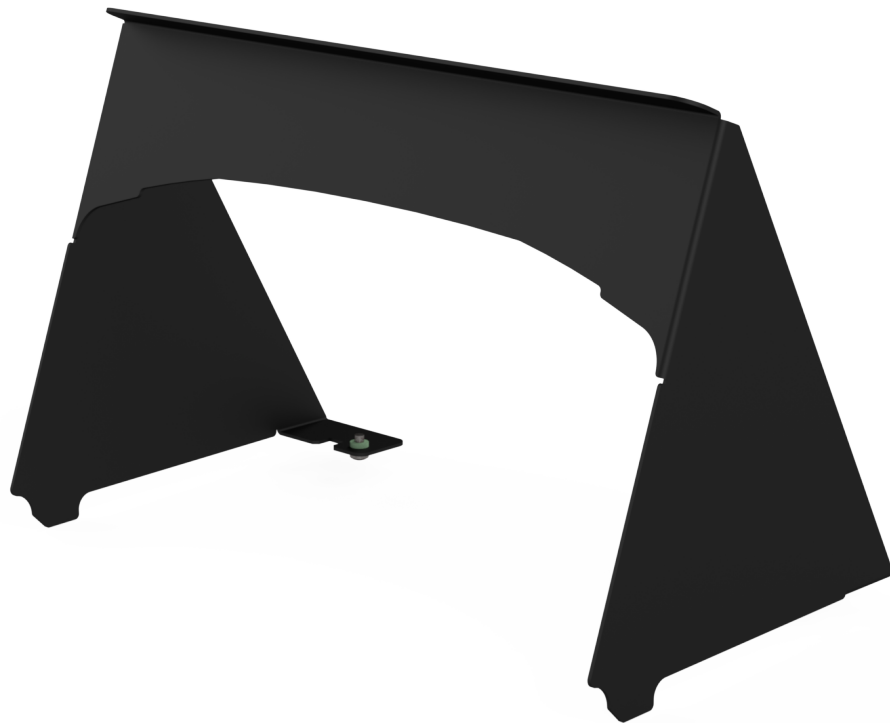


# Kit Instructions

NCR 7895 Scanner/Scale Scanner Upgrade



7358-K890  
Issue A



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## Revision Record

Issue	Date	Remarks
A	Jul 2022	First Issue



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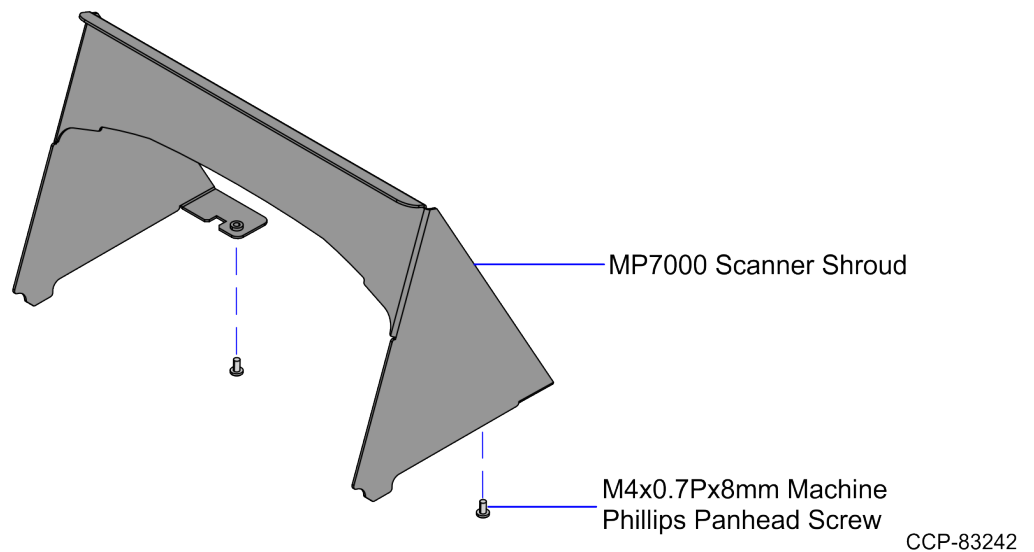
# NCR 7895 Scanner/Scale Upgrade

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The NCR 7895 Scanner/Scale is a data capture solution that reads 1D, 2D, Digimarc, and mobile bar codes in all orientations. Bar code data is transmitted to a Point-of-Sale (POS) host through USB, RS-232, or RS-485 connection. For more information, refer to the [NCR 7895 Scanner/Scale User Documentation \(BCC5-0000-5511\)](#).

This publication provides procedures for upgrading an NCR FastLane SelfServ™ Checkout (7358) R6L Plus unit—that is configured with an NCR RealScan 79e (7879) Scanner/Scale—with an NCR 7895 Scanner/Scale Scanner.

## Kit Contents



Part Number	Description
497-0532333	7357-K890, NCR 7895 Upgrade Kit for 7358
497-0529906	Kit - 7895 Tower Shroud
* 007-9714414	Tie Strap Plain 5.60 lg (2 pcs)
* 497-0529515	Cable - USB+PWR 12 V to Modular RJ50 (2.13 m) with Flag Label
* 497-0529517	Cable - Scanner Color Camera USB3 Type C to Type A, (3 m)
* 497-0423108	Instructions Kit (Reference Sheet)

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

# Installation Procedure

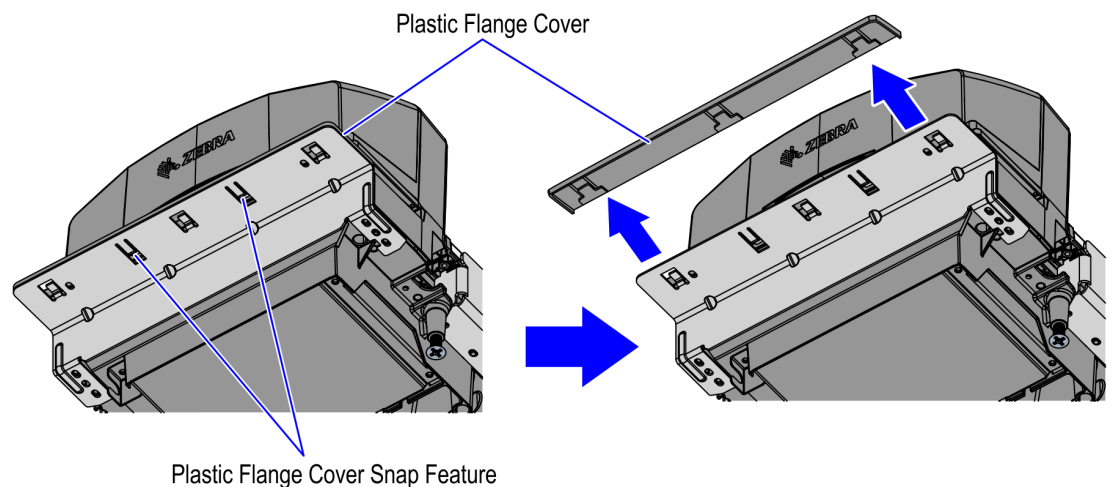
To upgrade the R6L Plus unit with a 7895 Scanner/Scale, follow these steps:

1. Turn off the SelfServ Checkout software and hardware systems.
2. Open the Tower Cabinet. For more information, refer to [Opening Tower Cabinet](#) on page 4.
3. Remove the existing NCR RealScan 79e (7879) Scanner/Scale. For more information, refer to [Removing the Scanner/Scale \(7879e\)](#) on page 6.



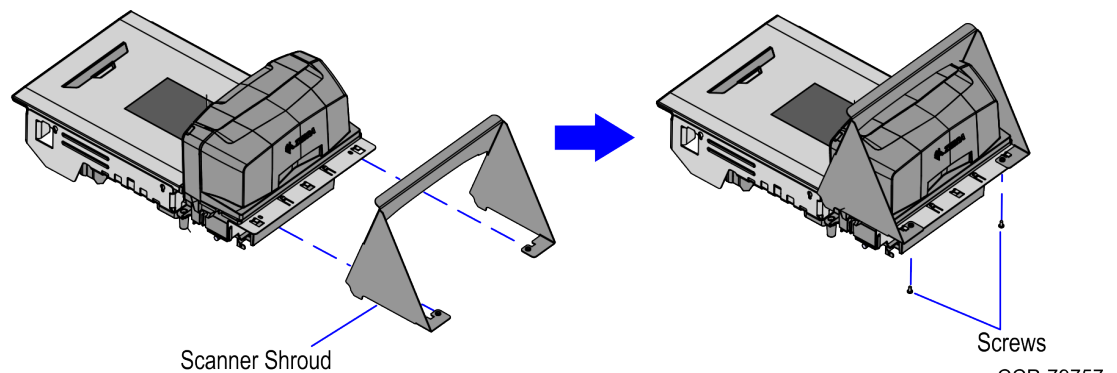
**Note:** Do not discard the 7879e Scanner/Scale cable. Using a cable tie, secure it in place together with the 7895 Scanner/Scale cable.

4. Remove the plastic flange from the back of the Scanner/Scale by pushing the snap feature and sliding it out.



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5. Slide the Scanner Shroud into the hooks on the back of the Scanner/Scale and secure it with two (2) screws.



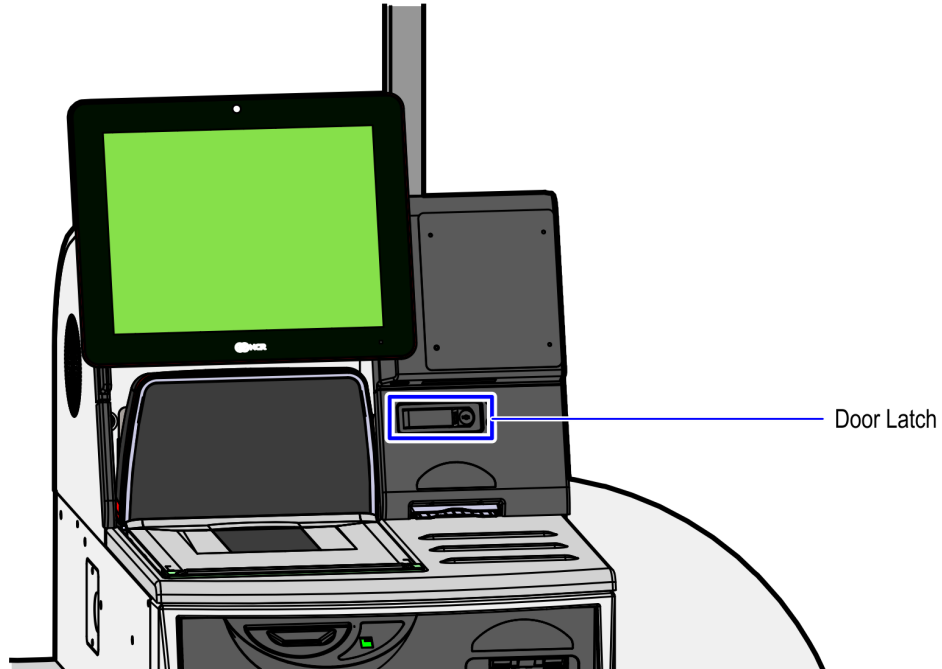
CCP-79757

6. Install the NCR 7895 Scanner/Scale. For more information, refer to [Installing the 7895 Scanner/Scale](#) on page 8.
7. Close the Tower Cabinet. For more information, refer to [Closing Tower Cabinet](#) on page 18.

## Opening Tower Cabinet

To open the Tower Cabinet, follow these steps:

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

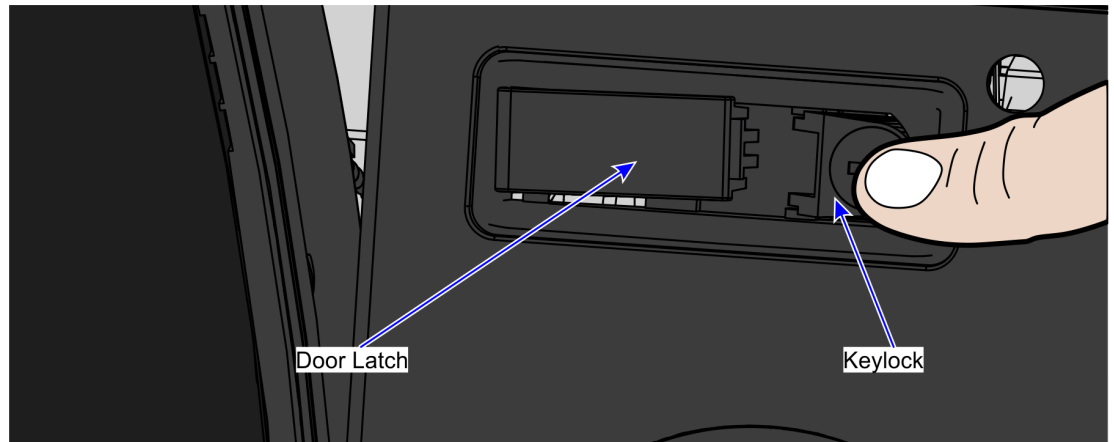


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2. Remove the key and then press the keylock to unlatch the door.



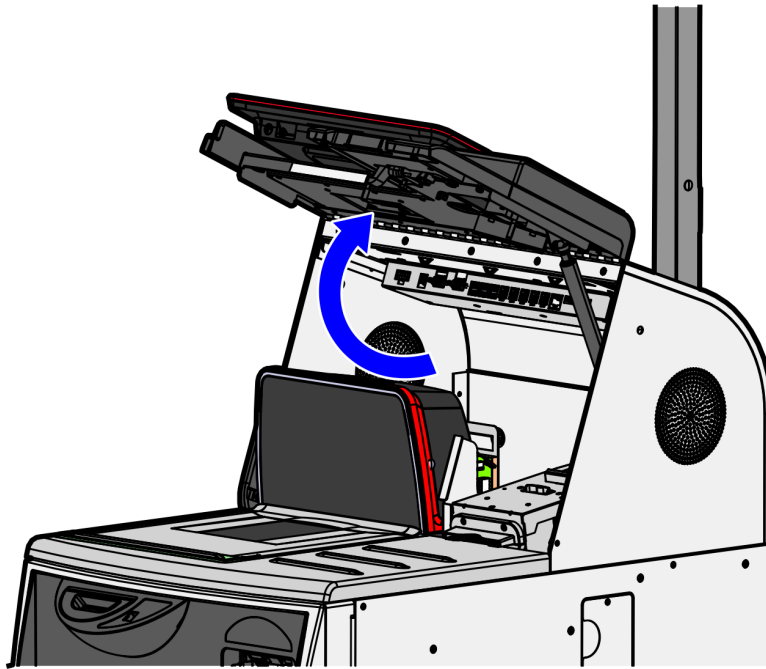
**Caution:** Ensure that the door is pushed down while lock is pressed because the door will automatically open.



CCP-72718



3. Raise the Tower Cabinet door.

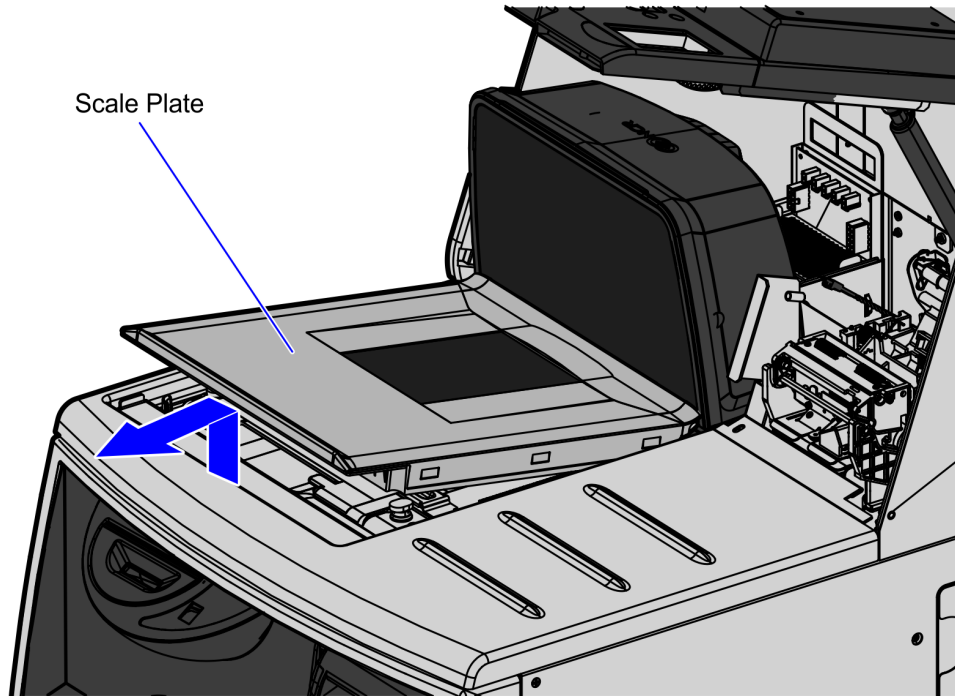


CCP-74776

## Removing the Scanner/Scale (7879e)

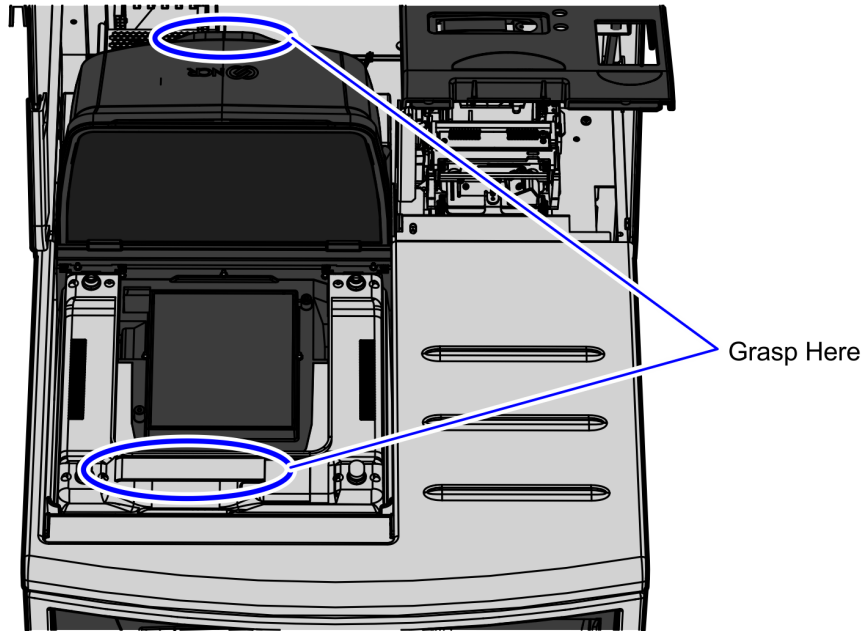
To remove the Scanner/Scale (7879e), follow these steps:

1. Remove the Top Plate.



CCP-72727

2. Grasp the front of the Scanner and lift up.
3. Grasp the back of the Scanner and slide scanner out of bucket area.



CCP-72728

4. Disconnect the Interface/Power Cable from the USB connector on the Scanner.



**Note:** If removing a Scanner with Sensormatic features, remove the Sensormatic Interface cable.

## Installing the 7895 Scanner/Scale

To install the NCR 7895 Scanner/Scale in the SelfServ Checkout unit, follow these steps:



**Note:** Keep unused cables to the side of the Tower Cabinet behind the Terminal Display. Secure cables using cable ties.

1. Connect the following cables to the designated ports on the NCR 7895 Scanner/Scale.

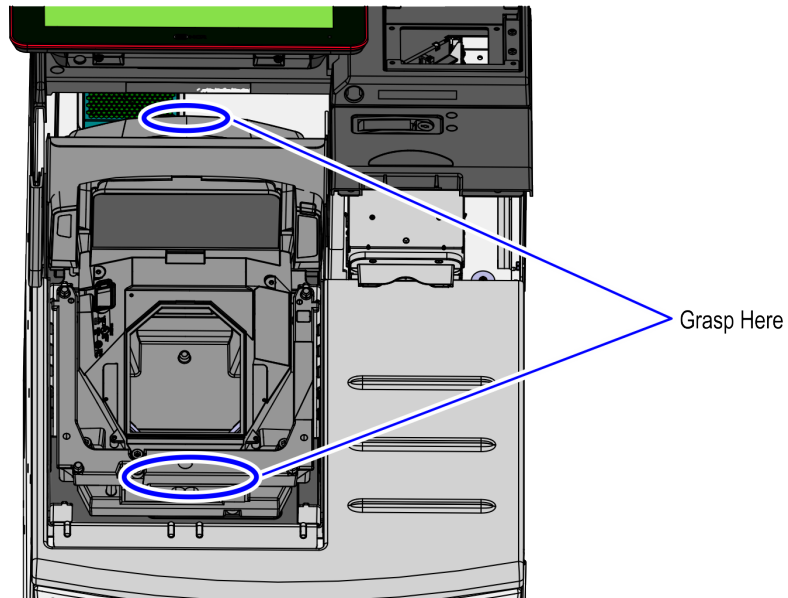


**Caution:** Check and ensure that the right cables are correctly plugged into the Scanner/Scale Ports.

Cable	Scanner/Scale Port
Camera cable	Internal Port <b>Note:</b> To install the Camera cable in the Scanner/Scale, refer to <a href="#">Installing the Color Camera USB Cable</a> on page 10 .
Main cable	POS Port

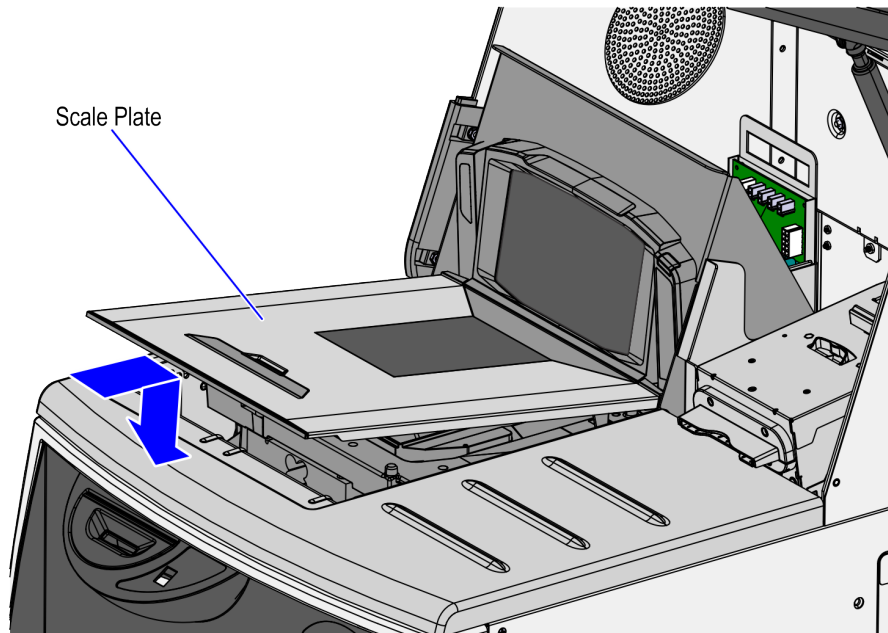
2. Route the Scanner/Scale cables. For more information, refer to [Routing the 7895 Scanner/Scale Cables](#) on page 14.

3. Place the Scanner/Scale into the Scanner bucket.



CCP-79792

4. Lower the Scale Plate.



CCP-79791

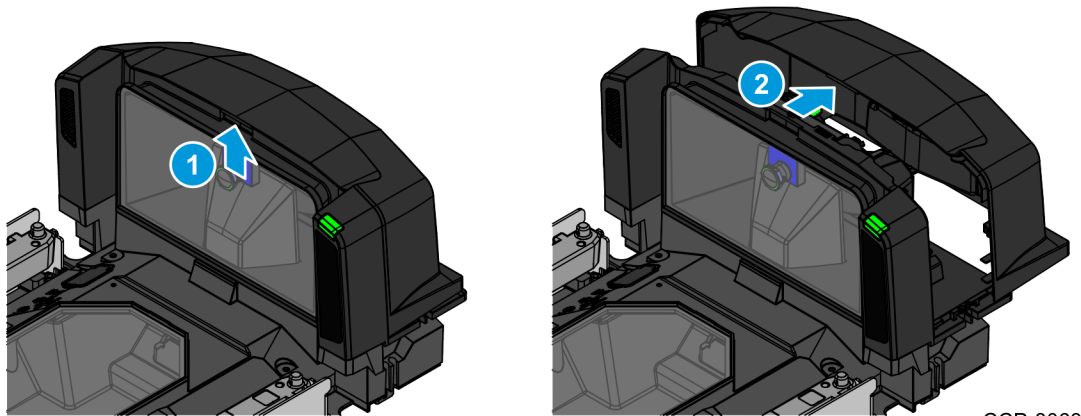


**Note:** The Scanner/Scale must be calibrated before the system goes live. For more information, refer to [NCR 7895 Scanner/Scale User Documentation \(BCC5-0000-5511\)](#).

## Installing the Color Camera USB Cable

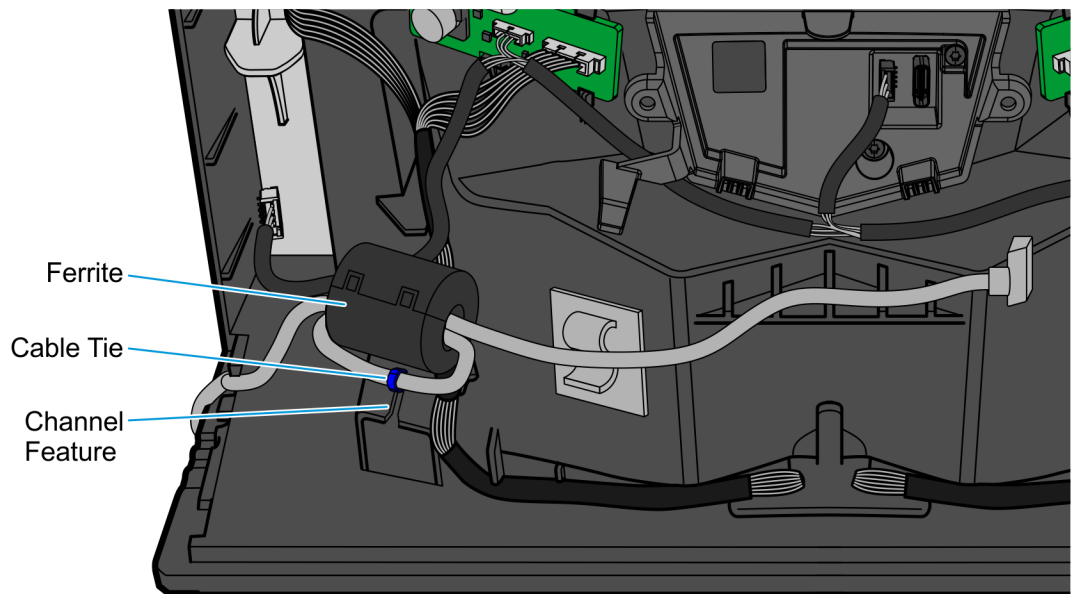
The Color Camera USB Cable is not shipped with the 7895 Scanner/Scale unit. It is purchased separately and needs to be installed during the initial setup of the unit. To install the Color Camera USB Cable, follow these steps:

1. Remove the Scanner Top Plate. For more information, refer to [Removing the 7895 Scanner/Scale Top Plate](#) on page 12.
2. Using your thumb, lift the center of the Tower Cover to disengage and remove it from the tower housing.



CCP-80634

3. Secure the ferrite of the Color Camera USB Cable to the tower housing.
  - a. Insert the locking head of the cable tie into the slot of the channel feature in the scanner tower.
  - b. Push the ferrite all the way in by sliding the head of the cable tie through the slot.

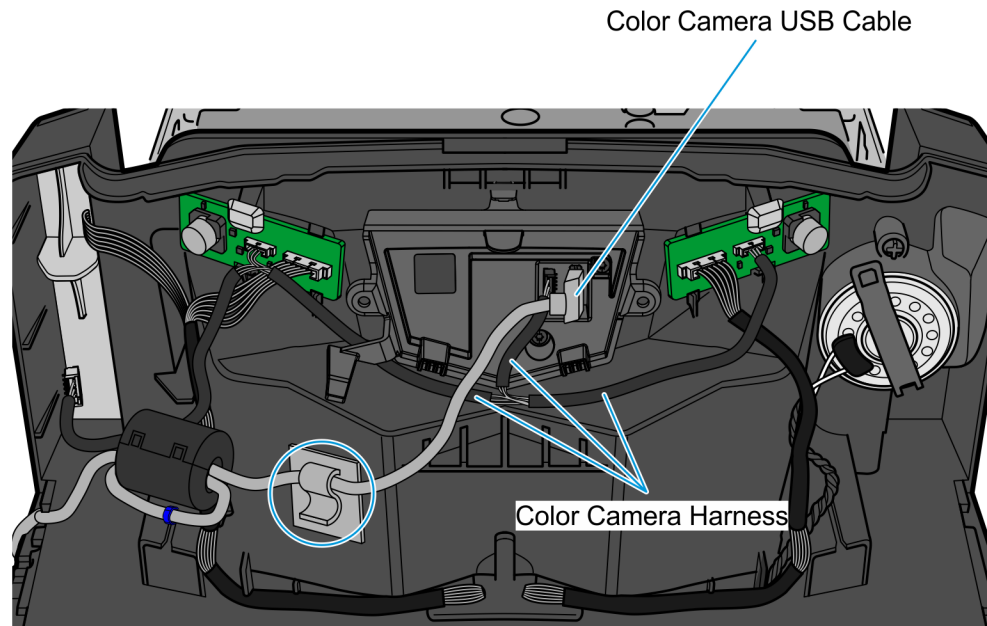


CCP-80962

4. Connect the USB Cable to the Color Camera Assembly and route it under its retainer tab.

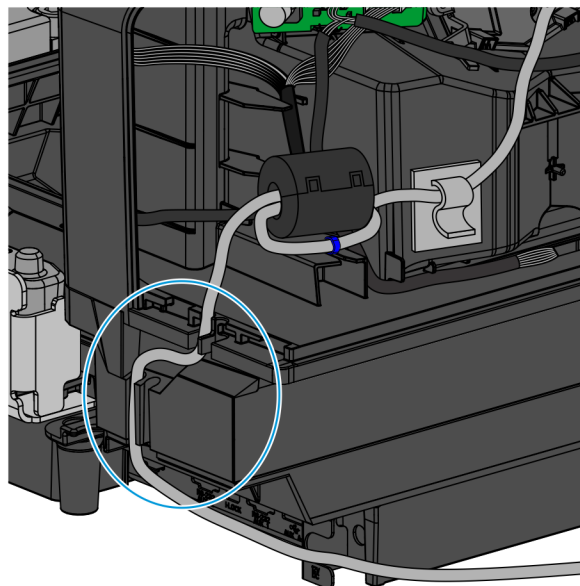


**Caution:** Ensure that the USB Cable is not touching the Color Camera Harness.



CCP-80963

5. Route the USB Cable through the cable exit slot on the side of the Scanner/Scale.



CCP-80961

6. Connect the USB Camera cable into the Terminal Display (USB 3.0 Port A).



**Note:** Ensure that there is enough cable slack to avoid cables from being stretched during installation or removal procedures.

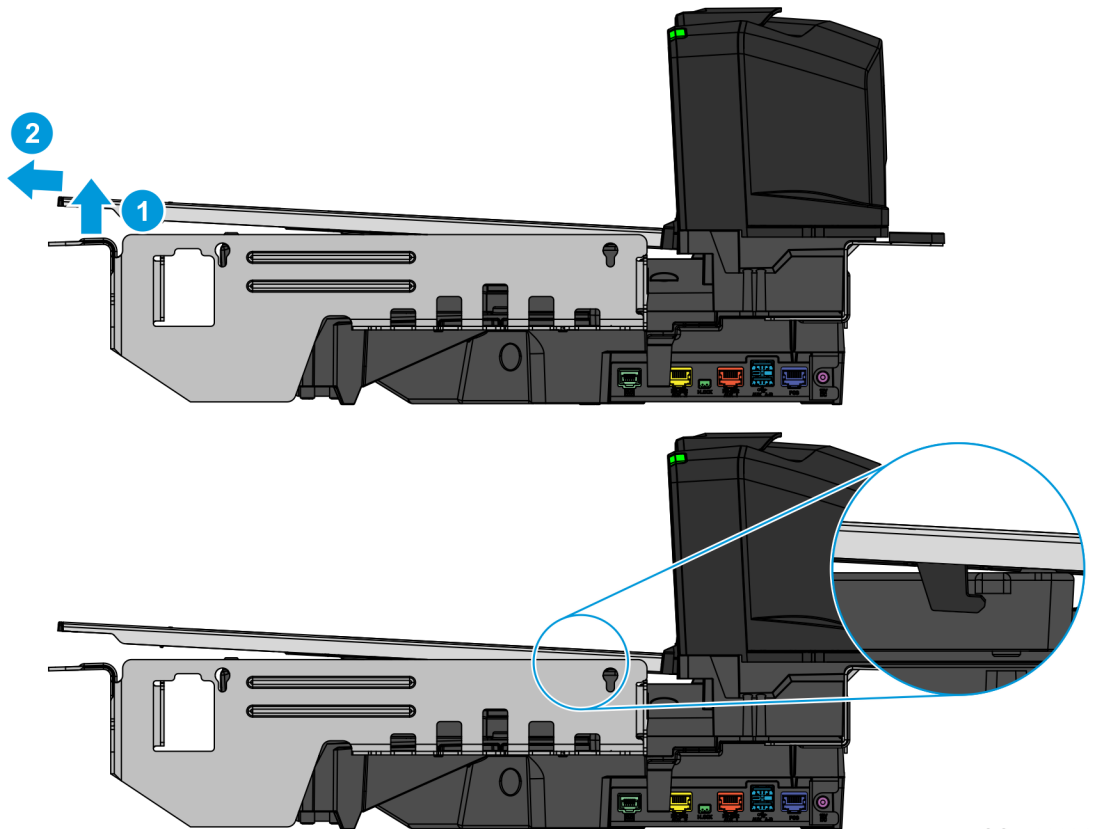
## Removing the 7895 Scanner/Scale Top Plate

Depending on the type of 7895 Scanner, refer to either of the following procedures to remove the Top Plate:

- [7895 Scanner/Scale](#) below.
- [7895 Scanner \(non-scale\)](#) on the facing page.

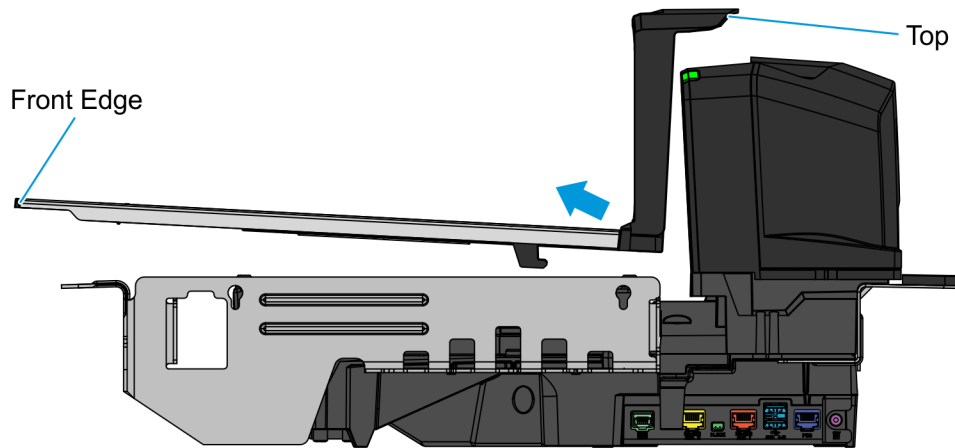
### 7895 Scanner/Scale

1. Slightly lift up the front edge of the Top Plate and slide the Top Plate forward until its hooks are released from the positioning tabs on the scale.





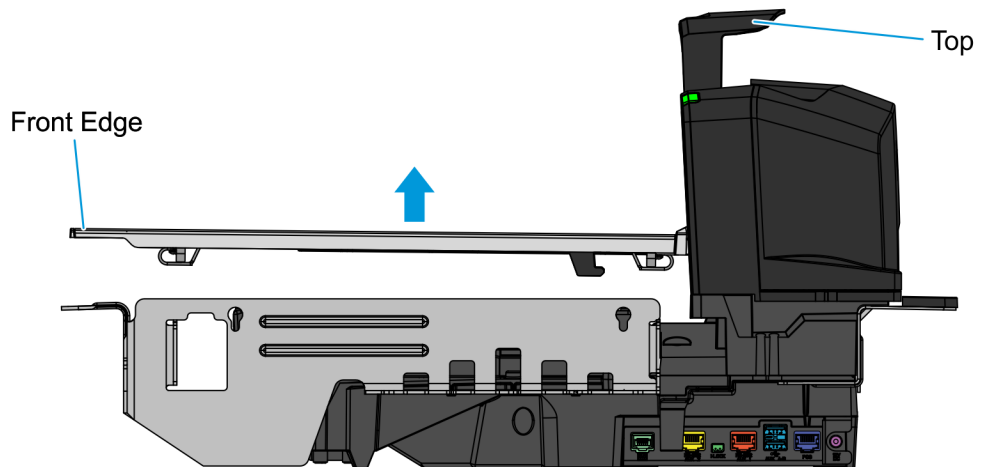
2. Hold the front edge and the top of the Top Plate to pull lift it off the Scanner/Scale.



CCP-80080

### 7895 Scanner (non-scale)

Hold the front edge and the top of the Top Plate to pull and lift it away from the Scanner.

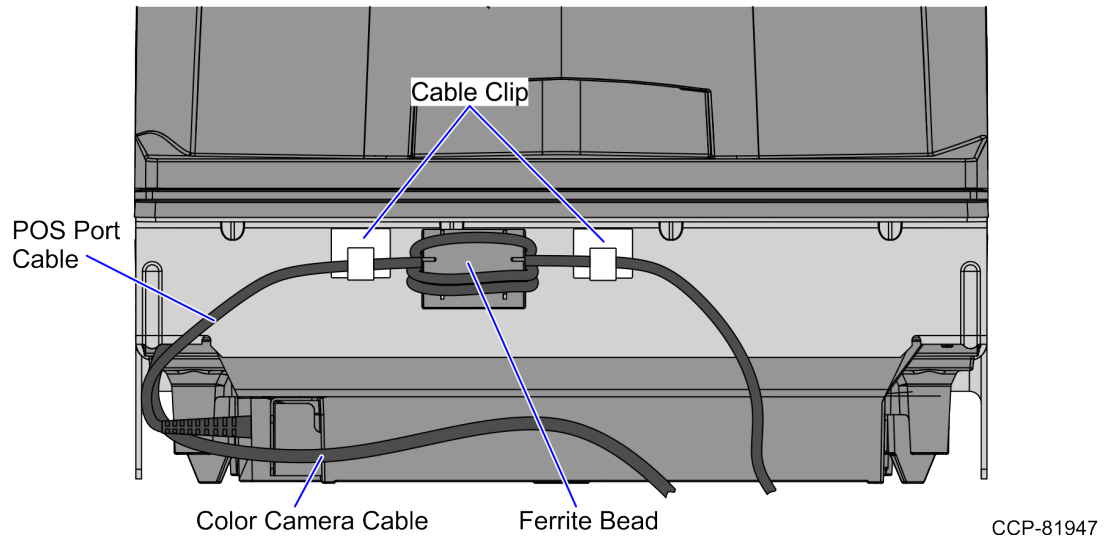


CCP-80044

## Routing the 7895 Scanner/Scale Cables

To route the 7895 Scanner/Scale cables, follow these steps:

1. Route the POS Port cable to the back of the Scanner/Scale and secure the cable at each end of the Ferrite Bead to the corresponding cable clips, as shown in the image below.



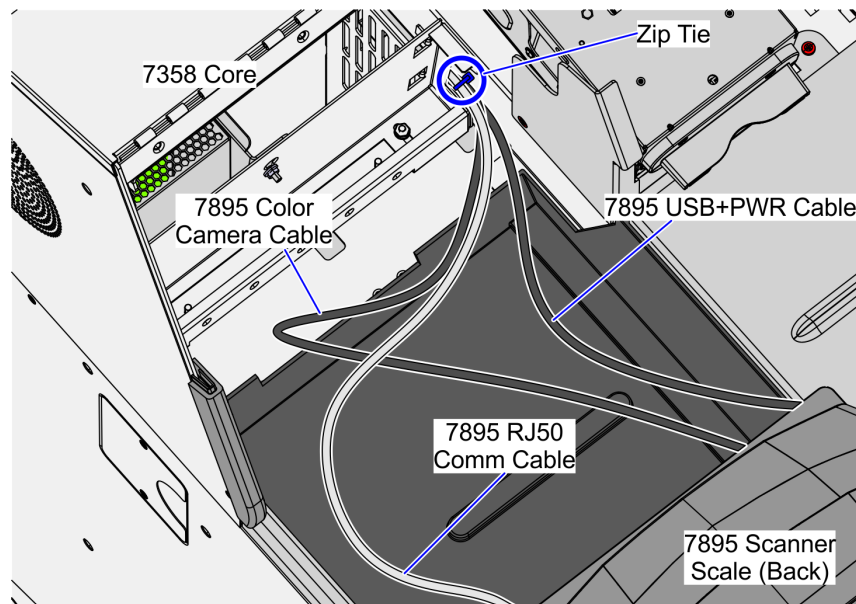
2. Do the following:
  - a. Route the 7895 Scanner/Scale cables from the scanner bucket to the back of the Core Cabinet through the cable access hole.

- b. Using a cable tie, secure the cables together on the anchor at the corner of the scanner bucket.



**Note:** Ensure that there is enough cable slack to avoid cables from being stretched during installation or removal procedures. For reference, refer to the table below for the approximate length of cable slack:

Cable	Approximate Length (from anchor to Scanner/Scale)
7895 Color Camera Cable	90 cm
7895 Scanner/Scale Cable	42 cm
7879e Scanner/Scale Cable	42 cm



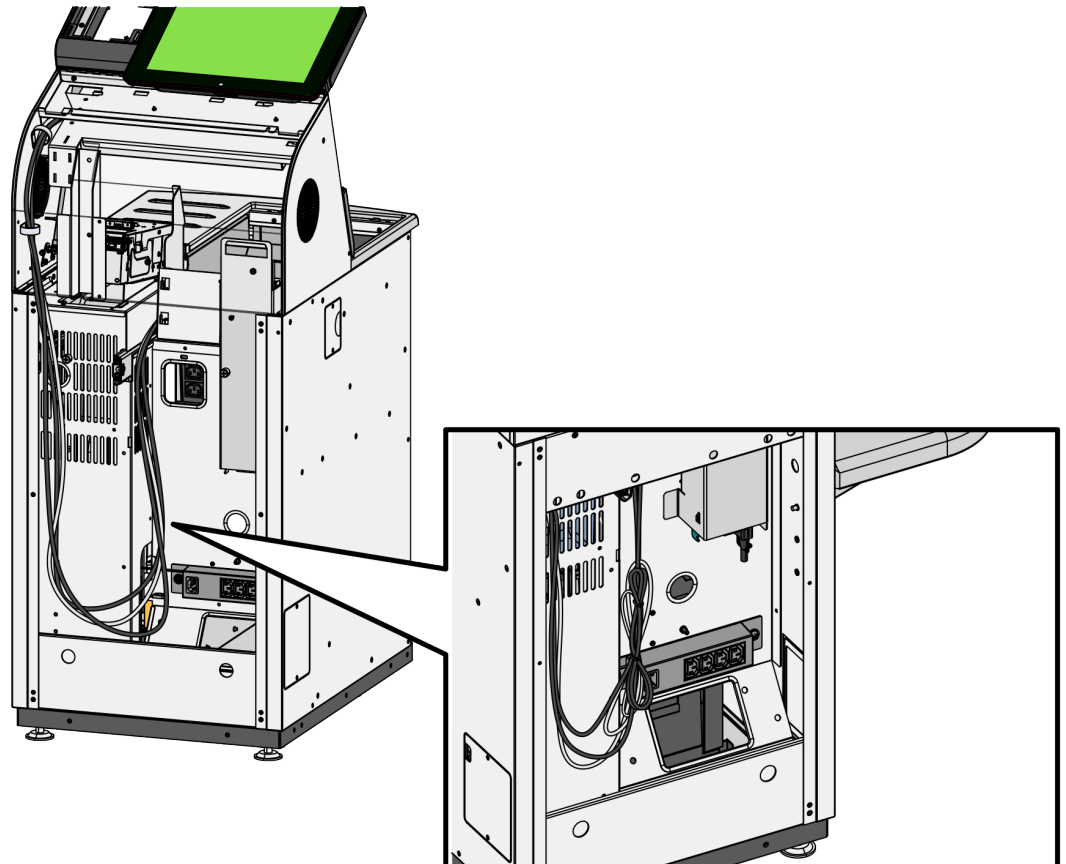
3. From the back of the Core Cabinet, route the other end of the cables up to the Tower Cabinet, and then secure with a cable ties.



**Note:** Do not discard the 7879e Scanner/Scale cable. Using a cable tie, secure it in place together with the 7879 Scanner/Scale cable.



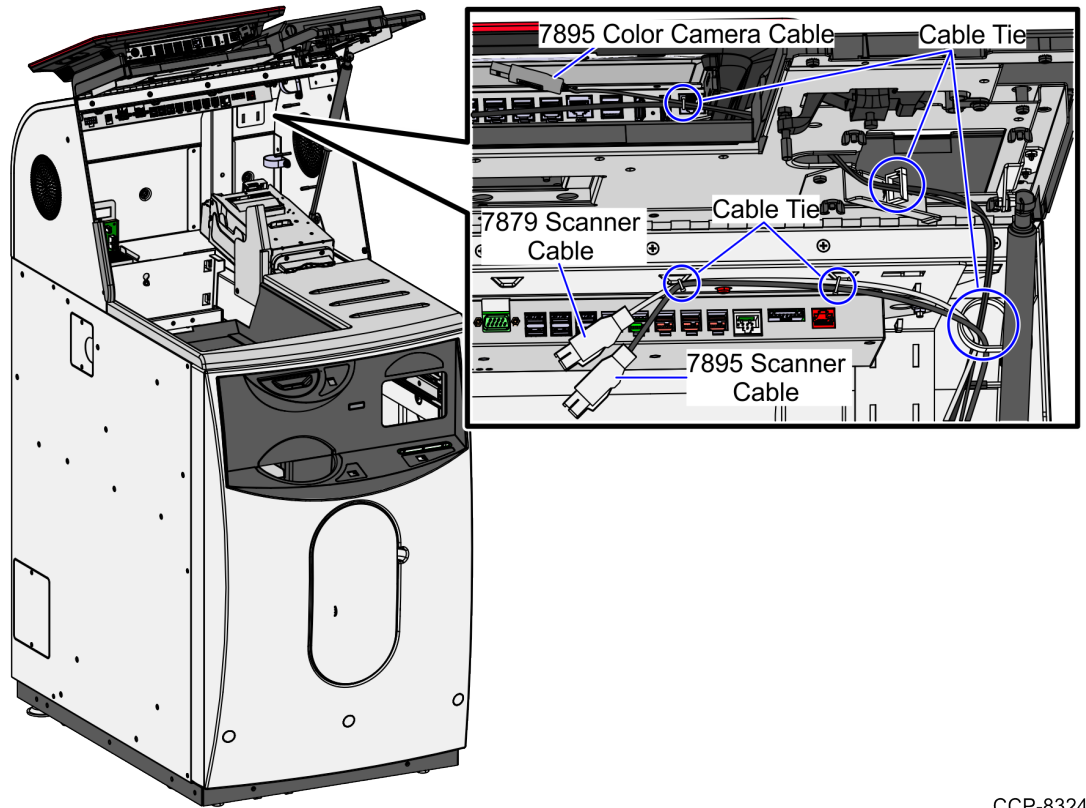
**Note:** Drop the excess cable at the back of the Core Cabinet. Ensure to separate the power cables from the interface cables.



CCP-83241

4. Connect the cables to the corresponding ports.

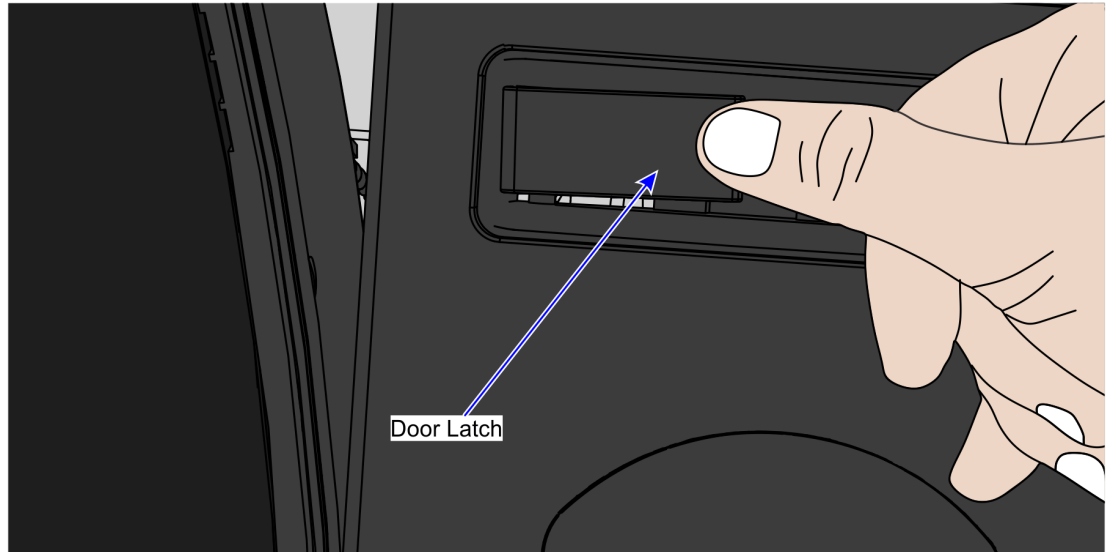
Cable	Destination
7895 Scanner/Scale	I/O Box USB H (+12V)
Camera Cable	Terminal Display USB 3.0 Type A Port



## Closing Tower Cabinet

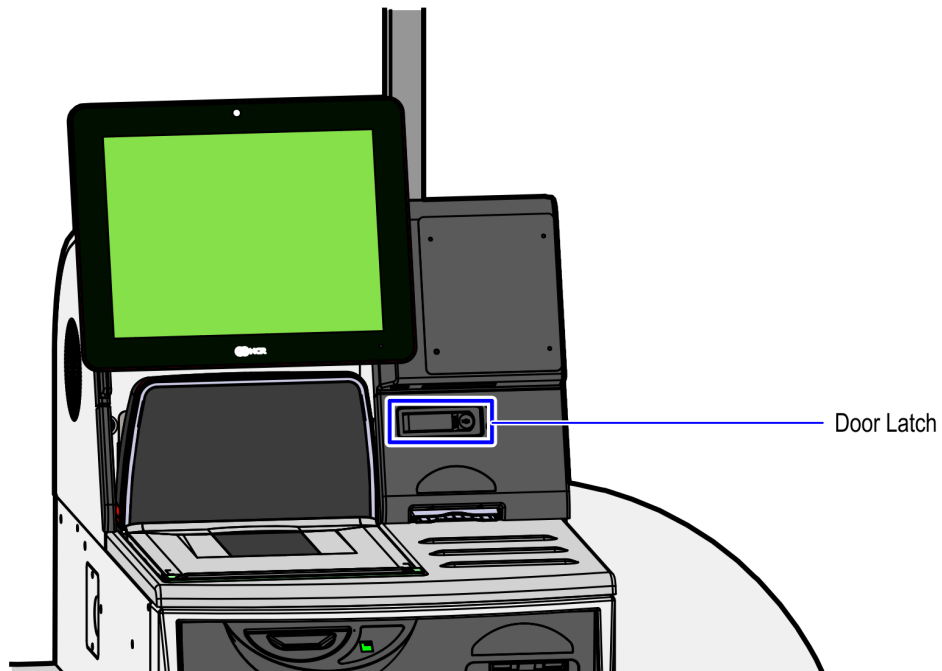
To close the Tower Cabinet, follow these steps:

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



CCP-72719

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



CCP-74762

3. Remove keys.