Kit Instructions

SCN66 USB Cash Acceptor Upgrade

7350-K917
Issue A

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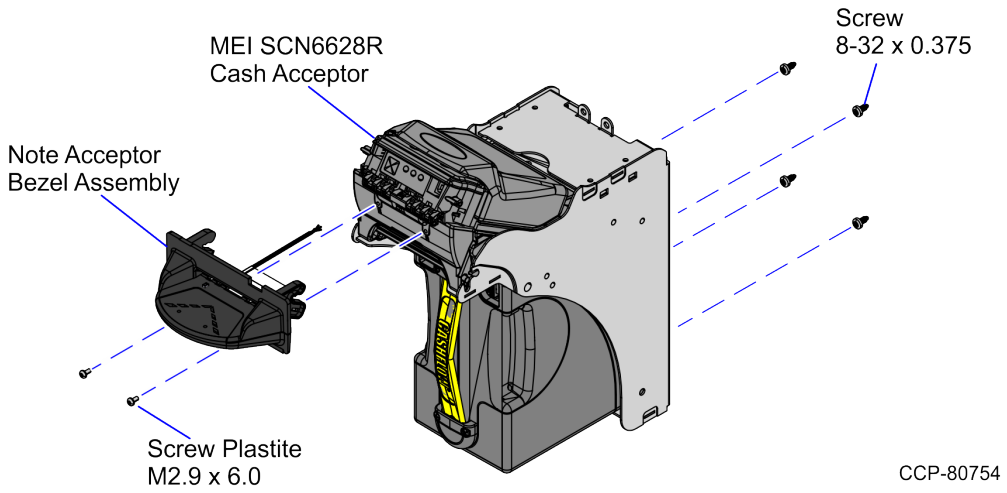
Revision Record

Issue	Date	Remarks
A	Jul 2021	First Issue

SCN66 USB Cash Acceptor Upgrade

This publication provides procedures for upgrading the existing Cash Acceptor of an NCR SelfServ™ Checkout (7350) unit with an SCN66 USB Cash Acceptor.

Kit Contents



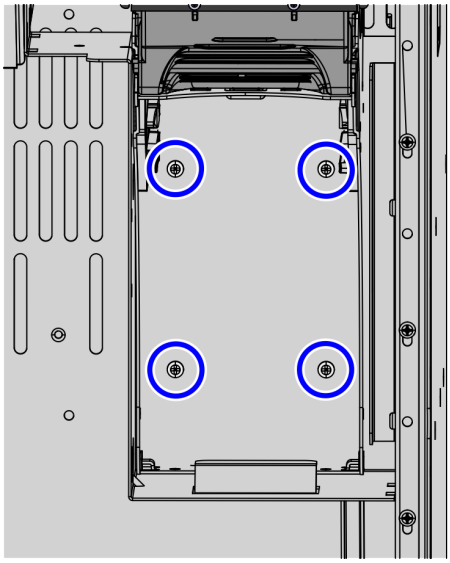
	Part Number	Description
	497-0530746	7350-K917 Kit, SCN66 USB Cash Acceptor Upgrade
	497-0522980	MEI SCN6628R Cash Acceptor Assembly
	497-0501258	Note Acceptor Bezel Assembly - 66 mm
*	497-0476727	Cable - Cash Acceptor (12 POS TO 3 POS, MATE-N-LOK, 133 in)
*	009-0021034	Cable Assembly - USB Type A to Type B - High Speed (480 Mbps) - 4000 mm 28/22
	007-7023310	Screw Plastite M2. 9 x 6.0 (2 pcs)
	006-8612446	Screw - 8-32 x 0.375 in Phil Pan, Self Tapping - Type F (4 pcs)
*	497-0505366	MEI Firmware: SCN6628R United States Variant File 510075323
*	497-0423108	Instructions Kit (Reference Sheet)

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

Installation Procedures

To upgrade the existing SC (Serial) Cash Acceptor to SCN66 USB Cash Acceptor, follow these steps:

1. Turn off the NCR SelfServ Checkout software and hardware systems.
2. Unlock and open the NCR SelfServ Checkout door. For more information, refer to *Opening Core Door* on page 4.
3. Remove the following components:
   a. *Removing Cash Box* on page 6.
   b. *Removing Cash Acceptor* on page 7.
4. Detach and discard the four (4) screws to remove the existing Cash Acceptor chassis from the shelf, as shown in the image below.



CCP-80753

5. Remove the existing cables. For more information, refer to *Removing Cables* on page 9.
6. Install the new Cash Acceptor chassis by doing the following:

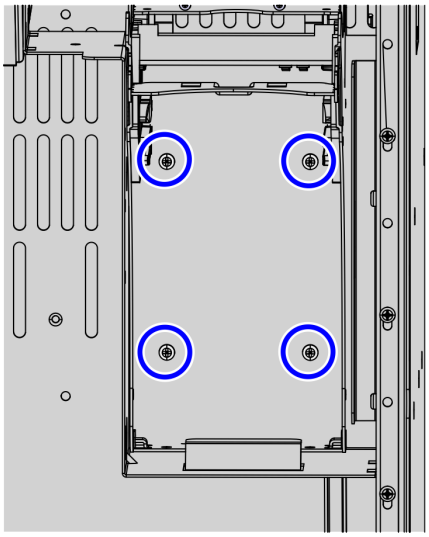
Note: Use the new set of screws included in the *7350-K917 SCN66 USB Cash Acceptor Upgrade*.

   a. Attach two (2) screws to the upper right and lower left slots of the shelf.

Note: Ensure not to tighten them yet. This is to temporarily hold the chassis in place upon mounting.

   b. Mount the Cash Acceptor Chassis onto the two (2) screws, and then attach another two (2) screws on the upper left and lower right slots.

c. Tighten all four (4) screws securing the Cash Acceptor Chassis to the shelf.



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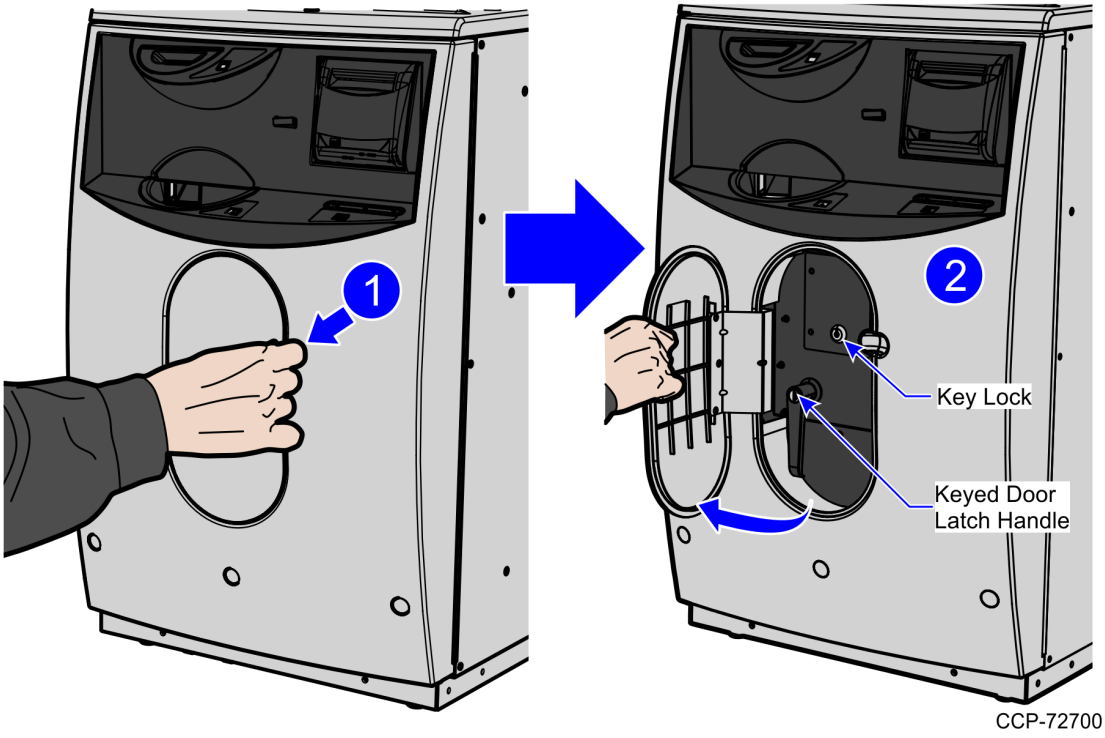
7. Do the following:
   a. Route the SCN Cash Acceptor Cables. For more information, refer to *Routing Cables* on page 11.
   b. Install the SCN66 Cash Acceptor. For more information, refer to *Installing SCN66 Cash Acceptor* on page 20.
   c. Install the SCN66 Cash Box. For more information, refer to *Installing Cash Box* on page 21.
   d. Close and lock the Cash Acceptor security door.
8. Close and lock the NCR SelfServ Checkout door. For more information, refer to *Closing the Core Door* on page 22.
9. Turn on the NCR SelfServ Checkout software and hardware systems.
10. Run the CADD/ADD Configuration Utility to ensure that the device is updated with the latest firmware.

Opening Core Door

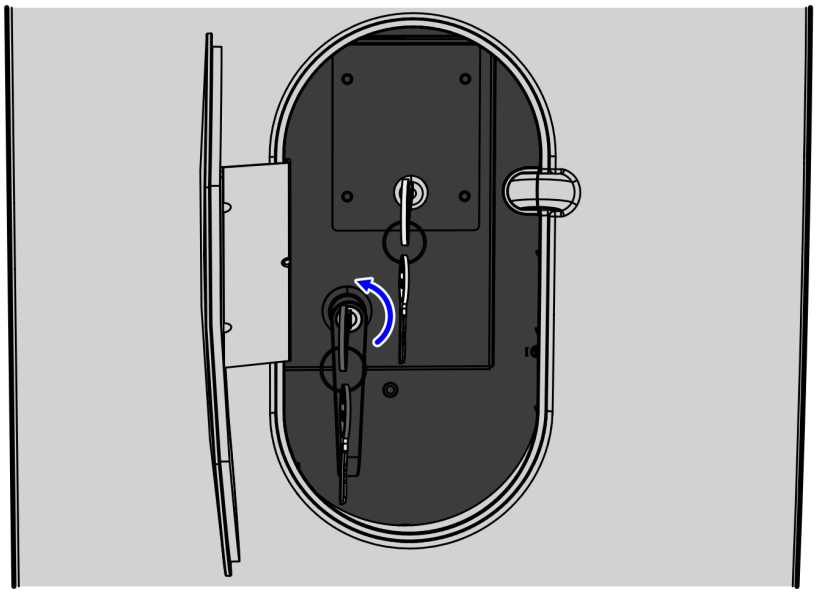
To open the Core Door, follow these steps:

1. Use the finger access on the small door to access the door locks, as shown below:



CCP-72700

2. In the middle keyhole, insert a key.
3. In Door Latch Handle keyhole, insert a key and then turn it counterclockwise.



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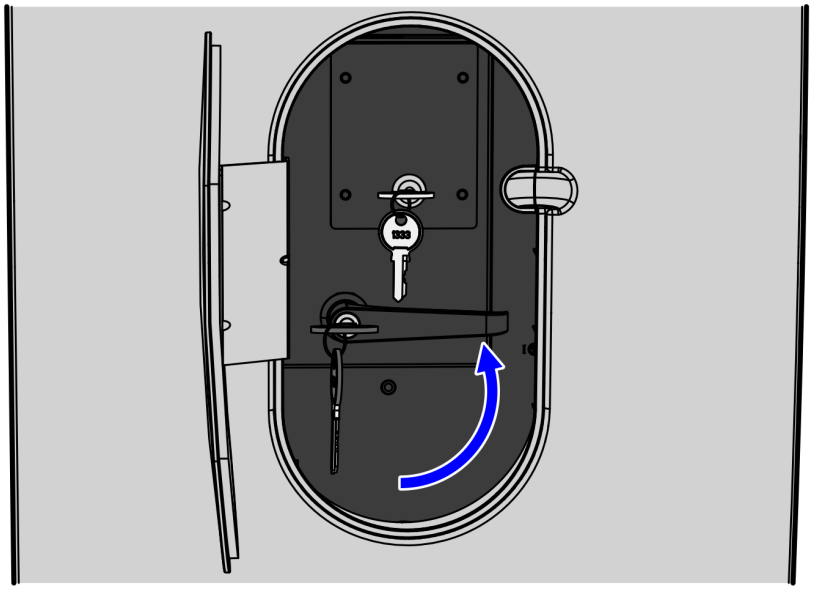
4. Turn the Door Latch Handle upward and then pull to open the Core Door.



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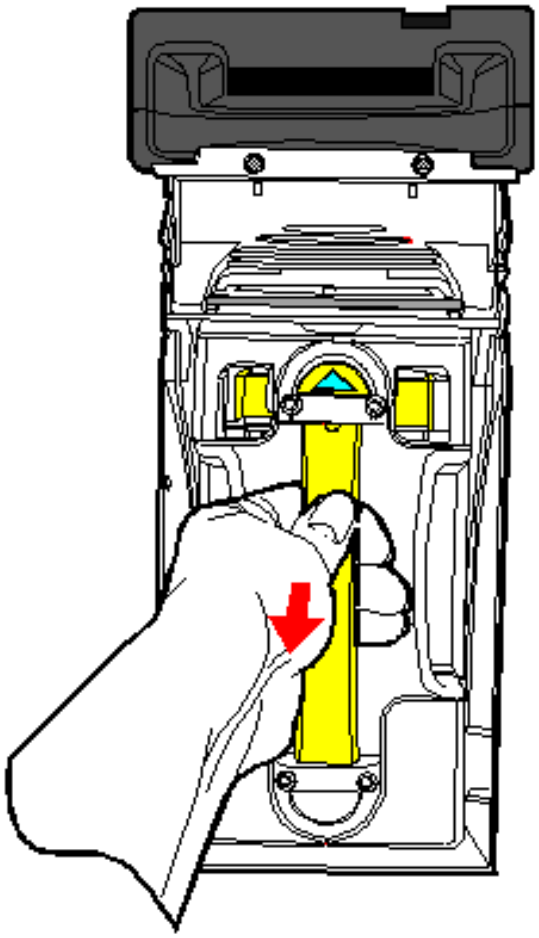
Removing Cash Box

To remove the Cash Box, follow these steps:

1. Unlock and open the Cash Acceptor internal security door.
2. Grasp the handle on the front of the Cash Box and pull it out of the unit.

Note: Ensure to hold the Cash Box as you slide it out of the unit.

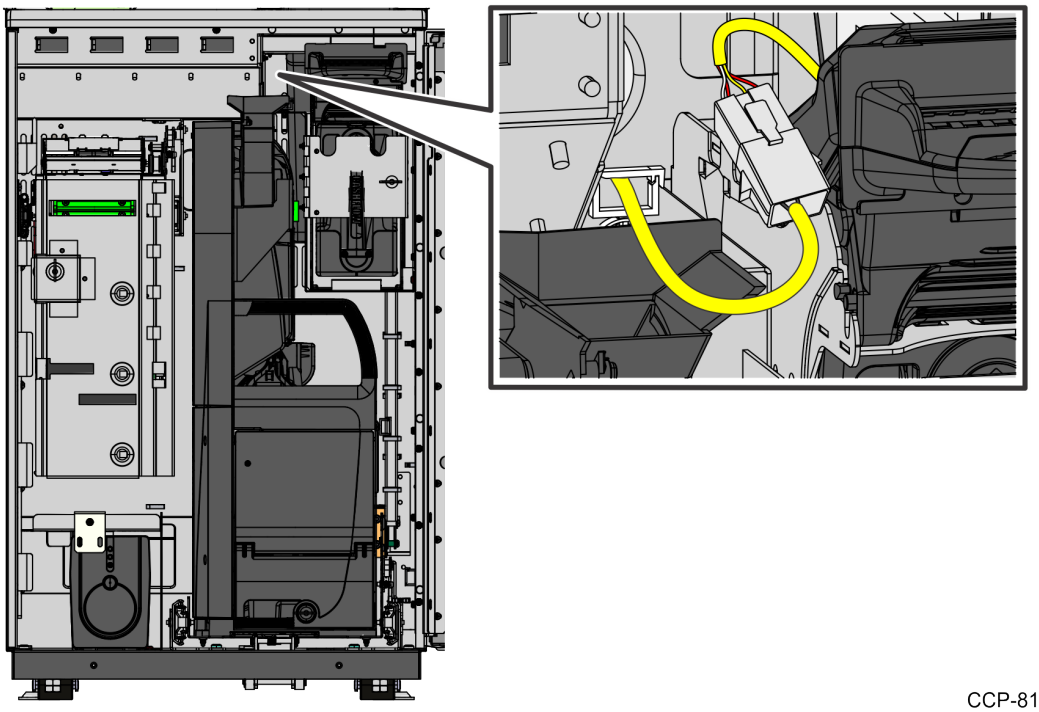


27534

Removing Cash Acceptor

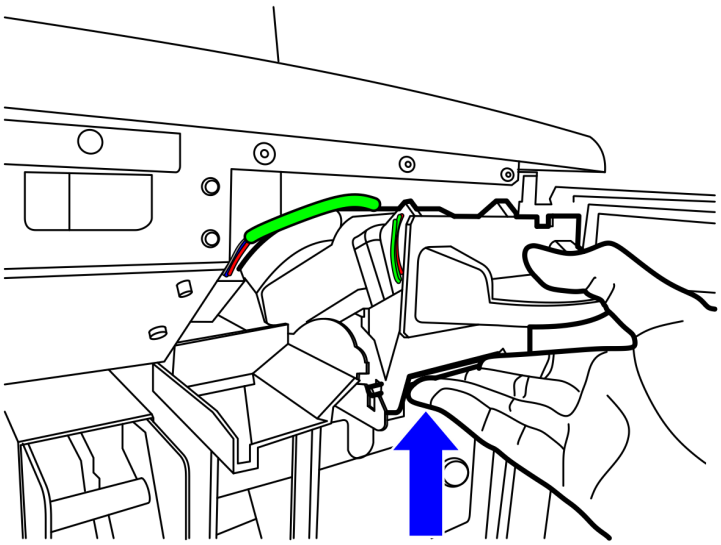
To remove the Cash Acceptor from the Cash Acceptor Chassis, do the following:

1. Disconnect Serial Y-cable from the SC66 Cash Acceptor cable, as shown in the image below.



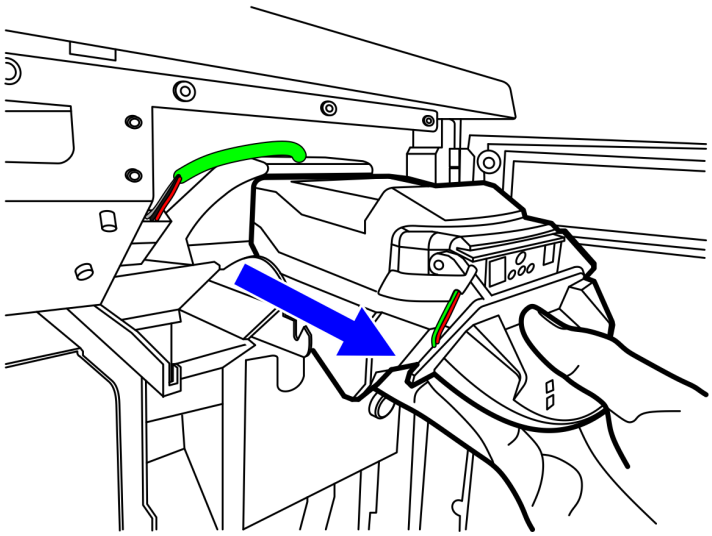
CCP-81023

2. Free the Acceptor Module from the Cash Acceptor Chassis by pushing up on the release lever.



CCP-71565

3. Slide the Acceptor Module forward and out of the Cash Acceptor Chassis.

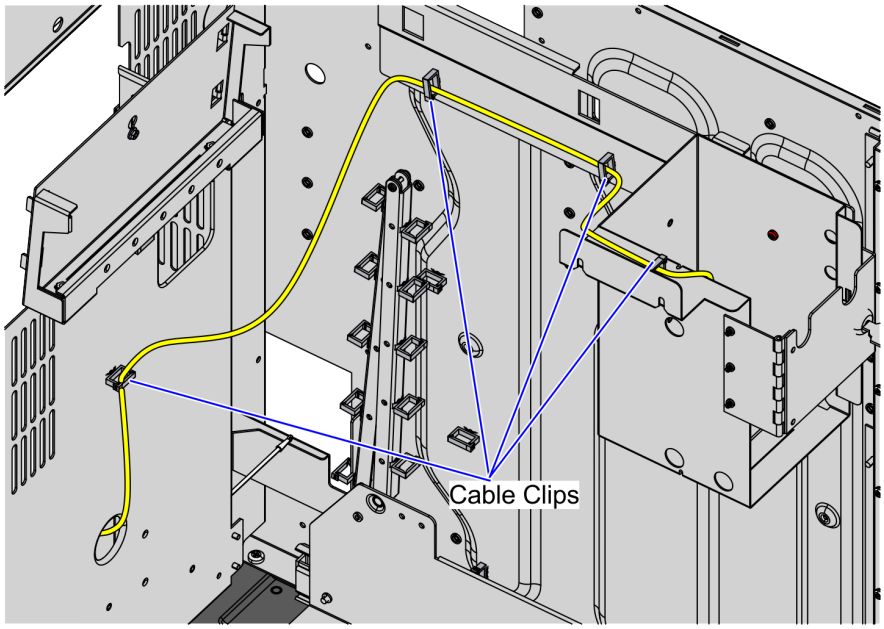


CCP-71566

Removing Cables

To remove the SC66 Cash Acceptor serial cable, follow these steps:

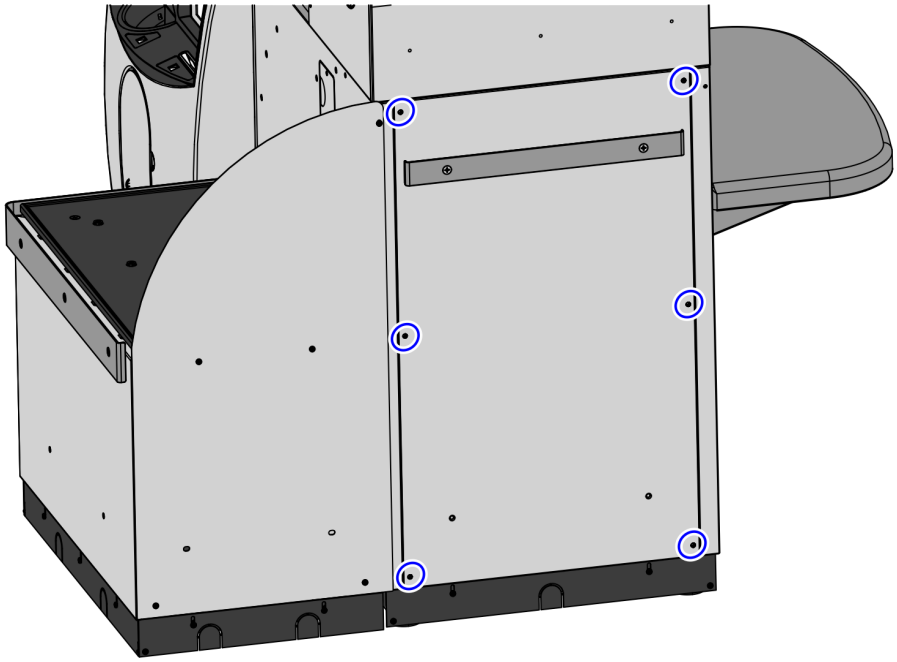
1. Detach the Serial Y-cable from the four (4) cable clips located at the core wall, as shown in the image below.



CCP-81025

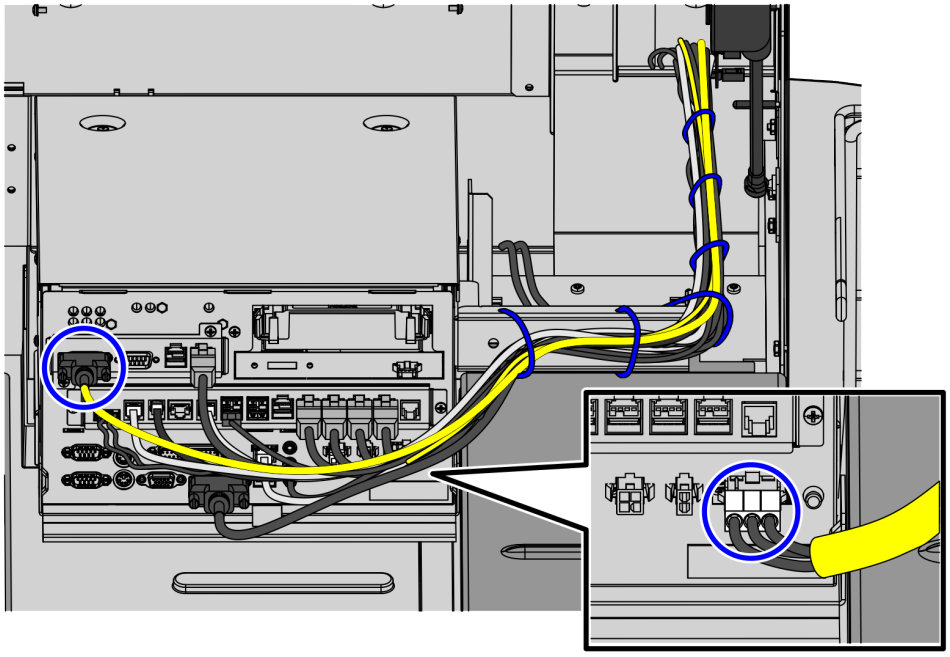
2. Detach the rear Core panel by removing six (6) screws to access the main cable bundle.

Note: For the purpose of illustration only, the image below shows a 1-Bag Bagwell configuration.



CCP-77340

3. Feed the cables through the access hole on the core wall so that the cables go to the rear channel.
4. Open the Upper Cabinet Door. For more information, refer to *Opening Upper Cabinet Door* on page 14.
5. Remove the Scanner/Scale. For more information, refer to *Removing Scanner/Scale* on page 15.
6. Tilt the E-Box Bracket forward to easily access the cable connections.
7. Disconnect the other ends of the Serial Y-cable from the corresponding E-Box ports:



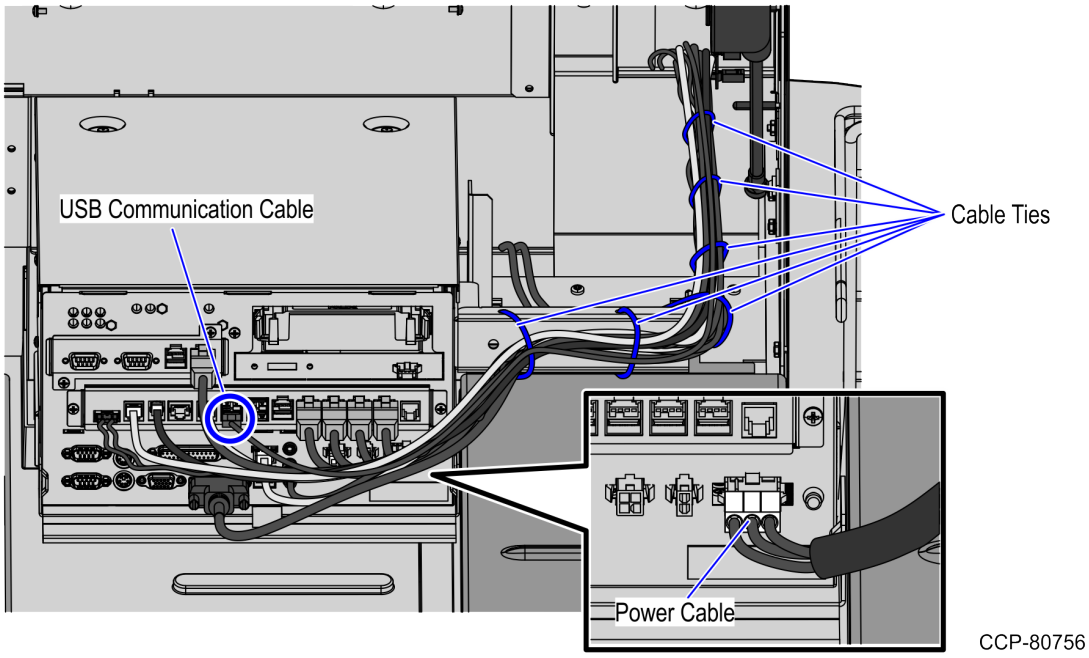
CCP-81024

8. Carefully remove the Serial Y-cable from the main cable bundles.

Routing Cables

To route the SCN66 Cash Acceptor cables, follow these steps:

1. Connect the Power and USB Communication cables to corresponding E-Box ports:
   - Connect the Power Cable to the **Cash Acceptor** port of the E-Box.
   - Connect the USB Communication cable to the **USB D** of the E-Box.

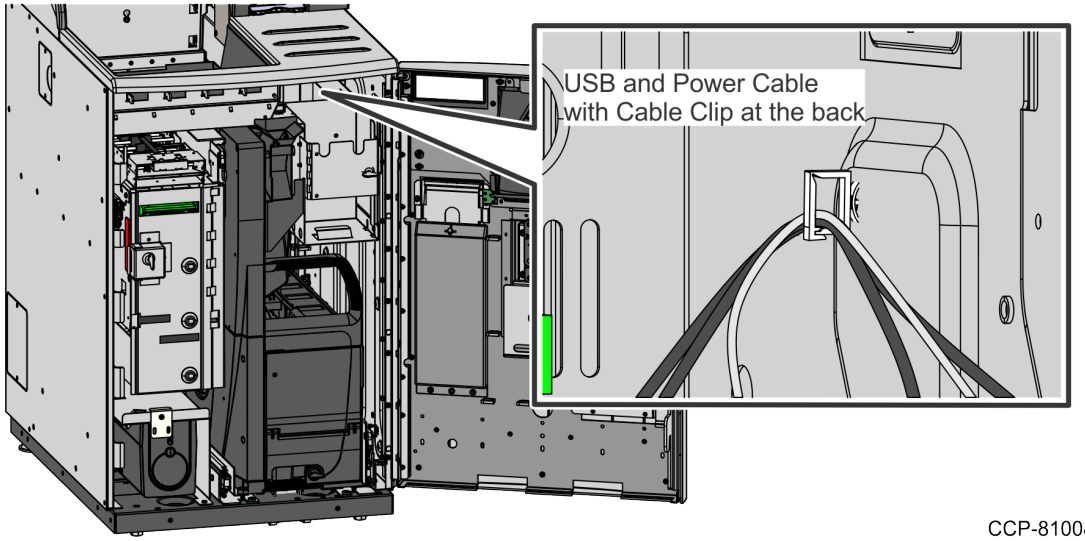


2. Secure the cables to the main cable bundle.

Note: Ensure that the cables do not get caught by the rotation of the E-Box.

3. Push down all cables to the rear part of the core unit.
4. Feed the USB and Power cables through the cable access hole of the core wall so that the cables enter the Core Cabinet.

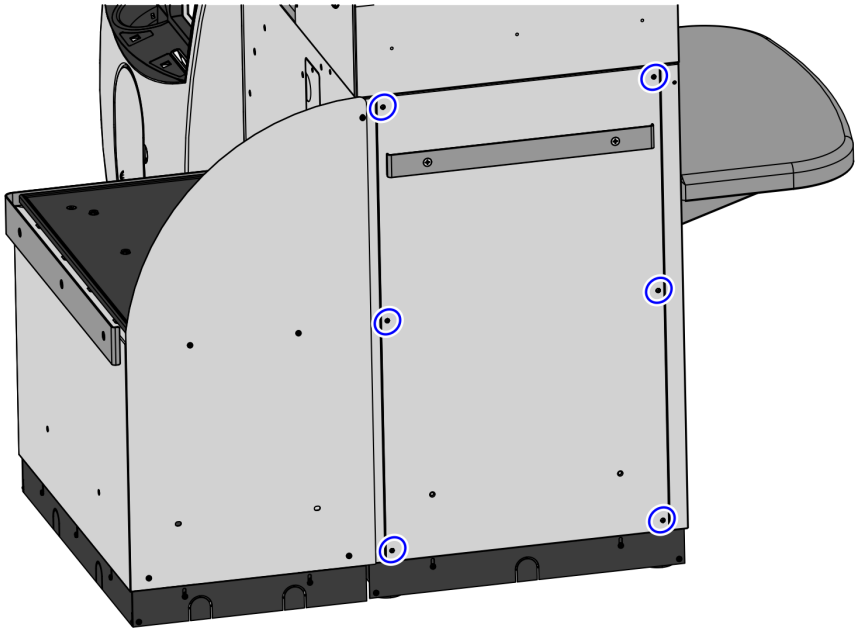
5. Secure the cables to the core wall using the reclosable clip, as shown in the image below.



CCP-81008

6. Route the cables up to the left side of the Cash Acceptor shelf and then secure on the reclosable clip.
7. Close the rear Core panel using six (6) screws.

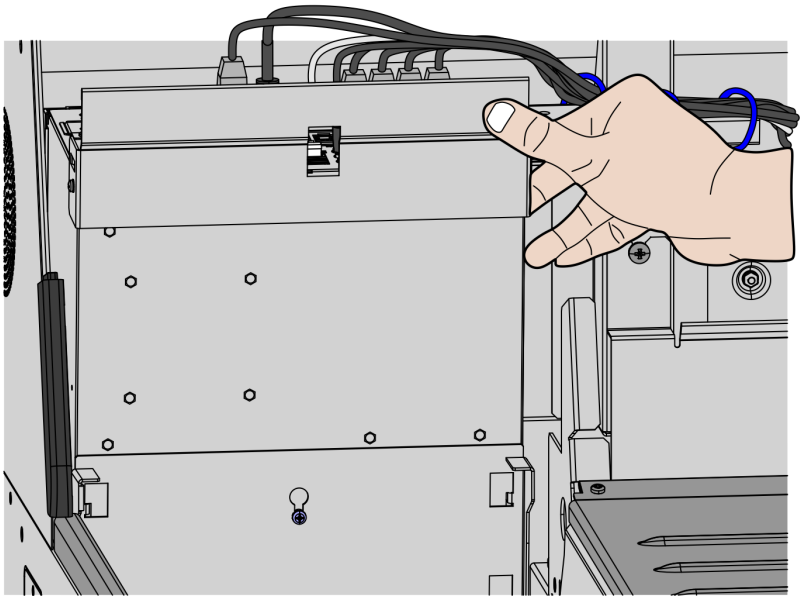
Note: For the purpose of illustration only, the image below shows a 1-Bag Bagwell Configuration.



CCP-77340

8. Raise and push the E-Box back to the closed position.

Note: Ensure that the cables are not caught by the rotation of the E-Box.



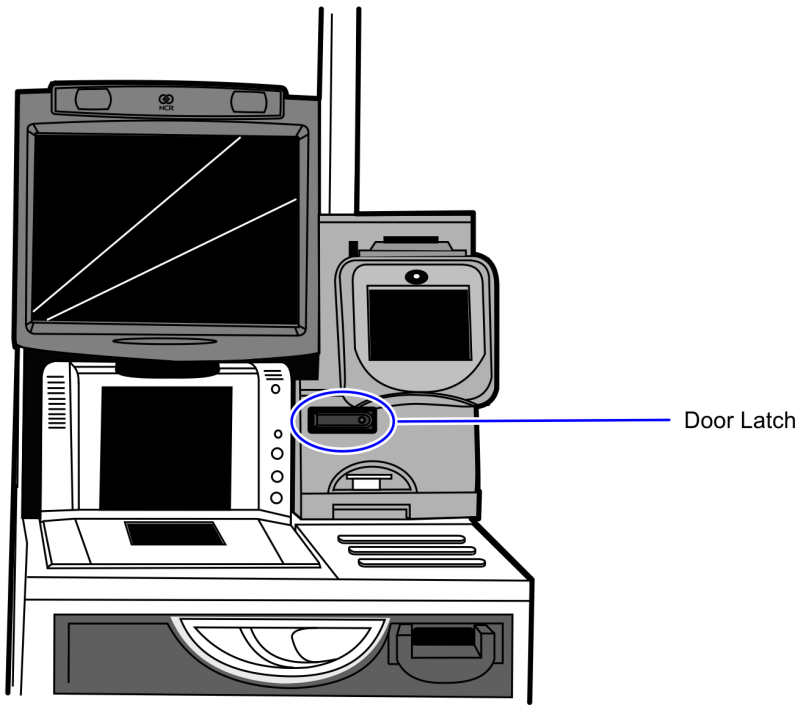
CCP-76744

9. Install the Scanner/Scale. For more information, refer to *Installing Scanner/Scale* on page 17.
10. Close the Upper Cabinet Door. For more information, refer to *Closing Upper Cabinet Door* on page 19.

Opening Upper Cabinet Door

To open the Upper Cabinet Door, follow these steps:

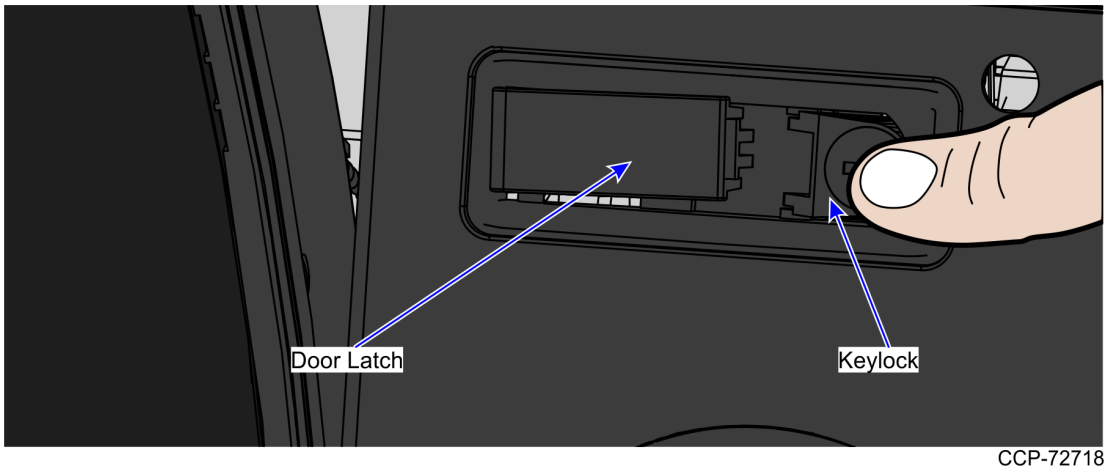
1. Insert key into lock on door latch and turn key counterclockwise.



CCP-70311

2. Remove key and then press the keylock to unlatch the door.

Caution: Ensure that the door is pushed down while lock is pressed because the door will automatically open.



CCP-72718

3. Lift the door open.

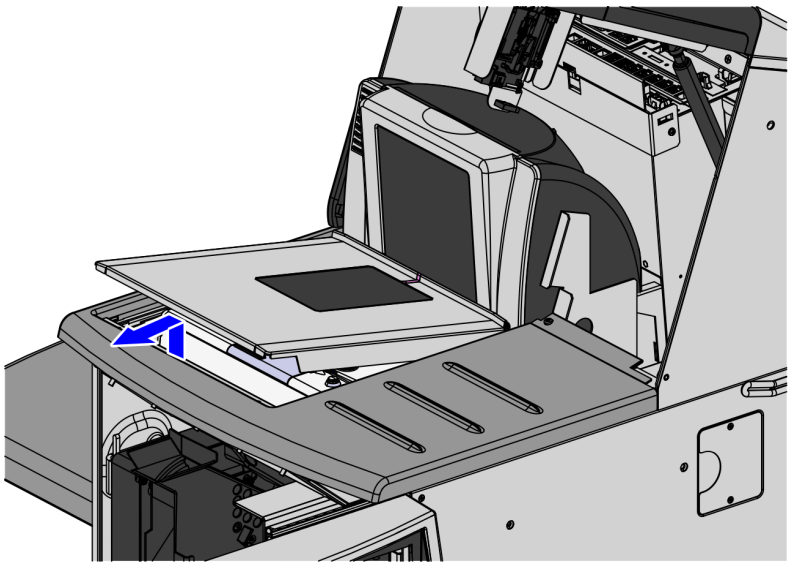
Removing Scanner/Scale

To remove the Scanner/Scale, follow these steps:

Note: For the purpose of illustration only, this procedure uses illustrations showing a NCR RealScan 78 Scanner/Scale. The same procedure applies for units using NCR RealScan 79e Bi–Optic Imager Scanner/Scale (7879).

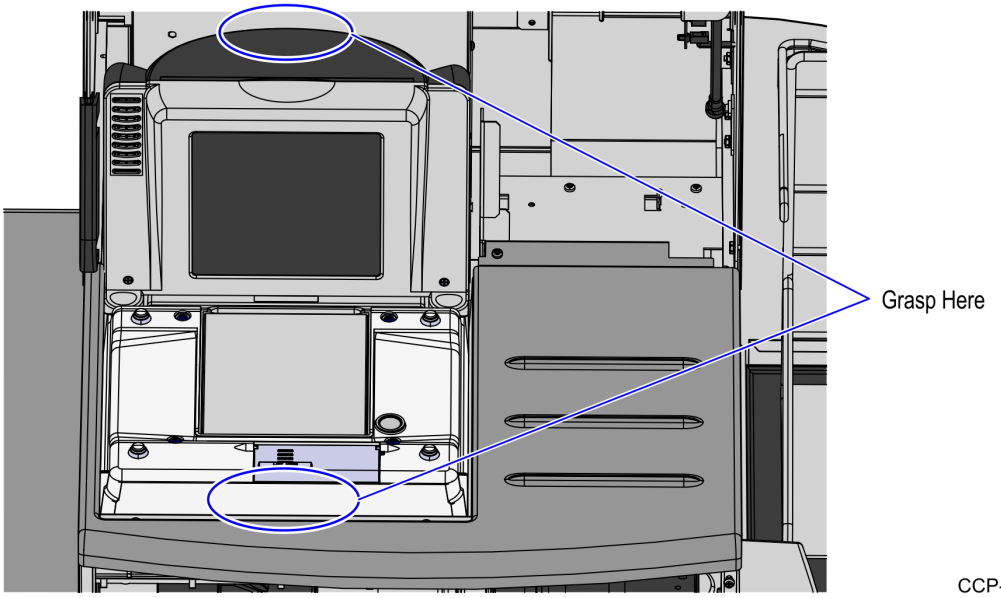
Note: Ensure to open the Upper Cabinet Door before proceeding. For more information, refer to *Opening Upper Cabinet Door* on the previous page.

1. Lift and remove the Scale Plate from the Scanner.



CCP-76754

2. Do the following to remove the Scanner/Scale from the scanner bucket area:
   a. Grasp the front of the Scanner and lift up.
   b. Grasp the back of the Scanner and slide scanner out of bucket area.



3. Disconnect the Interface/Power Cable from the USB connector on the Scanner. Verify all remaining cables are disconnected from the Scanner and remove the Scanner from the checkstand.

Note: If the Scanner/Scale comes with Sensormatic® features, remove power from the Sensormatic® Controller before removing the Sensormatic® Interface cable and then apply power to the Sensormatic® Controller after reconnecting all Sensormatic® cables.

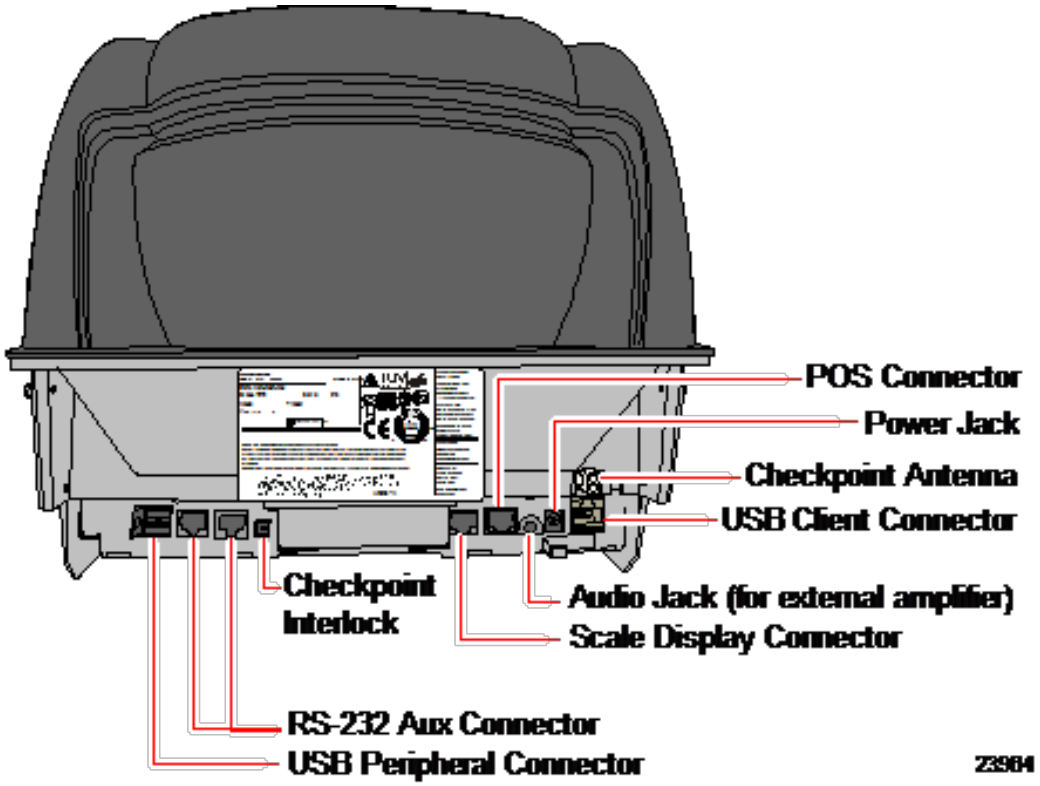
Installing Scanner/Scale

To install the Scanner/Scale, follow these steps:

Note: For the purpose of illustration only, this procedure uses illustrations showing a NCR RealScan 78 Scanner/Scale. The same procedure applies for units using NCR RealScan 79e Bi–Optic Imager Scanner/Scale (7879).

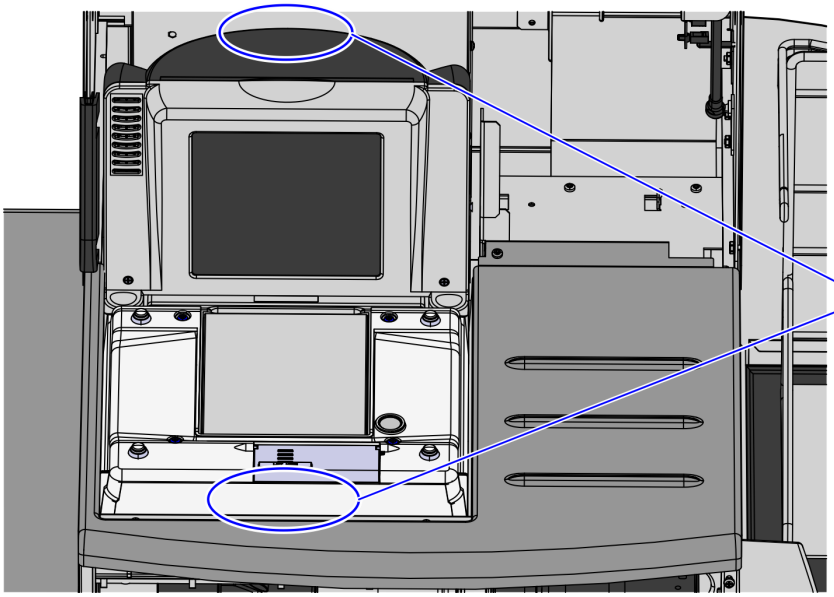
1. Connect the Interface/Power Cable to the USB connector of the Scanner/Scale.

Note: The NCR RealPOS High Performance Scanner/Scale (7878) uses only one cable for both Power and Interface connection.



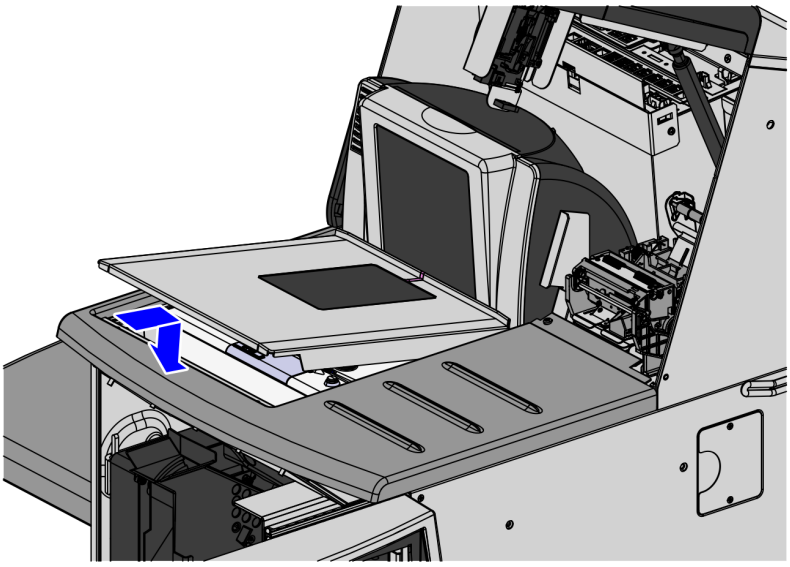
2. Grasp the Scanner/Scale by its handles and lower it into the checkstand cutout.

Caution: Be careful not to damage any of the cables.



CCP-76320

3. Place the back of Scanner/Scale on the two supports located on the E-Box mount.
4. Lower the Scanner/Scale unto the scanner bucket area.
5. Install the Scale Plate by placing it on top of the load cells.



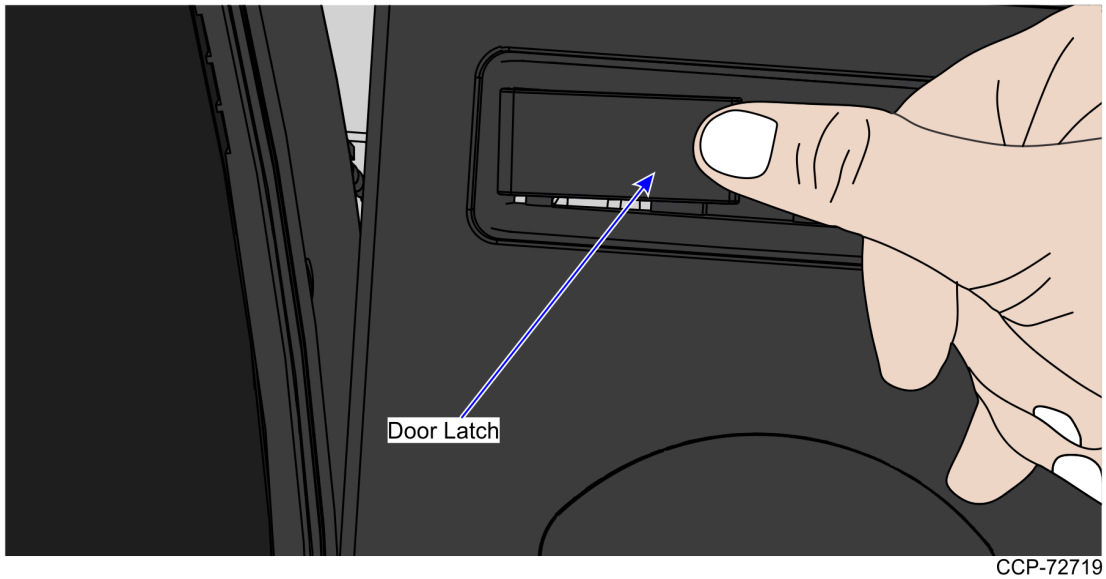
CCP-76753

Note: It is important that the Scanner does not rock on its supports. Ensure that the Scanner is sitting on all four supports.

Closing Upper Cabinet Door

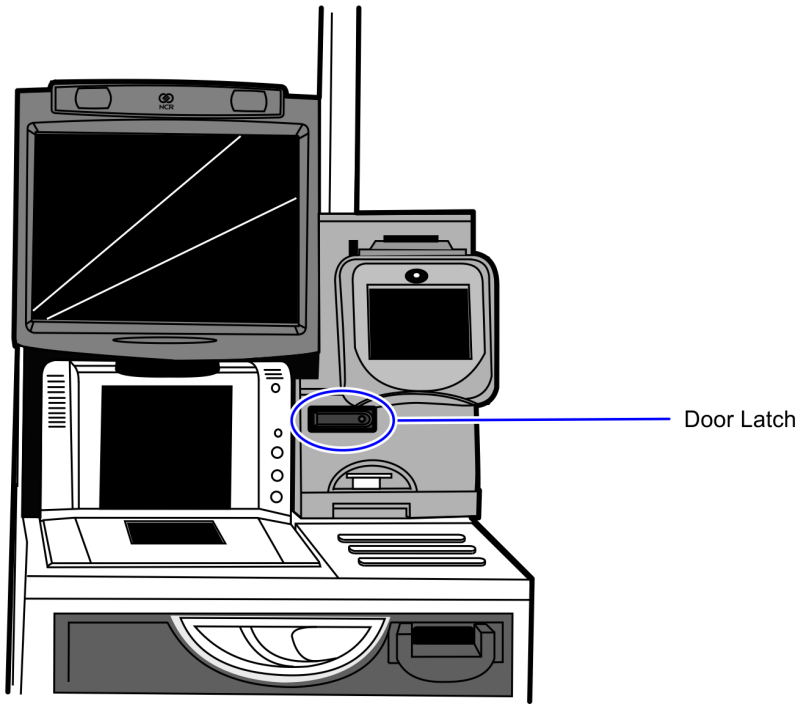
To close the Upper Cabinet Door, follow these steps:

1. Push down the door and then push the door latch until it closes. The Upper Cabinet Door is closed.



CCP-72719

2. Insert key in the door latch lock and then turn it clockwise to lock the door.



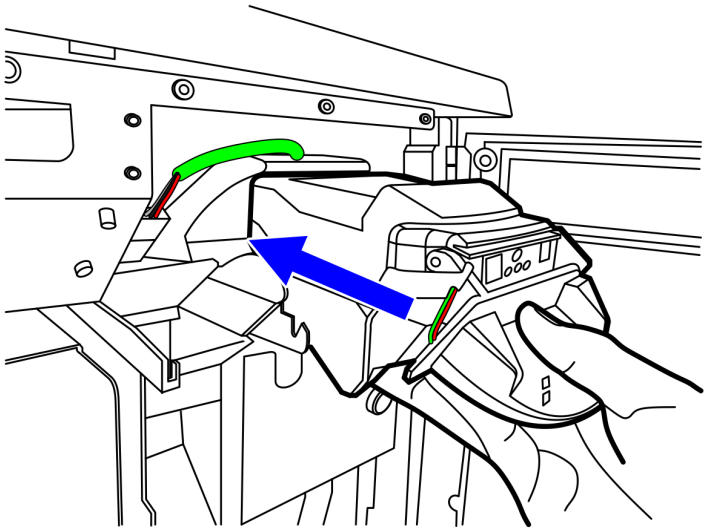
CCP-70311

3. Remove keys.

Installing SCN66 Cash Acceptor

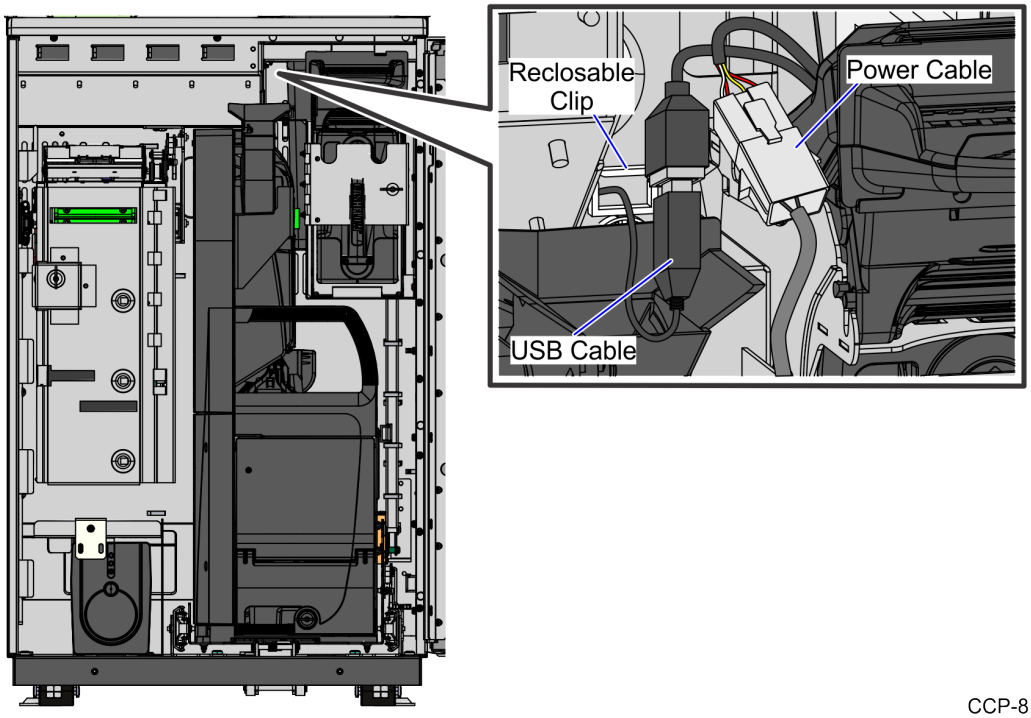
To install the SCN66 Cash Acceptor, do the following:

1. Insert the SCN66 head into the Cash Acceptor Chassis until the release lever latches in place.



CCP-71567

2. Connect the USB and Power cables to the Cash Acceptor connectors, as shown in the image below.



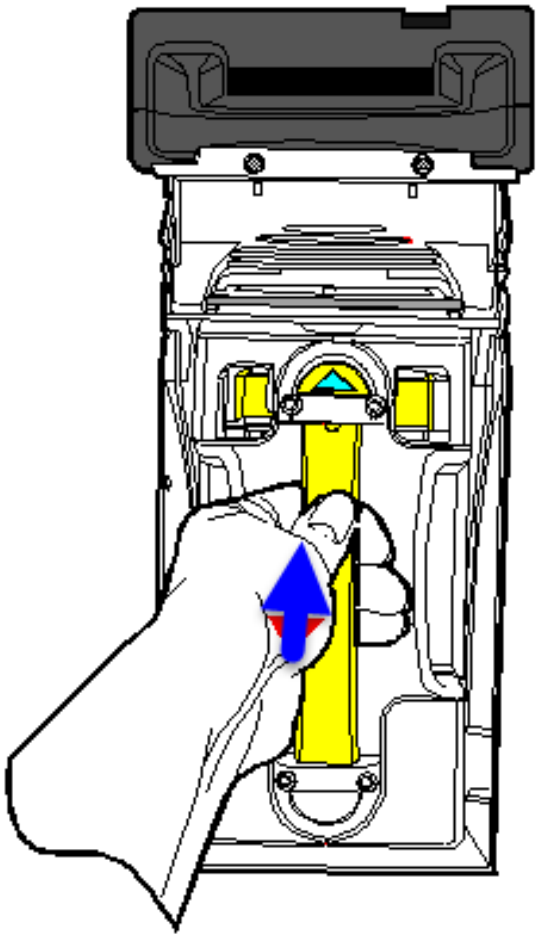
CCP-81005

Installing Cash Box

To install the new Cash Box, follow these steps:

1. Grasp the handle on the front of the Cash Box and pull it out of the unit.

Note: Ensure to hold the Cash Box as you slide it out of the unit.

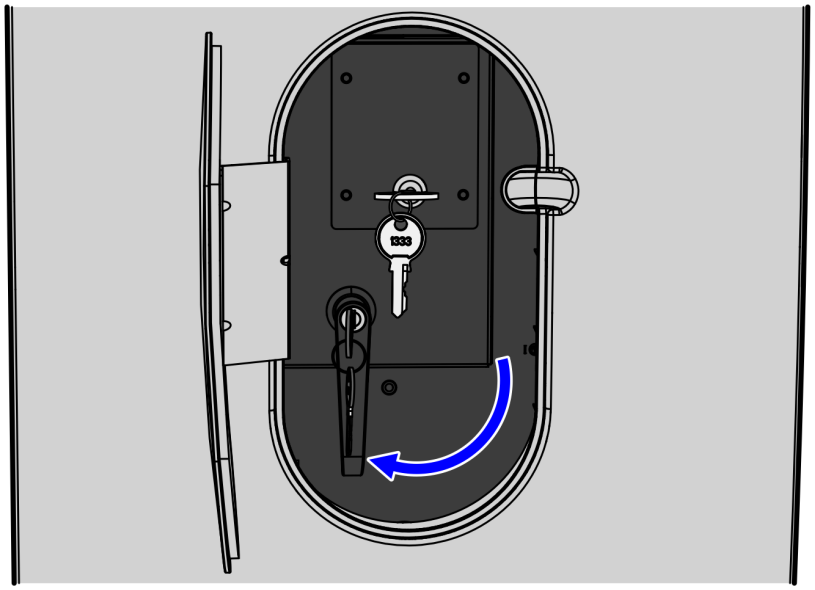


2. Unlock and open the Cash Acceptor internal security door.

Closing the Core Door

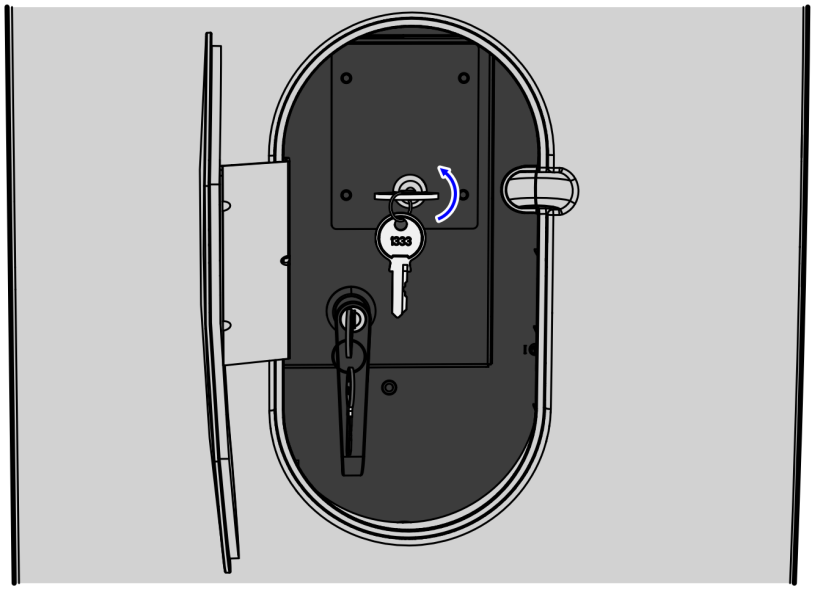
To close the Core Door, follow these steps:

1. Push the Core Door to the core cabinet and then turn the Door Latch Handle downward to lock the door.



CCP-72703

2. In the middle keyhole, turn the key counterclockwise to completely lock the Core Door.



CCP-72704

3. Remove the keys.