



# NCR Voyix SelfServ™ 90 (7709)

## Kit Instructions

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

7709-K730  
Issue D

# Copyright and Trademark Information

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Atlanta, Georgia, USA

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# Revision Record

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Publication issue	Date	Description of change
A	Apr 2020	First issue.
B	Jun 2020	<ul style="list-style-type: none"><li>• Updated procedure for removing the Sensormatic Backpack.</li><li>• Added procedure for re-installing the Imager Shield.</li><li>• Added procedure for routing cables out of the pedestal.</li></ul>
C	Oct 2020	Added procedures for Datalogic 1500i Imaging Scanner.
D	Jan 2026	Updated with NCR Voyix brand.

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# 7709-K730 Checkpoint Counterpoint, Small and Large (R1.2 and R2.0)

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This publication provides procedures for installing the 7709-K730 Checkpoint Counterpoint, Small and Large (R1.2 and R2.0) to the NCR Voyix SelfServ™ 90 (7709). For more information, refer to the following procedures:

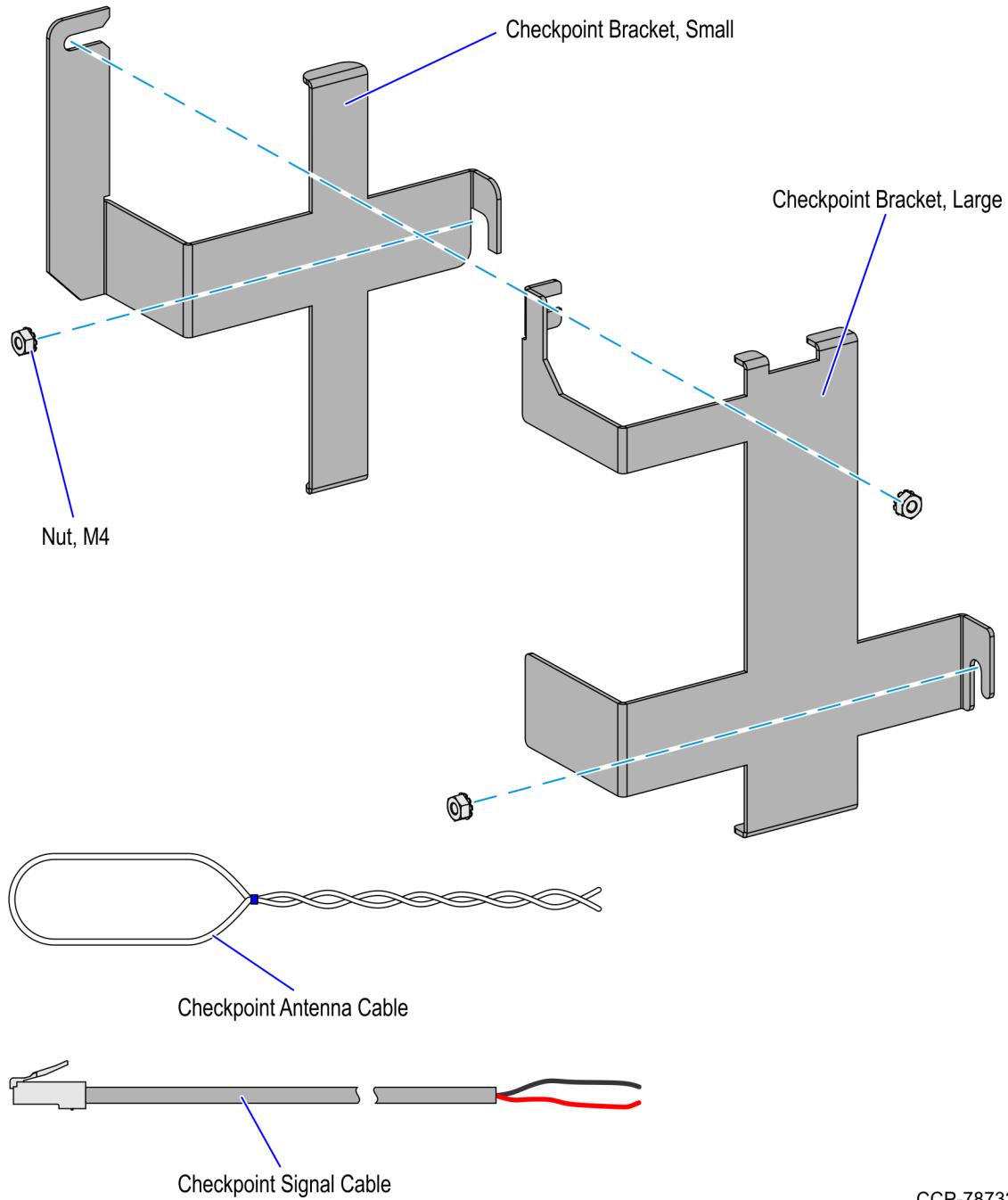
- "[NCR Voyix 7709 R1.2 Installation Procedures](#)" on page 9
- "[NCR Voyix 7709 R2.x Installation Procedures](#)" on page 69



## 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

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Part Number		Description
	497-0504486	Cable, Checkpoint Counterpoint ID
	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 Convoluted Foam
*	497-0423108	Instructions - Kit (Reference Sheet)

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

# NCR Voyix 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 Voyix 7709 unit and disconnect all cables from the Motherboard. For more information, refer to "[Opening the R1.2 Kiosk](#)" on page 11.
2. Do the following:
  - a. Remove the Receipt Printer. For more information, refer to "[Removing the Receipt Printer](#)" on page 12.
  - b. If present, remove the Sensormatic Backpack. For more information, refer to "[Removing the Sensormatic Backpack](#)" on page 14.
  - c. Remove the Imaging Scanner. For more information, refer to "[Removing the Imaging Scanner](#)" on page 24.
  - d. If present, remove the Sensormatic Antenna. For more information, refer to "[Removing the Sensormatic Antenna](#)" on page 26.
  - e. Remove the PIN Pad. For more information, refer to either of the following:
    - "[Removing the Ingenico IPP320/350 PIN Pad](#)" on page 29
    - "[Removing the Verifone VX805/820 PIN Pad](#)" on page 30
  - f. Remove the Supervisor Switch. For more information, refer to "[Removing the Supervisor Switch](#)" on page 94.
  - g. Remove the Coupon Sensors. For more information, refer to "[Removing the Coupon Sensors](#)" on page 95.
  - h. Remove the Display Head. For more information, refer to "[Removing the Display Head](#)" on page 34.
  - i. Remove the Printer Z-shaped and Sensormatic brackets. For more information, refer to "[Removing the Printer Z-shaped Bracket and Sensormatic Brackets](#)" on page 36.
3. Do the following:
  - a. Install the Checkpoint Antenna Cable. For more information, refer to "[Installing the Checkpoint Antenna Cable](#)" on page 37.
  - b. Install the Printer Z-shaped Bracket. For more information, refer to "[Installing the Printer Z-shaped Bracket and Sensormatic Brackets](#)" on page 38.
  - c. Install the Display Head. For more information, refer to "[Installing the Display Head](#)" on page 99.

- d. Install the Coupon Sensors. For more information, refer to "[\*\*Installing the Coupon Sensors\*\*](#)" on page 101.
- e. Install the Supervisor Switch. For more information, refer to "[\*\*Installing the Supervisor Switch\*\*](#)" on page 102.
- f. Install the PIN Pad. For more information, refer to either of the following:
  - "[\*\*Installing the Ingenico IPP320/350 PIN Pad\*\*](#)" on page 44
  - "[\*\*Installing the Verifone VX805/820 PIN Pad\*\*](#)" on page 45
- g. Install the Imager Shield Assembly. For more information, refer to "[\*\*Installing the Imager Shield\*\*](#)" on page 48.
- h. Install Imaging Scanner. For more information, refer to "[\*\*Installing the Imager Scanner\*\*](#)" on page 50.
- i. Install Receipt Printer. For more information, refer to "[\*\*Installing the Receipt Printer\*\*](#)" on page 52
- j. Reconnect all cables to the Motherboard. For more information, refer to the following:
  - "[\*\*I/O Motherboard Cable Connections\*\*](#)" on page 54
  - "[\*\*I/O Adapter Cable Connections\*\*](#)" on page 56
- k. Install the Checkpoint Controller and the Checkpoint Power Supply. For more information, refer to "[\*\*Installing the Checkpoint Controller and Power Supply\*\*](#)" on page 57.

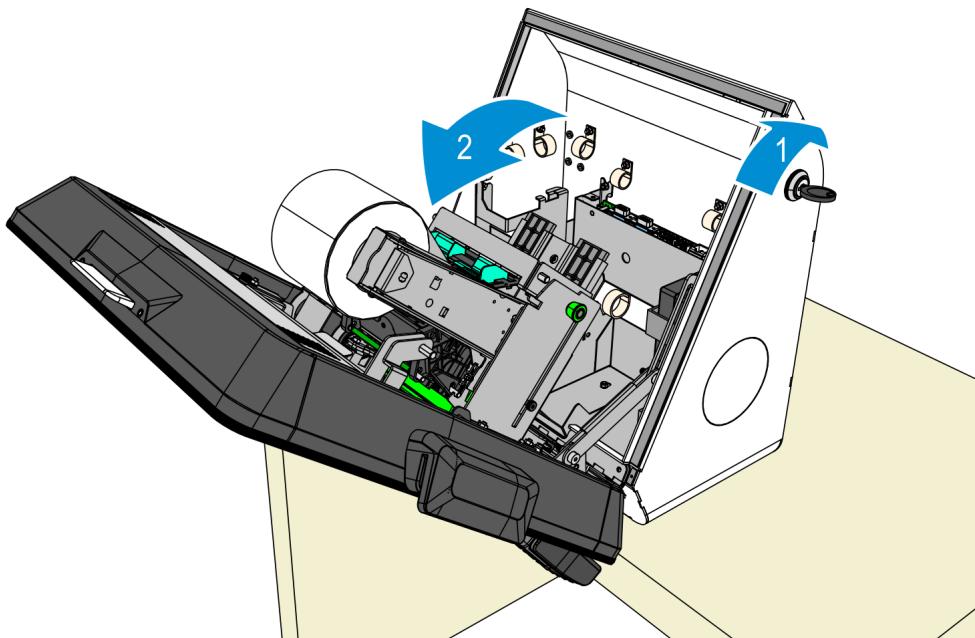
4. For Pedestal Mount, route the cables out of the pedestal. For more information, refer to "[\*\*Routing Cables for Pedestal Mount\*\*](#)" on page 130.

# Opening the R1.2 Kiosk

To access the kiosk components, 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

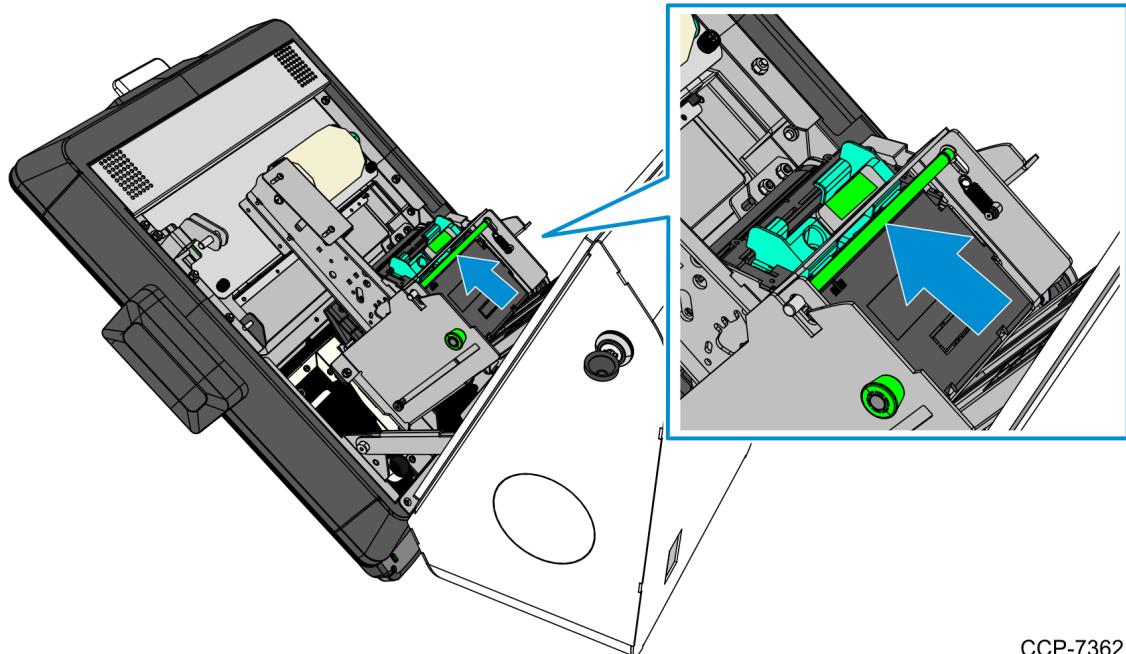
Do NOT abruptly open and release the front of the kiosk. Hold and support the front of the kiosk until fully extended.



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# Removing the Receipt Printer

1. Slide up Receipt Printer into service position.
  - a. Push the printer assembly release rod upward.



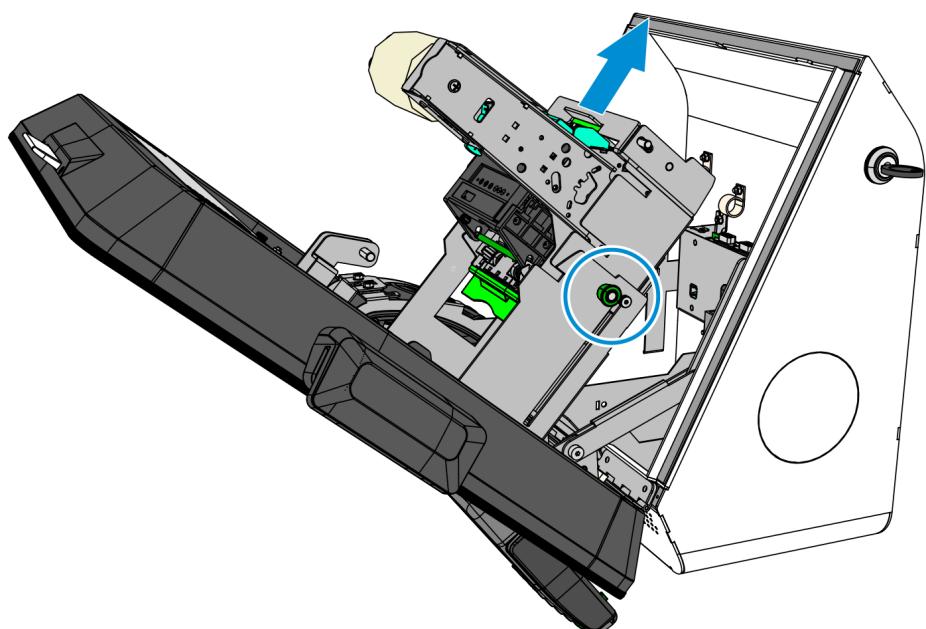
CCP-73621

- a. Push the printer assembly release rod upward.
- b. Pull the printer assembly backward until fully extended and secured by the green plunger.



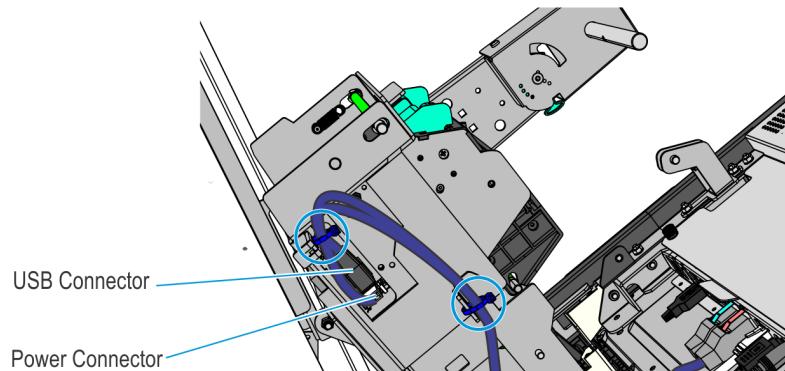
## Caution

Ensure that the green plunger holds the printer assembly in place. Do not release the printer assembly if it is not yet secured by the green plunger.



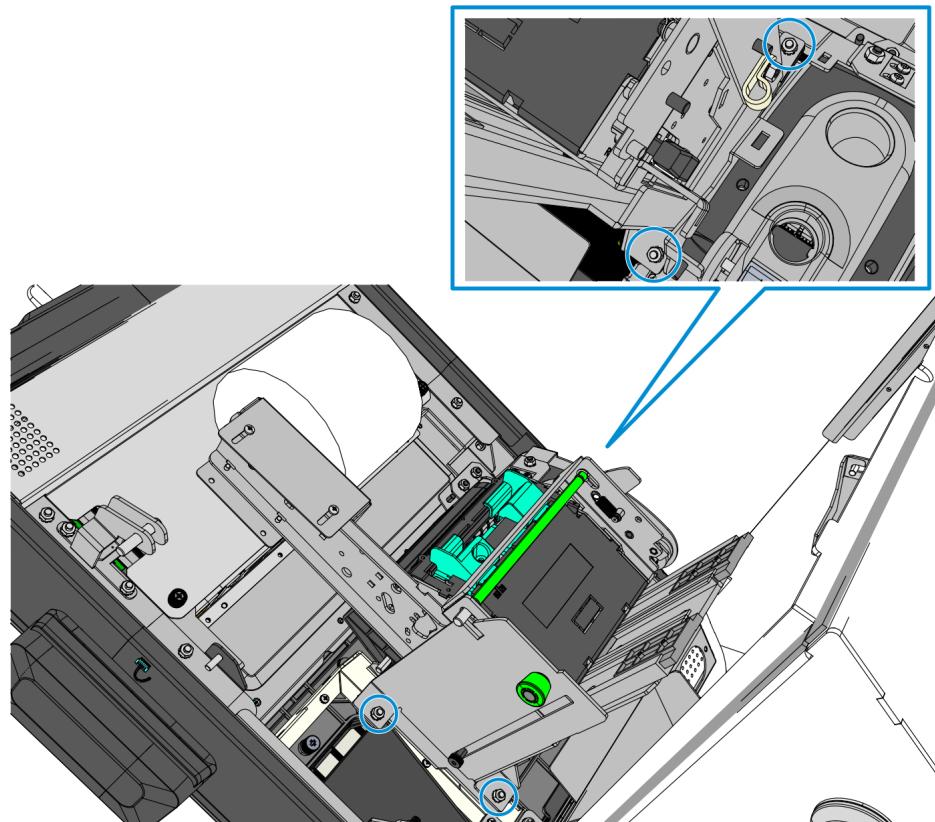
CCP-73622

2. Disconnect the USB and Power cables from the printer. Remove the cable tie securing the cables to the printer bracket encircled below.



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3. Slide the printer back down and remove the four nuts securing the Receipt Printer assembly to the kiosk.



# Removing the Sensormatic Backpack

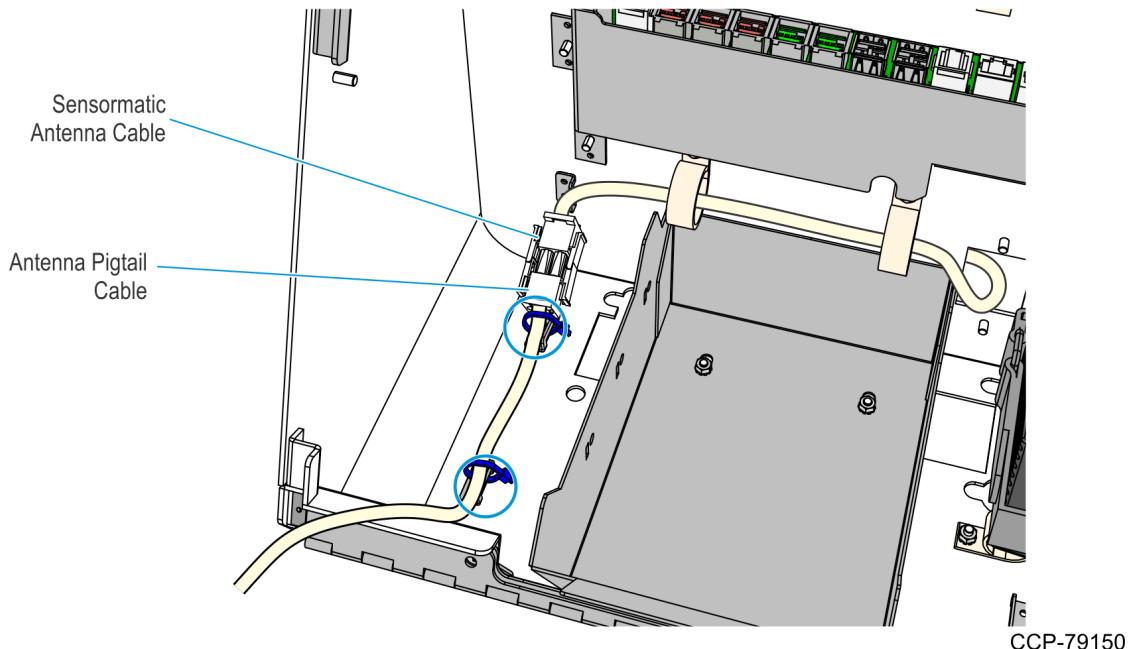
## **⚠ Caution**

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.

## **ℹ Note**

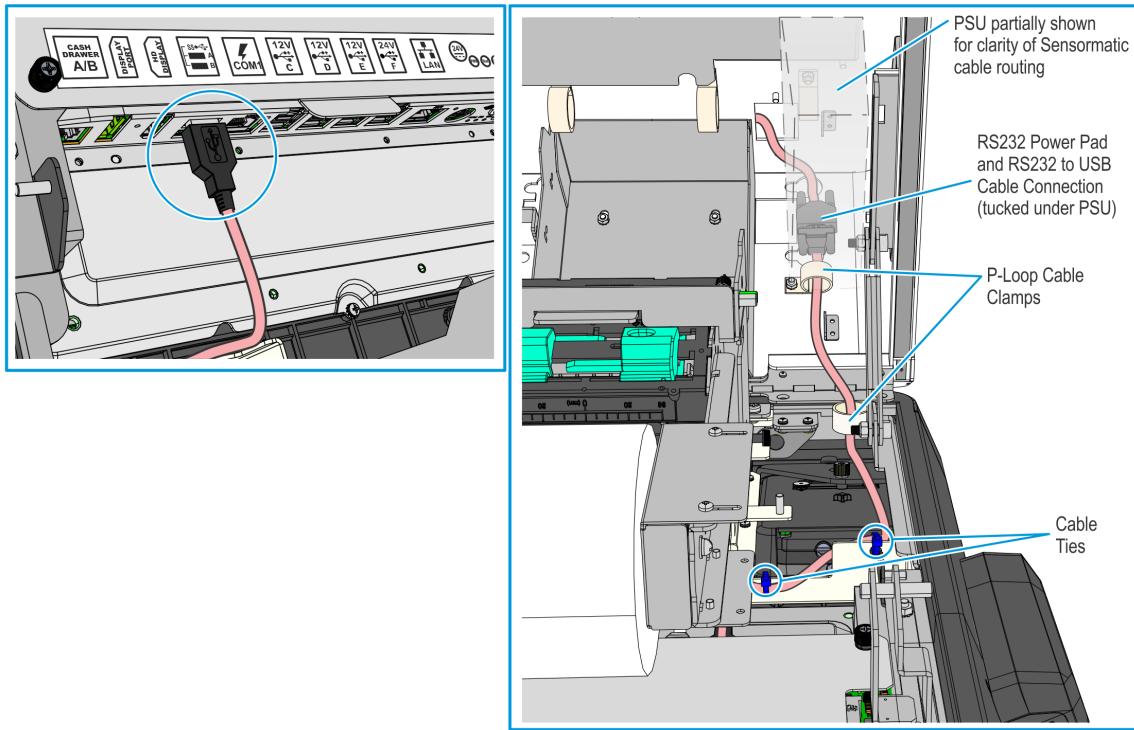
The Sensormatic Backpack is present only in pedestal configurations. To clearly view the components inside the kiosk cabinet, the display head and the power supply are not shown in some illustrations.

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



1.
  - b. Route the Antenna Cable out of the kiosk.
  - c. Disconnect and remove the USB-to-Serial Cable.

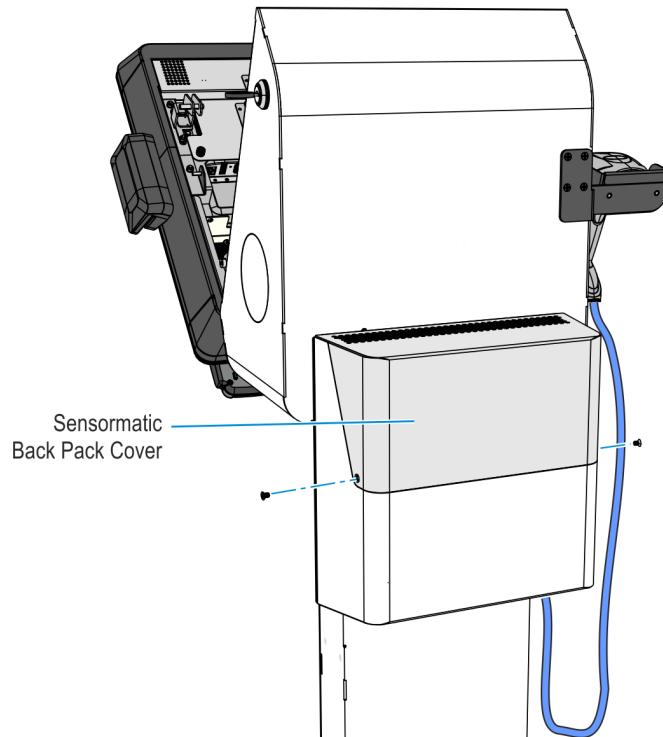
d. Disconnect the USB connector of the USB-to-Serial Cable from the USB A port of the motherboard. Remove the cable ties.



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

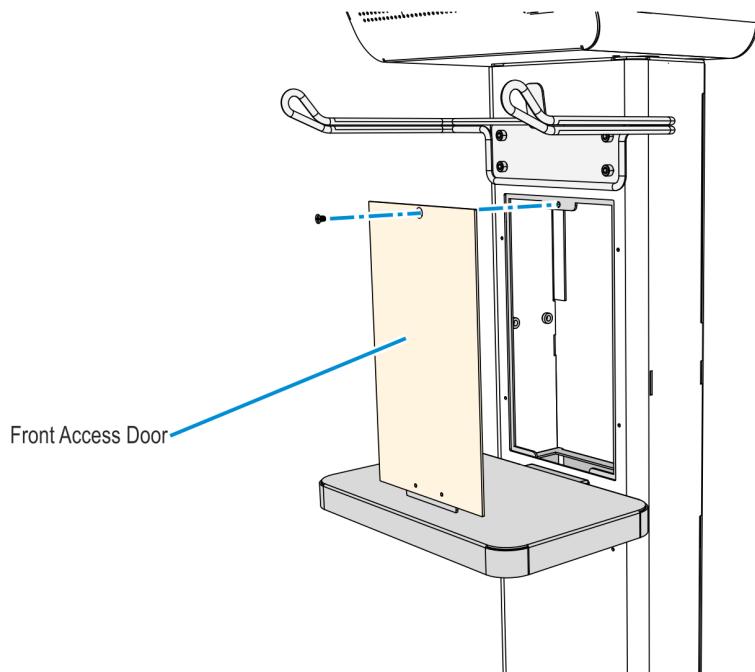
2. Remove the Sensormatic Controller from the Sensormatic Backpack.
  - a. Remove the screws (one on each side) that secure the Sensormatic Cover to the case.



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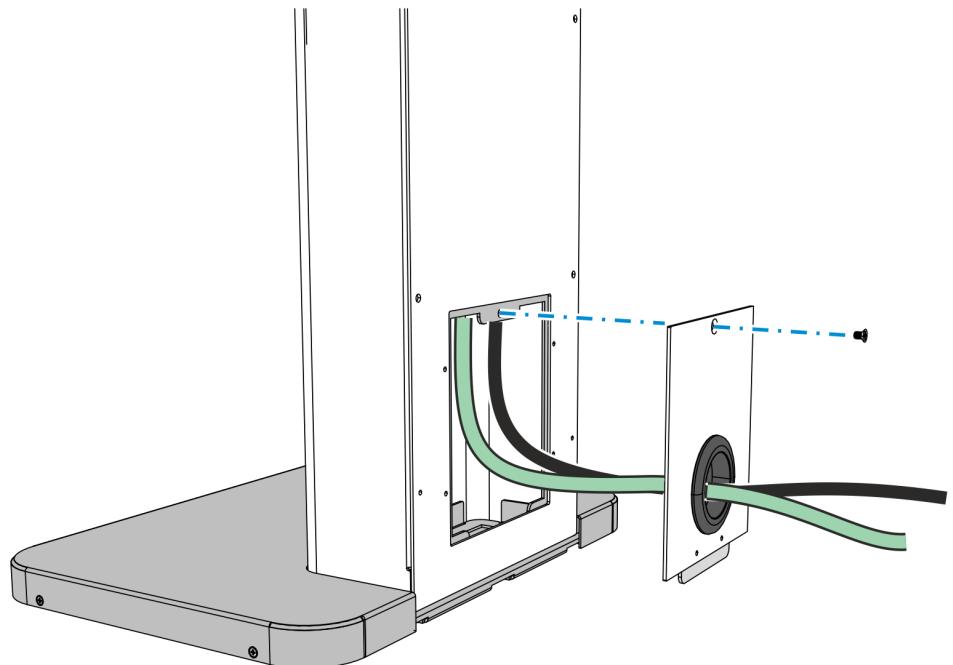
- b. Remove the Sensormatic Controller and its cables from the case.

3. 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

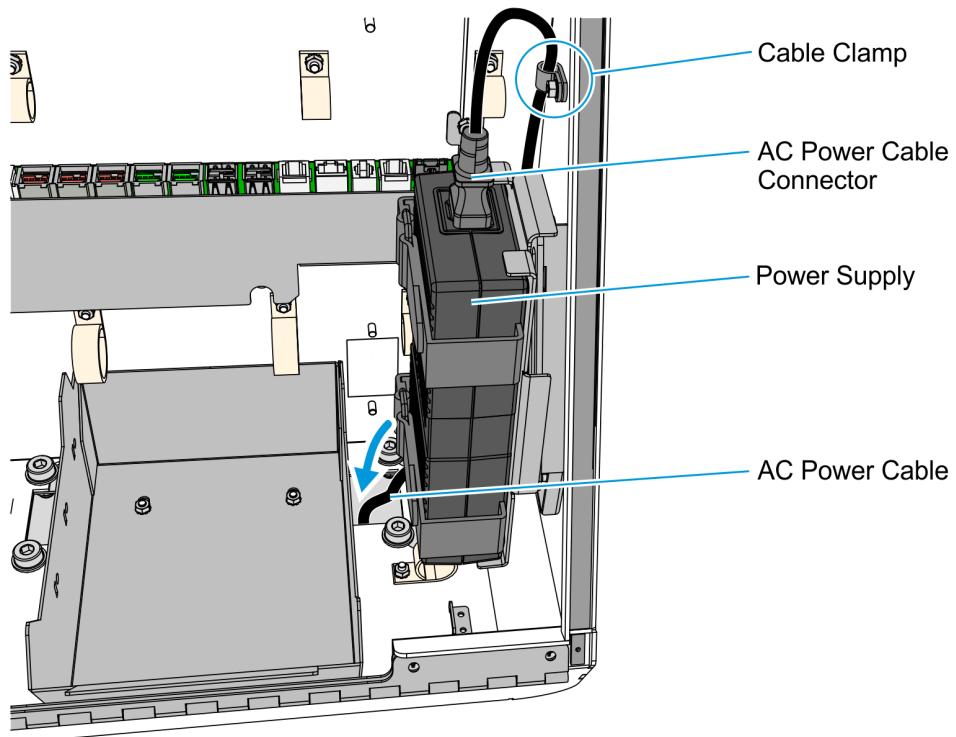
4. Pull the LAN Cable back into the kiosk head.
  - a. Remove the Rear Access Door of the pedestal by removing the screw that secures it to the pedestal.



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.

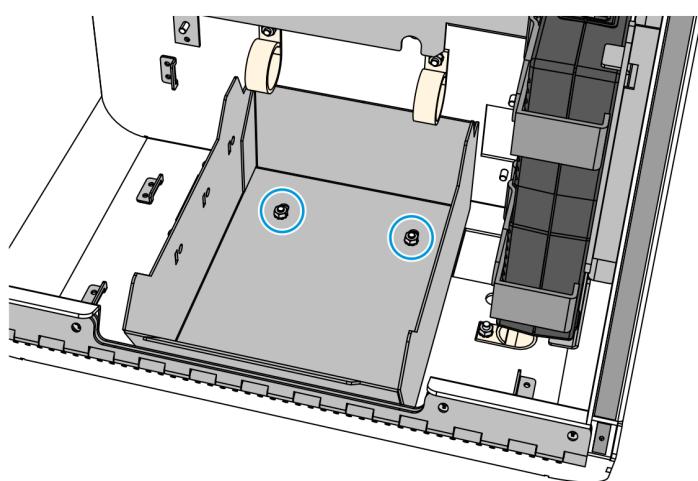
5. Pull the AC Power Cable out of the kiosk head.



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.

6. Remove the Coupon Bin by removing the two hex nuts that secure it to the kiosk cabinet.



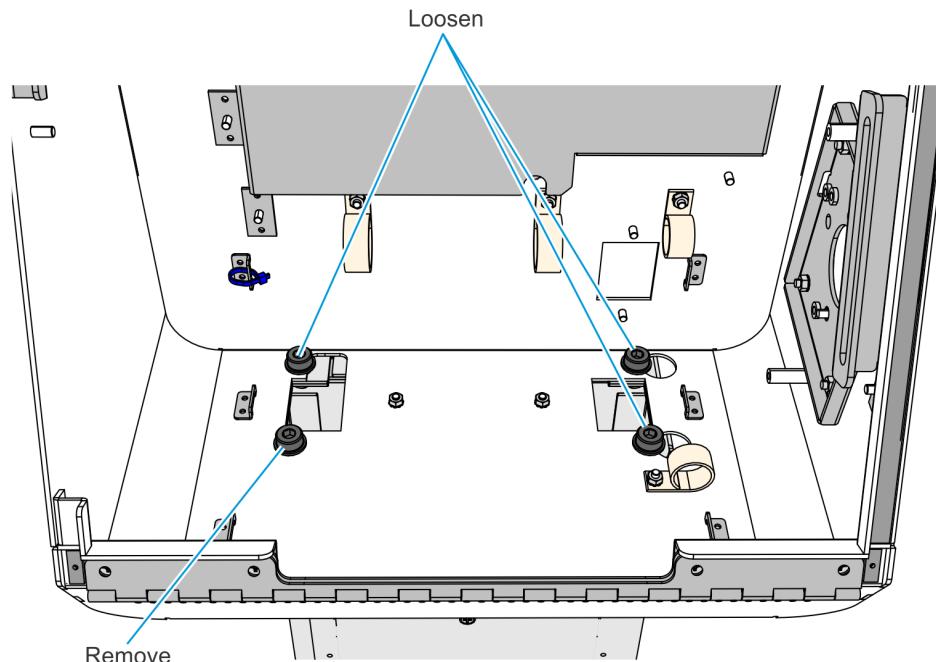
CCP-79162

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



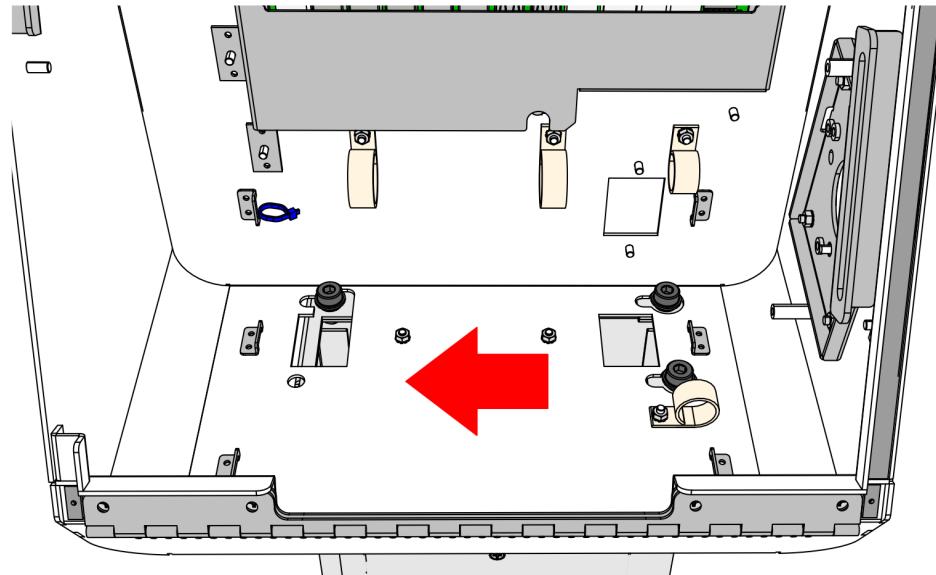
**Caution**

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

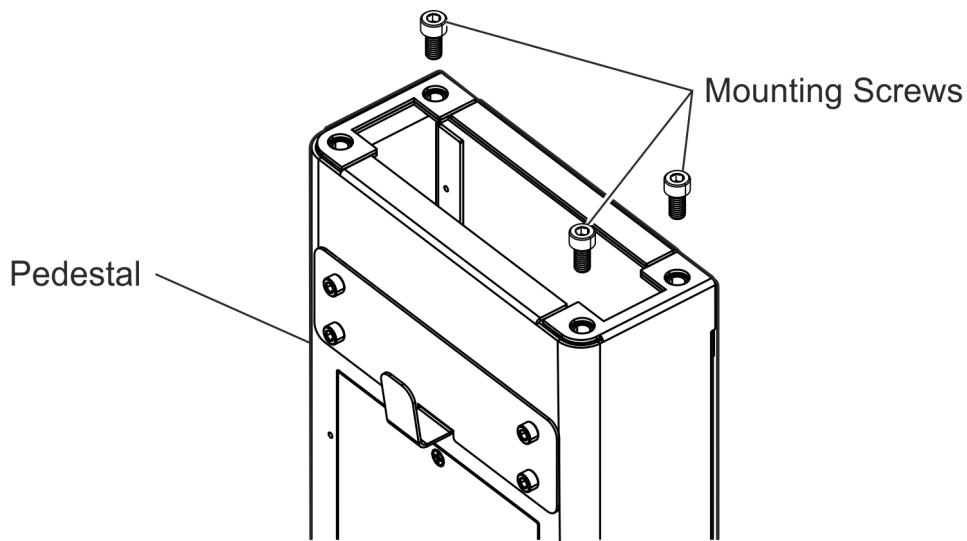
- Slide the kiosk head to the left and lift it off of the pedestal.



CCP-79160

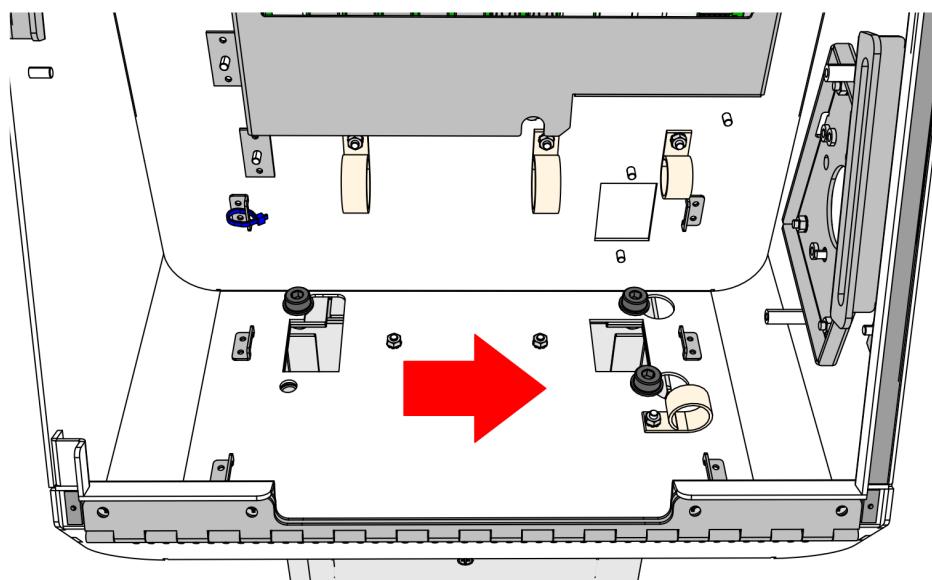
- Remove the three remaining mounting screws that secure the Sensormatic Backpack to the pedestal, and then lift the Sensormatic Backpack off the pedestal.

8. 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.



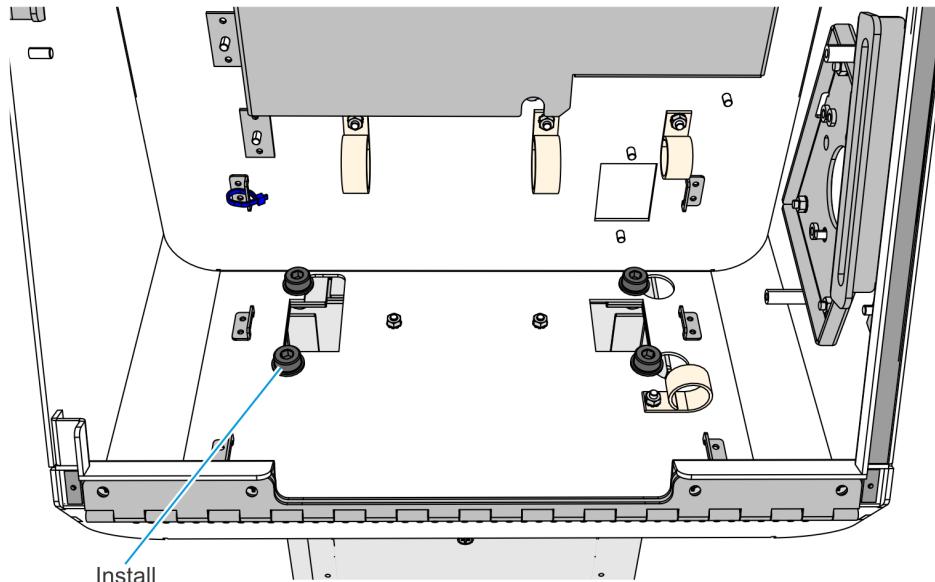
ATL-33782

- 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.



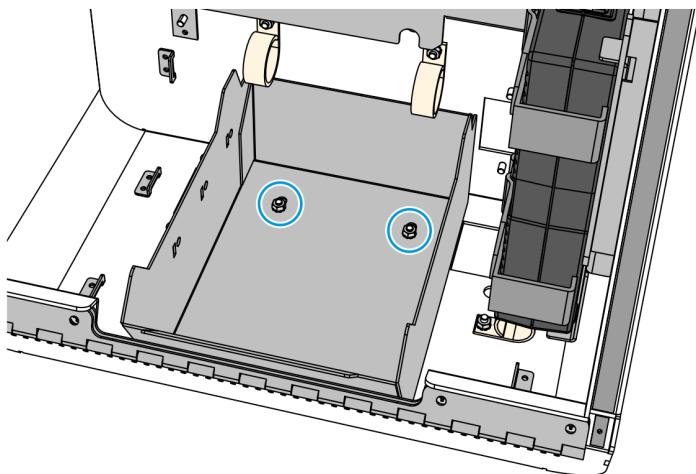
CCP-79159

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



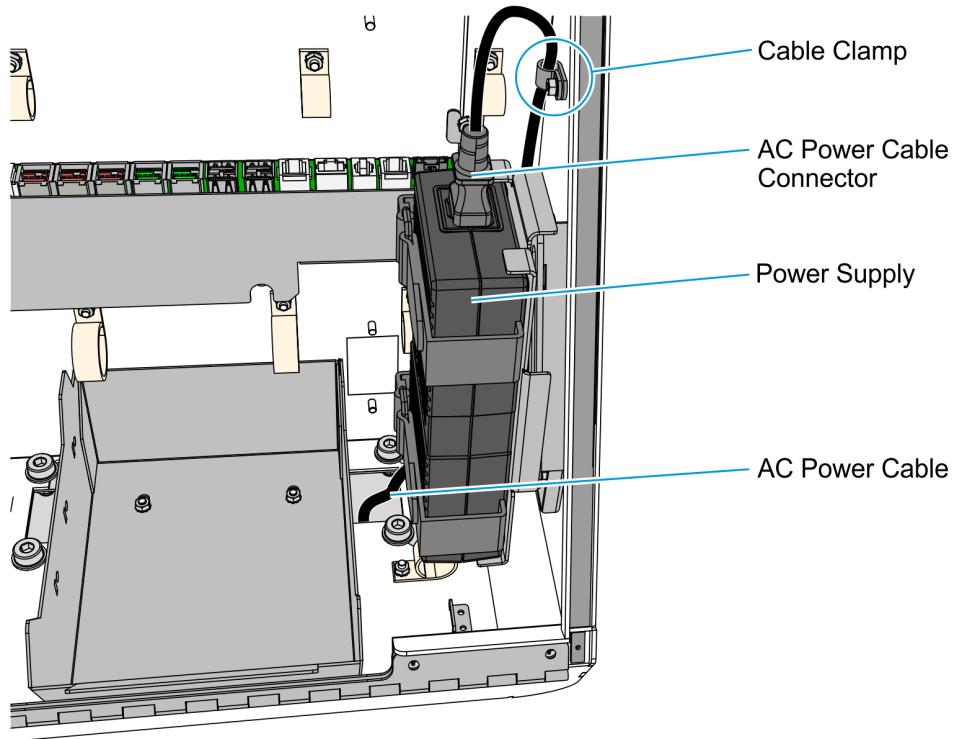
CCP-79161

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



CCP-79162

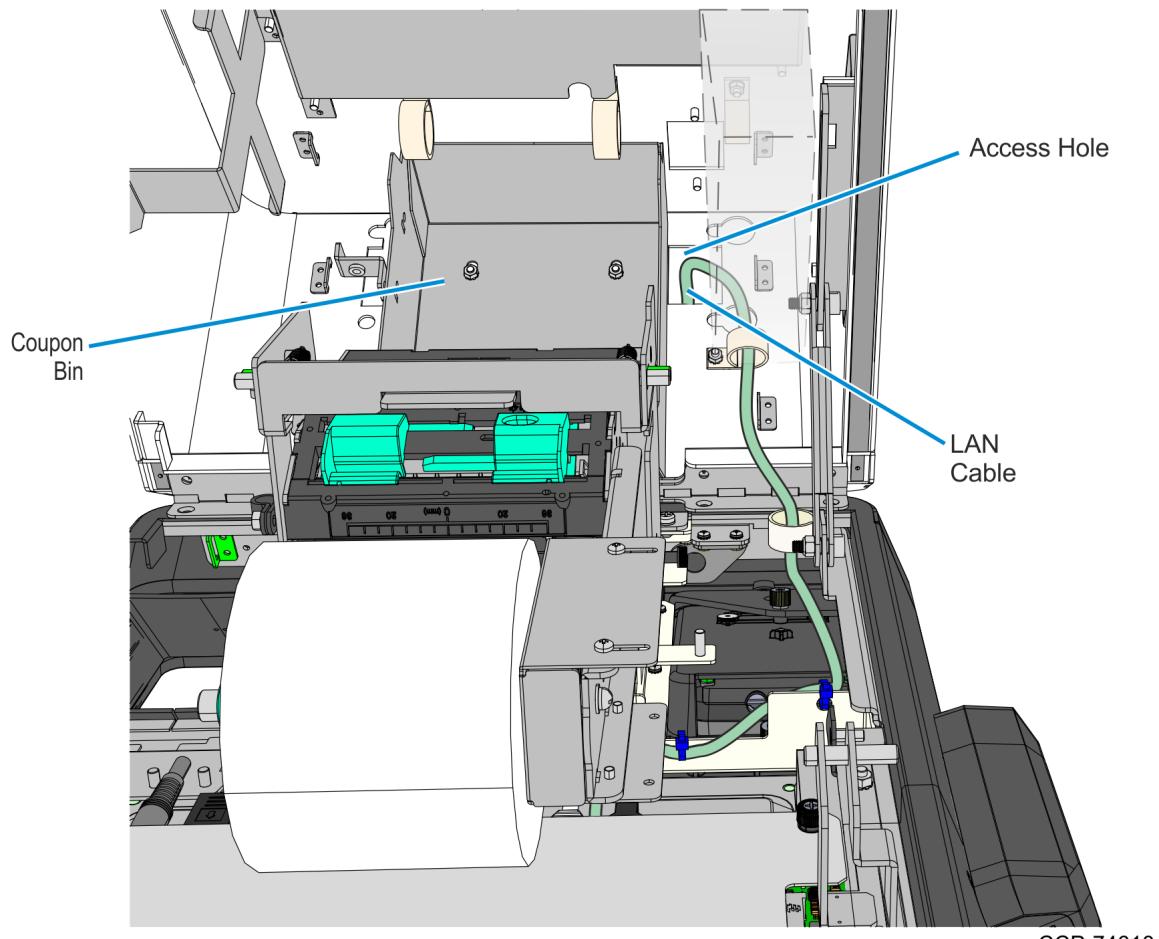
10. Reconnect the AC Power Cable to the Power Supply Unit.



CCP-79163

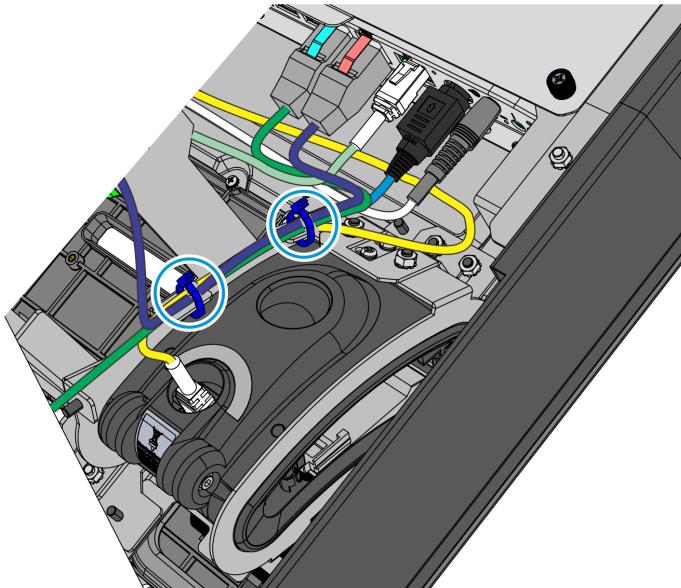
- a. Route the AC Power Cable back into the kiosk head, through the bottom access hole, and connect it to the Power Supply Unit.
- b. Insert the AC Power Cable into the cable clamp and then use a nut to secure the cable clamp to the cabinet.

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



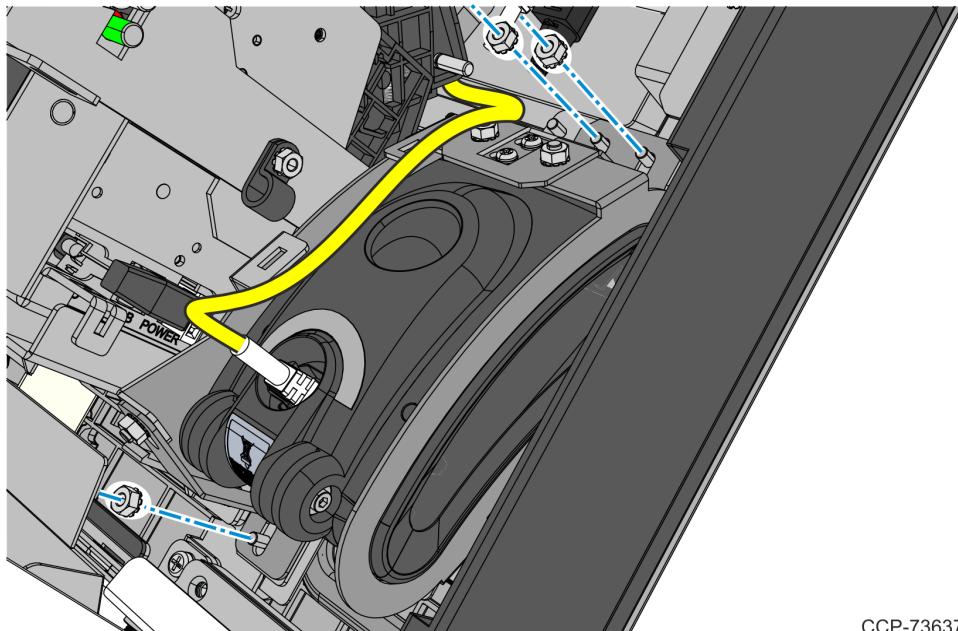
# Removing the Imaging Scanner

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.



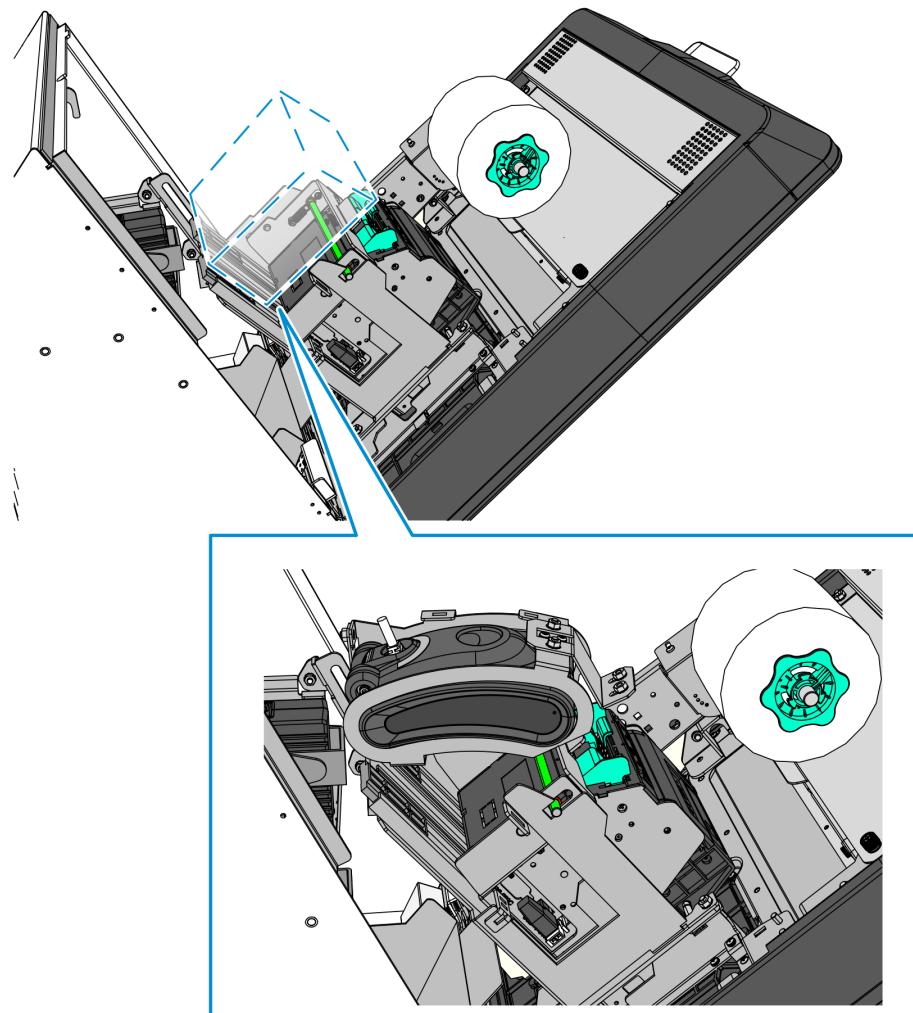
CCP-78446

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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3. Temporarily place the Imager on the space behind the Receipt Printer.



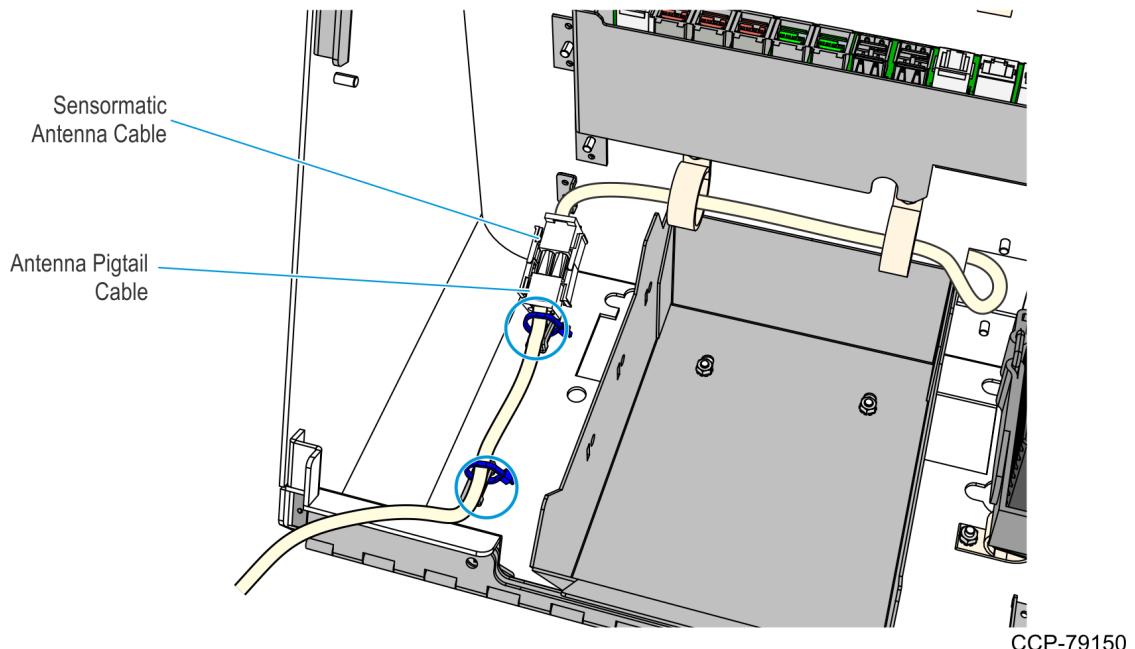
CCP-75050

# Removing the Sensormatic Antenna

## ⚠ 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.

1. Disconnect and remove the Sensormatic Cables.
  - a. Disconnect the Sensormatic Antenna Pigtail cable from the Antenna Cable, and remove the cables ties.

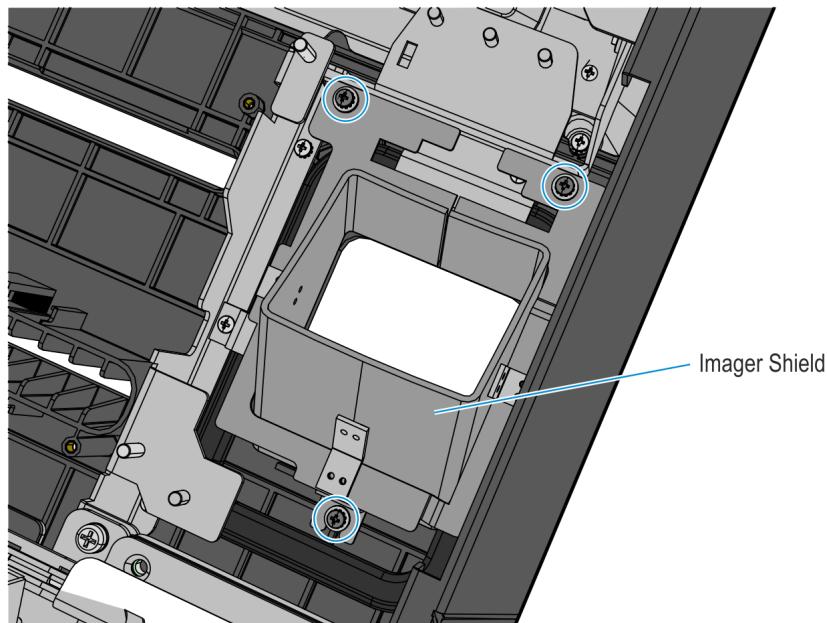


1.
  - b. Route the Sensormatic Antenna Cable out of the kiosk.

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

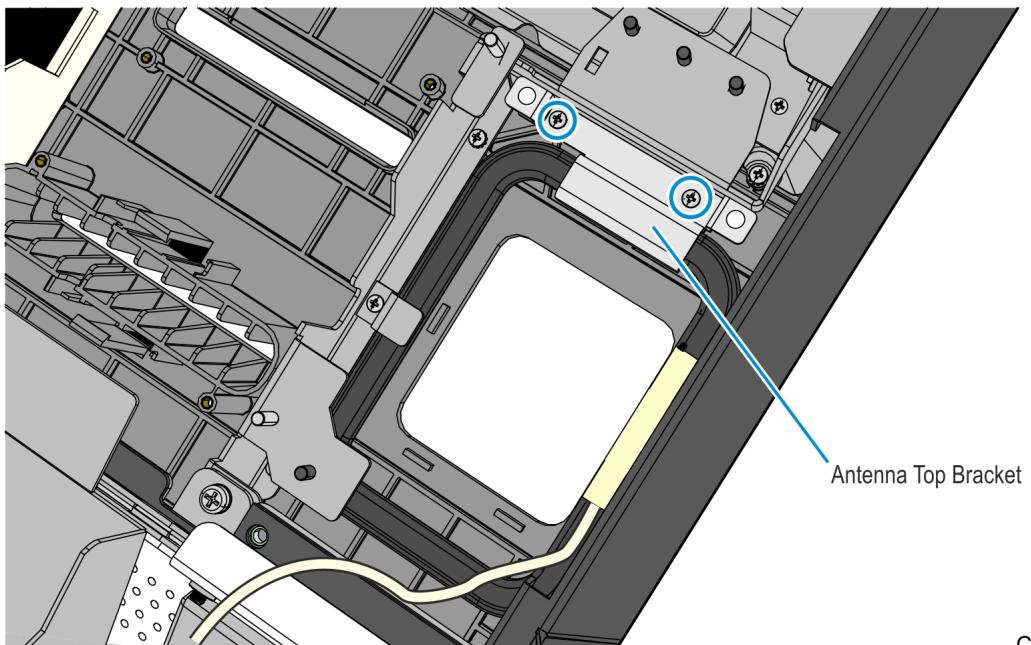
**! Important**

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



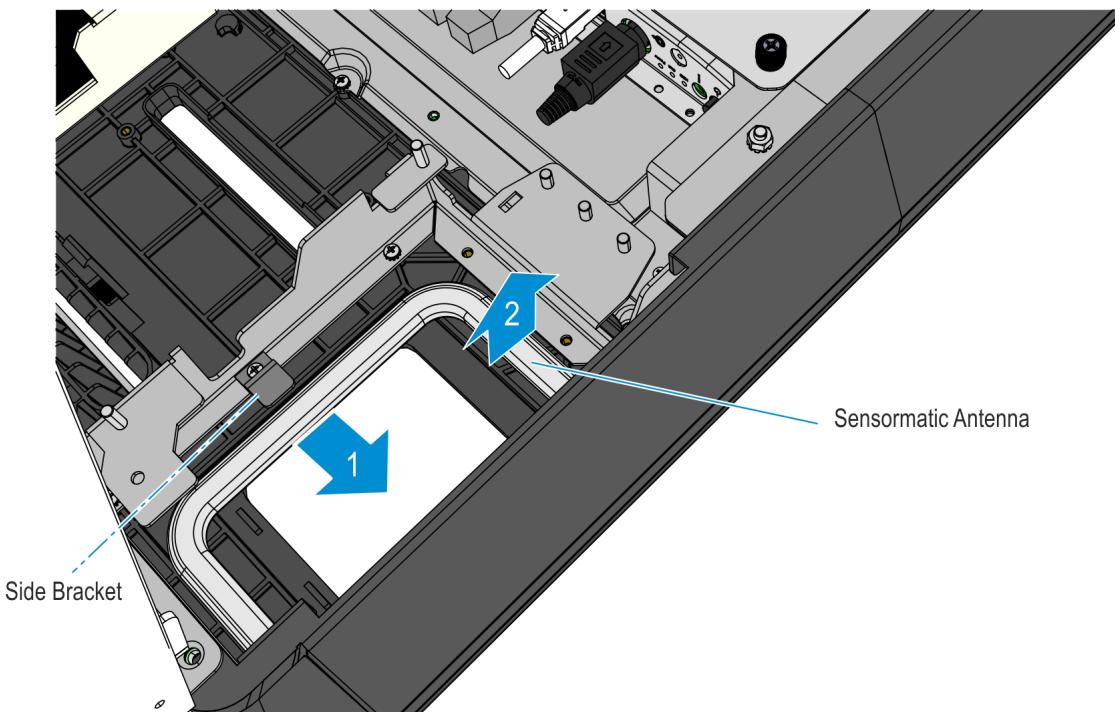
CCP-73178

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



CCP-73179

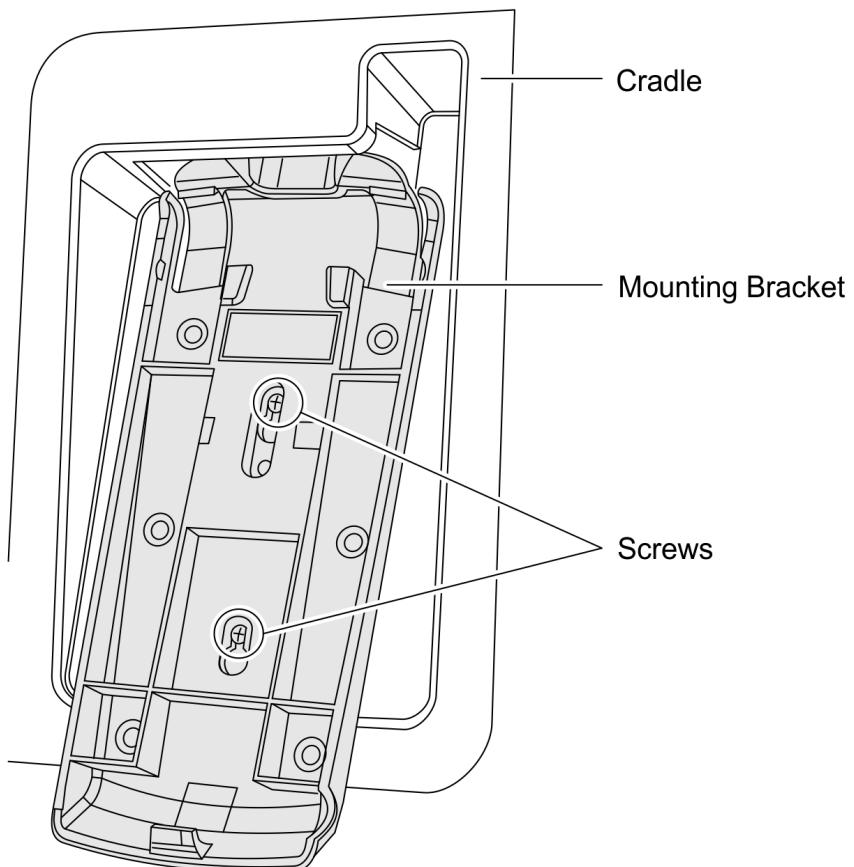
4. Slide the Sensormatic antenna away from its side bracket and lift it out of the kiosk head.



CCP-73647

# 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.
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.

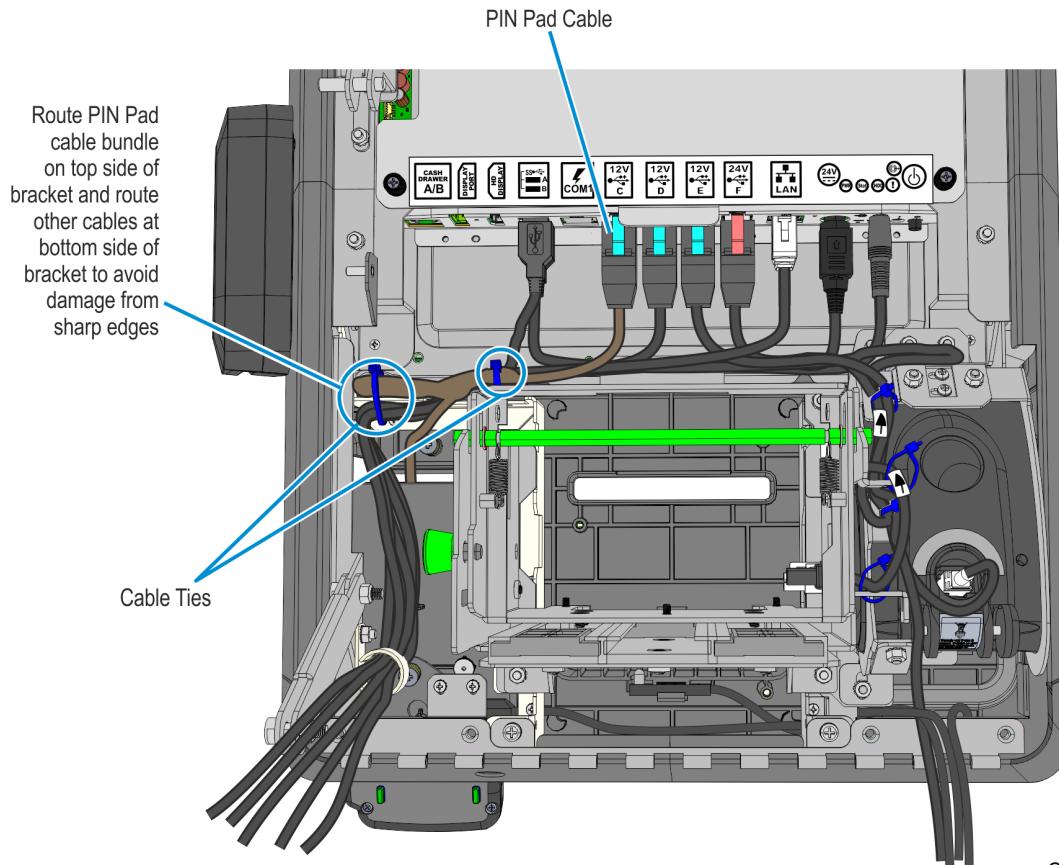


CCP-60090

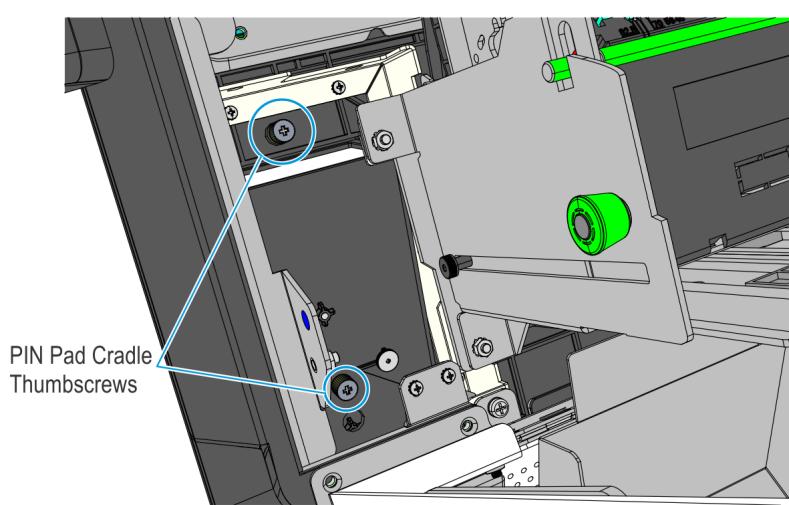
4. Slide up and remove the Mounting Bracket.

# Removing the Verifone VX805/820 PIN Pad

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



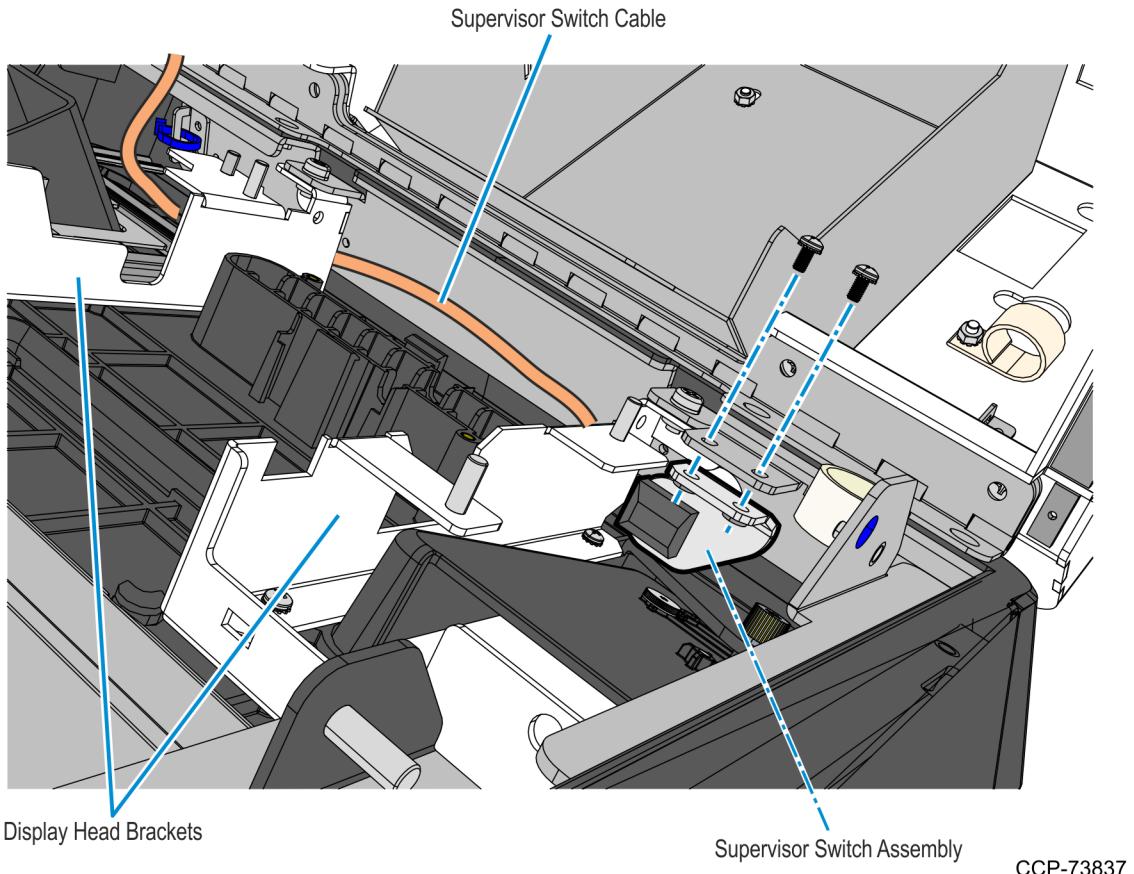
2. While holding the PIN Pad from outside the Kiosk, loosen the two thumb screws securing the PIN Pad Cradle to the Display Head and then remove the PIN Pad and PIN Pad Cradle Assembly.



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

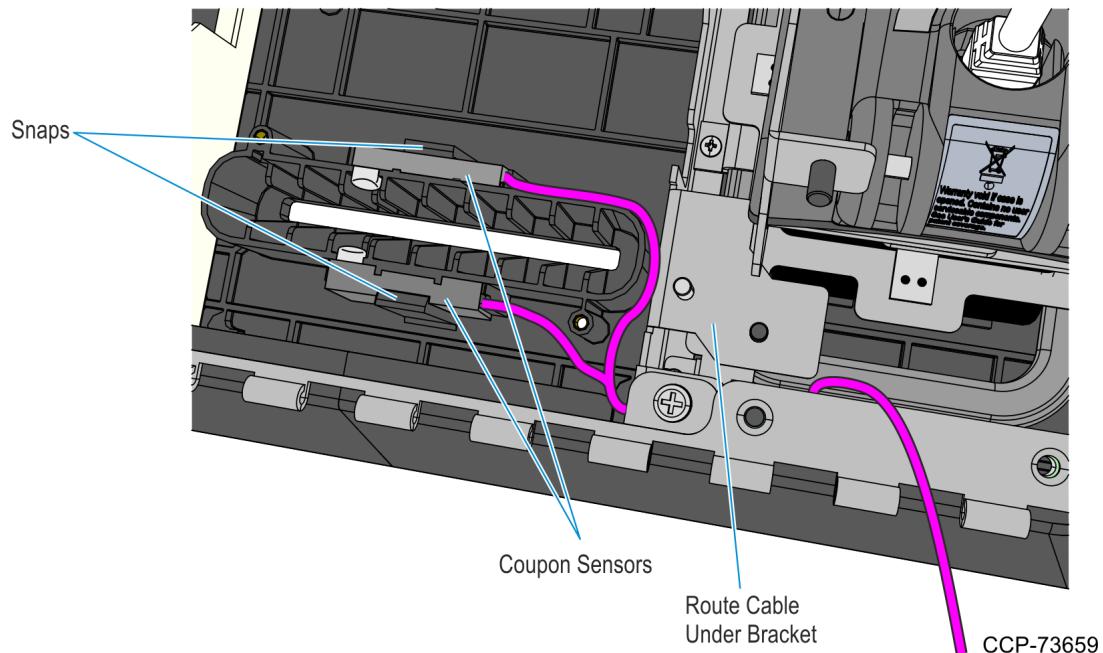
1. Remove the two M4 screws securing the Supervisor Switch assembly to the Display Head and route out the cable from under the two Display Head Brackets shown below.



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.

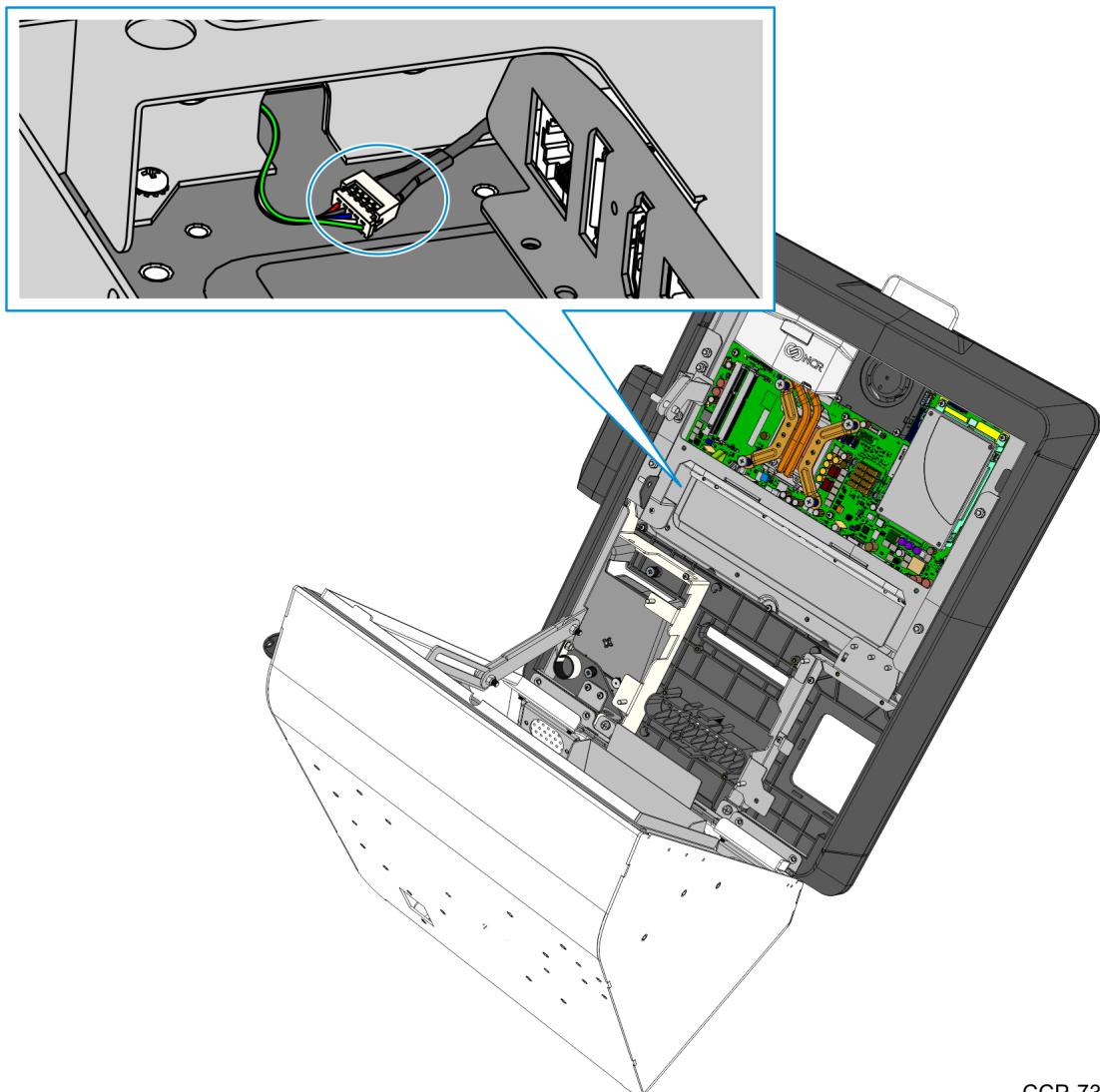
# Removing the Coupon Sensors

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.

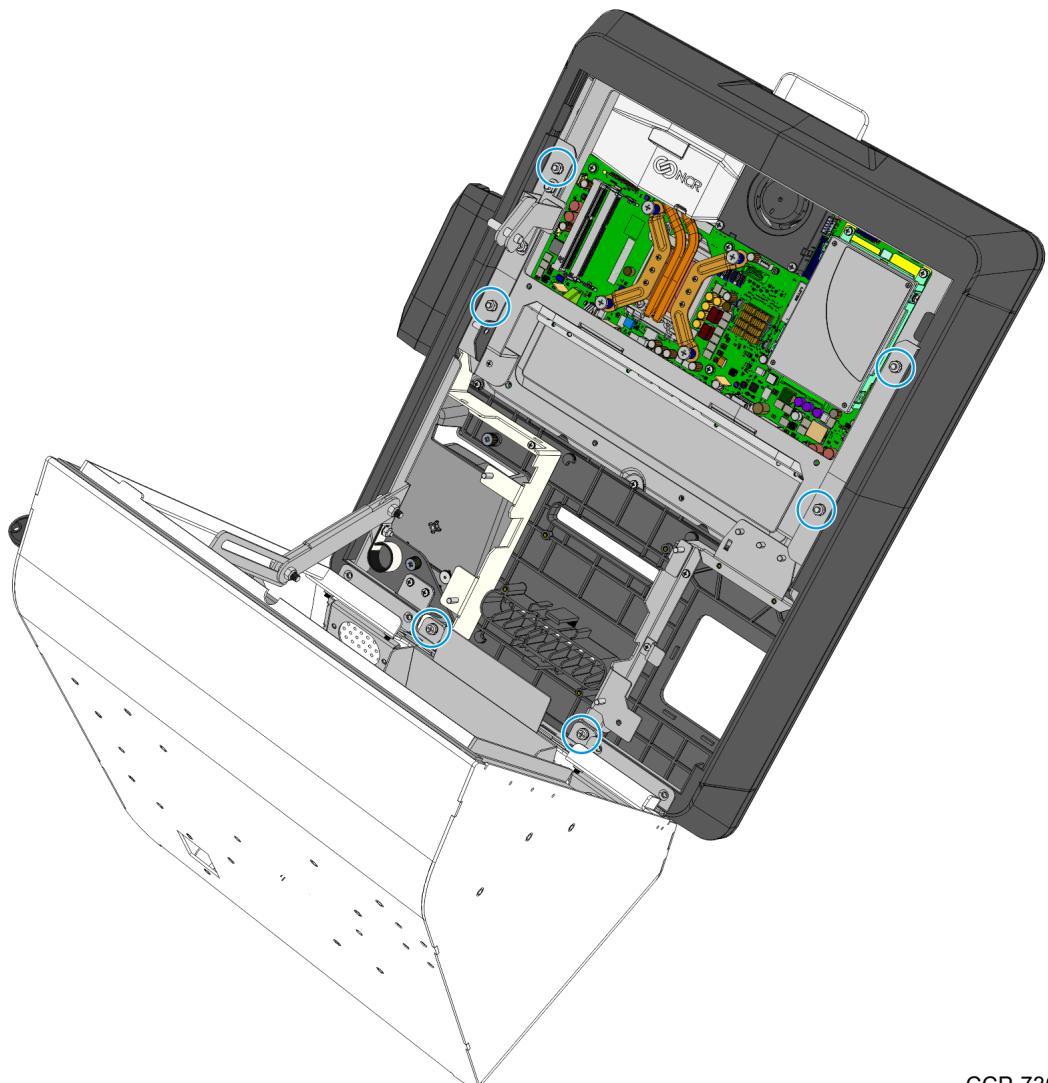


CCP-73181

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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-73650

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

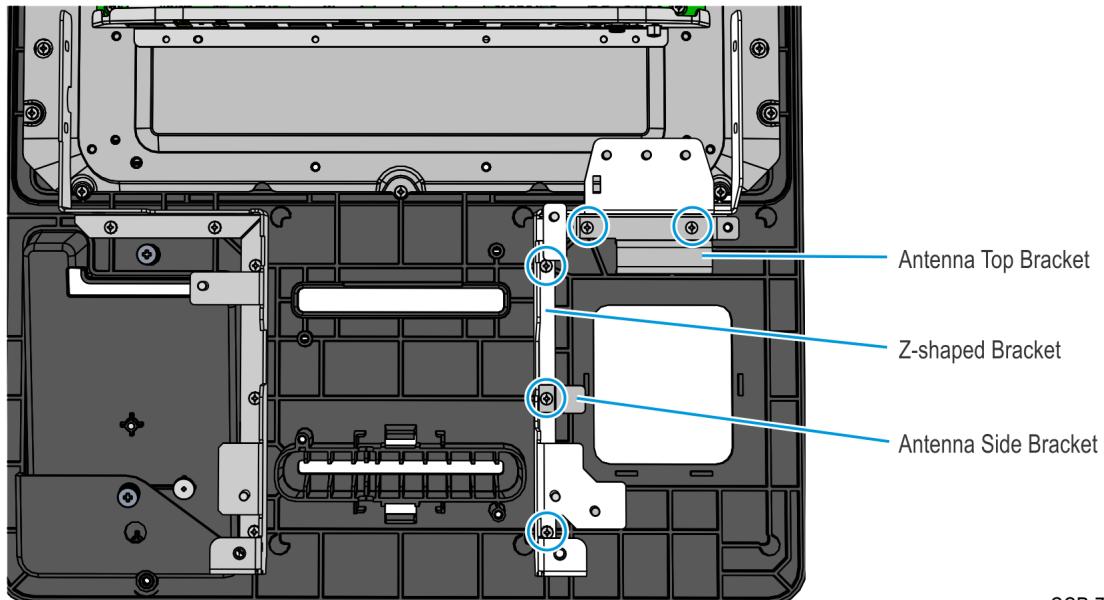


**Caution**

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.



## Note

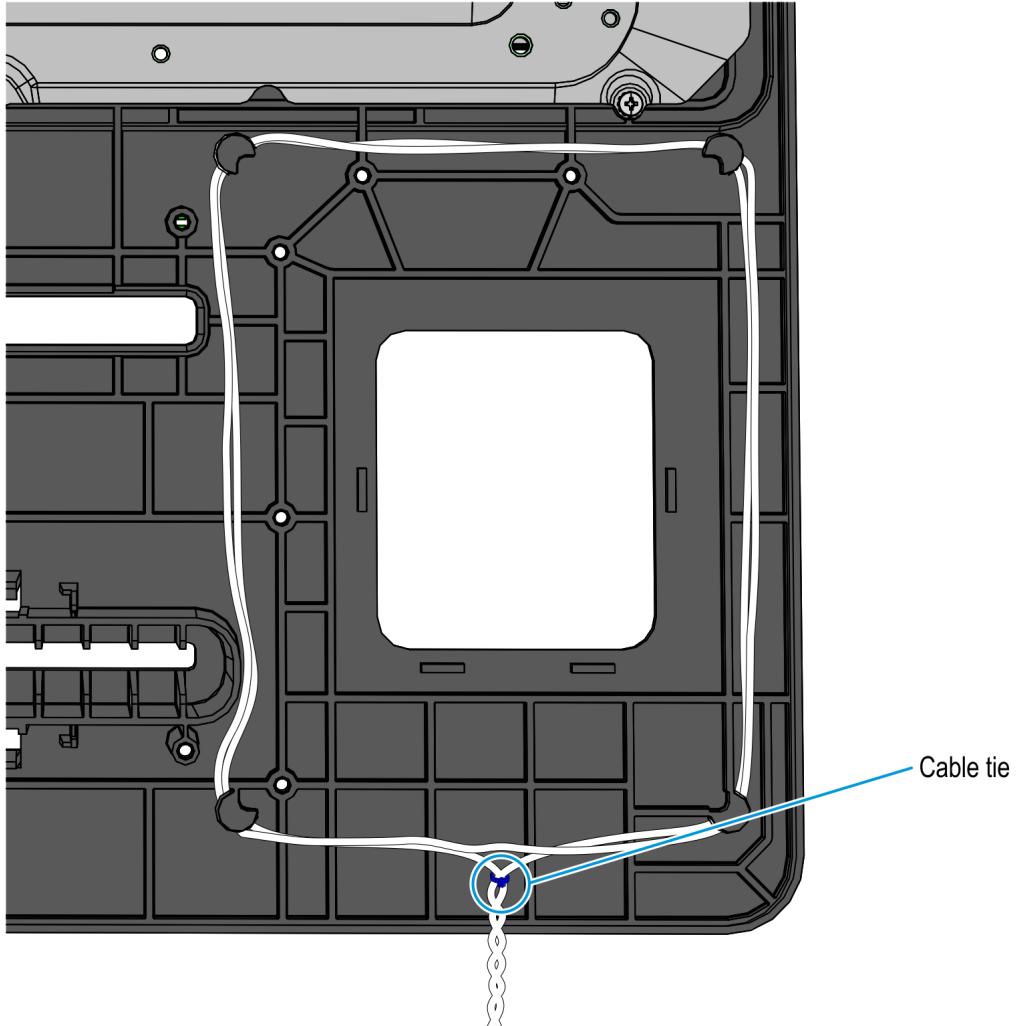
If the kiosk previously includes the Sensormatic Antenna feature, the Sensormatic Antenna Top Bracket is removed before removing the Sensormatic Antenna. For more information, refer to "[Removing the Sensormatic Antenna](#)" on page 26.

# 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.

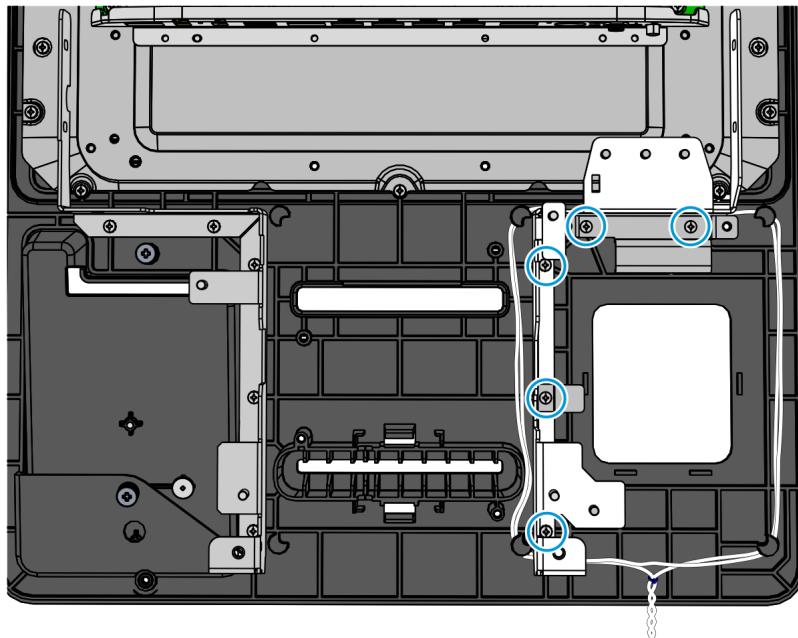
 **Note**

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

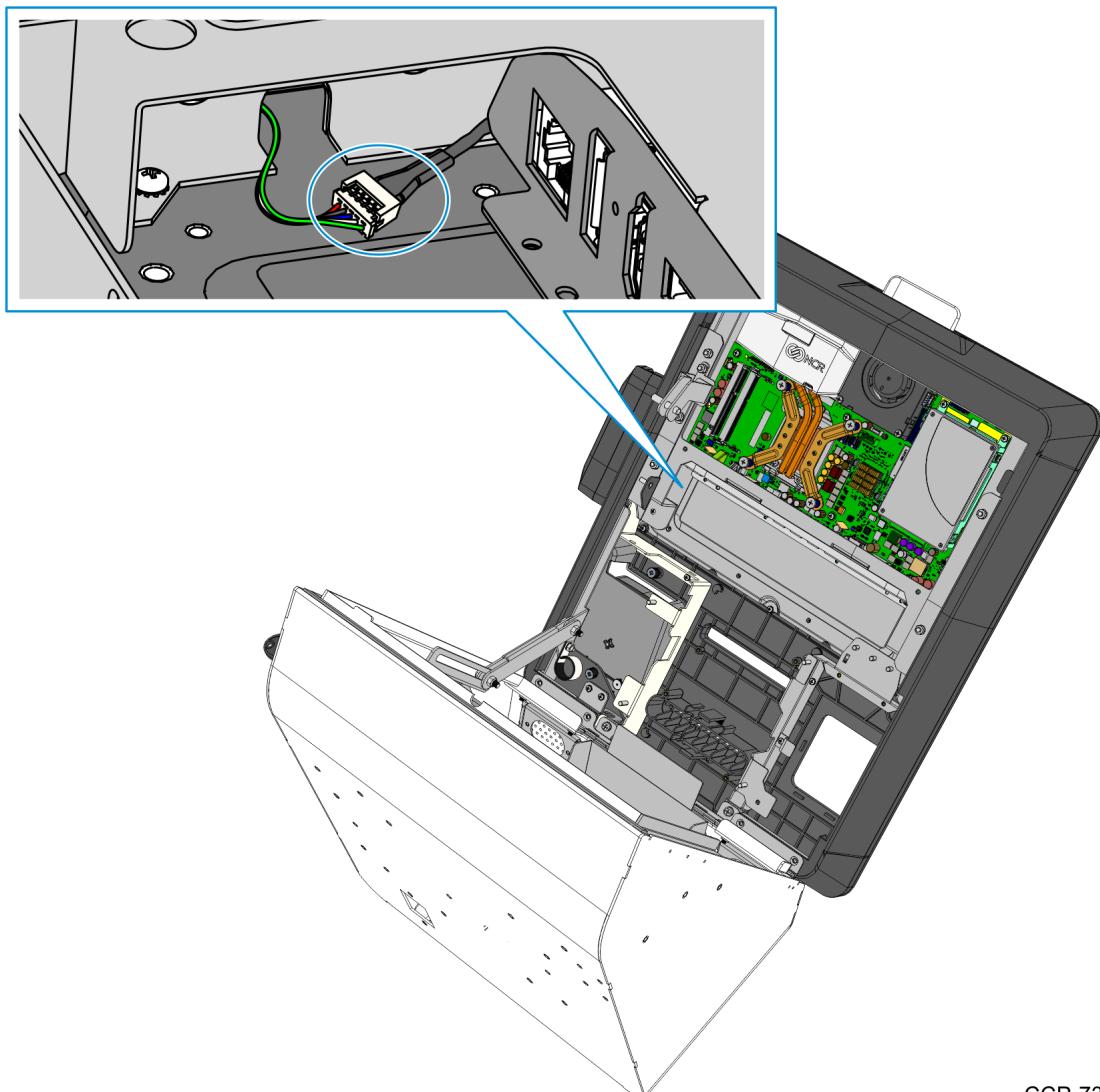
Re-install the Printer Z-shaped Bracket and the Sensormatic Brackets (if present), and then secure with five screws. CCP-78731



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.

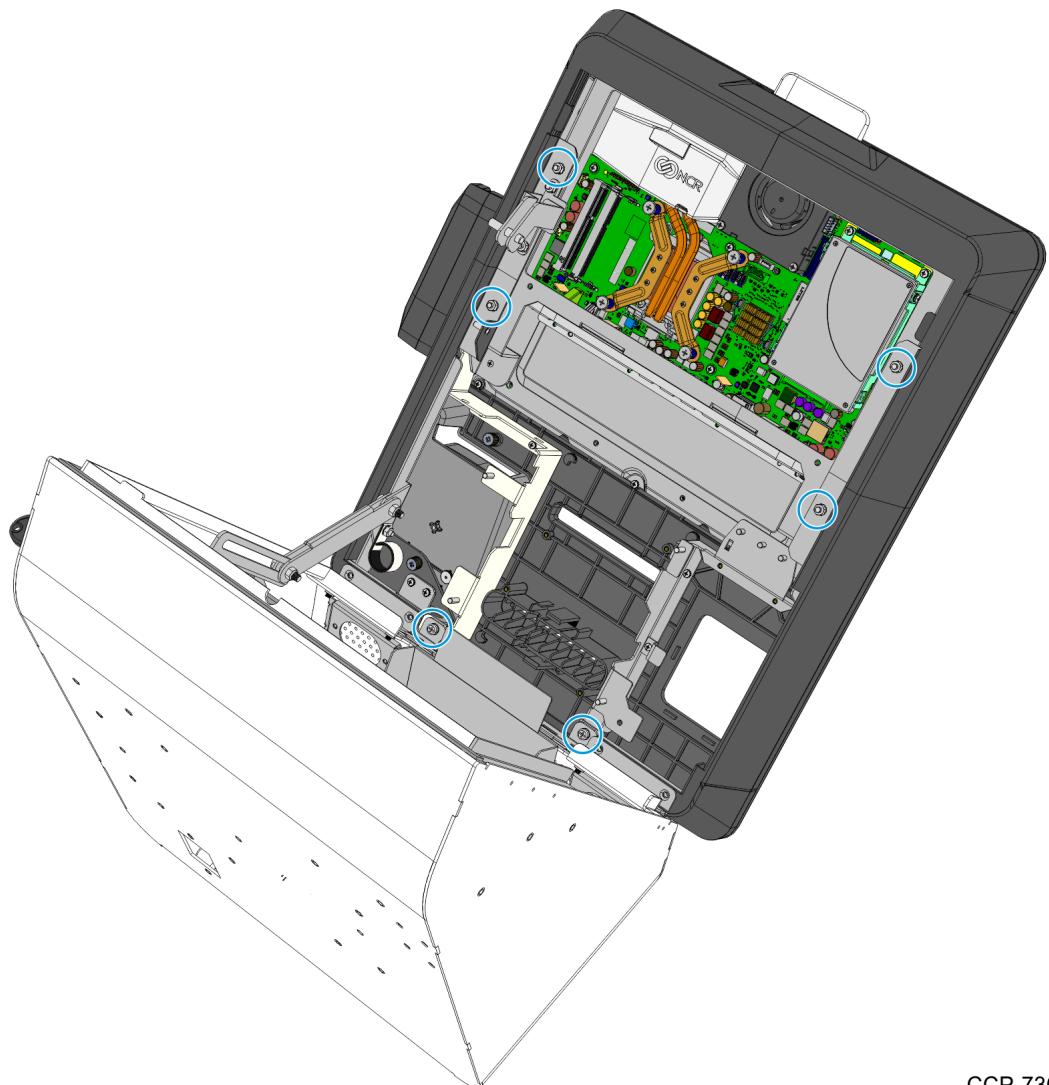


CCP-73181

Confidential and proprietary information of NCR Voyix.

Use and disclose solely pursuant to company instructions.

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



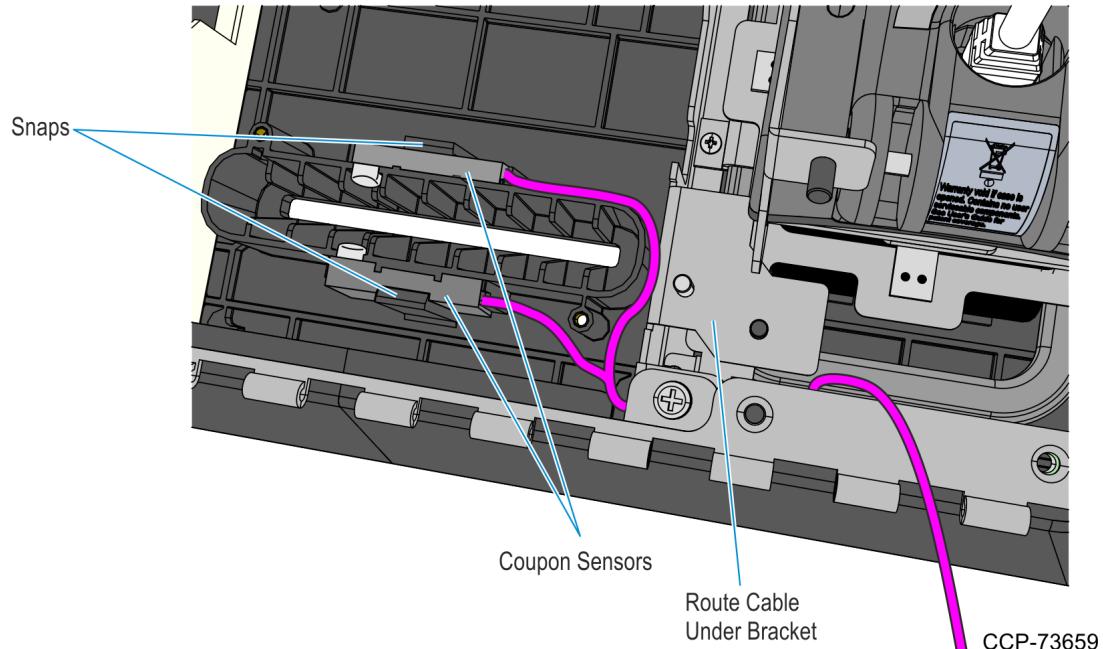
CCP-73650

Confidential and proprietary information of NCR Voyix.

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# Installing the Coupon Sensors

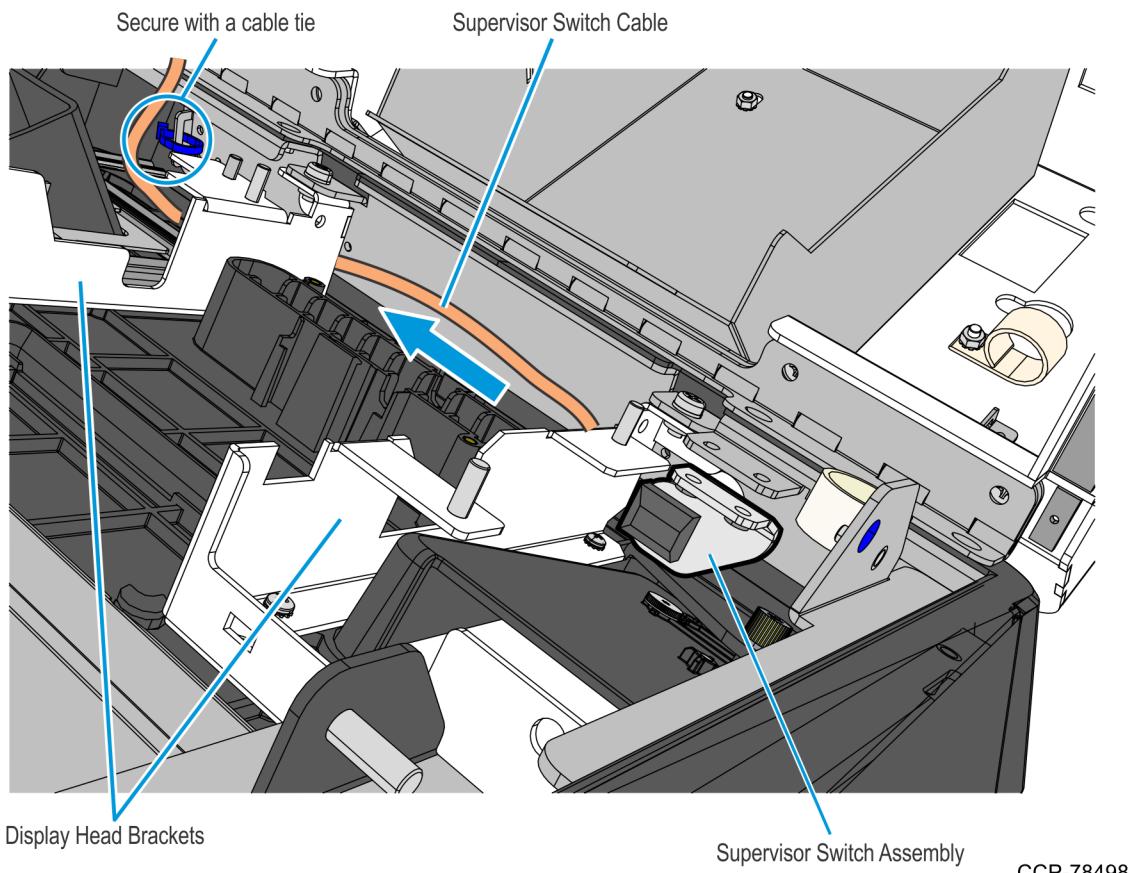
On the Display Head, route the cable under the Imager Bracket and snap the Coupon Sensors near the coupon entry slot.



CCP-73659

# 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.

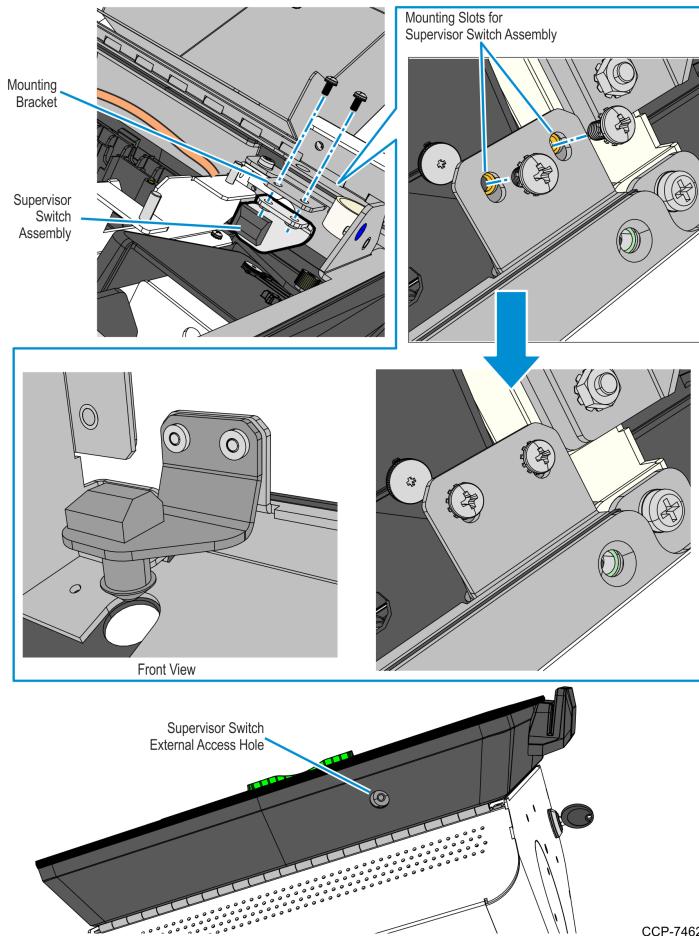


CCP-78498

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

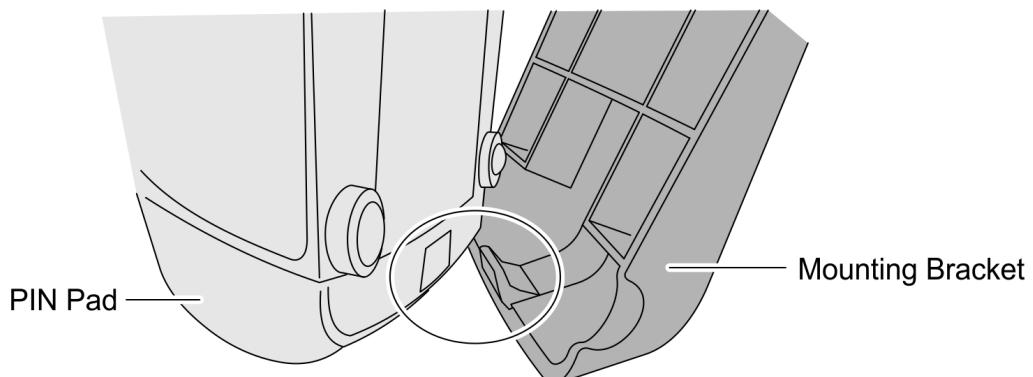
**! Important**

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 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.

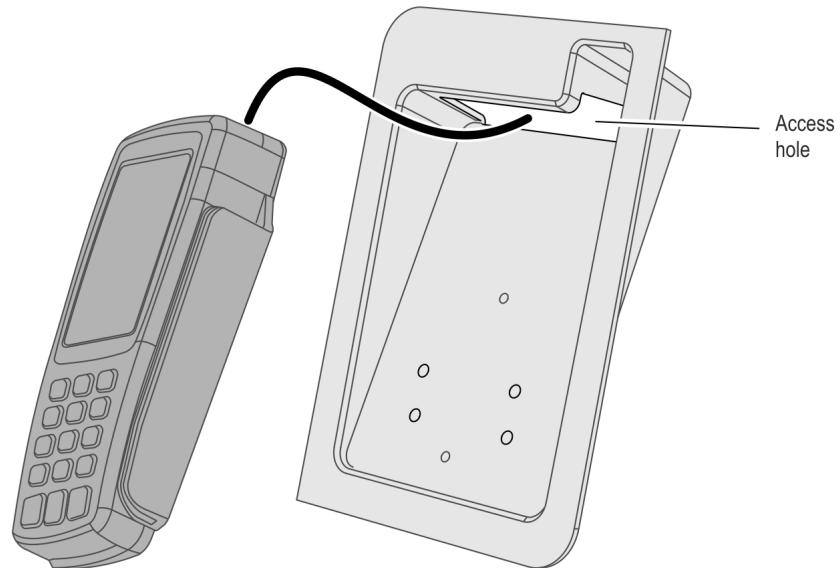


CCP-60071

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

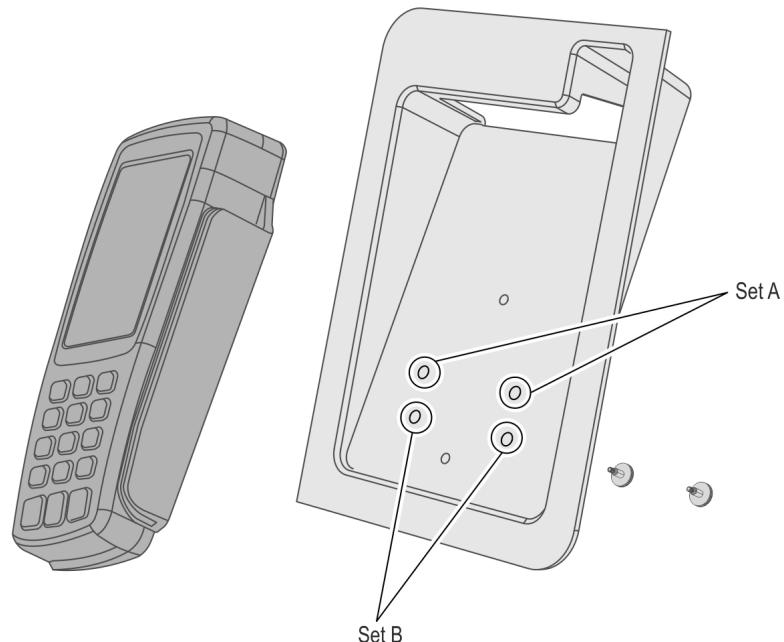
# Installing the Verifone VX805/820 PIN Pad

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



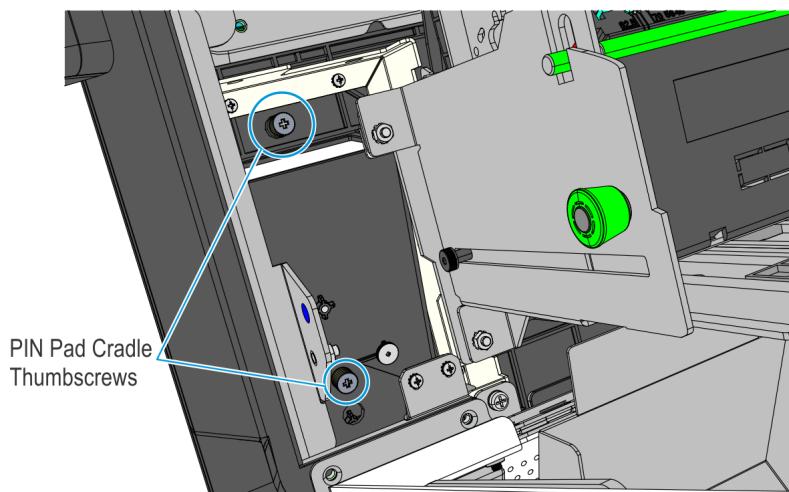
CCP-61344

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



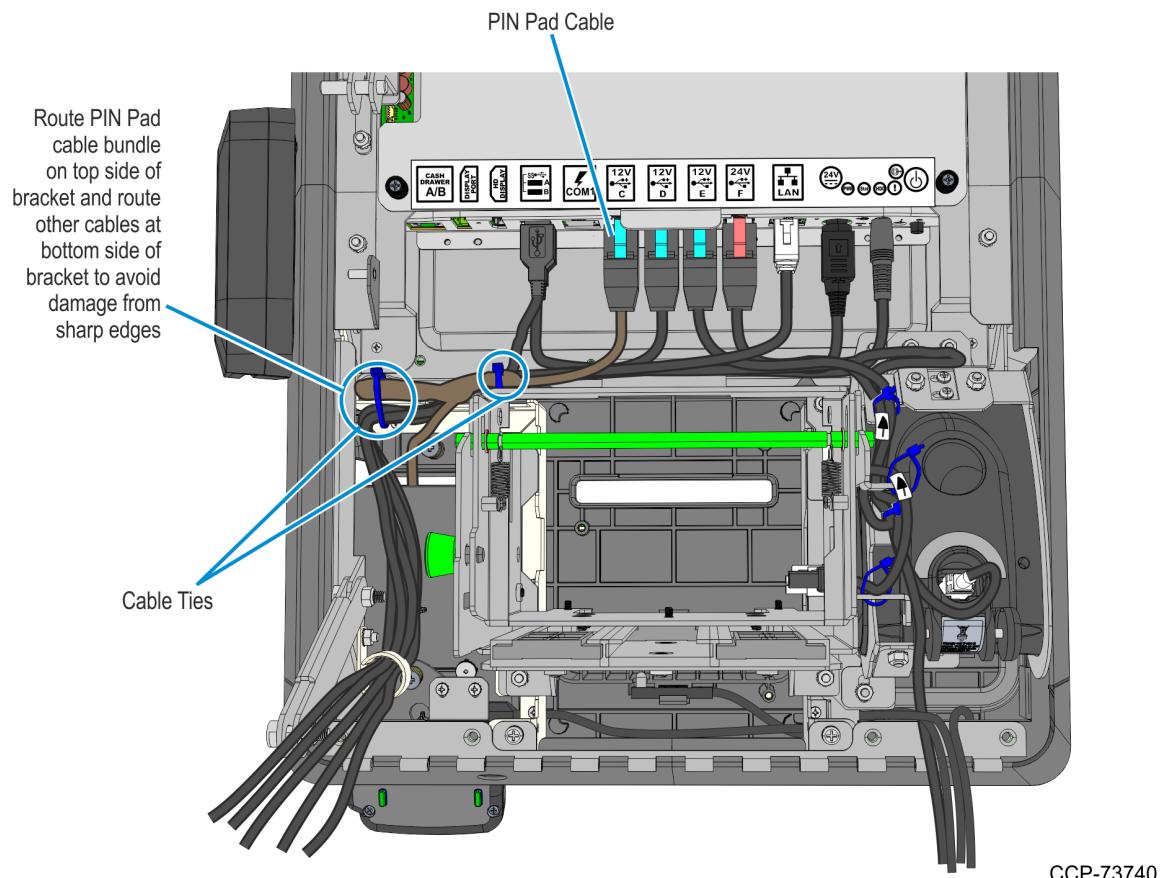
CCP-61346

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



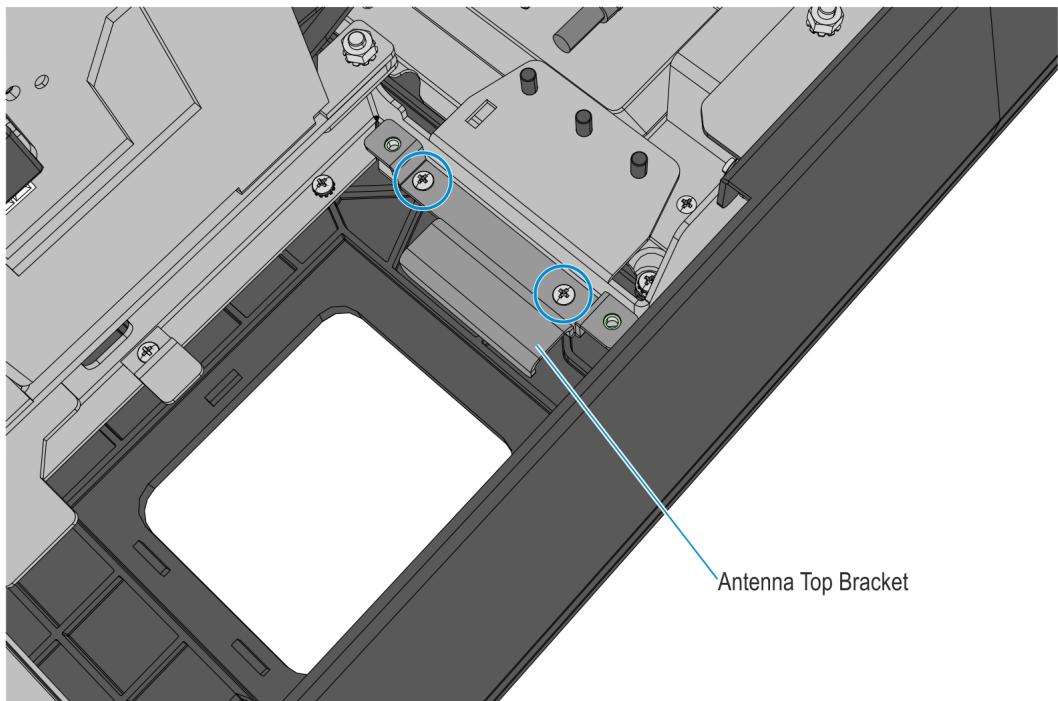
CCP-78706

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



# Installing the Imager Shield

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

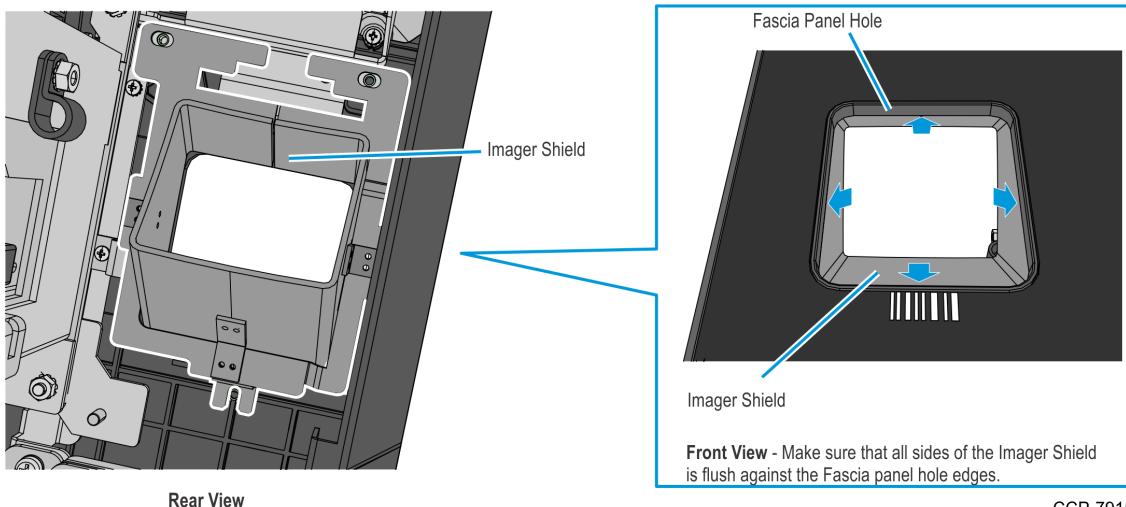


CCP-73694

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.

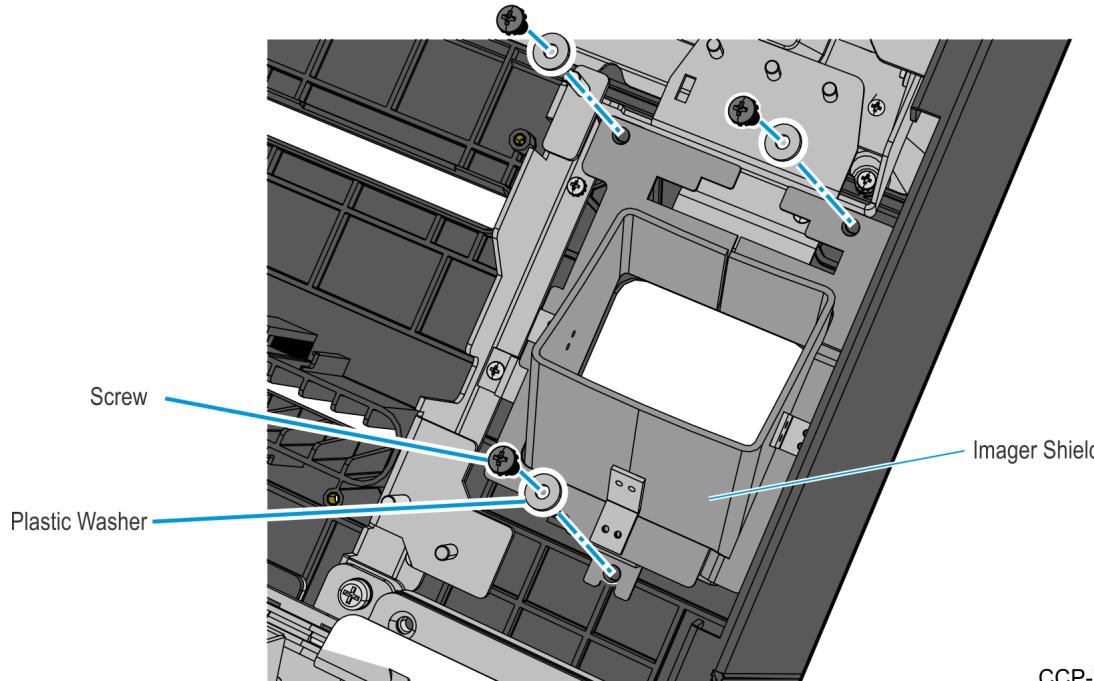


CCP-79156

3. 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.



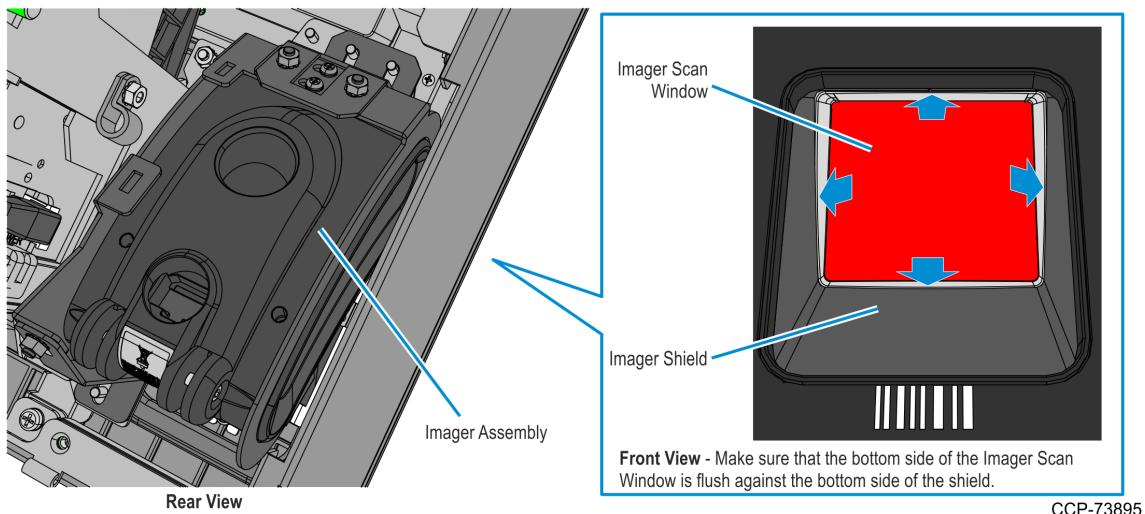
CCP-79155

# Installing the Imager Scanner

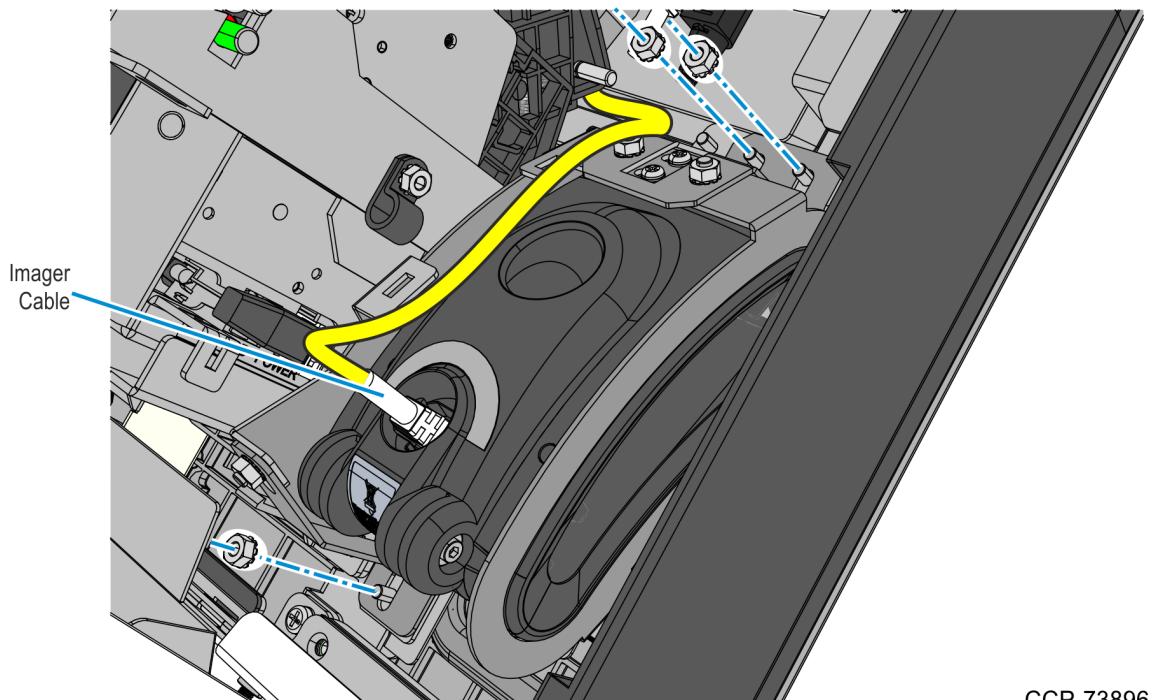
1. Mount the Imager assembly over the Imager Shield.

**! Important**

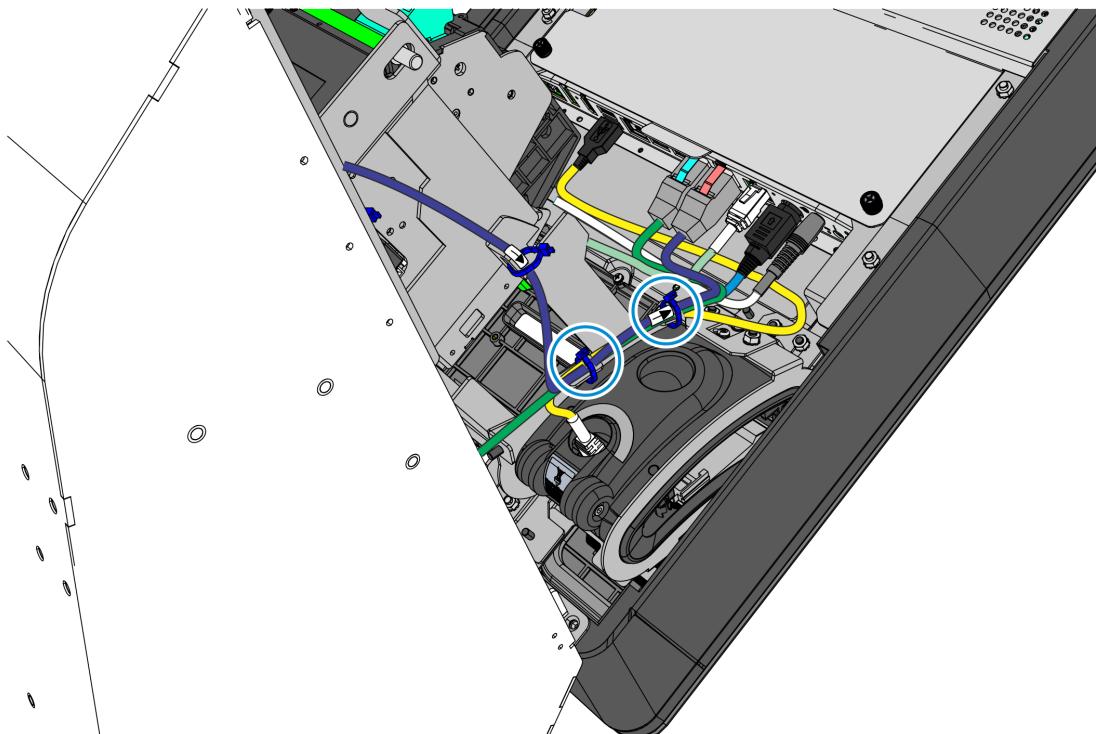
On the front side of the fascia, make sure that the bottom side of the Imager Scan Window is flush against the bottom side of the Imager Shield. Adjust the alignment of the Imager accordingly.



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



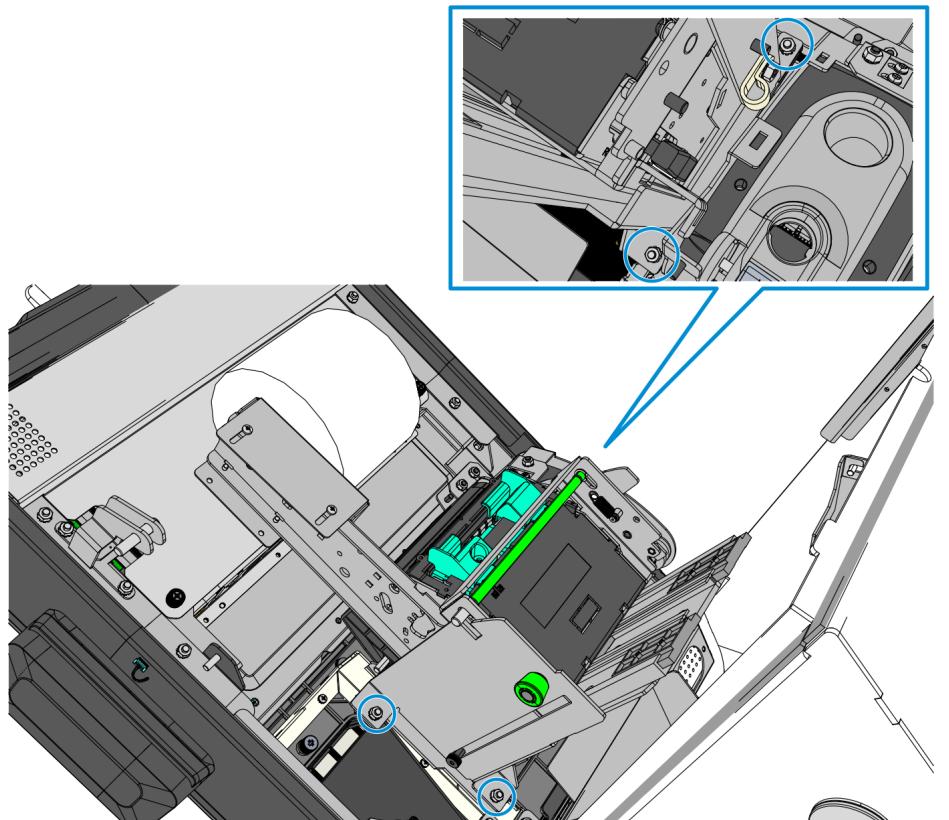
CCP-73636

# Installing the Receipt Printer

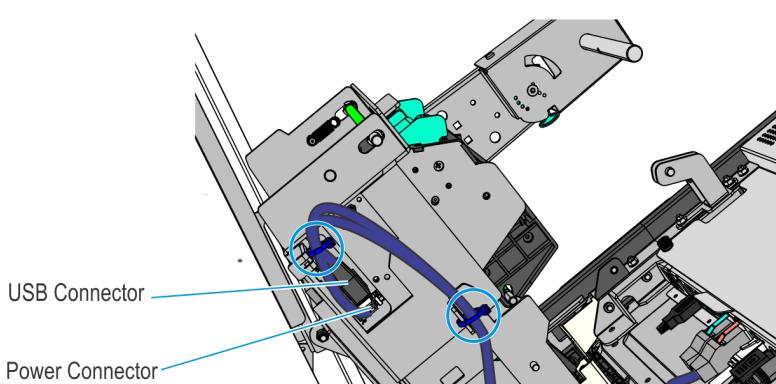
1. Mount the Receipt Printer assembly to the kiosk and secure using four nuts.

**⚠ Caution**

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



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.

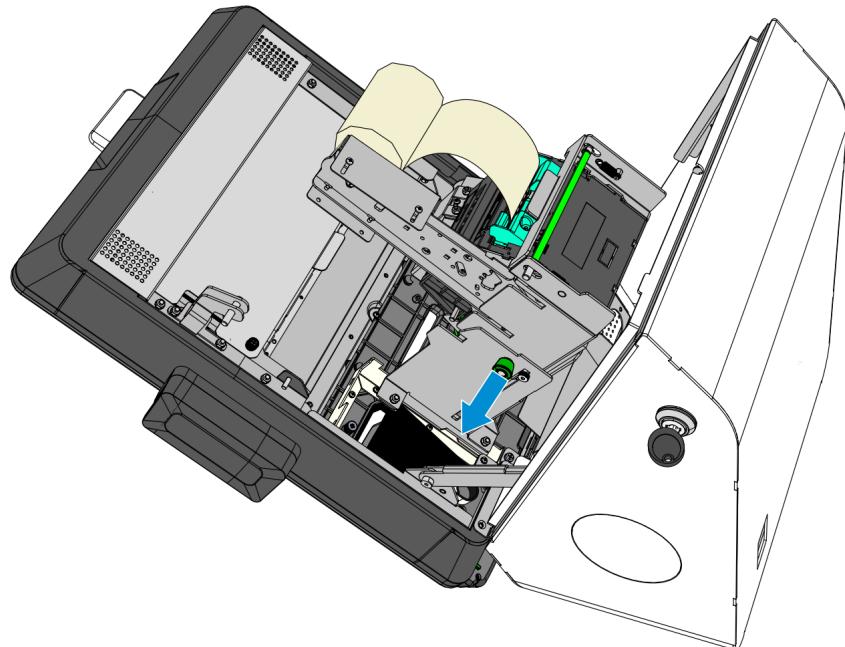


3. Slide the Receipt Printer downward into operating position.

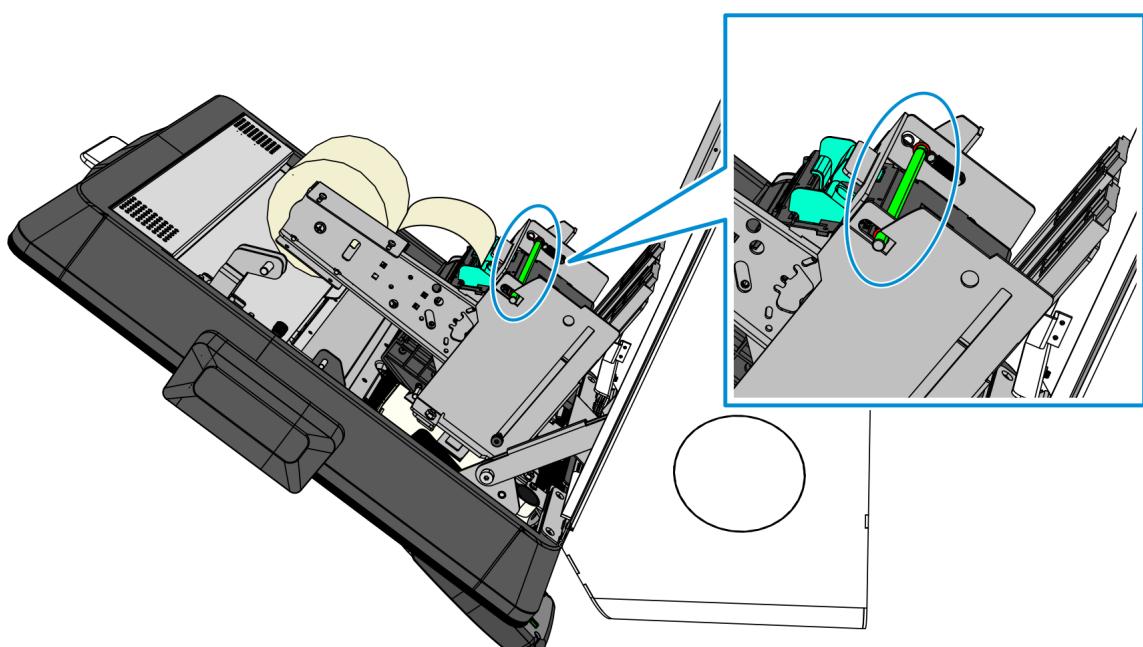
4. Pull the green plunger and slowly slide the printer assembly downward until the green release rod latches to the printer tray.

**⚠ 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.



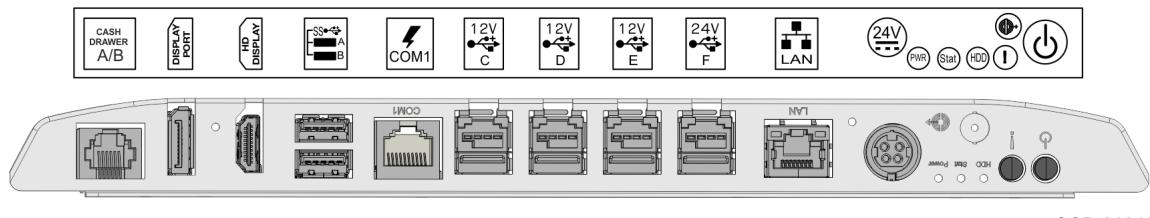
CCP-73625



CCP-73626

# I/O Motherboard Cable Connections

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



CCP-61343

Motherboard Port	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

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

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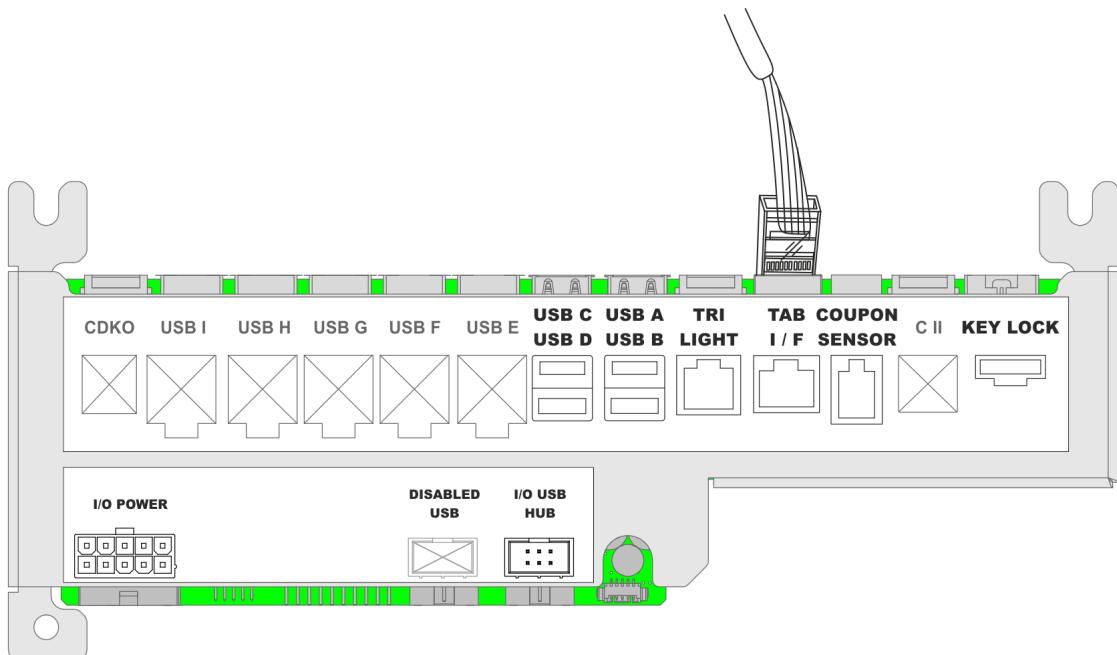
Use and disclose solely pursuant to company instructions.

Connector	Device/Cable
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

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# I/O Adapter Cable Connections

The NCR Voyix SelfServ™ 90 (7709) provides labels that show the connectors of the Adapter. The table below indicates the type of device or cable for each connector.



CCP-61349

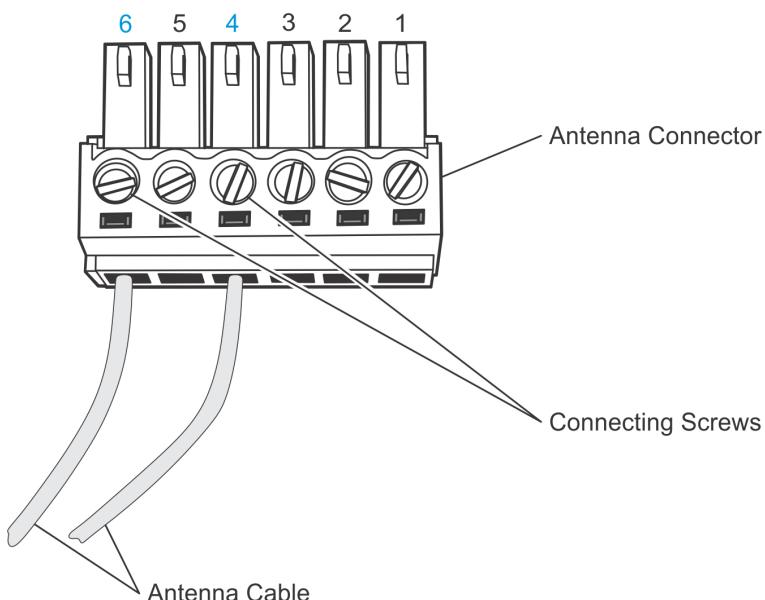
I/O Adapter Port	Device/Cable
USB A	Handheld Scanner
Tri Light	Indicator Light
TAB I/F	Checkpoint Signal Cable
Coupon Sensor	Coupon Sensor Cable
I/O Power	P2 of the I/O Cable
I/O USB Hub	P3 of the I/O Cable

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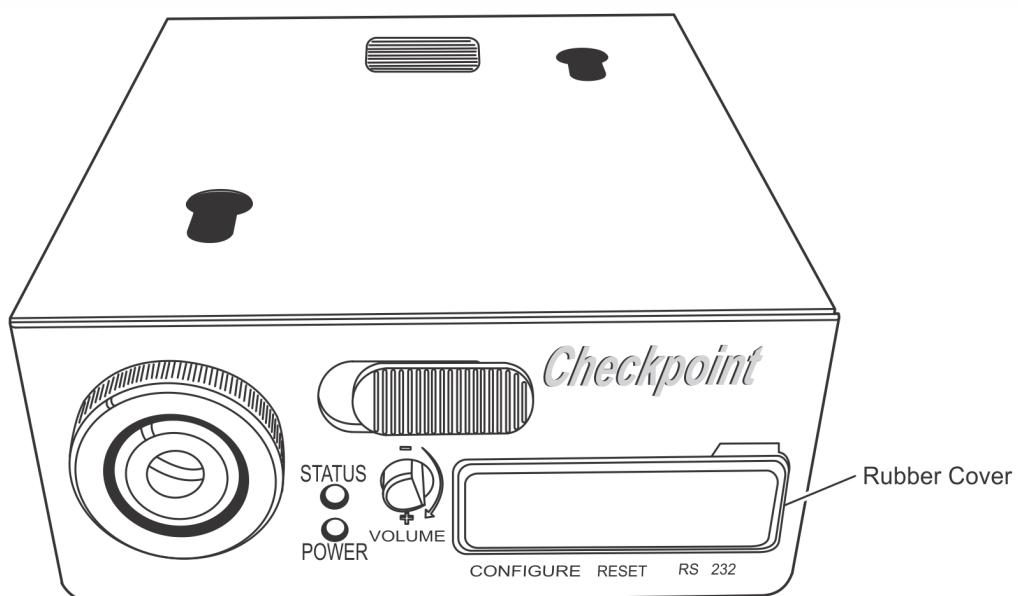
# Installing the Checkpoint Controller and Power Supply

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.



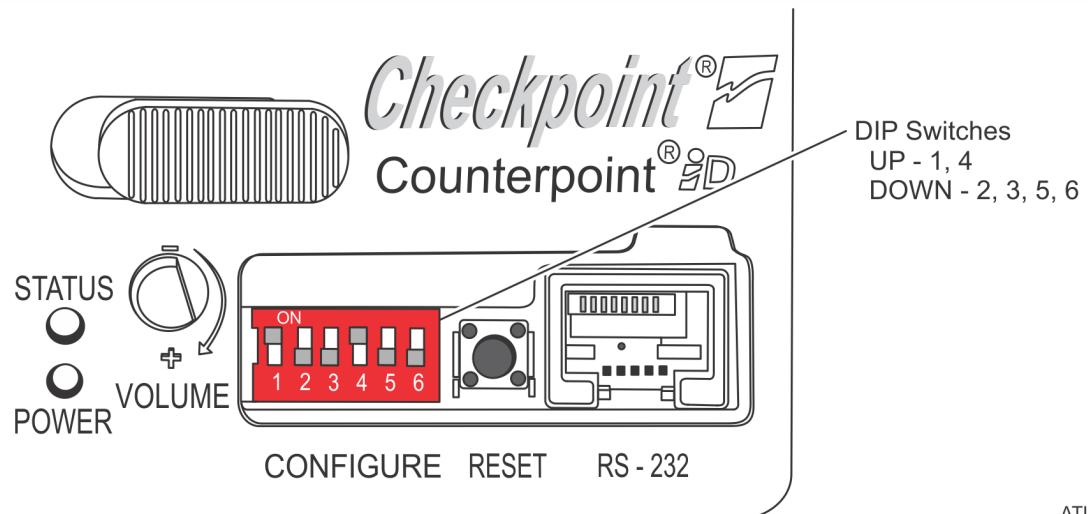
ATL-33723

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



ATL-33724

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

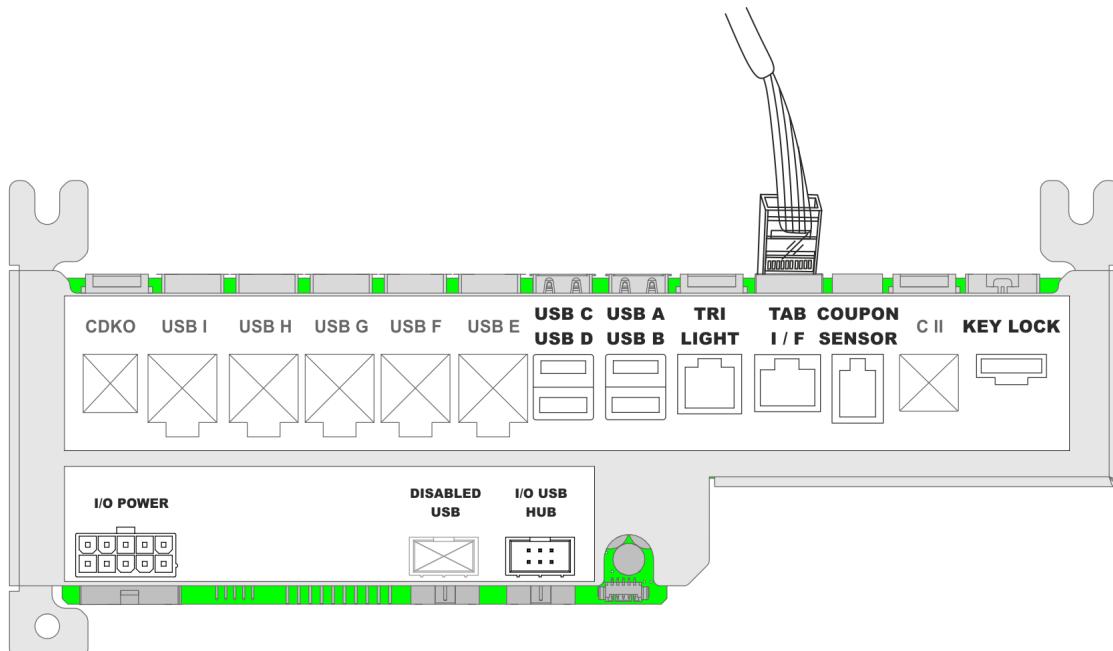


ATL-33725

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

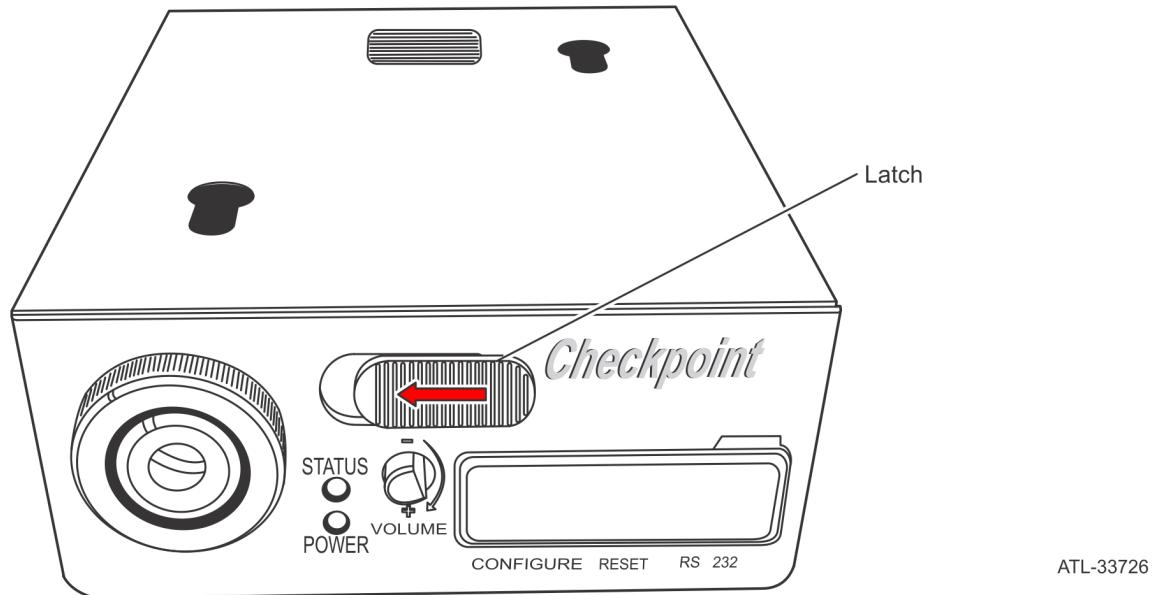
 **Note**

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

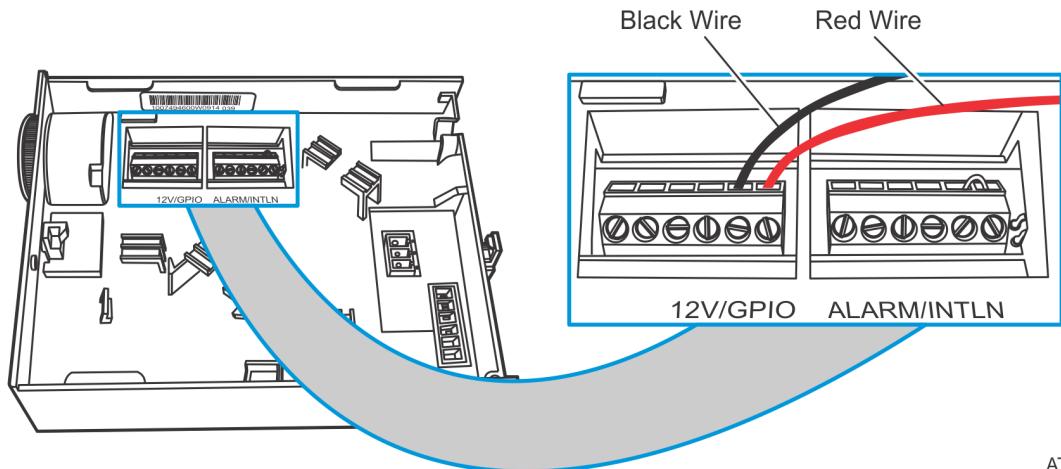


CCP-61349

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

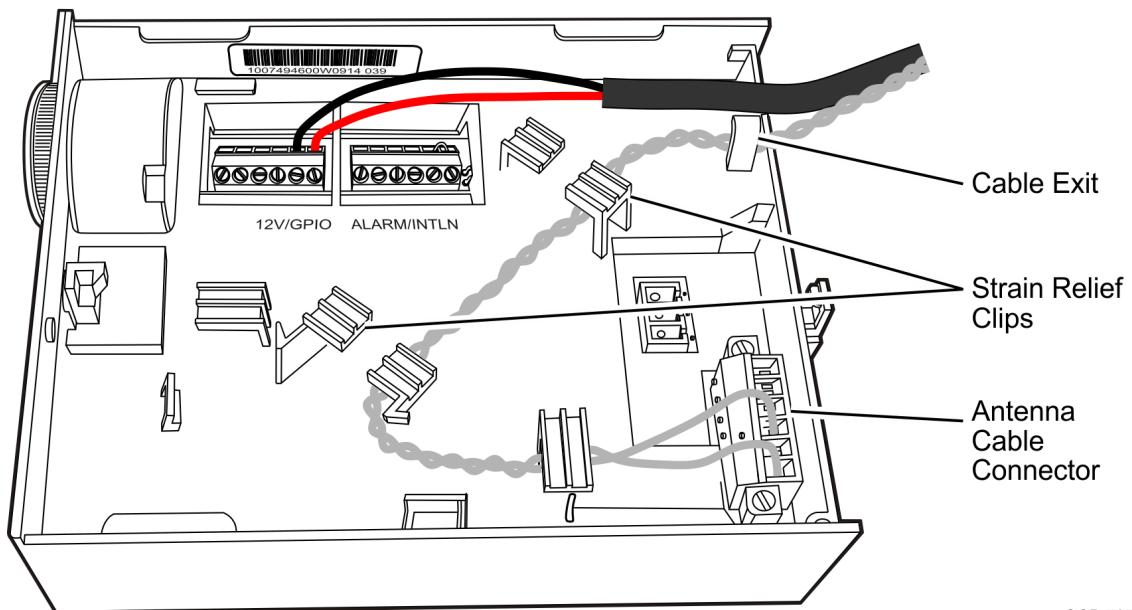


6. Connect the other end of the Checkpoint Signal Cable to the Checkpoint Controller.
  - Connect the Black and Red wires of the Checkpoint Signal Cable to the connector inside the Checkpoint Controller, as shown in the following illustration. Use a small Flathead Screwdriver to loosen and tighten the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



- 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.



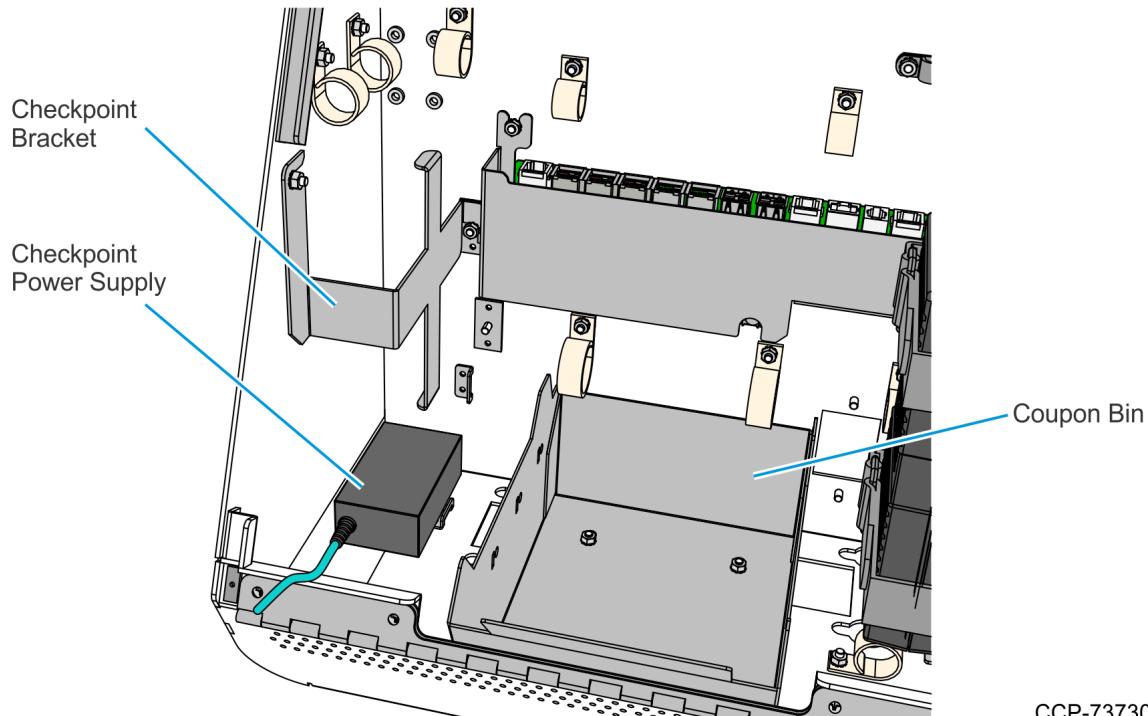
CCP-78755

- 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.

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

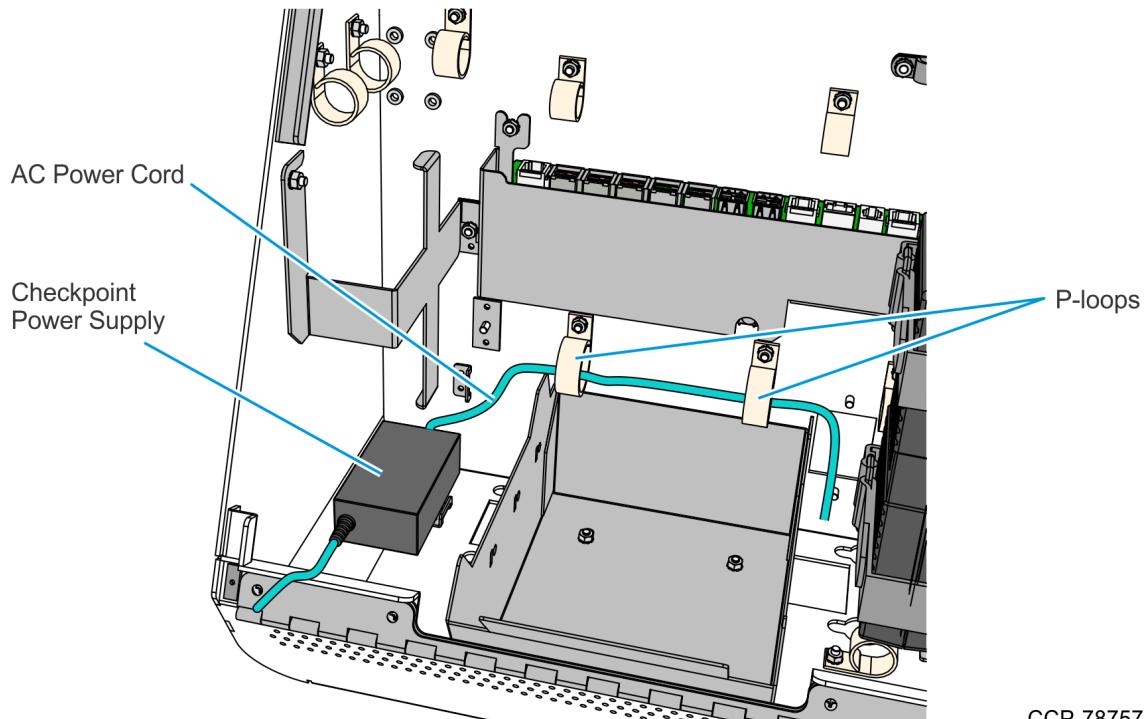
 **Note**

The Checkpoint Bracket is shown only for reference.



CCP-73730

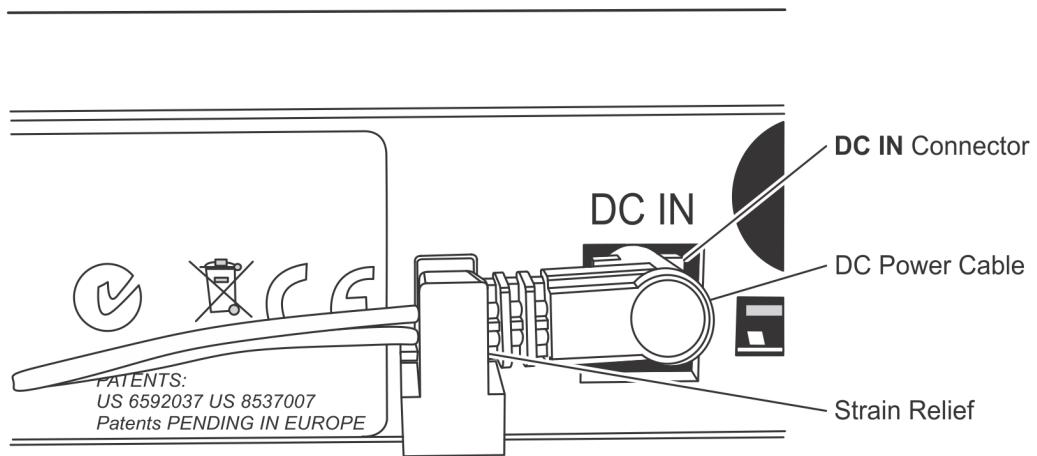
11. Route the Checkpoint AC Power Cord from its Power Supply, out of the kiosk, and to the AC Receptacle.
  - a. Route the Checkpoint AC Power Cord through the p-loops just above the Coupon Bin, as shown in the following image.



CCP-78757

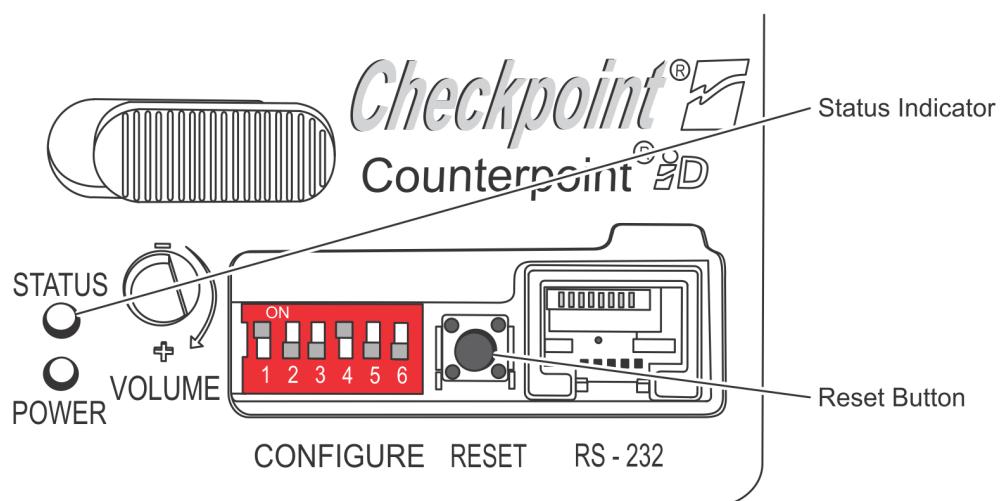
- b. Depending on the kiosk configuration, do one of the following:
    - For Counter Top configuration, route the Checkpoint AC Power Cord through the hole on the rear cover of the kiosk.
    - For Wall Mount configuration, route the Checkpoint AC Power Cord through the hole on the bottom of the kiosk 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

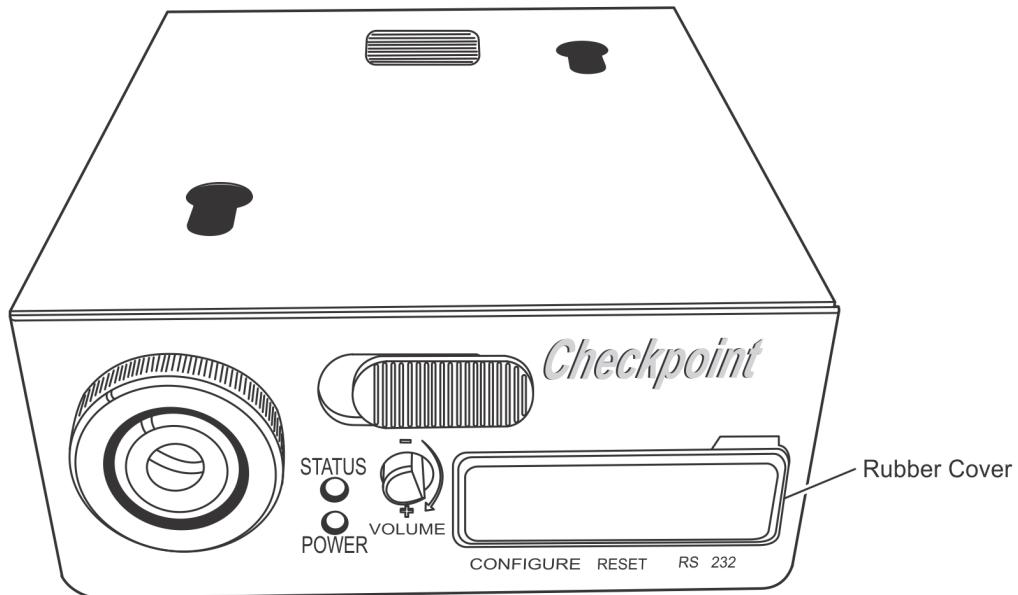
13. Power up the kiosk by connecting the NCR SelfServ™ 90 (7709) Kiosk AC Power Cord into the AC Power Receptacle.
14. Power up the Checkpoint Controller.
  - Connect the Checkpoint AC Power Cord into the AC Power Receptacle.
  - Press the **Reset** button and wait for the Status Indicator to turn Violet.



ATL-33770

- Press the Reset button again to tune the Checkpoint Antenna.

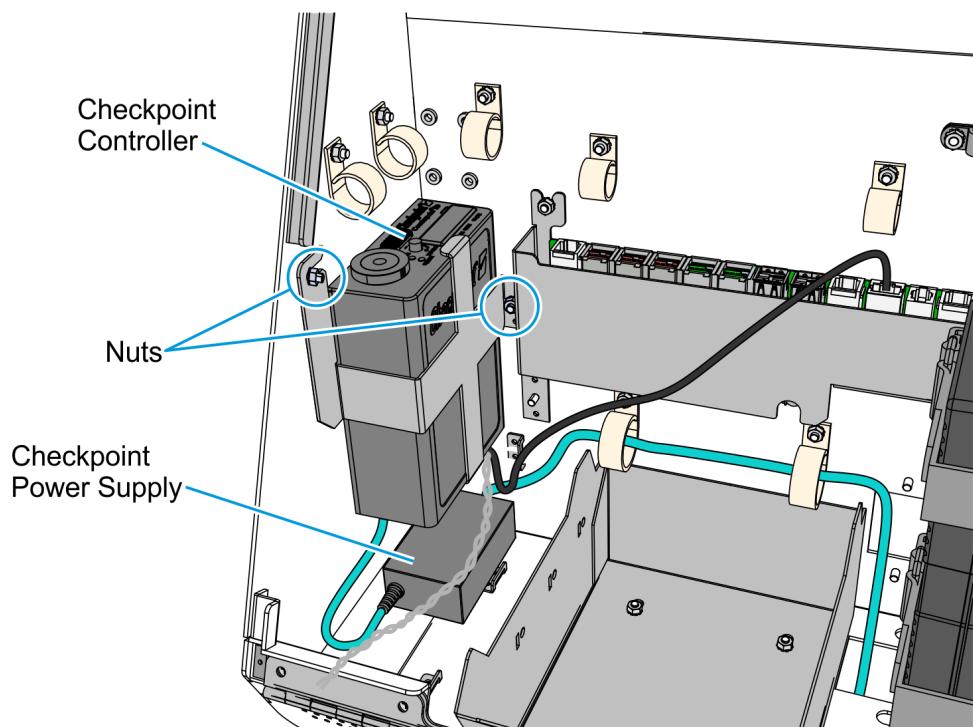
15. Re-install the Rubber Cover, which was removed earlier in the process.



ATL-33724

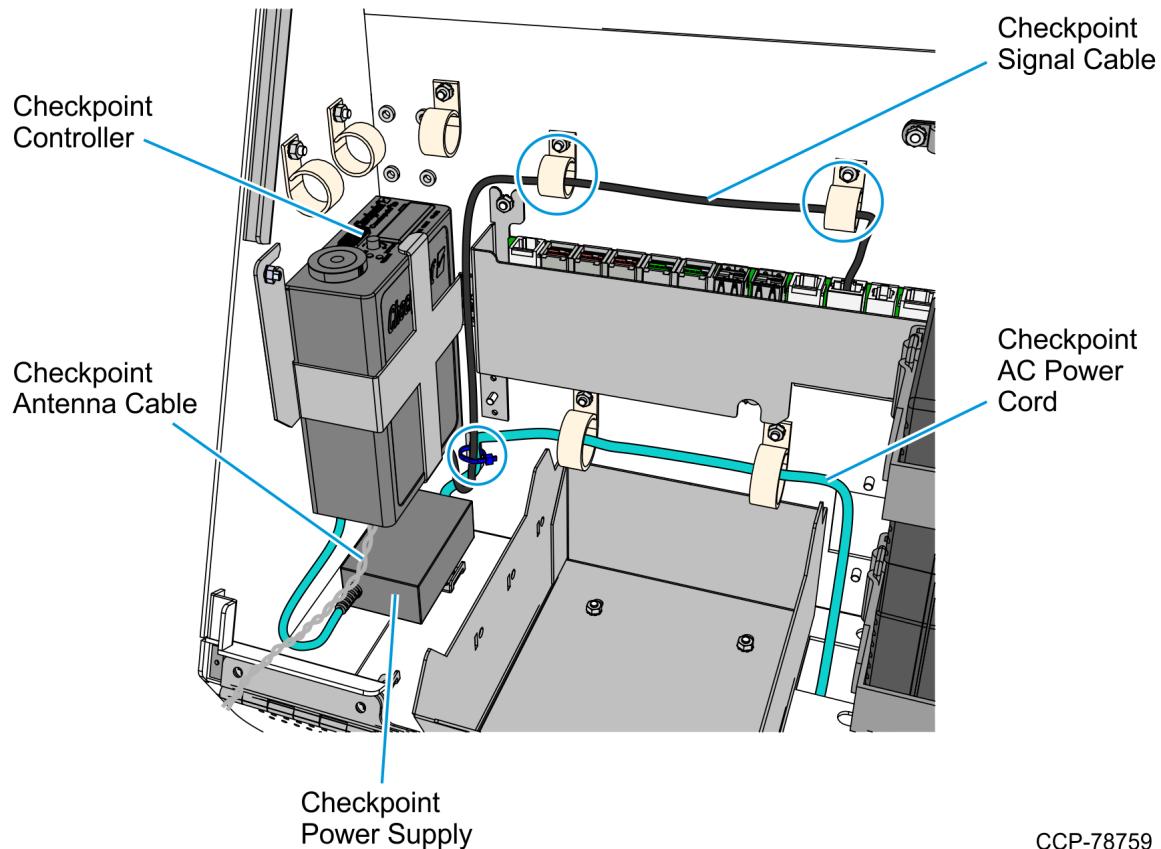
16. Mount the Checkpoint Controller on its Mounting Bracket.

- Place the Checkpoint Controller in the Mounting Bracket.
- 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.

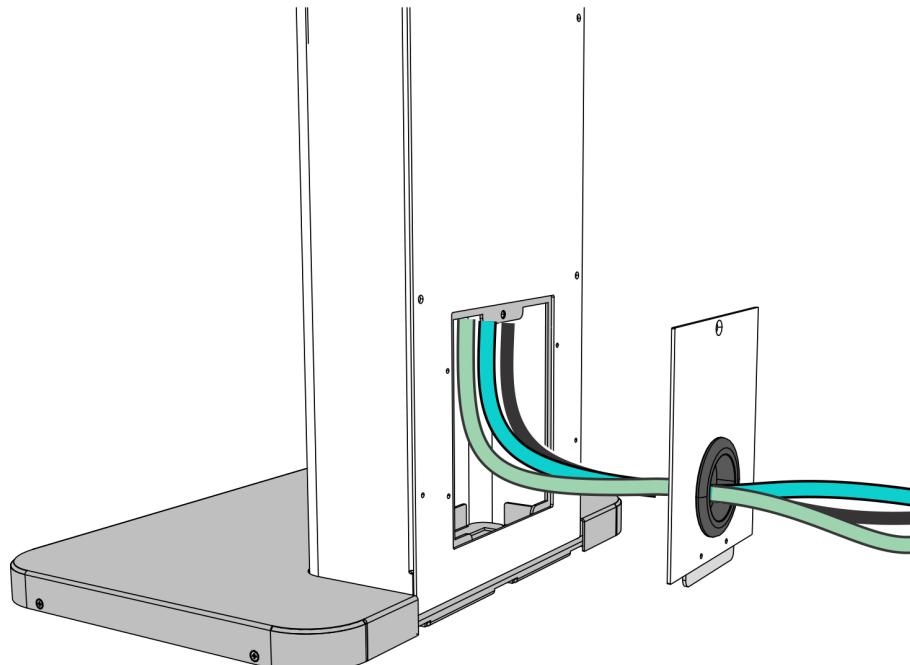
# Routing Cables for Pedestal Mount

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**

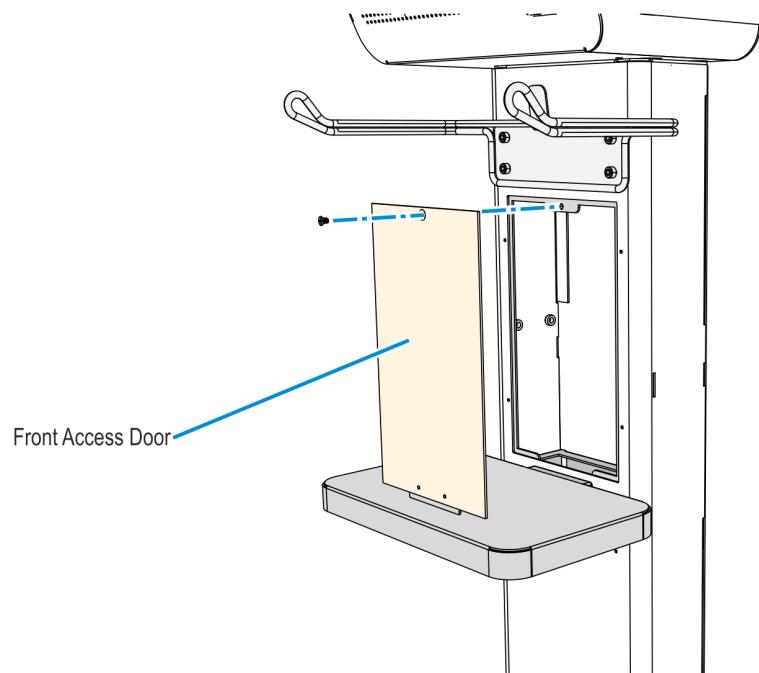
Do not plug the power cables to the power source yet.

2. Install the Rear Access Door to the pedestal and secure it with a screw.



CCP-79165

3. Install the Front Access Door to the pedestal and secure it with a screw.



CCP-74617

# NCR Voyix 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 Voyix 7709 unit and disconnect all cables from the Motherboard. For more information, refer to "[Opening the Kiosk](#)" on page 71.
2. Do the following:
  - a. Remove the Receipt Printer. For more information, refer to "[Removing the Receipt Printer](#)" on page 72.
  - b. If present, remove the Sensormatic Backpack. For more information, refer to "[Removing the Sensormatic Backpack](#)" on page 75.
  - c. Remove the Imaging Scanner. For more information, refer to either of the following:
    - "[Removing the Honeywell 7580G Imaging Scanner](#)" on page 85
    - "[Removing the Datalogic 1500i Imaging Scanner](#)" on page 87
  - d. If present, remove the Sensormatic Antenna. For more information, refer to "[Removing the Sensormatic Antenna](#)" on page 88.
  - e. Remove the PIN Pad. For more information, refer to either of the following:
    - "[Removing the Ingenico IPP320/350 PIN Pad](#)" on page 90
    - "[Removing the Verifone VX805/820 PIN Pad](#)" on page 92
  - f. Remove the Supervisor Switch. For more information, refer to "[Removing the Supervisor Switch](#)" on page 94.
  - g. Remove the Coupon Sensors. For more information, refer to "[Removing the Coupon Sensors](#)" on page 95.
  - h. Remove the Display Head. For more information, refer to "[Removing the Display Head](#)" on page 96.
  - i. Remove the Printer Z-shaped and Sensormatic brackets. For more information, refer to "[Removing the Printer Z-shaped Bracket and Sensormatic Brackets](#)" on page 98.
3. Do the following:
  - a. Install the Checkpoint Antenna Cable. For more information, refer to "[Installing the Checkpoint Antenna Cable](#)" on page 37.
  - b. Install the Printer Z-shaped Bracket. For more information, refer to "[Removing the Printer Z-shaped Bracket and Sensormatic Brackets](#)" on page 98.

- c. Install the Display Head. For more information, refer to "[Installing the Display Head](#)" on page 99.
- d. Install the Coupon Sensors. For more information, refer to "[Installing the Coupon Sensors](#)" on page 101.
- e. Install the Supervisor Switch. For more information, refer to "[Installing the Supervisor Switch](#)" on page 102.
- f. Install the PIN Pad. For more information, refer to either of the following:
  - "[Installing the Ingenico IPP320/350 PIN Pad](#)" on page 104
  - "[Installing the Verifone VX805/820 PIN Pad](#)" on page 105
- g. Install the Imager Shield Assembly. For more information, refer to "[Installing the Imager Shield](#)" on page 108.
- h. Install the Imaging Scanner. For more information, refer to either of the following:
  - "[Removing the Honeywell 7580G Imaging Scanner](#)" on page 85
  - "[Removing the Datalogic 1500i Imaging Scanner](#)" on page 87
- i. Install Receipt Printer. For more information, refer to "[Installing the Receipt Printer](#)" on page 115
- j. Reconnect all cables to the Motherboard. For more information, refer to the following:
  - "[I/O Motherboard Cable Connections](#)" on page 118
  - "[I/O Adapter Connecting Cables](#)" on page 119
- k. Install the Checkpoint Controller and the Checkpoint Power Supply. For more information, refer to "[Installing the Checkpoint Controller and Power Supply](#)" on page 120.

4. For Pedestal Mount, route the cables out of the pedestal. For more information, refer to "[Routing Cables for Pedestal Mount](#)" on page 130.

# Opening the Kiosk

To access the kiosk components, insert the key into the lock, turn the key clockwise, and carefully open the front of the kiosk.

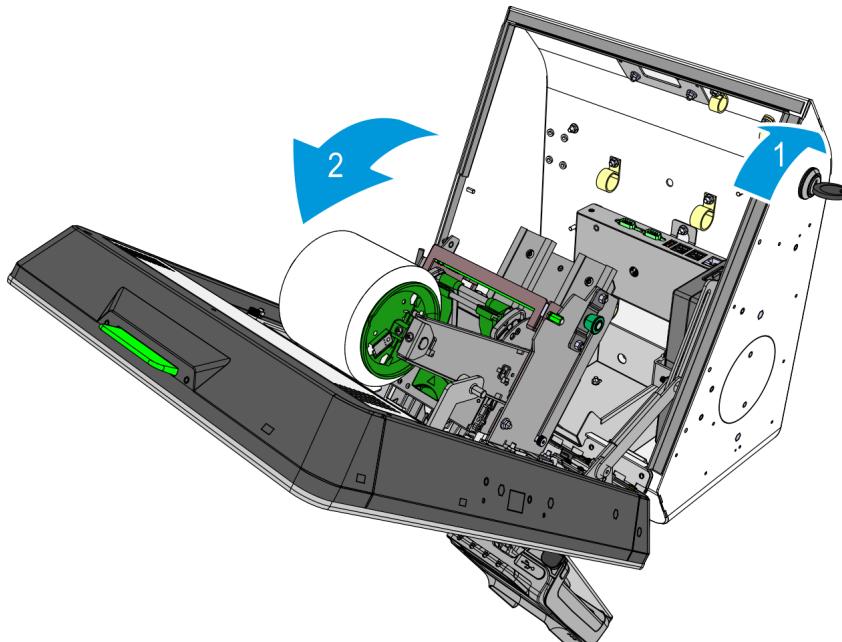
- For 7709 R1.0 and R1.1 units, the lock is located at the back of the kiosk.
- For 7709 R1.2 and R2.0 units, the lock is located at the right-hand side of the kiosk.

**⚠ Caution**

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

**💡 Note**

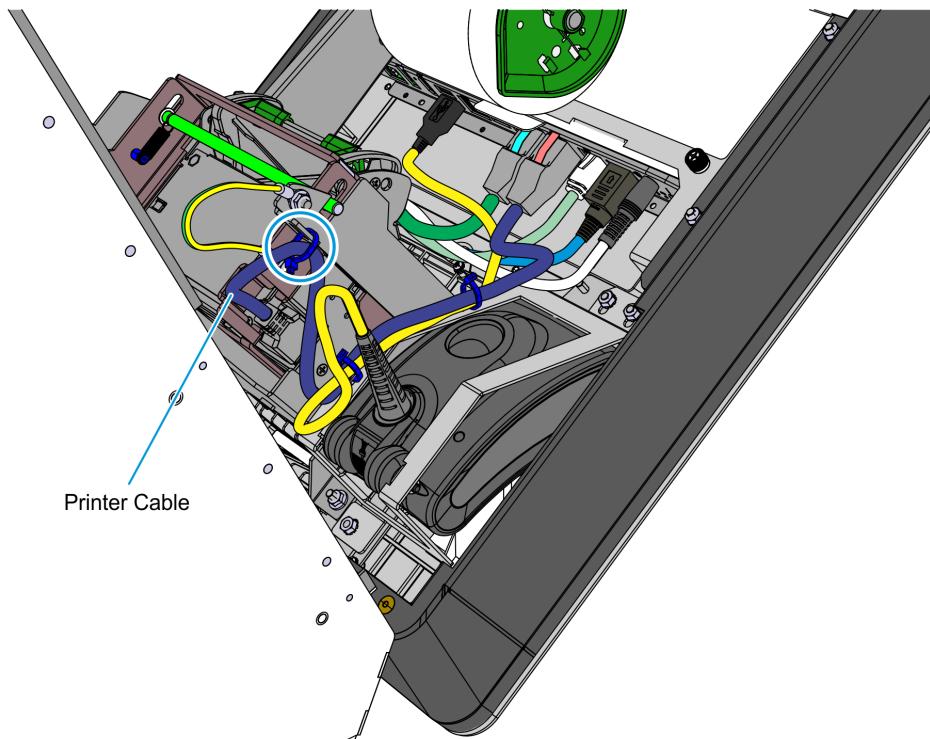
The image below shows a 7709 R2.0 unit only for reference.



CCP-77624

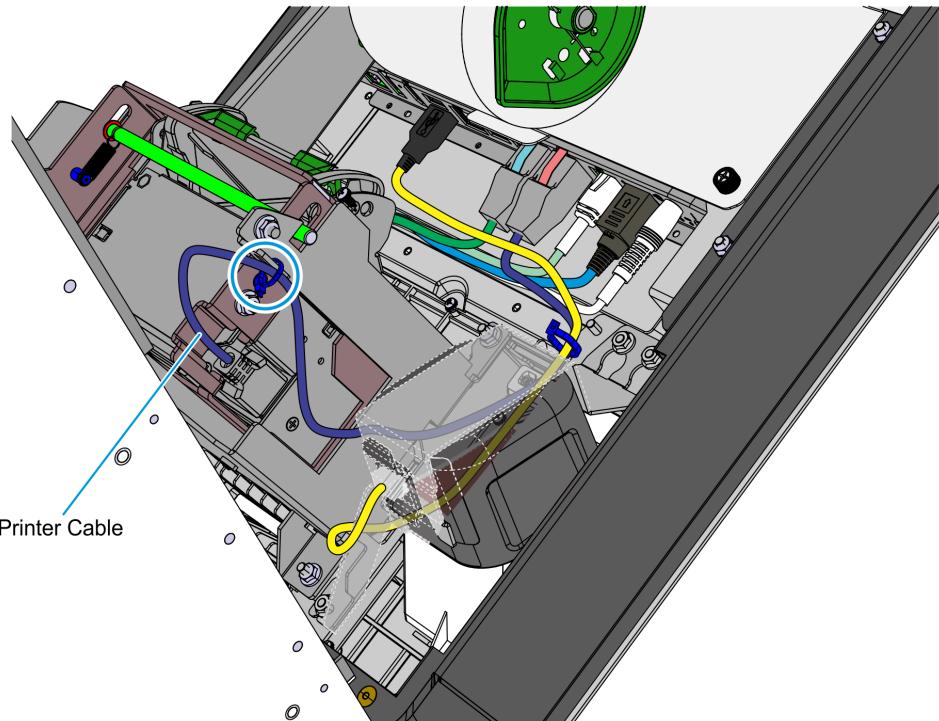
# Removing the Receipt Printer

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



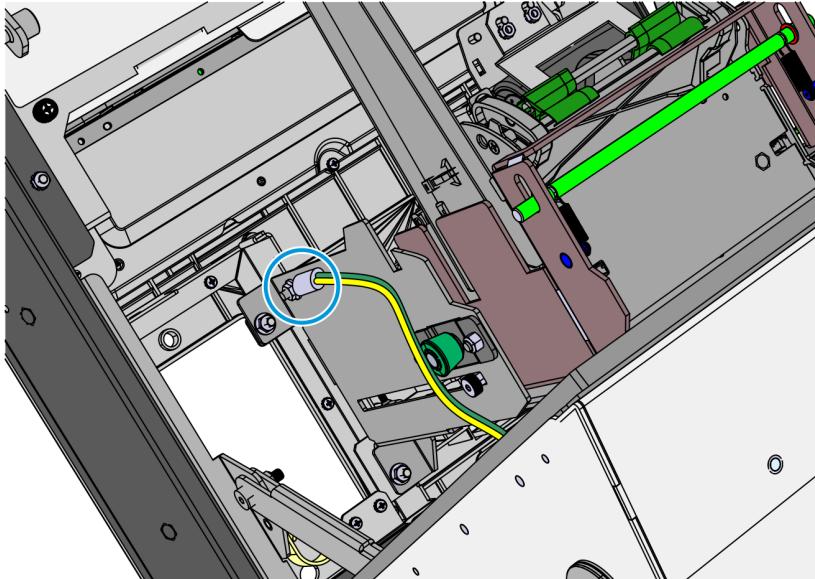
CCP-79464

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



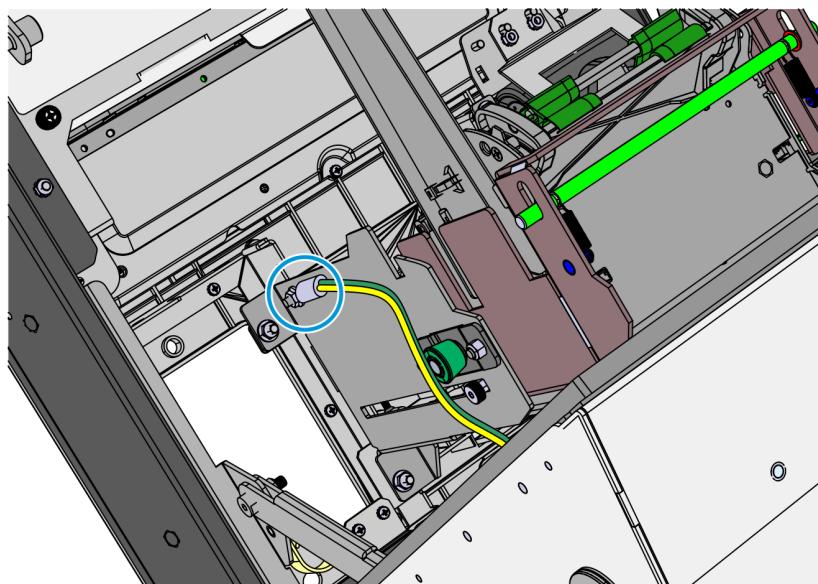
**Note**

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-77998

# Removing the Sensormatic Backpack

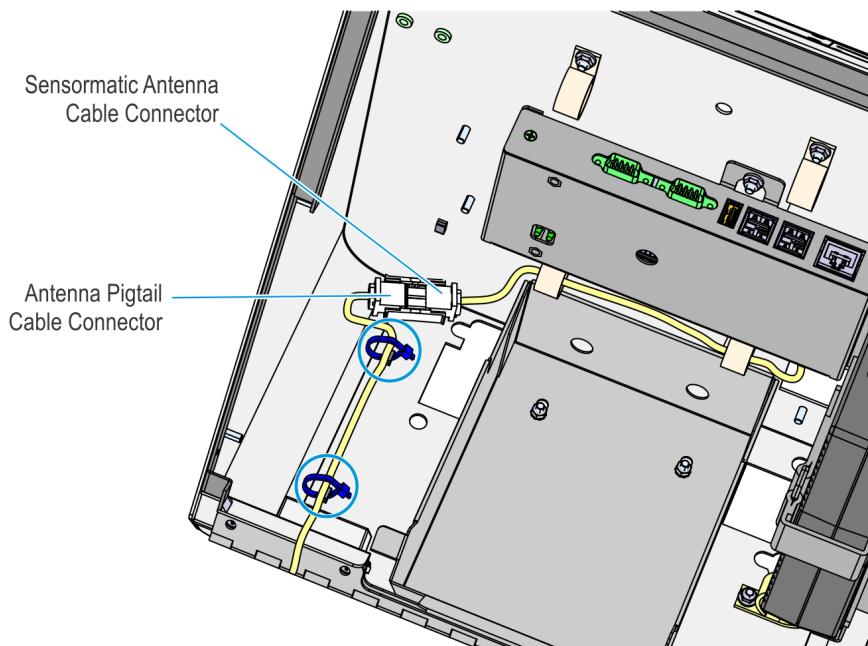
## **⚠ Caution**

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.

## **ℹ 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.

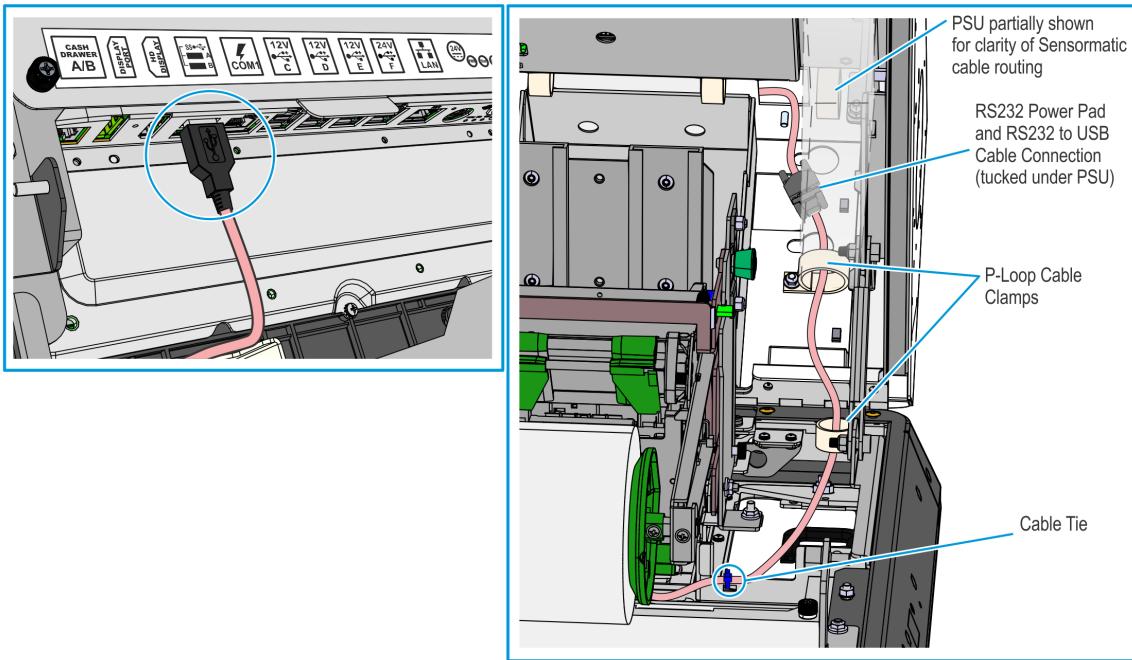
1. Disconnect and remove the Sensormatic Antenna Pigtail Cable.
  - a. Disconnect the Sensormatic Antenna Pigtail Cable from the Antenna Cable. Remove the cables ties.



CCP-77976

1.
  - b. Route the Antenna Cable out of the kiosk.

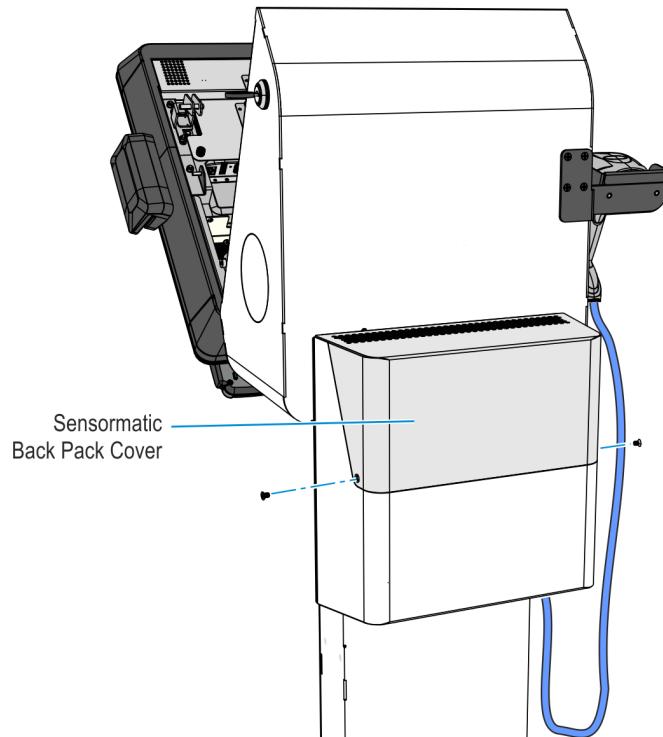
2. Disconnect and remove the USB-to-Serial Cable.
  - a. Disconnect the USB connector of the USB-to-Serial Cable from the USB A port of the motherboard. Remove the cable ties.



CCP-78724

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

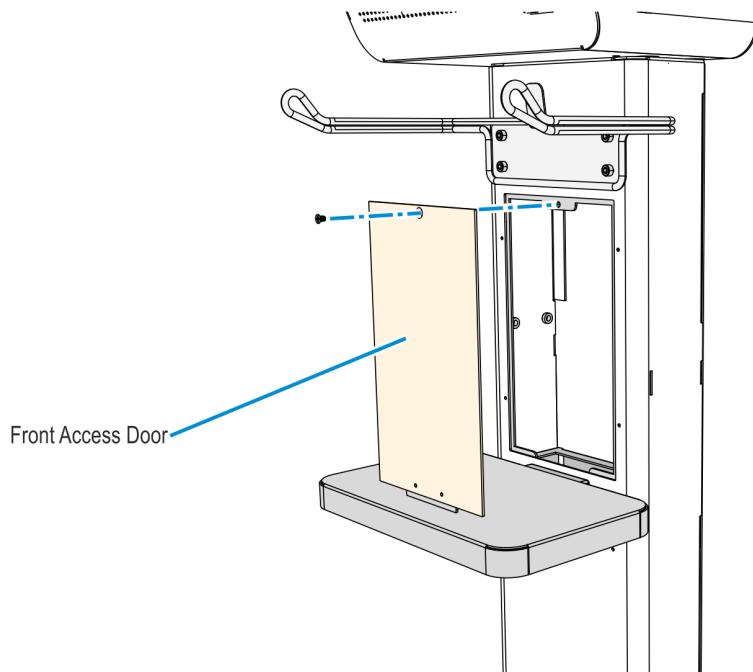
3. Remove the Sensormatic Controller from the Sensormatic Backpack.
  - a. Remove the screws (one on each side) that secure the Sensormatic Cover to the case.



CCP-73732

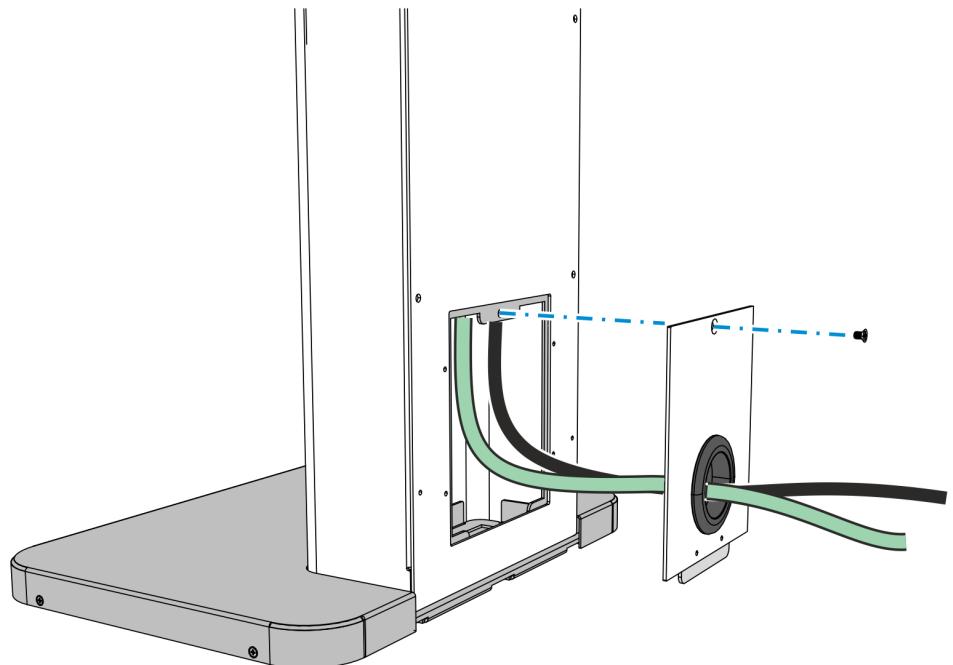
- b. Remove the Sensormatic Controller and its cables from the case.

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

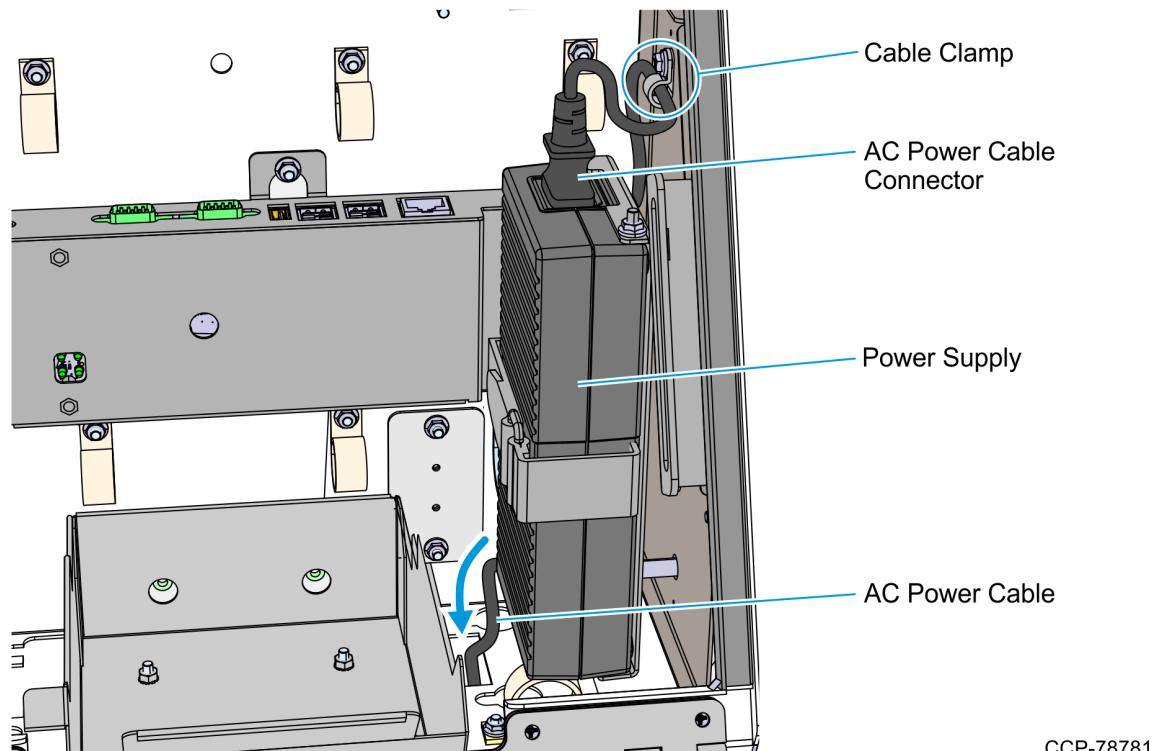
5. Pull the LAN Cable back into the kiosk head.
  - a. Remove the Rear Access Door of the pedestal by removing the screw that secures it to the pedestal.



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.

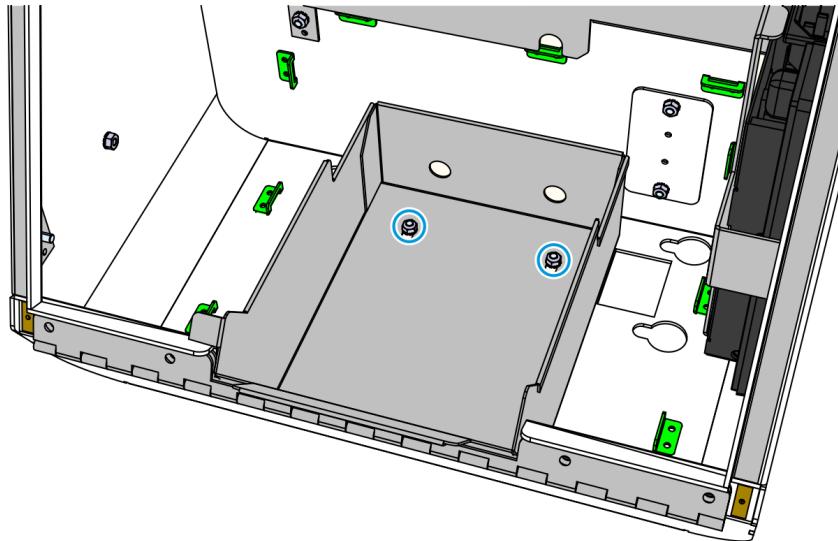
6. Pull the AC Power Cable out of the kiosk head.



CCP-78781

- a. Remove the nut that 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.



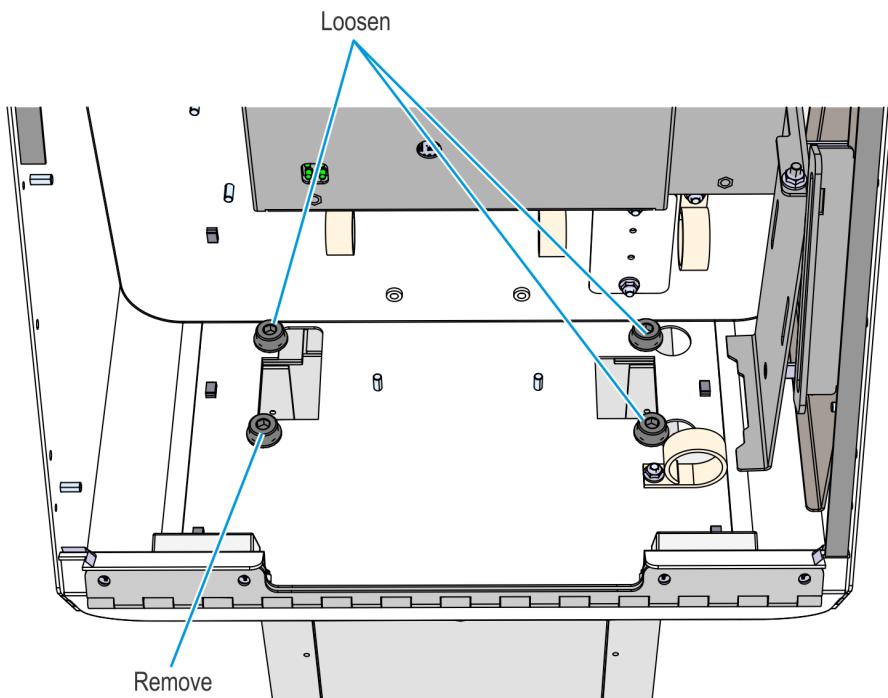
CCP-78478

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



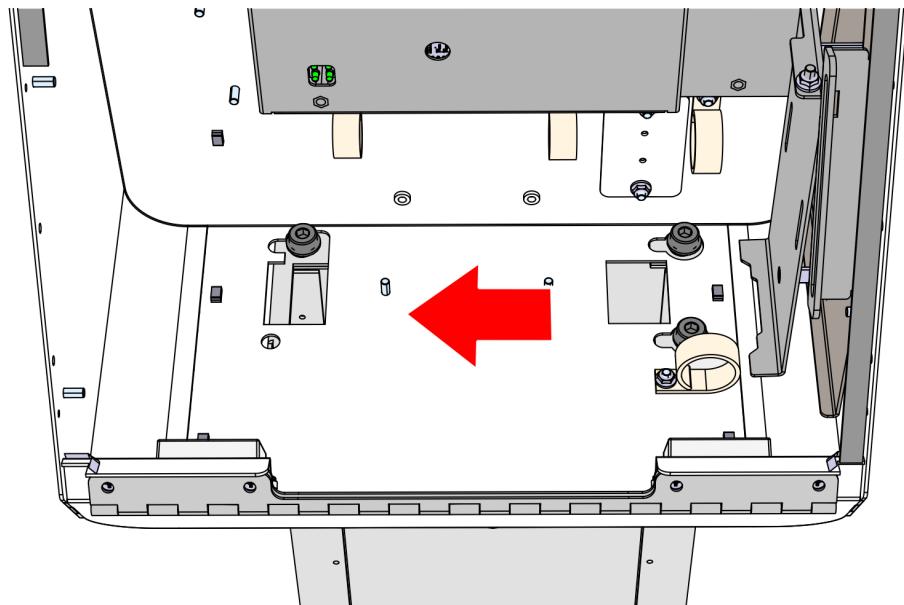
**Caution**

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.

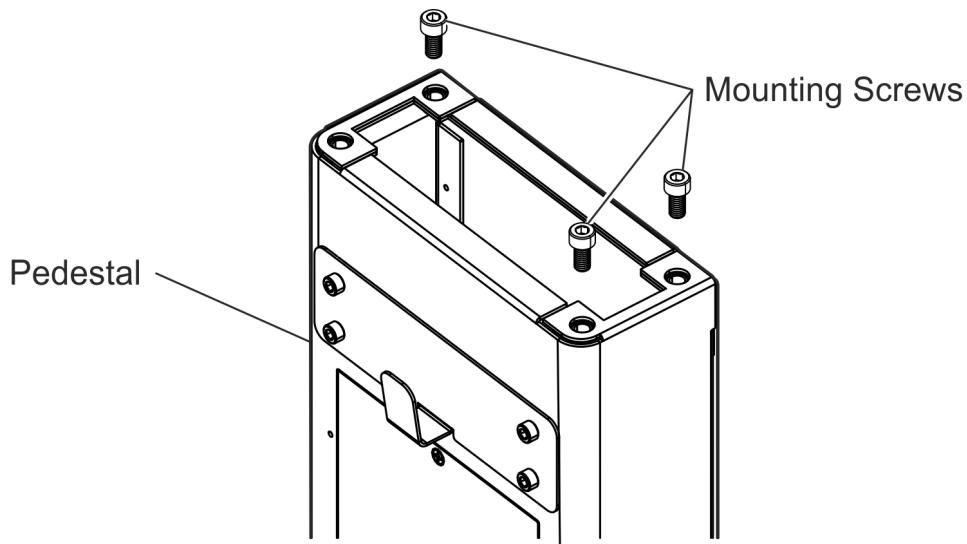


CCP-78752

c. Remove the three remaining mounting screws that secure the Sensormatic Backpack to the pedestal, and then lift the Sensormatic Backpack off the pedestal.

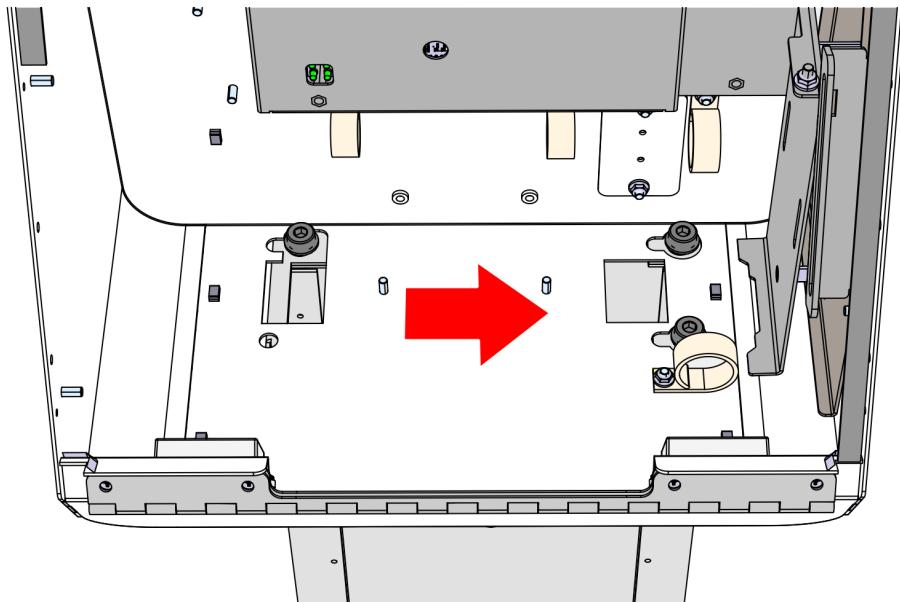
9. Re-install the kiosk head onto the pedestal.

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.

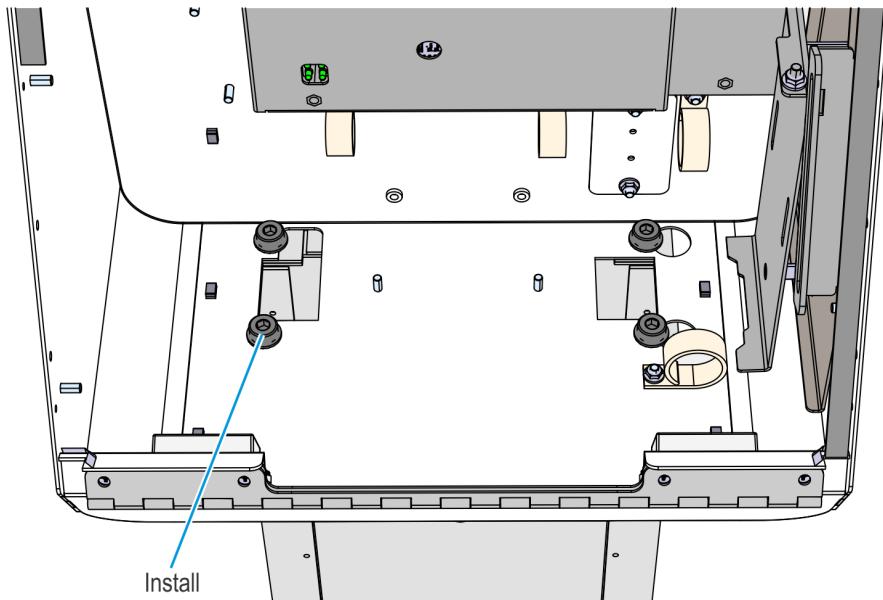


CCP-78751

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

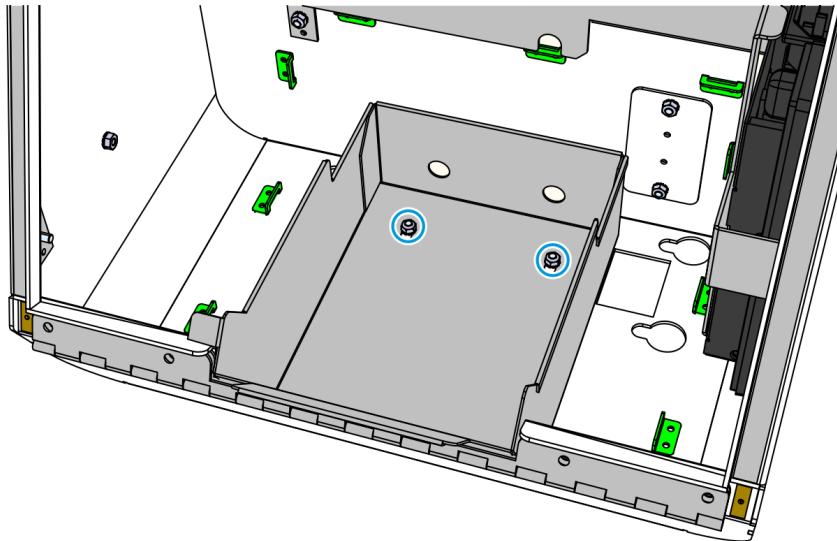
 **Note**

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.



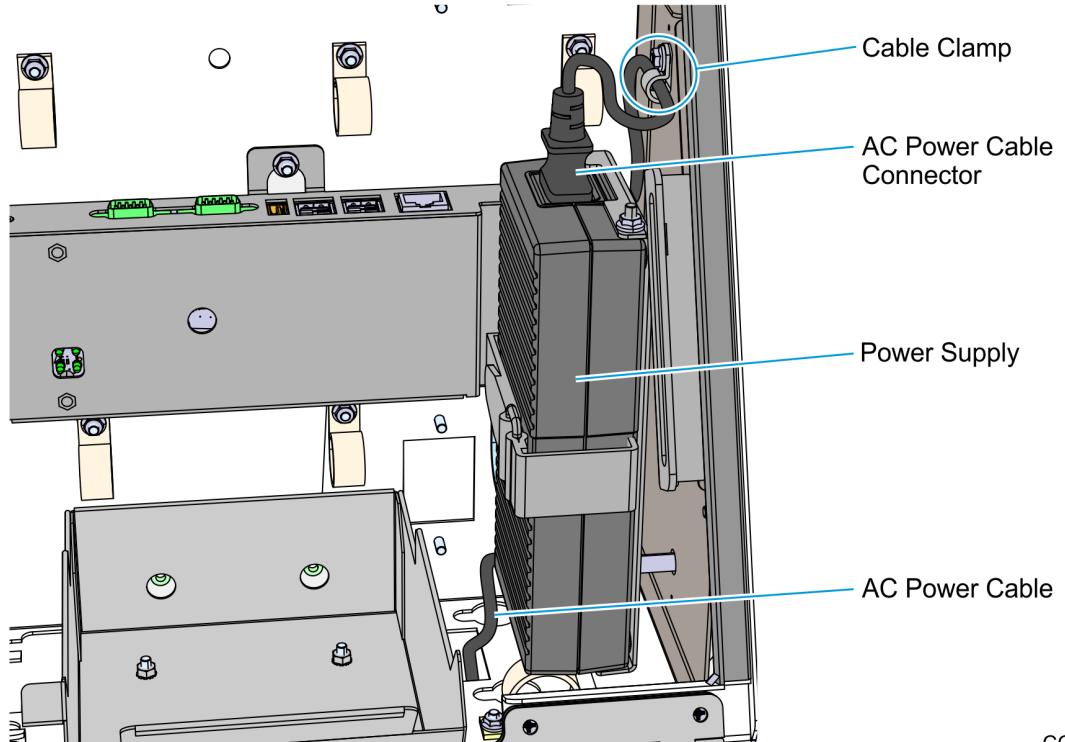
CCP-78753

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



CCP-78478

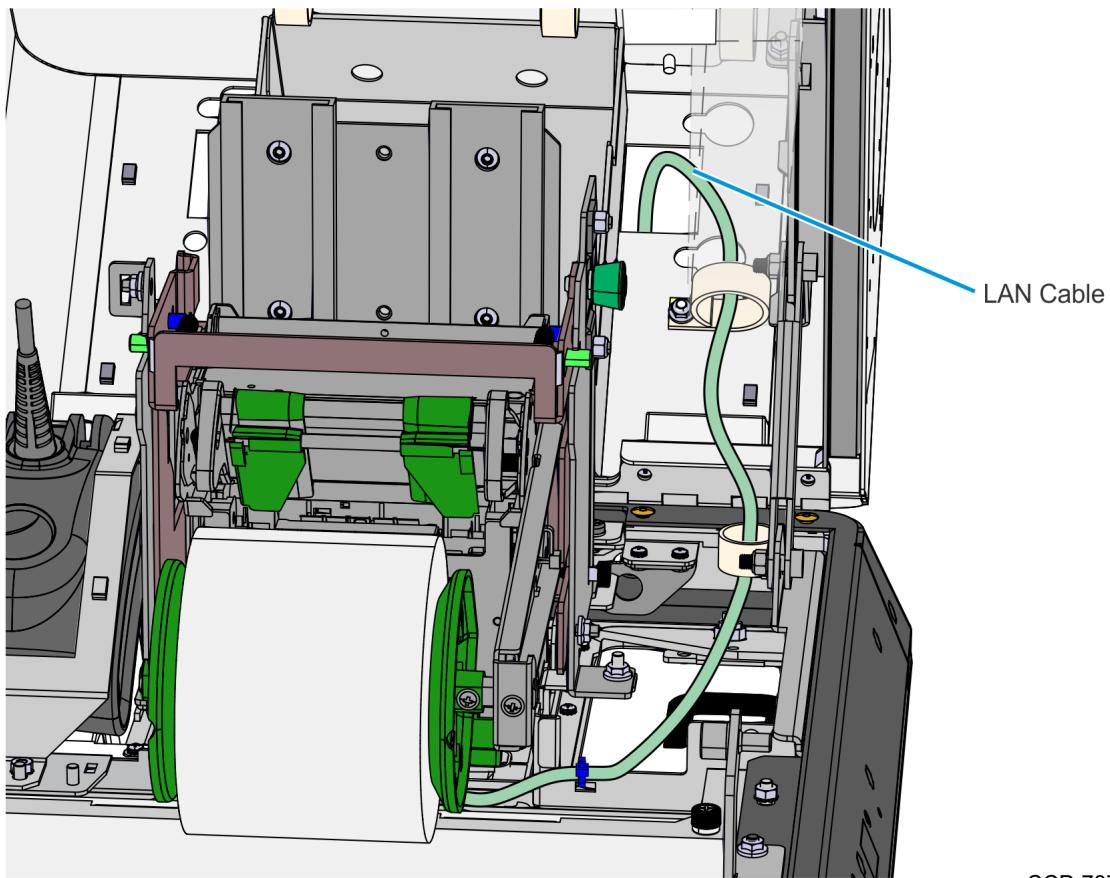
11. Reconnect the AC Power Cable to the Power Supply Unit.



CCP-78787

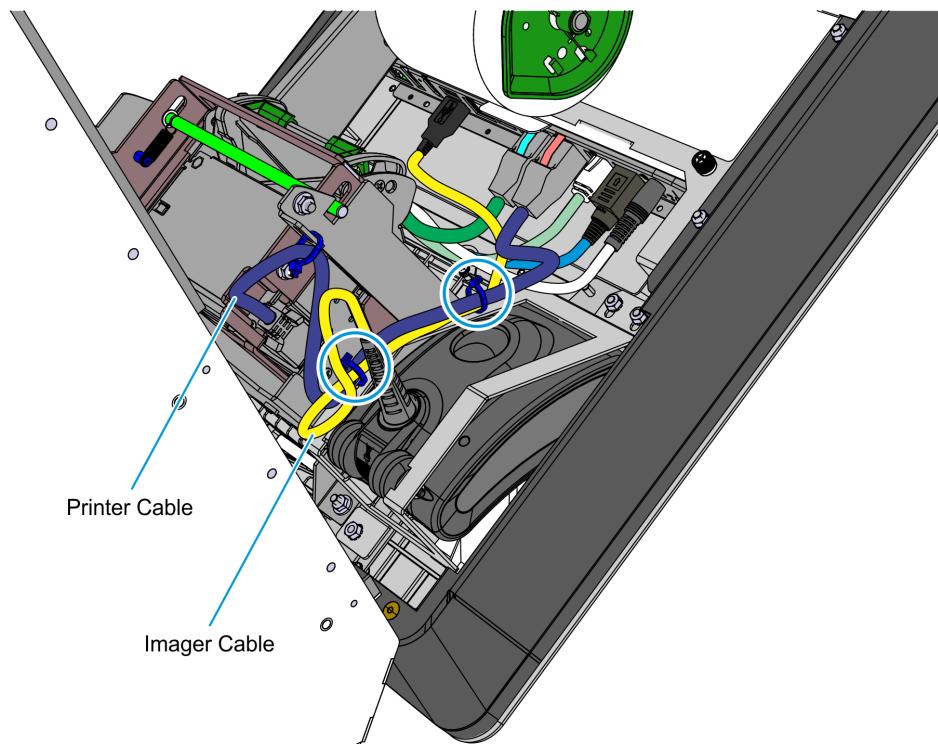
- Route the AC Power Cable back into the kiosk head, through the bottom access hole, and connect it to the Power Supply Unit.
- Insert the AC Power Cable into the cable clamp and then use a nut to secure the cable clamp to the cabinet.

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



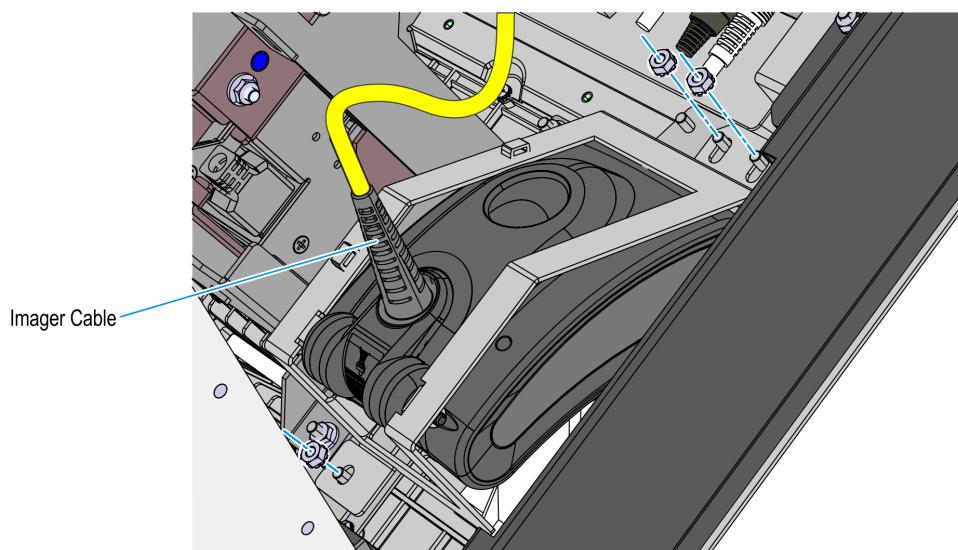
# Removing the Honeywell 7580G Imaging Scanner

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



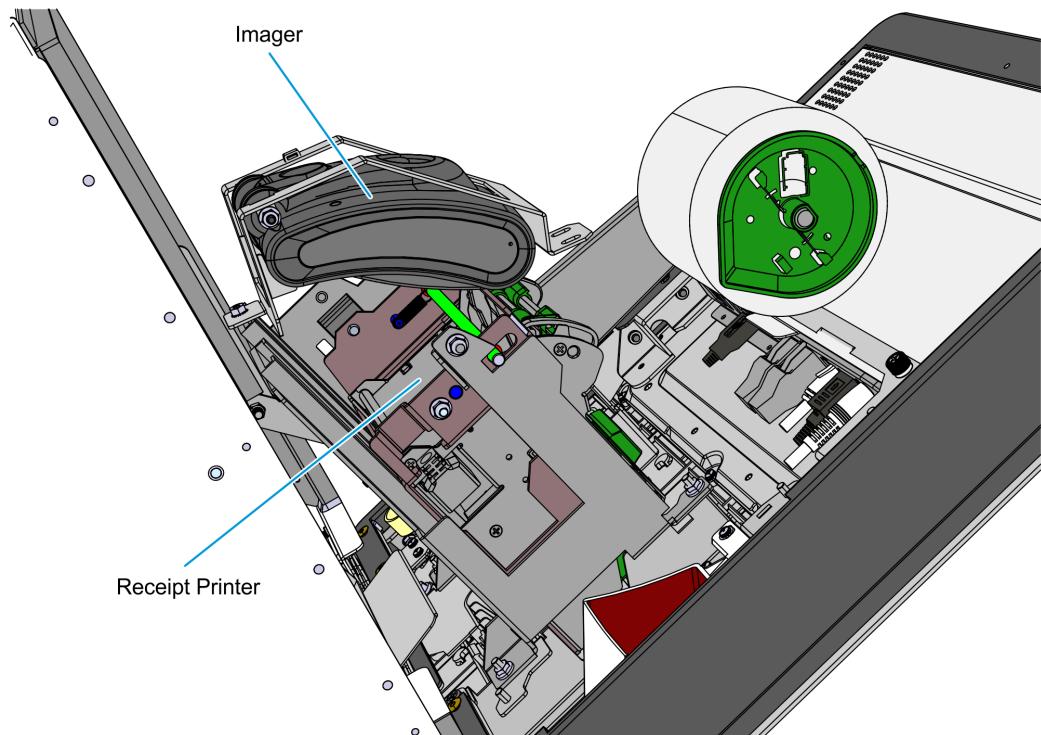
CCP-77965

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



CCP-77975

3. Temporarily place the Imager on the space behind the Receipt Printer.

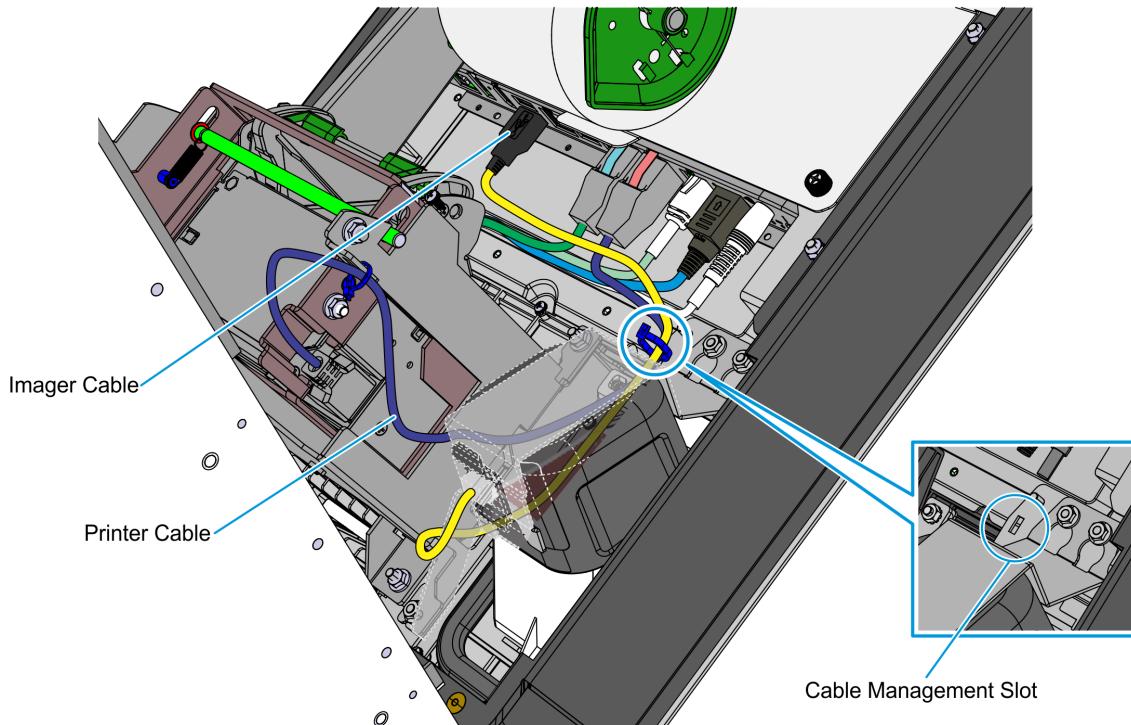


CCP-77967

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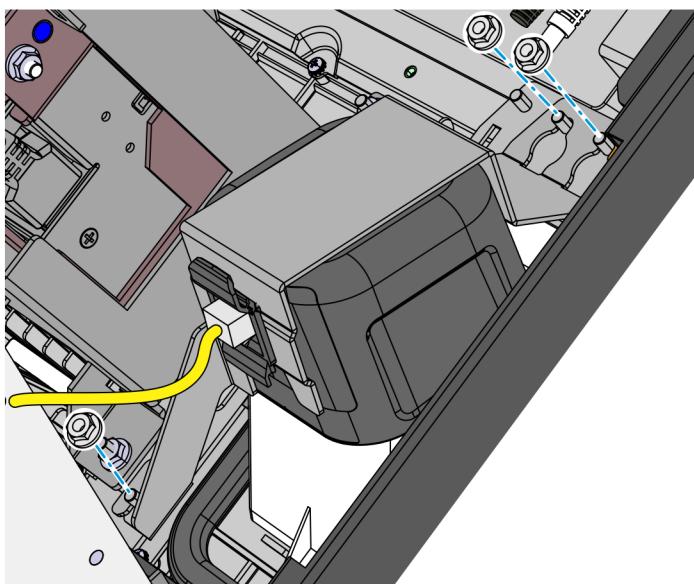
# Removing the Datalogic 1500i Imaging Scanner

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.



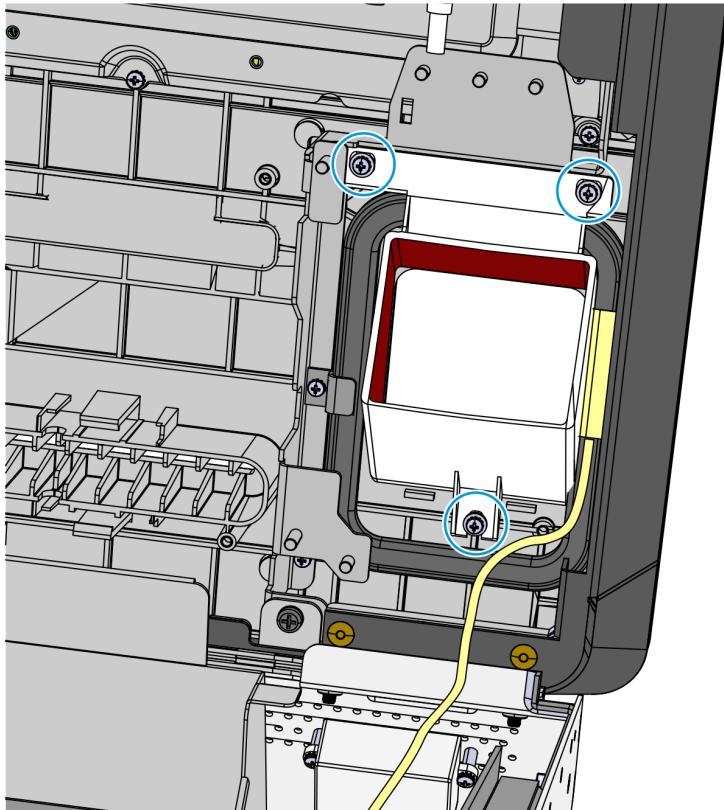
CCP-79470

# Removing the Sensormatic Antenna

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

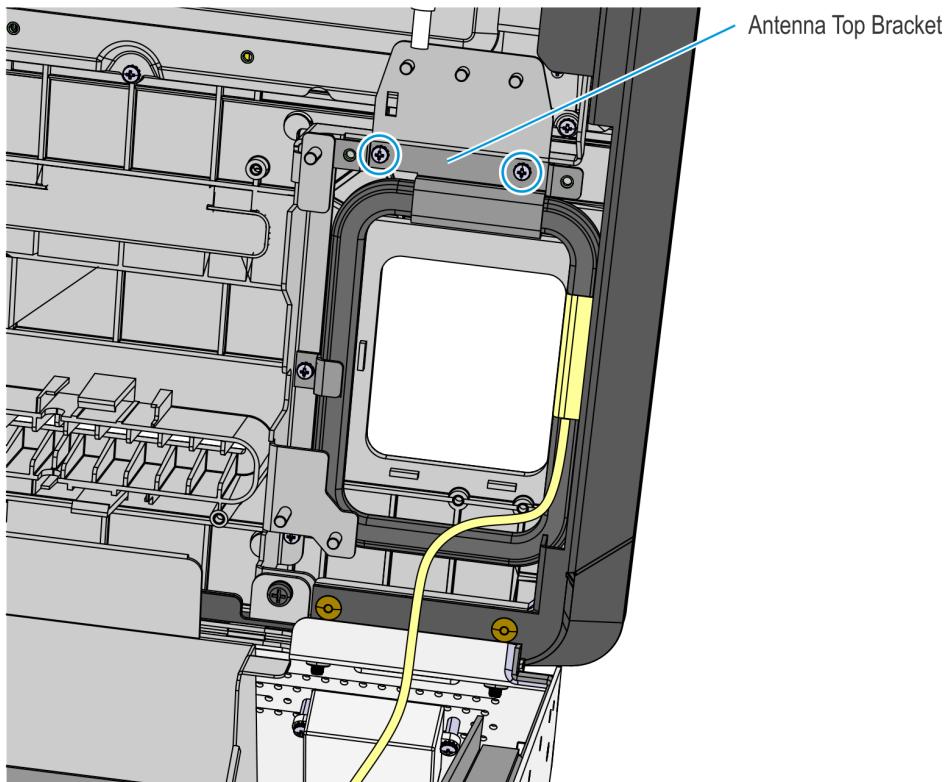
**!** **Important**

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

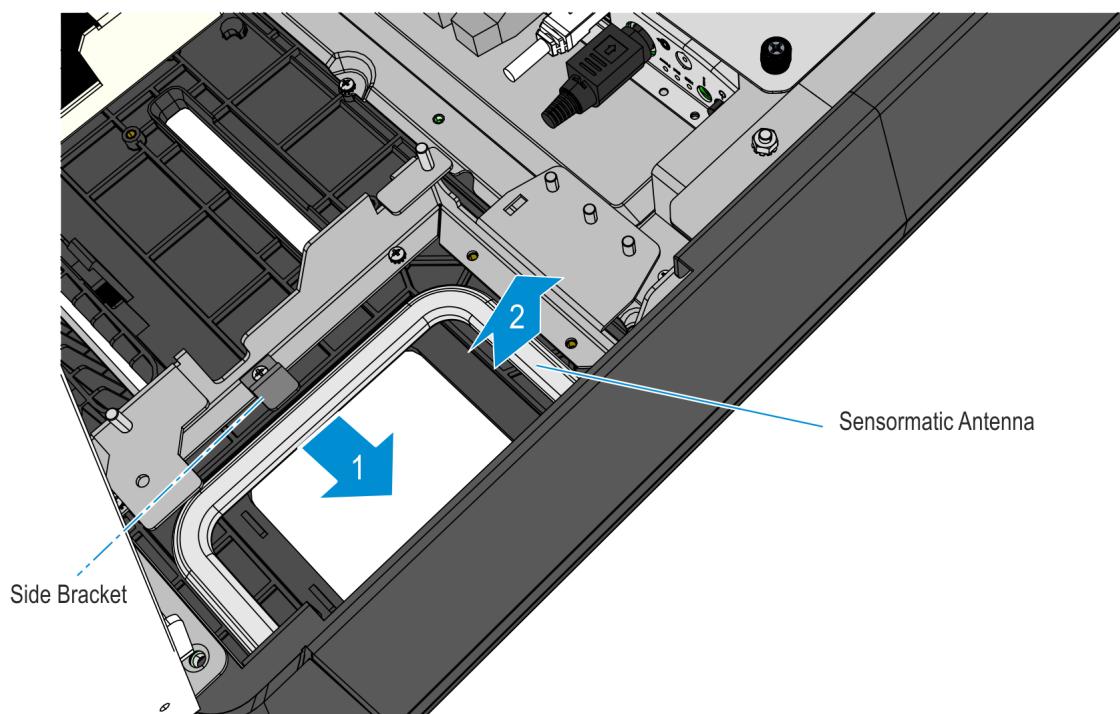


CCP-78725

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

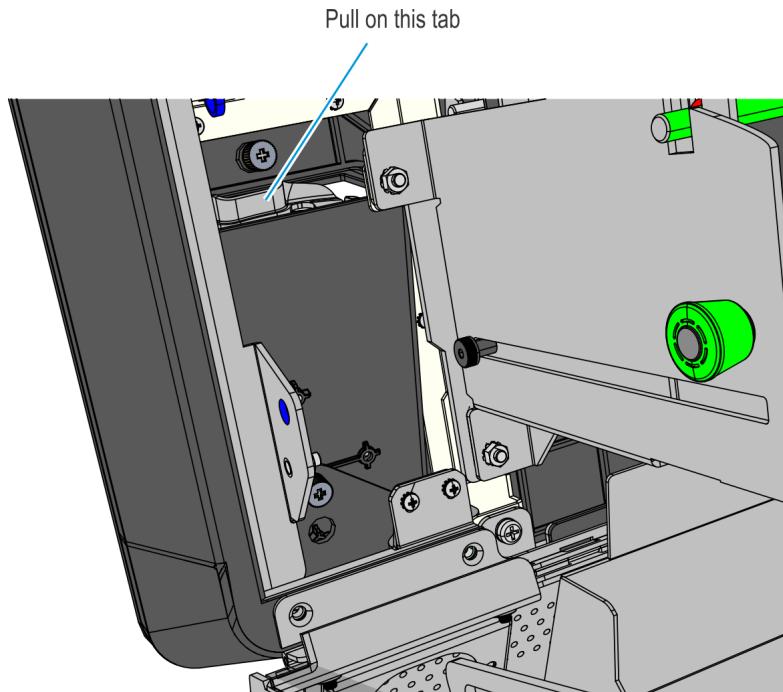


3. Remove the Sensormatic Antenna by sliding it away from the side bracket and then lifting it up from its mounting location.



# Removing the Ingenico IPP320/350 PIN Pad

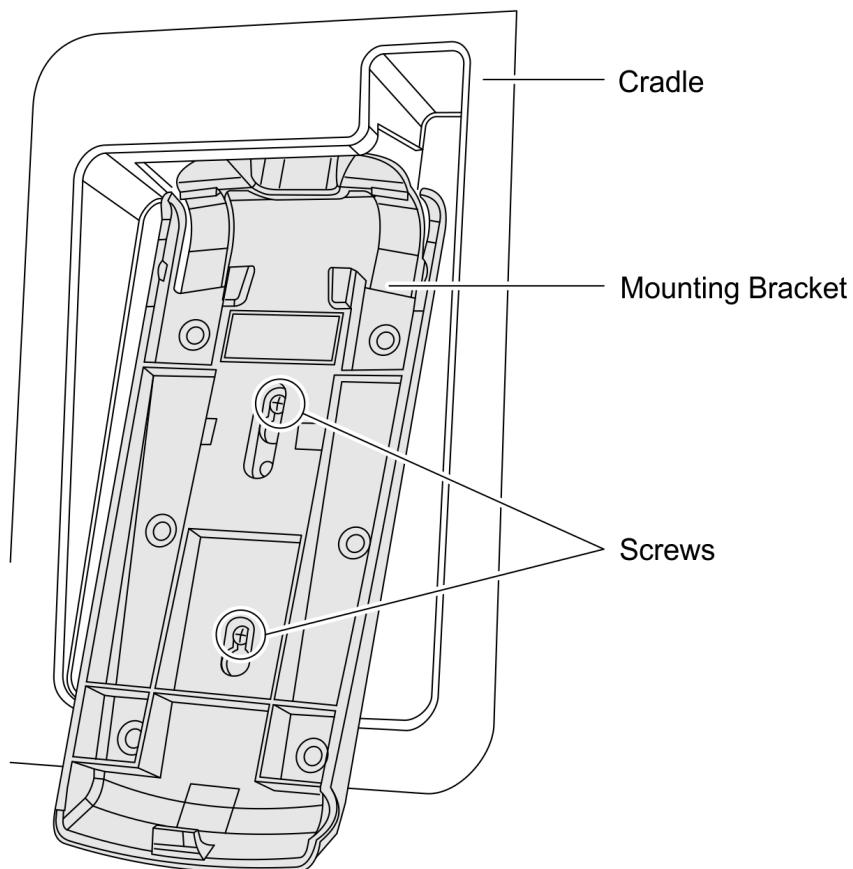
1. While holding the PIN Pad from outside of the kiosk, pull on the tab on the upper portion of the Mounting Bracket (accessed from the inside of the kiosk), and then remove the PIN Pad.



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.

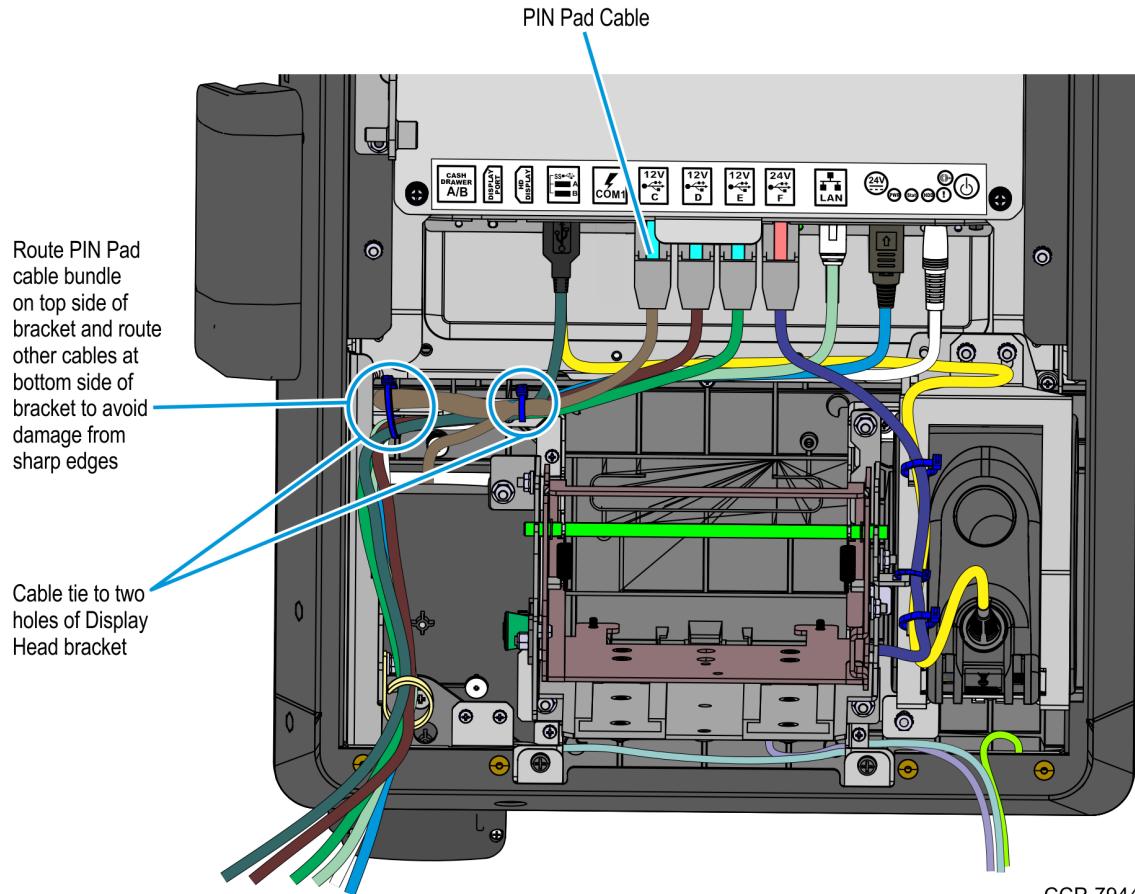


CCP-60090

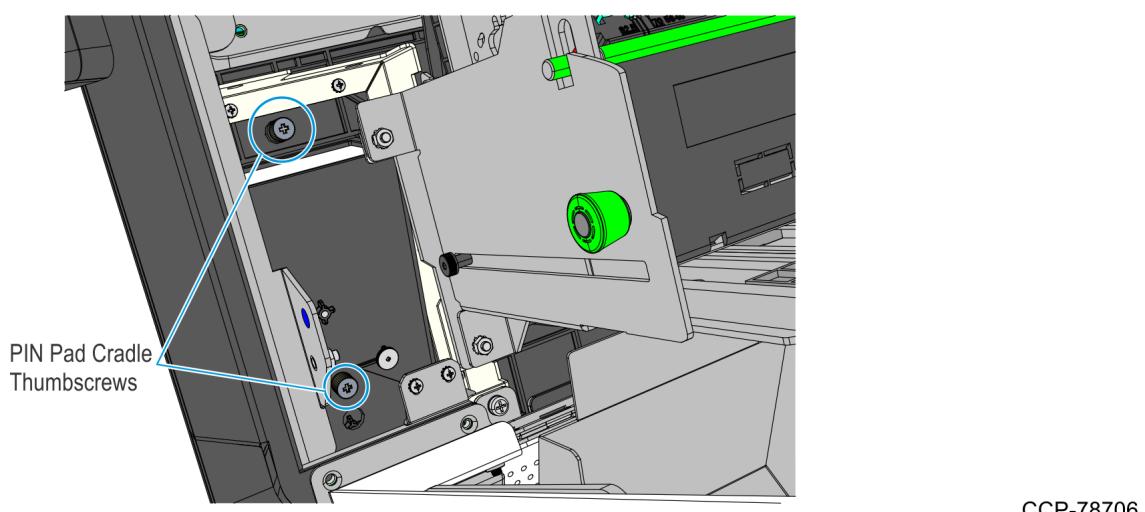
4. Slide up and remove the Mounting Bracket.

# Removing the Verifone VX805/820 PIN Pad

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



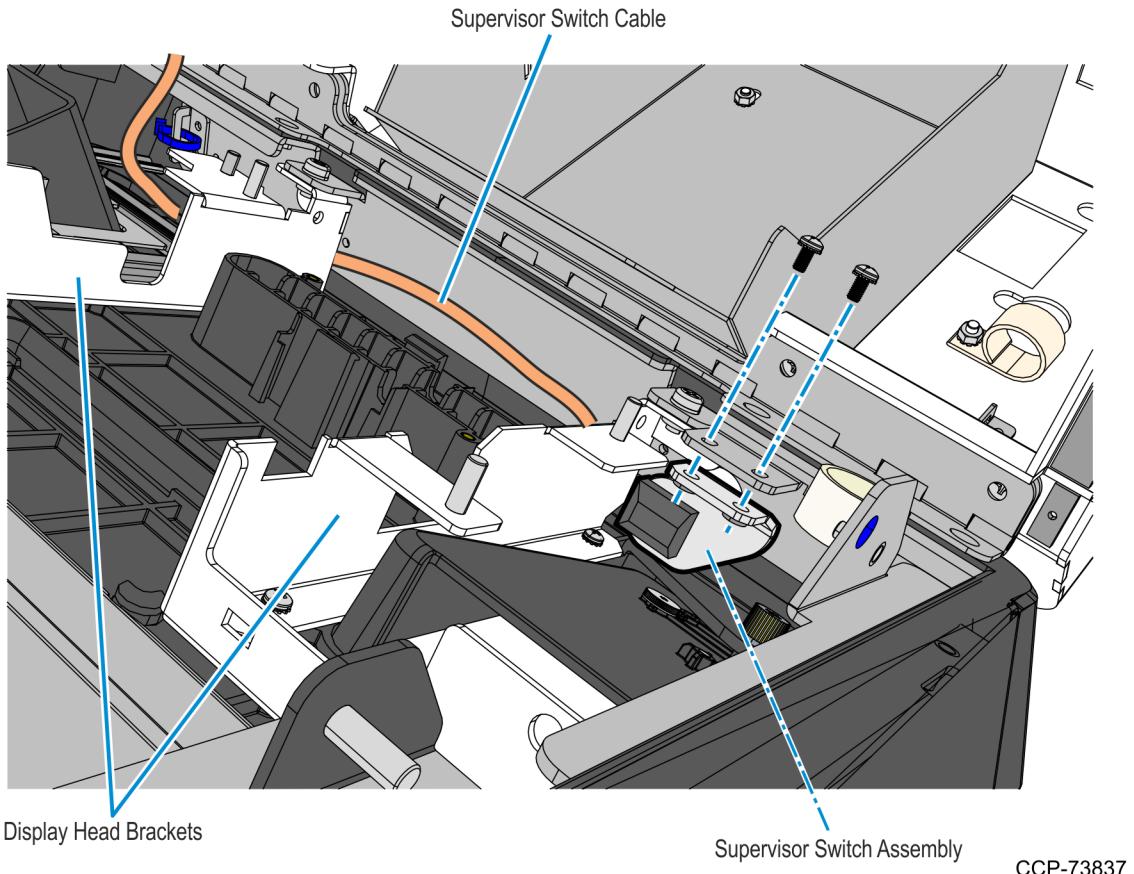
2. While holding the PIN Pad from outside the Kiosk, loosen the two thumb screws securing the PIN Pad Cradle to the Display Head and then remove the PIN Pad and PIN Pad Cradle Assembly.



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

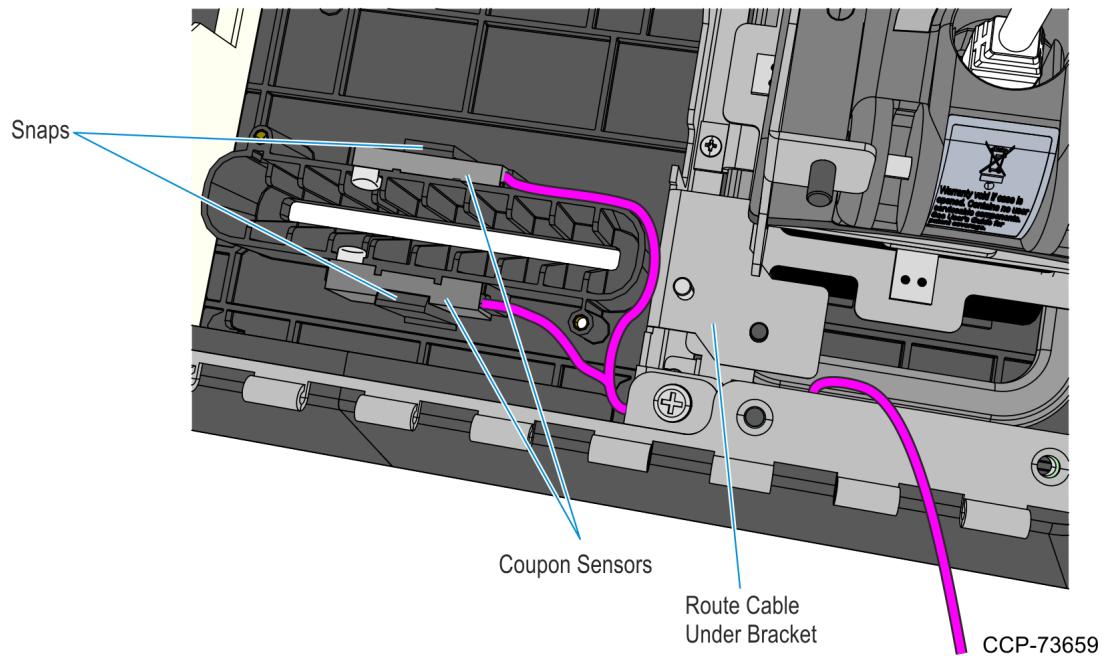
1. Remove the two M4 screws securing the Supervisor Switch assembly to the Display Head and route out the cable from under the two Display Head Brackets shown below.



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.

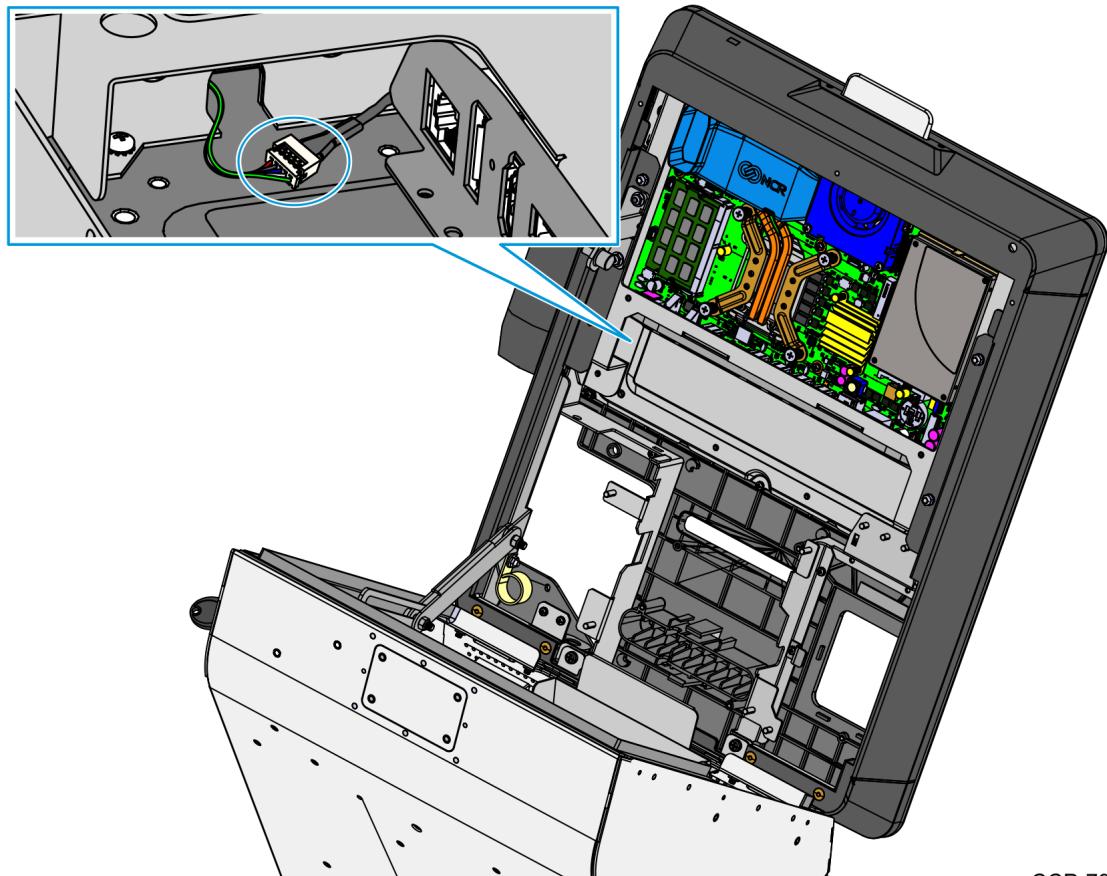
# Removing the Coupon Sensors

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



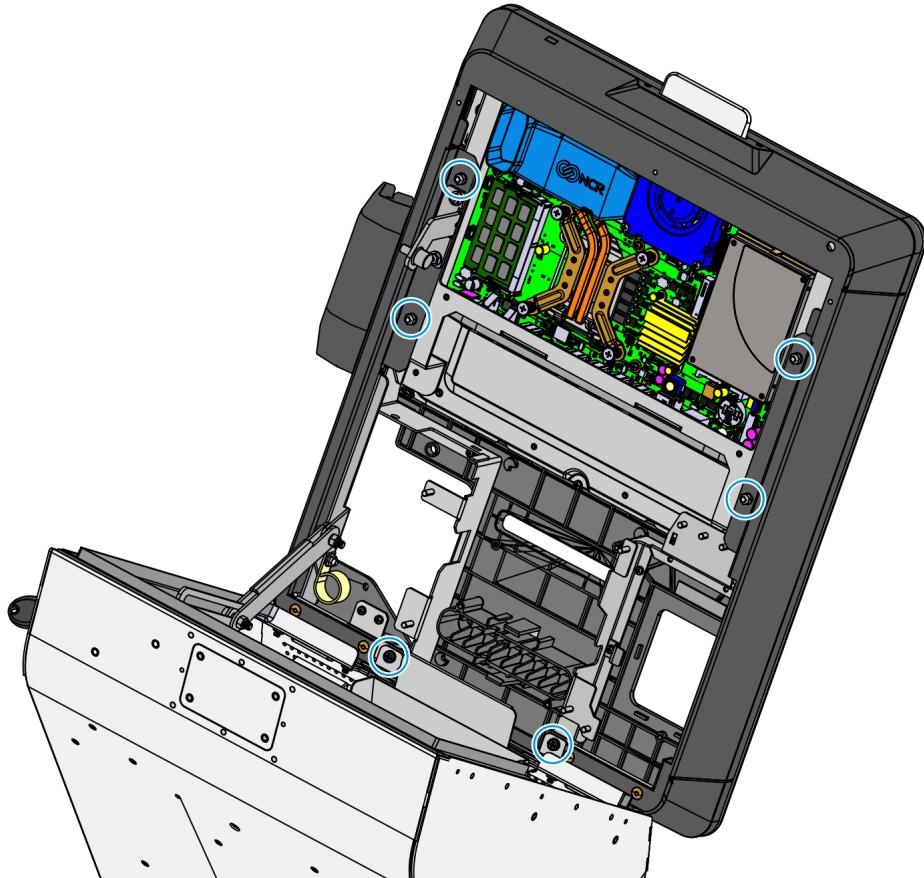
# Removing the Display Head

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



CCP-79807

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.

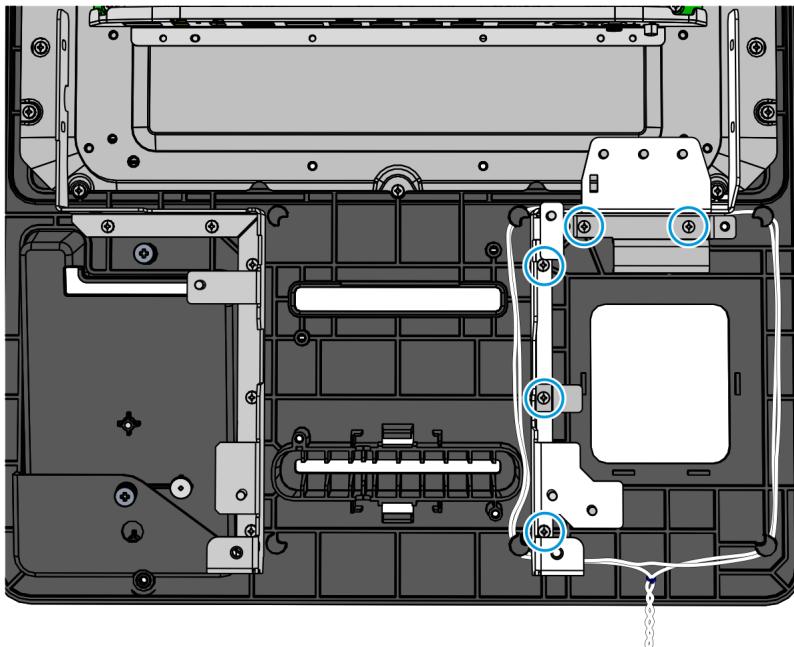


**Caution**

Be careful not to scratch nor damage the display.

# Removing the Printer Z-shaped Bracket and Sensormatic Brackets

Re-install the Printer Z-shaped Bracket and the Sensormatic Brackets (if present), and then secure with five screws. CCP-78731



CCP-78731

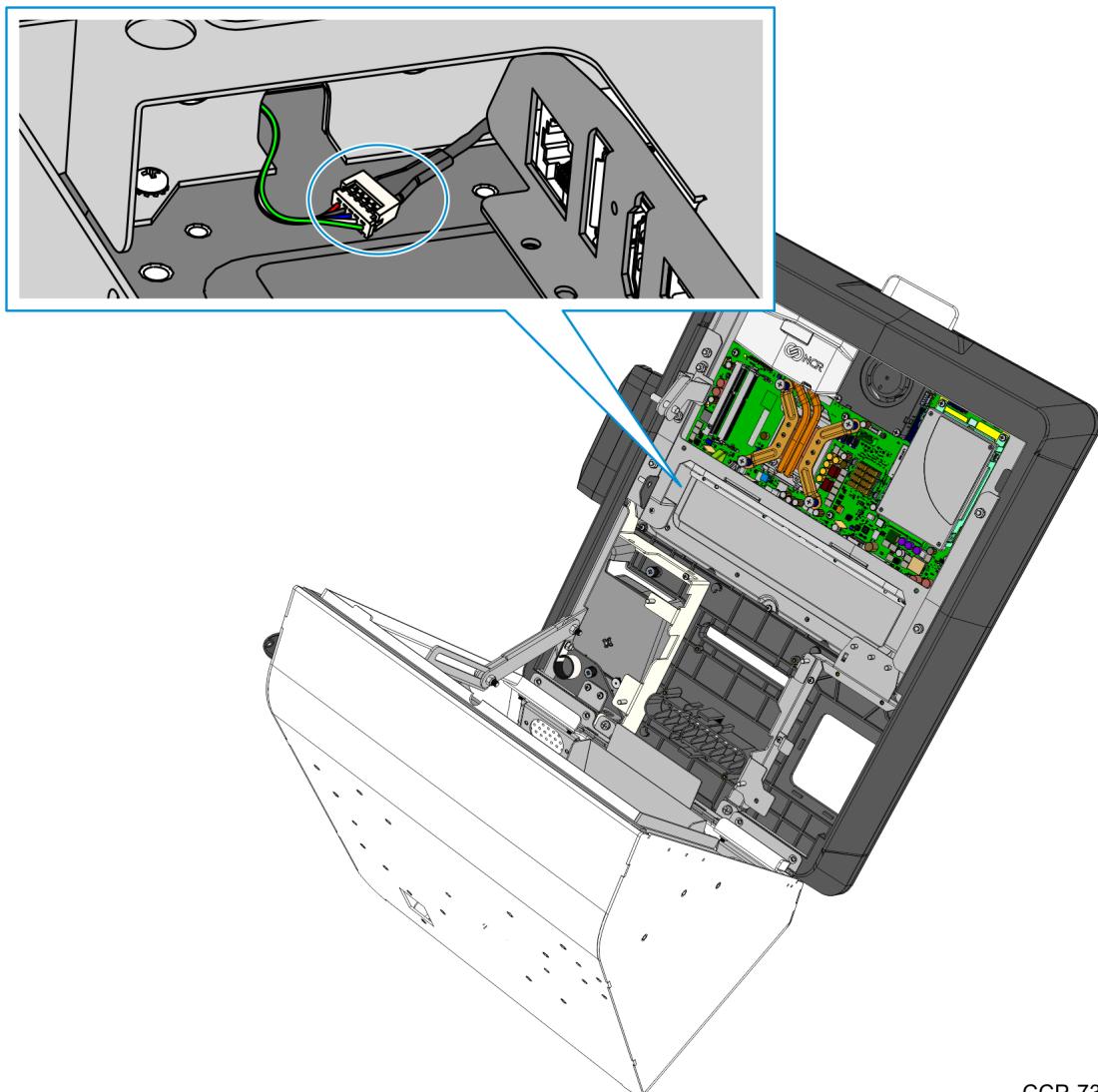


## Note

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 88.

# 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.

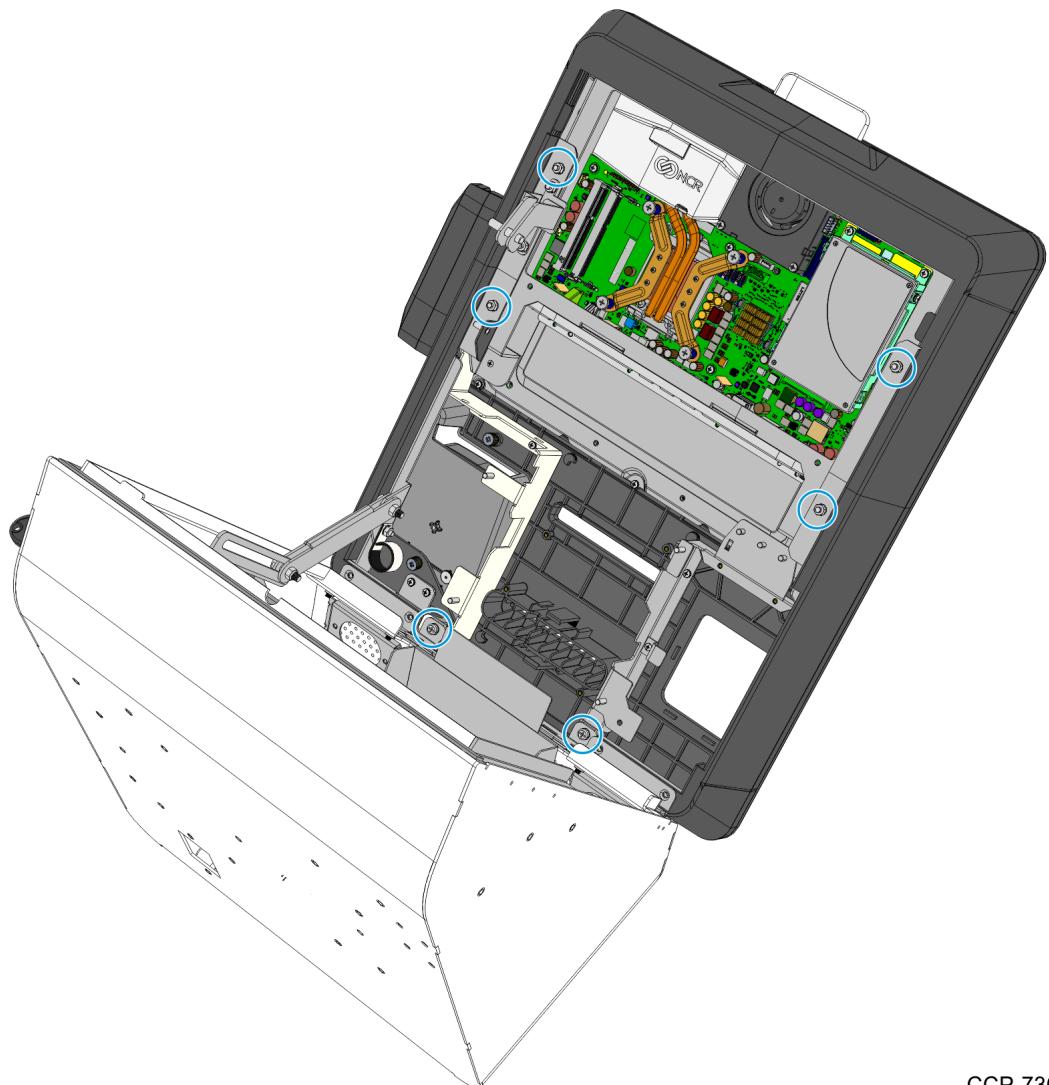


CCP-73181

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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



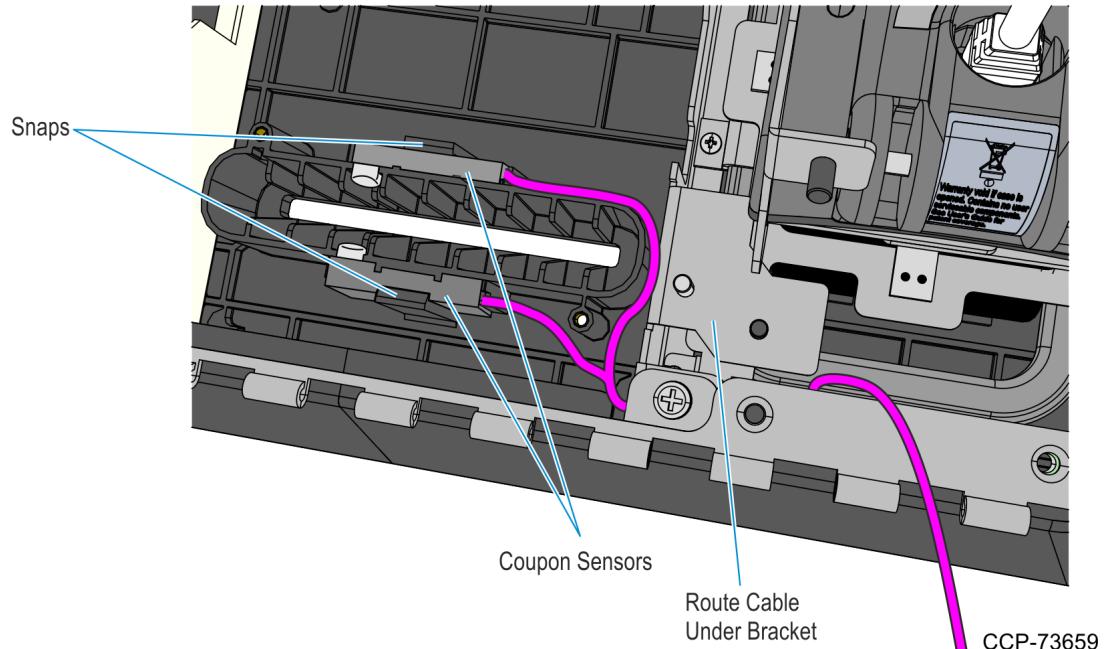
CCP-73650

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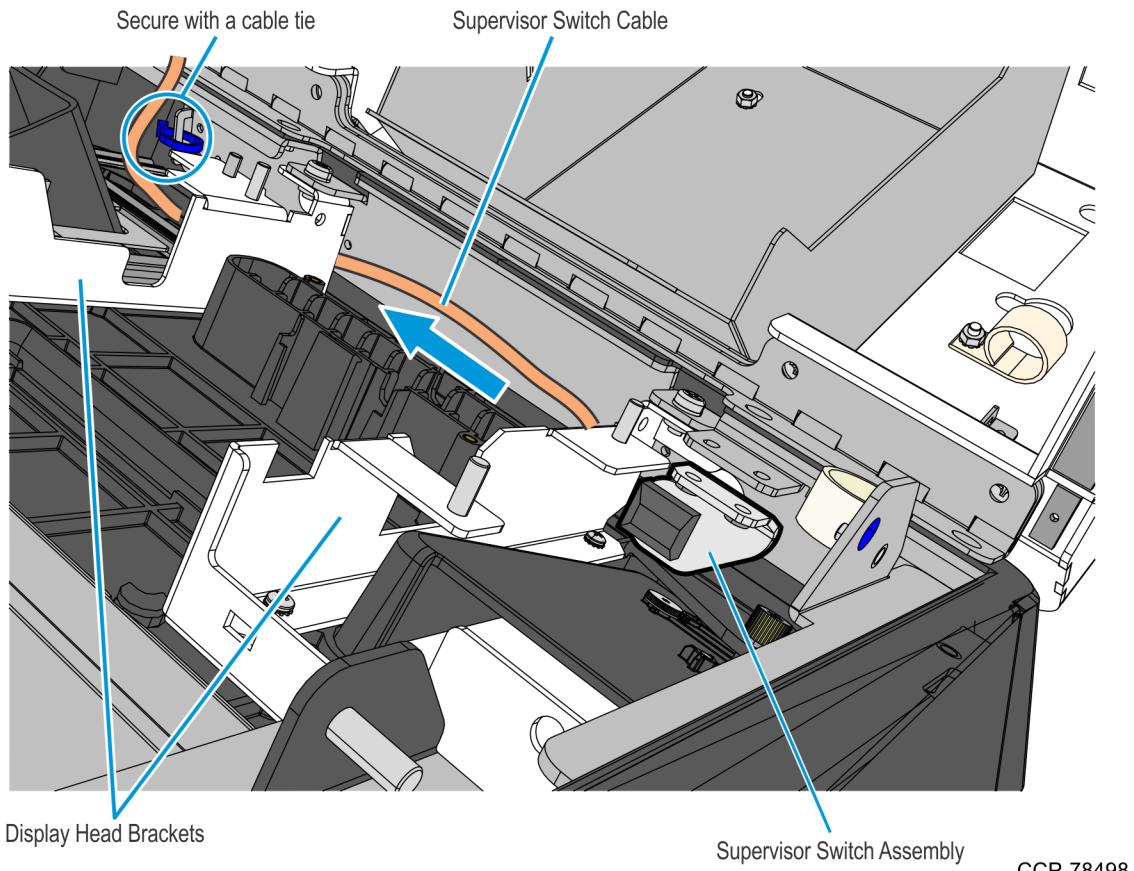
# Installing the Coupon Sensors

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.

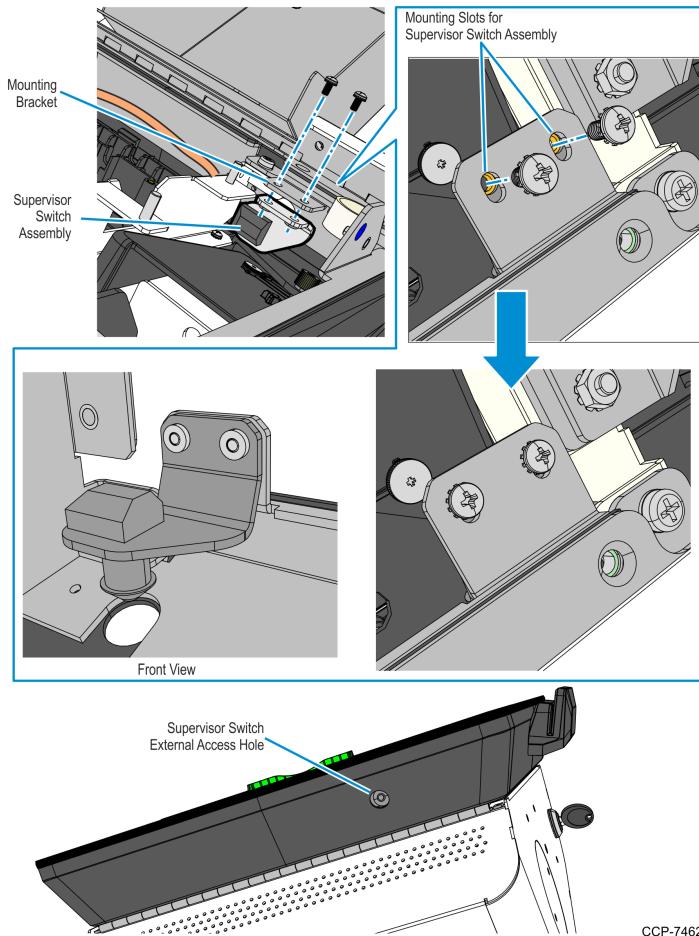


CCP-78498

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

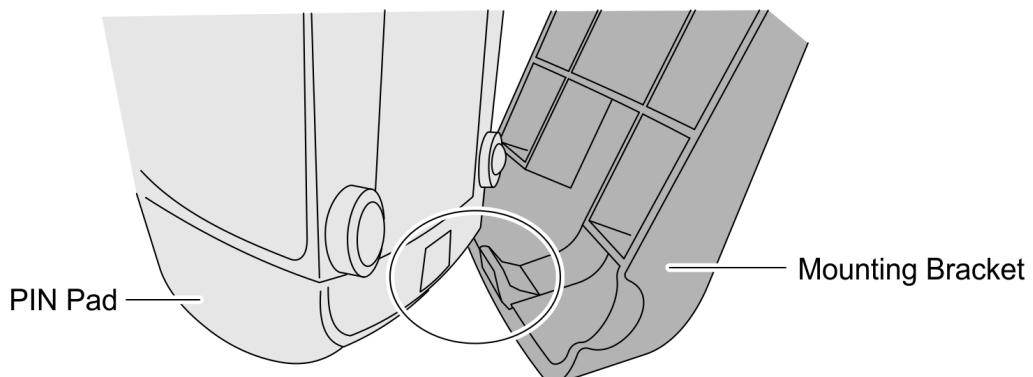
**! Important**

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 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.

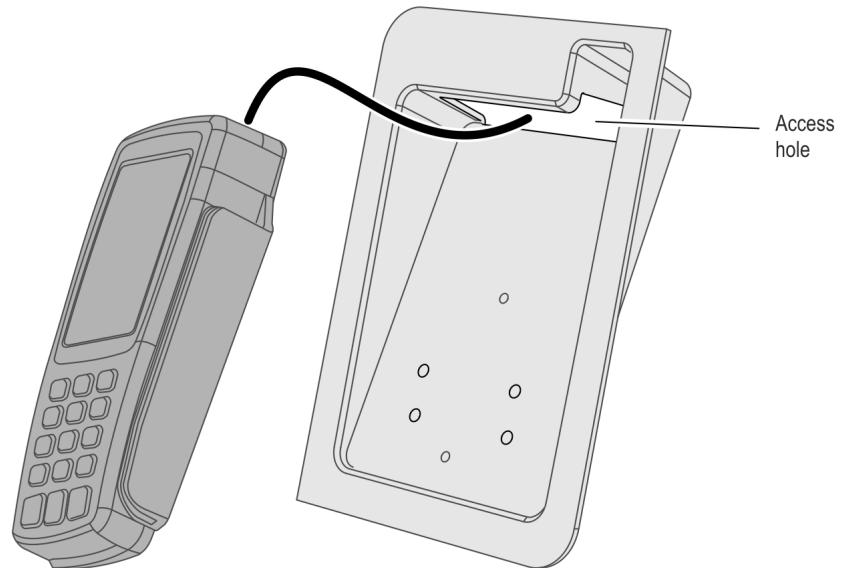


CCP-60071

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

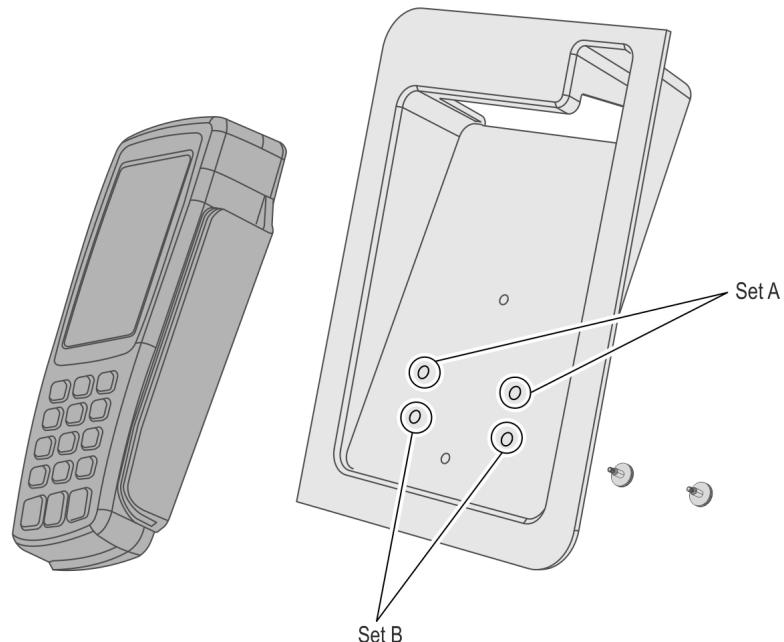
# Installing the Verifone VX805/820 PIN Pad

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



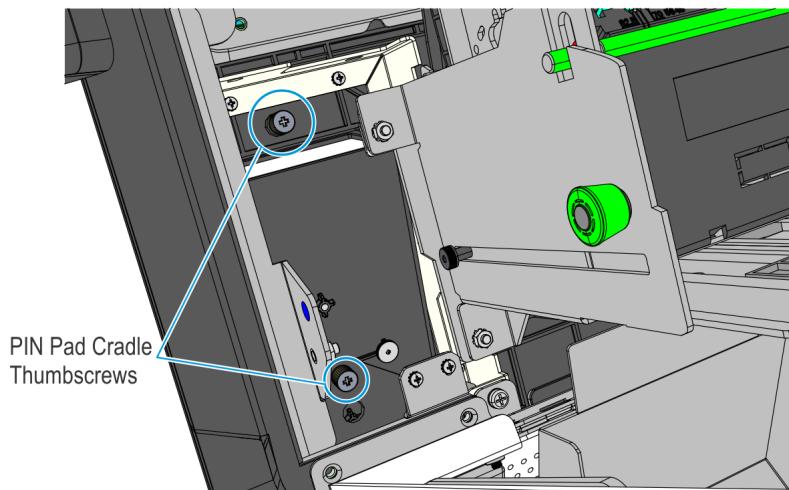
CCP-61344

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



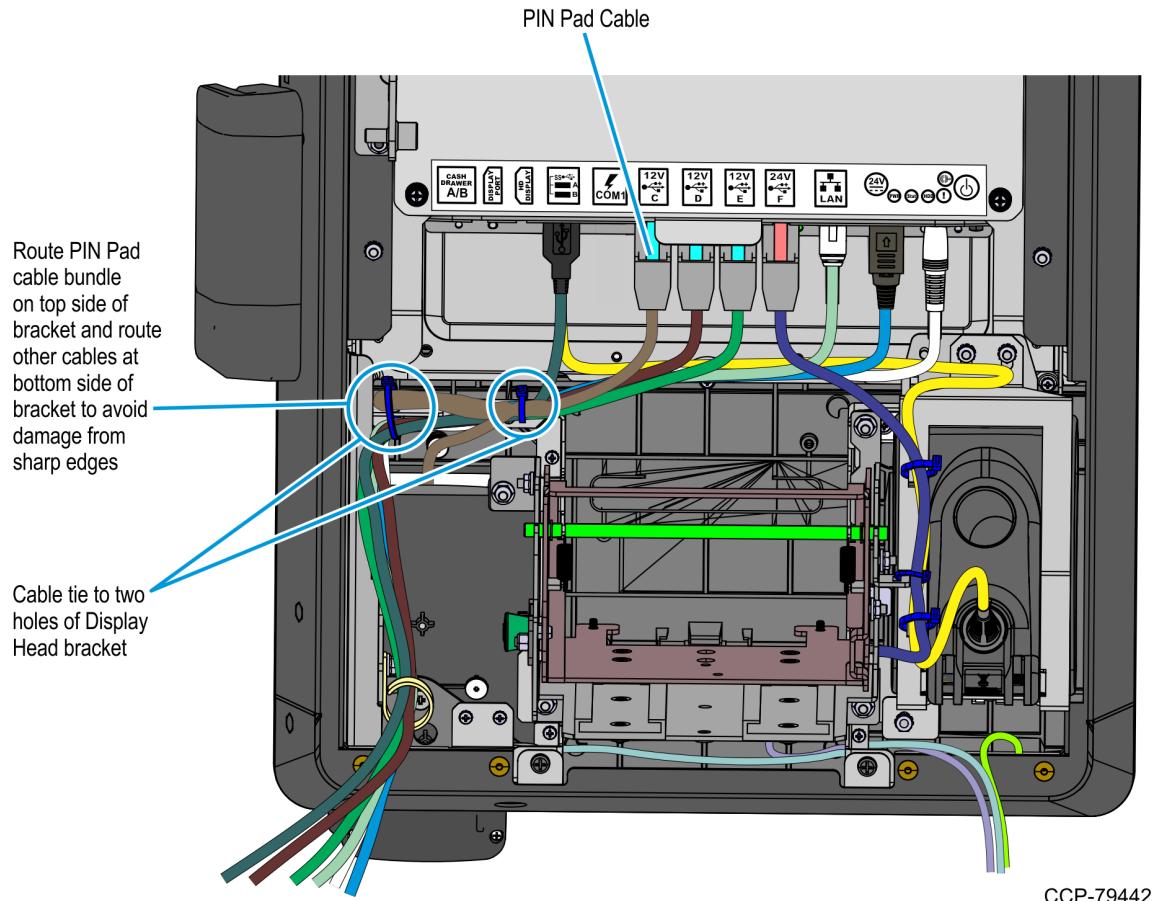
CCP-61346

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



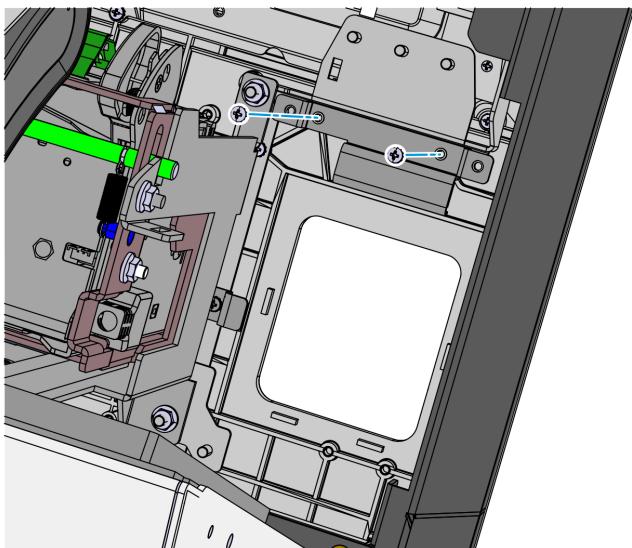
CCP-78706

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



# Installing the Imager Shield

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

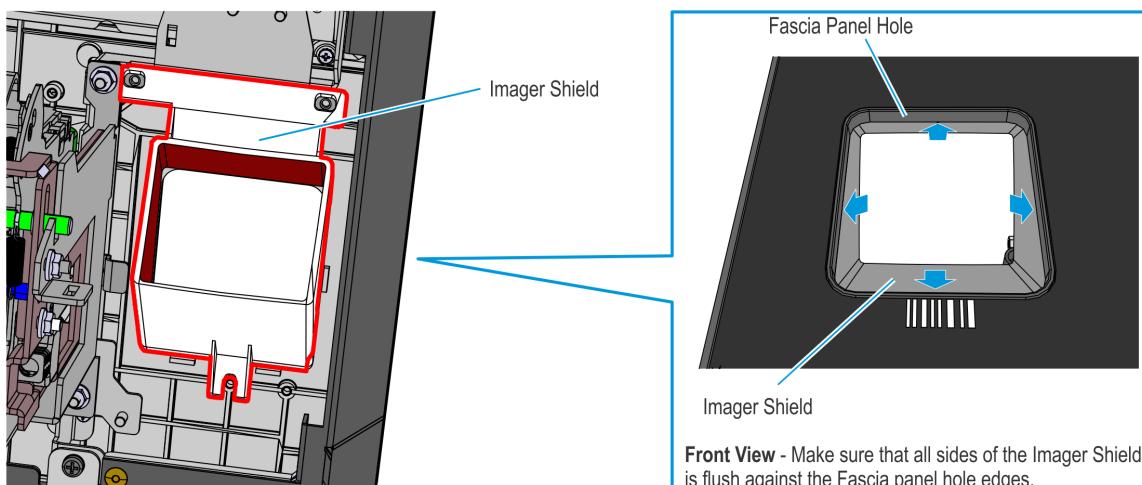


CCP-77969

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.

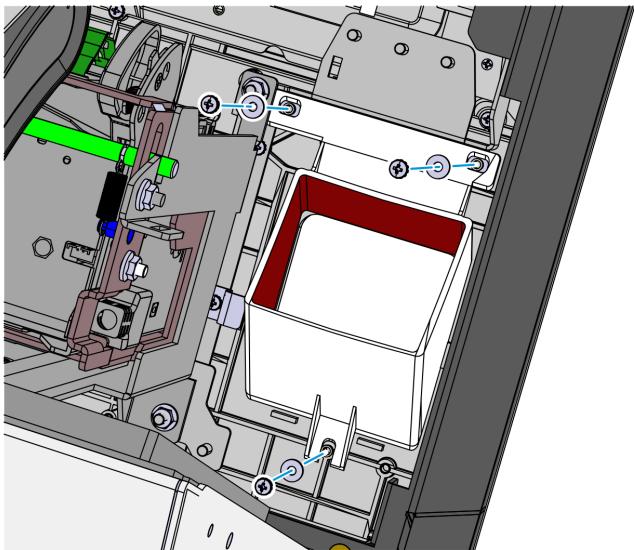


CCP-79164

3. 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.



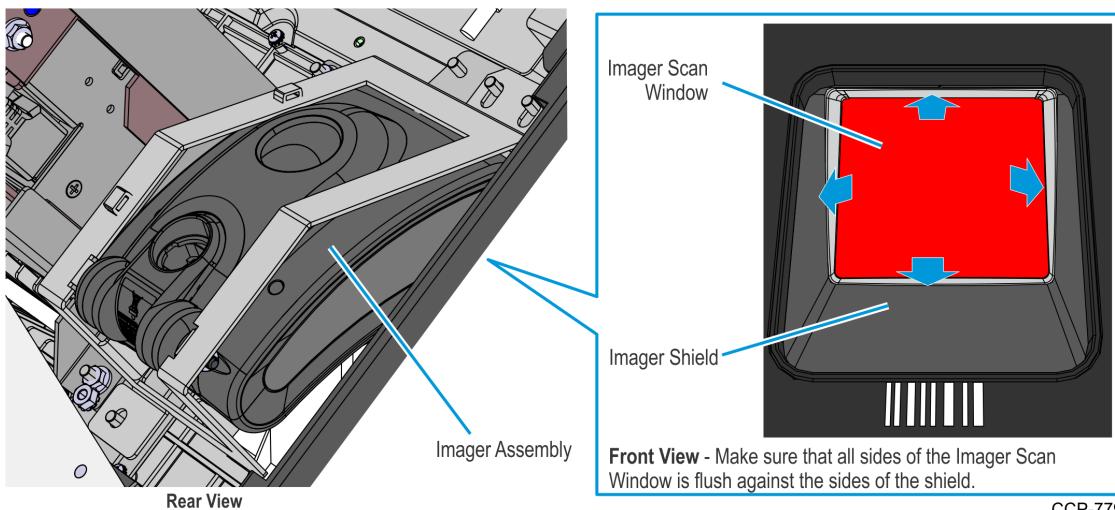
CCP-77968

# Installing the Honeywell 7580G Imaging Scanner

1. Mount the Imager assembly over the Imager Shield.

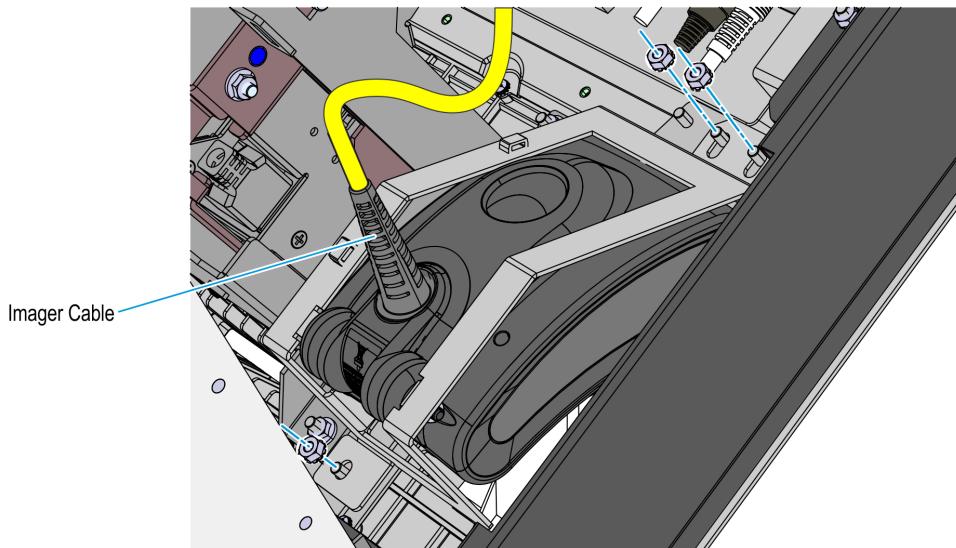
**! Important**

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.



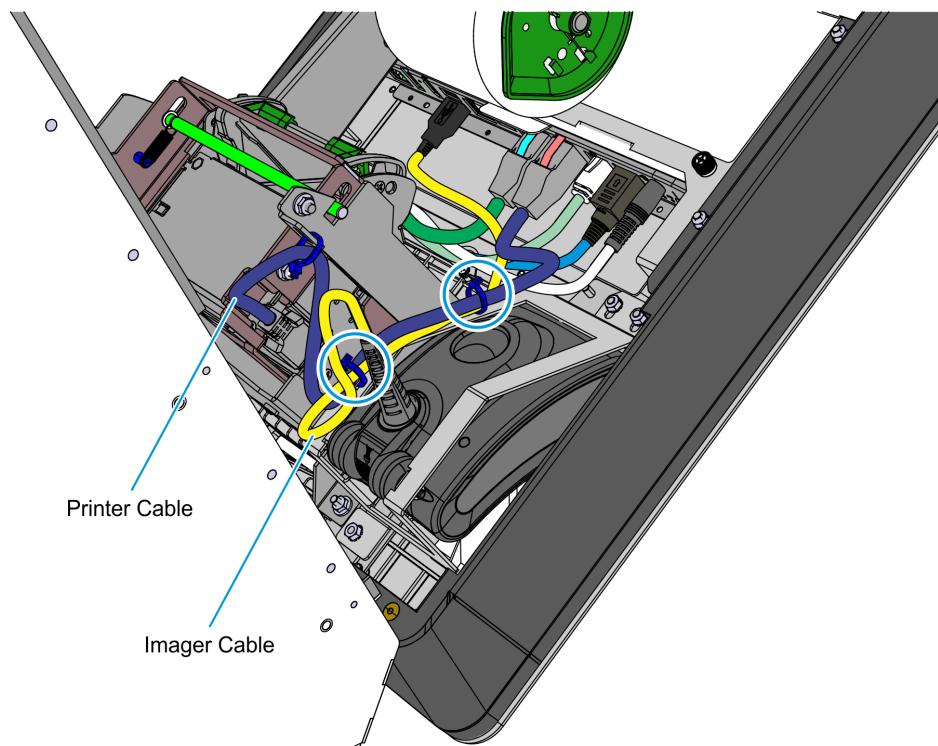
CCP-77974

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

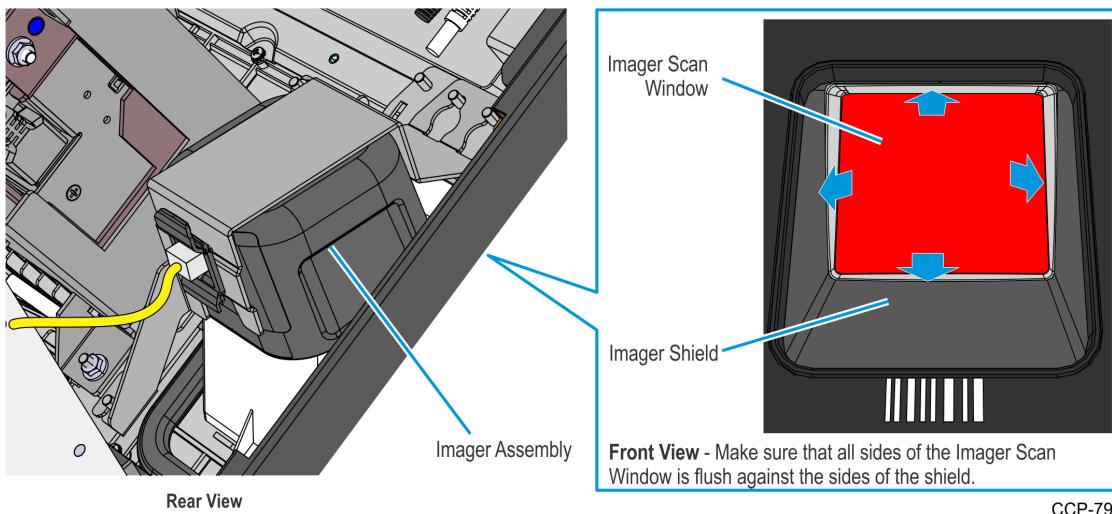


# Installing the Datalogic 1500i Imaging Scanner

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

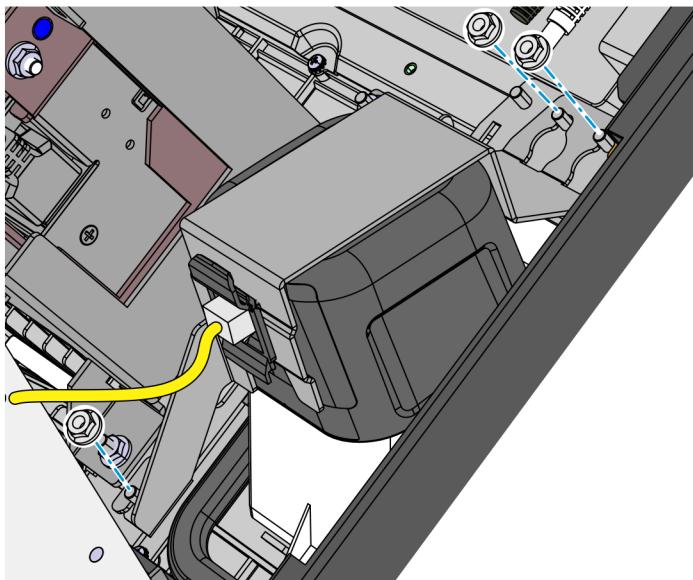
**! Important**

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.



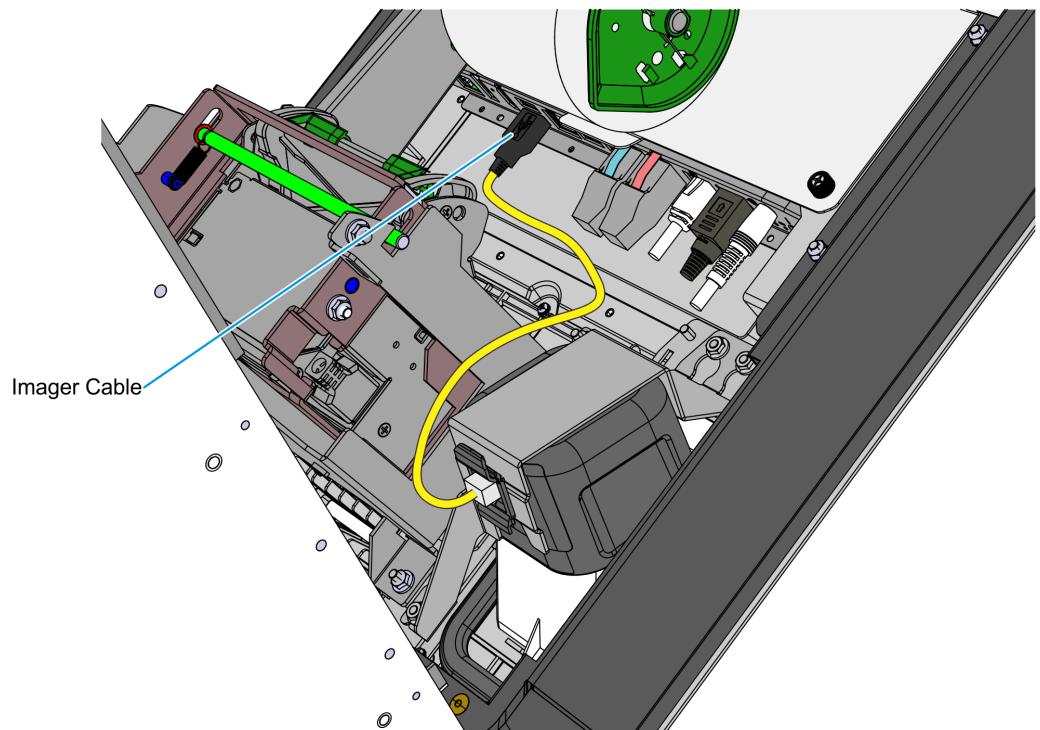
CCP-79471

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



CCP-79470

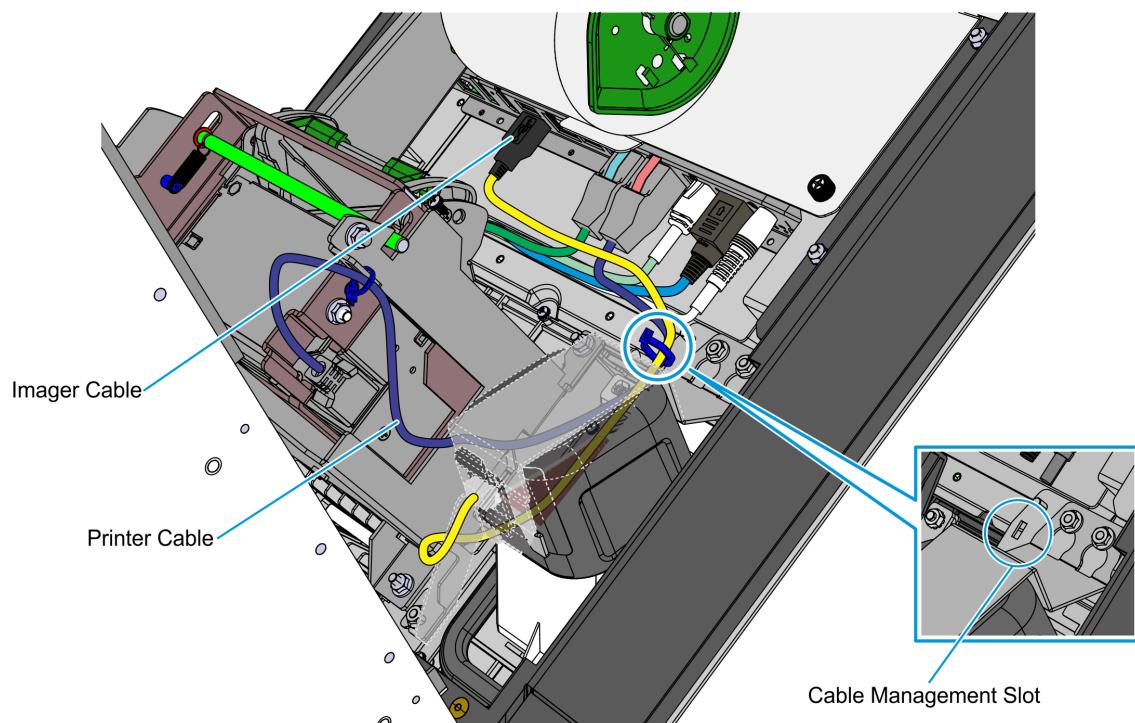
3. Connect the Imaging Scanner cable to the USB B port of the motherboard.



CCP-79467

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.

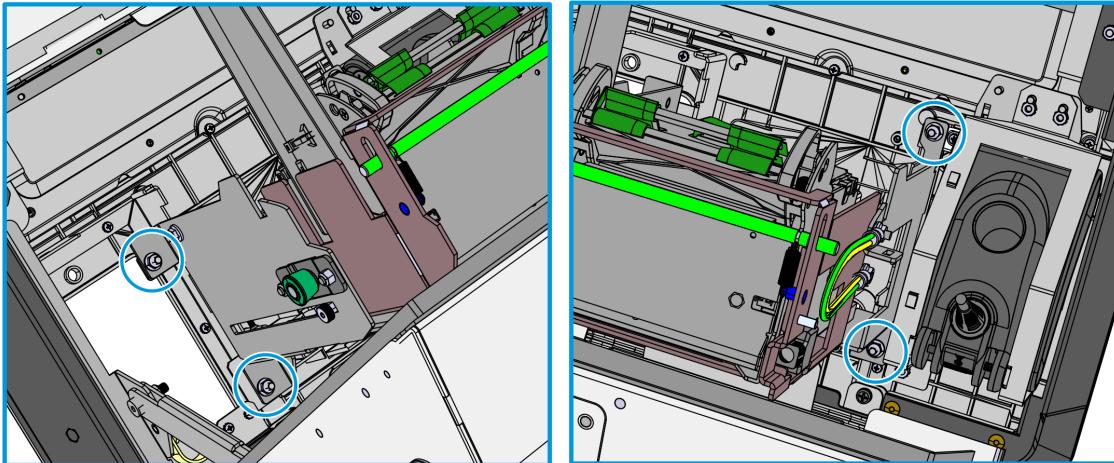
- Imager USB cable
- Printer USB and Power cable



CCP-79466

# 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.



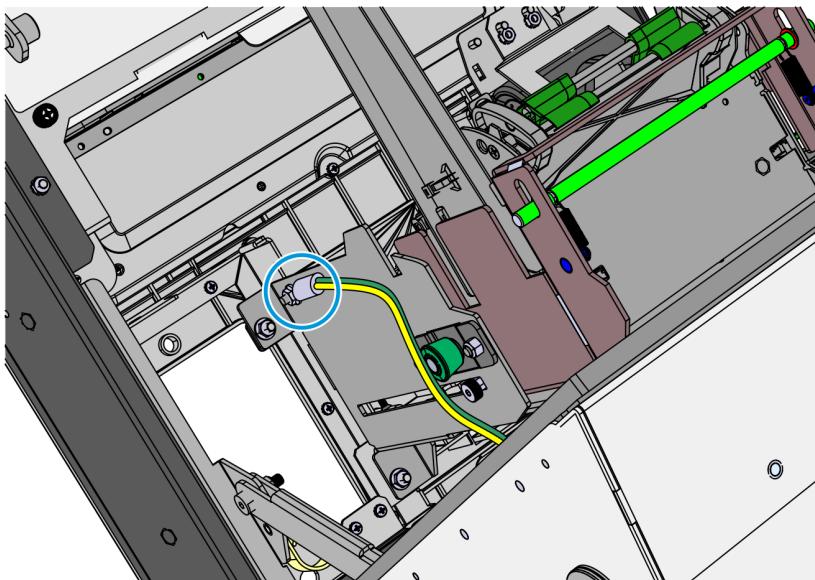
CCP-77997

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.



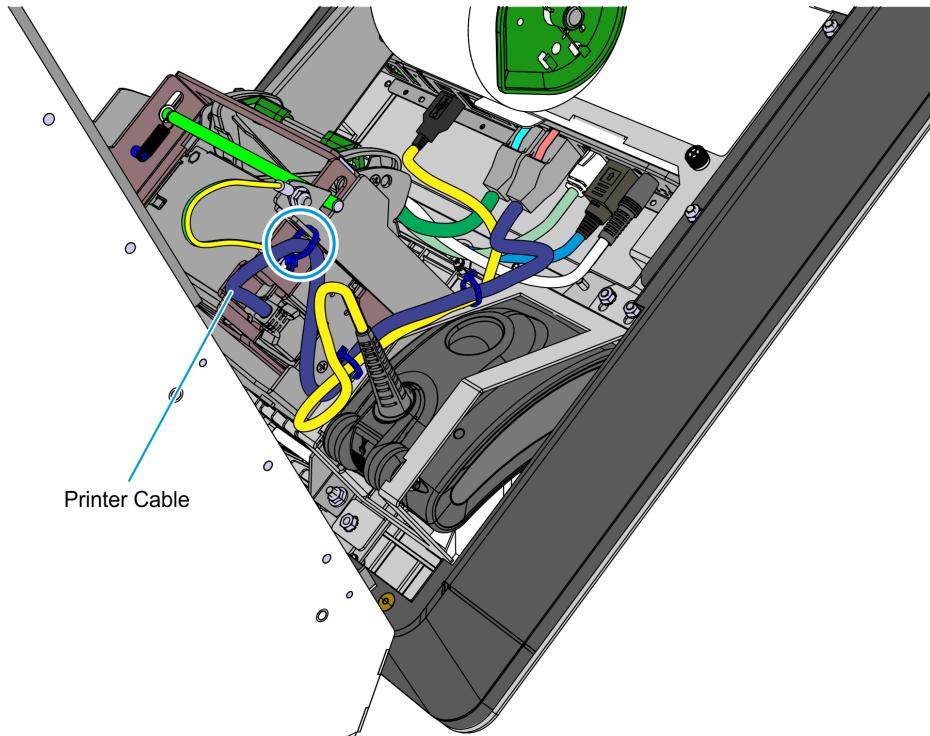
CCP-77998

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

 **Note**

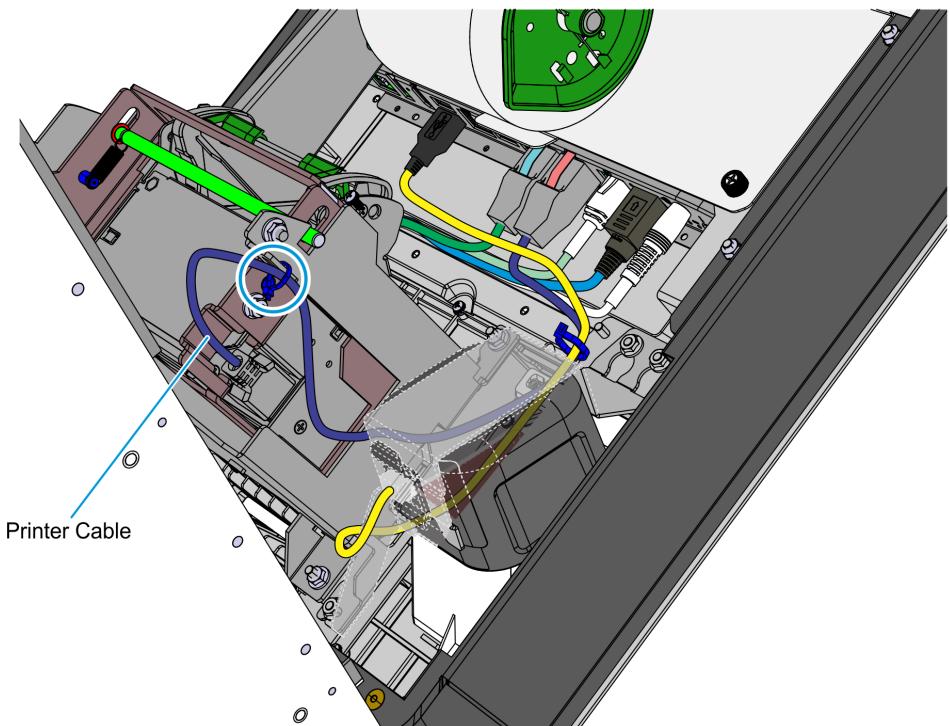
There should be enough slack to allow the Printer Tray to slide upward.

- With Honeywell 7580G Imaging Scanner



CCP-77996

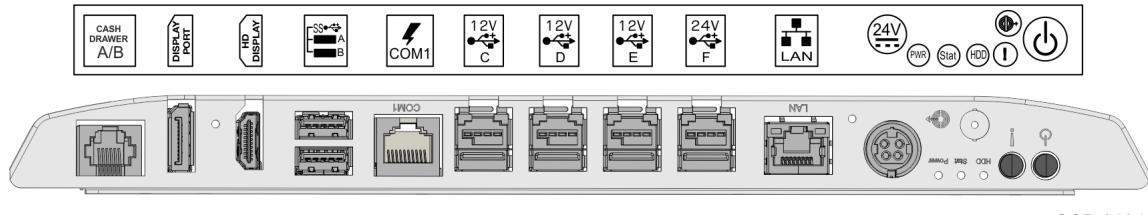
- With Datalogic 1500i Imaging Scanner



CCP-79464

# I/O Motherboard Cable Connections

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



CCP-61343

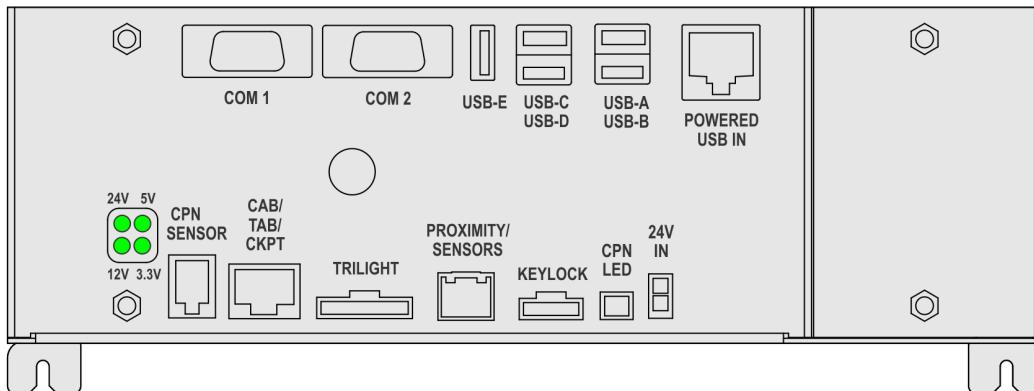
Connector	Device/Cable
COM 1	Ingenico IPP320, IPP350, or Lane 5000 PIN Pad
LAN	LAN Ethernet Cable
24V	Power Supply Cable
Line Out	Dual Speaker
USB A	Sensormatic Controller
USB B	Imaging Scanner
USB C	Verifone VX805, VX820, or MX915 PIN Pad
USB D	Security Scale
USB E	I/O Adapter
USB F	Receipt Printer

Confidential and proprietary information of NCR Voyix.

Use and disclose solely pursuant to company instructions.

# I/O Adapter Connecting Cables

The NCR Voyix 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.

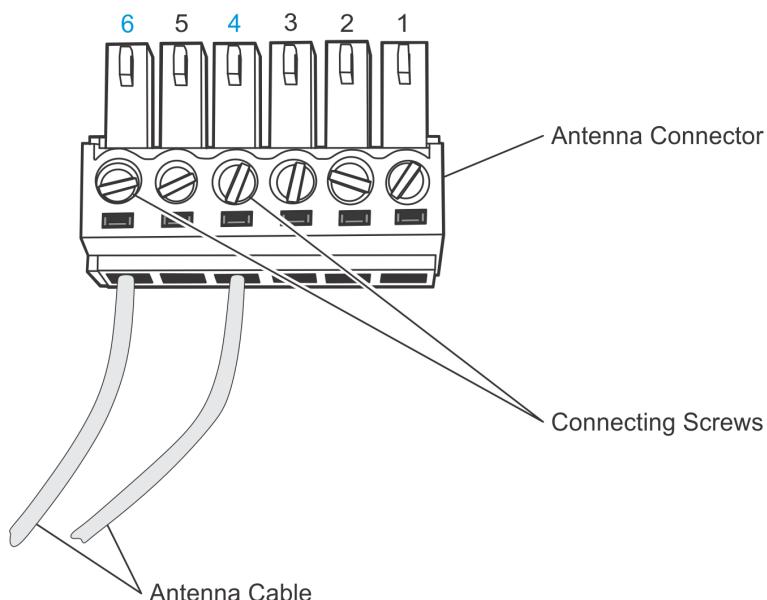


CCP-78119

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

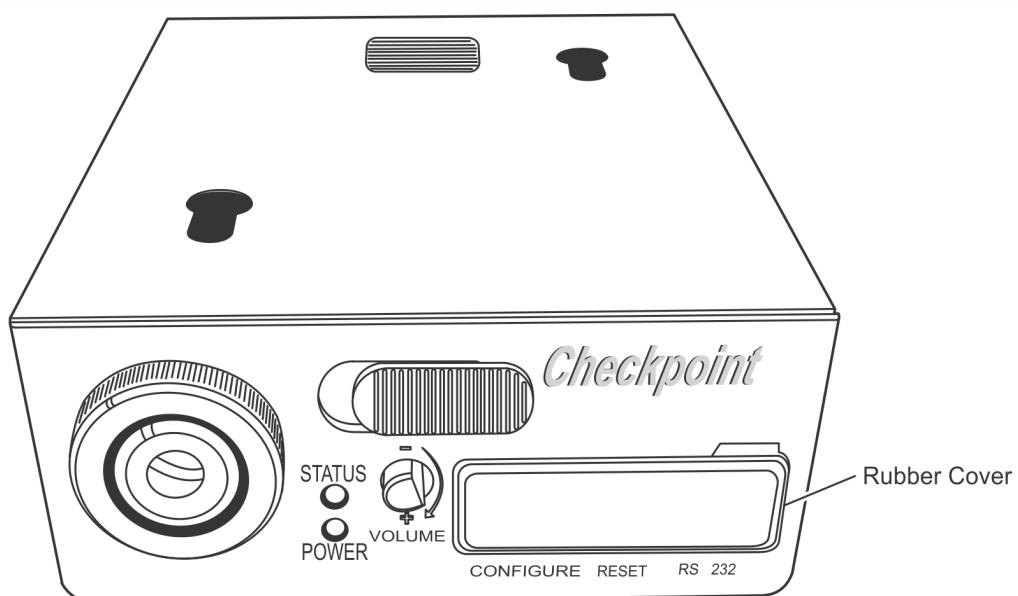
# Installing the Checkpoint Controller and Power Supply

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.



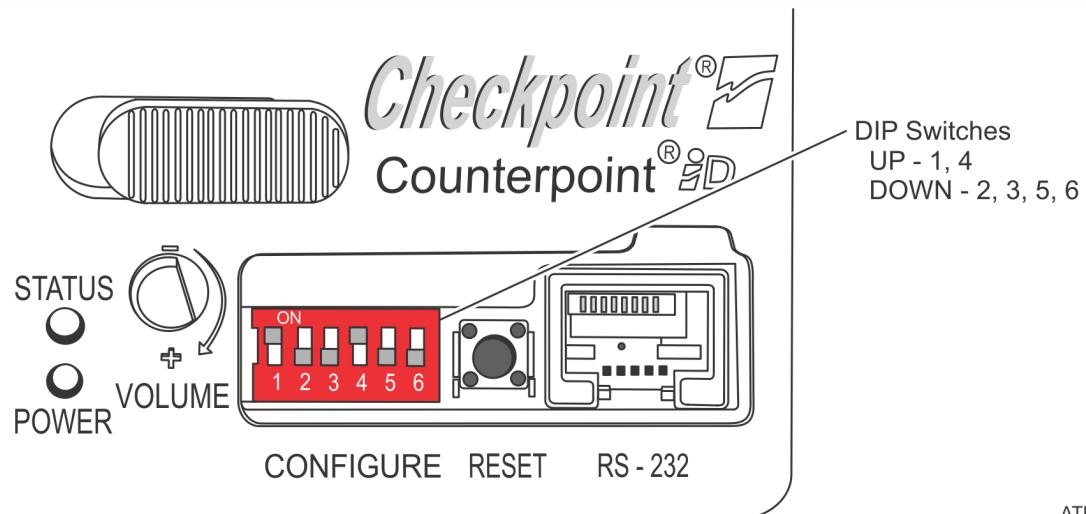
ATL-33723

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



ATL-33724

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

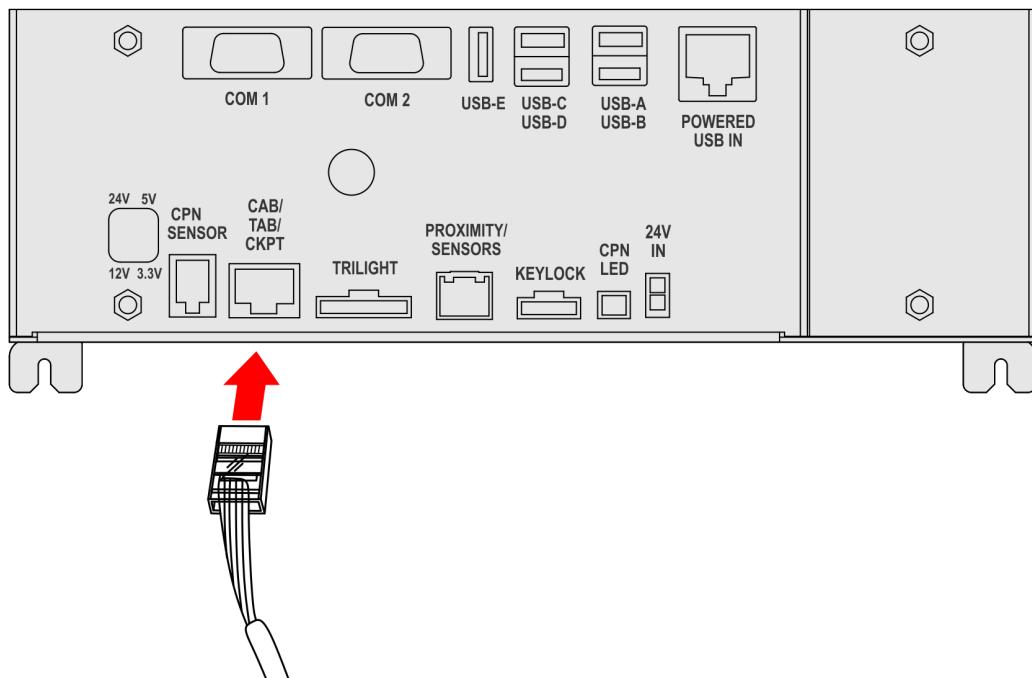


ATL-33725

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

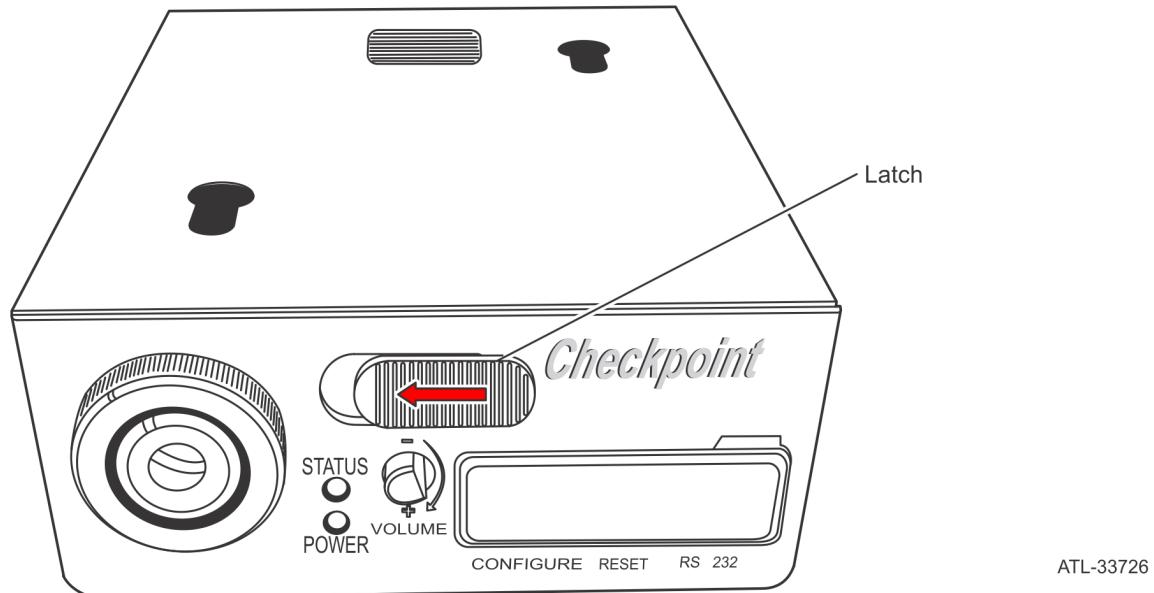
 **Note**

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

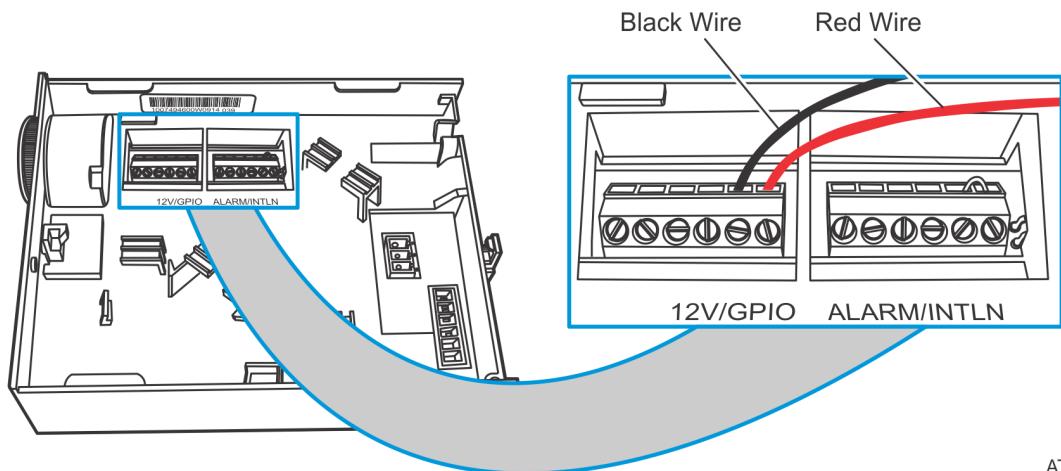


CCP-77960

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

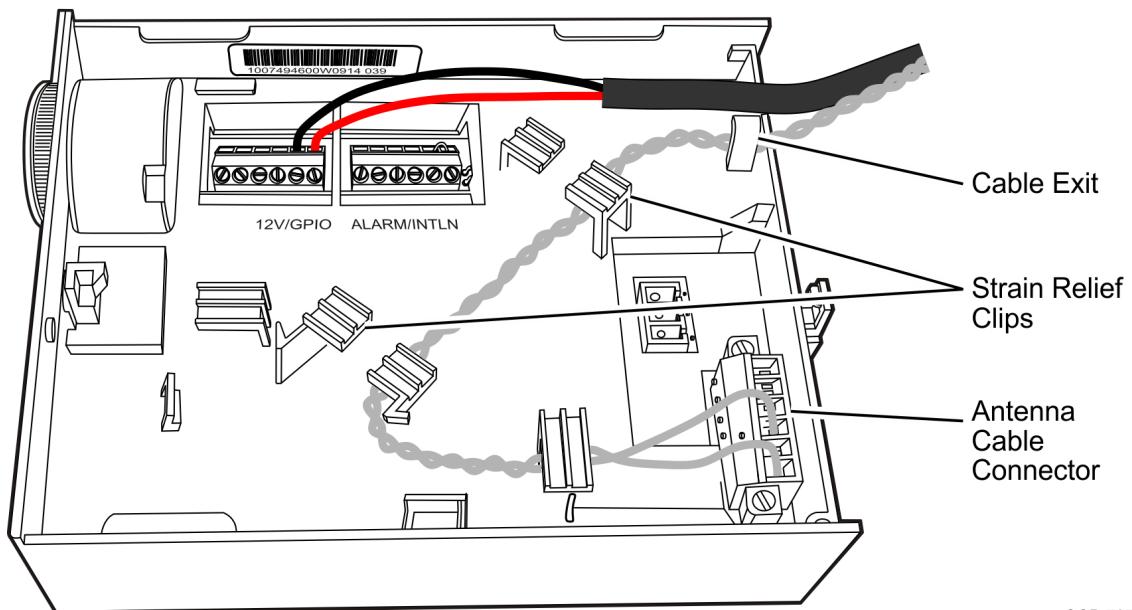


6. Connect the other end of the Checkpoint Signal Cable to the Checkpoint Controller.
  - Connect the Black and Red wires of the Checkpoint Signal Cable to the connector inside the Checkpoint Controller, as shown in the following illustration. Use a small Flathead Screwdriver to loosen and tighten the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



- 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.



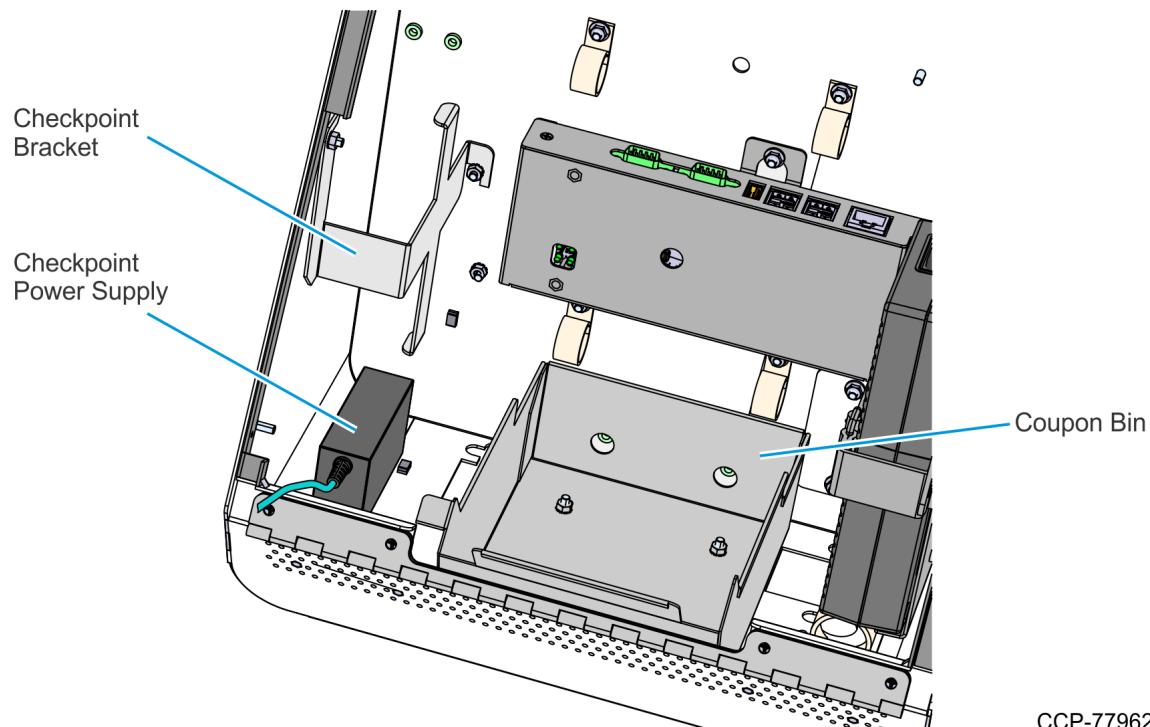
CCP-78755

- 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.

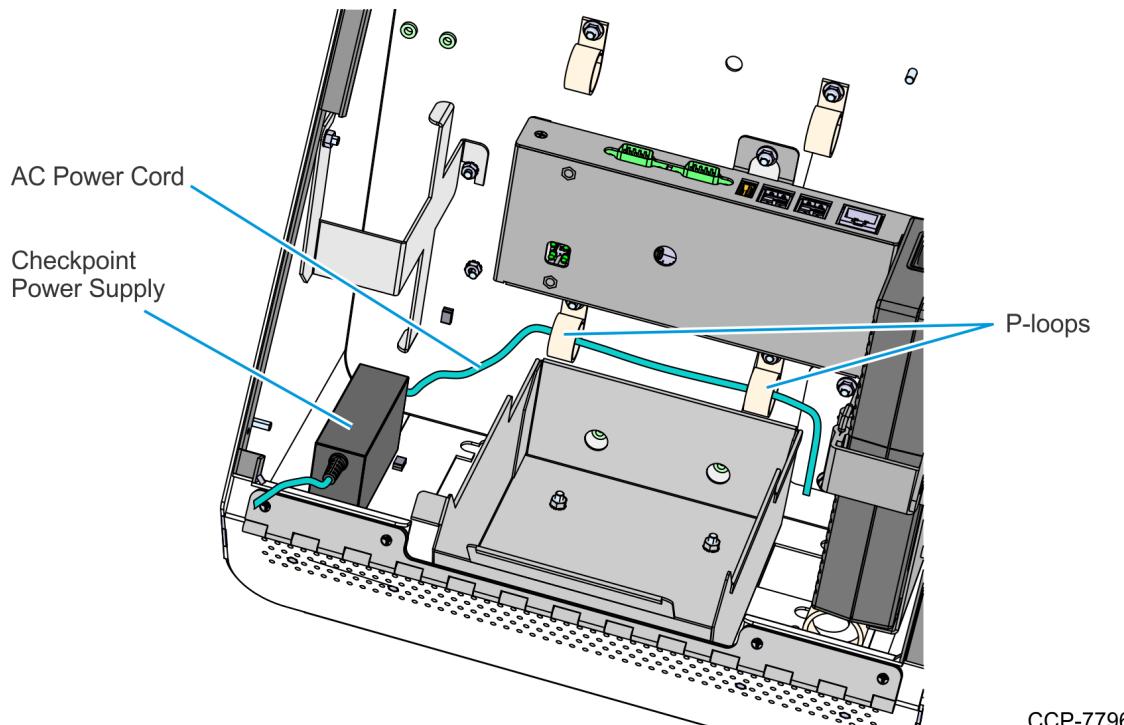
10. Place the Checkpoint Power Supply at the bottom of the Checkpoint Controller Bracket and beside the Coupon Bin.

 **Note**

The Checkpoint Bracket is shown only for reference.



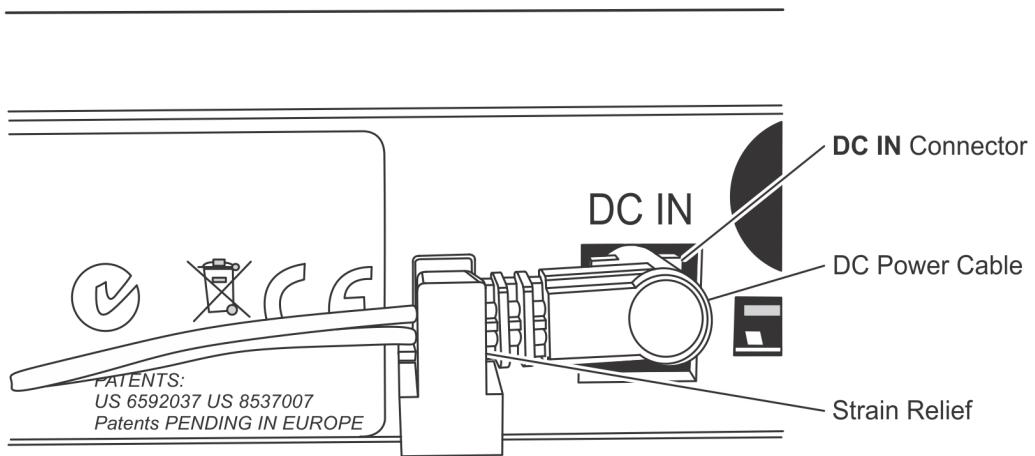
11. Route the Checkpoint AC Power Cord from its Power Supply, out of the kiosk, and to the AC Receptacle.
  - a. Route the Checkpoint AC Power Cord through the p-loops just above the Coupon Bin, as shown in the following image.



CCP-77963

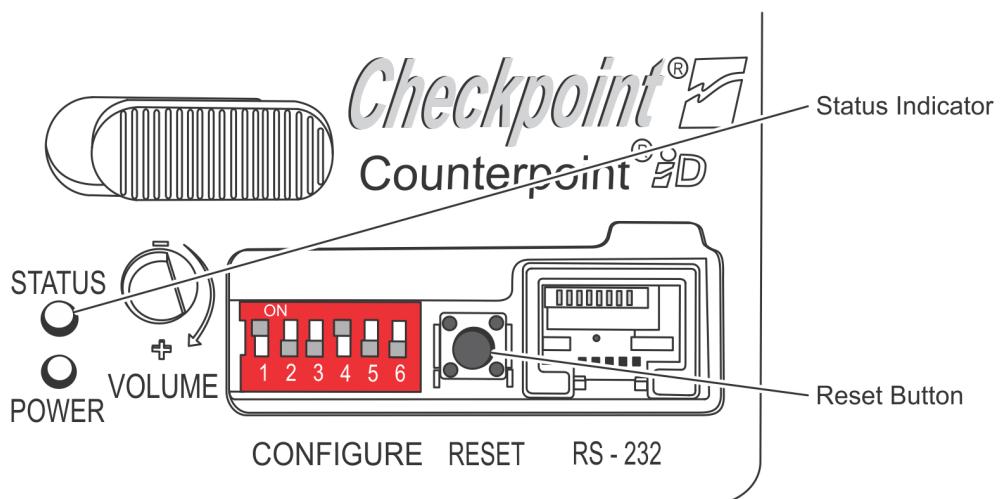
- b. Depending on the kiosk configuration, do one of the following:
    - For Counter Top configuration, route the Checkpoint AC Power Cord through the hole on the rear cover of the kiosk.
    - For Wall Mount configuration, route the Checkpoint AC Power Cord through the hole on the bottom of the kiosk 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

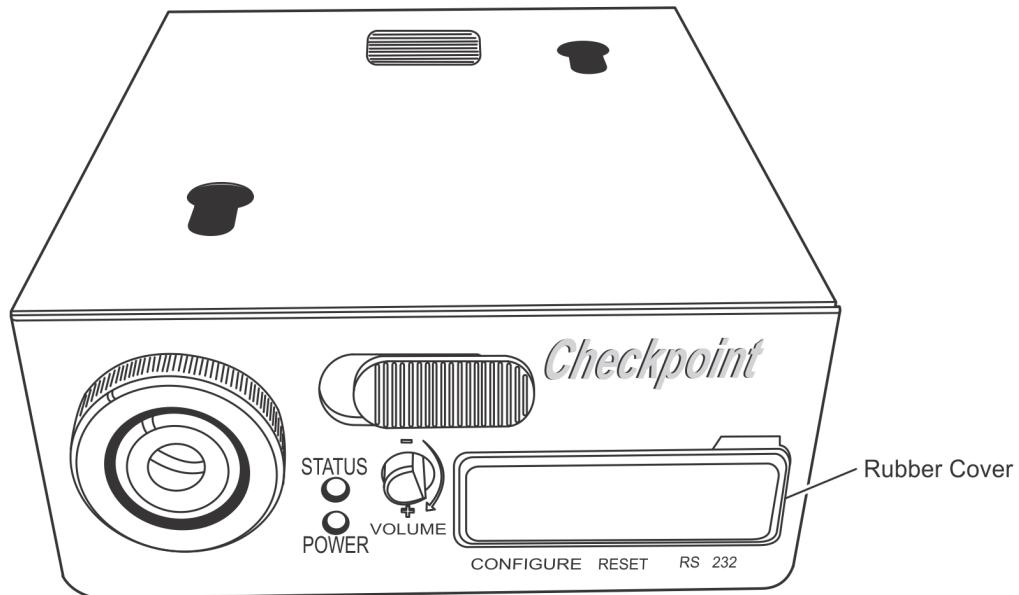
13. Power up the kiosk by connecting the NCR Voyix SelfServ™ 90 (7709) AC Power Cord into the AC Power Receptacle.
14. Power up the Checkpoint Controller.
  - Connect the Checkpoint AC Power Cord into the AC Power Receptacle.
  - Press the **Reset** button and wait for the Status Indicator to turn Violet.



ATL-33770

- Press the Reset button again to tune the Checkpoint Antenna.

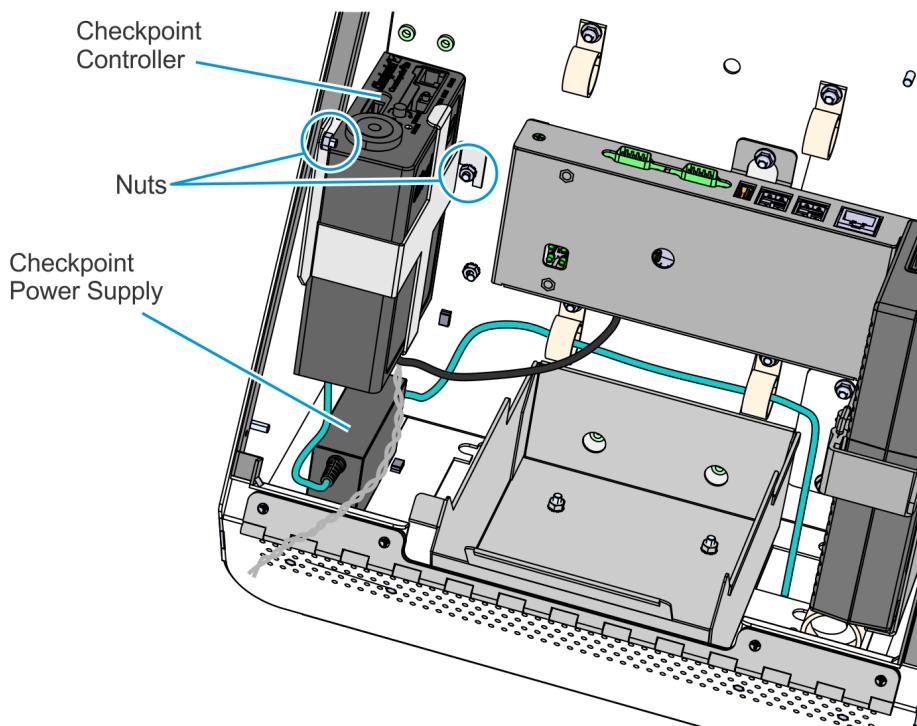
15. Re-install the Rubber Cover, which was removed earlier in the process.



ATL-33724

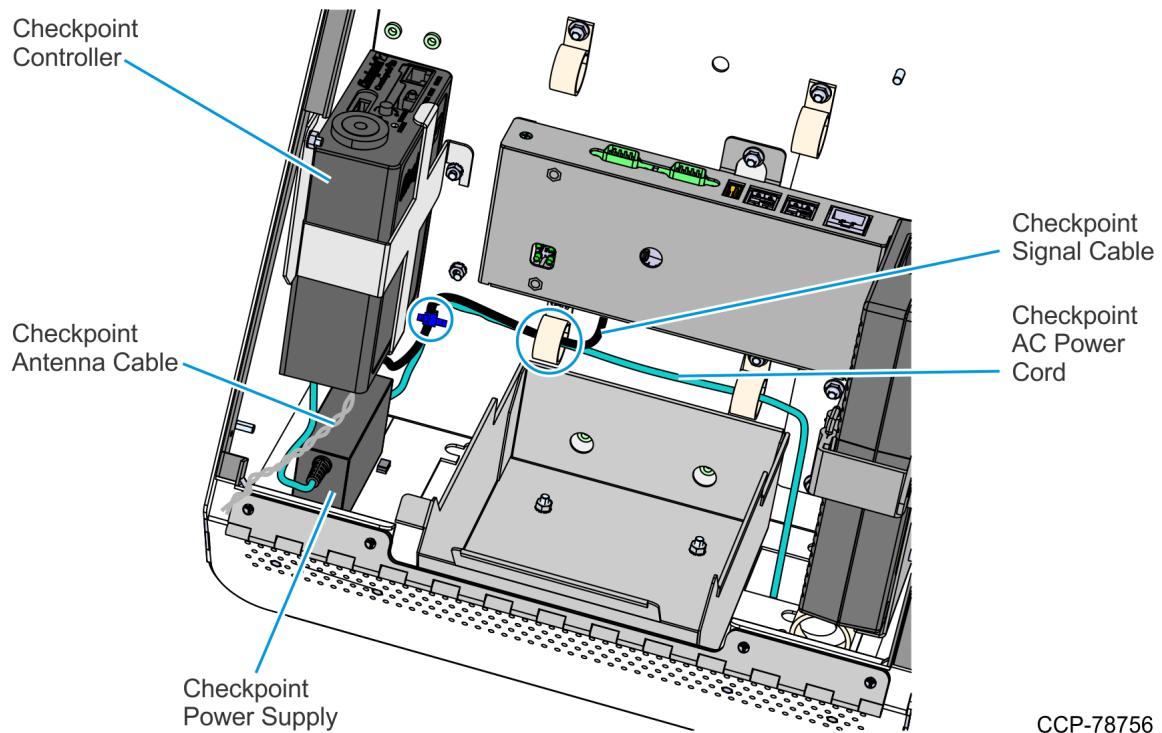
16. Mount the Checkpoint Controller on its Mounting Bracket.

- Place the Checkpoint Controller in the Mounting Bracket.
- 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.



CCP-78756

- 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.

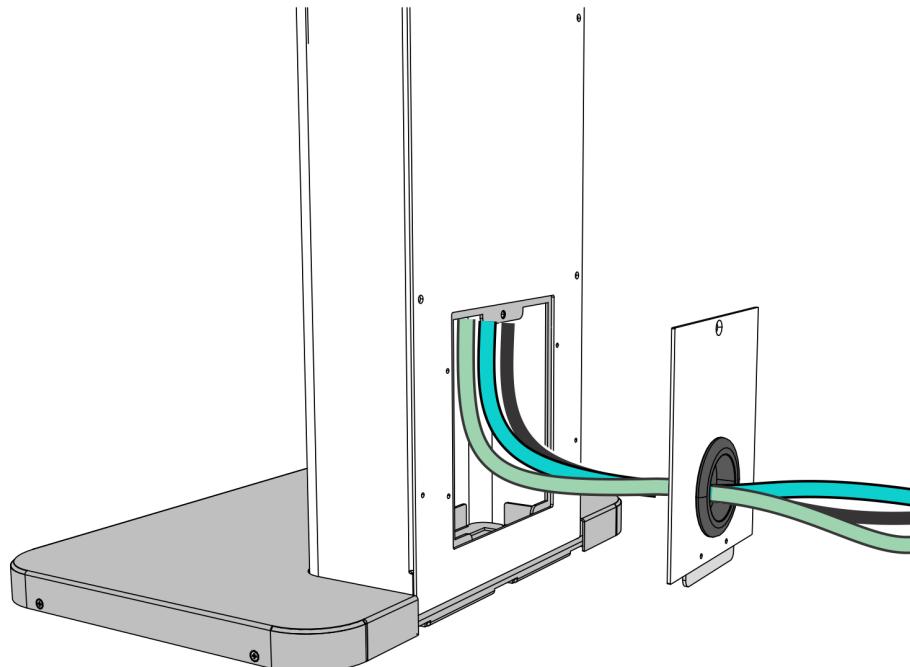
# Routing Cables for Pedestal Mount

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**

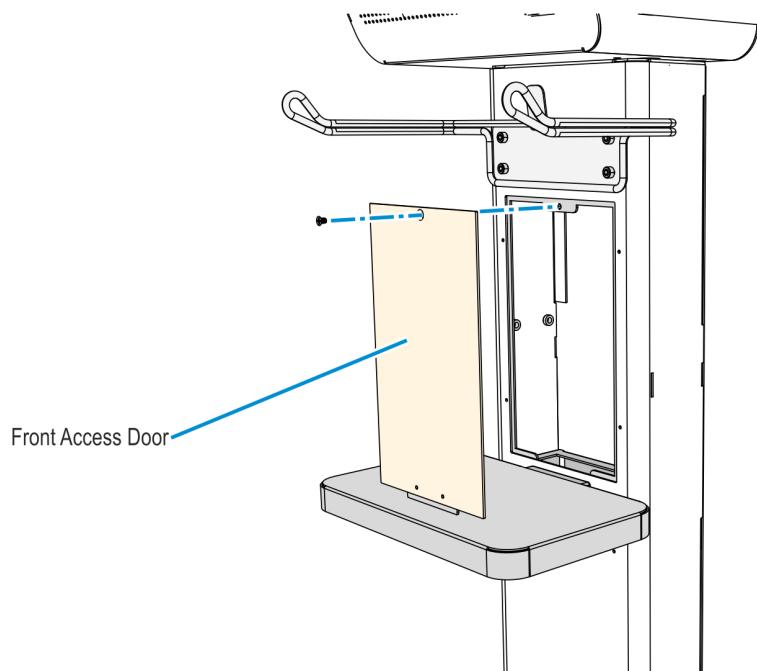
Do not plug the power cables to the power source yet.

2. Install the Rear Access Door to the pedestal and secure it with a screw.



CCP-79165

3. Install the Front Access Door to the pedestal and secure it with a screw.



CCP-74617