



NCR Voyix SelfServ™ 90 (7709)

Kit Instructions

Datalogic 1500i Scanner (R1.2 and R2.0)

7709-K534

Issue B

Copyright and Trademark Information

The product described in this document is a copyrighted work of NCR Voyix Corporation.

NCR Voyix SelfServ™ 90 (7709) is a trademark of NCR Voyix Corporation.

It is the policy of NCR Voyix Corporation to improve products as technology, components, software and firmware become available. NCR Voyix therefore reserves the right to change specifications without prior notice.

All features, functions and operations described herein may not be marketed by NCR Voyix in all parts of the world. In some instances, photographs are of equipment prototypes.

Therefore, before using this document, consult with your NCR Voyix representative or NCR Voyix office for information that is applicable and current.

© 2020 – 2026

By NCR Voyix Corporation

Atlanta, Georgia, USA

All Rights Reserved

Confidential and proprietary information of NCR Voyix.

Use and disclose solely pursuant to company instructions.

Table of Contents

7709-K534 Datalogic 1500i Scanner (R1.2 and R2.0)	5
Kit Contents	6
NCR Voyix 7709 R1.2 Installation Procedure	7
NCR Voyix 7709 R2.0 Installation Procedure	13

Confidential and proprietary information of NCR Voyix.
Use and disclose solely pursuant to company instructions.

Revision Record

Publication issue	Date	Description of change
A	Sep 2020	First issue.
B	Jan 2026	Updated with NCR Voyix brand.

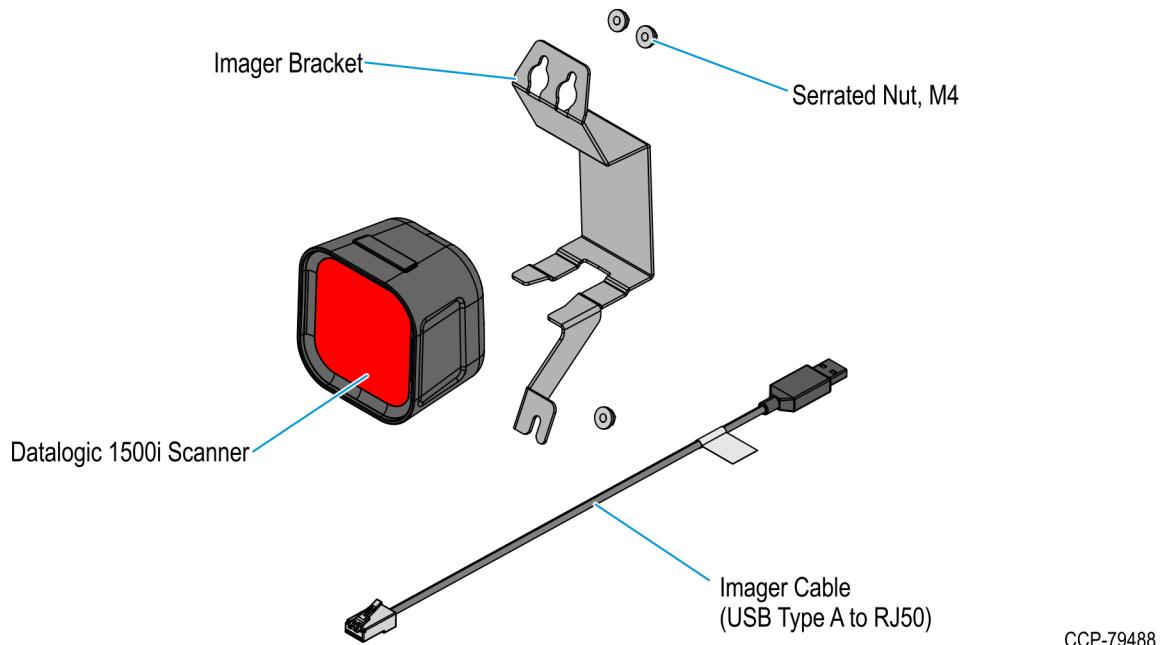
Confidential and proprietary information of NCR Voyix.
Use and disclose solely pursuant to company instructions.

7709-K534 Datalogic 1500i Scanner (R1.2 and R2.0)

This publication provides procedures for upgrading the NCR Voyix SelfServ™ 90 (7709) R1.2 and R2.0 Imaging Scanner from Honeywell 7580G to Datalogic 1500i.

Confidential and proprietary information of NCR Voyix.
Use and disclose solely pursuant to company instructions.

Kit Contents



CCP-79488

Part Number	Description
497-0528577	7709-K534 Datalogic 1500i Scanner (R1.2 and R2.0)
497-0533445	Scanner, Datalogic Magellan 1500I With Base Cover, Black, Fw Ver. 3
497-0528564	Cable, USB-A To Rj-50, Magellan 1500I Imager, 410mm
497-0530159	Bracket, 1500I Scanner, 7709
009-0007087	Serrated Nut - Self Locking (M4, 4.2) (3 pcs)
* 006-8615143	Cable Tie, 142Mm X 3.6Mm
* 497-0423108	Instructions-Kit (Reference Sheet)

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

NCR Voyix 7709 R1.2 Installation Procedure

This section provides the installation procedure for NCR SelfServ 90 Kiosks with PID 7709-2200-8090.

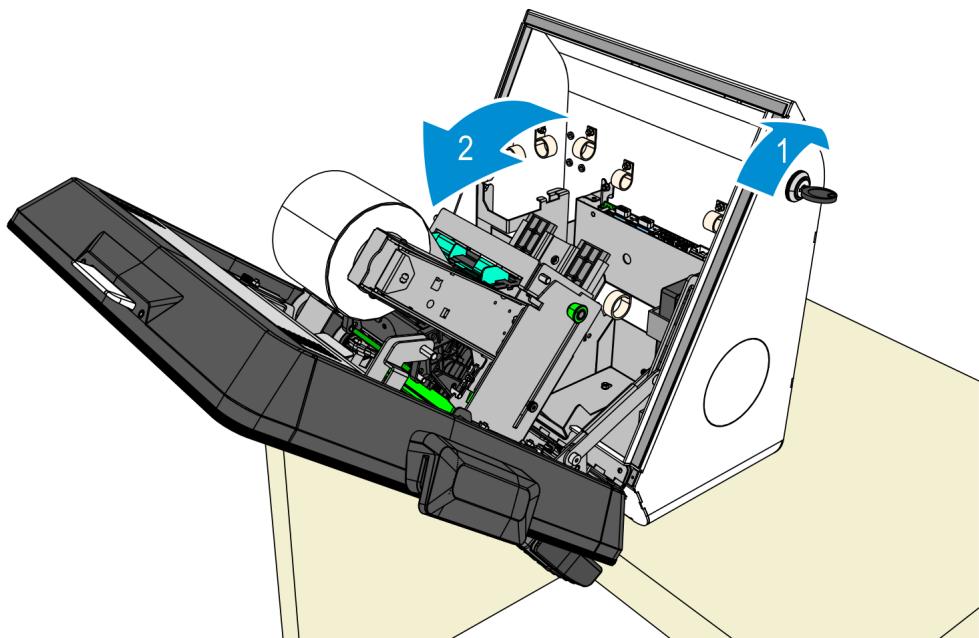
⚠ Warning

Disconnect the AC power cord before disassembling the kiosk.

1. Shutdown and power off the terminal. Disconnect the Kiosk AC Power Cable from the outlet.
2. To open the kiosk, insert the key into the lock at the right-hand side of the kiosk, turn the key clockwise, and carefully open the front of the kiosk.

⚠ Caution

Do NOT abruptly open and release the front of the kiosk. Hold and support the front of the kiosk until fully extended.

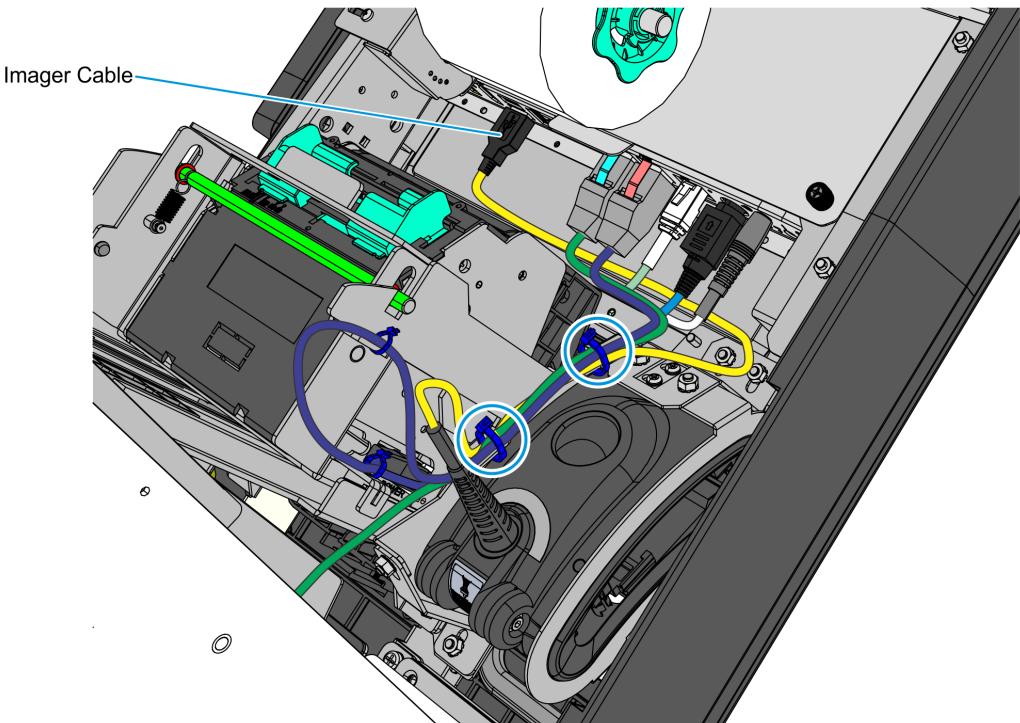


CCP-73618

Confidential and proprietary information of NCR Voyix.

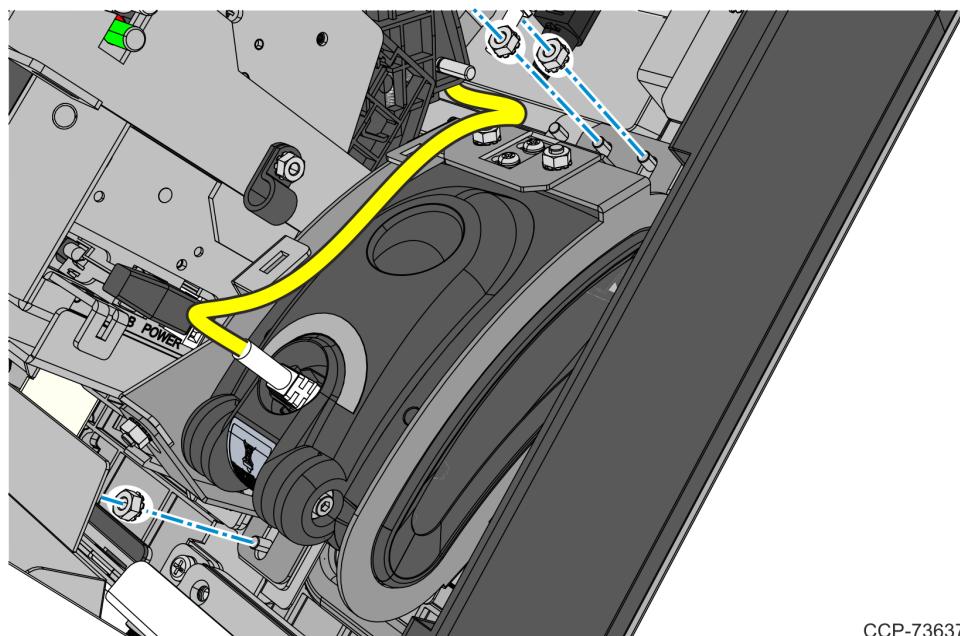
Use and disclose solely pursuant to company instructions.

3. Remove the Honeywell 7580G Imaging Scanner assembly from the kiosk.
 - a. Disconnect the Imaging Scanner Cable from the motherboard, and cut off the cable ties securing the cables routed on the Imaging Scanner bracket.



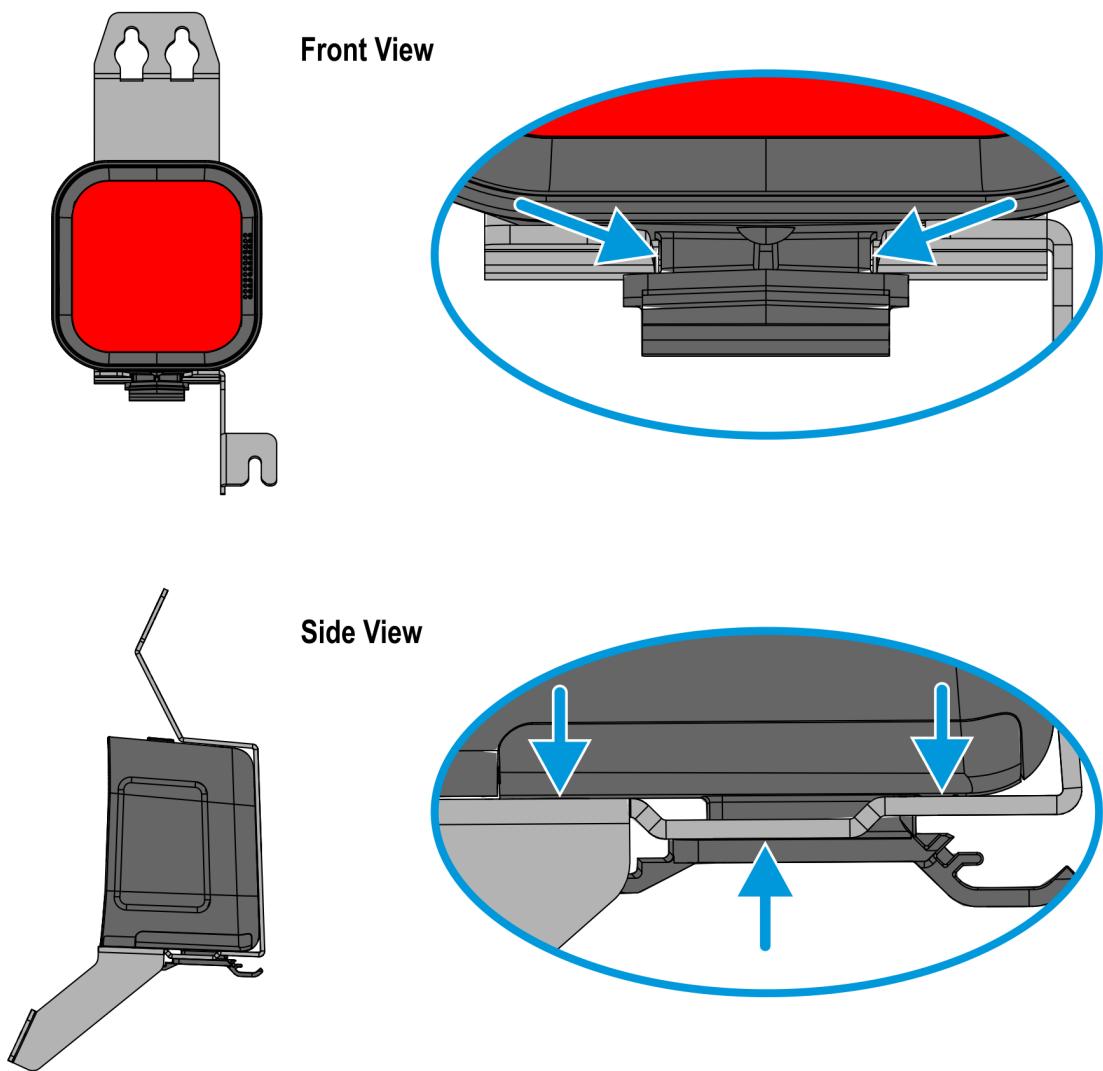
CCP-79499

- b. Remove the three nuts securing the Imaging Scanner to the kiosk and then lift the Imaging Scanner out of its mounting area.



CCP-73637

4. Install the Datalogic 1500i Imaging Scanner assembly.
 - a. Mount the Imaging Scanner onto the Imager bracket. Ensure that it sits tightly into the slot, as shown in the following image.

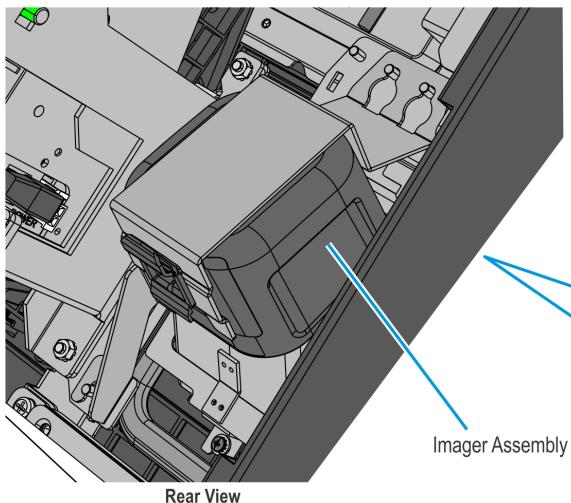


CCP-79498

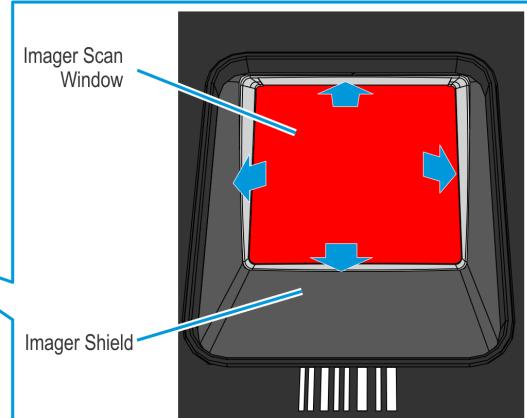
b. Mount the Imaging Scanner assembly over the Imager Shield.

! Important

On the front side of the fascia, make sure that all sides of the Imager Scan Window is flush against the sides of the Imager Shield. Adjust the alignment of the Imager accordingly.



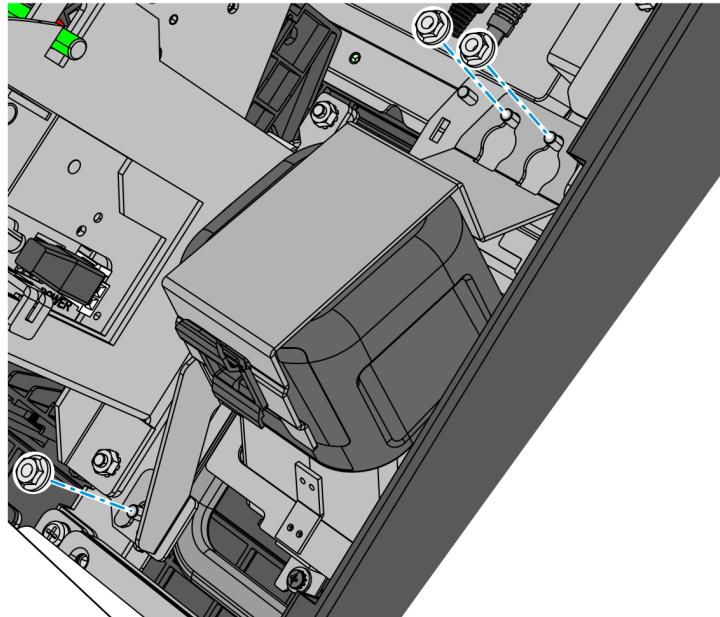
Rear View



Front View - Make sure that all sides of the Imager Scan Window is flush against the sides of the shield.

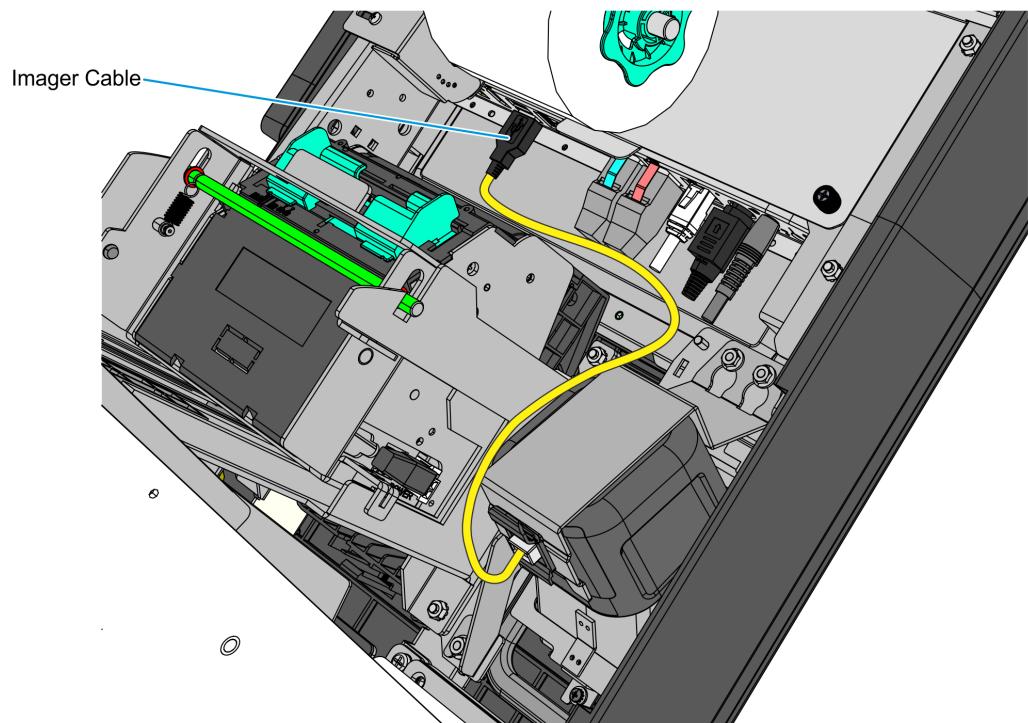
CCP-79497

c. Secure the Imaging Scanner assembly to the kiosk using three nuts.



CCP-79496

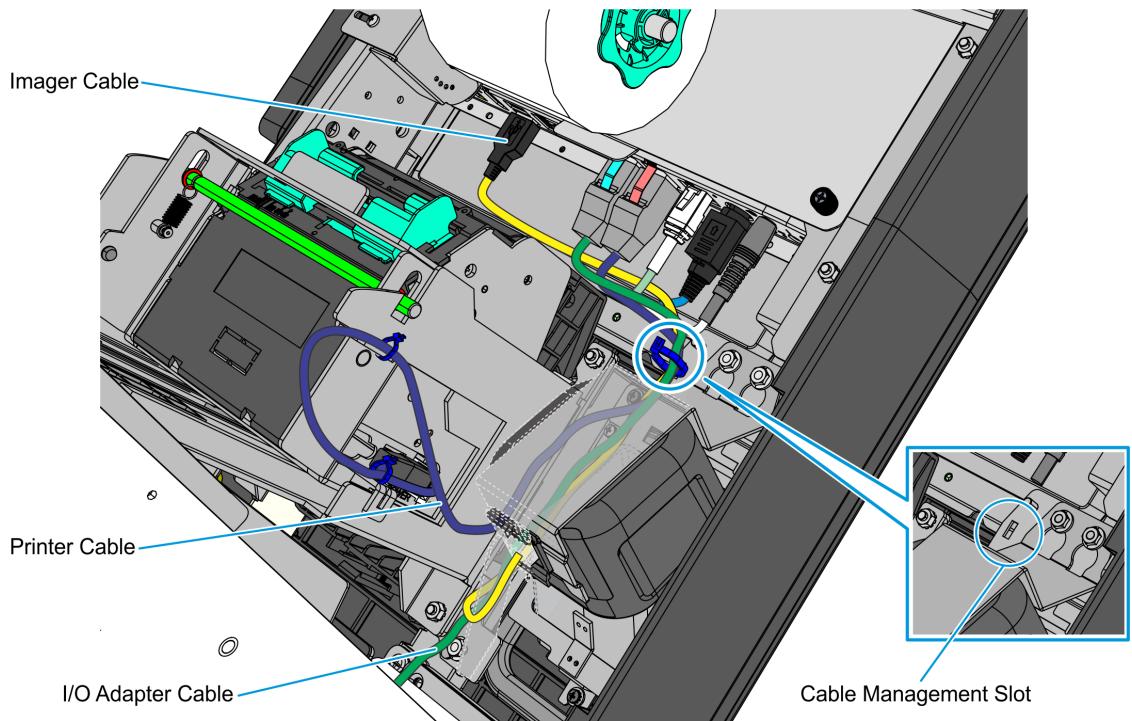
d. Connect one end of the Imaging Scanner cable to the bottom of the Imaging Scanner and connect the other end to the USB B port of the motherboard.



CCP-79495

e. Route and tuck the following cables together on the left side of the Imaging Scanner assembly and use a cable tie to secure the cables to the cable management slot shown in the following image.

- Imager USB cable
- Printer USB and Power cable
- I/O Adapter Power cable



CCP-79494

NCR Voyix 7709 R2.0 Installation

Procedure

This section provides the installation procedure for NCR SelfServ 90 Kiosks with PID 7709-3000-8090 and 7709-4000-8090.

Warning

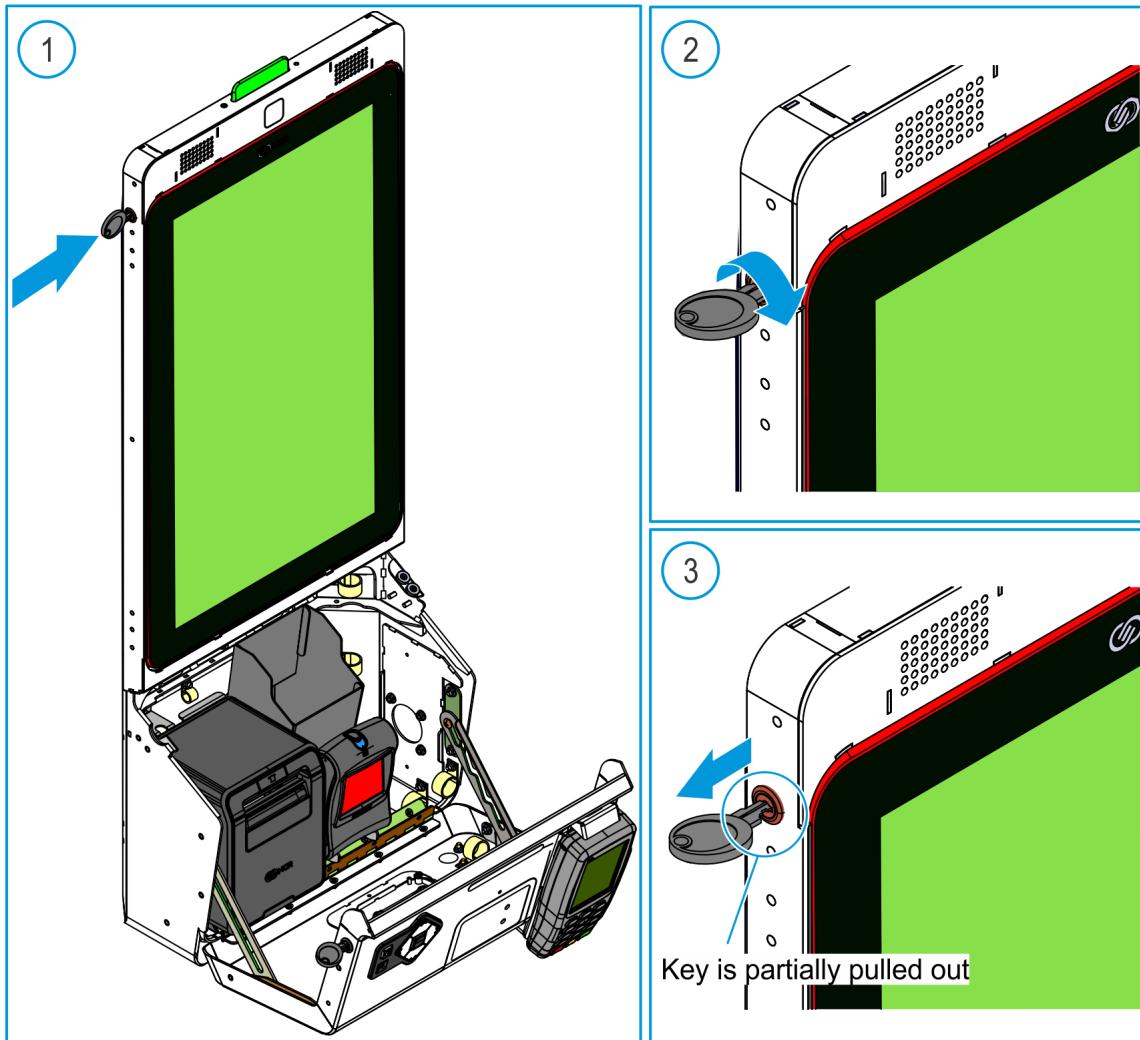
Disconnect the AC power cord before disassembling the kiosk.

1. Shutdown and power off the terminal. Disconnect the Kiosk AC Power Cable from the outlet.

2. To open the kiosk, insert the key into the lock at the right-hand side of the kiosk, turn the key clockwise, and carefully open the front of the kiosk.

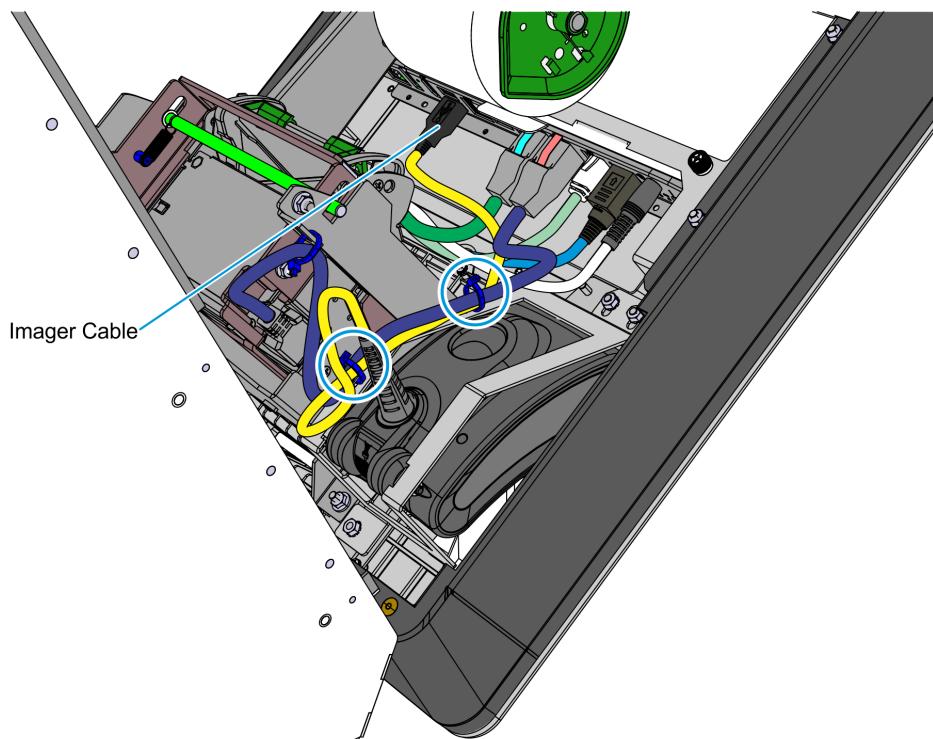
⚠ Caution

Do NOT abruptly open and release the front of the kiosk. Hold and support the front of the kiosk until fully extended.



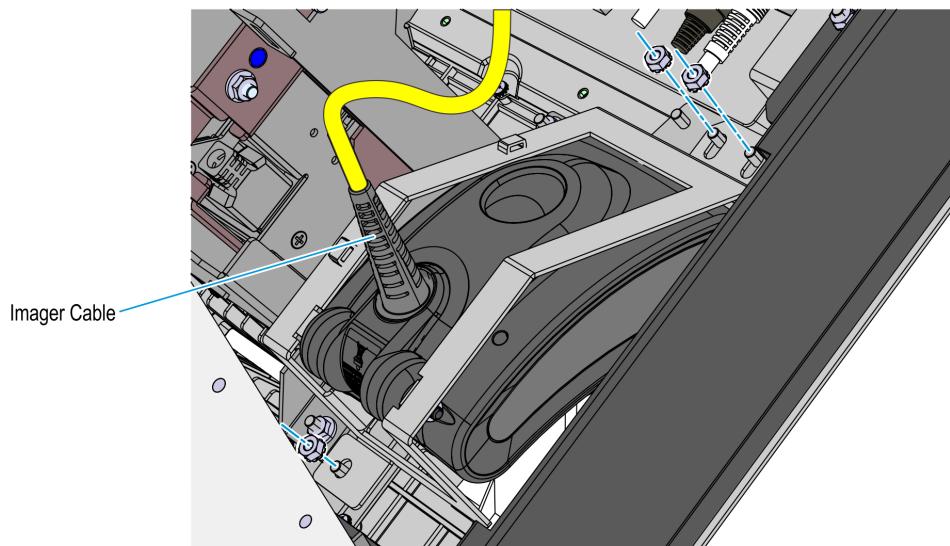
CCP-77664

3. Remove the Honeywell 7580G Imaging Scanner.
 - a. Disconnect the Imaging Scanner Cable from the motherboard, and cut off the cable ties securing the cables routed on the Imaging Scanner bracket.



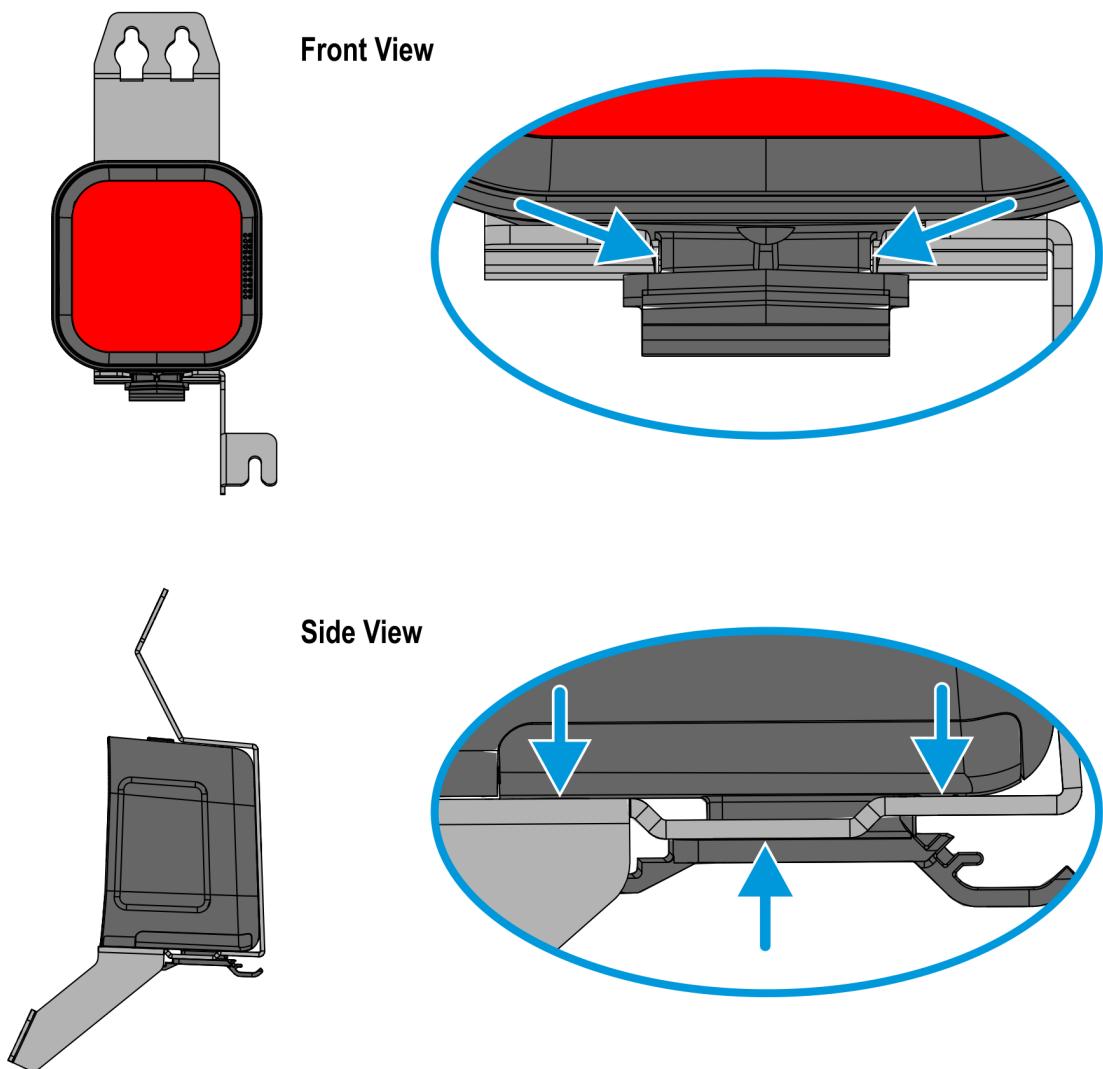
CCP-79493

- b. Remove the three nuts securing the Imaging Scanner to the kiosk and then lift the Imaging Scanner out of its mounting area.



CCP-77975

4. Install the Datalogic 1500i Imaging Scanner assembly.
 - a. Mount the Imaging Scanner onto the Imager bracket. Ensure that it sits tightly into the slot, as shown in the following image.

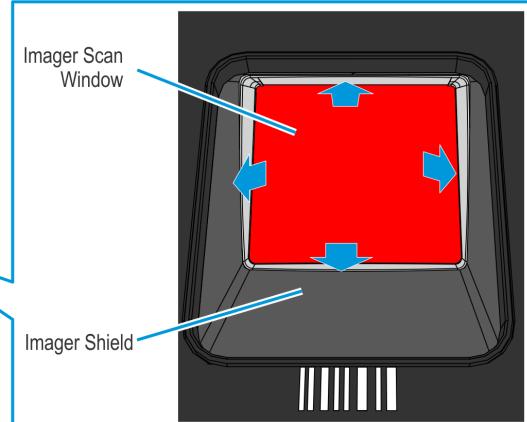
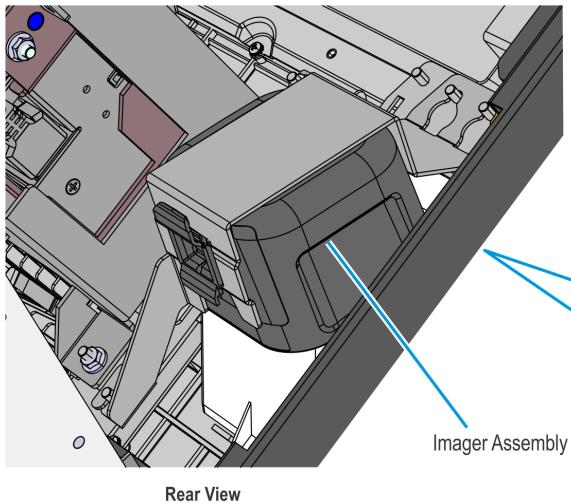


CCP-79498

b. Mount the Imaging Scanner assembly over the Imager Shield.

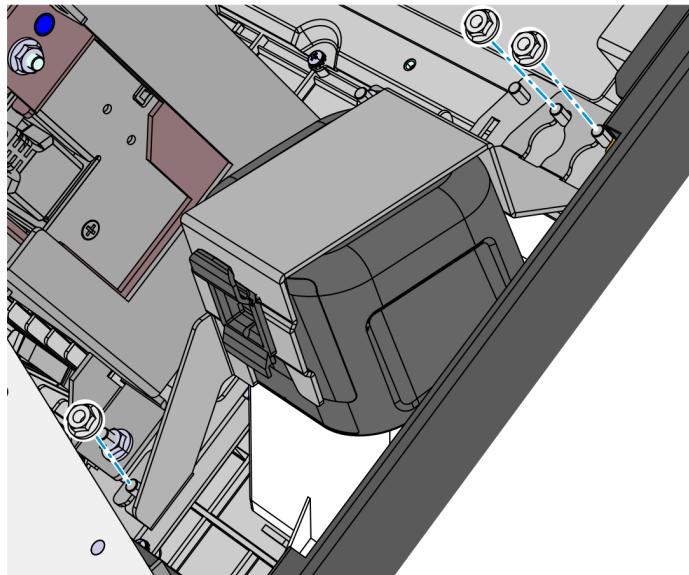
Important

On the front side of the fascia, make sure that all sides of the Imager Scan Window is flush against the sides of the Imager Shield. Adjust the alignment of the Imager accordingly.



CCP-79492

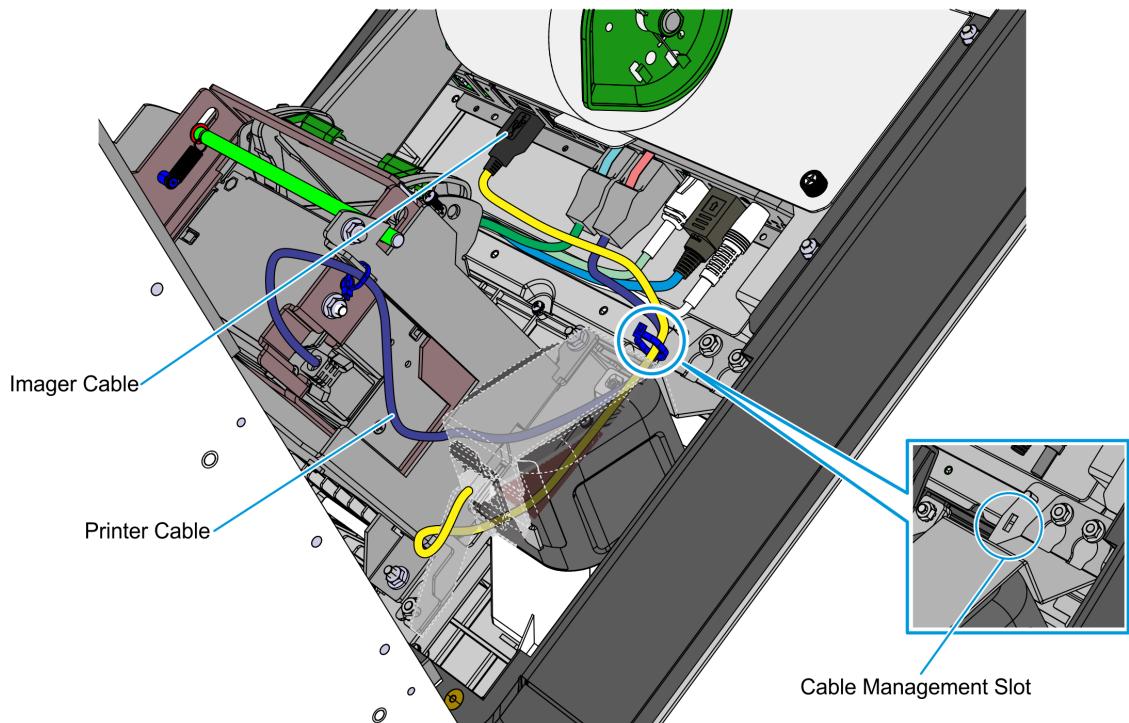
c. Secure the Imaging Scanner assembly to the kiosk using three nuts.



CCP-79491

d. Route and tuck the following cables together on the left side of the Imaging Scanner assembly and use a cable tie to secure the cables to the cable management slot shown in the following image.

- Imager USB cable
- Printer USB and Power cable



CCP-79489