



## Kit Instructions

# NCR 7895 Scanner/Scale Upgrade

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7360-K890

Issue A

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# Revision Record

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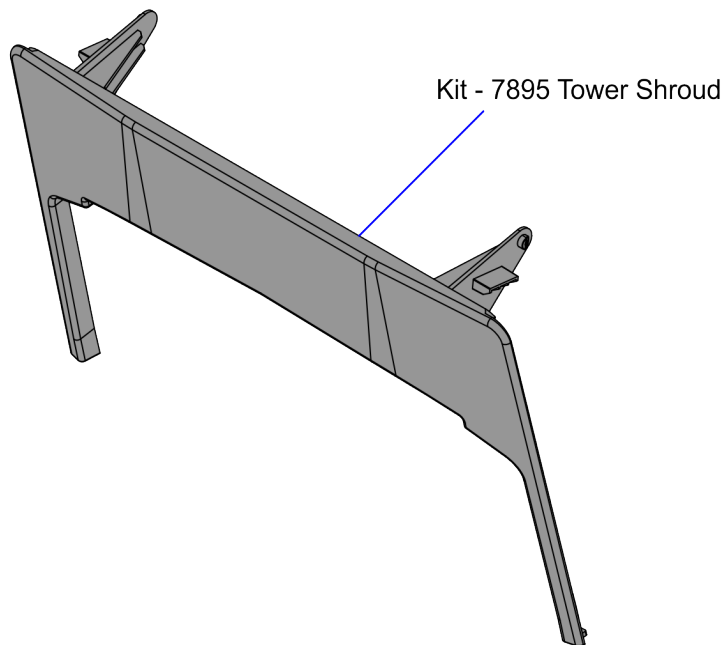
| Issue | Date     | Remarks      |
|-------|----------|--------------|
| A     | Dec 2023 | First issue. |

# 7360-K890 NCR 7895 Scanner/Scale Upgrade

The NCR 7895 Scanner/Scale 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 (7360) unit—that is configured with an NCR RealScan 79e (7879) Scanner/Scale—with an NCR 7895 Scanner/Scale Scanner.

## Kit Contents



CCP-84251

| Part Number | Description   |
|-------------|---|
| 497-0532334 | 7895 Upgrade Kit for 7360 (Fixed Config Only)               |
| 497-0529905 | KIT - 7895 Tower Shroud                                     |
| 007-9714414 | Tie Strap Plain 5.60LG (5 pcs)                              |
| 497-0529515 | Cable - USB+PWR 12V to Modular RJ50 (2.13m) with Flag Label |

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| Part Number   | Description  |
|---------------|--|
| 497-0529516   | Cable - Scanner Color Camera USB3 Type C to Type A, (2m) |
| * 497-0423108 | Instructions Kit (Reference Sheet)                       |

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

# Installation Procedure

To upgrade the 7360 unit with a 7895 Scanner/Scale, follow these steps:

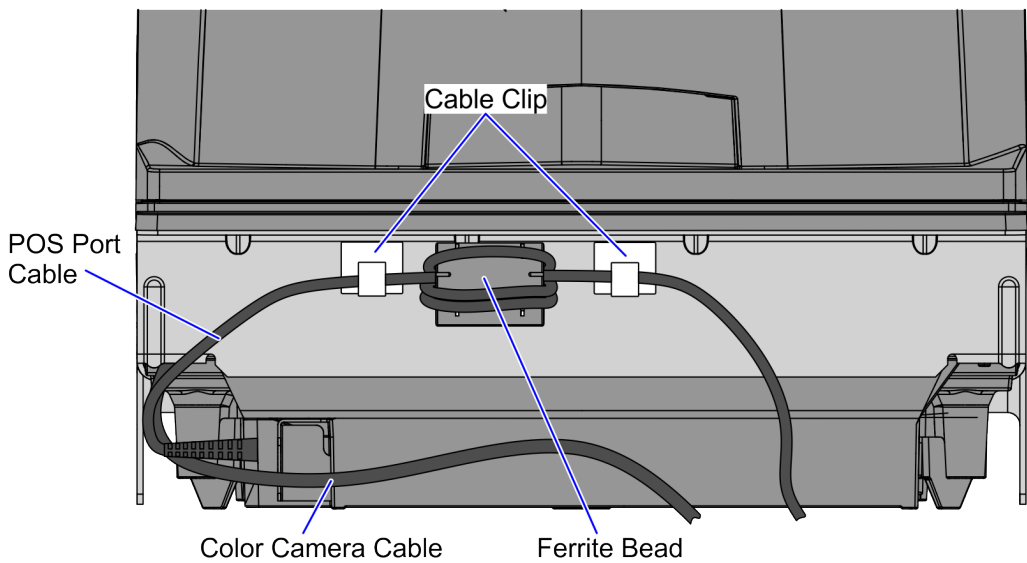
1. Turn off the SelfServ Checkout software and hardware systems.
2. Remove the existing NCR RealScan 79e (7879) Scanner/Scale. For more information, refer to [Removing the Scanner/Scale \(7879e\) on page 8](#).

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

3. Install the Color Camera USB cable. For more information, refer to [Installing the Color Camera USB Cable on page 10](#).
4. Connect cables to their corresponding ports on the Scanner/Scale.

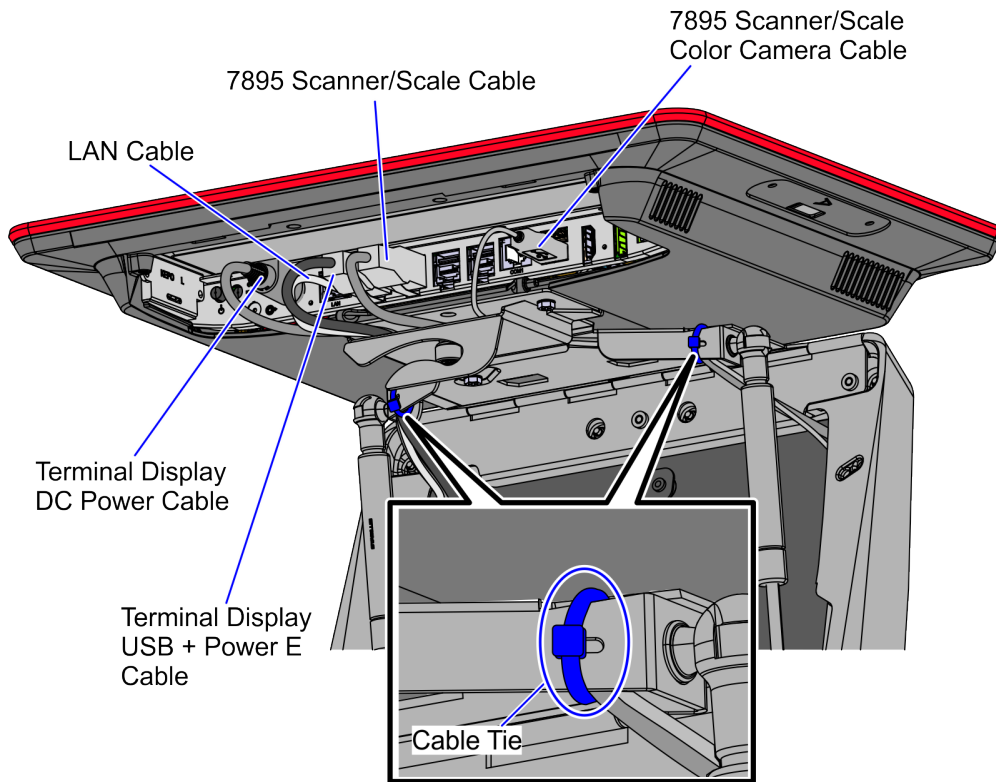
| Cable        | Scanner/Scale Port  |
|--------------|---|
| Camera cable | Internal Port<br><br><b>Note</b><br>To install the Camera cable in the Scanner/Scale, refer to <a href="#">Installing the Color Camera USB Cable on page 10</a> . |
| Main cable   | POS Port  |

5. 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.



CCP-81947

- Route and secure the scanner cables to the Tower Frame using cable ties, as shown in the image below.

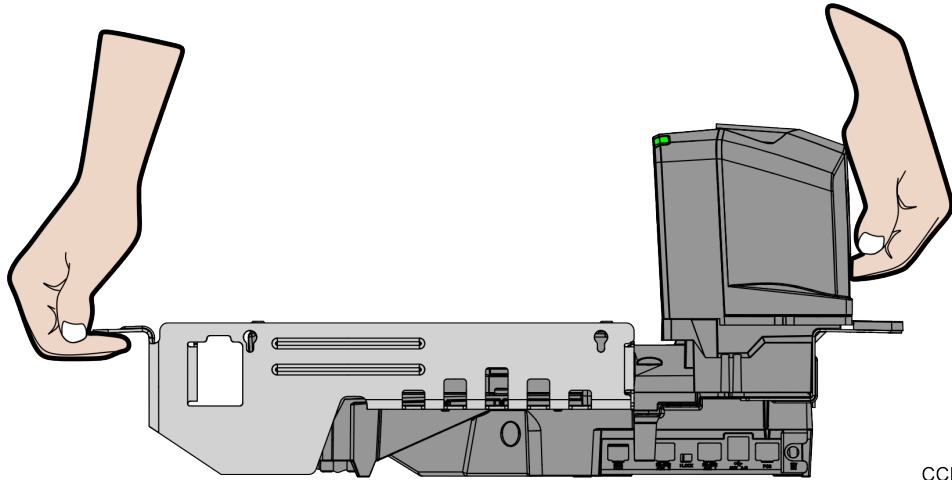


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- Connect the other end of the scanner cables to the corresponding ports in the Terminal Display.

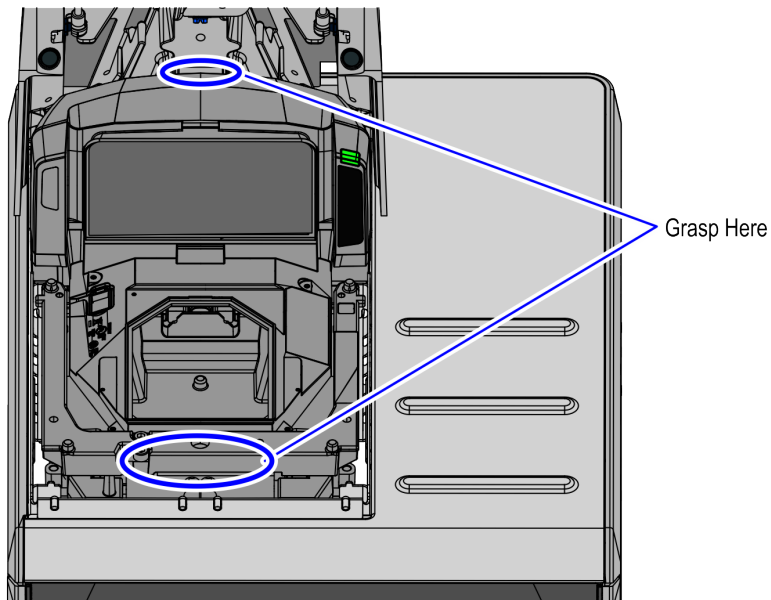
| Cable        | Terminal Display Port |
|--------------|-----------------------|
| Camera cable | USB Type B 3.0 Port   |
| Main cable   | USB Power Port C +12V |

8. Place the Scanner/Scale in the scanner bucket by doing the following:
  - a. Hold the support handles on the front and back of the Scanner/Scale.



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- b. Slightly tilt the Scanner/Scale while placing it in the scanner bucket.

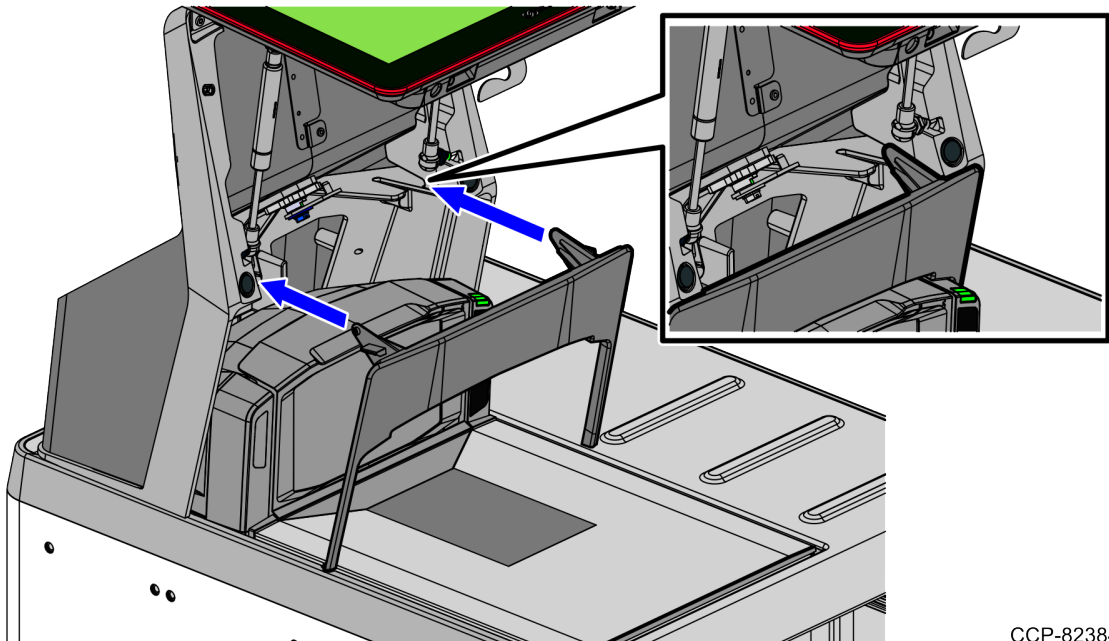


CCP-79769

9. Install the Scanner/Scale Top Plate. For more information, refer to [Installing the 7895 Scanner/Scale Top Plate on page 14.](#)



10. Attach the Shroud to the Scanner/Scale by engaging it into the slots on the Tower Frame, as shown in the image below.



CCP-82384

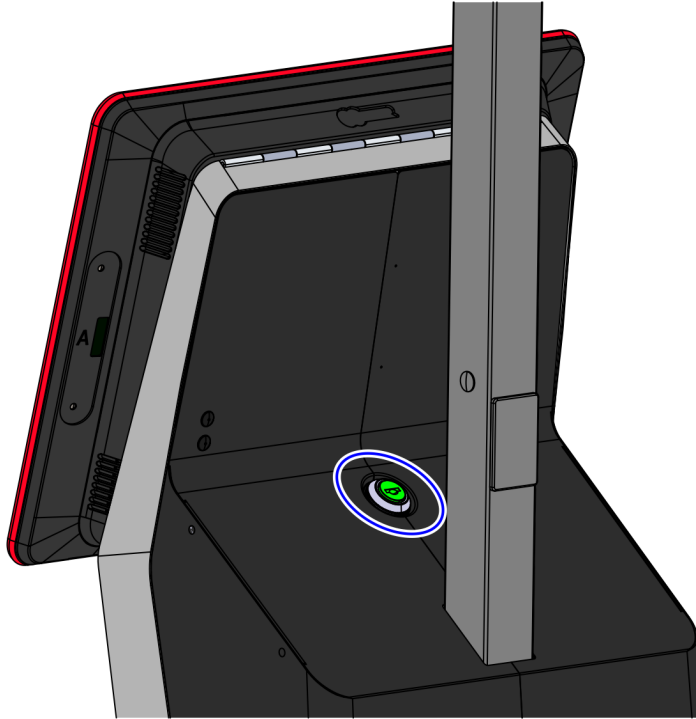
**i Note**

The Scanner/Scale must be calibrated before the system goes live. For more information, refer to [NCR 7895 Scanner/Scale Installation Guide \(BCC5-0000-5507\)](#).

## Opening the Tower Frame

To open the Tower Frame, follow these steps:

1. Unlock the Tower Frame from the back panels using a key.



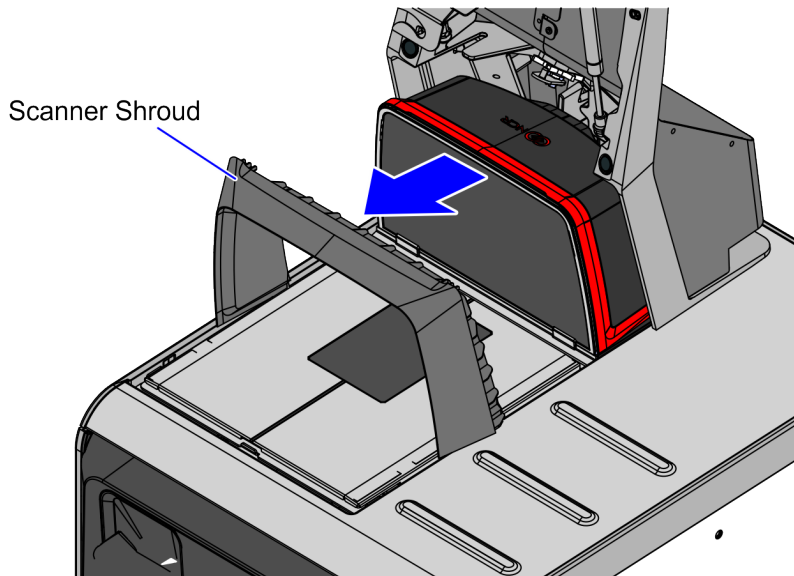
CCP-61622

2. Lift the Terminal Display from Tower Frame.

## Removing the Scanner/Scale (7879e)

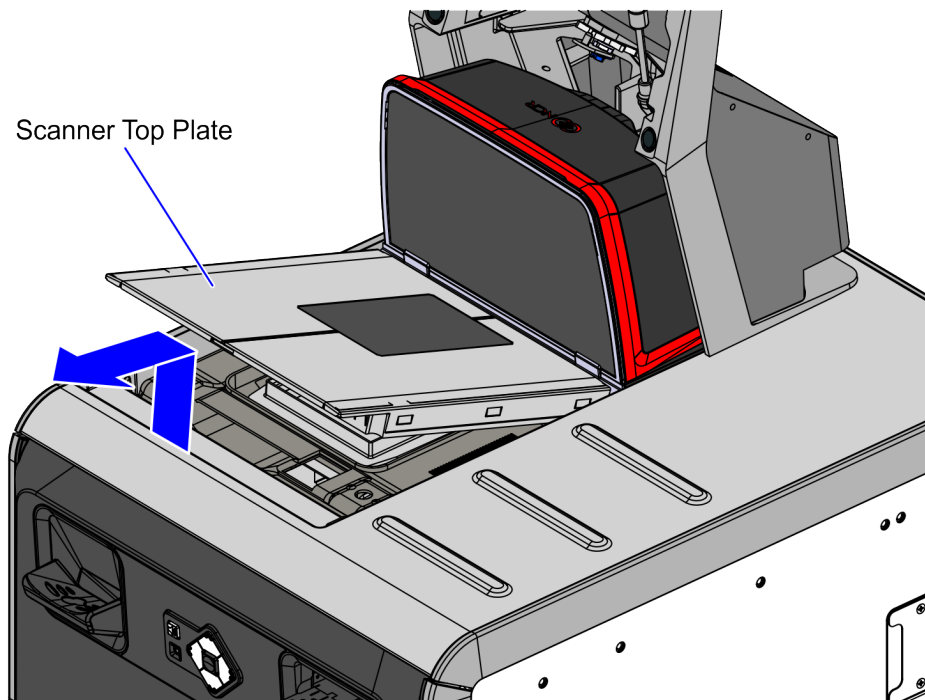
To remove the Scanner/Scale (7879e), follow these steps:

1. Open the Tower Frame. For more information, refer to [Opening the Tower Frame on the previous page](#).
2. Remove the Scanner Shroud from the top of the vertical scanner window.



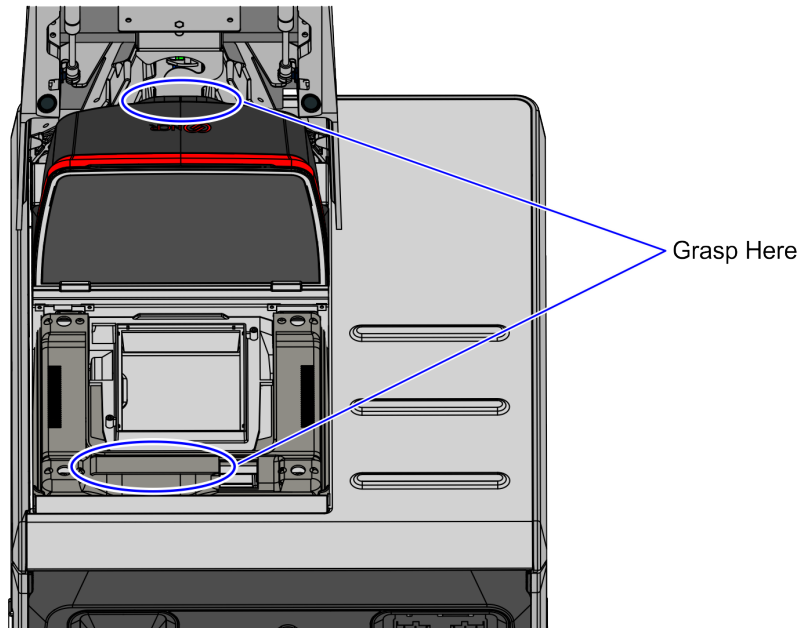
CCP-74813

3. Remove the Scanner Top Plate from the Scanner/Scale.



CCP-79671

4. Remove the Scanner/Scale by doing the following:
  - a. Grasp the front of the Scanner/Scale and lift up.
  - b. Grasp the back of the Scanner/Scale and slide it out of the bucket area.



CCP-61625

5. Disconnect the cables from the Scanner/Scale.



**Tip**

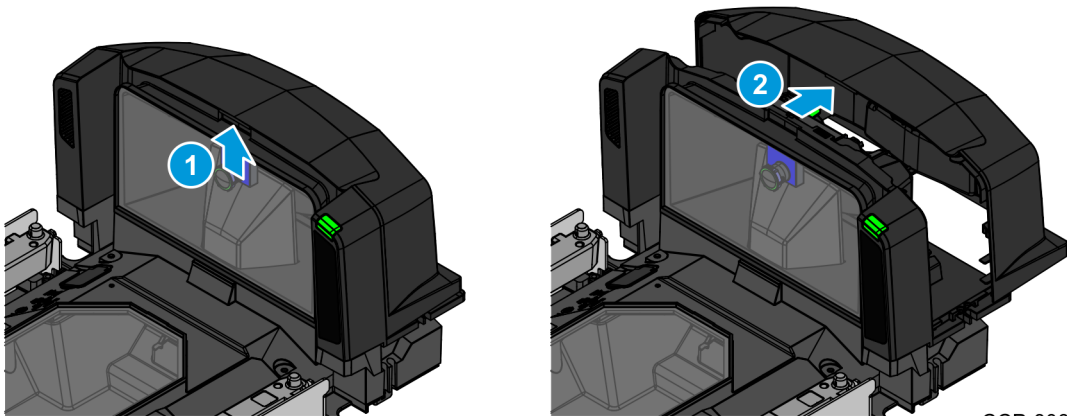
Mark all cables as to where they are connected to quickly determine the corresponding port when reconnecting the cables.

## 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:

**i Note**  
When routing cables, ensure that the 7895 Color Camera cable is as far as possible from the Sensormatic® cables to avoid signal interference between the Sensormatic® EAS system and the Color Camera.

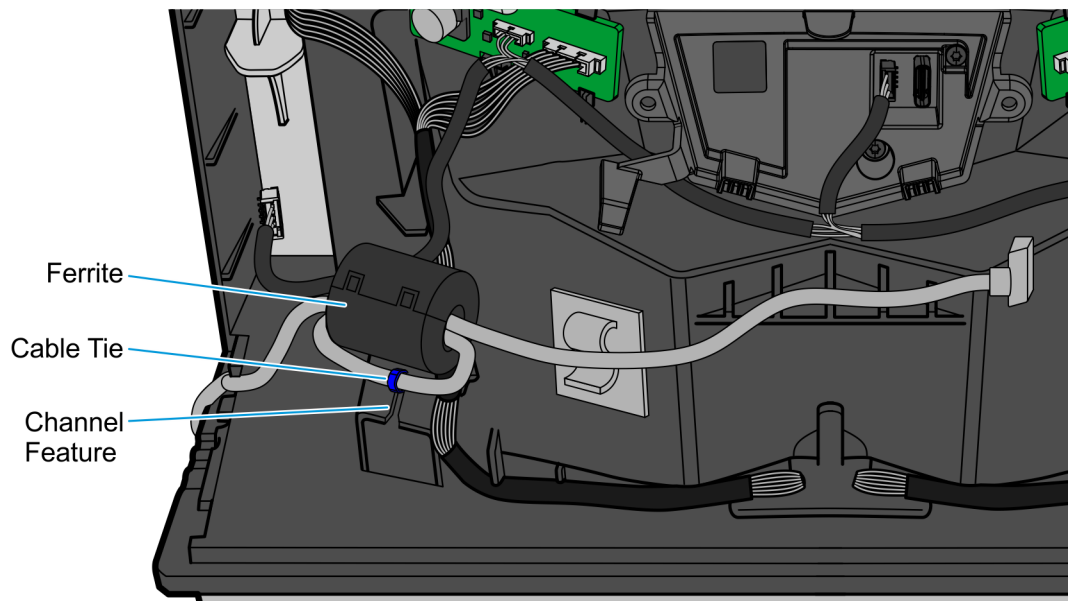
1. Remove the Scanner Top Plate.
2. Using your thumb, lift the center of the Tower Cover to disengage and remove it from the tower housing.



CCP-80634

3. Secure the ferrite of the Color Camera USB Cable to the tower housing.
4. Insert the locking head of the cable tie into the slot of the channel feature in the scanner tower.

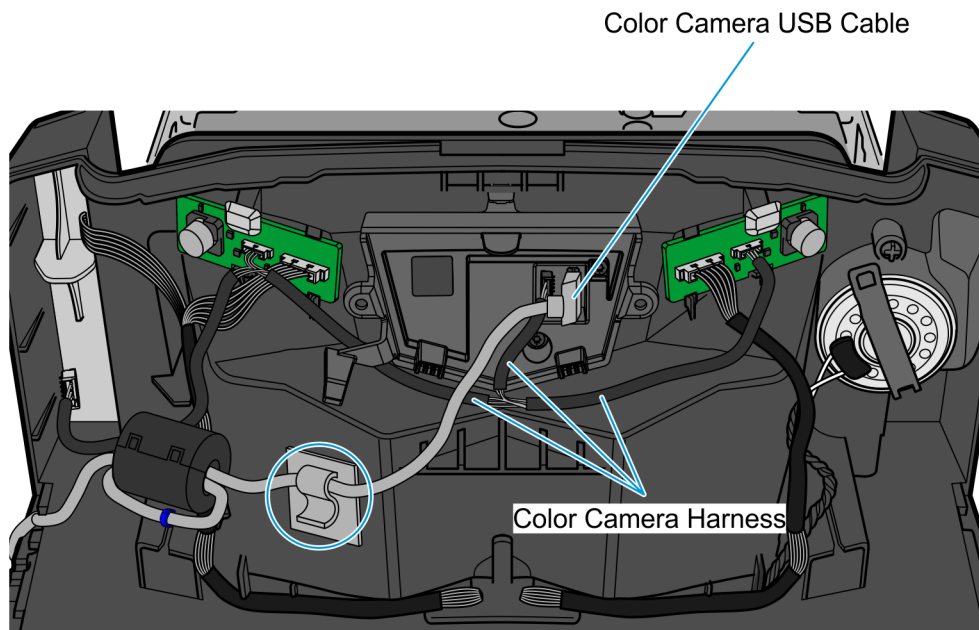
5. Push the ferrite all the way in by sliding the head of the cable tie through the slot.



CCP-80962

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

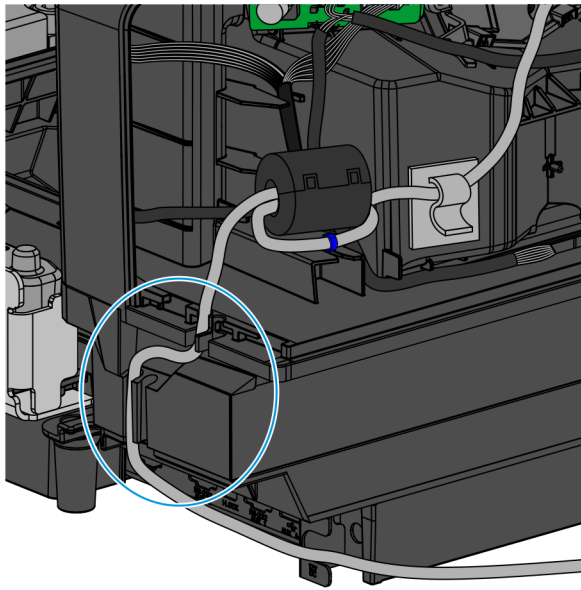
**⚠ Caution**  
Ensure that the USB Cable is not touching the Color Camera Harness.



CCP-80963

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7. Route the USB Cable through the cable exit slot on the side of the tower.

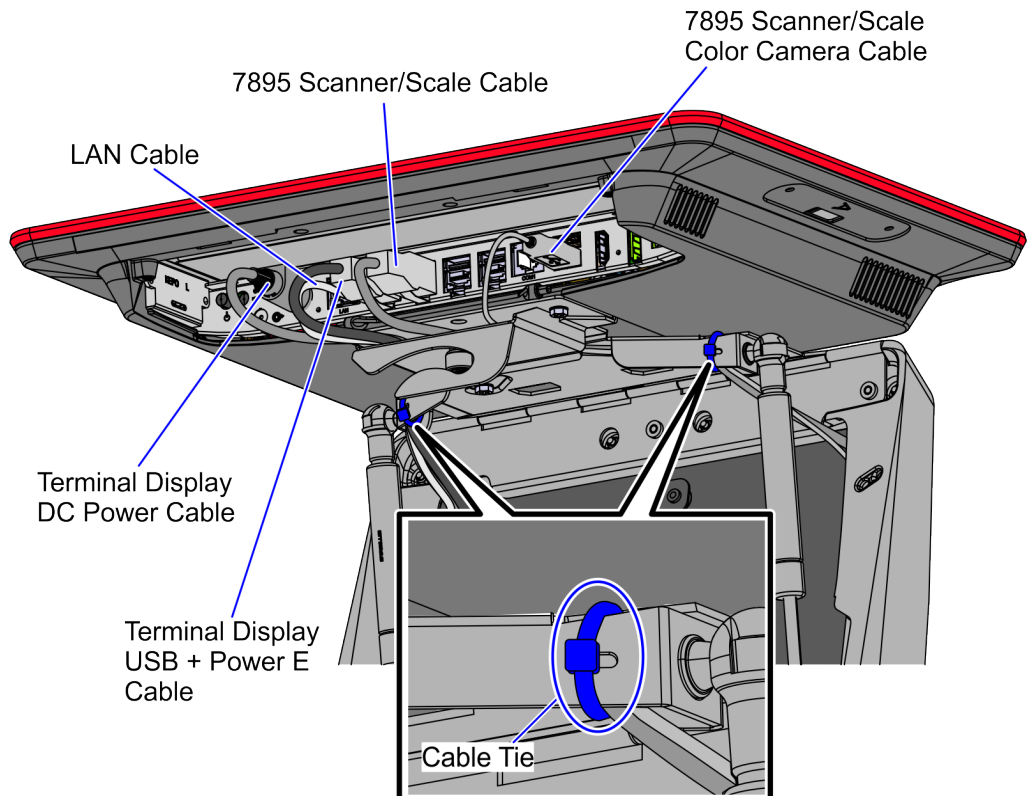


CCP-80961

8. Do the following:
  - a. Route the cable through the side of the Display Hinged Bracket and secure using a cable tie, as shown in the image below.

**Note**  
Apply enough slack to the cables so that they can move with the Terminal Display.

- b. Connect the USB Camera cable into the Terminal Display (USB Type A 3.0 Port B).



CCP-82010



## Installing the 7895 Scanner/Scale Top Plate

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

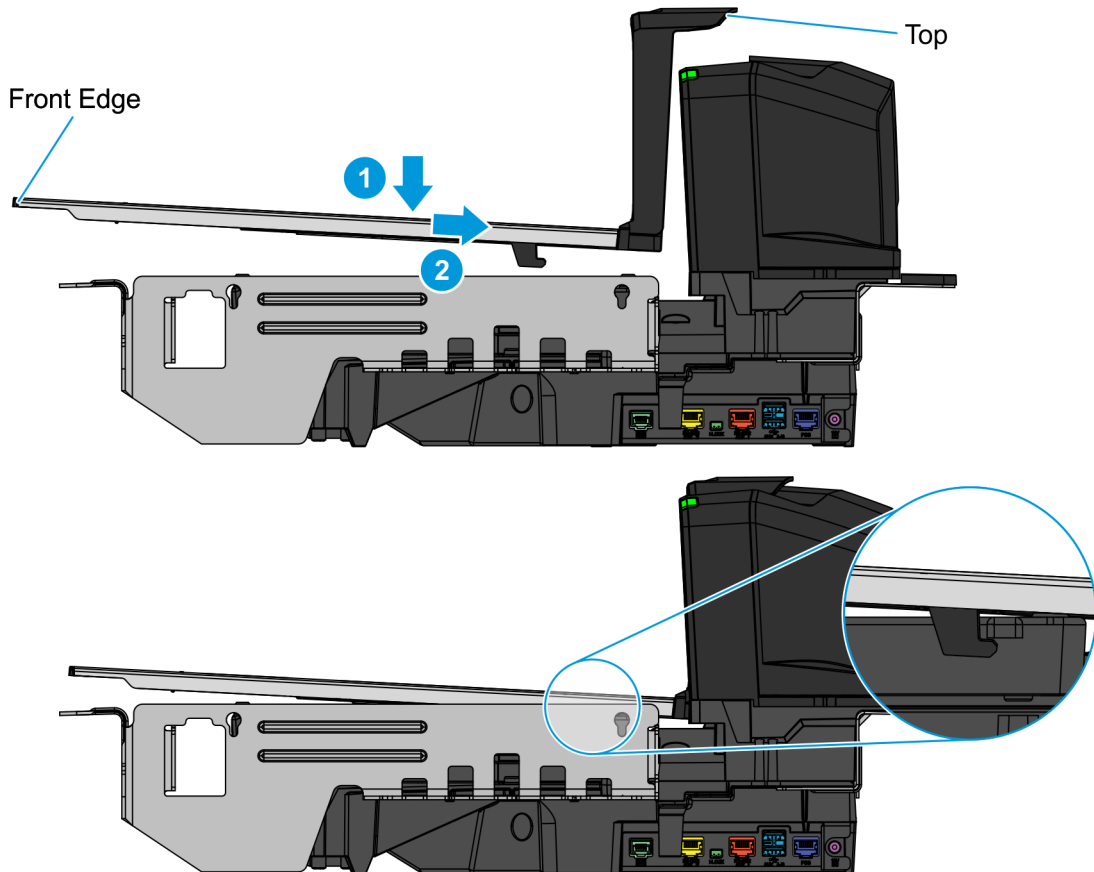
- [7895 Scanner/Scale on the next page](#)
- [7895 Scanner \(non-scale\) on page 17](#)

## 7895 Scanner/Scale

**i Note**

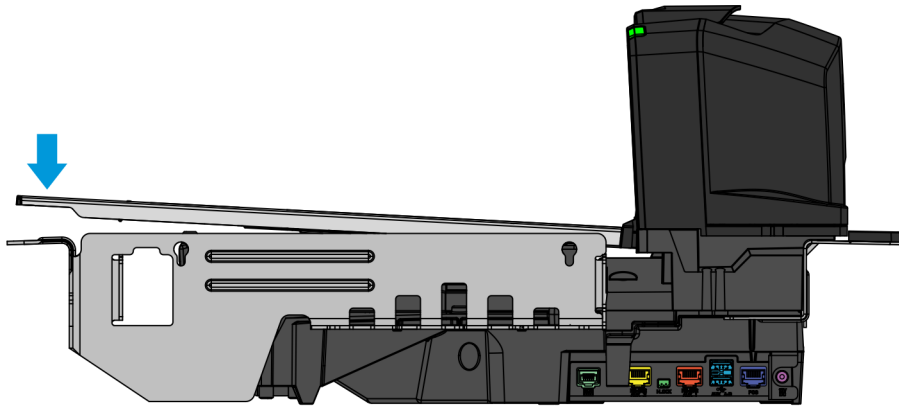
If necessary, remove the Scanner/Scale from the unit and adjust the leveling feet.

1. Hold the front edge and the top of the Top Plate while slightly tilting the Top Plate and then position the Top Plate on top of the scanner base.
2. Slide the Top Plate onto the scanner base until the hooks on the bottom of the Top Plate are positioned under the tabs on the scale.



CCP-80079

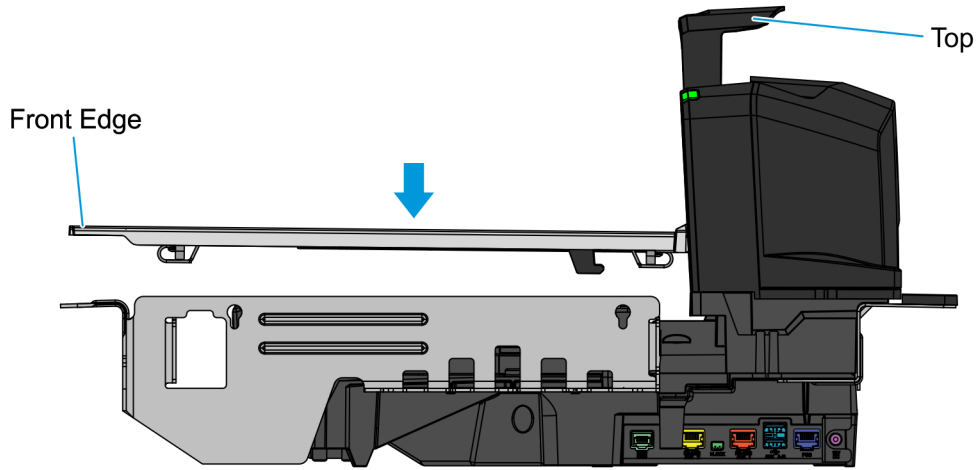
3. Lower the front edge of the Top Plate until the Top Plate sits securely on the scanner base.



CCP-80078

### **7895 Scanner (non-scale)**

Hold the front edge and the top of the Top Plate, and then lower the Top Plate onto the Scanner until it sits on the tabs of the metal frame.

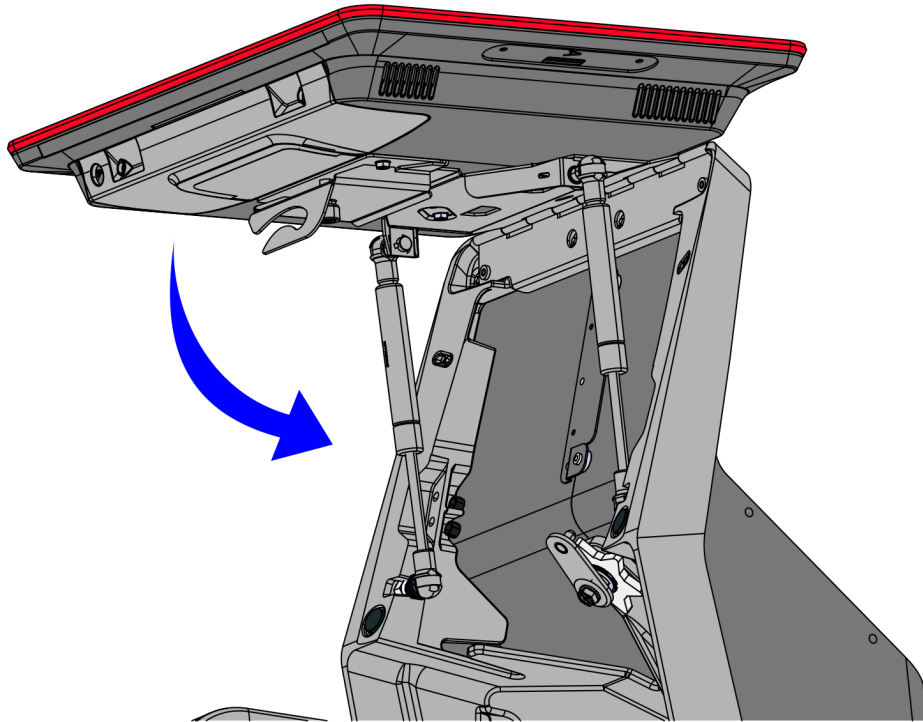


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## Closing the Tower Frame

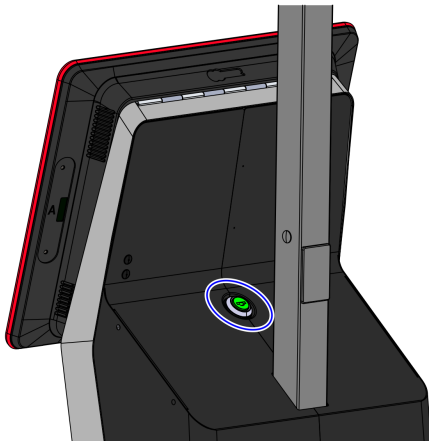
To close the Tower Frame, follow these steps:

1. Lower the Terminal Display to the Tower Frame.



CCP-78942

2. Lock the Tower Frame from the back panels using a key.



CCP-61622

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