



Kit Instructions

7895/7896 Metal Shroud (7360 R6-C)



7360-K897

Issue A

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Revision Record

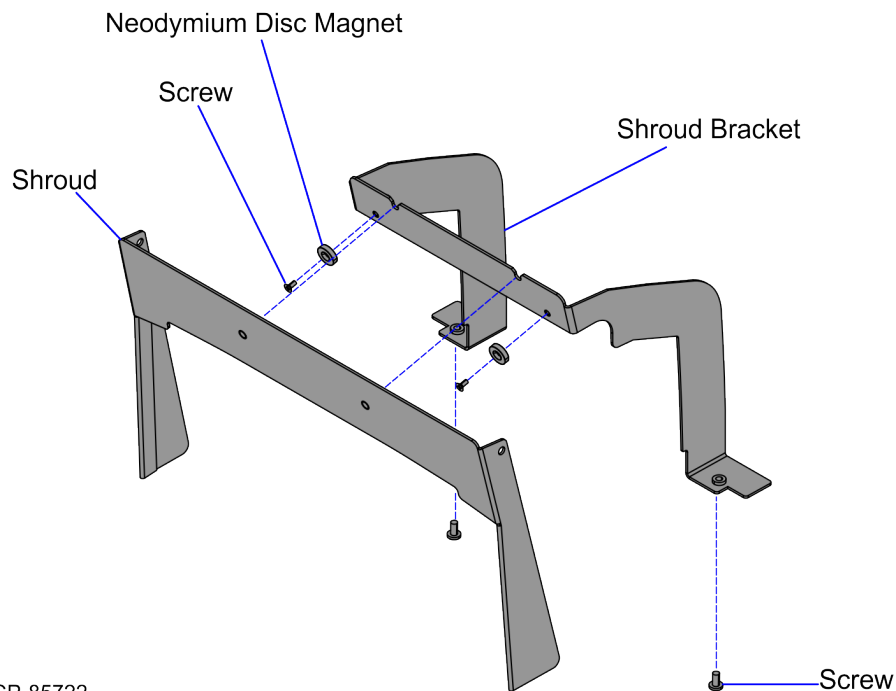
Publication issue	Date	Description of change
A	Jul 2025	First issue.

7360-K897 7895/7896 Scanner Shroud (7360 R6-C)

This publication provides procedures for installing the 7360-K897 7895/7896 Scanner Shroud kit to either the the NCR Voyix 7896 Scanner/Scale or NCR Voyix 7895 Scanner/Scale that is configured in any of the following 7360 R6-C Self-Checkout units:

- NCR FastLane SelfServ Checkout (7360) R6-C Full Function (Fixed)
- NCR FastLane SelfServ Checkout (7360) R6-C Card Only

Kit Contents



CCP-85722

Part Number	Description
497-0538583	7360-K897 7895/7896 Metal Shroud (7360 R6-C)
006-8606423	Screw - M3X.5Px6L Flat Hd Phil Mach, Zinc-Pltd Stl (2 pcs)
006-8616226	Neodymium Disc Magnet, Countersunk Hole (2 pcs)
006-8623674	Screw - M4 X 0.7P X 8 Mm, Machine, Phillips Panhead (2 pcs)
497-0538298	Shroud, Metal, R6, 7895/7896
497-0538299	Shroud, Bracket, R6, 7895/7896

Required Tool

- Screwdriver

Installation Procedure

To install the NCR 7895/7896 Scanner/Scale Shroud, follow these steps:



Note

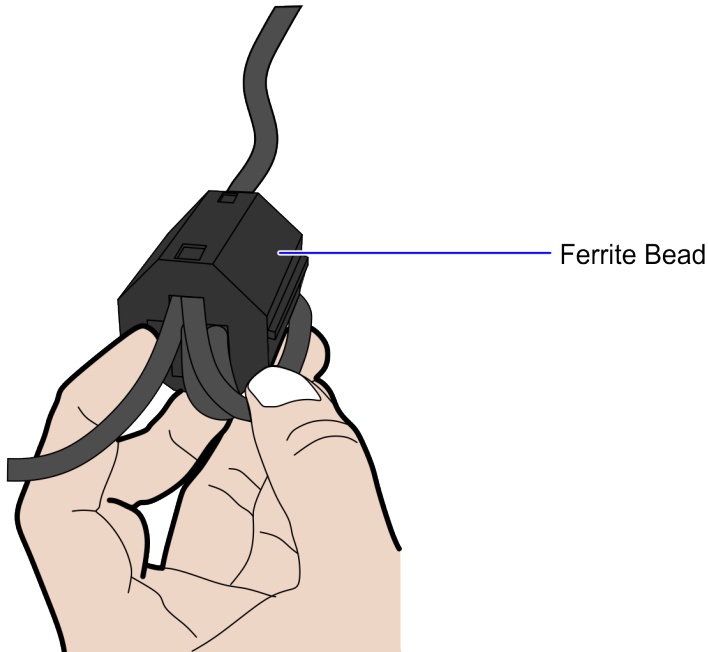
This procedure is applicable for NCR FastLane SelfServ Checkout (7360) R6-C Full Function (Fixed) and NCR FastLane SelfServ Checkout (7360) R6-C Card Only units. Images show the R6-C Full Function (Fixed) for reference only.

1. Shut down the NCR Voyix FastLane SelfServ™ Checkout (7360) software and hardware systems.
2. Open the Tower Frame. For more information, refer to "[Opening the Tower Frame](#)" on page 46.
3. Remove the existing Scanner/Scale. For more information, refer any of the following procedures:
 - "[Removing the 7895 Scanner/Scale from Full Function \(Fixed\) units](#)" on page 33
 - "[Removing the 7895 Scanner/Scale from Card Only units](#)" on page 36
 - "[Removing the 7879e Scanner/Scale from Full Function \(Fixed\) units](#)" on page 41
 - "[Removing the 7879 Scanner/Scale from Card Only units](#)" on page 43

4. If replacing the 7895 Scanner/Scale with a 7896 Scanner/Scale, remove the Ferrite Bead from the Scanner/Scale Power cable.

**Note**

The Ferrite Bead is pre-installed on the 7895 Scanner/Scale cable.



CCP-85753

5. Route the cables into the Self-Checkout unit and Scanner/Scale. Depending on the Scanner/Scale, refer to either of the following procedures:
 - ["Routing the 7896 Scanner/Scale Cables"](#) on the next page
 - ["Routing the 7895 Scanner/Scale Cables"](#) on page 16
6. Install the Shroud. Depending on the Scanner/Scale, refer to either of the following procedures:
 - ["Installing the Shroud on the NCR Voyix 7896 Scanner/Scale"](#) on page 26
 - ["Installing the Shroud on the NCR Voyix 7895 Scanner/Scale"](#) on page 30

**Note**

Once installation is complete, ensure that devices are working properly by powering up the NCR Voyix FastLane SelfServ™ Checkout (7360) software and hardware systems.

Routing the 7896 Scanner/Scale Cables

The Scanner/Scale Power cable is the same cable for both the 7895 Scanner/Scale and 7896 Scanner/Scale. It is pre-routed inside the Self-Checkout unit.

The Color Camera USB Cable is different for each Scanner/Scale and it is not shipped with the either the 7895 Scanner/Scale or 7896 Scanner/Scale. It is purchased separately and needs to be installed during the initial setup of the Scanner/Scale. To route the cables and connect the Color Camera cable to the Scanner/Scale and Terminal Display, follow these steps:



Note

When routing cables, ensure that the 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. Contact an NCR Representative about the Sensormatic Antenna for the 7895/7896 NCR Voyix Scanner/Scale.



Caution

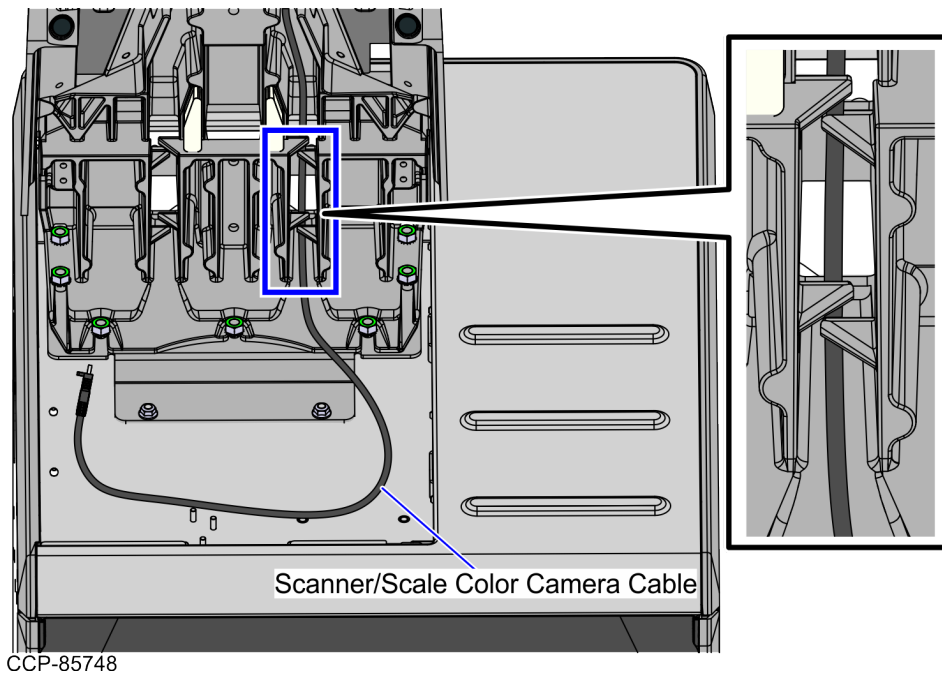
Only authorized personnel from Sensormatic® can install the Sensormatic® Antenna in the field.

1. Open the Tower Frame. For more information, refer to "[Opening the Tower Frame](#)" on page 46.

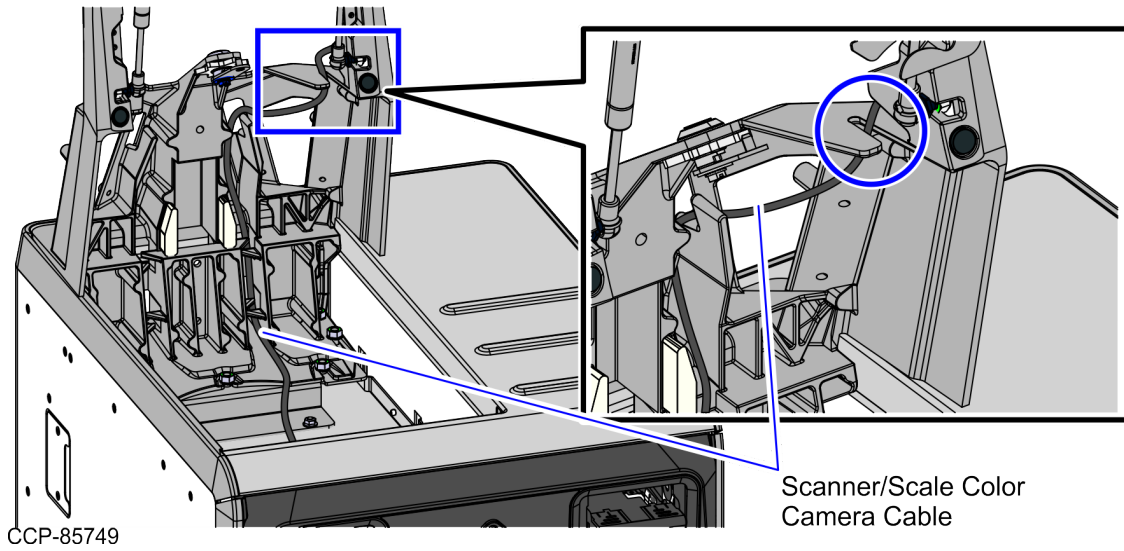
2. Do the following:
 - a. Route the Color Camera cable through the 7360 R6C Tower Frame ribs.
 - b. Insert the cable through the "zig-zag" routing provision on the Tower Frame, as shown the image below.

**Note**

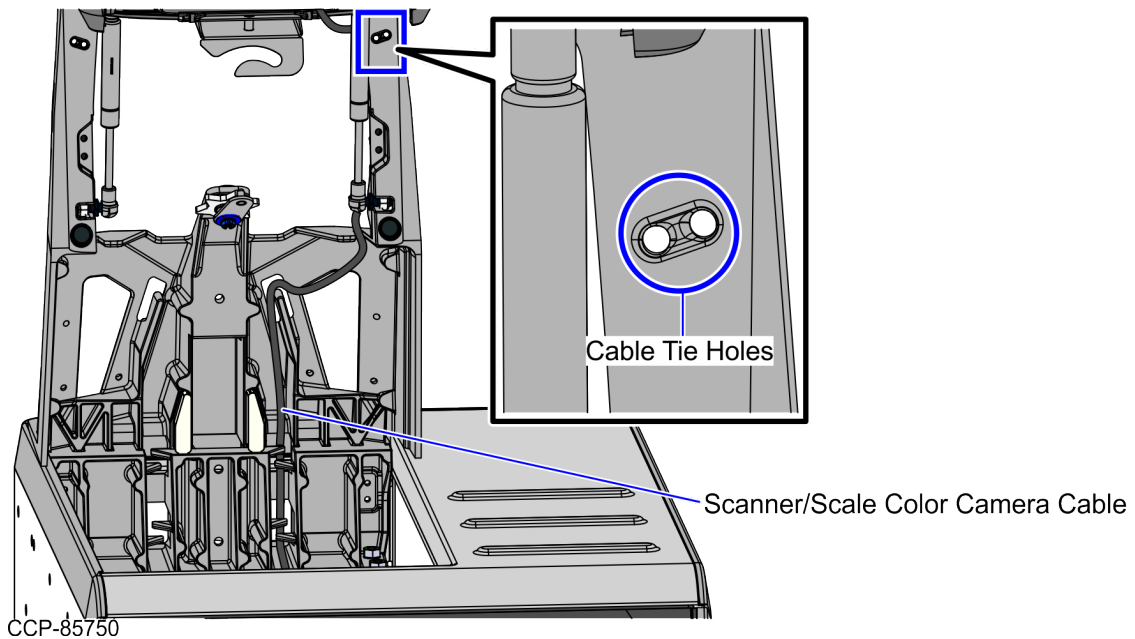
Ensure that there is enough cable slack to avoid cables from being stretched during installation or removal procedures. Provide at least 90 cm (35 in) of cable length/slack from the bottom of the "zig-zag" routing provision.



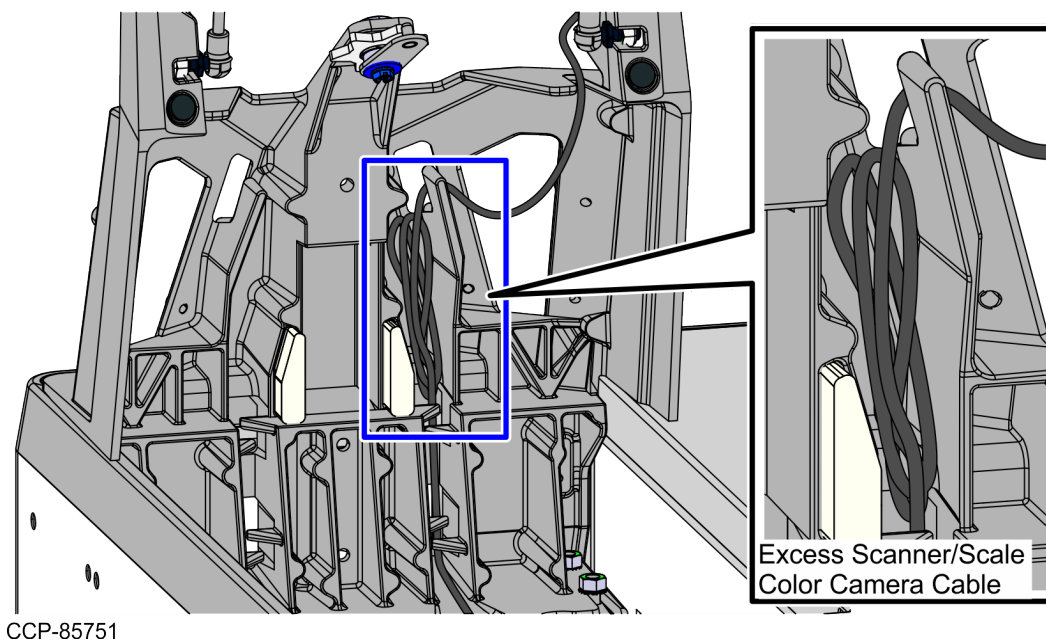
3. Continue to route the Color Camera cable along with the other cables going up the Tower Frame and through the Tower Side Channel, as shown in the image below.



4. Secure the cables using a cable tie that is inserted through the holes on the Tower Frame.



5. Insert excess cable into the space adjacent to the Tower Frame pole duct.



6. Do the following:
- a. Route the Scanner/Scale Power cable and Color Camera cable through the side of the Display Hinged Bracket and secure using cable ties, as shown in the image below.

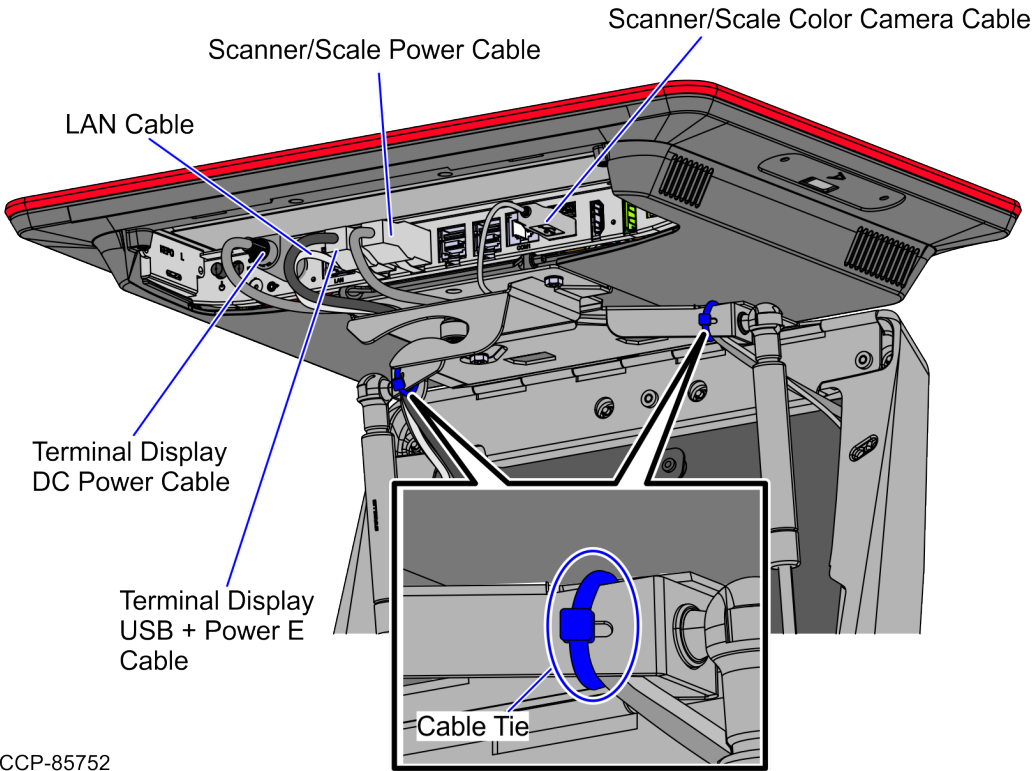


Note

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

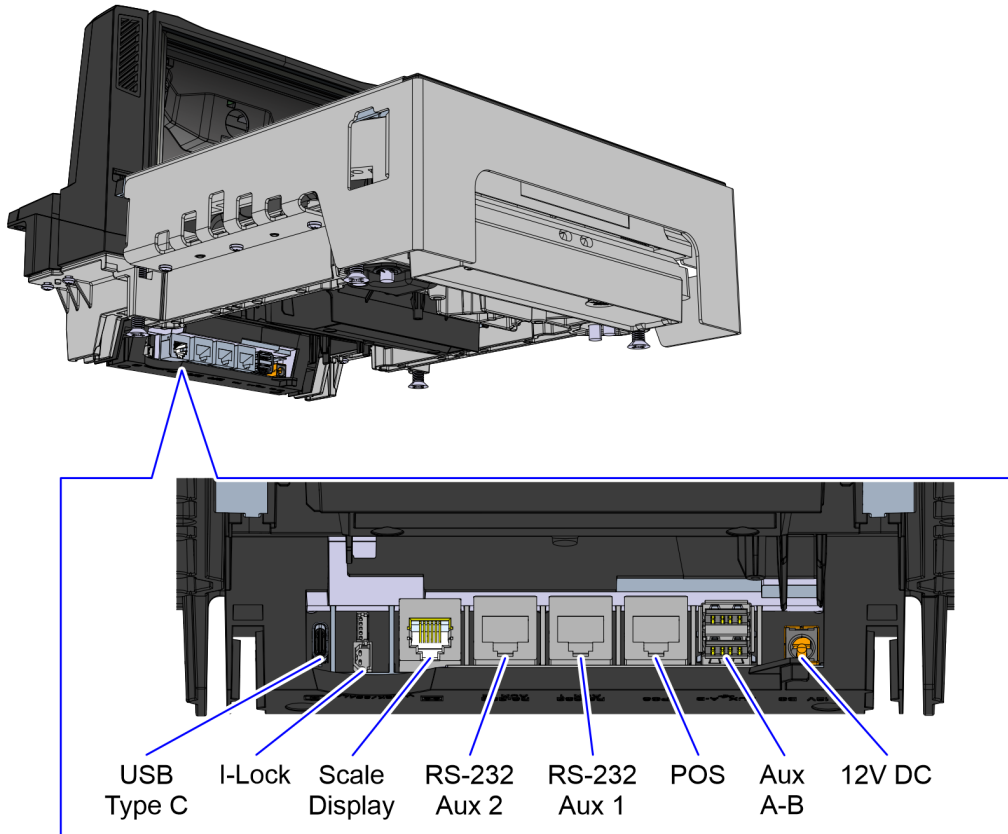
- b. Connect the cables to the Terminal Display.

Scanner/Scale Cable	Terminal Display Port
Scanner/Scale Power Cable	Port C
Scanner/Scale Color Camera Cable	Port B (USB 3.0)



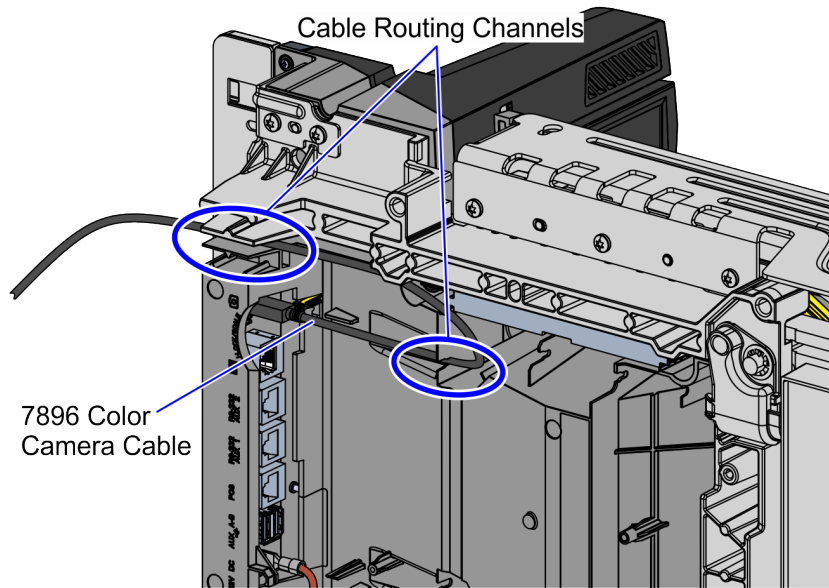
CCP-85752

7. Connect the cables to the 7896 Scanner/Scale by doing the following:
 - a. Plug the Color Camera cable to the 7896 Scanner/Scale USB Type C port.



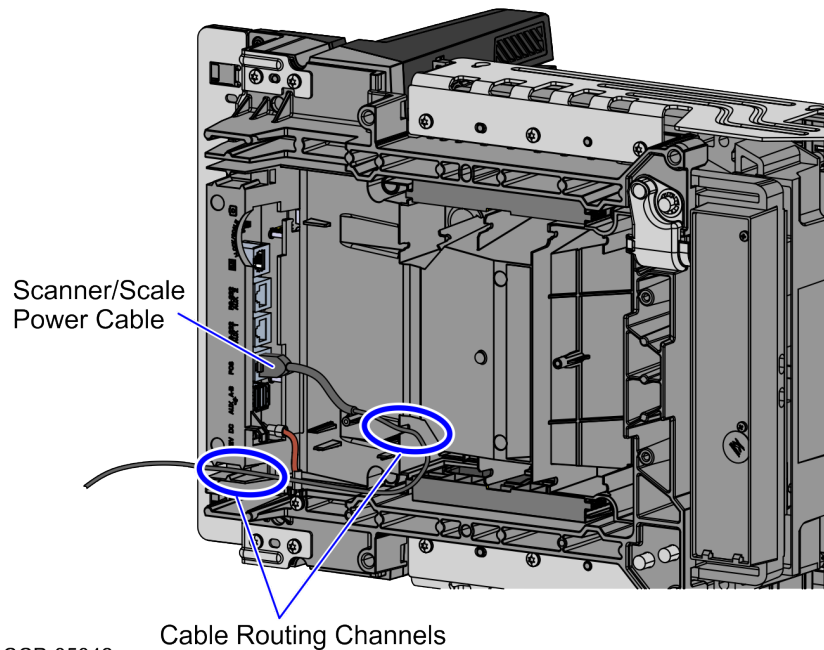
CCP-83980

- b. Route the Color Camera cable through the cable routing channels under the Scanner/Scale, as shown in the image below.



CCP-85769

- c. Plug the Power cable to the 7896 Scanner/Scale POS port.
- d. Route the Power cable through the cable routing channels under the Scanner/Scale, as shown in the image below.



CCP-85842

Routing the 7895 Scanner/Scale Cables

The Scanner/Scale Power cable is the same cable for both the 7895 Scanner/Scale and 7896 Scanner/Scale. It is pre-routed inside the Self-Checkout unit.

The Color Camera USB Cable is different for each Scanner/Scale and it is not shipped with the either the 7895 Scanner/Scale or 7896 Scanner/Scale. It is purchased separately and needs to be installed during the initial setup of the Scanner/Scale. To route the cables and connect the Color Camera cable to the Scanner/Scale and Terminal Display, follow these steps:



Note

When routing cables, ensure that the 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. Contact an NCR Representative about the Sensormatic Antenna for the 7895/7896 NCR Voyix Scanner/Scale.



Caution

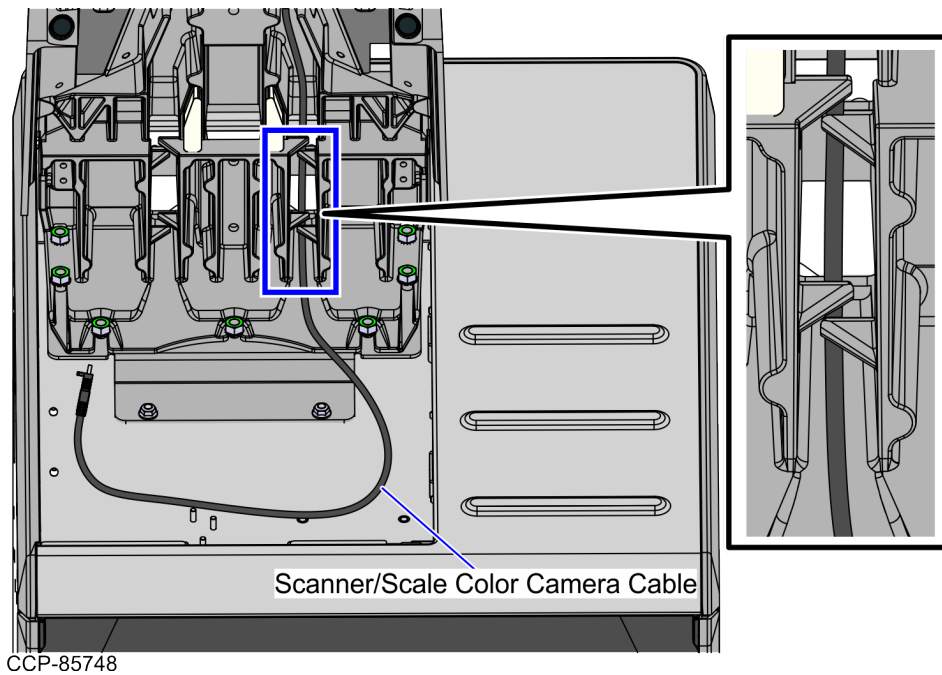
Only authorized personnel from Sensormatic® can install the Sensormatic® Antenna in the field.

1. Open the Tower Frame. For more information, refer to "[Opening the Tower Frame](#)" on page 46.

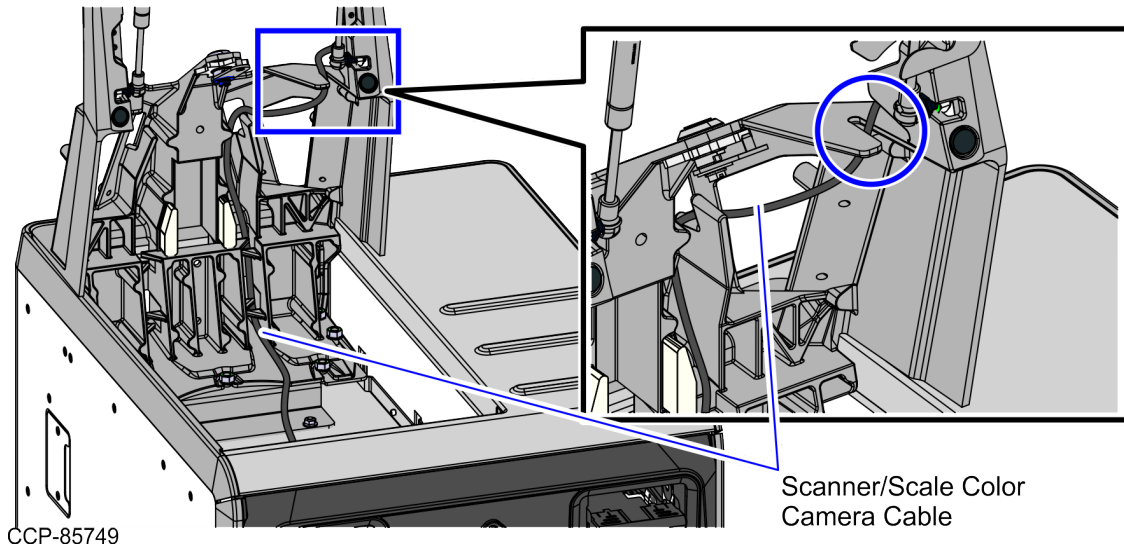
2. Do the following:
 - a. Route the Color Camera cable through the 7360 R6C Tower Frame ribs.
 - b. Insert the cable through the "zig-zag" routing provision on the Tower Frame, as shown the image below.

**Note**

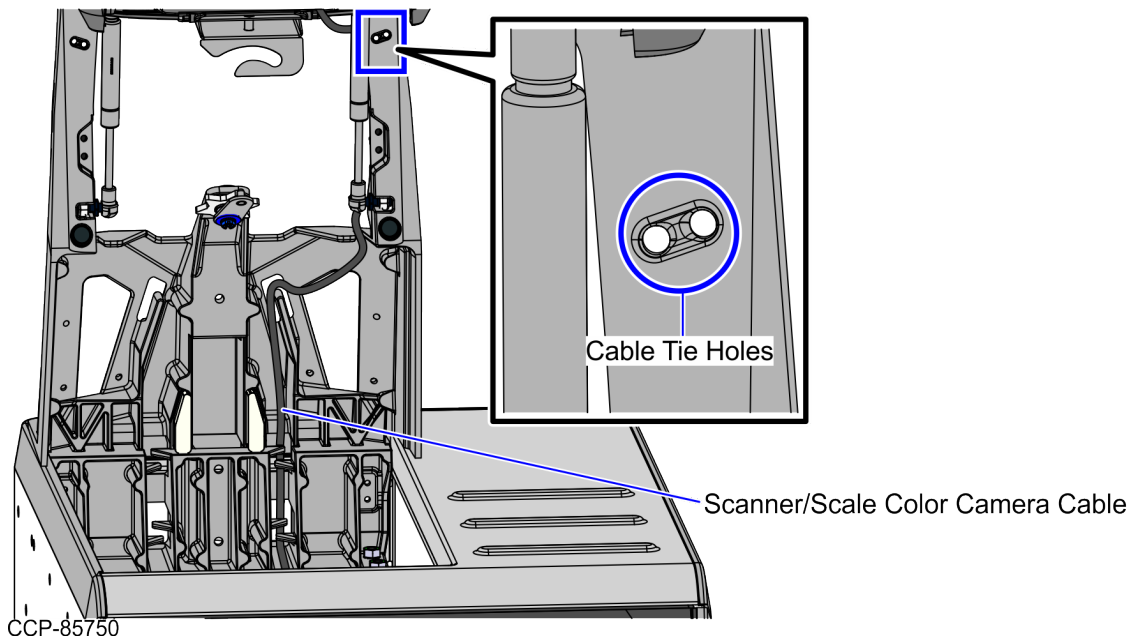
Ensure that there is enough cable slack to avoid cables from being stretched during installation or removal procedures. Provide at least 90 cm (35 in) of cable length/slack from the bottom of the "zig-zag" routing provision.



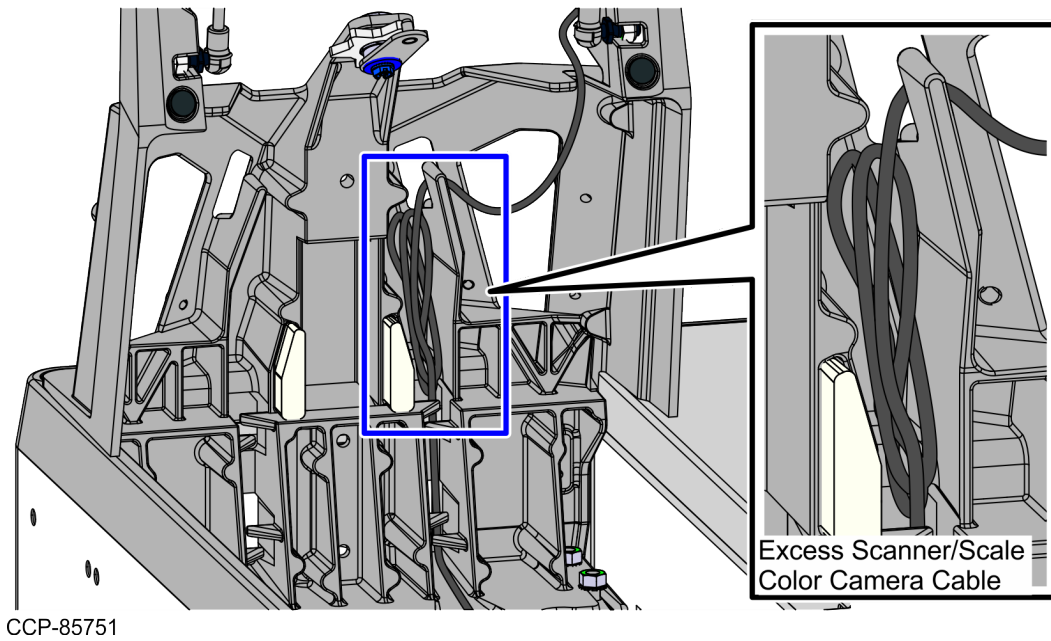
3. Continue to route the Color Camera cable along with the other cables going up the Tower Frame and through the Tower Side Channel, as shown in the image below.



4. Secure the cables using a cable tie that is inserted through the holes on the Tower Frame.



5. Insert excess cable into the space adjacent to the Tower Frame pole duct.



6. Do the following:
- a. Route the Scanner/Scale Power cable and Color Camera cable through the side of the Display Hinged Bracket and secure using cable ties, as shown in the image below.

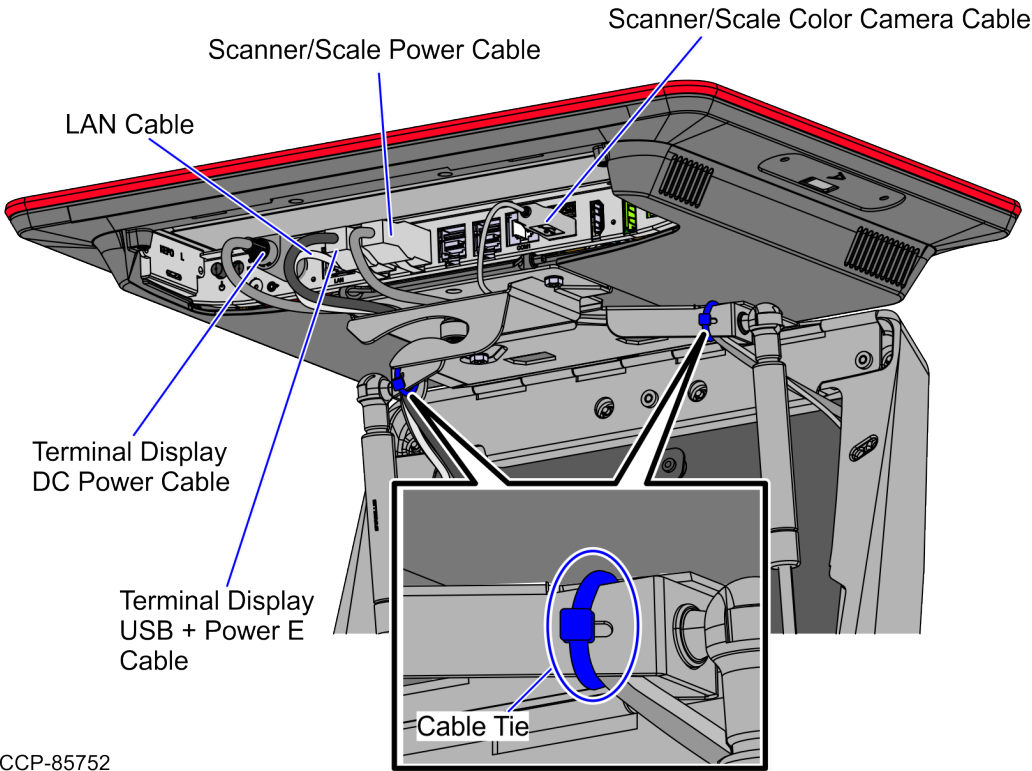


Note

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

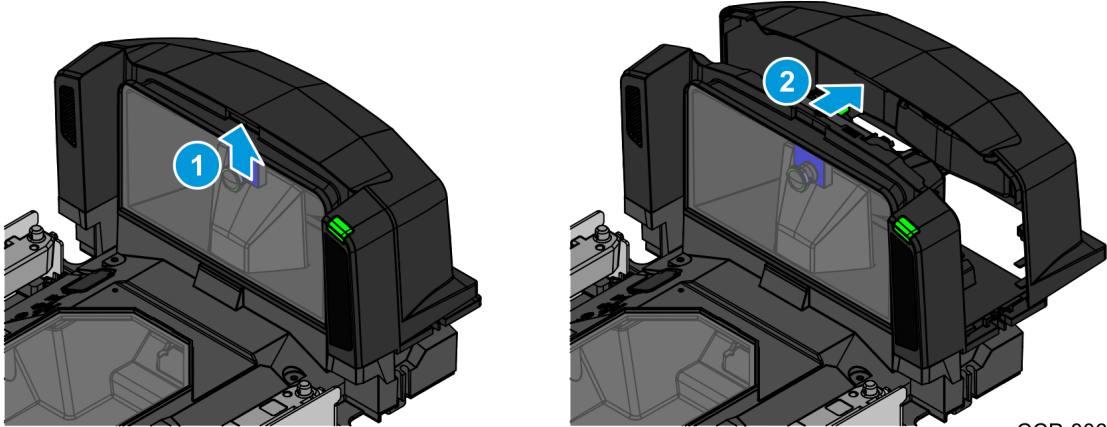
- b. Connect the cables to the Terminal Display.

Scanner/Scale Cable	Terminal Display Port
Scanner/Scale Power Cable	Port C
Scanner/Scale Color Camera Cable	Port B (USB 3.0)



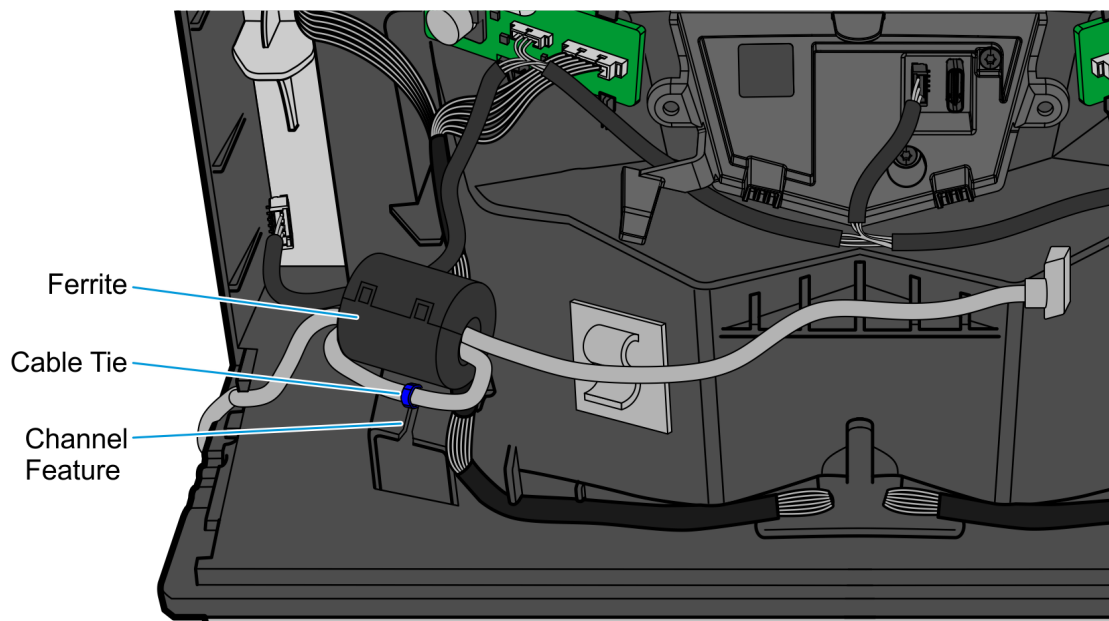
CCP-85752

7. Do the following:
 - a. Remove the Scanner Top Plate. For more information, refer to "[Removing the 7895 Scanner/Scale Top Plate](#)" on page 38.
 - b. Remove the Tower Cover by using your thumb to lift the center of the Tower Cover to disengage it from the tower housing.



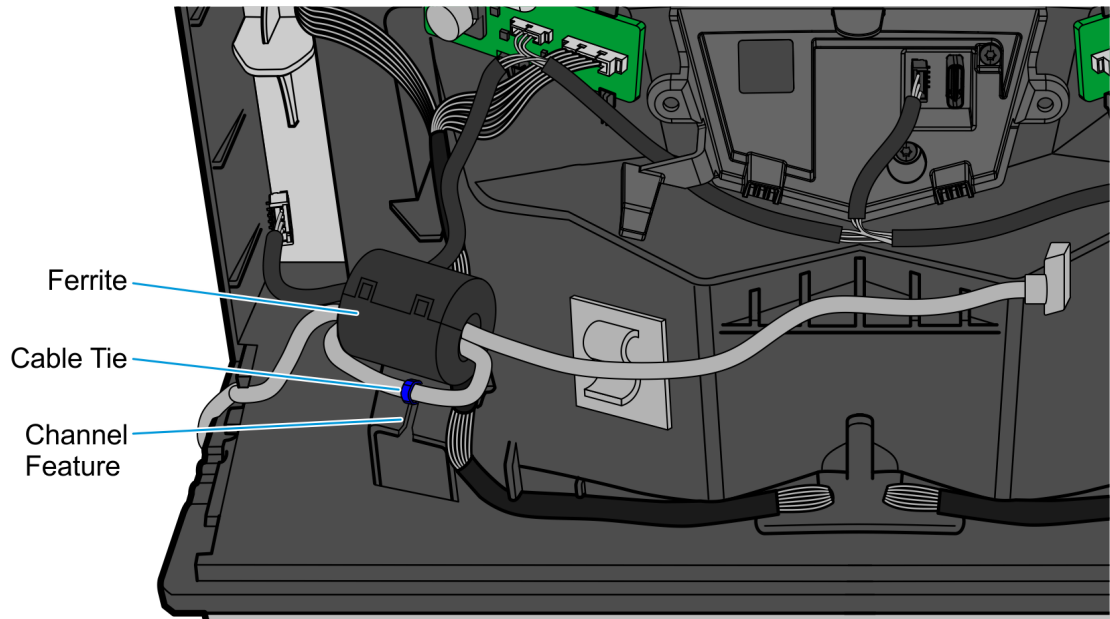
CCP-80634

8. Secure the ferrite of the Color Camera cable to the tower housing by doing the following:
 - 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

9. Secure the ferrite of the Color Camera cable to the tower housing by doing the following:
 - 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.

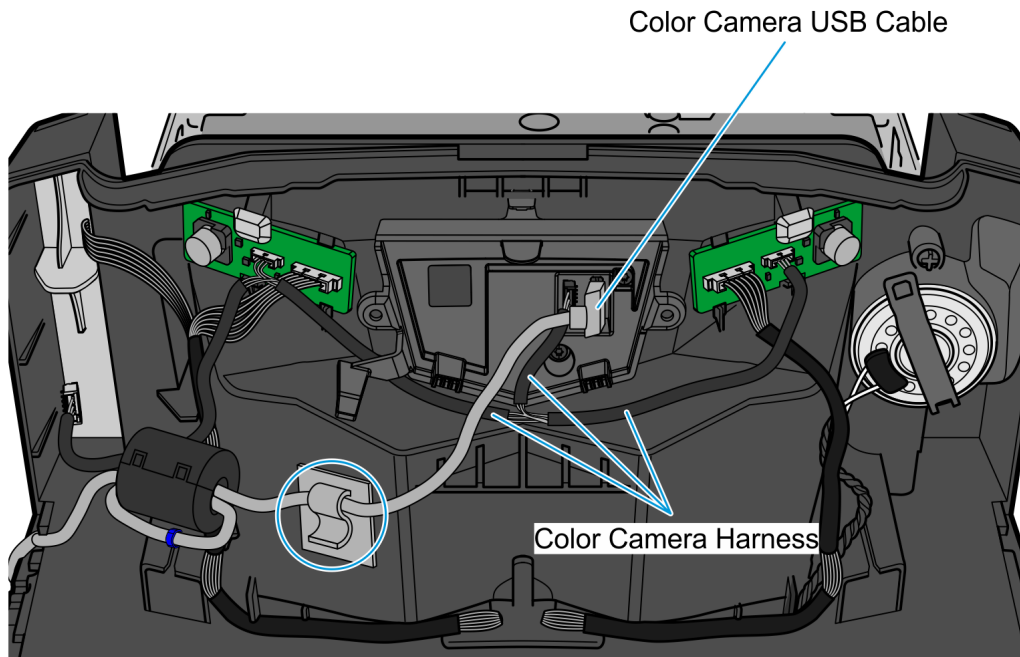


CCP-80962

10. Route the Color Camera cable by doing the following:
 - a. Route the cable under the retainer tab.
 - b. Connect the cable to the Color Camera Assembly, as shown in the image below.

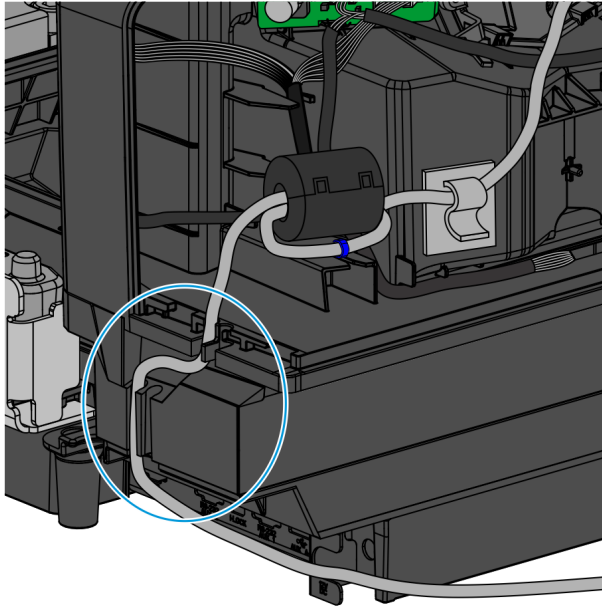
**Caution**

- Ensure that no strain is applied on the USB connector. This connector can easily break under load.
- Ensure that the USB Cable is not touching the Color Camera Harness.



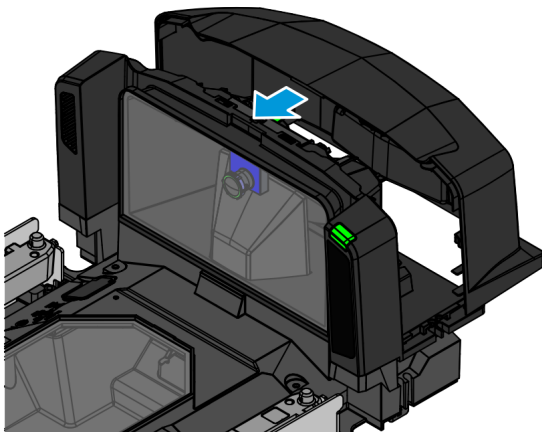
CCP-80963

- c. Route the other end of the Color Camera cable through the cable exit slot on the side of the tower, as shown in the image below.



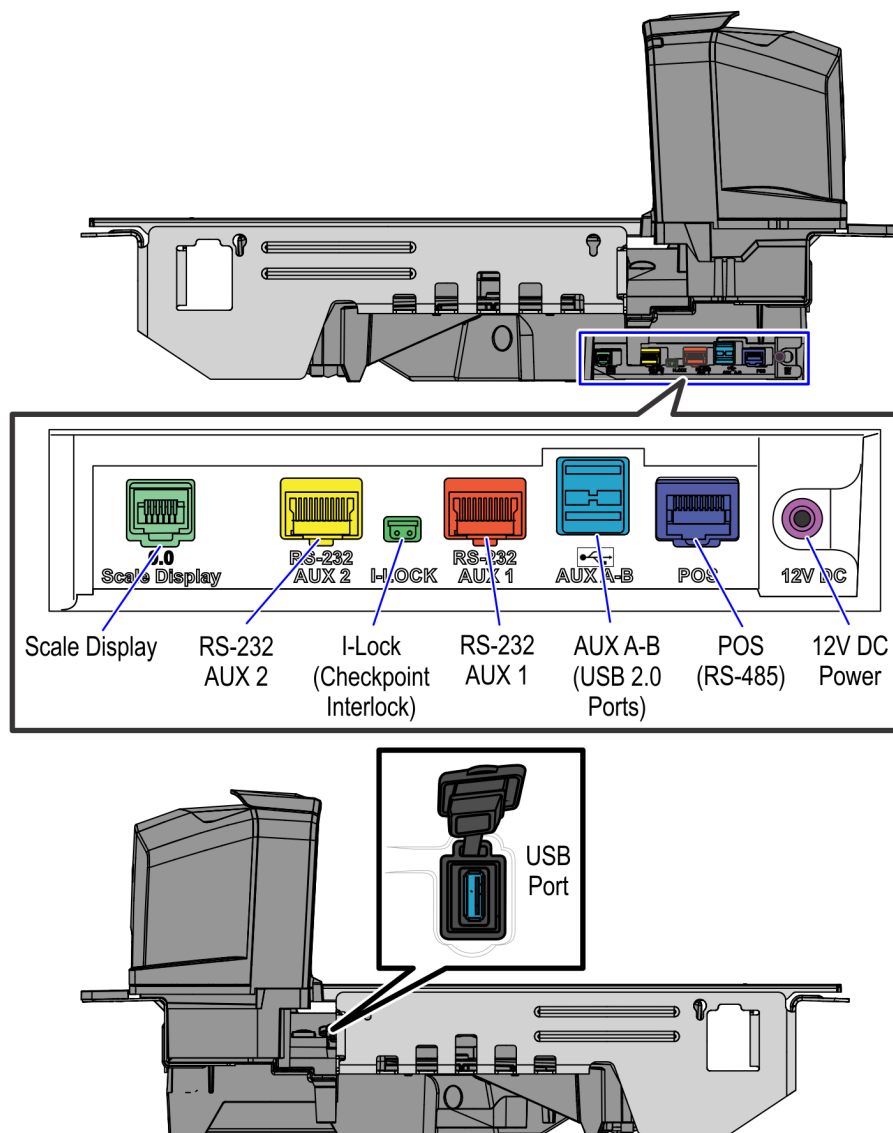
CCP-80961

11. Install the Tower Cover by sliding it onto the back of the tower housing until it snaps in place.



CCP-80635

12. Plug the Power cable to the 7895 Scanner/Scale POS port.



CCP-79770

Installing the Shroud on the NCR Voyix 7896 Scanner/Scale

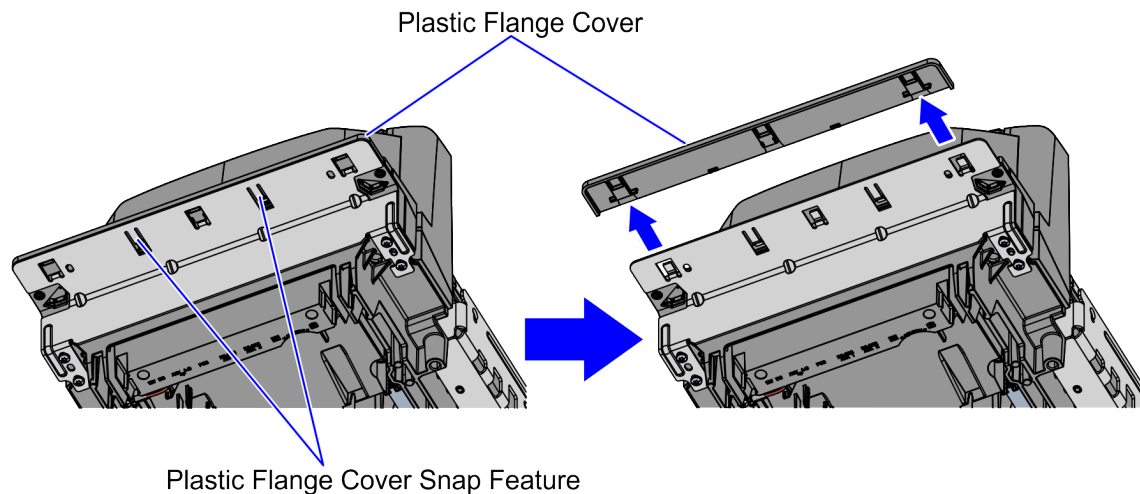
To install the Scanner/Scale Shroud on the NCR Voyix 7896 Scanner/Scale, follow these steps:



Note

This procedure is applicable for NCR FastLane SelfServ Checkout (7360) R6-C Full Function (Fixed) and NCR FastLane SelfServ Checkout (7360) R6-C Card Only units. Some images show only the R6-C Full Function (Fixed) for reference only.

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

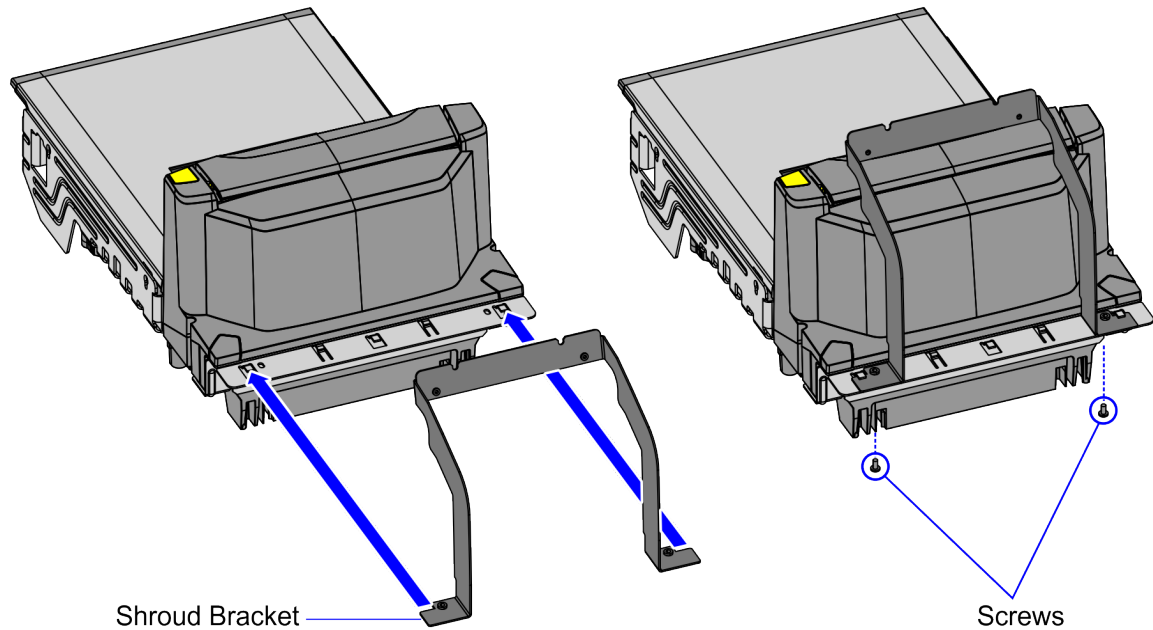


CCP-85843

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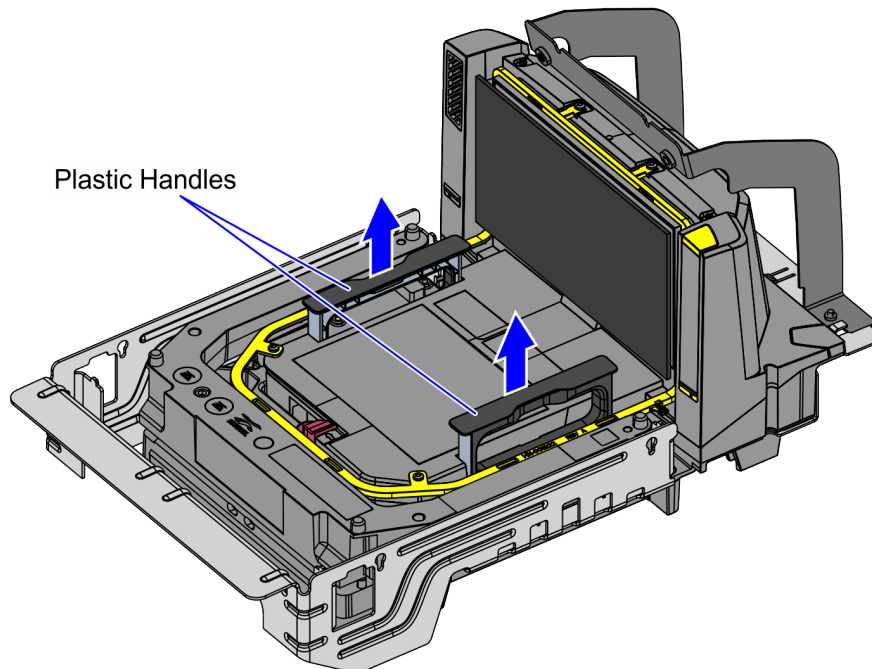
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2. Slide the Shroud Bracket into the hooks on the back of the NCR 7896 Scanner/Scale and secure it using two (2) screws.



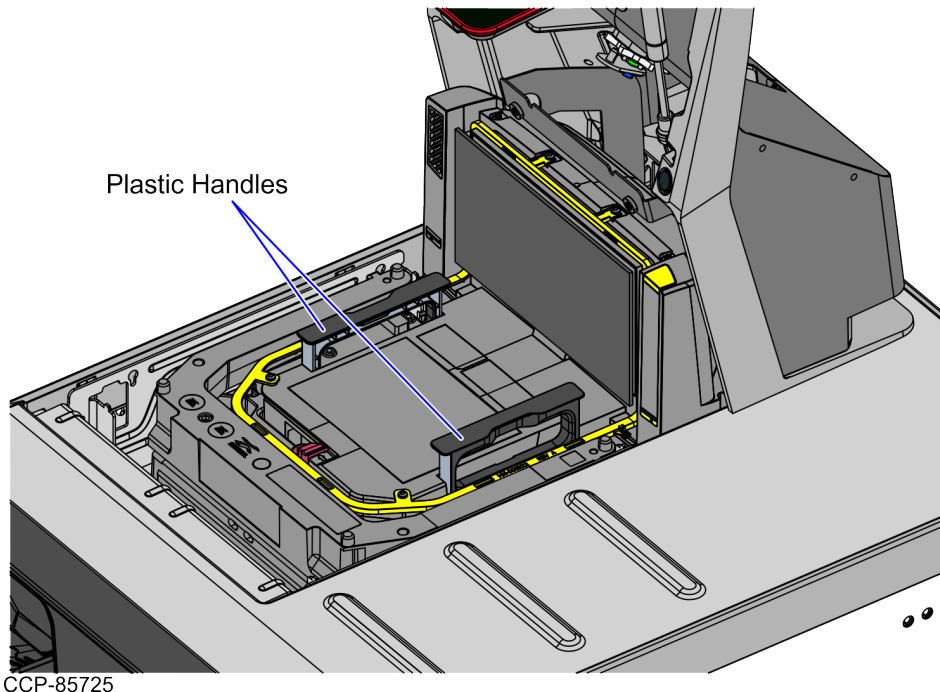
CCP-85723

3. Route the Color Camera cable in the unit. For more information, refer to "[Routing the 7896 Scanner/Scale Cables](#)" on page 9.
4. Place the NCR 7896 Scanner/Scale in the Scanner Bucket by doing the following:
 - a. Lift the plastic handles on each side of the Scanner/Scale, as shown in the image below.

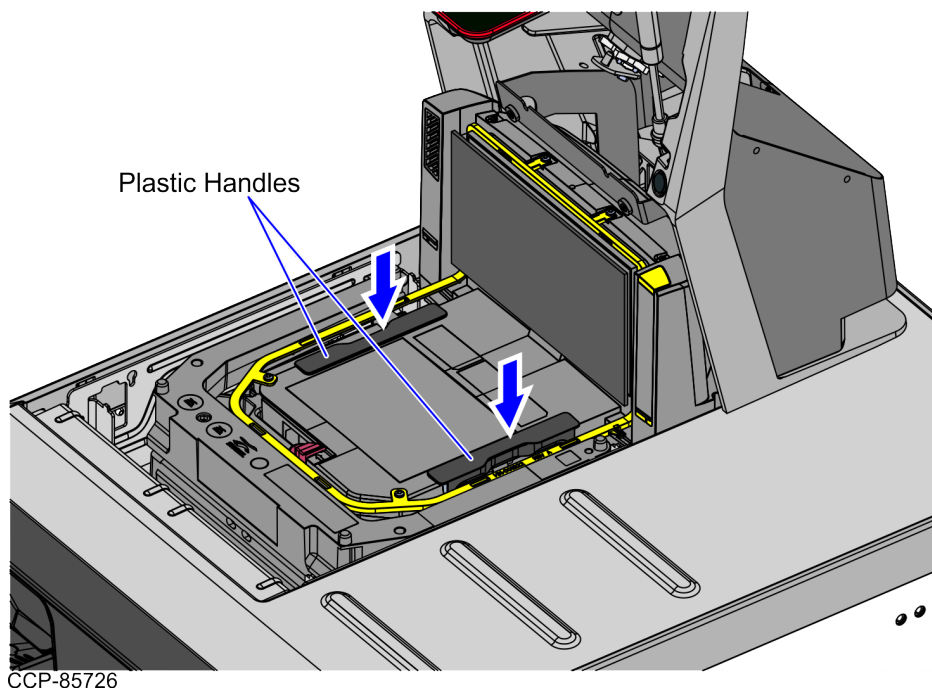


CCP-85754

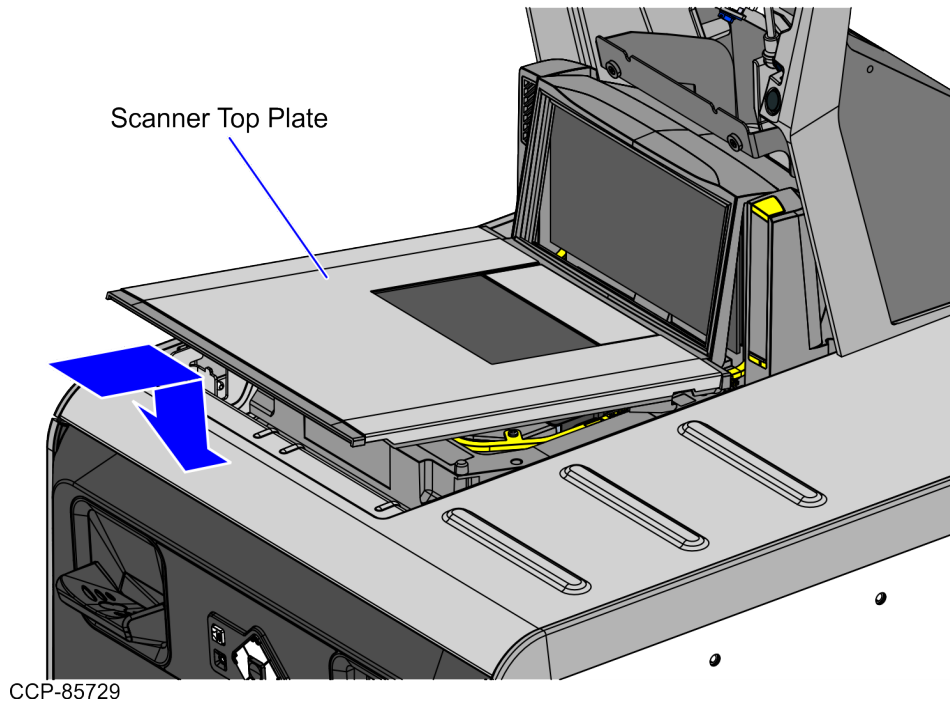
- b. Using both hands, hold the Scanner/Scale on each plastic handle and then place it in the Scanner Bucket.



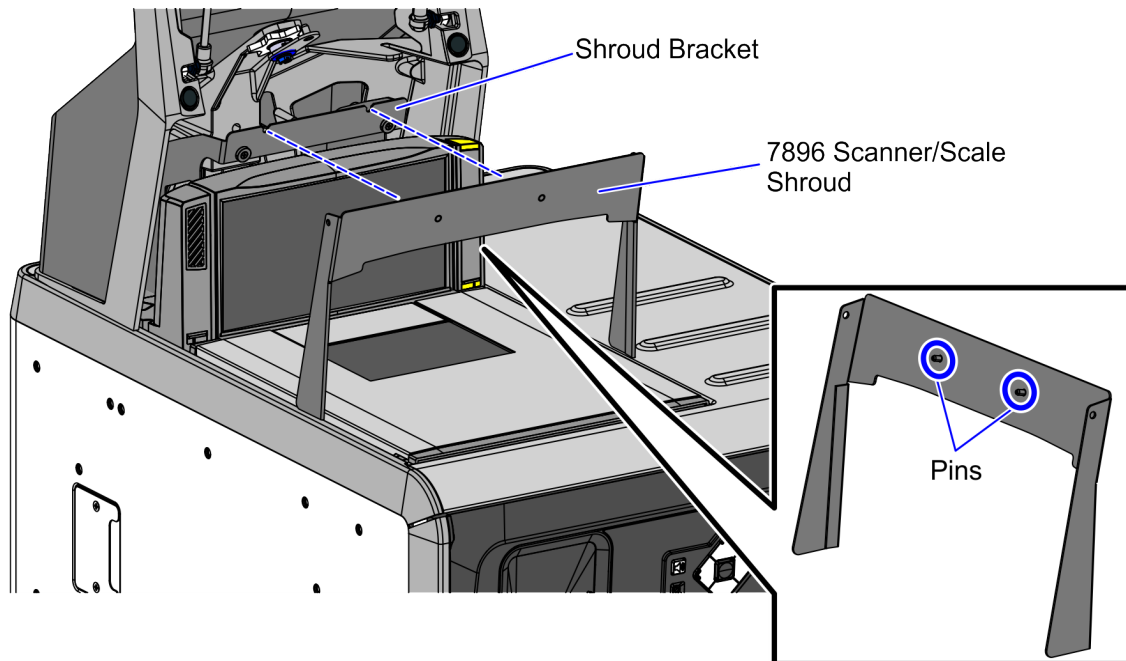
- c. Push down the plastic handles on each side of the NCR 7896 Scanner/Scale.



5. Place the Top Plate on the Scanner/Scale.



6. Attach the Shroud to the Shroud Bracket by engaging its pins to the corresponding slotted holes on the Shroud Bracket, as shown in the image below.



Installing the Shroud on the NCR Voyix 7895 Scanner/Scale

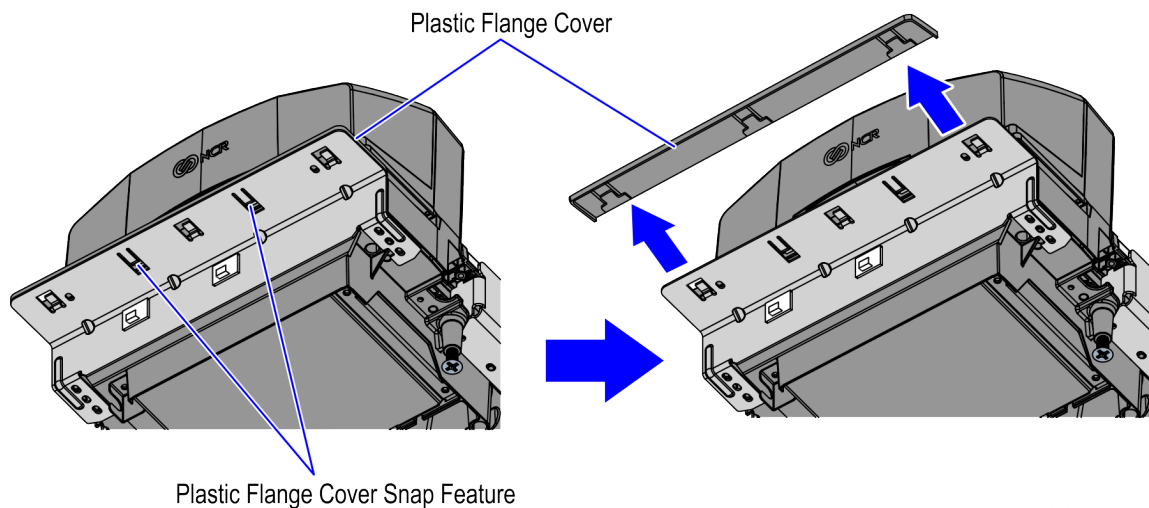
To install the Scanner/Scale Shroud on the NCR Voyix 7895 Scanner/Scale, follow these steps:



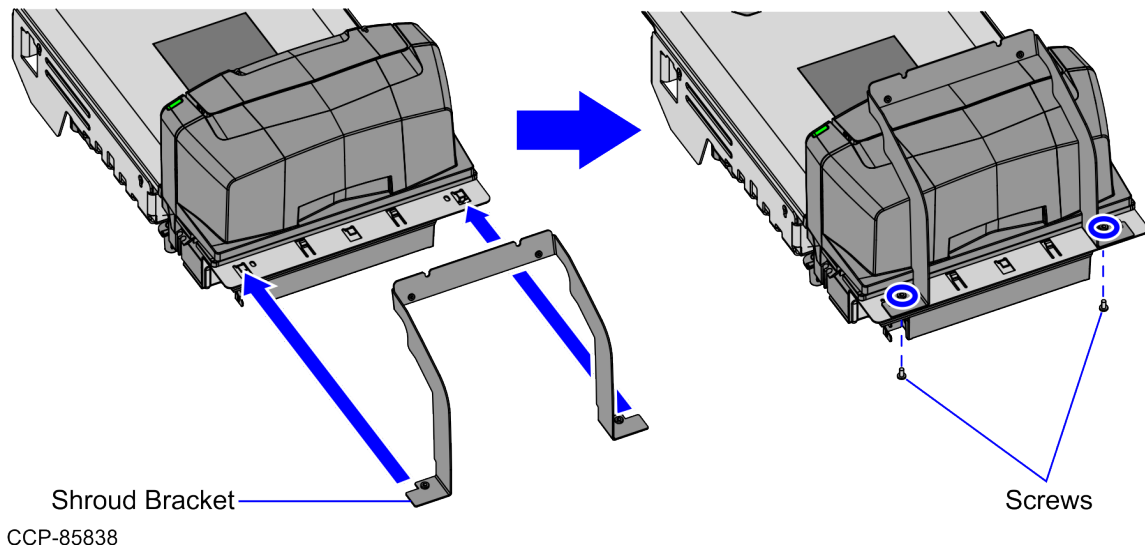
Note

This procedure is applicable for NCR FastLane SelfServ Checkout (7360) R6-C Full Function (Fixed) and NCR FastLane SelfServ Checkout (7360) R6-C Card Only units. Some images show only the R6-C Full Function (Fixed) for reference only.

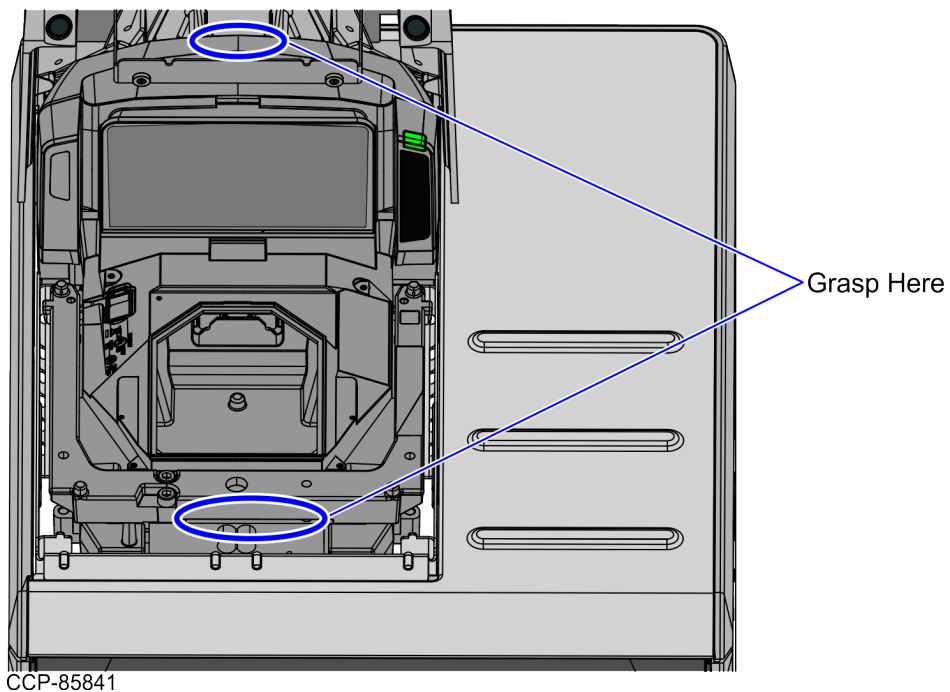
1. Route the Color Camera cable in the unit. For more information, refer to "[Routing the 7896 Scanner/Scale Cables](#)" on page 9.
2. Remove the plastic flange from the back of the Scanner/Scale by pushing the snap feature and sliding it out.



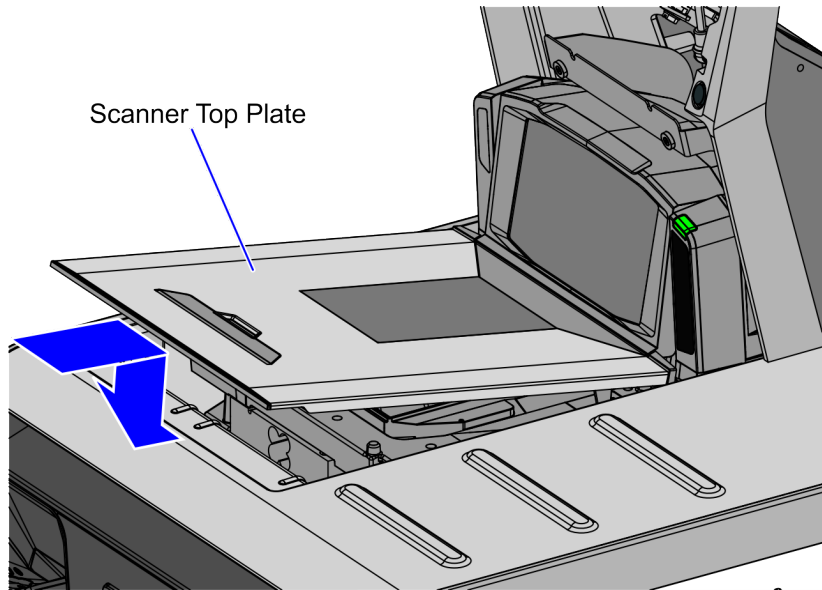
3. Slide the Shroud Bracket into the hooks on the back of the Scanner/Scale and secure it with two (2) screws.



4. Place the NCR Voyix 7895 Scanner/Scale in the Scanner Bucket.

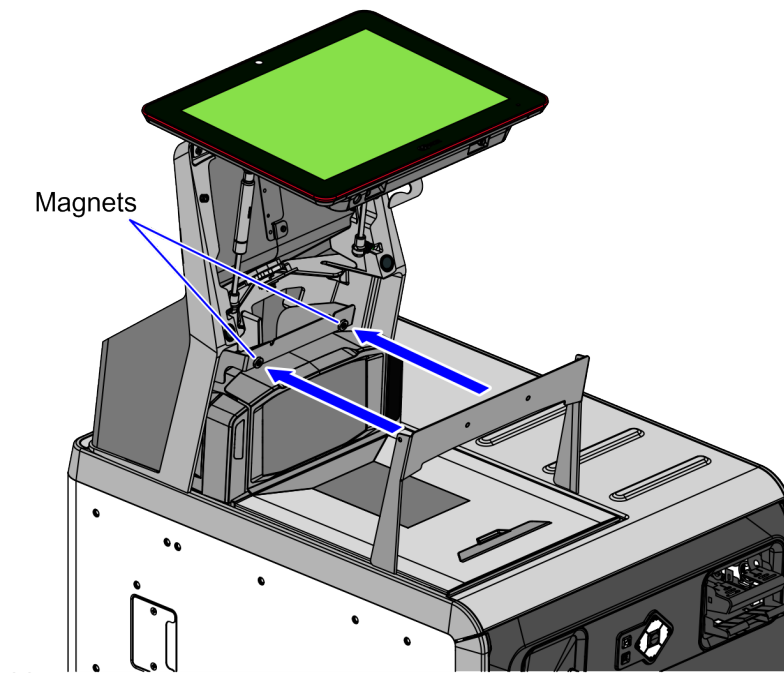


5. Lower the Top Plate as shown below:



CCP-85839

6. Attach the Shroud to the Shroud Bracket by engaging its pins to the corresponding slotted holes on the Shroud Bracket, as shown in the image below.

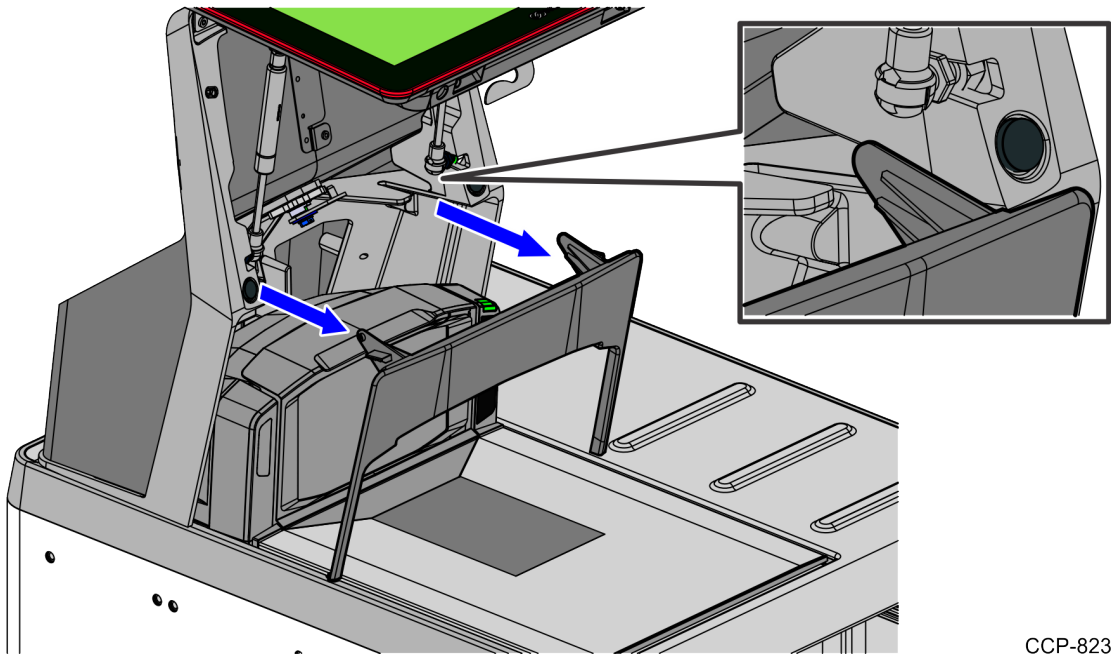


CCP-85840

Removing the 7895 Scanner/Scale from Full Function (Fixed) units

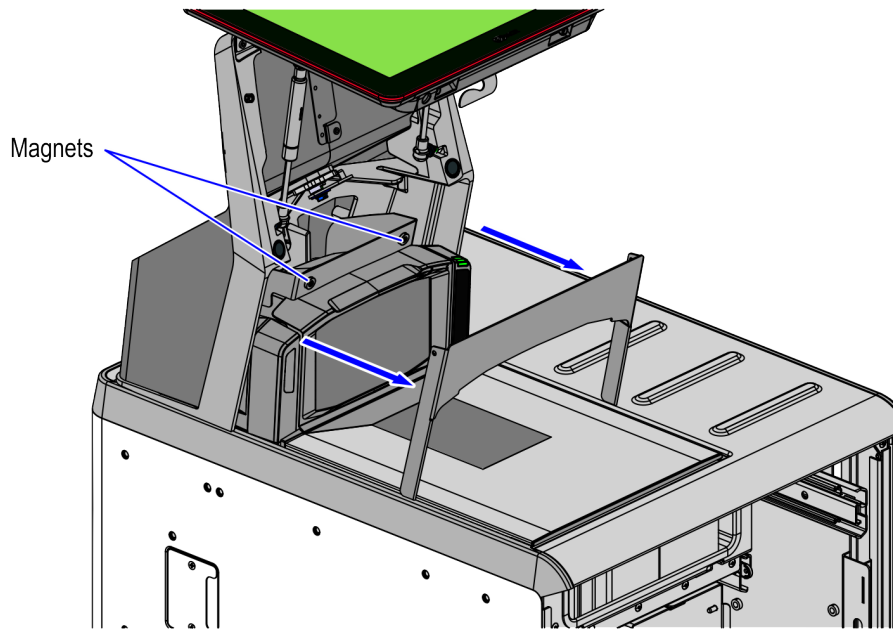
To remove the NCR 7895 Scanner/Scale in a Fixed unit, follow these steps:

1. Detach the Scanner Shroud. Depending on the Shroud, refer to the images shown below.
 - R6 Shroud (Plastic)



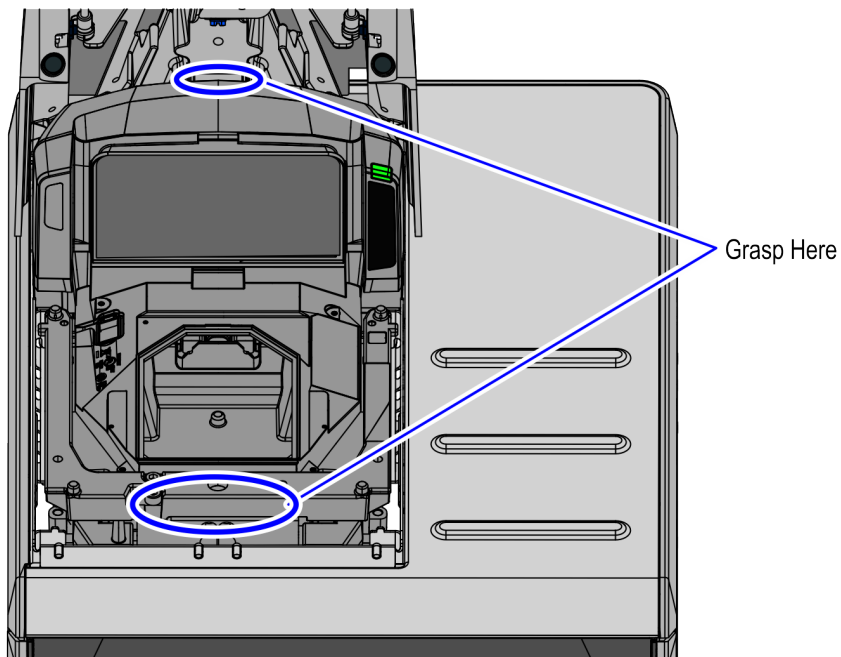
CCP-82389

- R6 Shroud (Metal)



CCP-76467

2. Remove the Scanner Top Plate. For more information, refer to "[Removing the 7895 Scanner/Scale Top Plate](#)" on page 38.
3. 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-79769

4. Disconnect cables from the Scanner/Scale.



Note

If the Scanner/Scale comes with Sensormatic® features, remove power from the Sensormatic® Controller before removing the Sensormatic® Interface cable.



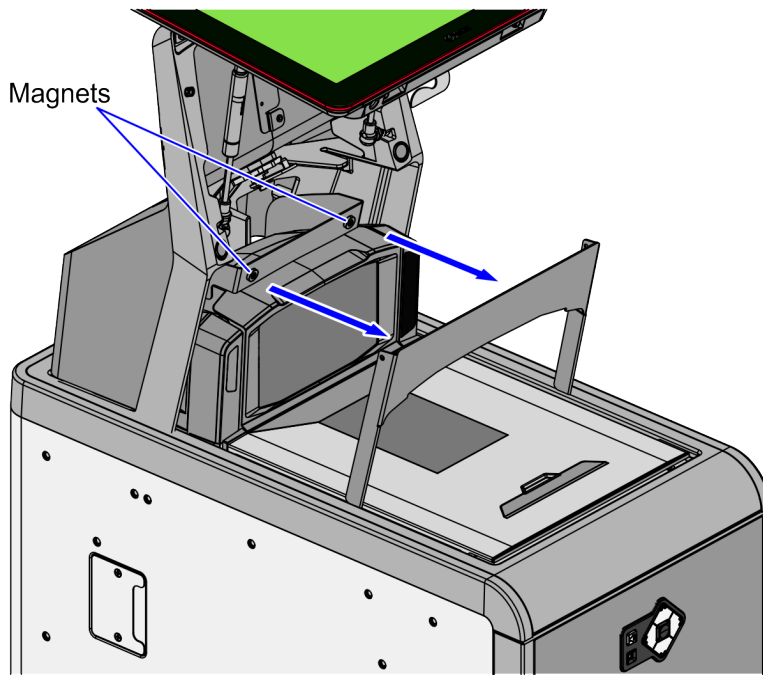
Tip

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

Removing the 7895 Scanner/Scale from Card Only units

To remove the NCR 7895 Scanner/Scale from a Card Only unit, follow these steps:

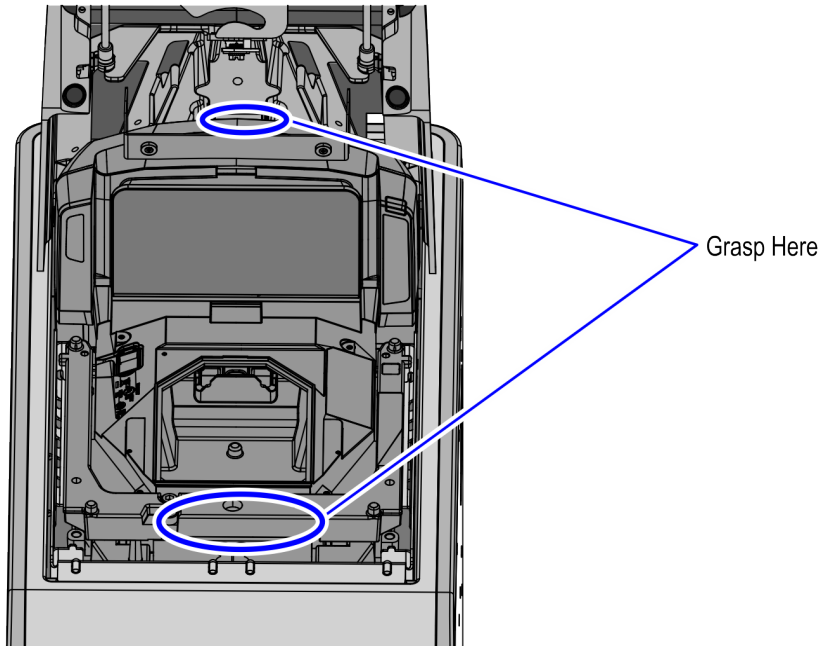
1. Detach the Shroud from the Shroud Bracket magnets, as shown in the image below.



CCP-81970

2. Remove the Scanner Top Plate. For more information, refer to "[Removing the 7895 Scanner/Scale Top Plate](#)" on page 38.

3. 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-79668

4. Disconnect cables from the Scanner/Scale.



Note

If the Scanner/Scale comes with Sensormatic® features, remove power from the Sensormatic® Controller before removing the Sensormatic® Interface cable.



Tip

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

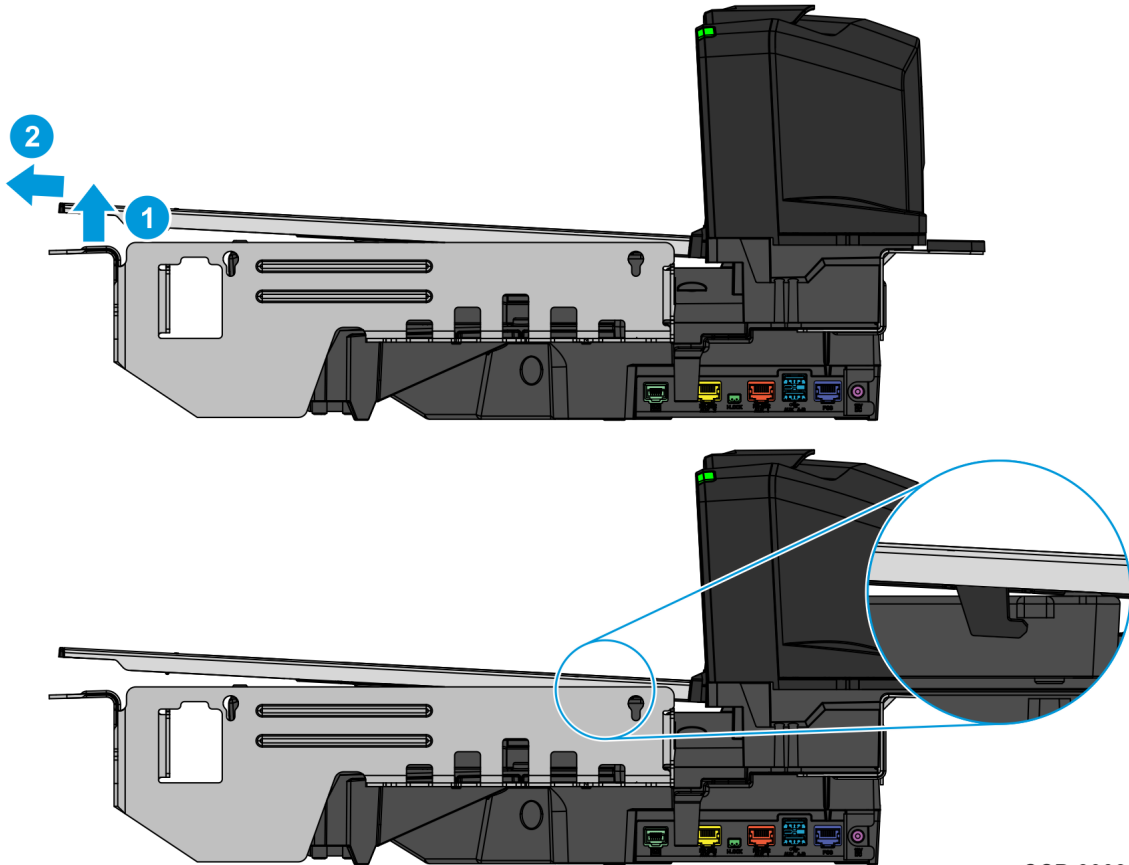
Removing the 7895 Scanner/Scale Top Plate

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

- "[7895 Scanner/Scale](#)" on the next page
- "[7895 Scanner \(non-scale\)](#)" on page 40

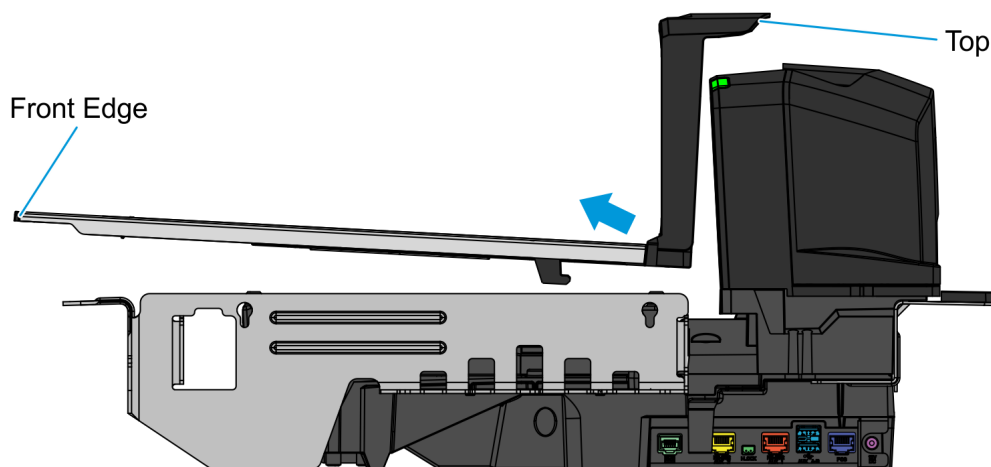
7895 Scanner/Scale

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.



CCP-80081

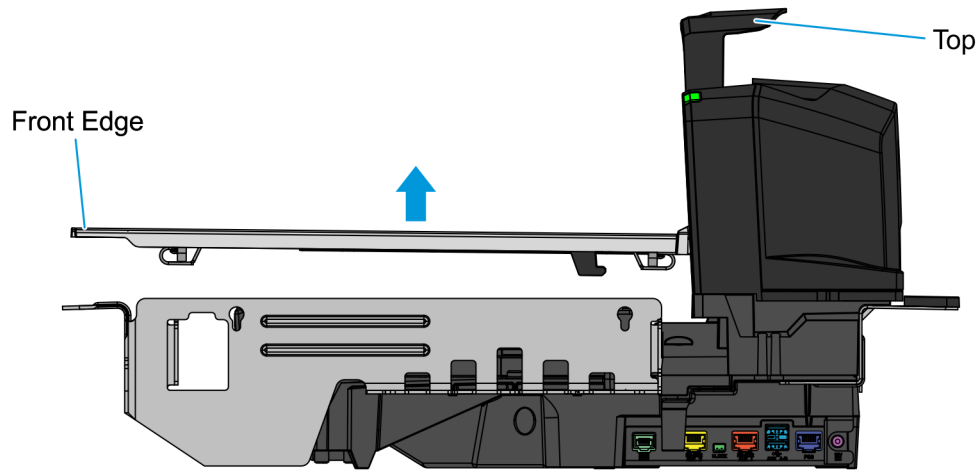
2. Hold the front edge and the top of the Top Plate to pull lift it off the Scanner/Scale.



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.

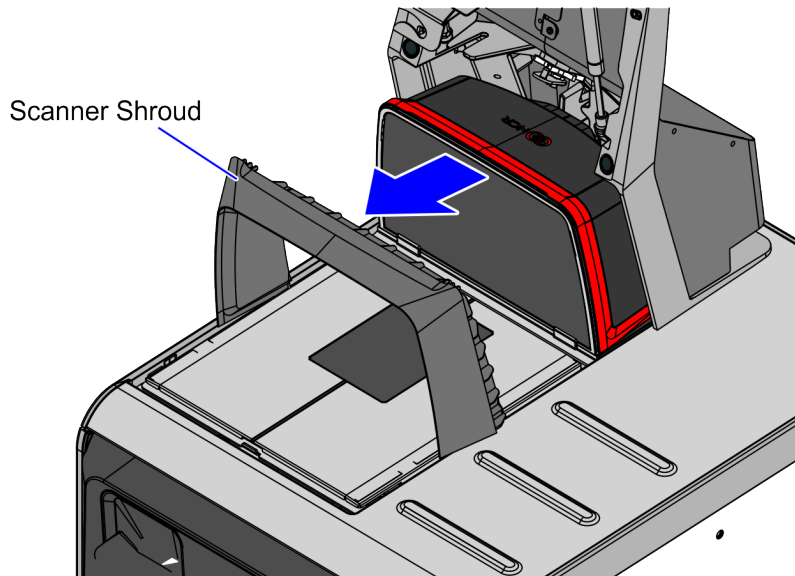


CCP-80044

Removing the 7879e Scanner/Scale from Full Function (Fixed) units

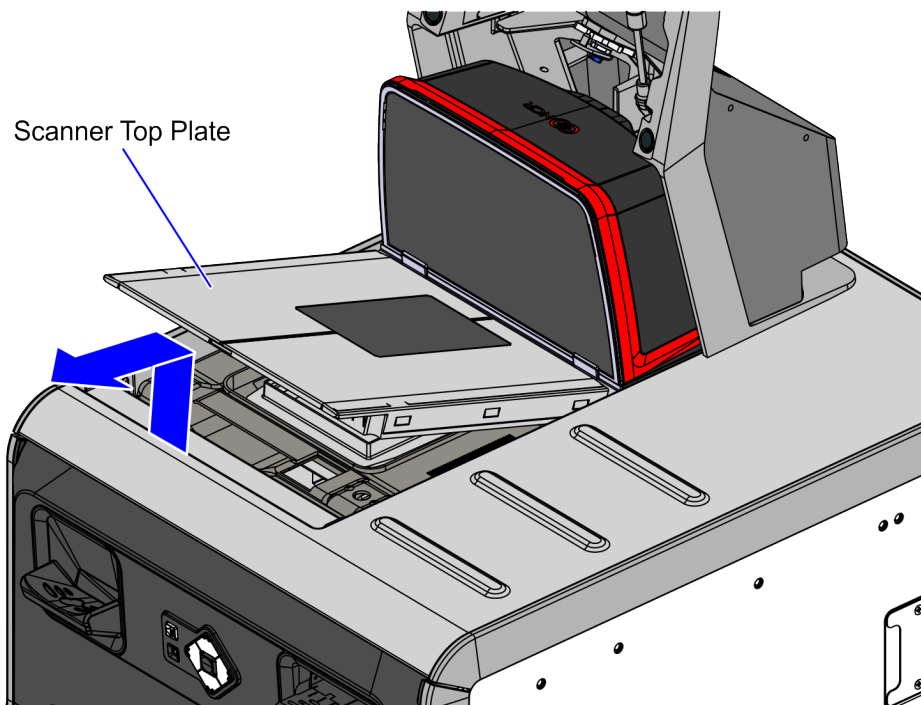
To remove the Scanner/Scale (7879e), follow these steps:

1. Remove the Scanner Shroud from the top of the vertical scanner window.



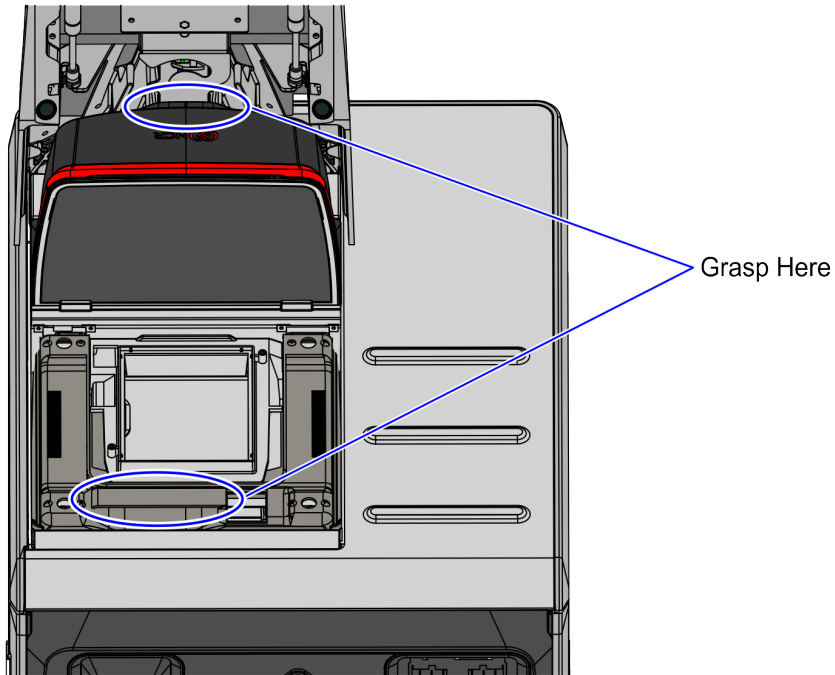
CCP-74813

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



CCP-79671

3. 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

4. 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.

Removing the 7879 Scanner/Scale from Card Only units

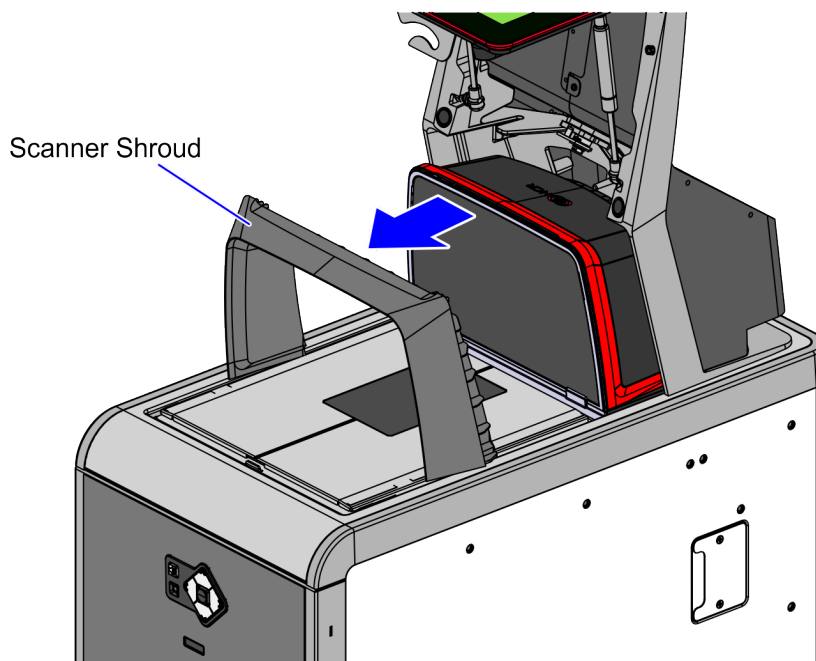
The Scanner/Scale cable is pre-routed along the floor of the scanner bucket and up to the 7702 Terminal during manufacturing.



Note

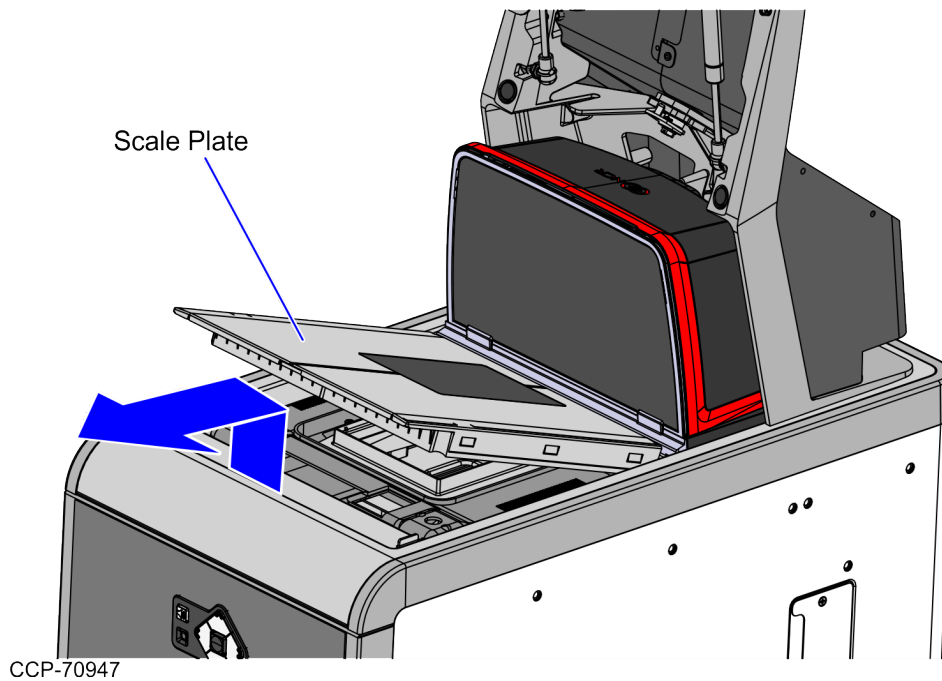
Ensure that the host terminal is turned off before connecting the USB cable.

1. Remove the Scanner Shroud from the top of the vertical scanner window.

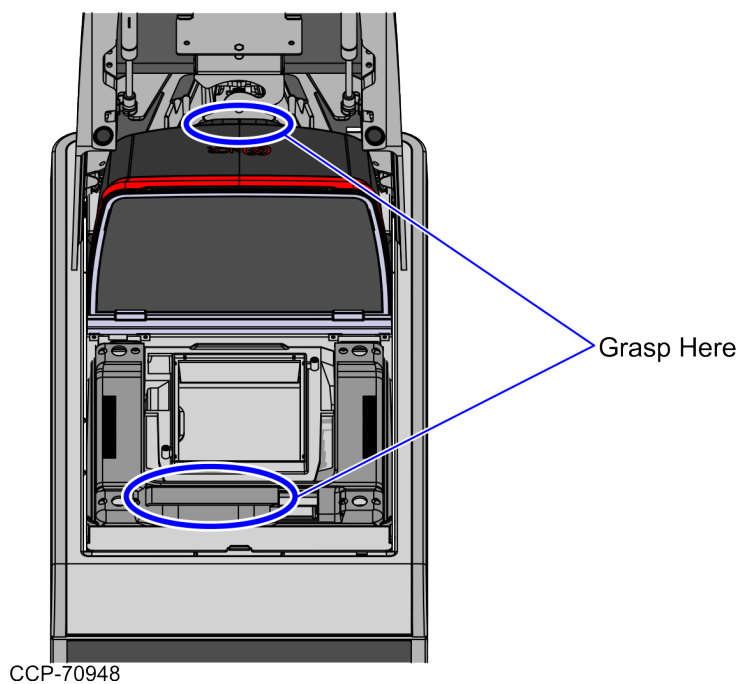


CCP-79673

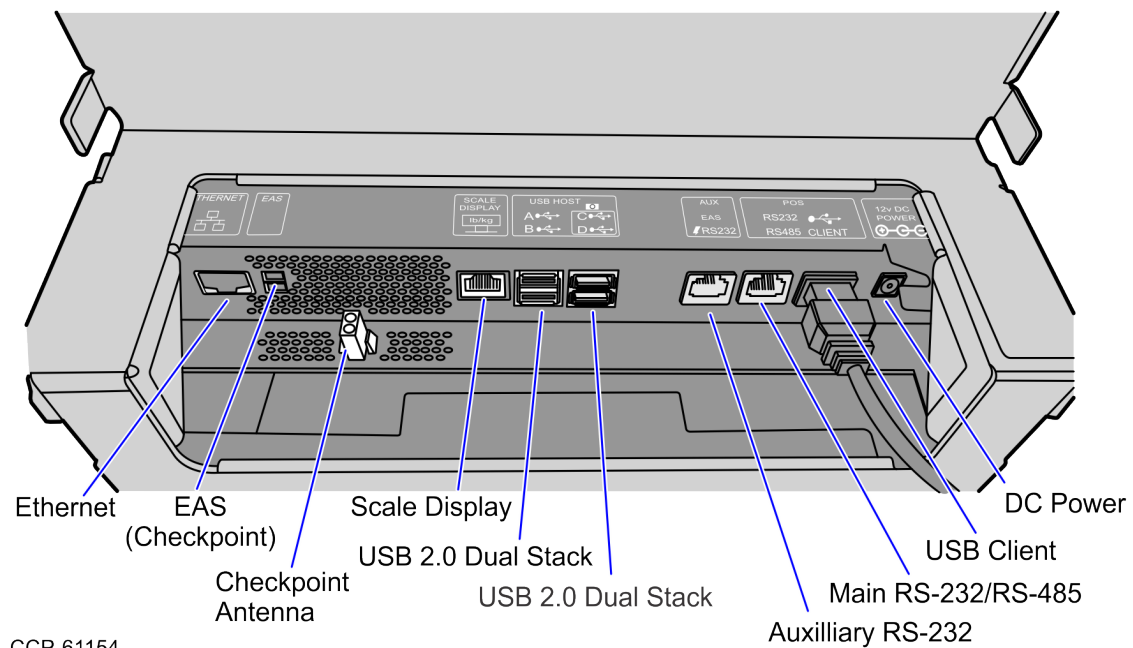
2. Remove the Scale Plate from the Scanner/Scale.



3. Remove the Scanner/Scale in the scanner bucket.



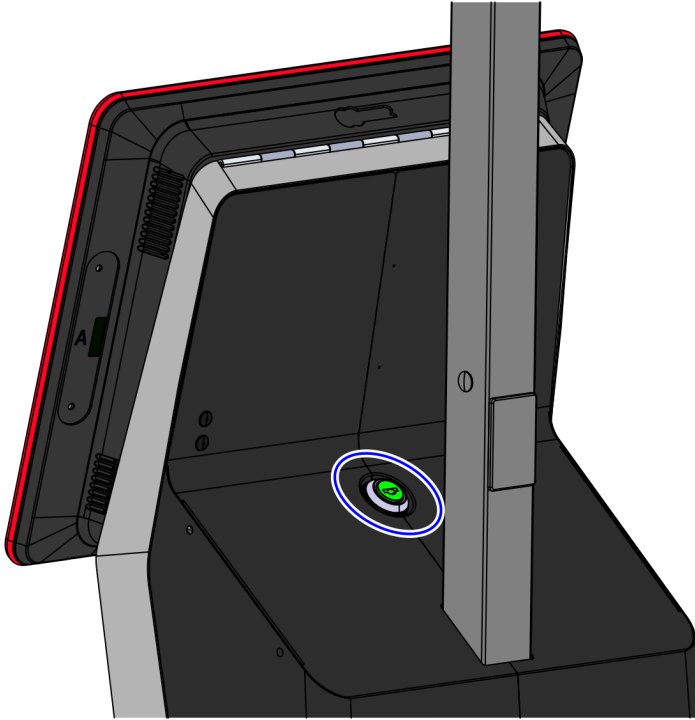
4. Disconnect the scanner cable from the **USB Client** port on the RealScan 79 (7879).



Opening the Tower Frame

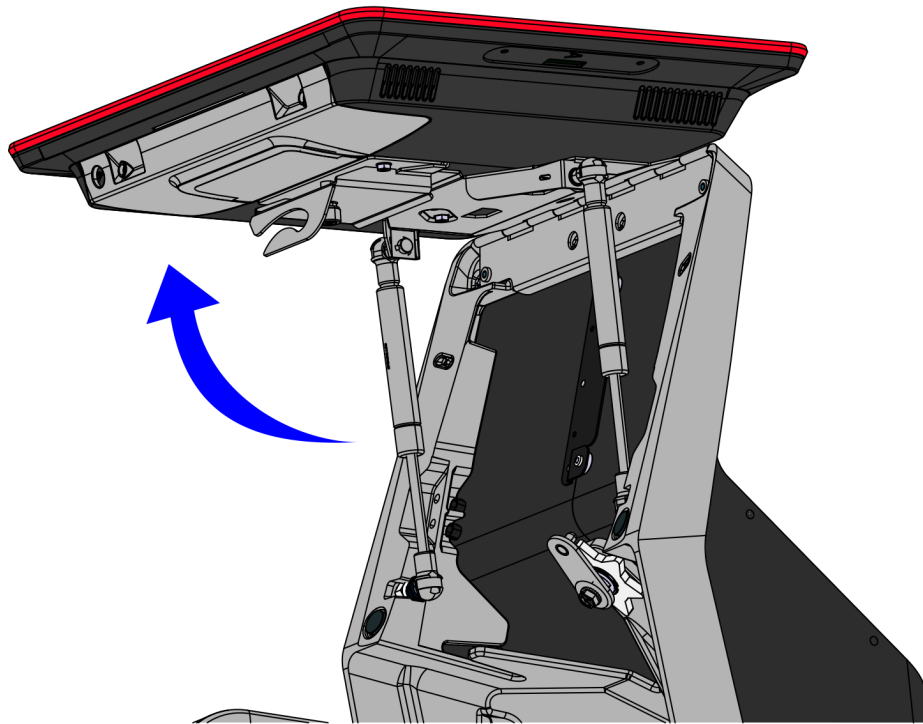
To open the Tower Frame, follow these steps:

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



CCP-61622

2. Lift the Terminal Display from Tower Frame.

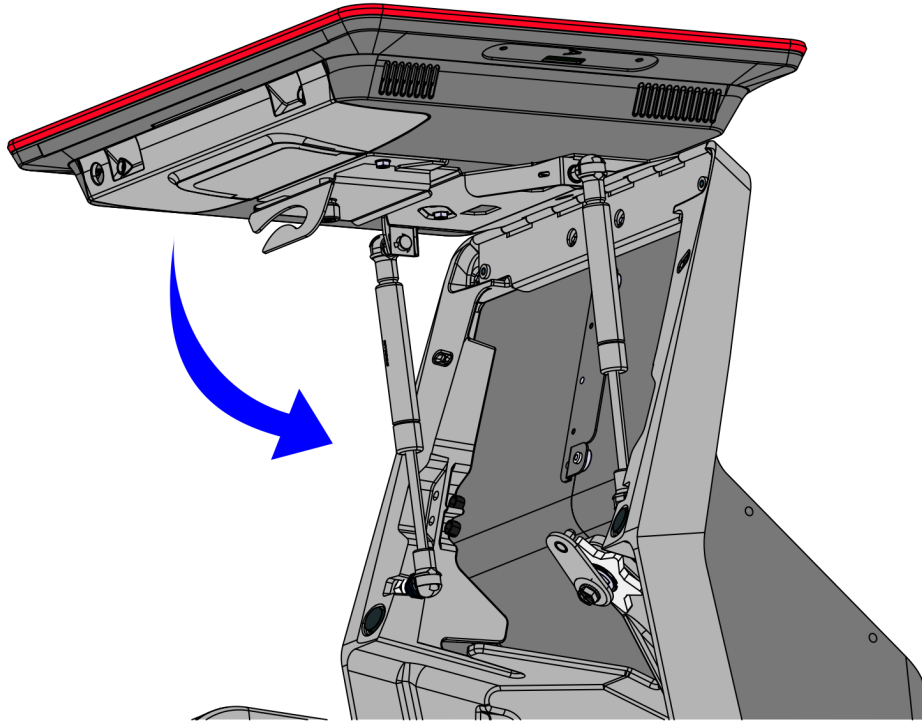


CCP-62073

Closing the Tower Frame

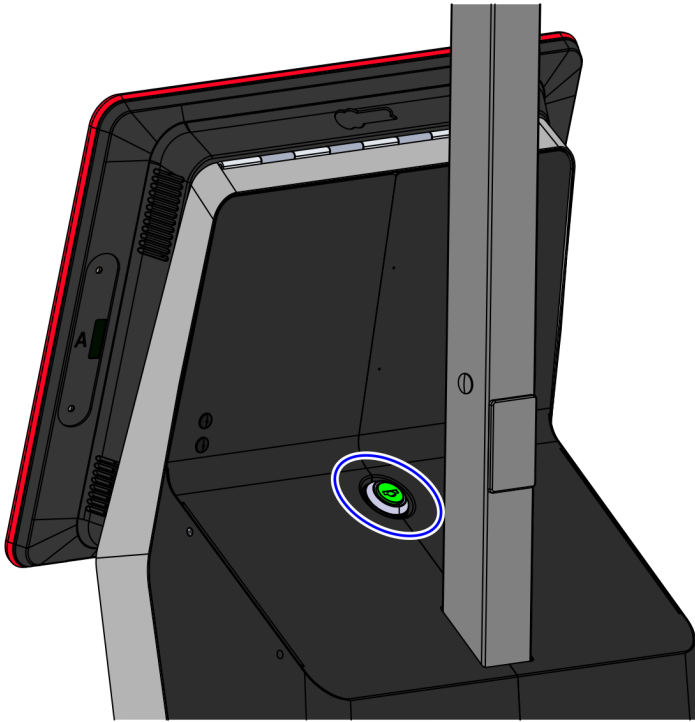
To close the Tower Frame, follow these steps:

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