting slots.

This position provides the appropriate space for the assembly and properly aligns the Supervisor Switch to its external access hole.



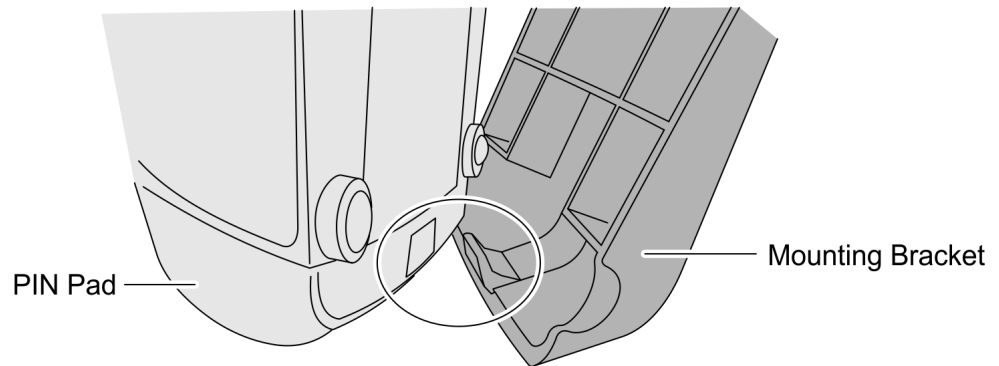
Installing the PIN Pad

Refer to the following sections for procedures in installing the PIN Pad on **NCR 7709 R2.x** units:

- [Installing the Ingenico IPP320/350 PIN Pad](#) below
- [Installing the Verifone VX805/820 PIN Pad](#) on the next page

Installing the Ingenico IPP320/350 PIN Pad

1. Position the Mounting Bracket onto the screws, and then tighten the screws.
2. Connect the PIN Pad Cable to the PIN Pad.
3. Mount the PIN Pad to the Mounting Bracket by aligning the slot on the lower back of the PIN Pad with the small tab on the lower portion of the Mounting Bracket.

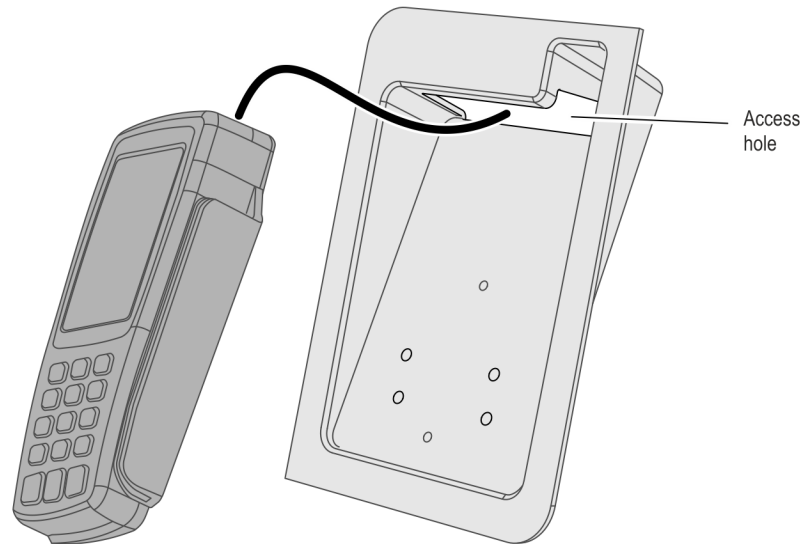


CCP-60071

4. Push the PIN Pad until it snaps to the upper portion of the Mounting Bracket.

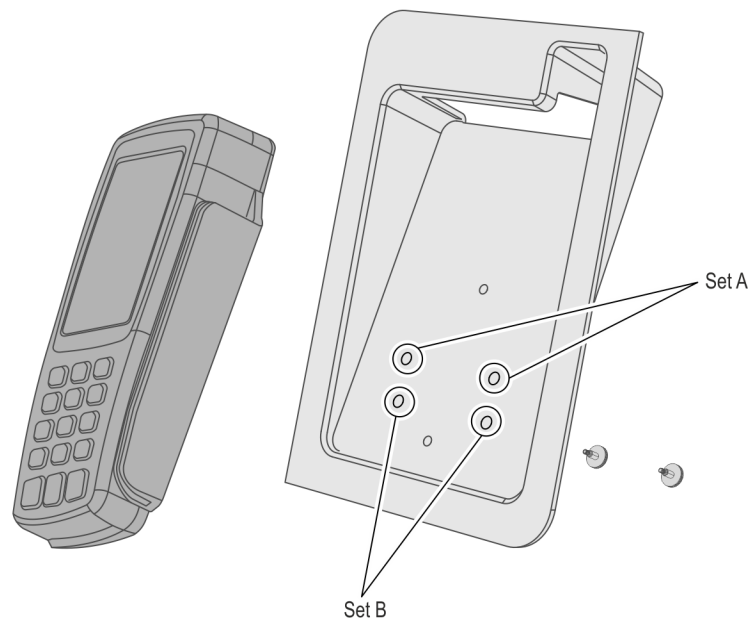
Installing the Verifone VX805/820 PIN Pad

1. Connect the PIN Pad Cable to the PIN pad and route the cable through the access hole on the PIN Pad cradle.



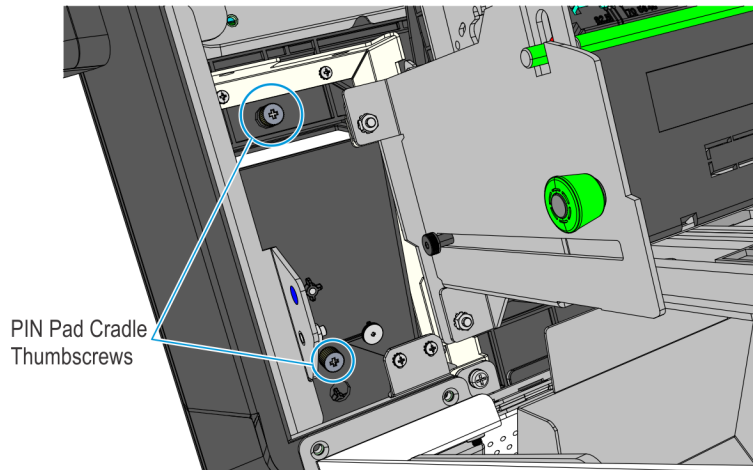
CCP-61344

2. Align the PIN pad mounting holes to the appropriate mounting holes set on the PIN pad cradle as shown below and secure the PIN Pad with two screws.
 - Use Set A mounting holes for VX 805 PIN pad.
 - Use Set B mounting holes for VX820 PIN pad



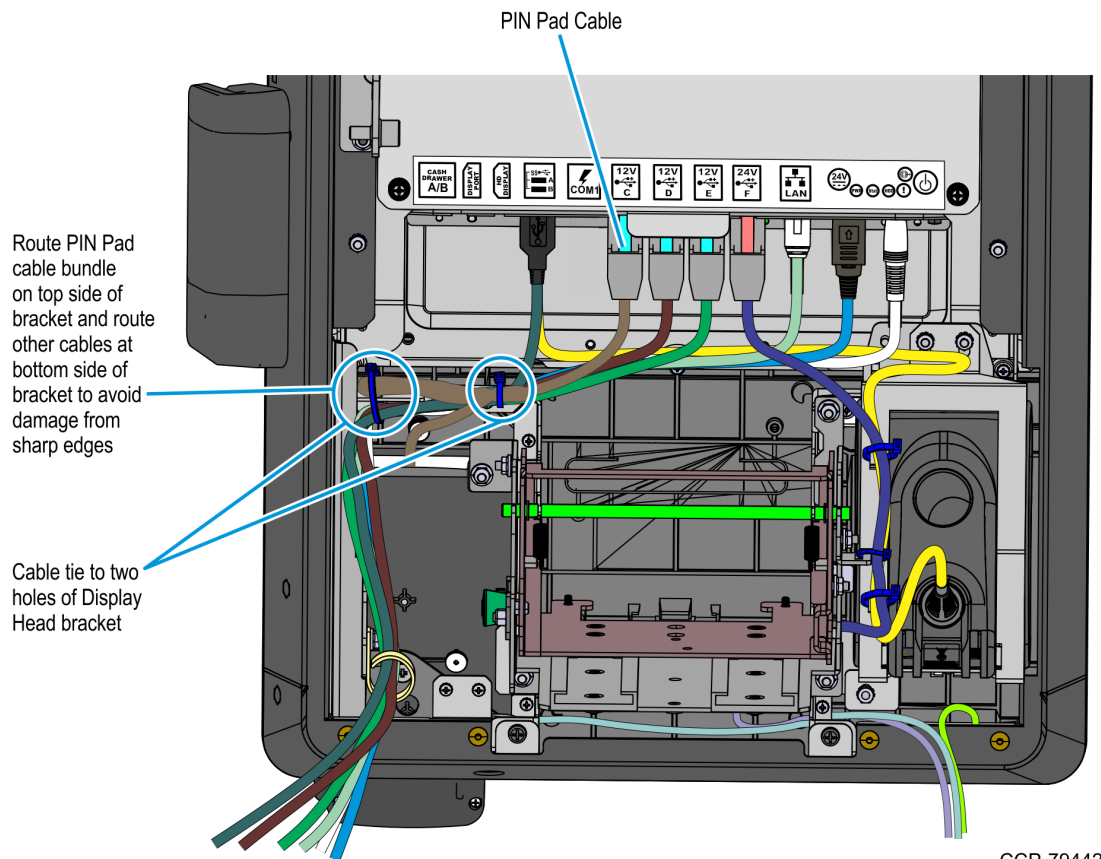
CCP-61346

3. Mount the PIN Pad and Cradle Assembly on the Display head and secure with two thumbscrews.



CCP-78706

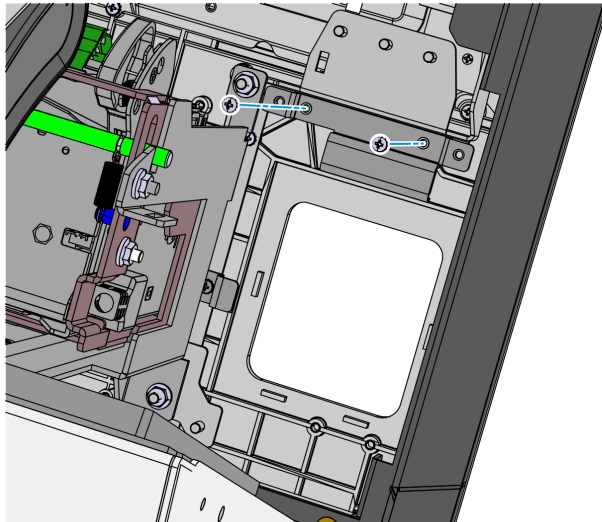
4. Connect the PIN Pad Cable to the PIN Pad. Cable tie the extra length of the cable as shown below.



CCP-79442

Installing the Imager Shield

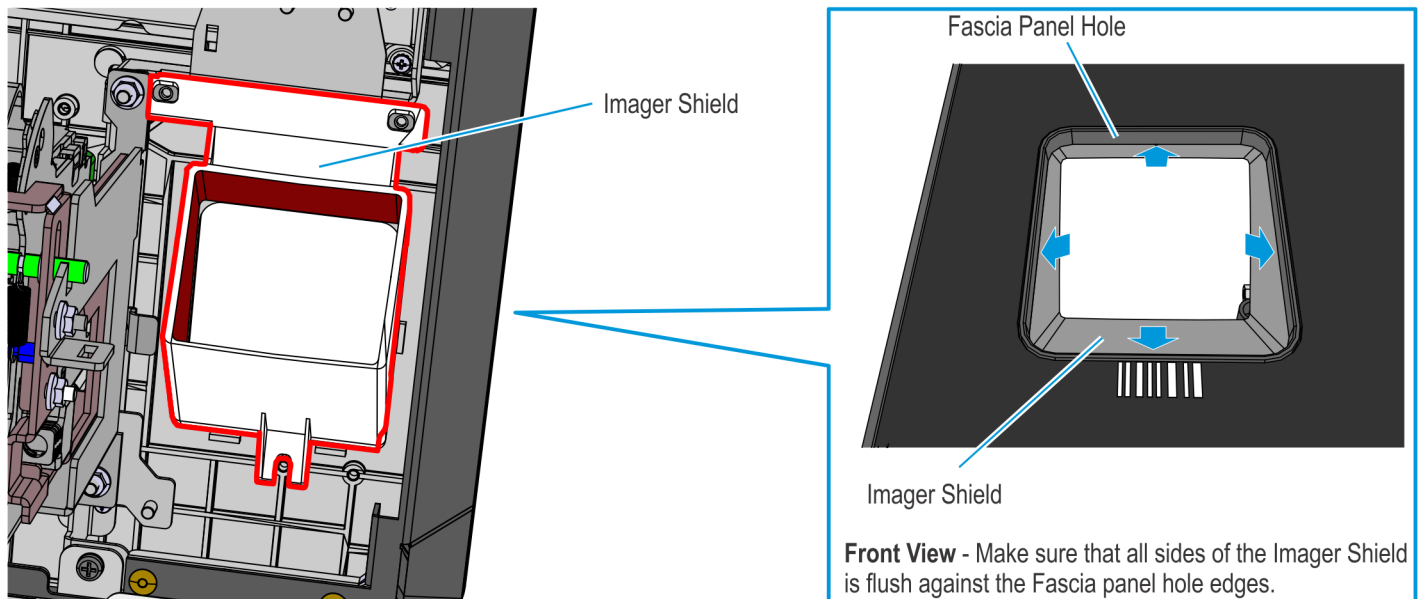
1. Mount and secure the Antenna Top Bracket using two screws.



CCP-77969

2. Mount the Imager Shield assembly over the antenna.

! Important: On the front side of the fascia, make sure that there is no gap between the Imager Shield and Fascia panel. All sides of the Imager Shield should be flush against the Fascia Panel. Adjust the alignment of the Imager Shield accordingly.

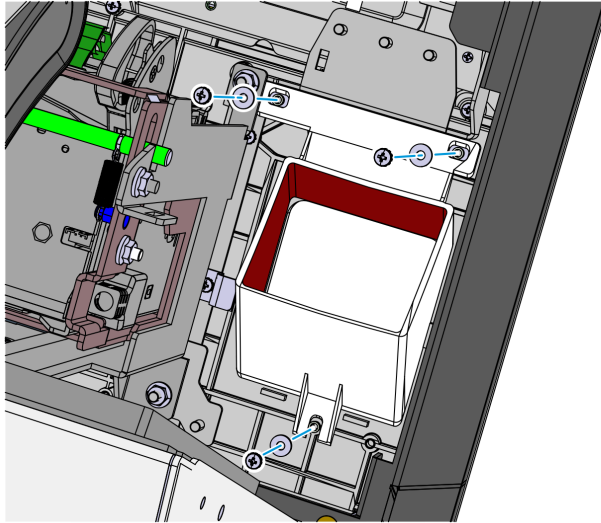


CCP-79164

- Secure the Imager Shield assembly using three M3 screws and plastic washers.



Caution: Make sure that the plastic washers are installed with the screws. These washers help protect the Imager from electromagnetic waves given off by the antenna.



Installing the Imaging Scanner

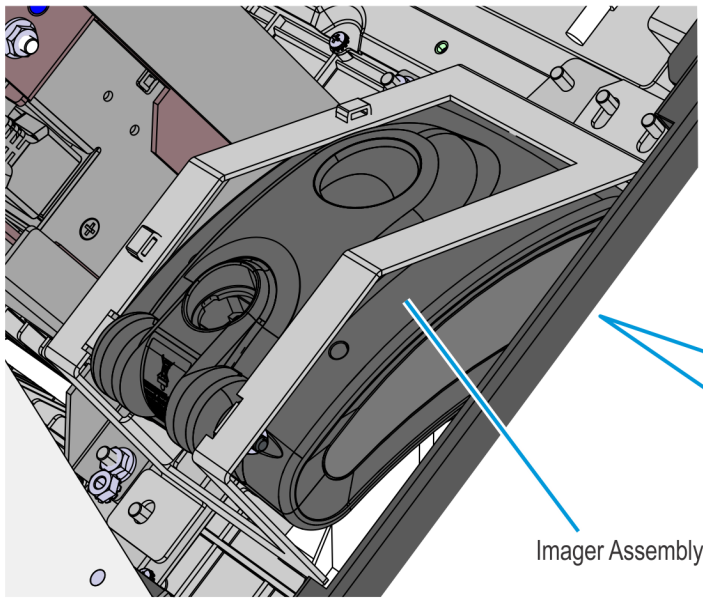
Refer to the following sections for procedures in installing the Imaging Scanner on **NCR 7709 R2.x** units:

- [Installing the Honeywell 7580G Imaging Scanner](#) below
- [Installing the Datalogic 1500i Imaging Scanner](#) on page 100

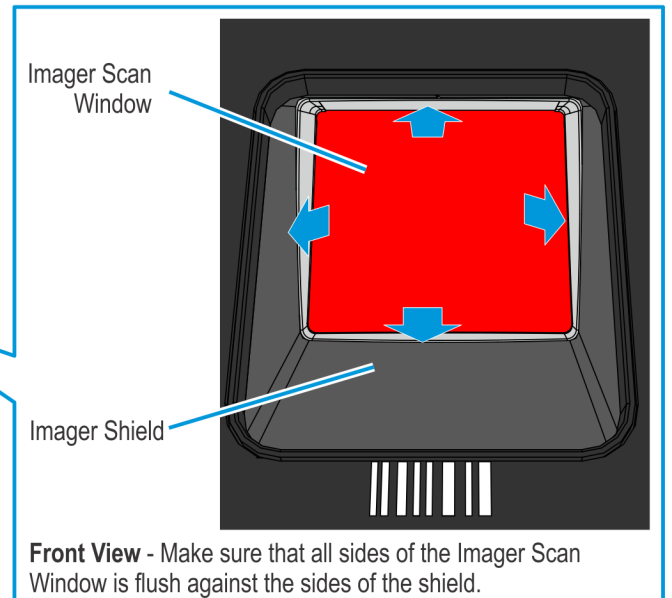
Installing the Honeywell 7580G Imaging Scanner

1. Mount the Imager assembly over the Imager Shield.

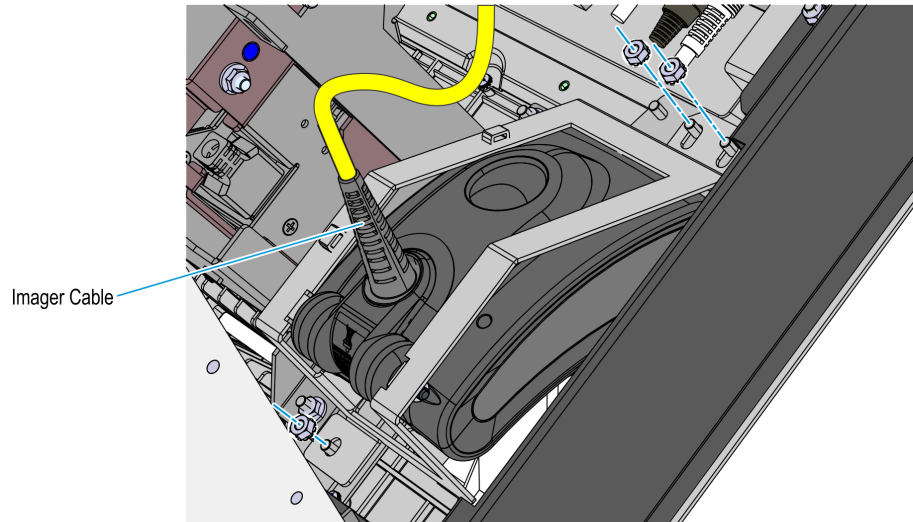
! Important: On the front side of the fascia, make sure that all sides of the Imager Scan Window is flush against the sides of the Imager Shield. Adjust the alignment of the Imager accordingly.



Rear View



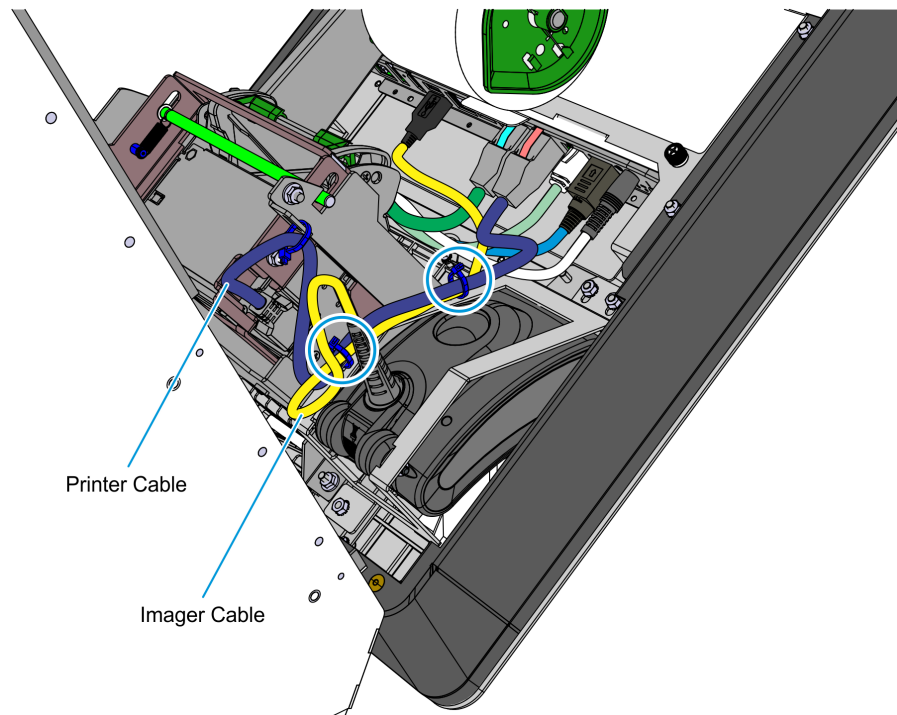
2. Secure the Imager assembly to the kiosk using three nuts.



CCP-77975

3. Bundle the following cables together and secure them to the Imager bracket using two cable ties:

- Imager cable
- Printer cable

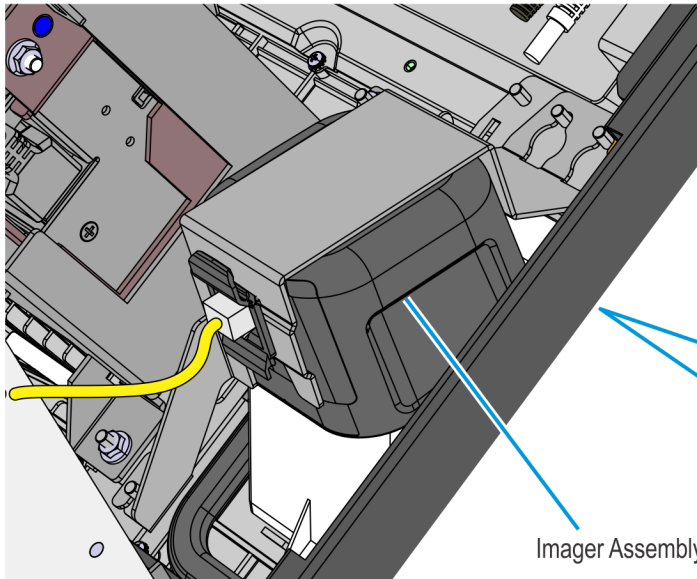


CCP-77965

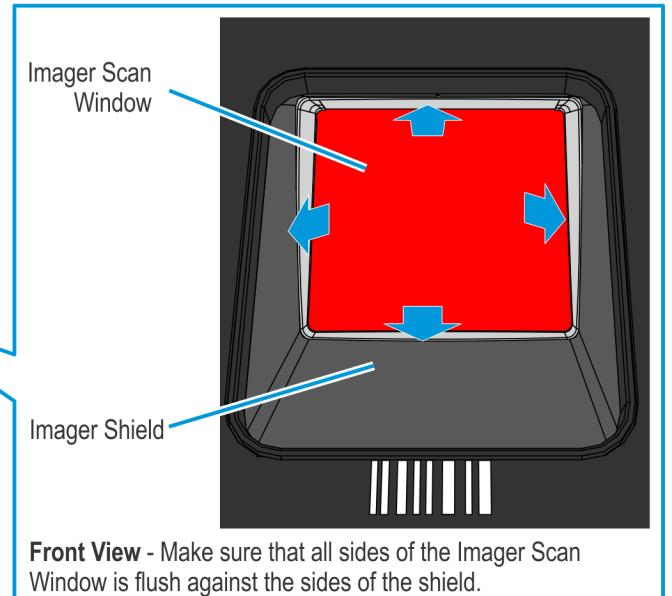
Installing the Datalogic 1500i Imaging Scanner

1. Mount the Imaging Scanner assembly over the Imager Shield.

! Important: On the front side of the fascia, make sure that all sides of the Imager Scan Window is flush against the sides of the Imager Shield. Adjust the alignment of the Imager accordingly.

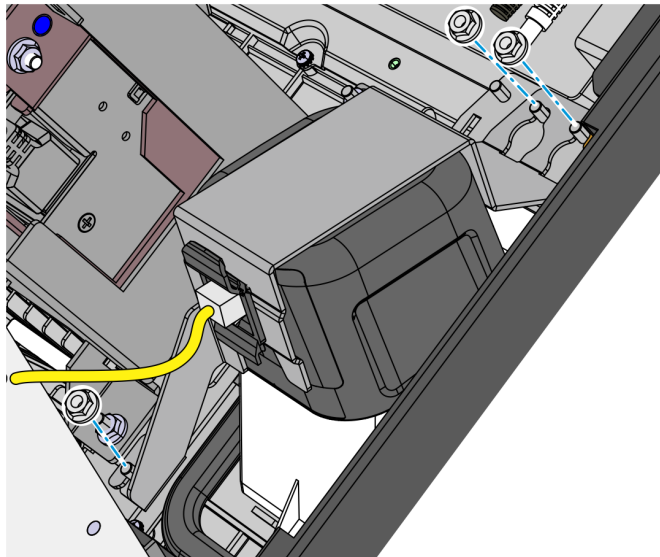


Rear View



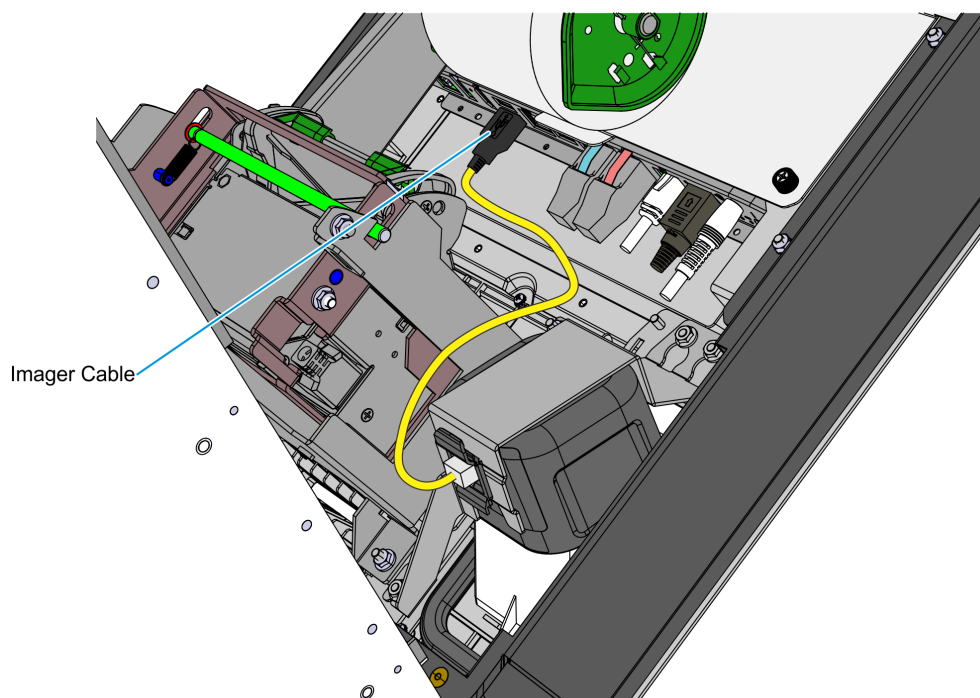
CCP-79471

2. Secure the Imaging Scanner assembly to the kiosk using three nuts.

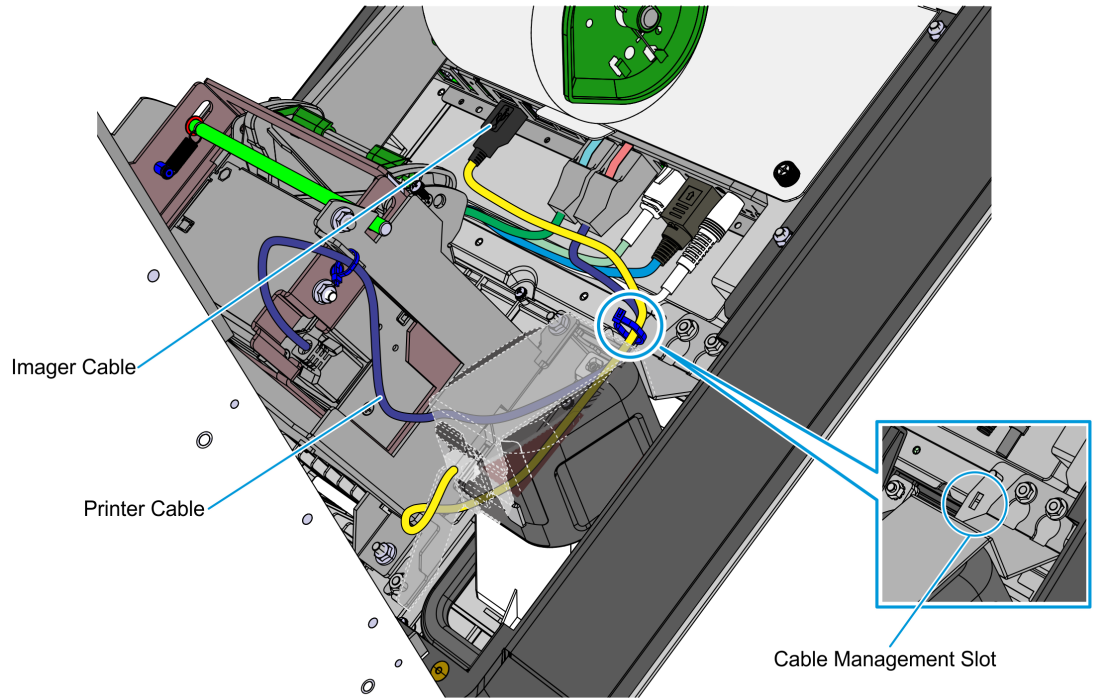


CCP-79470

3. Connect the Imaging Scanner cable to the **USB B** port of the motherboard.

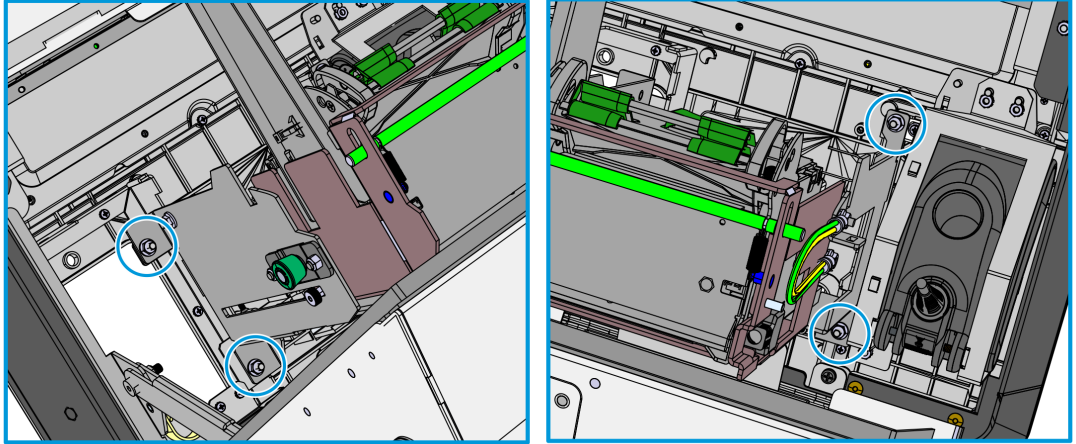


4. Route the following cables on the left side of the Imaging Scanner assembly and use a cable tie to secure the cables to the cable management slot shown in the following image.
 - Imager USB cable
 - Printer USB and Power cable



Installing the Receipt Printer

1. Mount the printer assembly onto its four mounting studs on the back of the display, and secure it with four nuts.

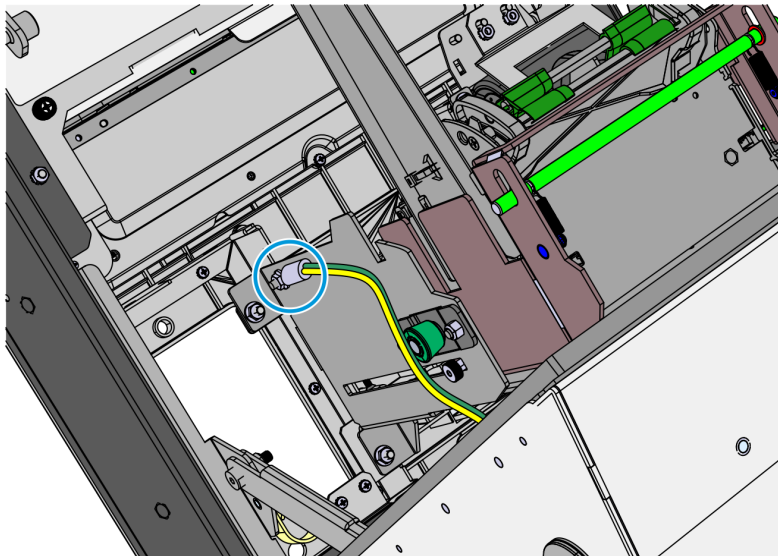


CCP-77997

2. Connect the previously removed ground cable by securing it with a nut to the printer bracket.



Note: The other end of this ground cable is connected to the kiosk enclosure.



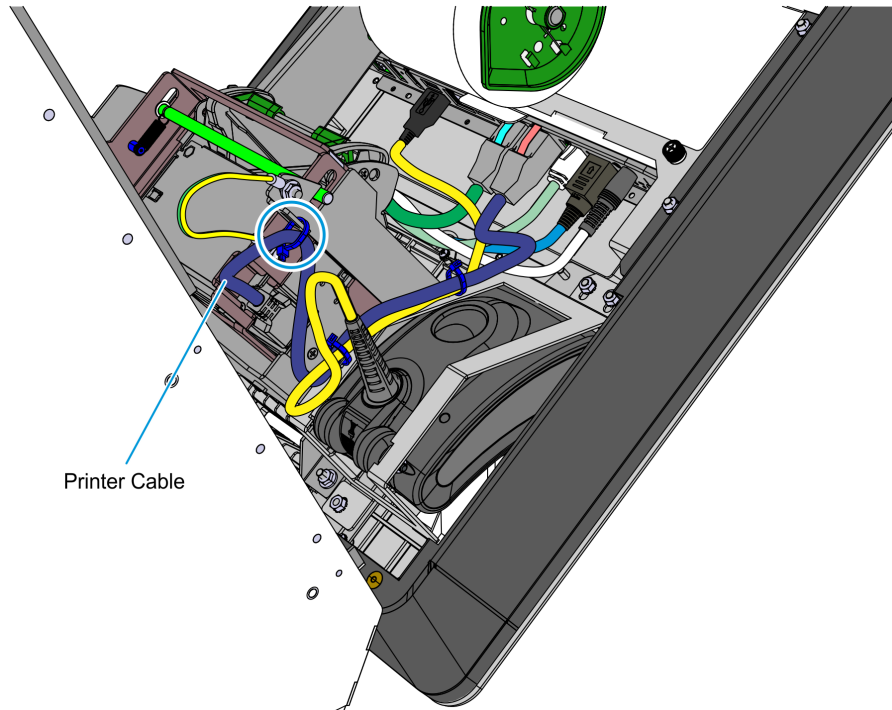
CCP-77998

3. Connect the printer cable to the printer and secure it with a cable tie to the printer bracket.



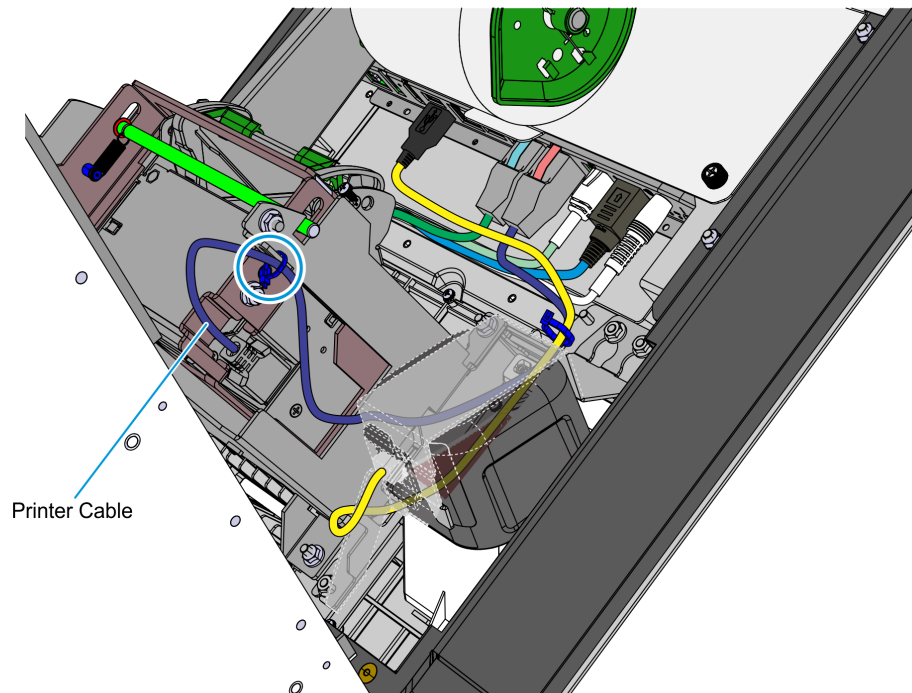
Note: There should be enough slack to allow the Printer Tray to slide upward.

With Honeywell 7580G Imaging Scanner



CCP-77996

With Datalogic 1500i Imaging Scanner

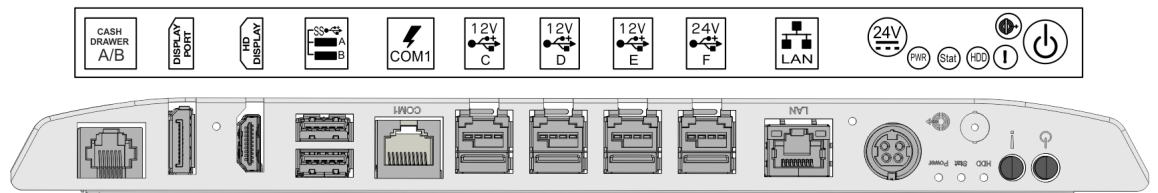


CCP-79464

Connecting Cables

The NCR SelfServ™ 90 (7709) Kiosk Kiosk provides labels that show the connectors of the Motherboard and the Adapter. The tables below indicate the type of device or of cable for each connector.

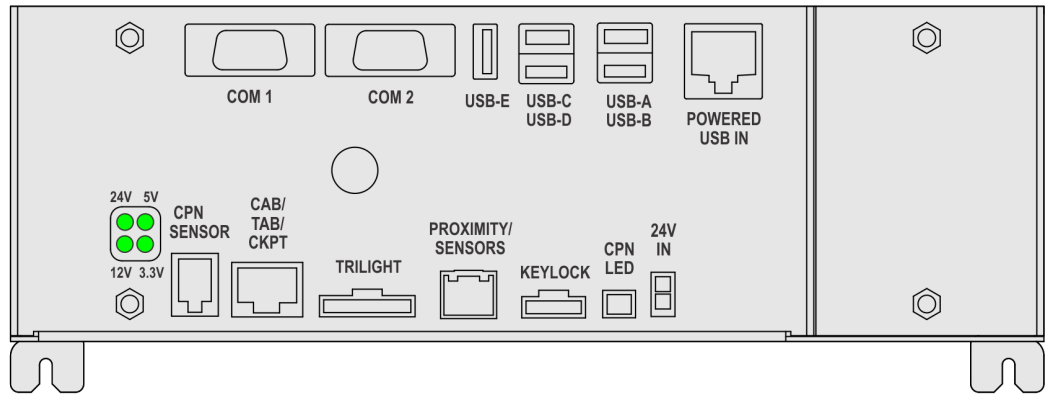
I/O Motherboard



CCP-61343

Connector	Device/Cable
COM 1	Ingenico IPP320, IPP350, or Lane 5000 PIN Pad
LAN	LAN Ethernet Cable
24V	Power Supply Cable
Line Out	Dual Speaker
USB A	Sensormatic Controller
USB B	Imaging Scanner
USB C	Verifone VX805, VX820, or MX915 PIN Pad
USB D	Security Scale
USB E	I/O Adapter
USB F	Receipt Printer

I/O Adapter

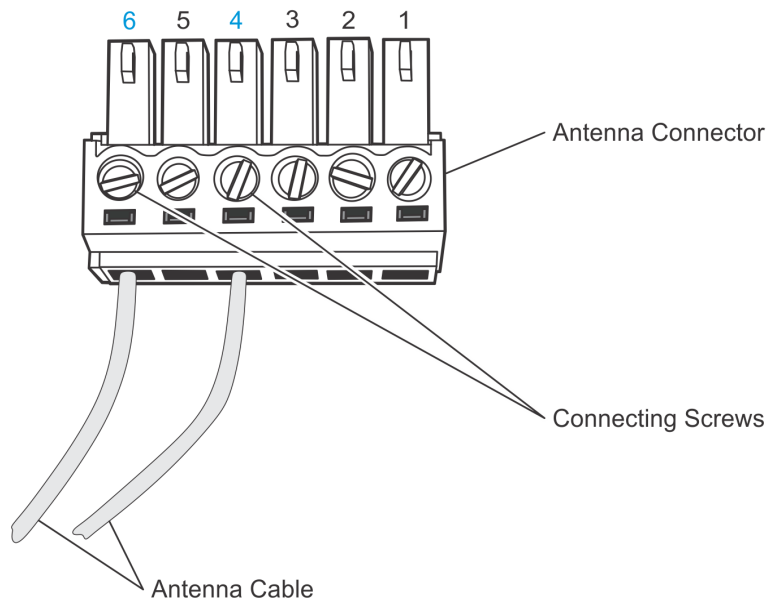


CCP-78119

Connector	Device/Cable
USB A	Handheld Scanner
TRILIGHT	Indicator Light
CAB/TAB/CKPT	Checkpoint Signal Cable
CPN SENSOR	Coupon Sensor Cable
KEYLOCK	Supervisor Switch
PROXIMITY/SENSORS	Turntable Kit

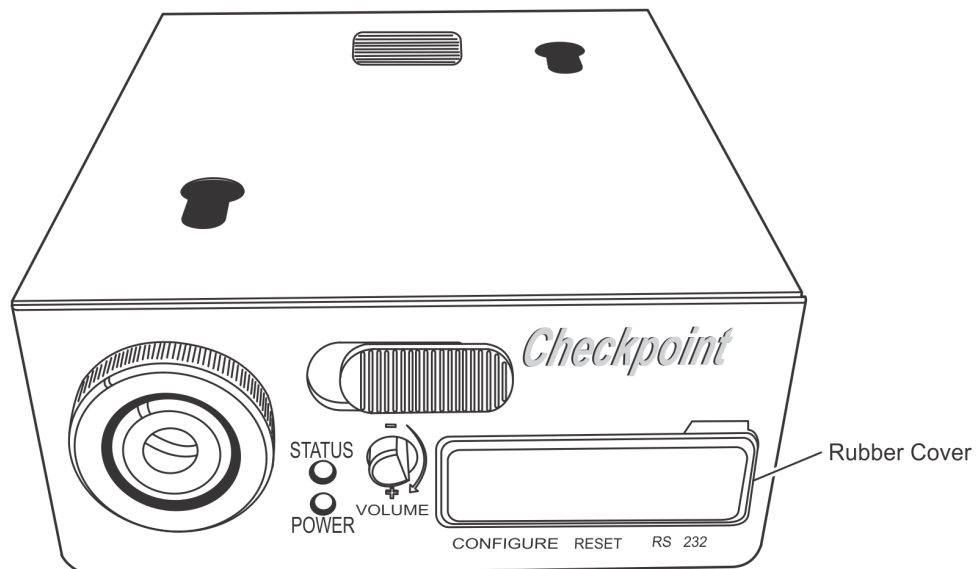
Installing the Checkpoint Controller and Power Supply

1. Install the Antenna Connector on the Antenna Cable. The Antenna Cable is an extension of the Checkpoint Antenna and consists of two white wires, twisted together and coming out of the cable bundle on the left side of the kiosk.
 - The Antenna Cable connects to pins 4 and 6 on the Antenna Connector.
 - Use a small Flathead Screwdriver to loosen and tighten the two Connecting Screws.



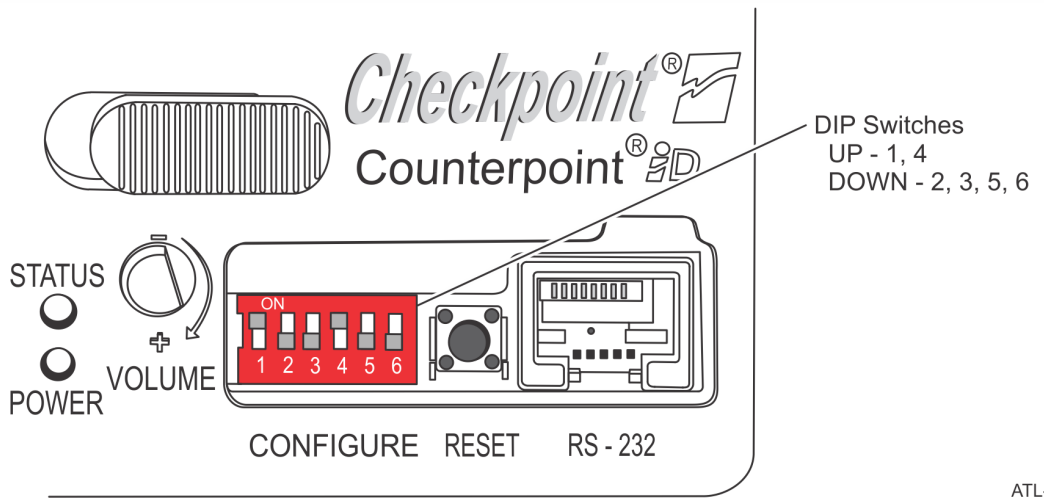
ATL-33723

2. Remove the Rubber Cover to access the DIP Switches. It is installed later in the process.



ATL-33724

- Verify that the DIP Switches are set as shown in the following illustration.

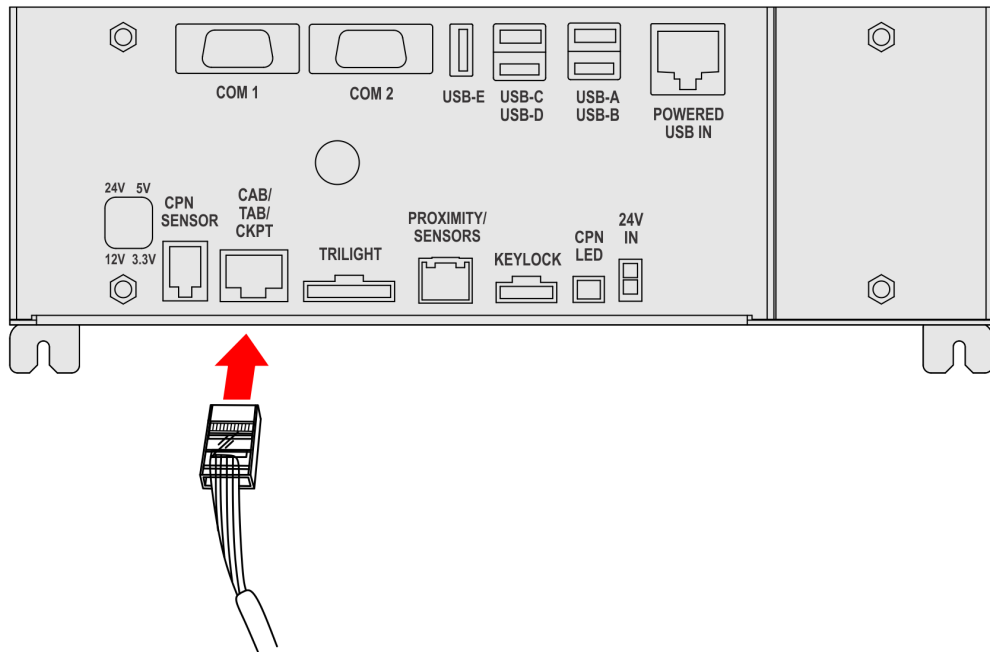


ATL-33725

- Connect the Checkpoint Signal Cable connector to the **CKPT** connector on the I/O Adapter.

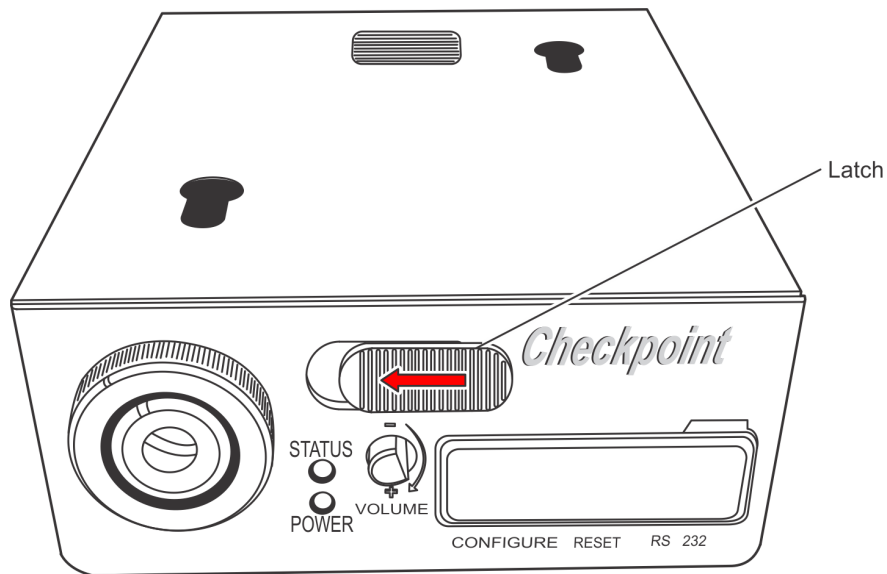


Note: The other end of the Checkpoint Signal Cable has two wires (Red and Black) that connect to the Checkpoint Controller later in this process.



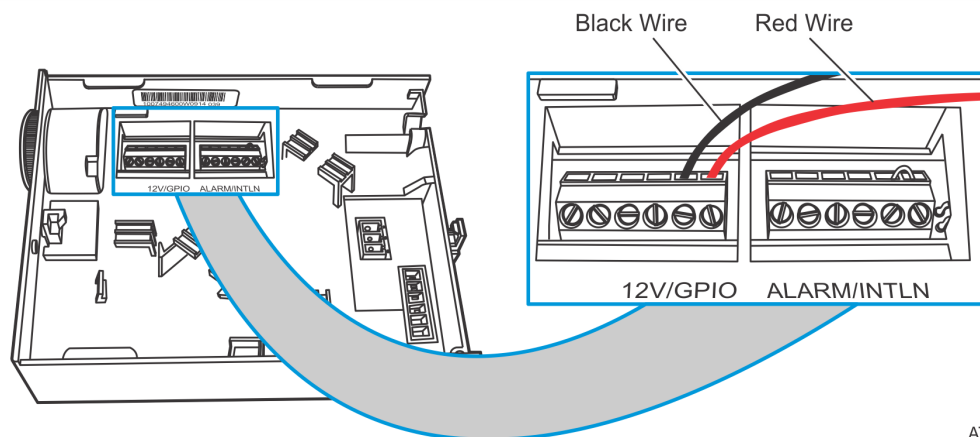
CCP-77960

5. Move the latch on the front of the Checkpoint Controller to the left and slide the top cover off the device.



ATL-33726

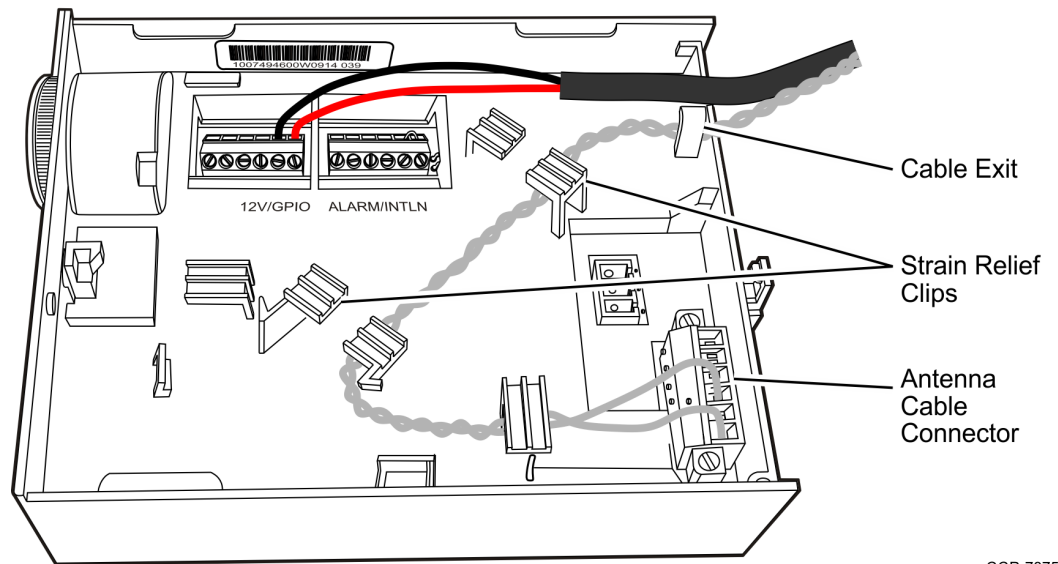
6. Connect the other end of the Checkpoint Signal Cable to the Checkpoint Controller.
 - a. Connect the Black and Red wires of the Checkpoint Signal Cable to the connector inside the Checkpoint Controller, as shown in the following illustration. Use a small Flathead Screwdriver to loosen and tighten the two Connecting Screws.



ATL-33727

- b. Route the Checkpoint Signal Cable through the Cable Exit inside the Checkpoint Controller.

7. Connect the Antenna Cable Connector to the Checkpoint Connector.
 - a. Connect the Antenna Cable Connector to the connector in the Checkpoint Controller.



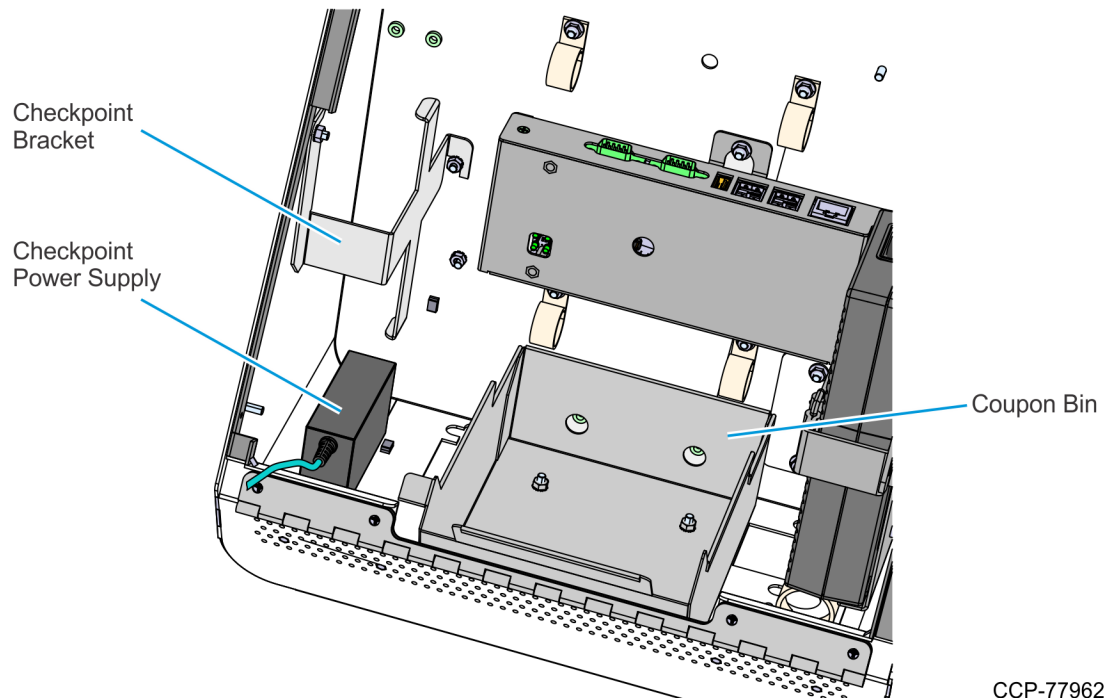
CCP-78755

- b. Route the Antenna Cable through the Cable Exit, making sure to use the Strain Relief Clips to hold the cable in place.
8. Slide the Cover onto the Checkpoint Controller and verify that it is latched in place.
9. Connect the AC Power Cord to the Checkpoint Power Supply.

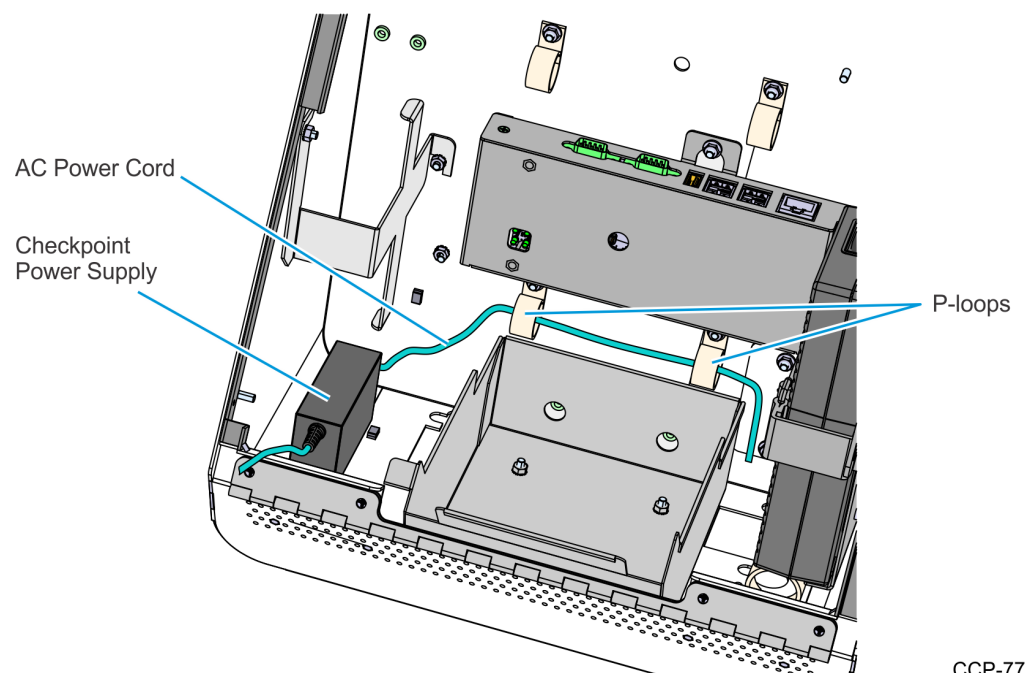
- Place the Checkpoint Power Supply at the bottom of the Checkpoint Controller Bracket and beside the Coupon Bin.



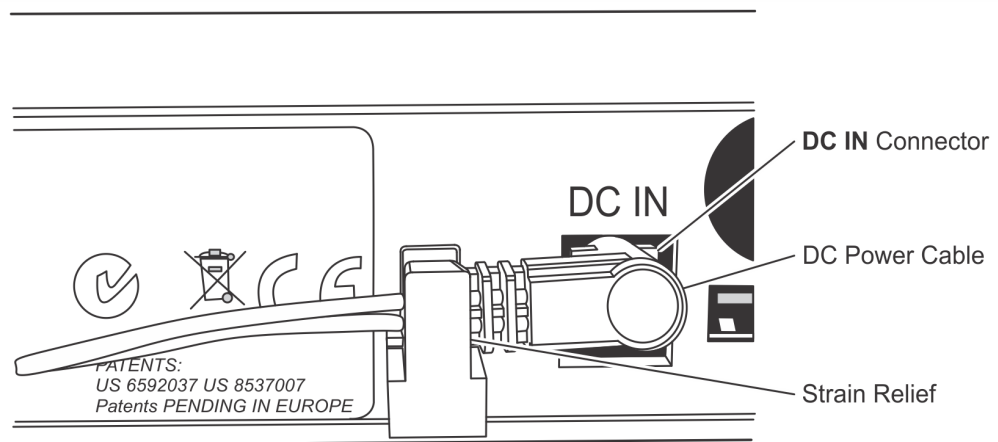
Note: The Checkpoint Bracket is shown only for reference.



- Route the Checkpoint AC Power Cord from its Power Supply, out of the kiosk, and to the AC Receptacle.
 - Route the Checkpoint AC Power Cord through the p-loops just above the Coupon Bin, as shown in the following image.



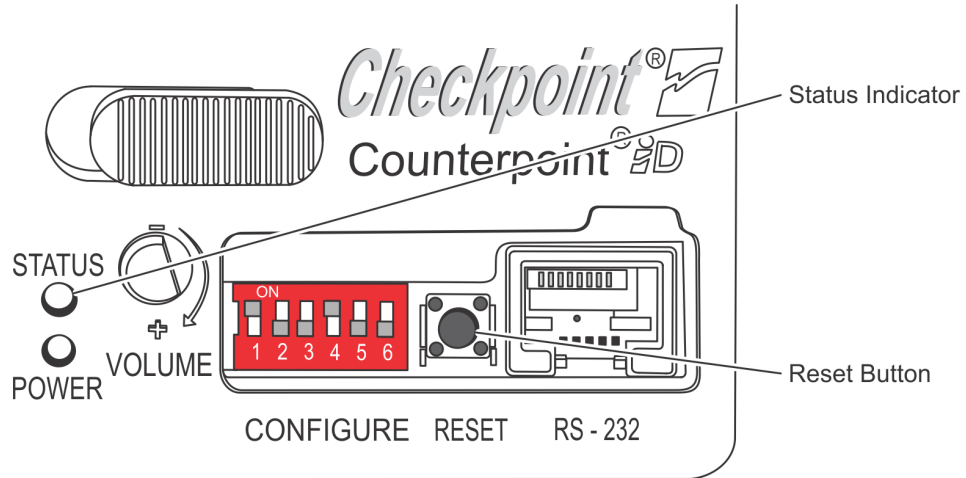
- b. Depending on the kiosk configuration, do one of the following:
- For **Counter Top** configuration, route the Checkpoint AC Power Cord through the hole on the rear cover of the kiosk.
 - For **Wall Mount** configuration, route the Checkpoint AC Power Cord through the hole on the bottom of the kiosk and out through the access hole on the base of the Wall Mounting Bracket.
 - For **Pedestal** configuration, route the Checkpoint AC Power Cord through the hole on the bottom of the kiosk head and into the pedestal, and then route it through the access hole on the rear of the pedestal.
- c. Verify that the Power Cord is long enough to reach the AC Power Receptacle, but do NOT plug it in.
12. Connect the Checkpoint DC Power Cable from the Checkpoint Power Supply to the Checkpoint Controller. Plug the DC Power Cable into the **DC In** connector on the back of the Checkpoint Controller and slide the jack behind the Strain Relief.



ATL-33729

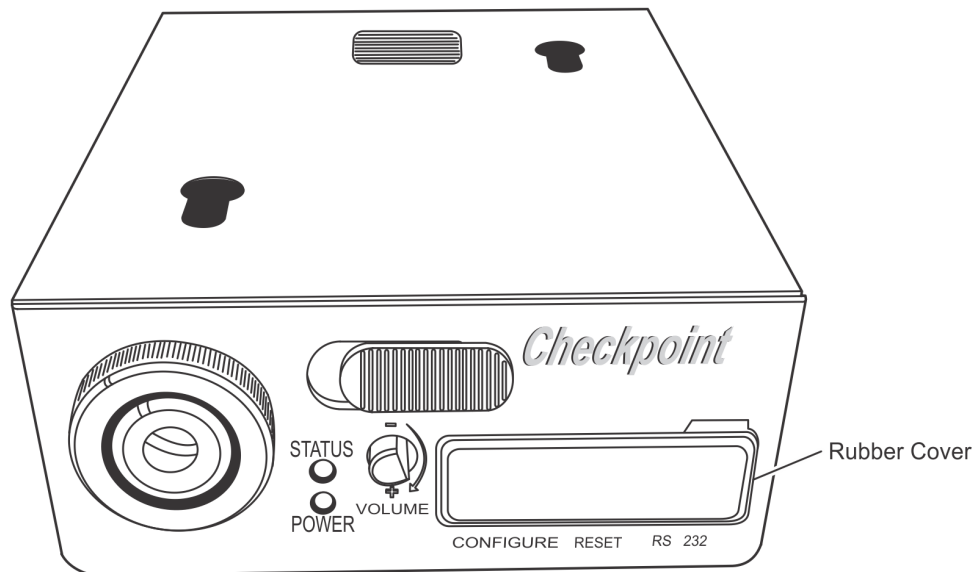
13. Power up the kiosk by connecting the NCR SelfServ™ 90 (7709) Kiosk AC Power Cord into the AC Power Receptacle.

14. Power up the Checkpoint Controller.
 - a. Connect the Checkpoint AC Power Cord into the AC Power Receptacle.
 - b. Press the **Reset** button and wait for the Status Indicator to turn Violet.



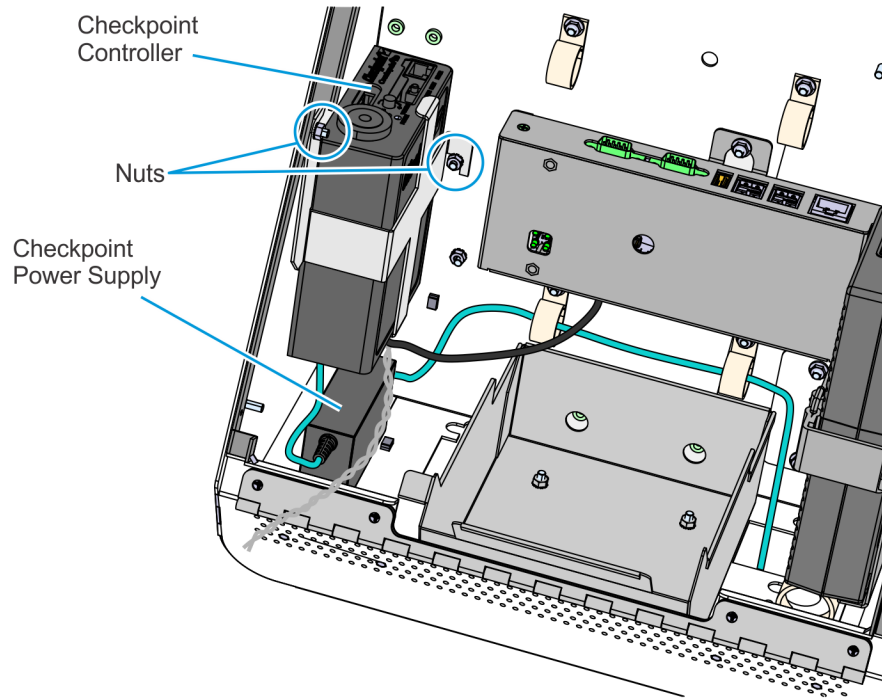
ATL-33770

- c. Press the **Reset** button again to tune the Checkpoint Antenna.
15. Re-install the Rubber Cover, which was removed earlier in the process.



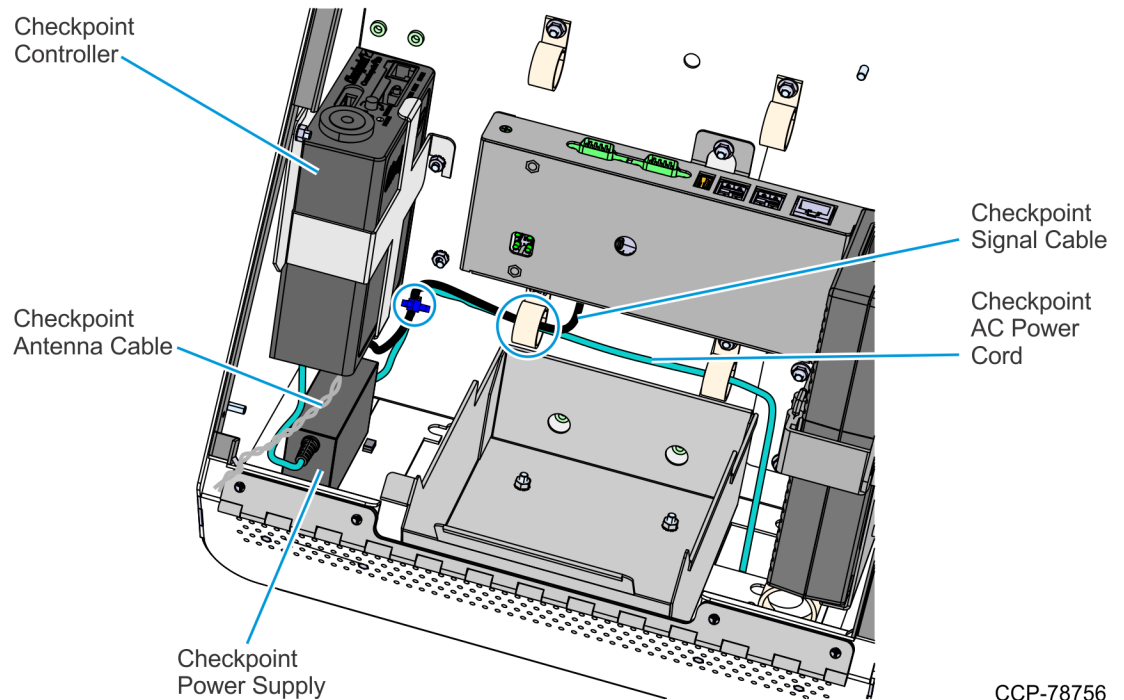
ATL-33724

16. Mount the Checkpoint Controller on its Mounting Bracket.
 - a. Place the Checkpoint Controller in the Mounting Bracket.
 - b. Install the Controller and Mounting Bracket Assembly to the Checkpoint Adapter Bracket, securing it with the two Nuts.



CCP-77964

17. Route and secure the Checkpoint cables.



- a. Route the Antenna Cable through the left-hand side of the kiosk cabinet and tuck the excess cable length under the Checkpoint Controller.
- b. Route the Checkpoint Signal Cable through the p-loop on the bottom left of the I/O Adapter.
- c. Using a cable tie, bundle and secure the Checkpoint AC Power Cord and the Checkpoint Signal Cable as shown in the image.
- d. Tuck the excess length of the Checkpoint Signal Cable under the Checkpoint Controller.



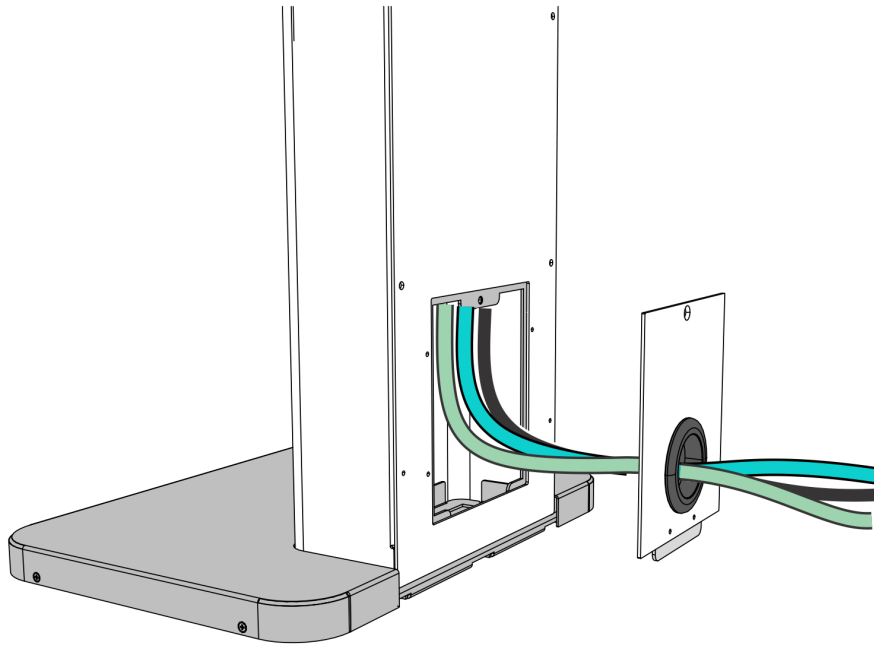
Note: Call a Checkpoint representative to verify and complete the Checkpoint installation.

Routing Cables for Pedestal Mount

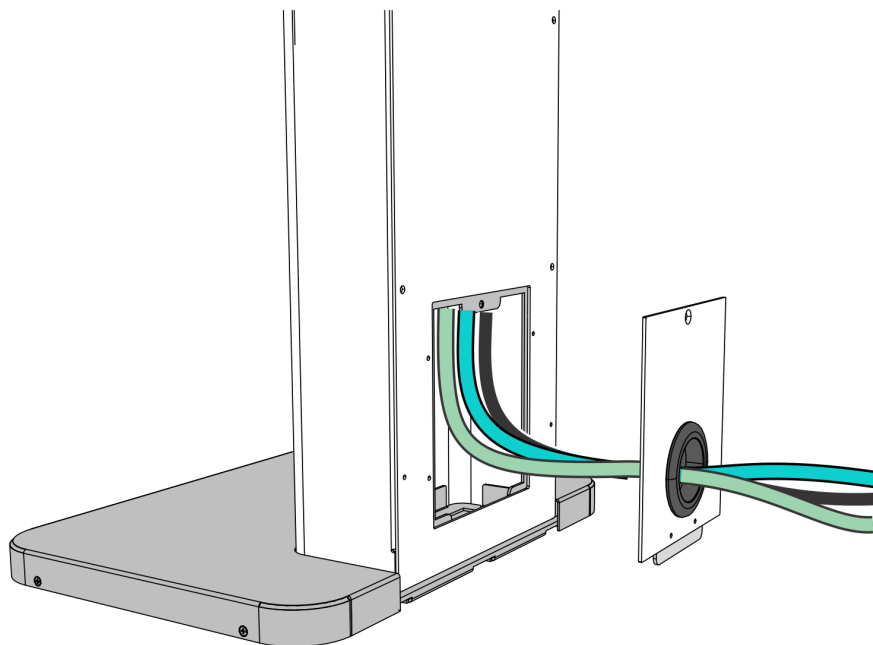
1. Route the following cables out of the pedestal and through the hole of the Rear Access Door. Verify that they are long enough to reach their external connection ports.
 - Kiosk AC Power Cable
 - LAN Cable
 - Checkpoint AC Power Cable



Caution: Do not plug the power cables to the power source yet.



2. Re-install the Rear Access Door to the pedestal and secure it with a screw.



CCP-79165

3. Re-install the Front Access Door to the pedestal and secure it with a screw.

