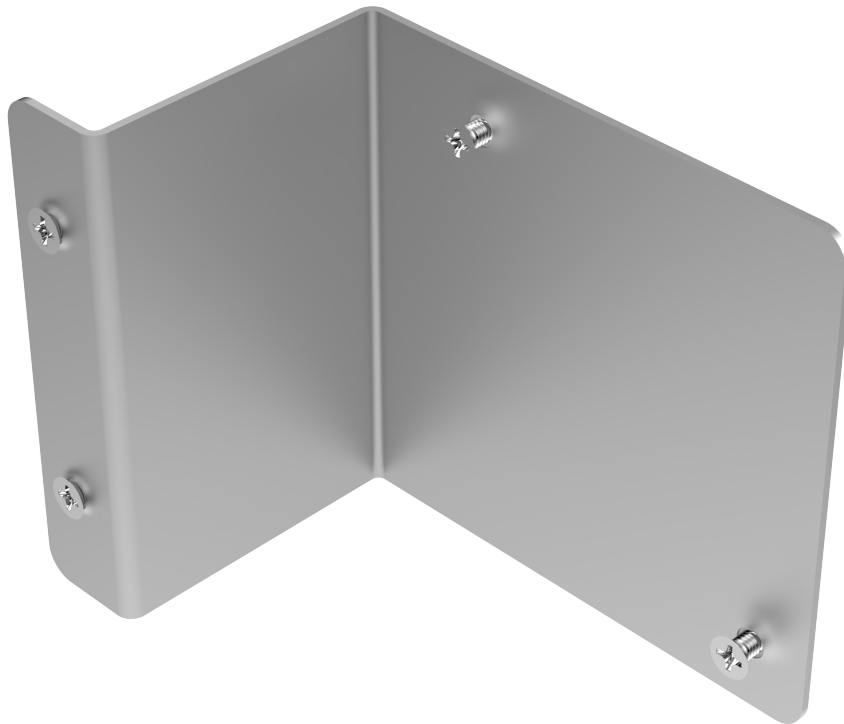




Kit Instructions

Single Window Scanner Checkpoint®

Controller Bracket



7372-K092

Issue A

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Revision Record

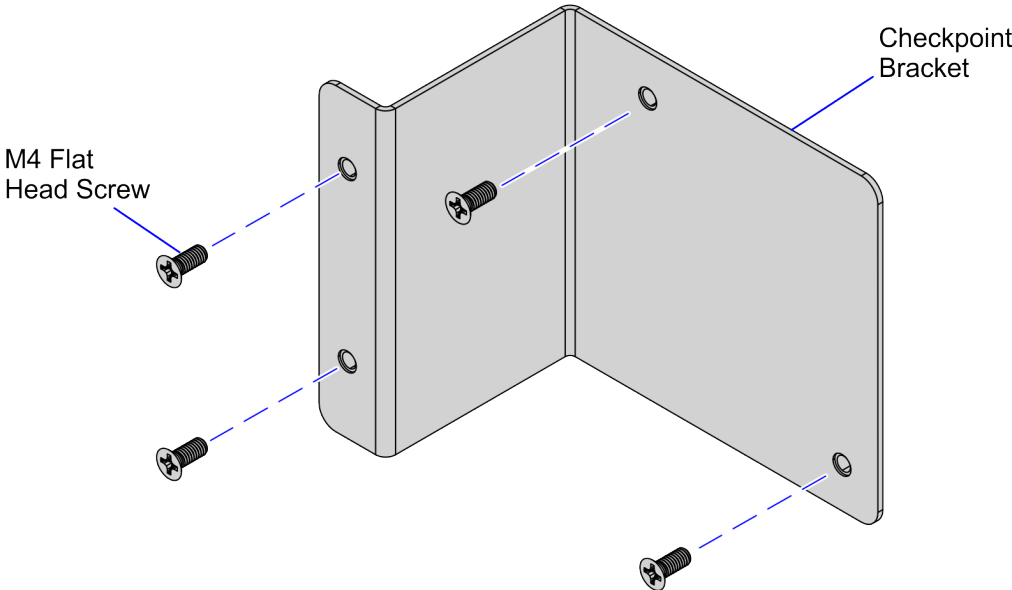
Issue	Date	Remarks
A	Jul 2024	First issue.

Single Window Scanner Checkpoint® Controller Bracket

The Single Window Scanner Checkpoint® Controller Bracket holds the Checkpoint® Controller that is installed inside the cabinet. This publication provides instructions for installing the bracket on a No-Bag SCO Kiosk unit.

Note
The Checkpoint® Controller is not included in the kit.

Kit Contents



CCP-84391

Part Number	Description
497-0535612	7372-K092 Single Window Scanner Checkpoint® Controller Bracket
* 497-0504487	Cable, Antenna, Checkpoint Counterpoint Id
* 497-0509165	Cable - R6 Checkpoint Rs232 Db9 2.8 Meters
497-0534711	Checkpoint Bracket

Part Number	Description
006-8622623	Screw, M4 X 10, Flat Head, Phillips, Black Oxide (4 pcs)
* 497-0423108	Instructions-Kit (Reference Sheet)

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

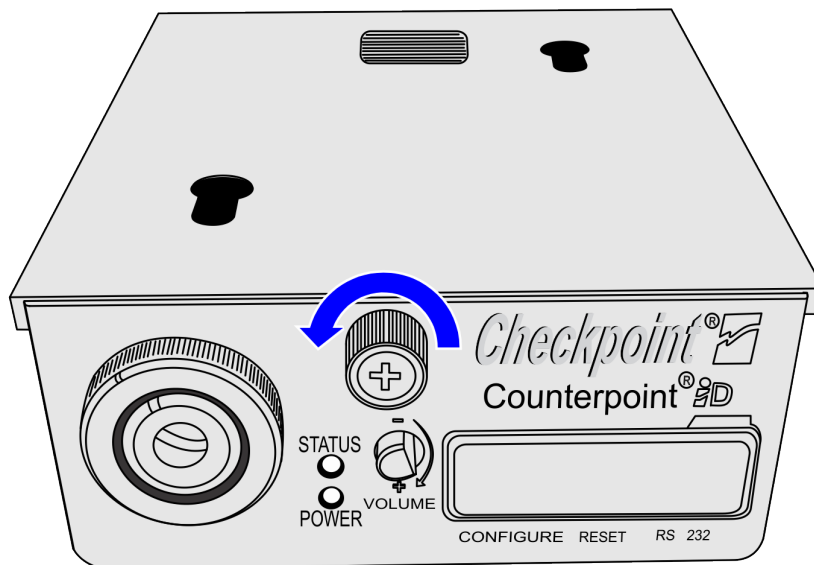
Installation Procedure

To install the Checkpoint® Controller Bracket, follow these steps:

Note

The Checkpoint® Controller is not included in the kit.

1. Remove the existing Checkpoint® Controller, if necessary. For more information, refer to ["Removing the Checkpoint® Controller"](#) on page 22.
2. Verify the Checkpoint® Controller DIP Switch Settings. For more information, refer to ["Verifying the Checkpoint® Controller DIP Switch Settings"](#) on page 18 .
3. Do the following:
 - a. On the front of the Checkpoint® Controller, turn the thumbscrew to the left and slide the top cover off the device.

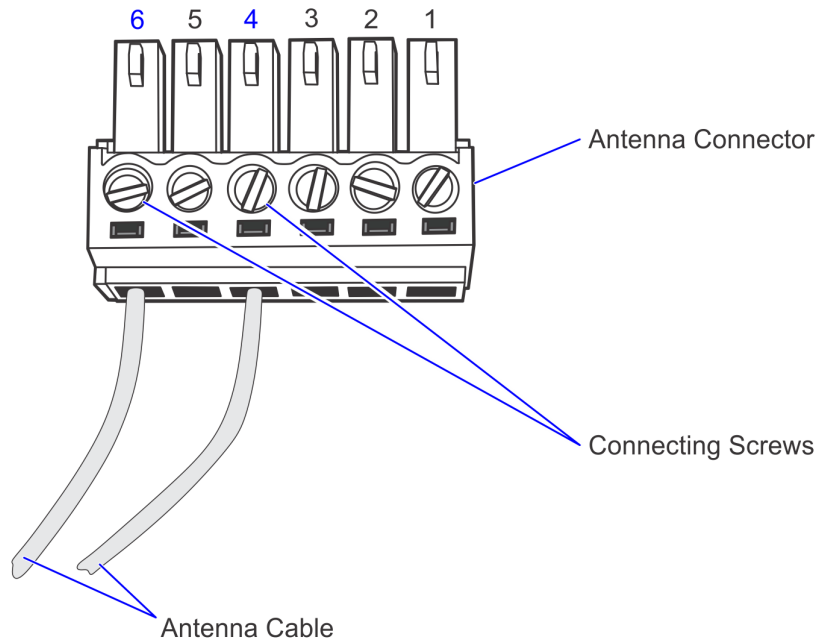


CCP-82079

- b. Connect the Antenna cables to **Pins 4 and 6** of the **Antenna connector** in the Controller. The Antenna Cable is an extension of the Checkpoint Antenna and consists of two white wires that are twisted together.

 **Note**

Use a small Flathead Screwdriver to loosen and tighten the two Connecting Screws.

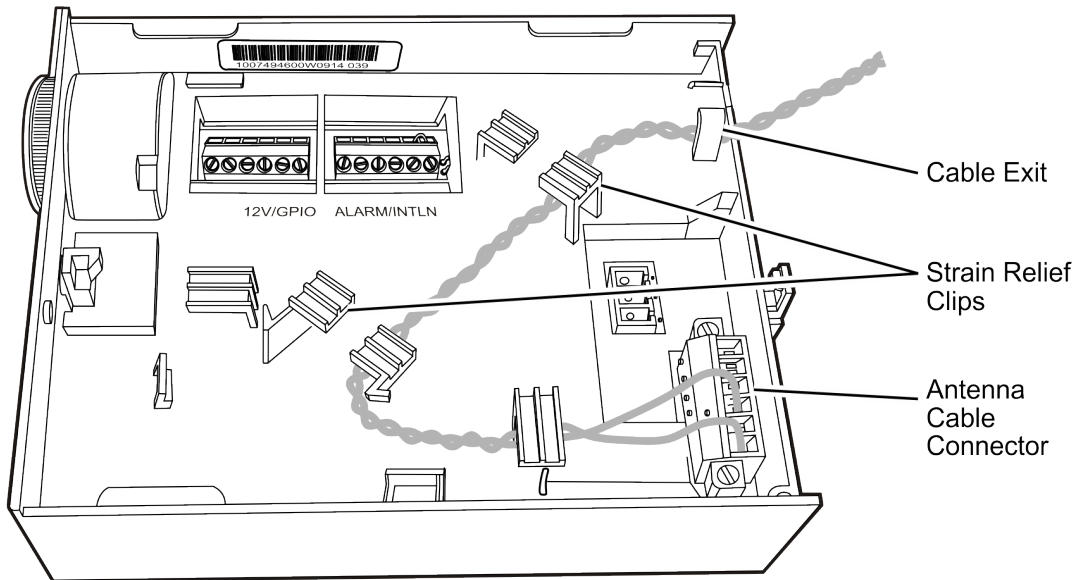


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- c. Route the Antenna Cable through the Cable Exit.

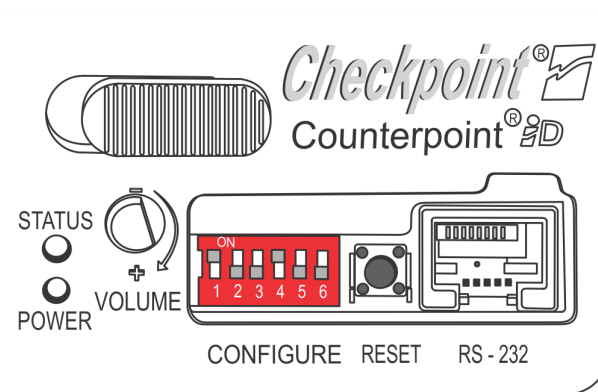
Note

Ensure to use the Strain Relief Clips to hold the cable in place.



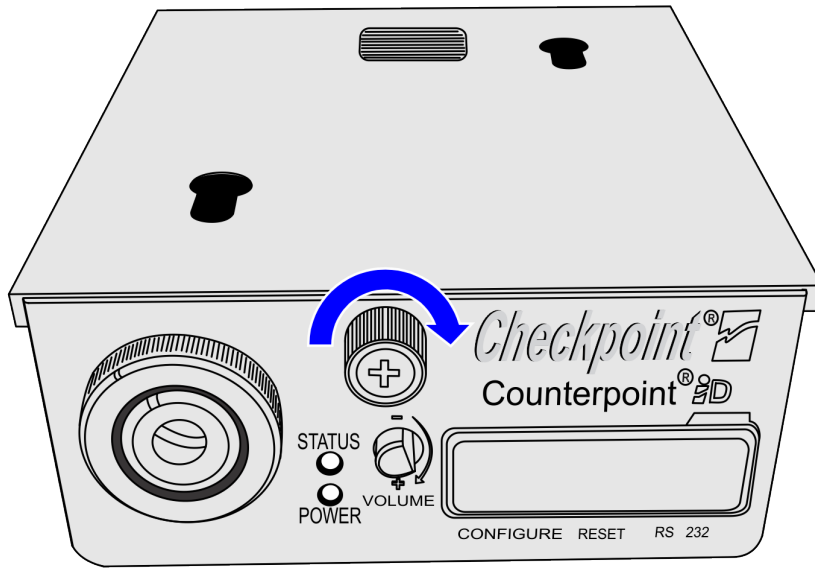
CCP-84834

- d. Connect the R6 Checkpoint cable to the **RS232** port of the Controller, as shown in the image below.



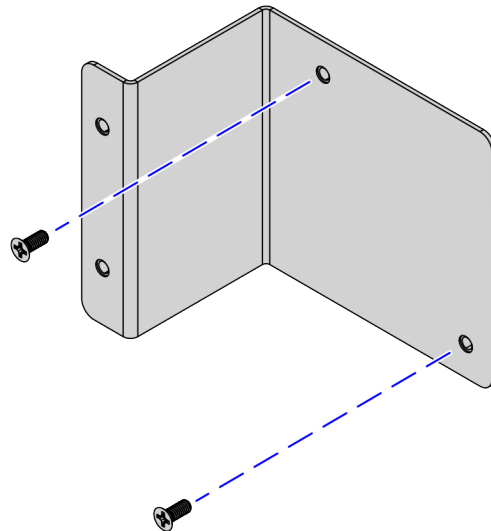
CCP-61672

- e. Slide the cover onto the Controller and turn the thumbscrew to the right to secure the cover.



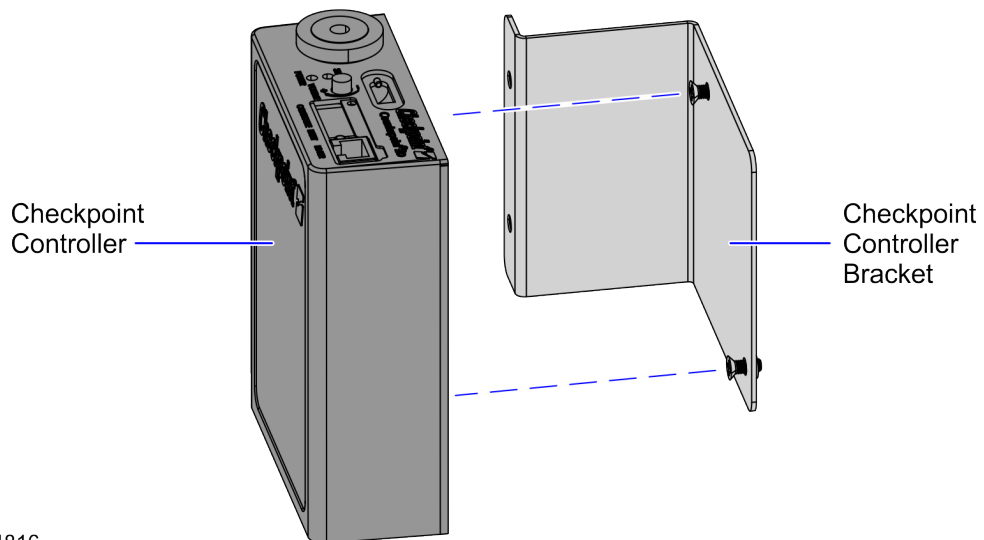
CCP-82080

4. Open the Pedestal Cabinet. For more information, refer to ["Opening the Pedestal Cabinet"](#) on page 11.
5. Fasten two (2) M4 halfway on the screw holes of the bracket, as shown in the image below.



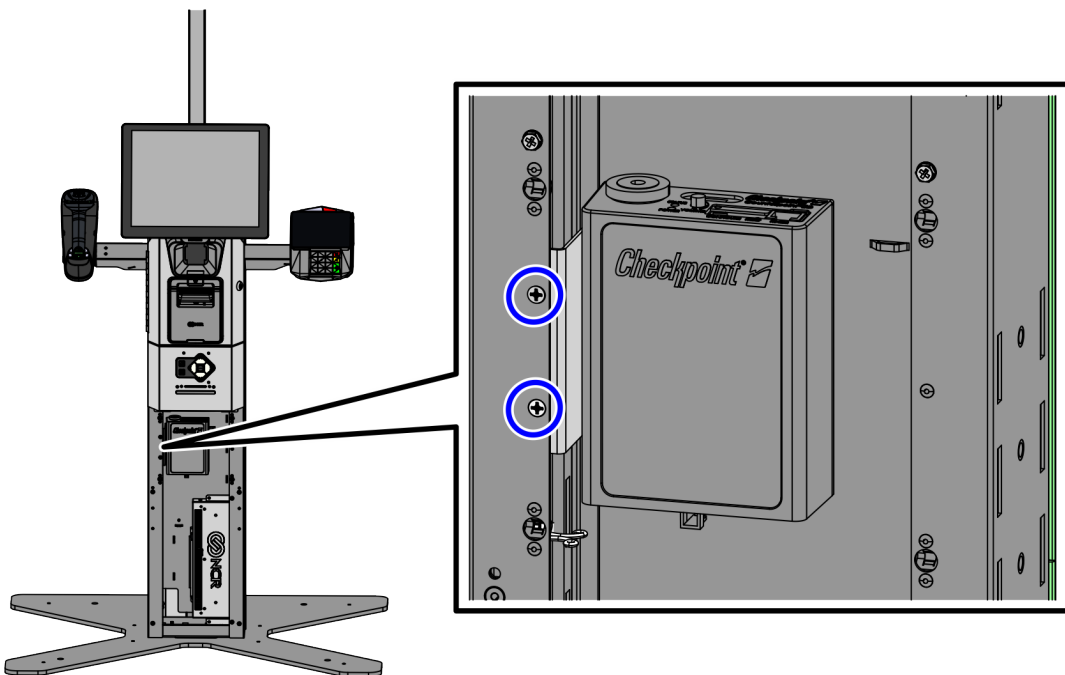
CCP-84815

6. Attach the Controller to the bracket by mounting its mounting holes on the two (2) flat head screws, as shown in the image below.



CCP-84816

7. Align the two (2) screw holes of the Checkpoint® Controller assembly to the screw holes of the Pedestal Cabinet frame, and then secure using two (2) M4 flat head screws.



CCP-84817

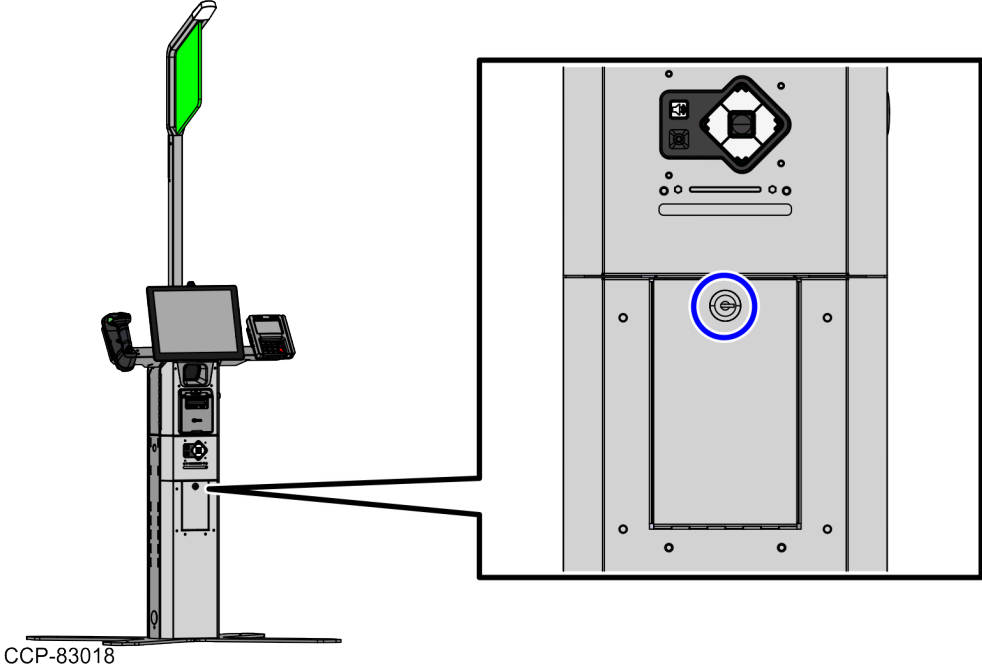
8. Route the Checkpoint® Controller cables. For more information, refer to ["Routing the Checkpoint® Controller cables"](#) on page 13.

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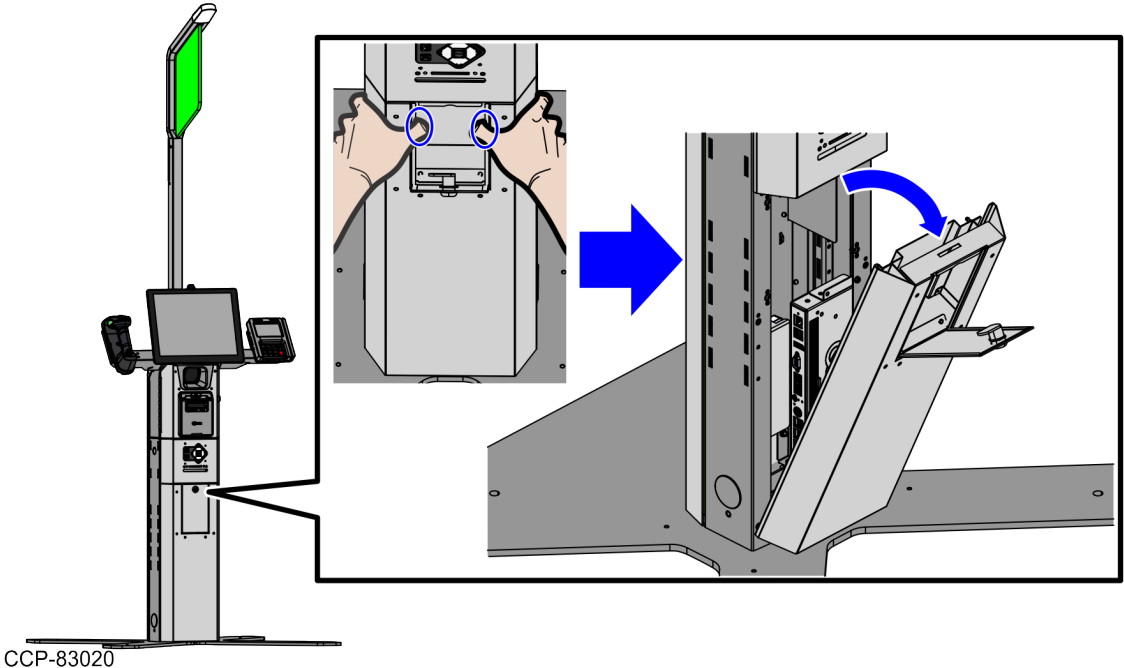
Opening the Pedestal Cabinet

To open the Pedestal Cabinet, follow these steps:

- 1. Unlock the Pedestal Door by opening the Coupon Bin door, as shown in the image below.



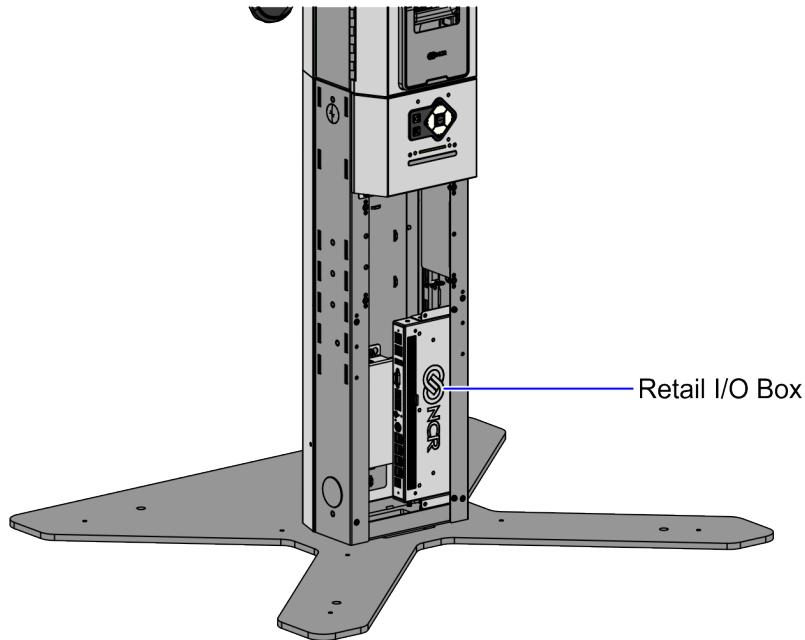
- 2. Hold the finger access hole at the top of the Pedestal Door and then slowly pull the door to disengage from the Pedestal Cabinet.



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Accessing the Retail I/O Box

To access the Retail I/O Box, open the Pedestal Cabinet. For more information, refer to ["Opening the Pedestal Cabinet"](#) on the previous page. The Retail I/O Box is located at right side of the Pedestal Cabinet.



CCP-84344

Routing the Checkpoint® Controller cables

To route the Checkpoint® Controller cables, follow these steps:

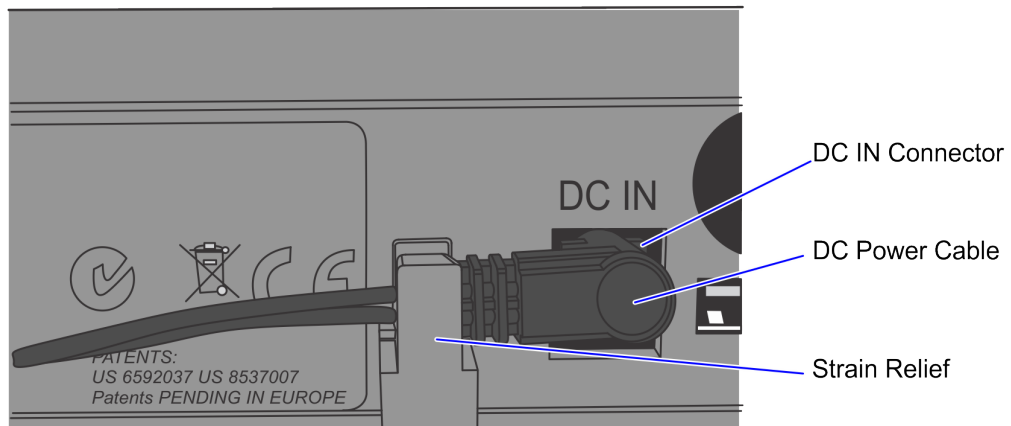
1. Do the following:
 - a. Route the R6 Checkpoint® cable and Antenna Extender Cable on the left side of the Pedestal Cabinet.
 - b. Continue routing the cables up to the Tower Cabinet.
 - c. Using a cable tie, bundle the excess cable at the left side of the Pedestal Cabinet.



Note

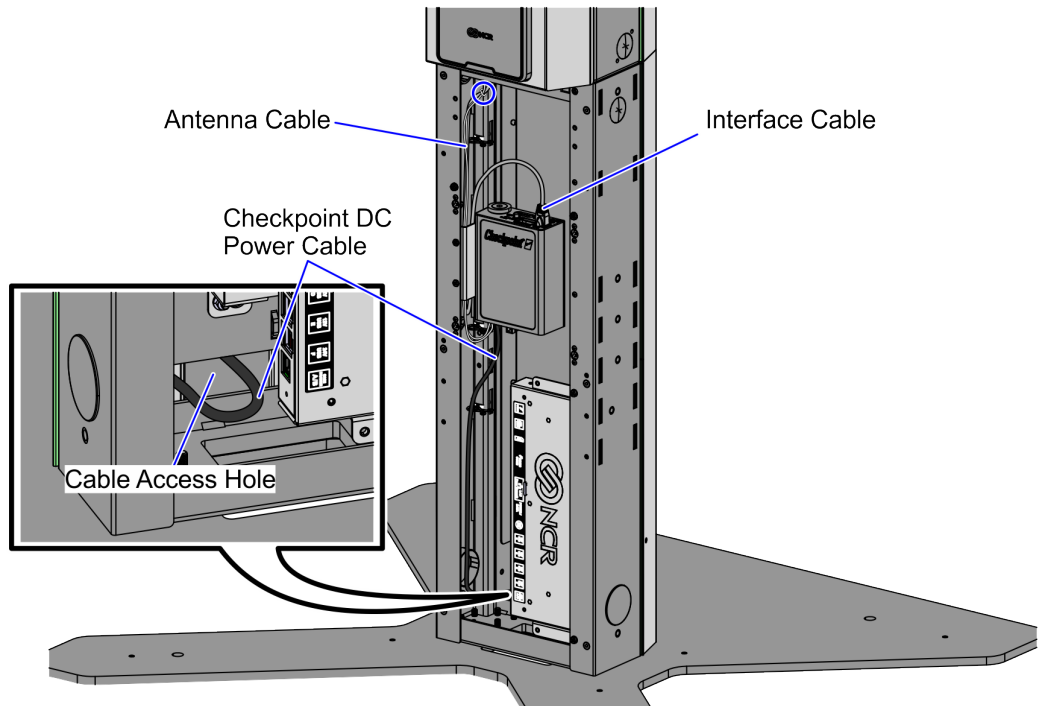
Do not bundle the Checkpoint® cables with the cables on the right side.

2. Do the following:
 - a. Connect the Checkpoint® DC Power cable to the **DC In Port** on the back of the Checkpoint® Controller and then secure the cable by sliding the jack behind the Strain Relief, as shown in the image below.



CCP-84850

- b. Route the power cable down and through the rear cable access hole.

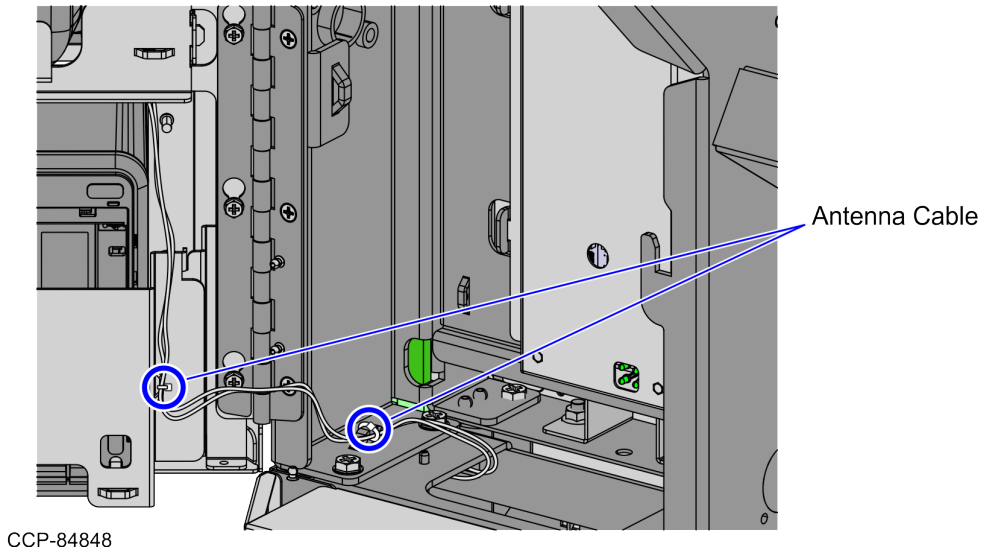


CCP-84818

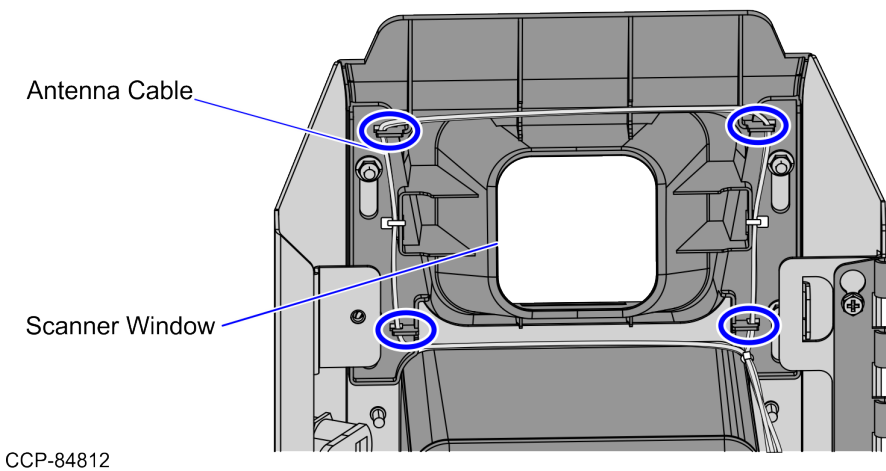
3. Remove the Single Window Scanner. For more information, refer to ["Removing the Single Window Scanner \(Datalogic Magellan 1500i\)"](#) on page 25.

4. Do the following:

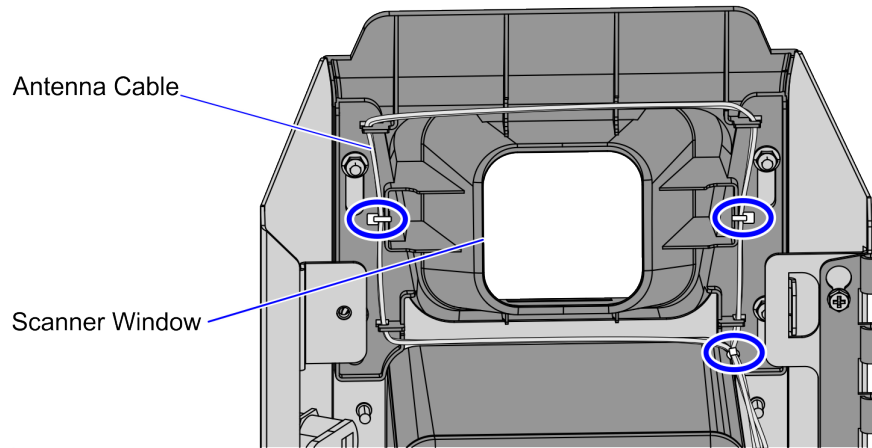
- a. Secure the Antenna Extender Cable on the bridge lance and with the Receipt Printer cable, as shown in the image below.



- b. Route the Antenna Extender Cable up to the Single Window Scanner.
- c. Loop the Antenna cable around the Scanner Window using the four (4) hook tabs as guide.



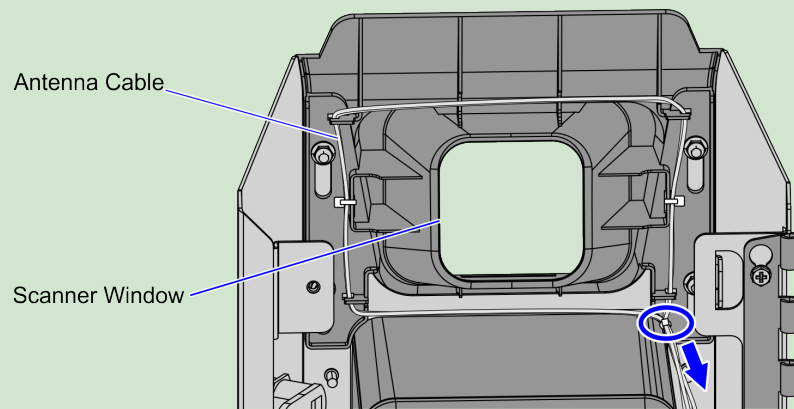
d. Secure the Antenna cable using two (2) cable ties, as shown in the image below.



CCP-84813

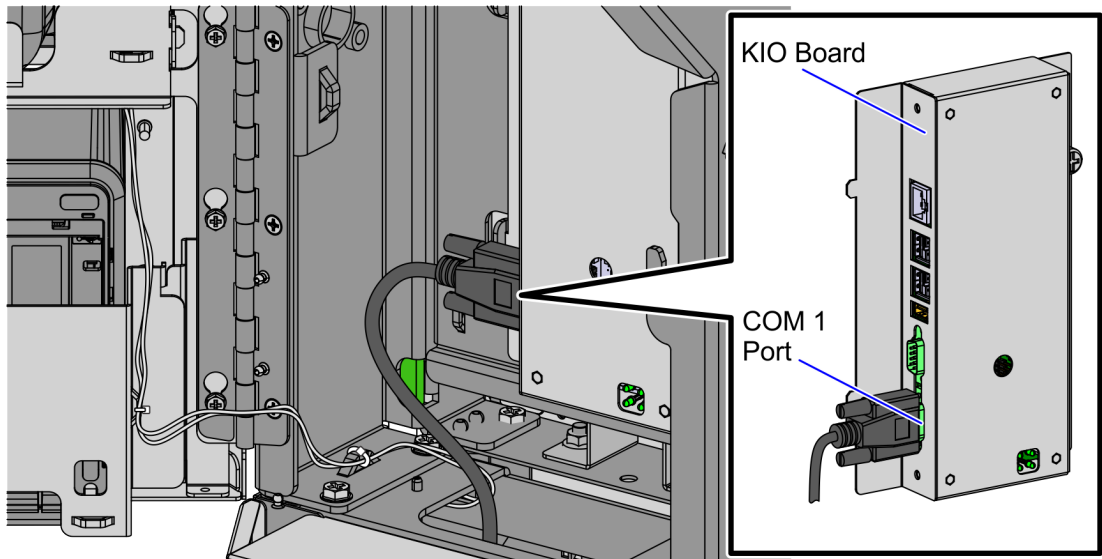
 **Note**

If the cable loop is too tight, pull the cable tie on the lower right side downward, and then adjust the loop.



CCP-84814

5. Connect the Checkpoint® cable to the **COM Port 1** of the KIO Board, as shown in the image below.

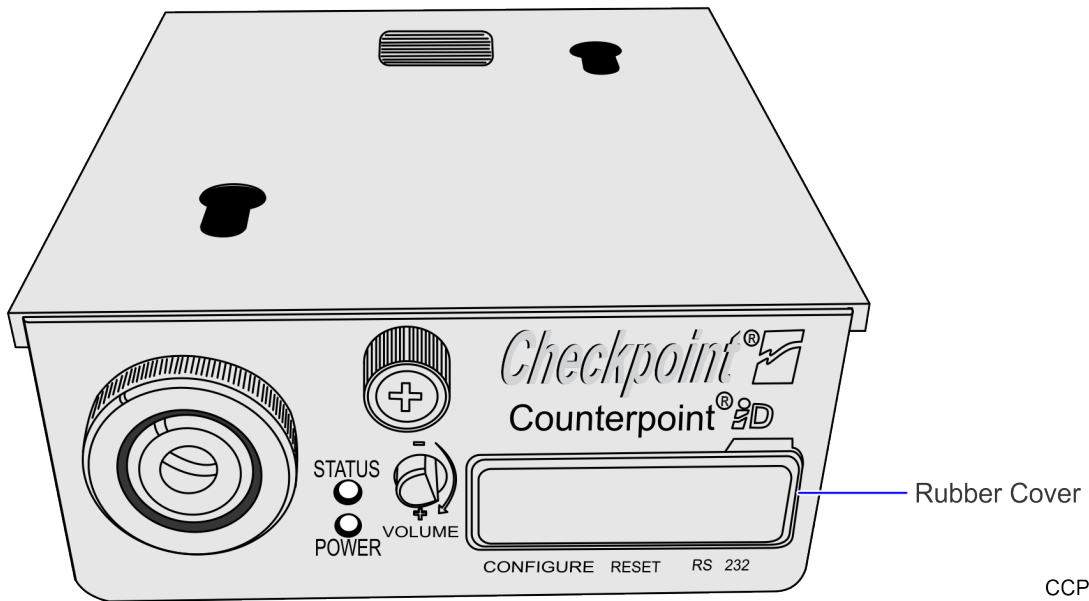


CCP-84849

Verifying the Checkpoint® Controller DIP Switch Settings

To verify the Checkpoint® Controller DIP Switch Settings, follow these steps:

1. From the Checkpoint® Controller, remove the Rubber Cover to access the DIP Switches.

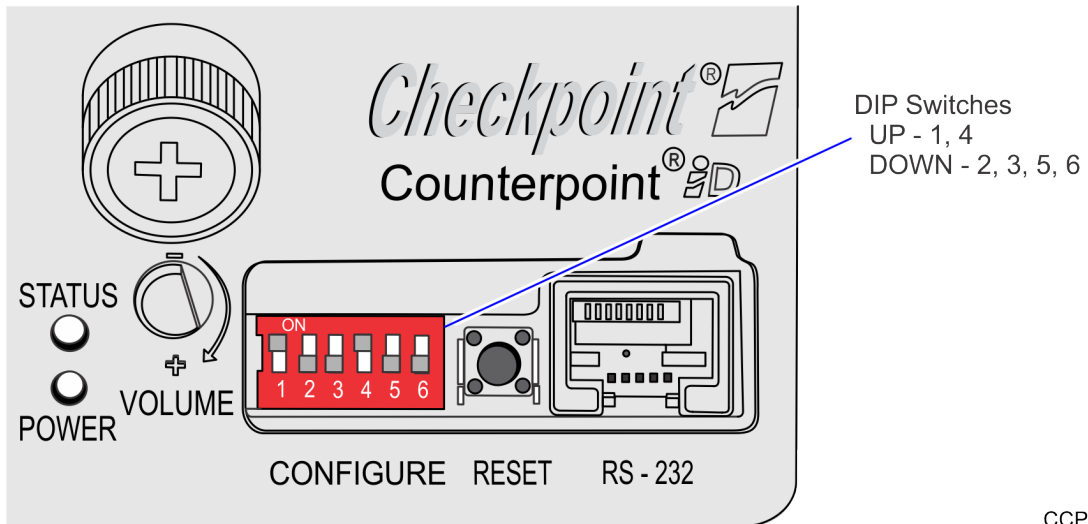


CCP-82082

2. Verify that the DIP Switches are set, as shown in the image below.

Note

Settings of the DIP Switches vary depending on the type of security label to be deactivated.



3. Tune the antenna. For more information, refer to ["Tuning the Checkpoint® Antenna"](#) on the next page.

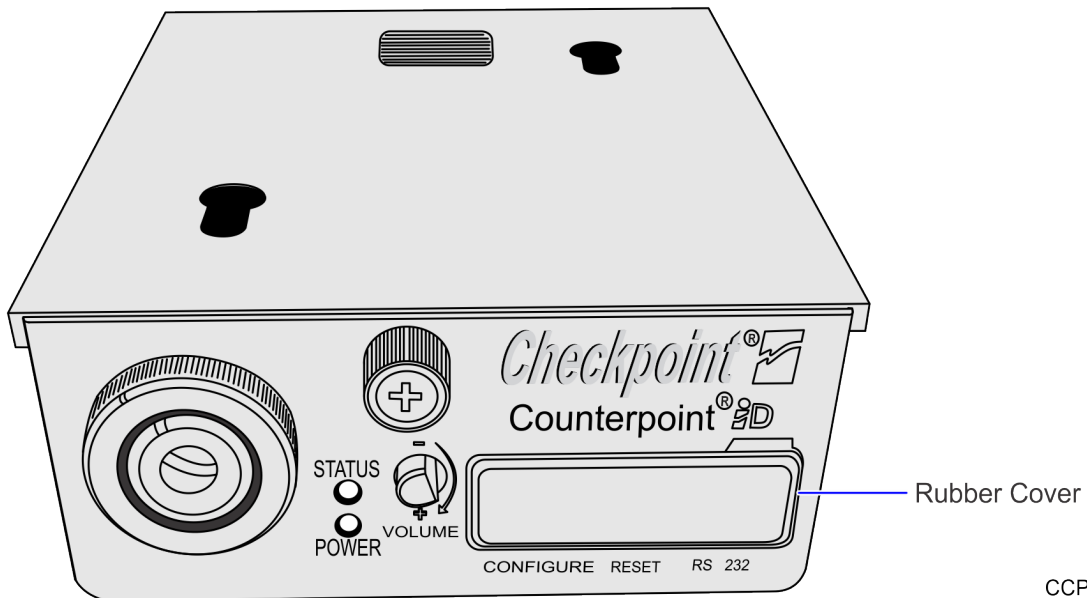
Note

This step requires power and is performed later in the system installation process. Ensure that the antenna is tuned before using the Checkpoint® system.

Tuning the Checkpoint® Antenna

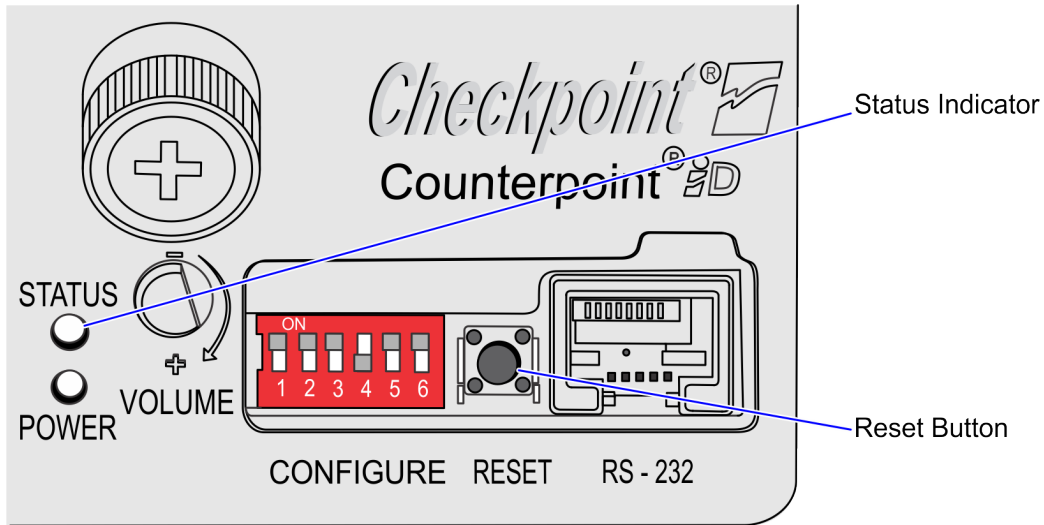
To tune the Checkpoint® Antenna, follow these steps:

1. Verify that the Self-Checkout system and the Checkpoint® Controller are turned on.
2. From the Checkpoint® Controller, remove the Rubber Cover to access the Reset button.



CCP-82082

3. Behind the rubber cover panel, press the **Press the Reset** button. A clicking noise indicates that the controller is tuning the antenna. When the Antenna and Controller are tuned, the Status LED turns off. Only the green power light should be illuminated.



CCP-82084

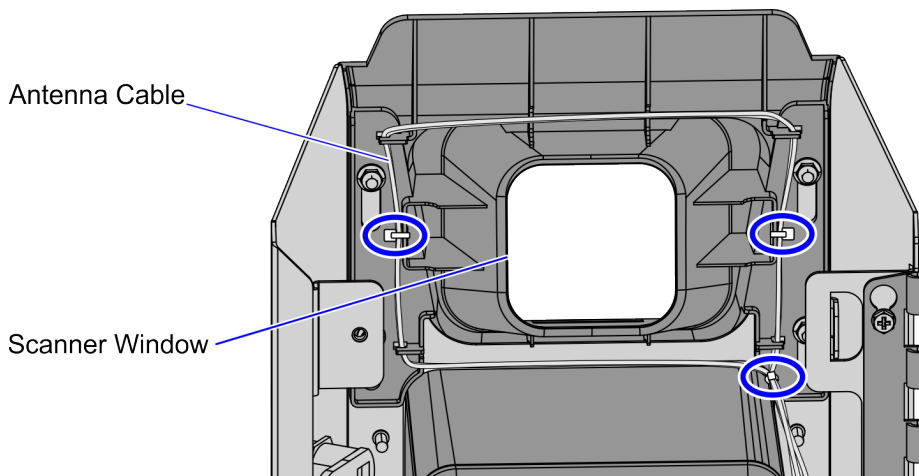
Note

When the Status LED is Violet, immediately press the **Press the Reset** button again to tune the Antenna. If the Status LED is Blue, the Antenna and Controller were not successfully tuned. Press the **Press the Reset** button again.

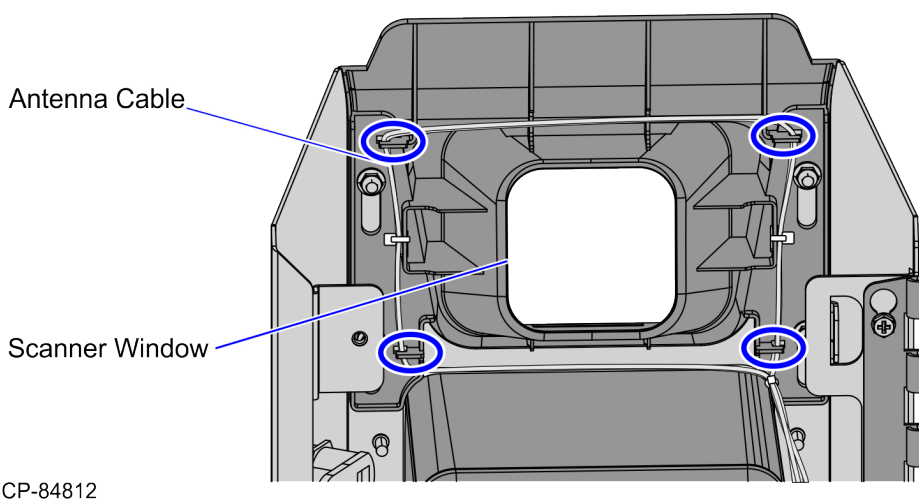
Removing the Checkpoint® Controller

To remove the Checkpoint® Controller, follow these steps:

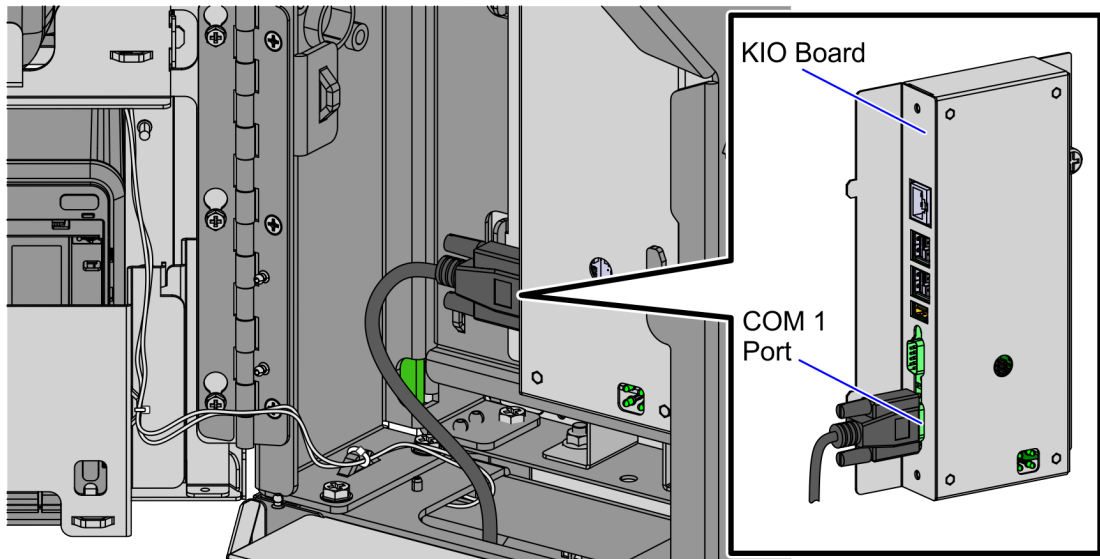
1. Turn off the Self-Checkout hardware and software systems.
2. Open the Pedestal Cabinet. For more information, refer to "[Opening the Pedestal Cabinet](#)" on page 11.
3. Remove the Single Window Scanner. For more information, refer to "[Removing the Single Window Scanner \(Datalogic Magellan 1500i\)](#)" on page 25.
4. Remove the two (2) cable ties to detach the Antenna Extender Cable from the Scanner window, as shown in the image below.



5. Untangle the Antenna Extender Cable from the four (4) hook tabs of the Scanner Window, as shown in the image below.

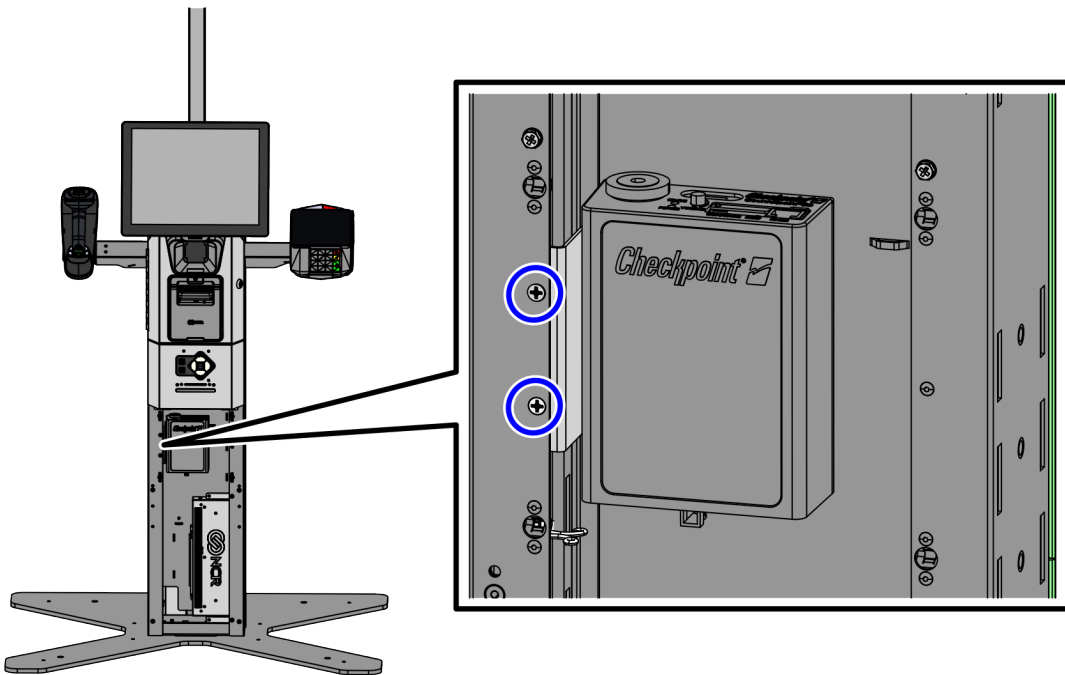


6. Disconnect the Checkpoint® cable from the **RS232 COM Port 1** of the KIO Board, as shown in the image below.



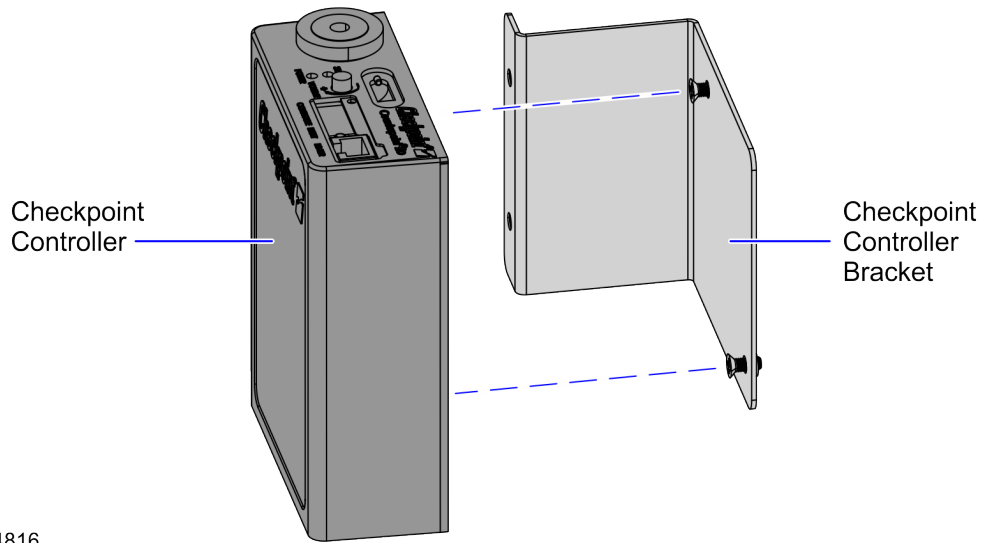
CCP-84849

7. Remove two (2) screws to detach the Checkpoint® Controller assembly from the Pedestal Cabinet frame, as shown in the image below.



CCP-84817

8. Detach the Checkpoint® Controller from the bracket, as shown in the image below.

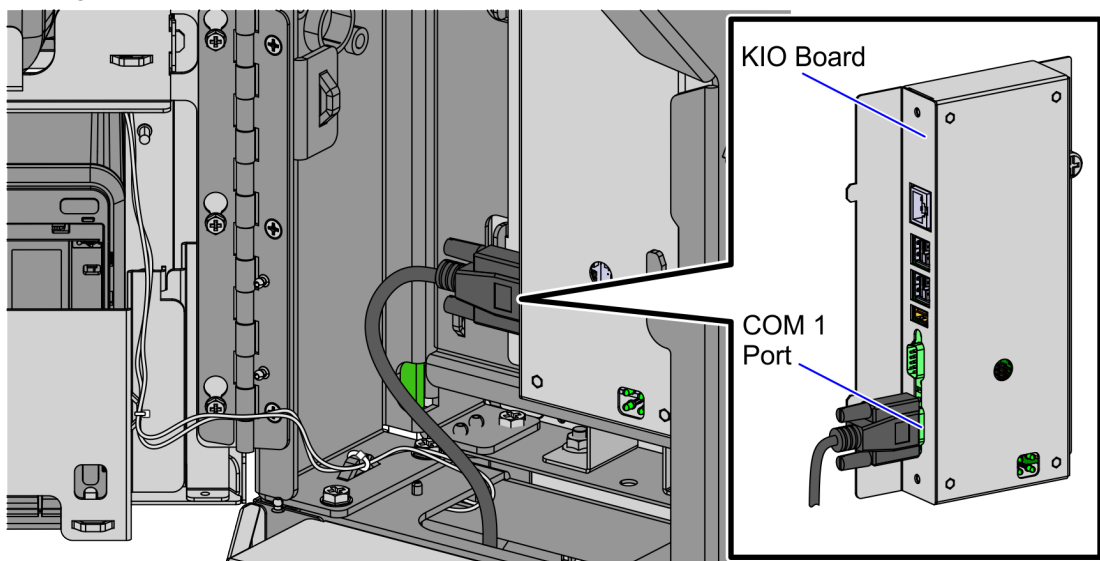


CCP-84816

Removing the Single Window Scanner (Datalogic Magellan 1500i)

To remove the Single Window Scanner, follow these steps:

1. Turn off the Self-Checkout hardware and software systems.
2. Access the Retail I/O Box. For more information, refer to "[Accessing the Retail I/O Box](#)" on page 12.
3. Disconnect the Checkpoint® cable from the **COM 1 Port** of the KIO Board, as shown in the image below.

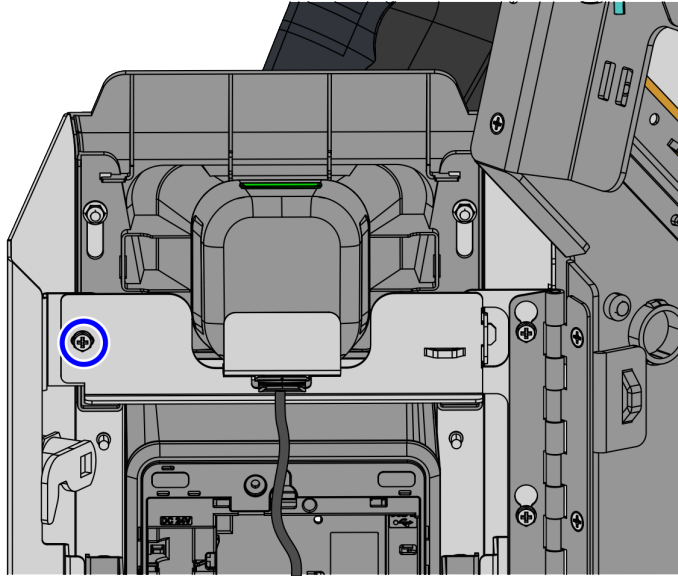


CCP-84849

4. Cut the cable tie to detach the cable from the Tower Cabinet door.

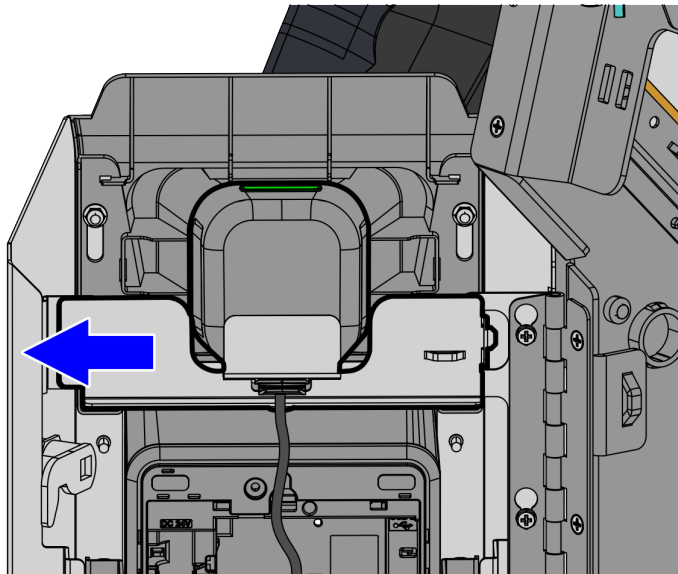
5. Do the following:

- a. Remove one (1) screw to detach the Single Window Scanner assembly from the Tower Cabinet door, as shown in the image below.



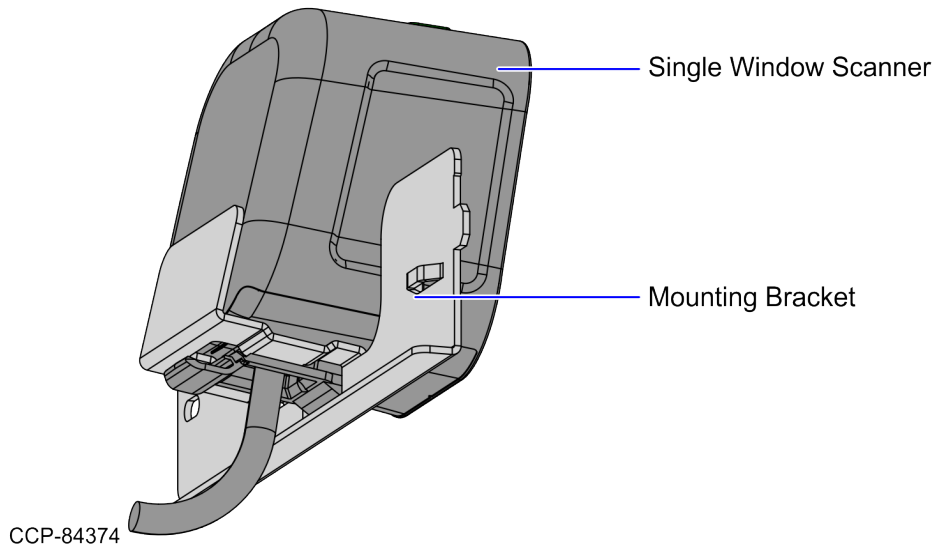
CCP-84372

- b. Slide the Single Window Scanner assembly to the left to disengage its tab from the slot of the Tower Cabinet door.



CCP-84373

6. Pull out the Single Window Scanner and its cable from the cable hole of the mounting bracket.



7. Insert a thin tool or a paper clip into the release hole of the Single Window Scanner to disconnect the cable, as shown in the image below.

