Kit Instructions

Scanner Mount Assembly and Top Plate (Datalogic Magellan 1500I)

7350-K989
Issue A

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Revision Record

Issue	Date	Remarks
A	Aug 2021	First Issue

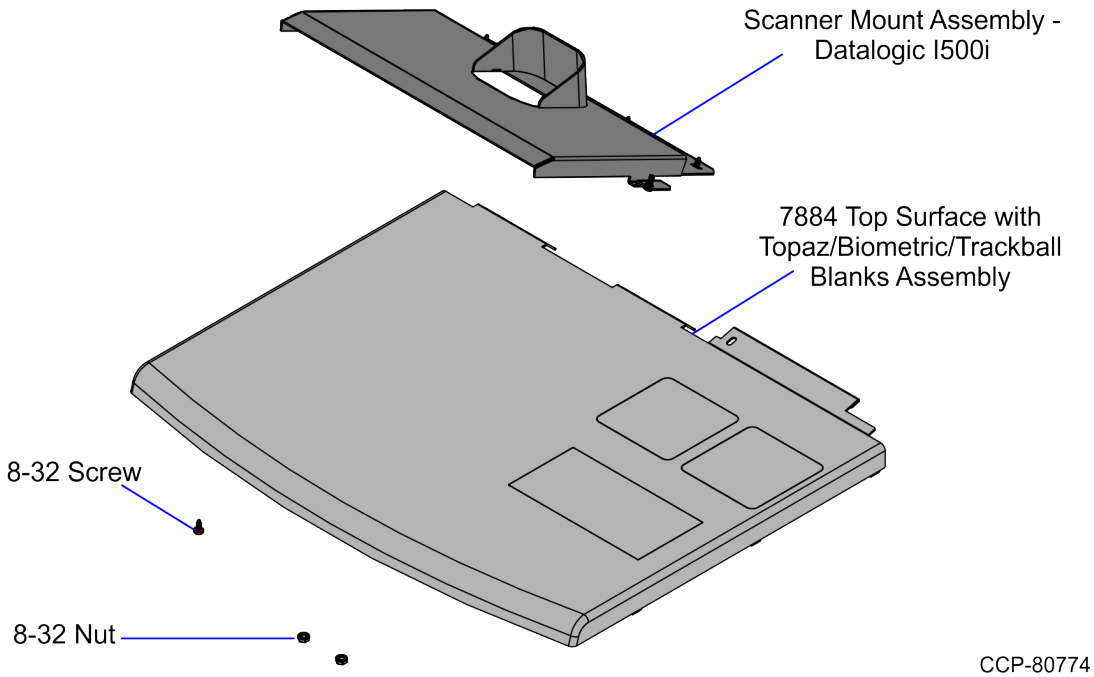
Scanner Mount Assembly and Top Plate (Datalogic Magellan 1500I)

This publication provides procedures for replacing the existing NCR RealScan 79e Bi–Optic Imager Scanner/Scale (7879) or NCR RealScan 78 Scanner/Scale of an NCR SelfServ™ Checkout (7350) unit with a Scanner Mount Assembly and Top Plate for Datalogic Magellan 1500I Scanner.

Prerequisite

The *7350-K989 Scanner Mount Assembly (Datalogic Magellan 1500I)* must be ordered together with the *7707-K255 Scanner (Datalogic Magellan 1500I)* to complete the assembly.

Kit Contents



Part Number	Description
497-0530734	7350-K989 Kit - Datalogic Magellan 1500I Scanner Mount and Top Plate

Part Number		Description
	497-0530756	Assembly Scanner Mount- Datalogic 1500I
	497-0468248	Assembly - 7884 Top Surface with Topaz/Biometric/trackball blanks
	006-8612446	Screw - 8-32 x 0.375 in Phil Pan, Self Tapping - Type F
	006-8611143	Nut Keps, 8-32, Steel, Blue Zinc (2 pcs)
*	497-0423108	Instructions Kit (Reference Sheet)

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

Installation Procedure

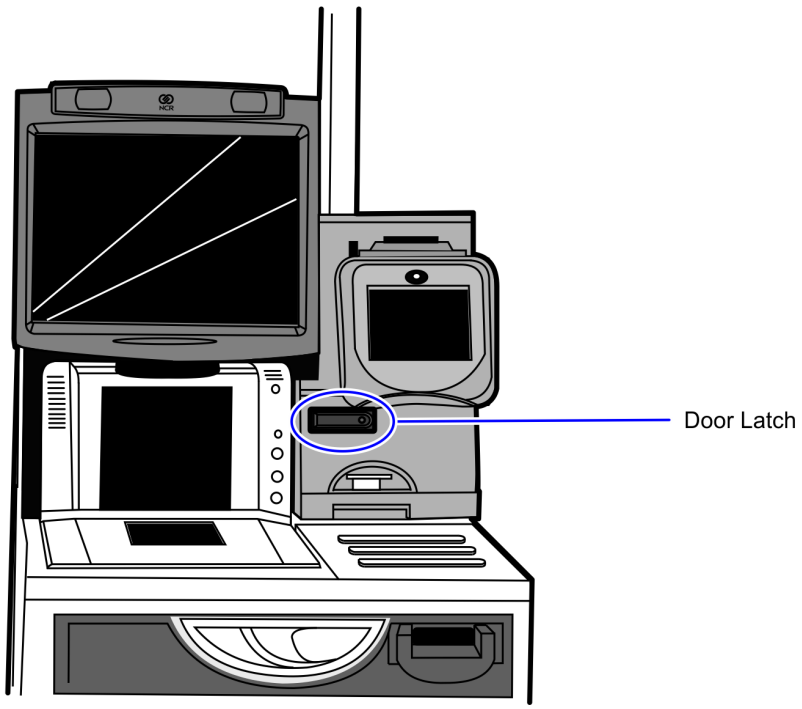
To install the Scanner Mount Assembly and Top Plate for a Datalogic Magellan 1500i Scanner in an NCR SelfServ Checkout (7350) unit, follow these steps:

1. Turn off the NCR SelfServ Checkout software and hardware systems.
2. Unlock and open the Upper Cabinet Door. For more information, refer to *Opening Upper Cabinet Door* on the next page.
3. Remove the existing Scanner/Scale. For more information, refer to *Removing Scanner/Scale* on page 5.
4. Remove the Top Plate.
5. Unlock and open the Core Door. For more information, refer to *Opening Core Door* on page 7.
6. Remove the existing Top Plate. For more information, refer to *Removing Existing Top Plate* on page 9.
7. Install the 7884 Top Plate. For more information, refer to *Installing 7884 Top Plate* on page 12.
8. Install the Scanner Mount Assembly (Datalogic Magellan 1500i). For more information, refer to *Installing Scanner Mount Assembly* on page 14.
9. Close and lock the Upper Cabinet Door. For more information, refer to *Closing Upper Cabinet Door* on page 17.
10. Close and lock the Core Door. For more information, refer to *Closing the Core Door* on page 18.
11. Turn on the NCR SelfServ Checkout software and hardware systems.
12. Run the ADD utility to ensure that the device is updated with the latest firmware.

Opening Upper Cabinet Door

To open the Upper Cabinet Door, follow these steps:

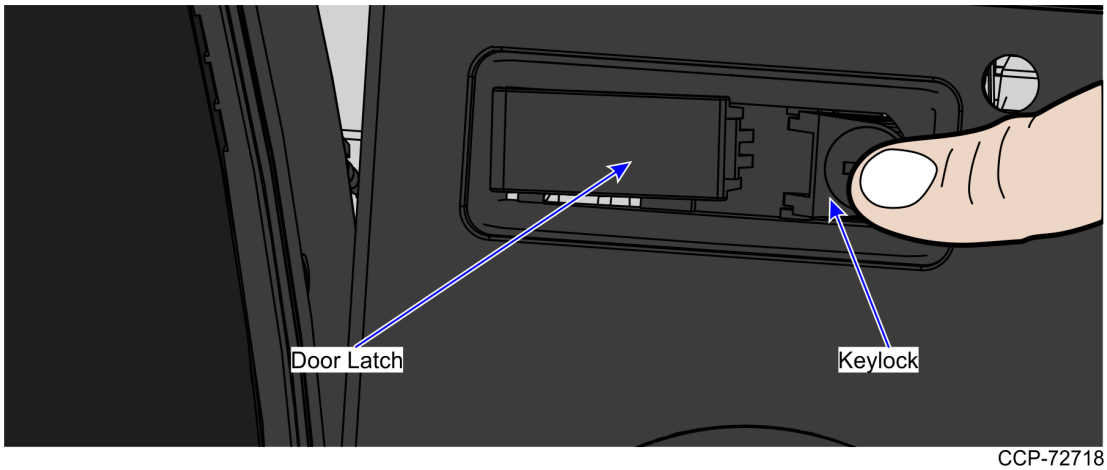
1. Insert key into lock on door latch and turn key counterclockwise.



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.

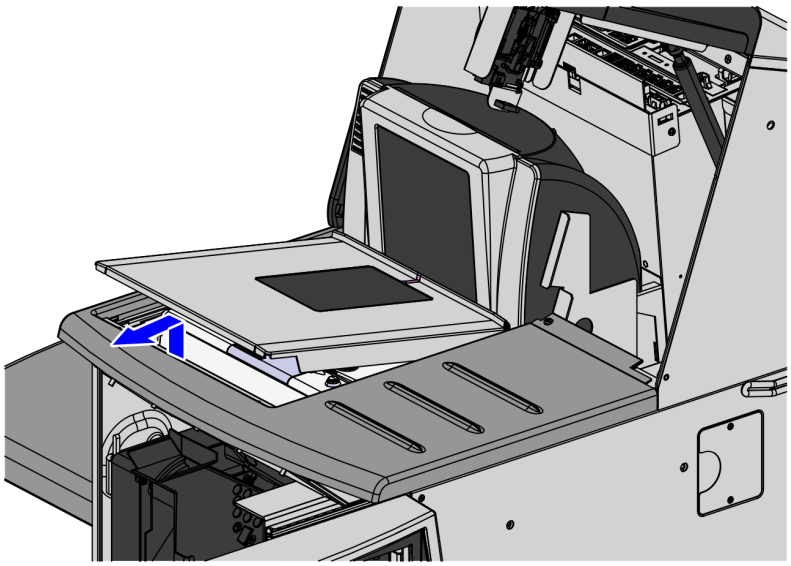
Removing Scanner/Scale

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).

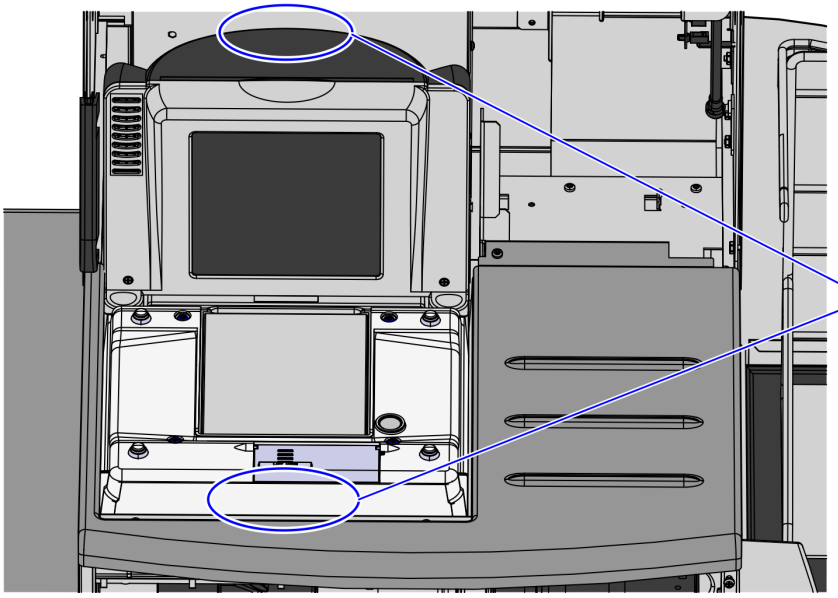
Note: Ensure to open the Upper Cabinet Door before proceeding. For more information, refer to *Opening Upper Cabinet Door* on the previous page.

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.



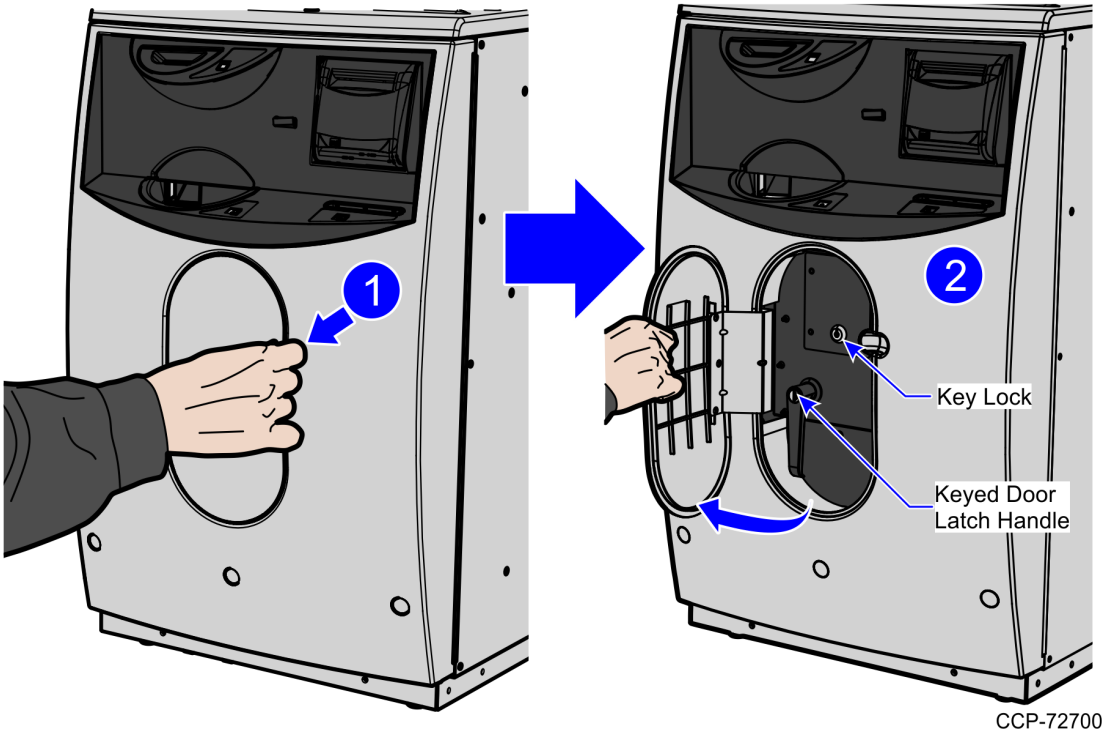
3. Disconnect the Interface/Power Cable from the USB connector on the Scanner. Verify all remaining cables are disconnected from the Scanner and remove the Scanner from the checkstand.

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.

Opening Core Door

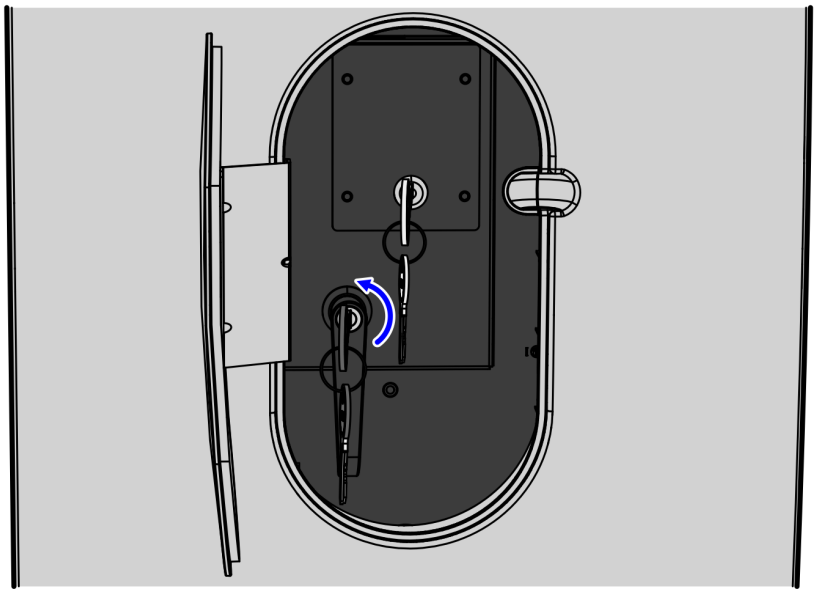
To open the Core Door, follow these steps:

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



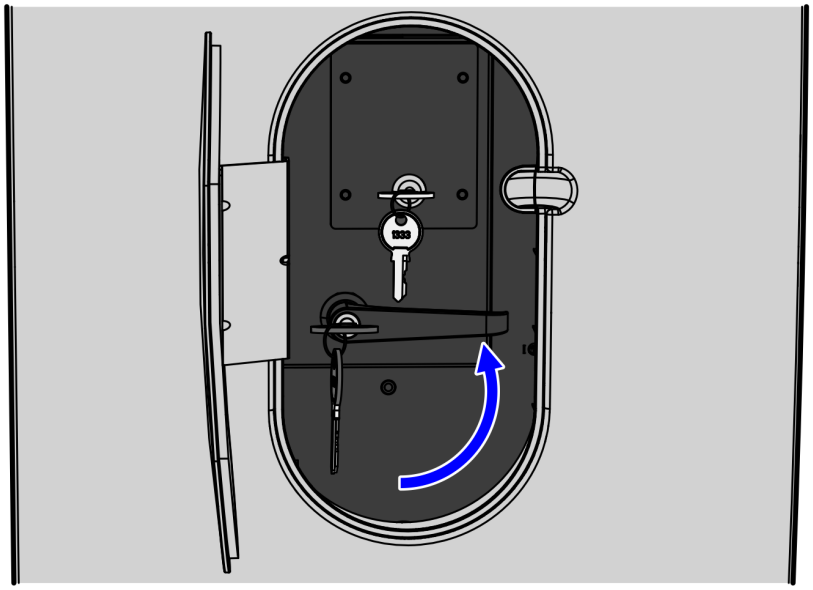
CCP-72700

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



CCP-72701

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



CCP-72702

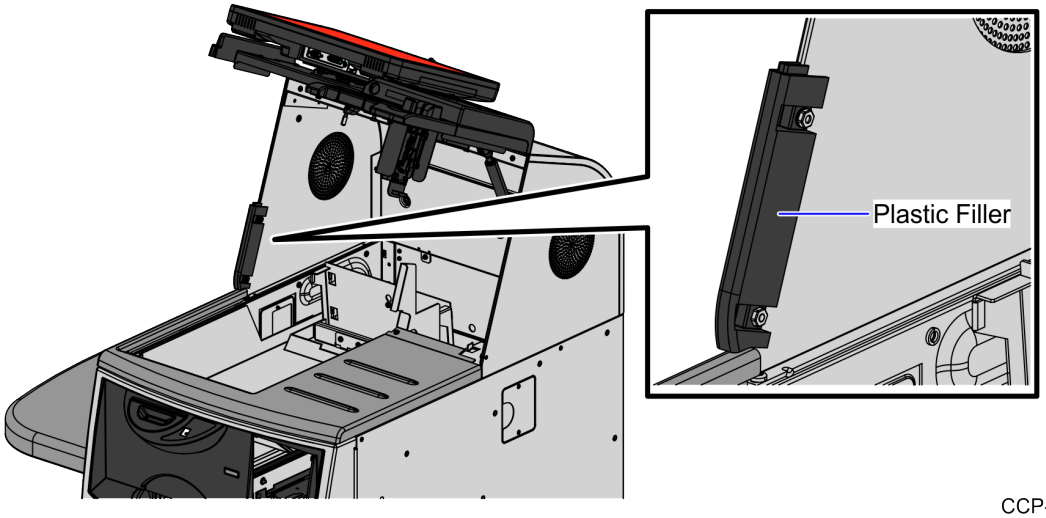
Removing Existing Top Plate

To remove the existing Top Plate used for SelfServ Checkout units with NCR RealScan 79e Bi–Optic Imager Scanner/Scale (7879) or NCR RealScan 78 Scanner/Scale, follow these steps::

Note: Ensure to open the Upper Cabinet Door before proceeding. For more information, refer to *Opening Upper Cabinet Door* on page 4.

1. Remove two (2) nuts to detach the Plastic Filler from the side of the Core Hood, as shown in the image below.

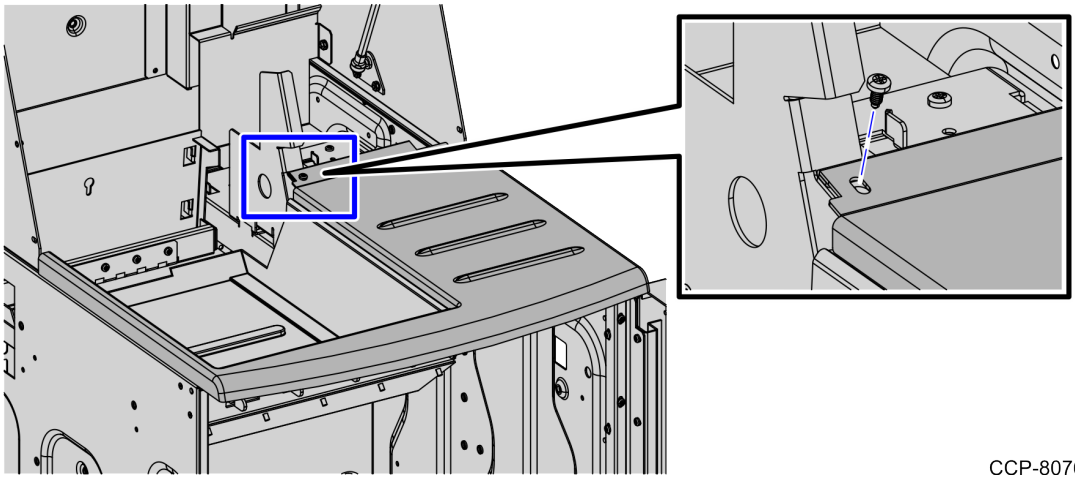
Note: Set aside the nuts and the Plastic Filler for reinstallation.



CCP-81001

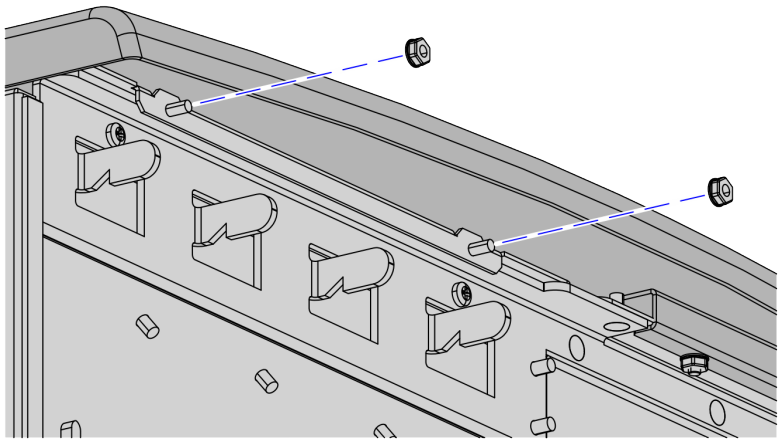
2. Remove and set aside the screw located on the left edge of the Top Plate near the printer bucket, as shown in the image below.

Note: Set aside the screw for reinstallation.



CCP-80769

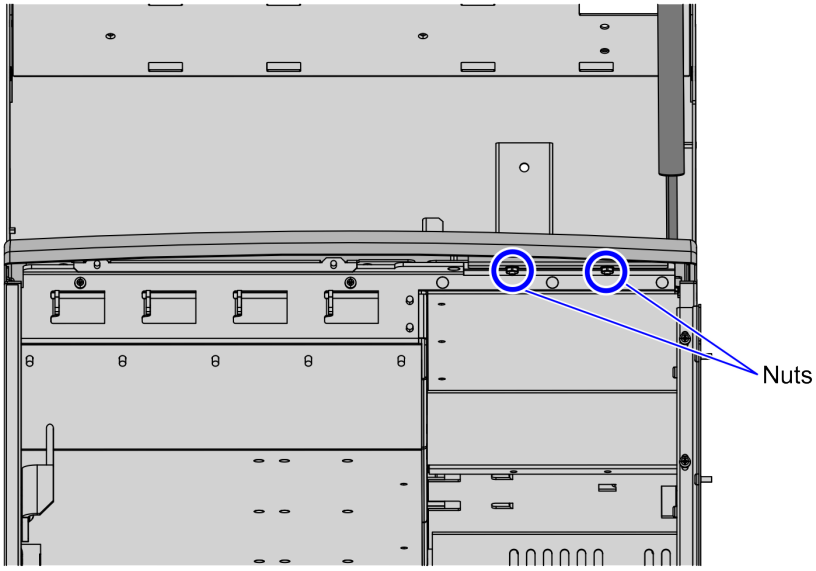
3. Release the green lever and rack out the Note Recycler (Glory CI-10B) out of the SelfServ Checkout cabinet until it is fully extended.
4. Do the following:
   a. Remove the two (2) nuts under the front of the Top Plate, as shown in the image below.



CCP-80768

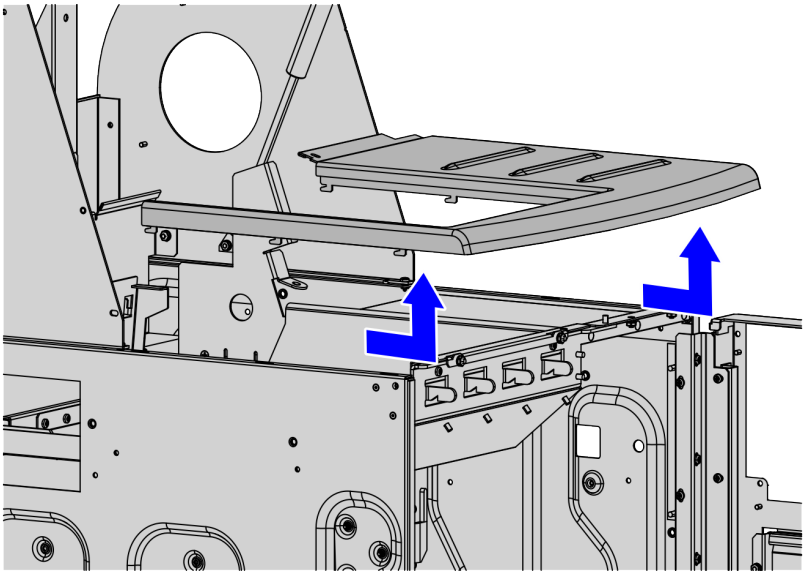
   b. Remove and set aside two (2) nuts located above the Note Recycler (Glory CI-10B) shelf, as shown in the image below.

Note: Set aside the nuts for reinstallation.



CCP-81002

5. Slide back the Top Plate to disengage the hooks from the Core Cabinet, and then lift it out of the Core Cabinet as shown in the image below.



CCP-80771

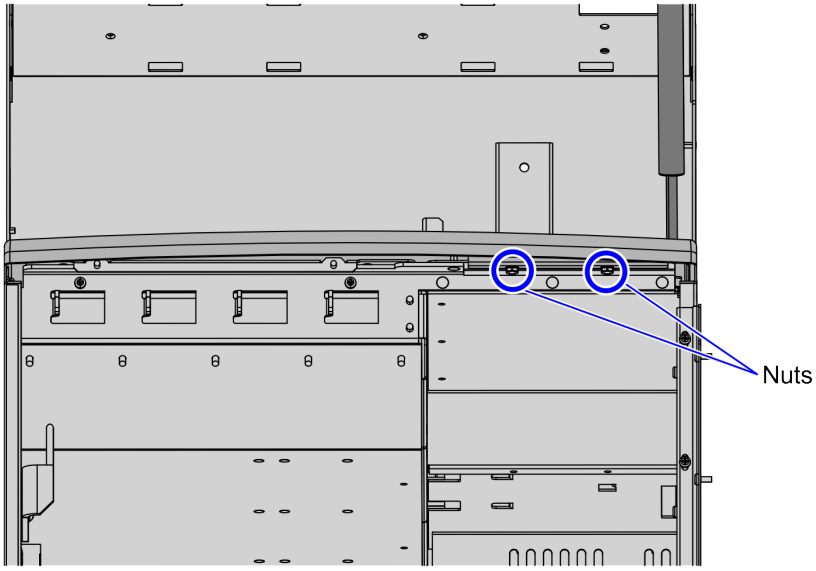
Installing 7884 Top Plate

To install the 7884 Top Plate, follow these steps:

1. Place the 7884 Top Plate on top of the Core Cabinet and then slide it toward the Upper Cabinet to lock the hooks under the 7884 Top Plate.

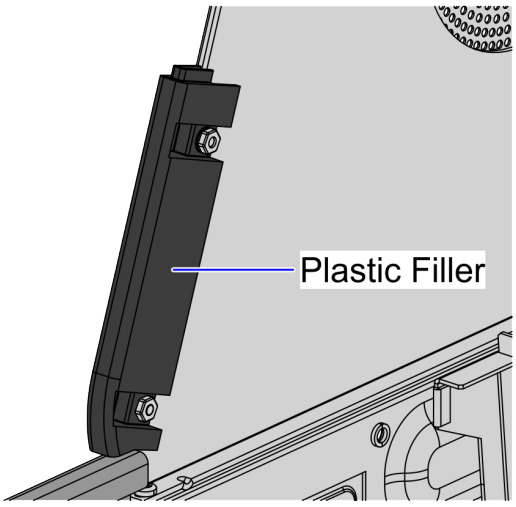
Note: Ensure that the two (2) studs on the Core Cabinet are aligned on the holes on the front of the 7884 Cabinet.

2. Reuse the two (2) nuts that were set aside to fasten the right part (above the Note Recycler (Glory CI-10B) shelf) of the 7884 Top Plate to the Core Cabinet, as shown in the image below.



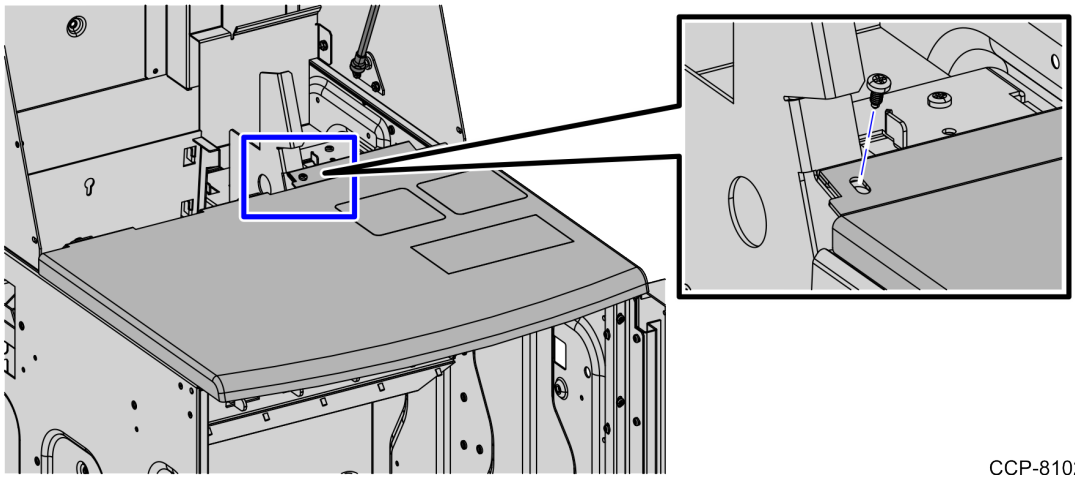
CCP-81002

3. Push the Note Recycler (Glory CI-10B) back to the SelfServ Checkout cabinet.
4. Install the Plastic Filler on the side of the Core Hood using two (2) nuts that were set aside.



CCP-81026

5. Reuse the screw that was set aside to secure the Top Plate near the printer bucket area, as shown in the image below.

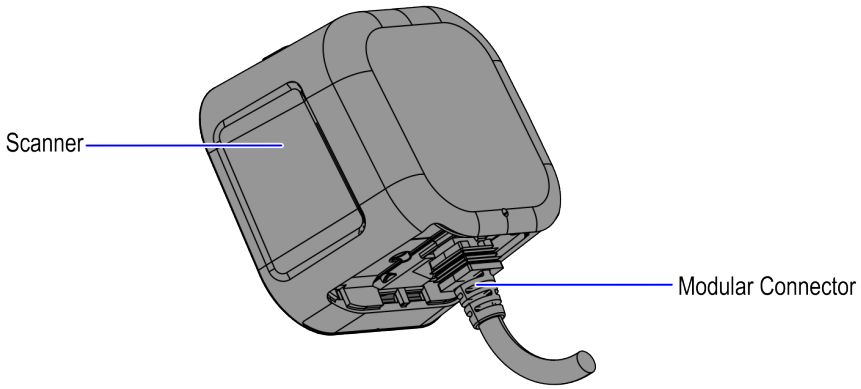


CCP-81028

Installing Scanner Mount Assembly

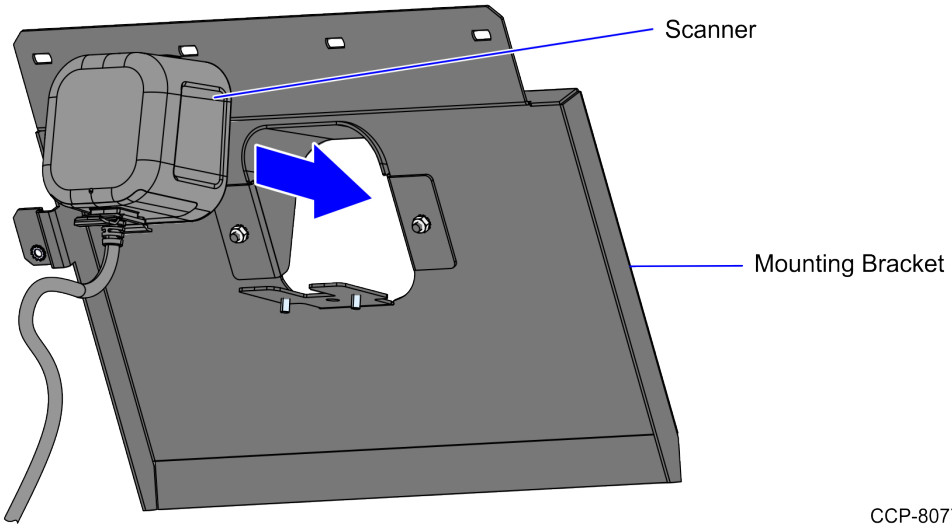
To install the Scanner Mount Assembly, follow these steps:

1. Plug the connector to the Datalogic Magellan 1500i Scanner, as shown in the image below.



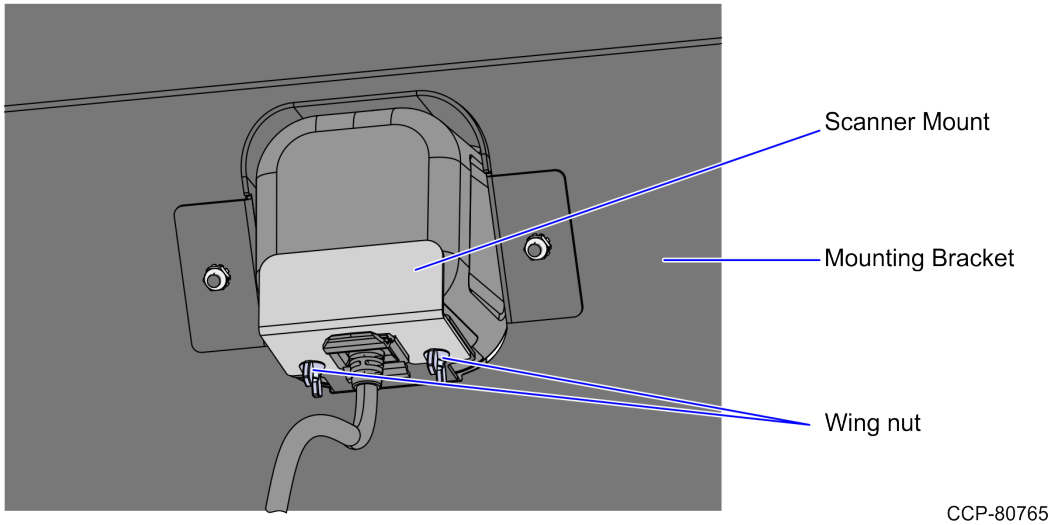
CCP-80703

2. On the back of the Mounting Bracket, do the following:
   a. Insert the Scanner onto the Mounting Bracket, as shown in the image below.



CCP-80772

b. Using two (2) wing nuts, secure the Scanner on the Mounting Bracket of the Scanner Mount, as shown in the image below.

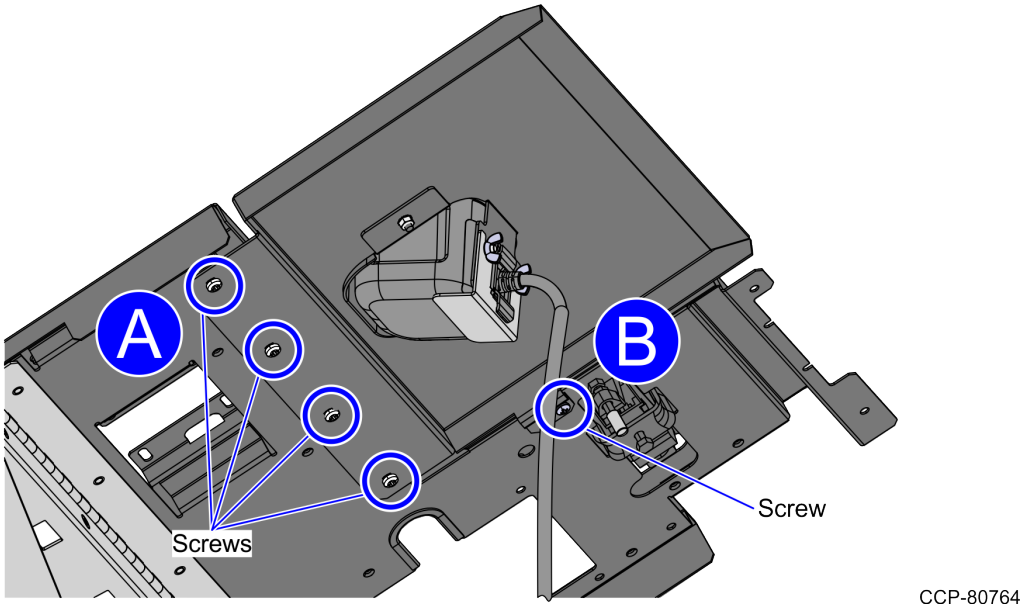


3. Attach the Scanner Mount Assembly to the Upper Cabinet Door by doing the following:

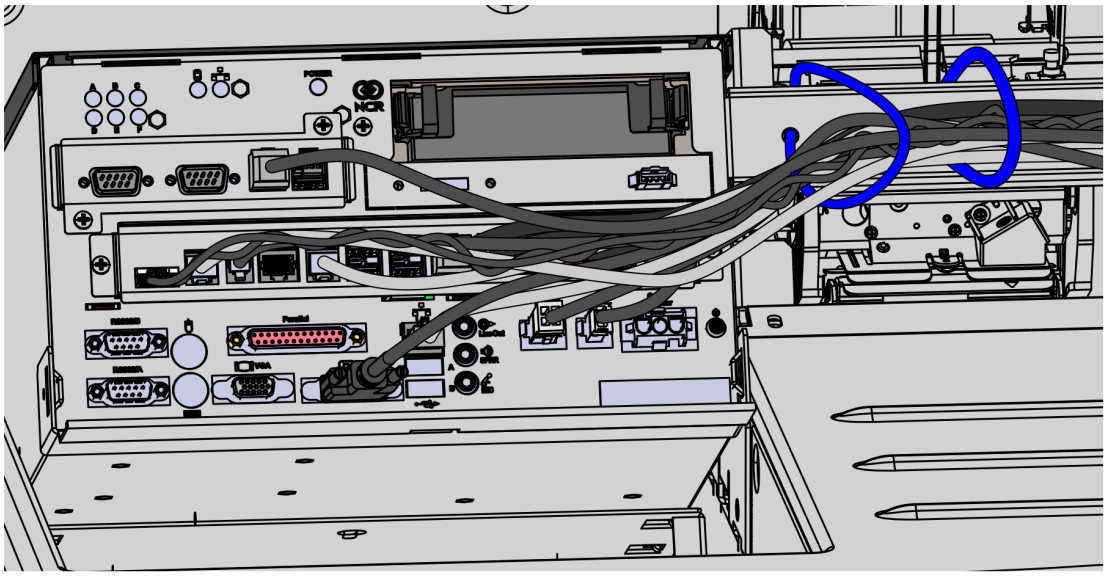
   a. Secure the Scanner Mount Assembly to the back of the Upper Cabinet Door using four (4) screws, as shown in the image below.

   b. Fasten the screw on the right side of the Scanner, as shown in the image below.

Note: The screw comes with the Scanner Mount Assembly.

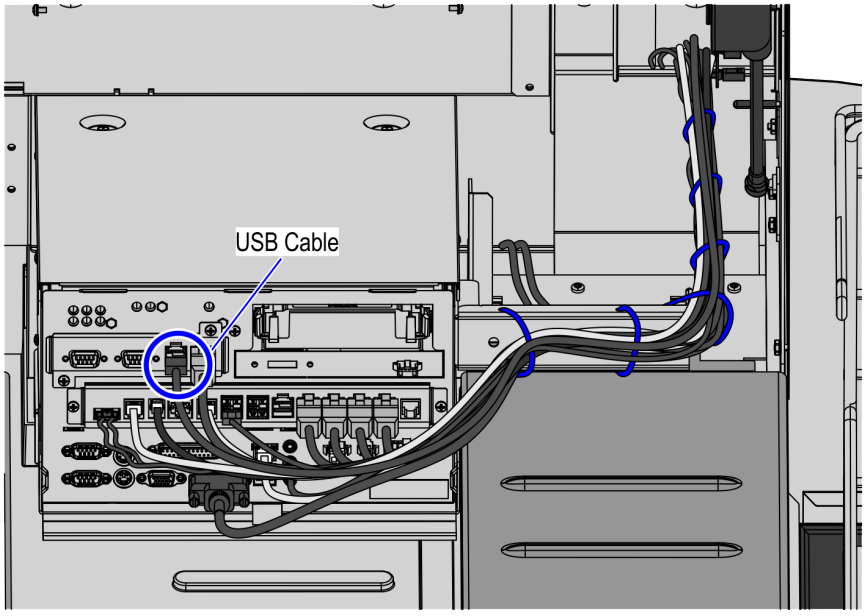


4. Tilt the E-Box Bracket forward to easily access the cables.



CCP-72635

5. Connect the other end of the scanner cable to **USB L** port of the E-Box.

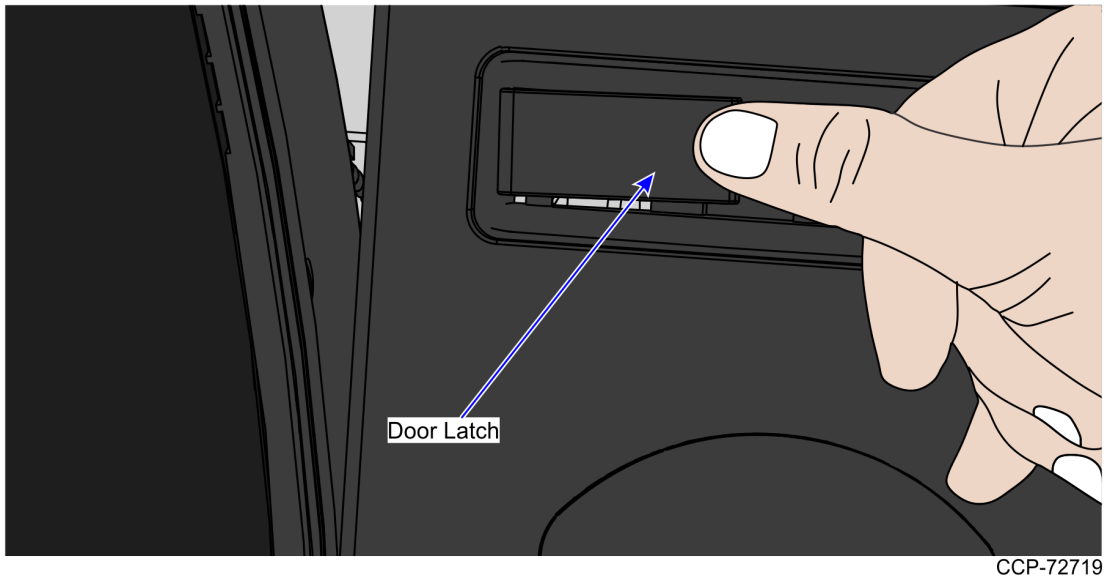


CCP-80773

Closing Upper Cabinet Door

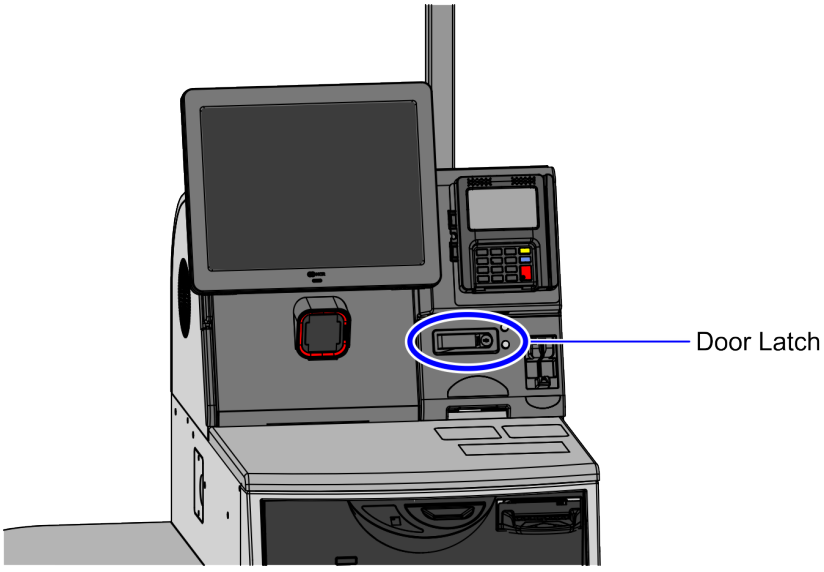
To close the Upper Cabinet Door, follow these steps:

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.



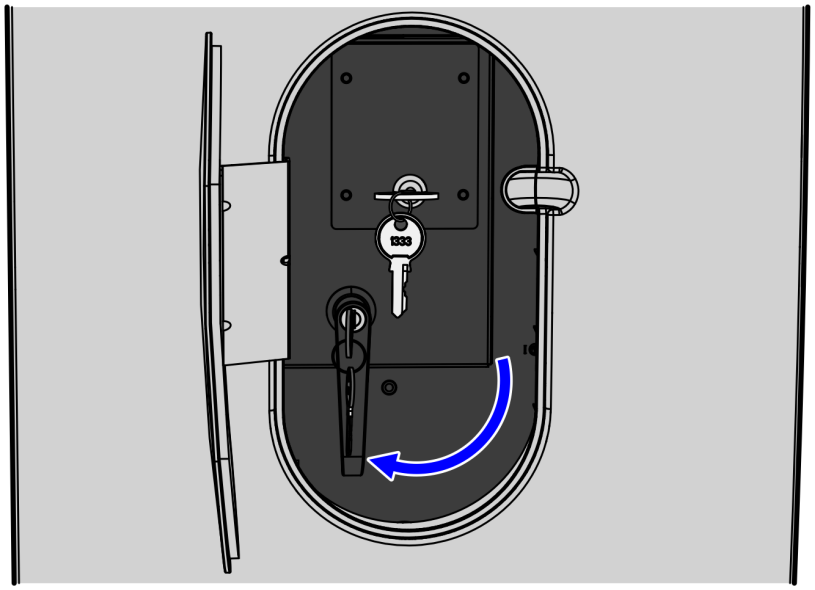
CCP-81030

3. Remove keys.

Closing the Core Door

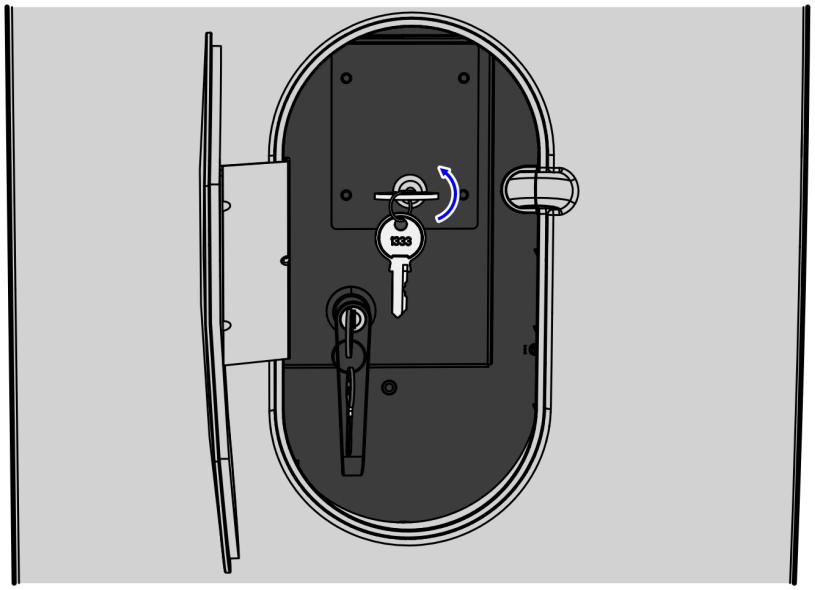
To close the Core Door, follow these steps:

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.