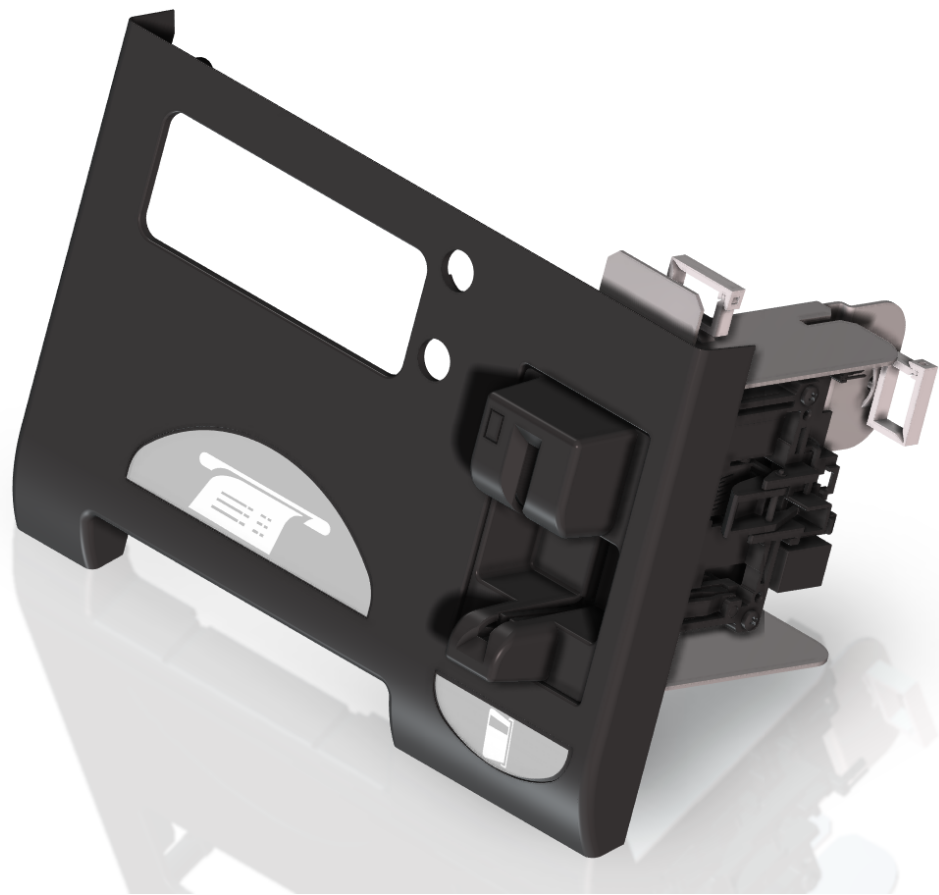


Kit Instructions

DIP Reader Upgrade



7350-K030
Issue D



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Revision Record

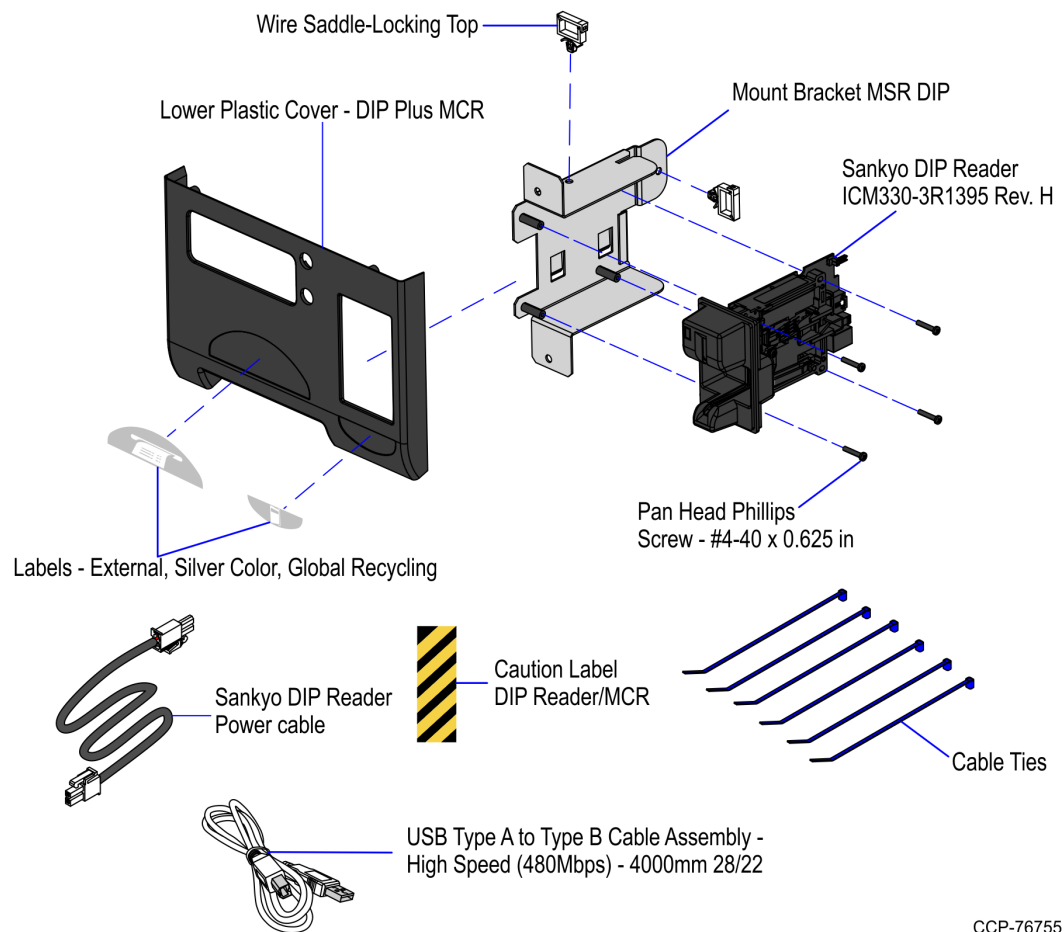
Issue	Date	Remarks
A	Oct 2010	First Issue
B	Nov 2010	Added new fascia.
C	Jun 2011	Updated DIP Reader part number.
D	Aug 2019	Added to IP Kit Repository site with HTML version.

DIP Reader Upgrade

A DIP Reader reads an electronic card such as credit cards that are inserted and then removed from the device.

This publication provides procedures for installing a Dip Reader in a No-DIP Reader NCR SelfServ™ Checkout (7350) unit.

Kit Contents



CCP-76755

Part Number	Description
497-0524384	7350-K030 Kit - DIP Reader MSR
006-8611457	Cable Ties (6pcs)
497-0514849	Mount Bracket MSR DIP

Part Number	Description
497-0523829	Lower Plastic Cover- DIP Plus MCR
497-0518668	Labels - External, Silver Color, Global Recycling
497-0463748	Caution Label - DIP Reader/MCR
009-0021034	USB Type A to Type B Cable Assembly - High Speed (480 Mbps) - 4000 mm 28/22
006-8614308	Wire Saddle-Locking Top, (2pcs)
497-0464268	Sankyo DIP Reader Power cable
497-0472897	Sankyo DIP Reader - ICM330-3R1395 Rev. H
006-8611540	Pan Head Phillips Screw - #4-40 x 0.625 in, (4pcs)
* 497-0423108	DIP Reader Kit Installation Instructions

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

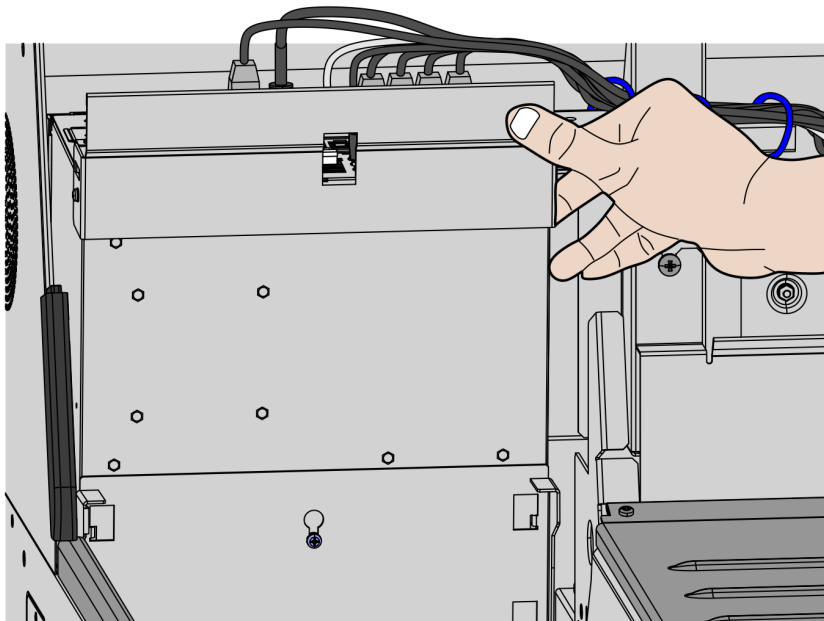
Installation Procedure

To install the DIP Reader, do the following:

1. Turn off the NCR SelfServ Checkout software and hardware systems.
2. Replace the Upper Cabinet Door Plastic Fascia. For more information, refer to [Replacing Upper Cabinet Door Plastic Fascia](#) on page 6.
3. Install the DIP Reader. For more information, refer to [Installing DIP Reader](#) on page 9.
4. Remove the Scanner/Scale. For more information, refer to [Removing Scanner/Scale](#) on page 12.
5. Route the DIP Reader cables. For more information, refer to [Routing DIP Reader Cables](#) on page 14.
6. 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.

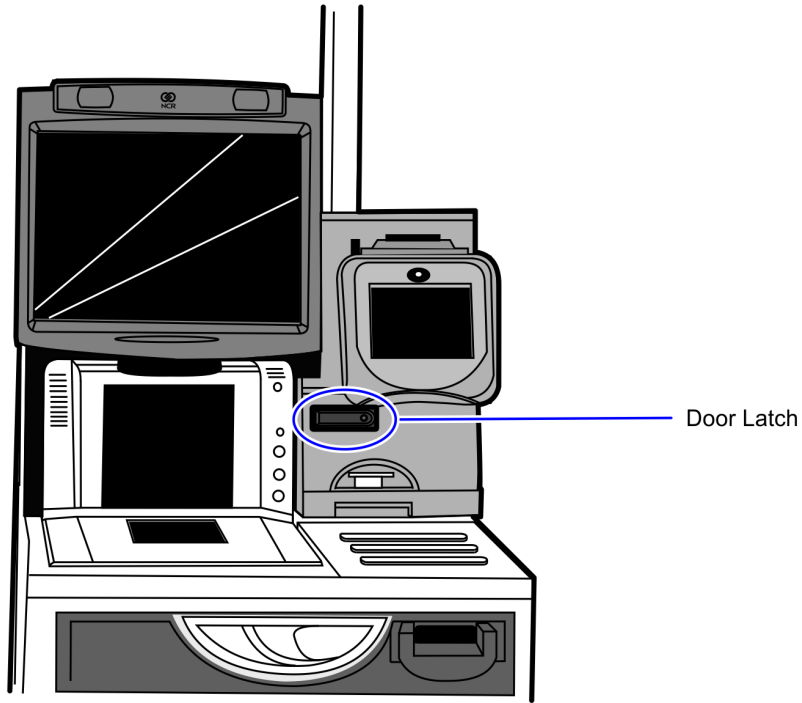


7. Install the Scanner/Scale. For more information, refer to [Installing the Scanner/Scale](#) on page 17.
8. Install the labels. For more information, refer to [Installing Labels](#) on page 19.
9. Close the Upper Cabinet Door.
10. Verify DIP Reader functionality using the Profile Manager Lite (PML) tool. For more information on how to use the PML tool, refer to the [NCR FastLane SelfServ™ Checkout Profile Manager Lite User Guide \(B005-0000-2279\)](#).

Opening the Upper Cabinet Door


To open the Upper Cabinet Door, follow these steps:

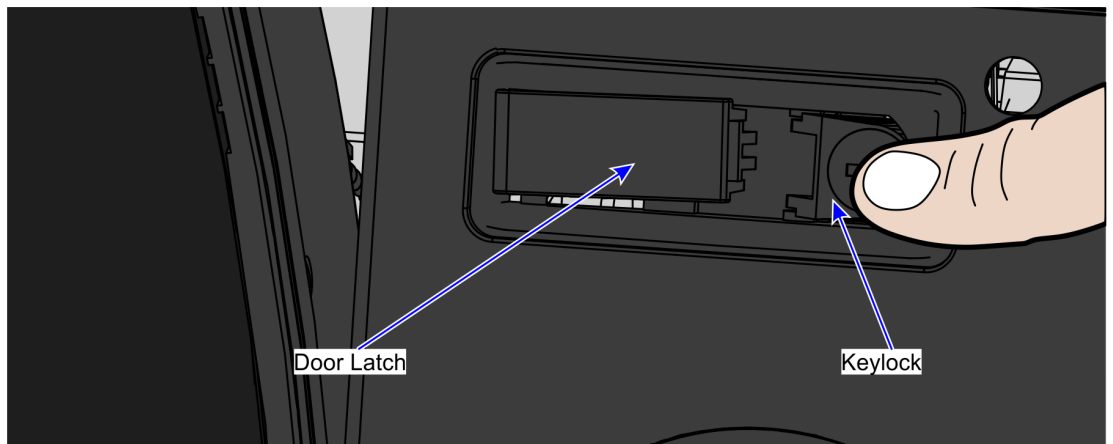
1. Insert key into lock on door latch and turn key counterclockwise.



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.

Replacing Upper Cabinet Door Plastic Fascia

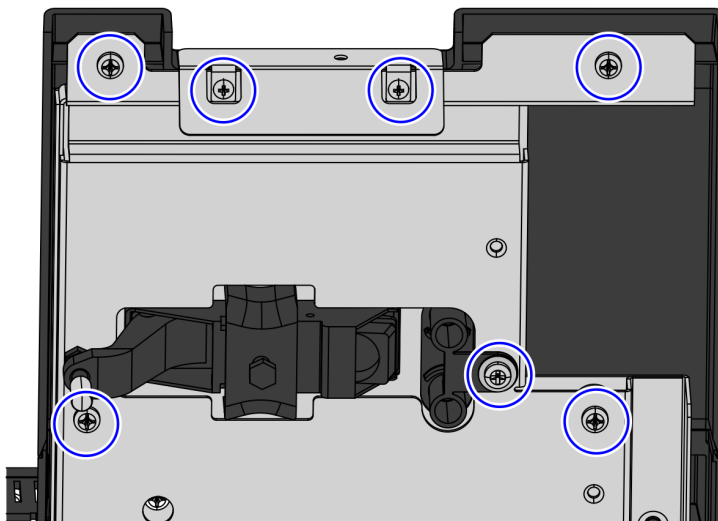
Replacing the Upper Cabinet Door Plastic Fascia involves the following procedures:

- [*Removing Upper Cabinet Door Plastic Fascia*](#) on the facing page.
- [*Installing Upper Cabinet Door Plastic Fascia*](#) on page 8.

Removing Upper Cabinet Door Plastic Fascia

To remove the existing Upper Cabinet Door Plastic Fascia, follow these steps:

1. Open the Upper Cabinet Door, if necessary. For more information, refer to [Opening the Upper Cabinet Door](#) on page 5.
2. Remove and set aside seven (7) screws securing the plastic fascia to the Upper Cabinet Door, as shown in the image below.



CCP-76756

To install a new plastic fascia, refer to [Installing Upper Cabinet Door Plastic Fascia](#) on the next page.

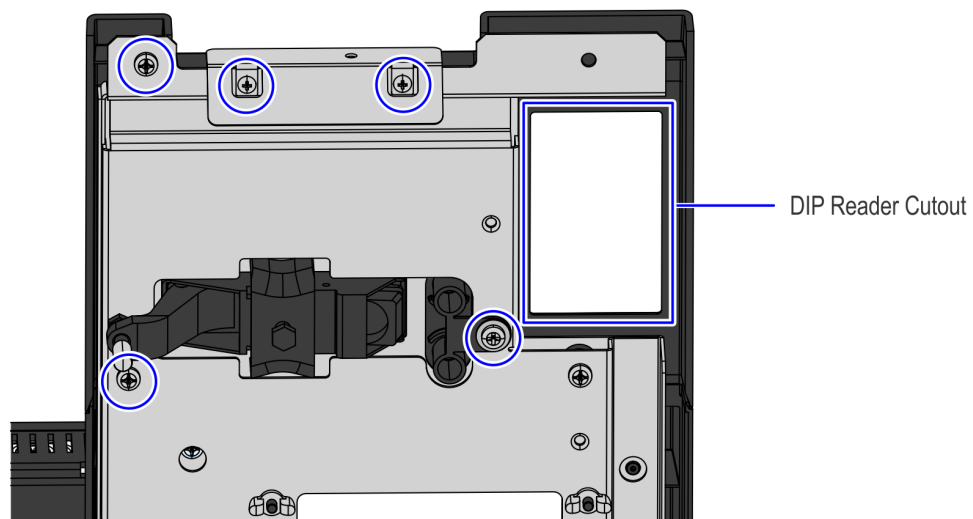
Installing Upper Cabinet Door Plastic Fascia

To install the Upper Cabinet Door Plastic Fascia, follow these steps:

1. Remove the existing Upper Cabinet Door Plastic Fascia, if necessary. For more information, refer to [Removing Upper Cabinet Door Plastic Fascia](#) on the previous page.
2. Position the new plastic fascia on the Upper Cabinet Door, so that their screw slots are aligned.
3. Secure the plastic fascia to the Upper Cabinet Door using five (5) screws, as shown in the image below.



Note: Reuse the screws that were set aside during removal procedure. But, do not install the two (2) screws near the DIP Reader cutout.




CCP-76757

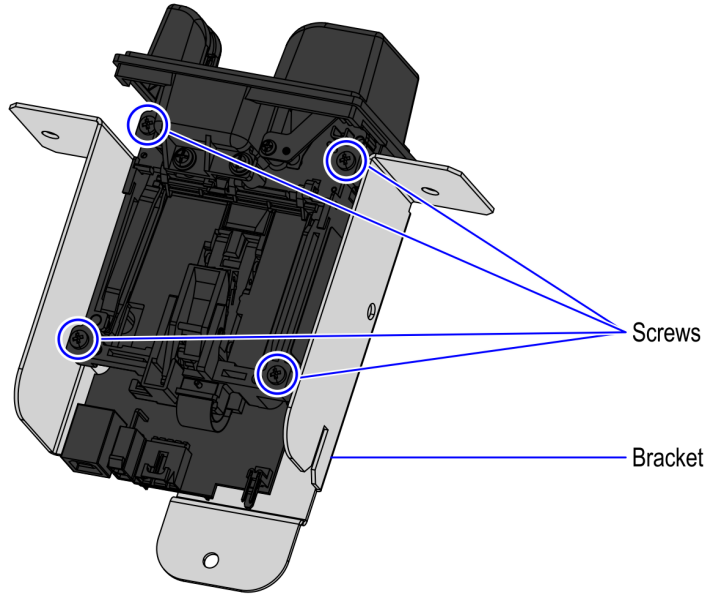
To install the DIP Reader, refer to [Installing DIP Reader](#) on the facing page.

Installing DIP Reader

To install the DIP Reader, follow these steps:

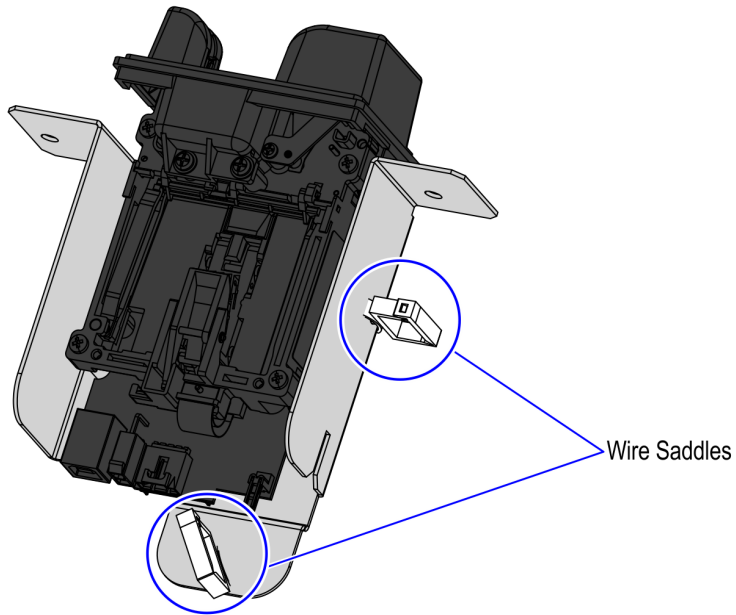
1. Secure the DIP Reader to the mounting bracket using four (4) screws, as shown in the image below.

 **Caution:** To avoid causing damage to the device, **do not overtighten** the screws.



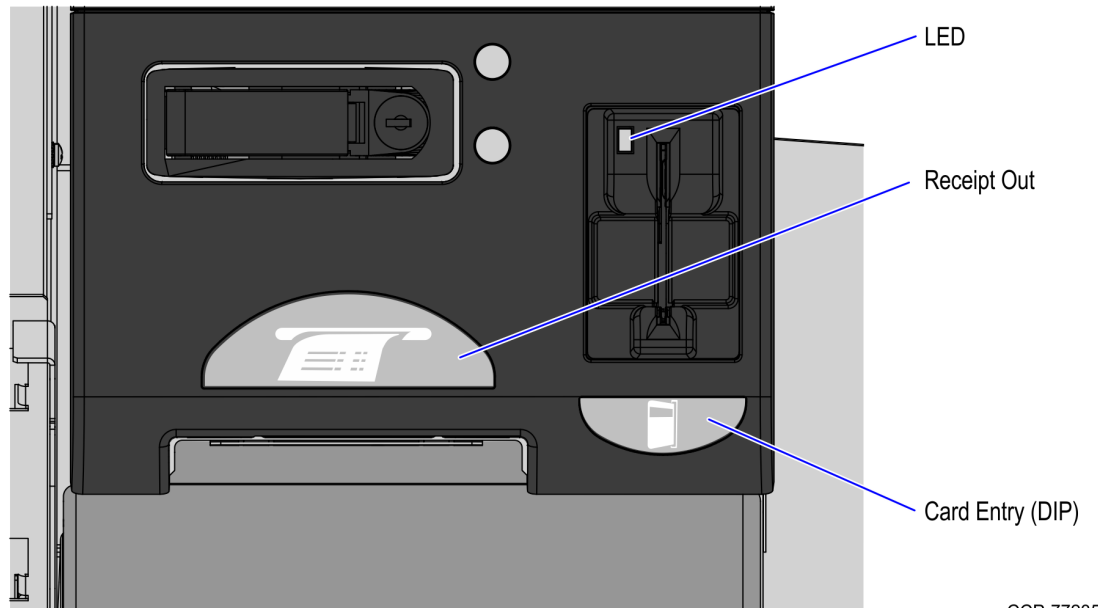
CCP-76767

2. Insert the two (2) plastic wire saddles into the slots on the bracket, as shown in the image below.



CCP-76766

- Position the DIP Reader on its proper orientation by ensuring that the LED Indicator is located on the upper part of the assembly, as shown in the image below.



CCP-77235

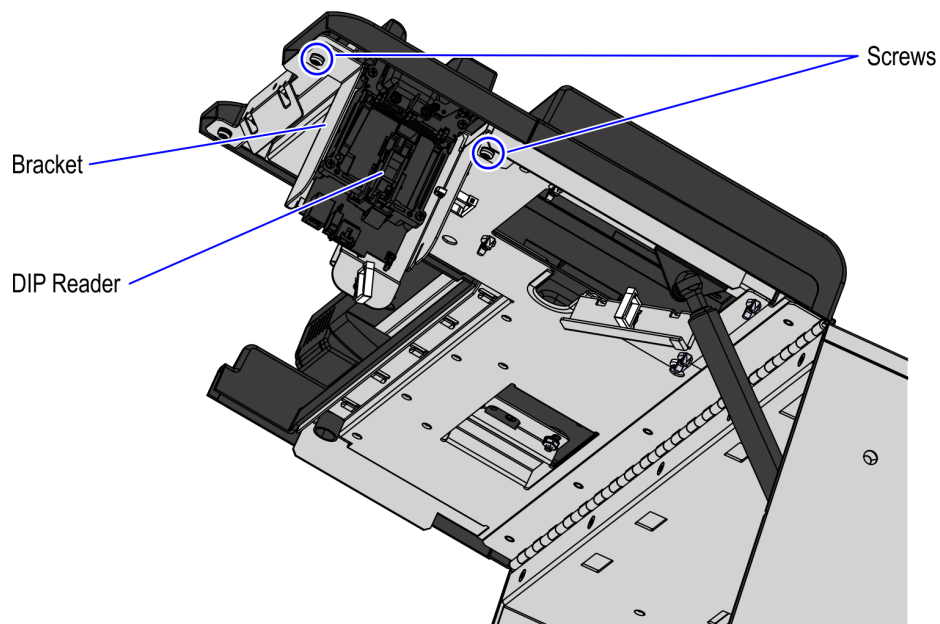
- Secure the DIP Reader assembly onto the Upper Cabinet Door cutout using two (2) screws.



Note: Reuse the remaining two (2) screws that were set aside during removal procedure.



Caution: To avoid shutter malfunction, **do not overtighten** the screws.



CCP-76760

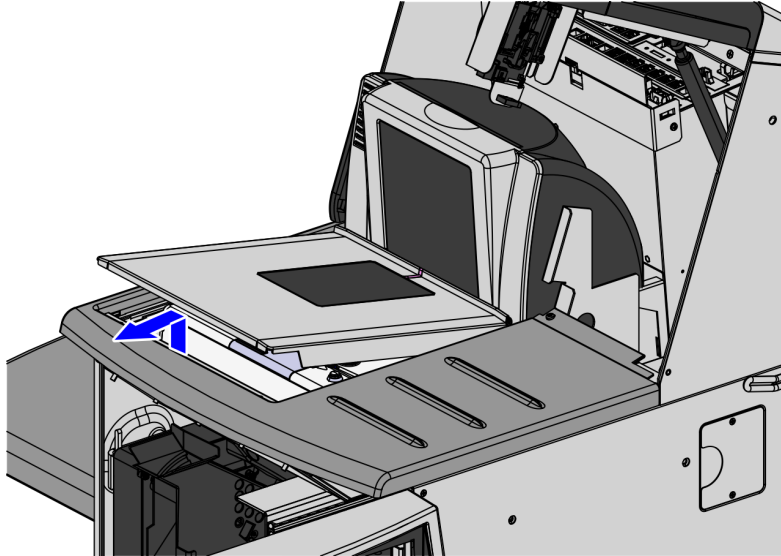
- Verify that the shutter door moves freely and closes properly.

6. Route the cables. For more information, refer to [Routing DIP Reader Cables](#) on page 14.

Removing Scanner/Scale

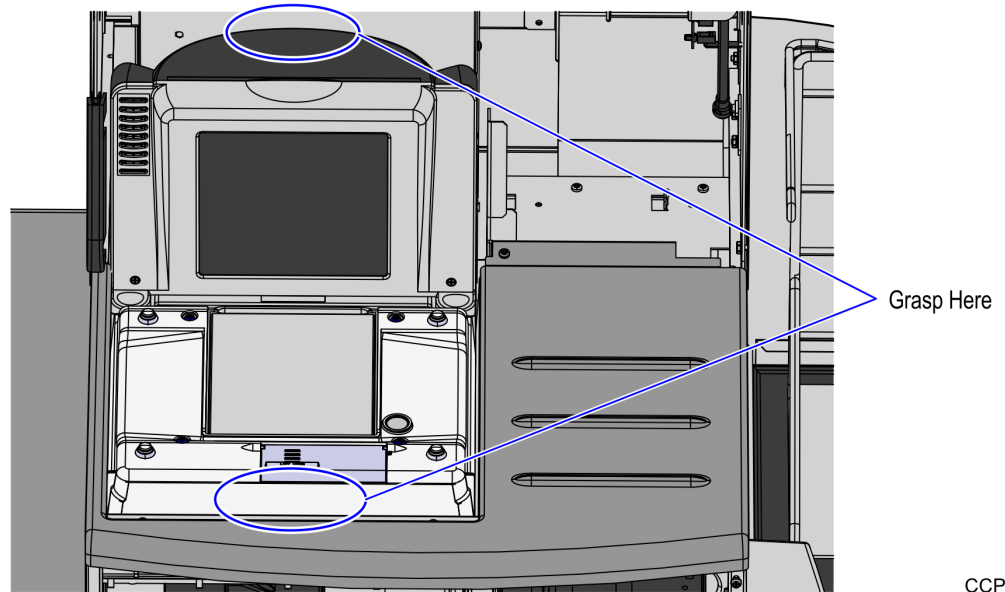
To remove the Scanner/Scale, follow these steps:

1. Ensure that the Upper Cabinet Door is open. For more information, refer to [Opening the Upper Cabinet Door](#) on page 5.
2. Lift the Scale Plate from the Scanner.



CCP-76754

3. 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.



CCP-76320

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



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.

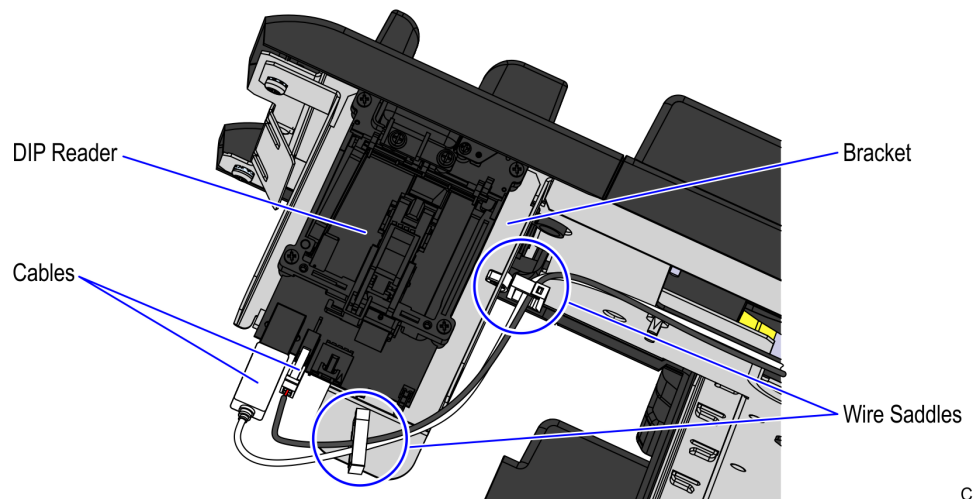
Routing DIP Reader Cables

To route the DIP Reader cables, follow these steps:

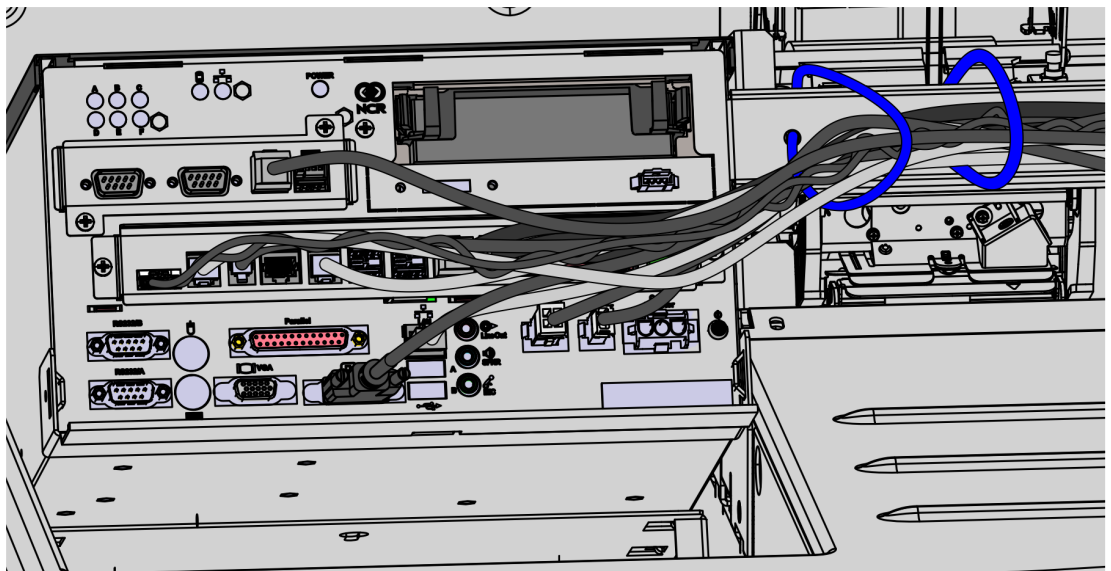


Note: Ensure that the Scanner/Scale is removed before routing the DIP Reader cables. For more information, refer to [Removing Scanner/Scale](#) on page 12.

1. Install the DIP Reader, if necessary. For more information, refer to [Installing DIP Reader](#) on page 9.
2. Secure the cables on the device by doing the following:
 - a. Connect the USB and power cables to the DIP Reader.
 - b. Route the cables through the plastic wire saddles on the bracket.



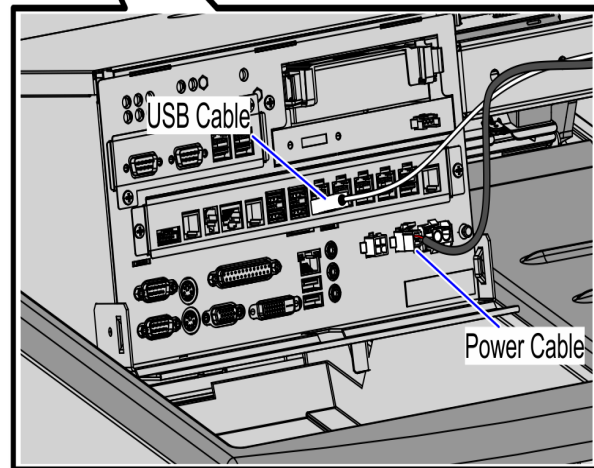
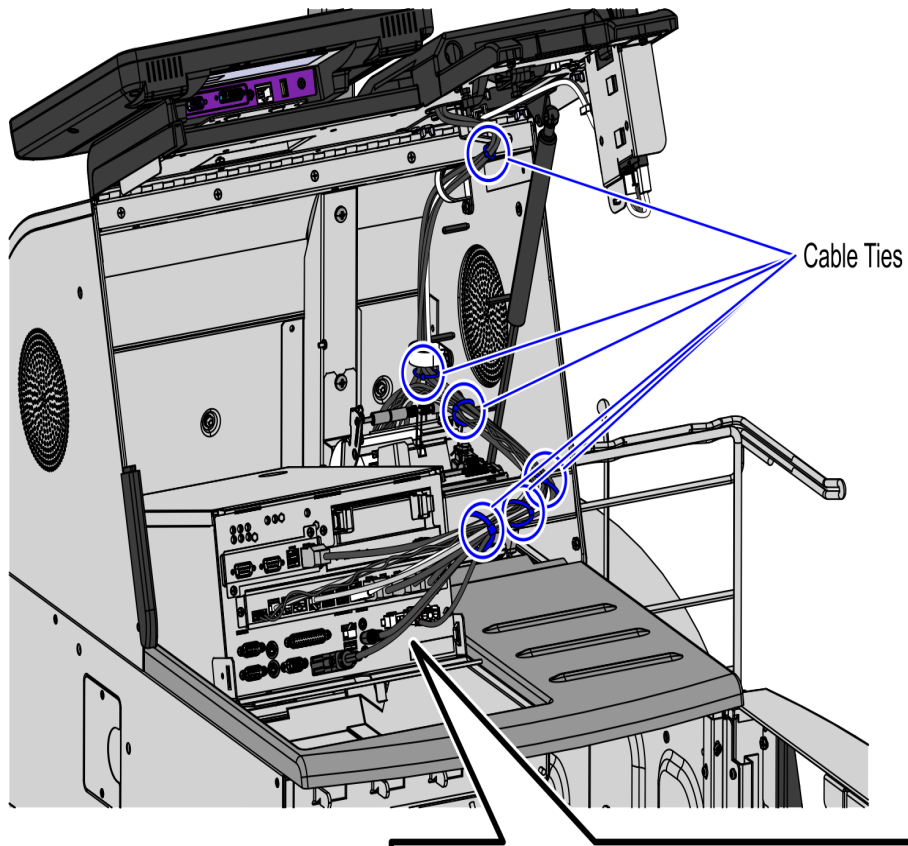
3. Tilt the E-Box Bracket forward to easily access the cables.



4. Secure the power cable to the main cable bundle using six (6) cable ties, as shown in the image below.



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



5. Connect the cables to the following destinations:

DIP Reader	Destination
USB Cable	E-Box (USB G)
Power Cable	E-Box (2-pin +12 V port)



Note: If the unit is equipped with a system fan, ensure that the Power connector is plugged into the free end of the Y-cable on the same port.

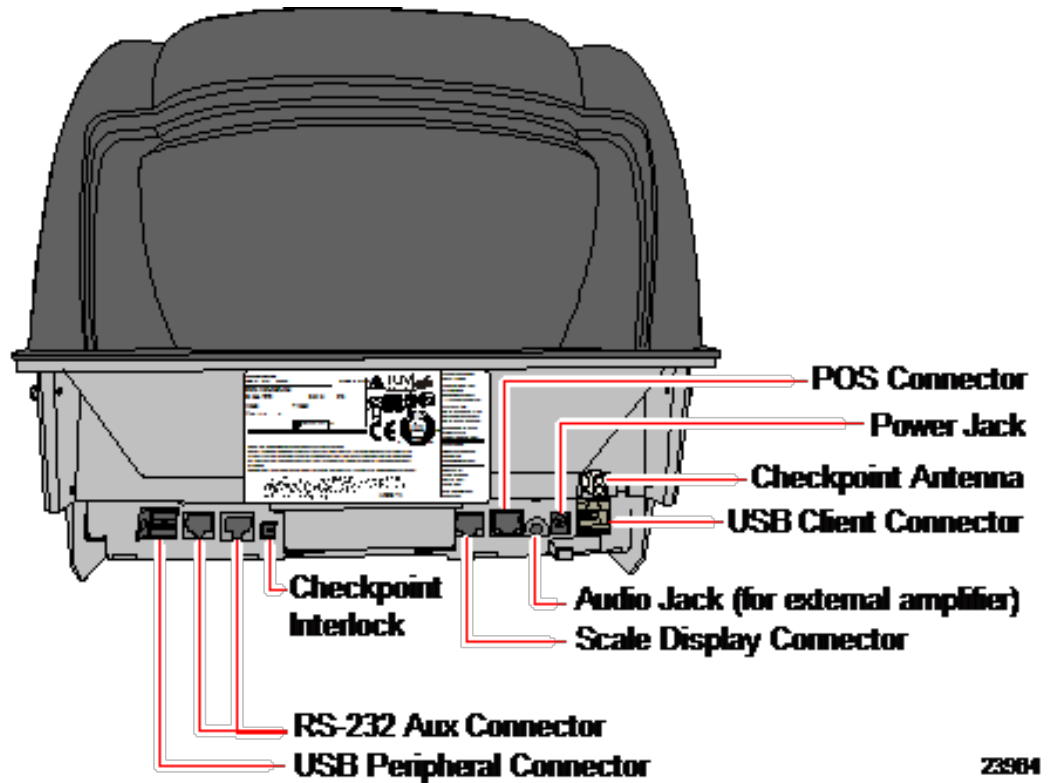
Installing the Scanner/Scale

To install the Scanner/Scale, follow these steps:

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.



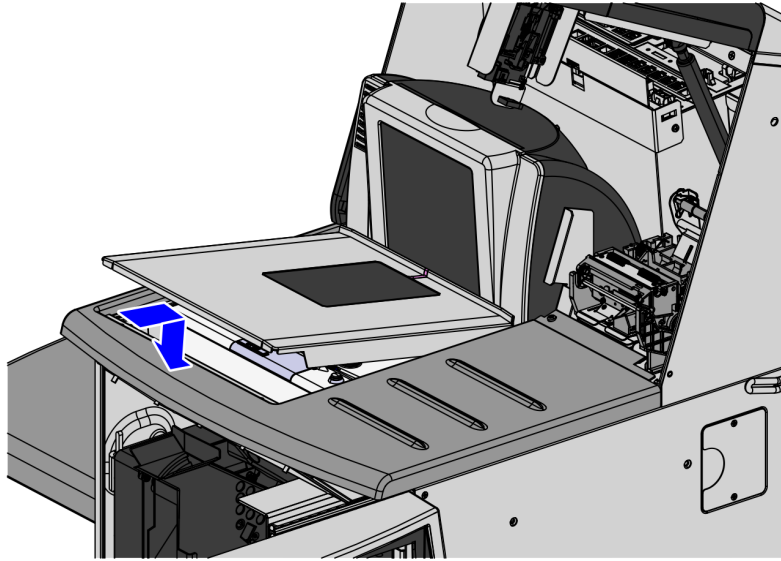
2. Grasp the Scanner/Scale by its handles and lower it into the checkstand cutout.



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

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

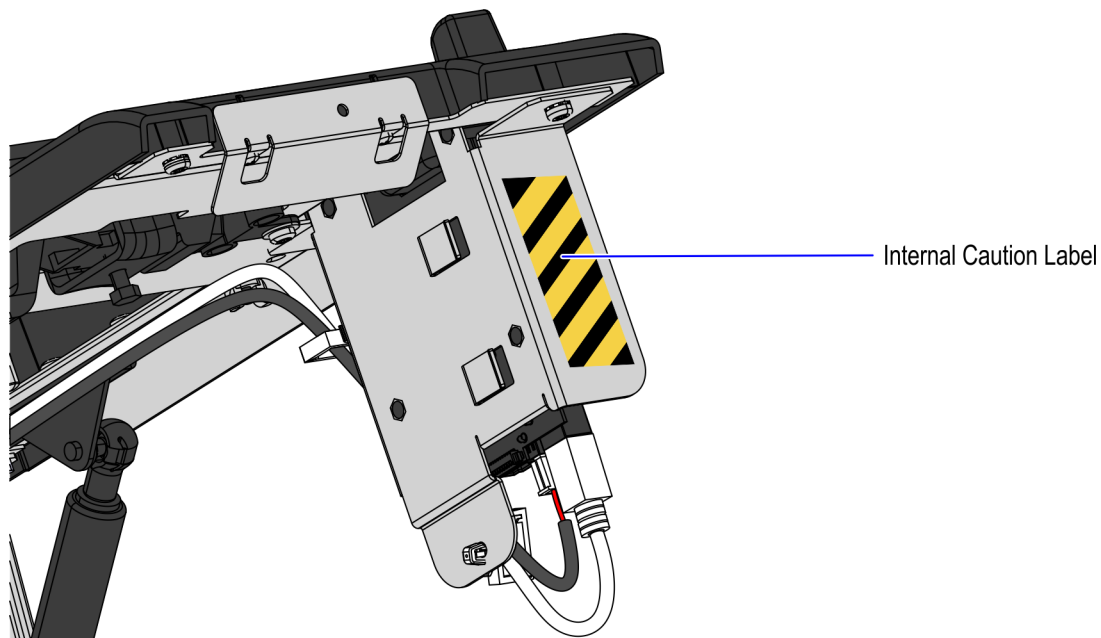


Note: It is important that the Scanner does not rock on its supports. Ensure that the Scanner is sitting on all four supports.

Installing Labels

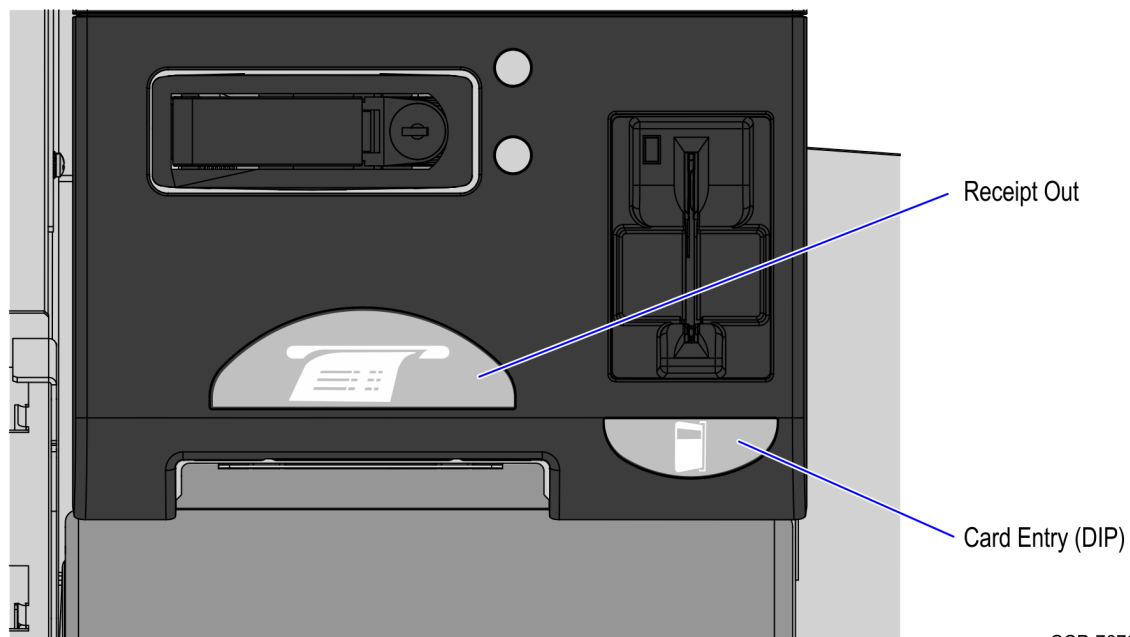
Attach the internal and external labels on the areas shown in the images below.

Internal Caution Label



CCP-76763

External Labels



CCP-76764

