



NCR Voyix SelfServ™ 90 (7709)

Kit Instructions

Datalogic DSM0422 Scanner (R1.0 and R1.1)

7709-K535

Issue B

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Revision Record

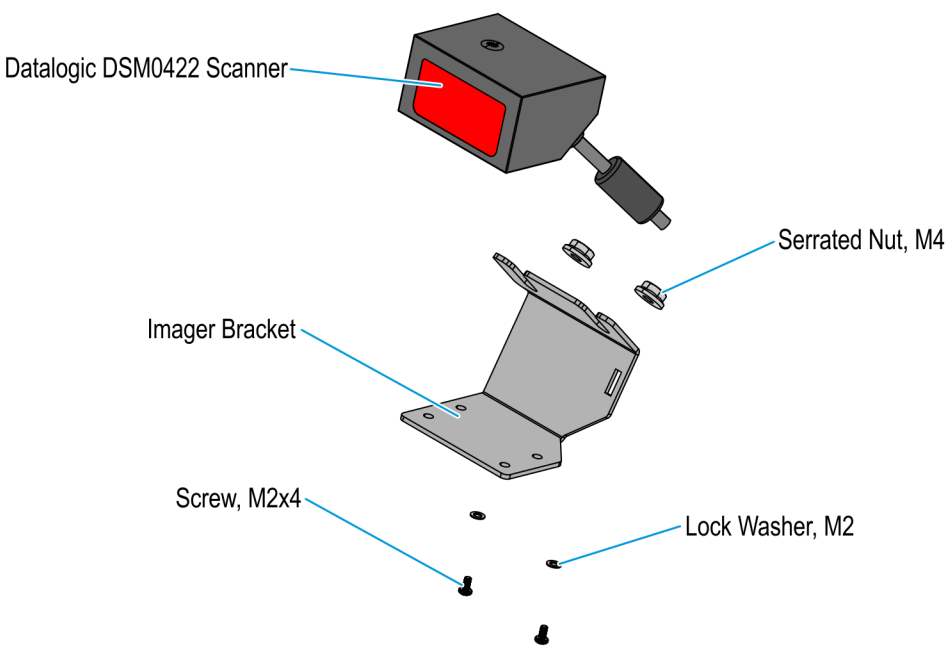
Publication issue	Date	Description of change
A	Jul 2020	First issue.
B	Jan 2026	Updated with NCR Voyix brand.

7709-K535 Datalogic DSM0422

Scanner (R1.0 and R1.1)

This publication provides procedures for upgrading the NCR Voyix SelfServ™ 90 (7709) R1.0 and R1.1 Imaging Scanner from Honeywell N5680 to Datalogic DSM0422.

Kit Contents



CCP-79487

Part Number	Description
497-0528578	7709-K535 Datalogic DSM0422 Scanner (R1.0 and R1.1)
006-8627900	Scanner, Datalogic Dsm0422, Wide Angle, Built-In 500Mm USB Cable
497-0528546	Bracket, Imager, 7709
009-0007087	Serrated Nut - Self Locking (M4, 4.2) (2 pcs)
006-8622599	Screw,M2X4Mm,Phil,Pan,Blk Oxide, Nylock (2 pcs)
006-8612124	M2 Lock Washer (2 pcs)

Part Number	Description
* 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 R1.0 Installation Procedure



Warning

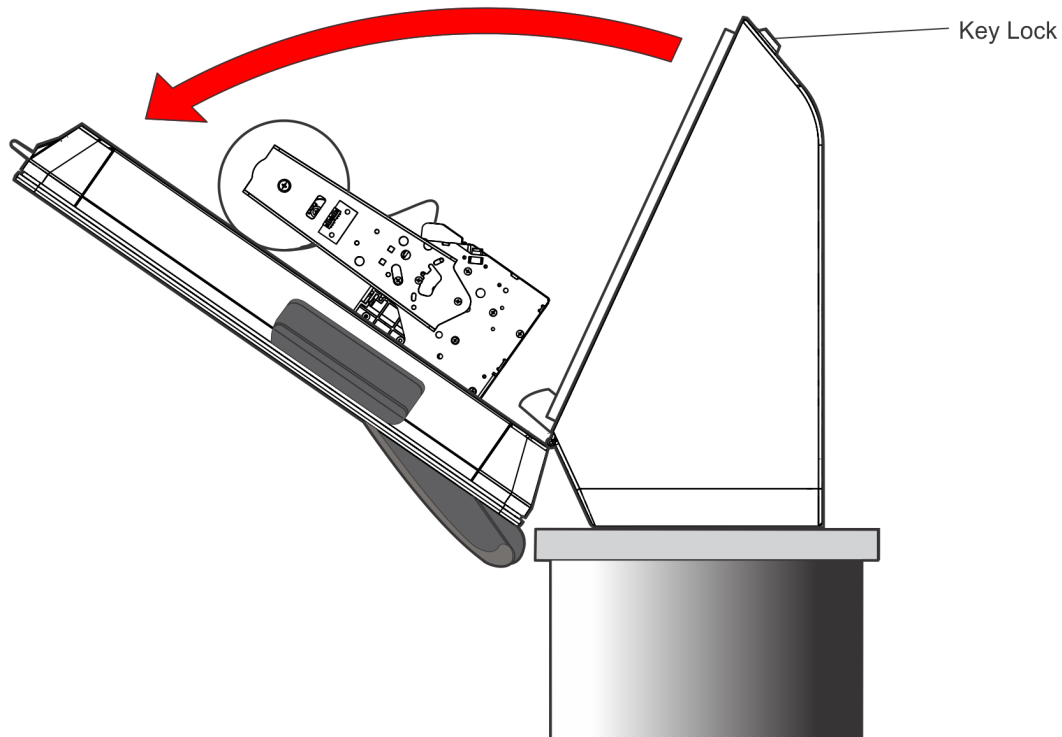
Disconnect the AC power cord before disassembling the Terminal.

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 back of the kiosk, turn the key clockwise, and carefully open the front of the kiosk.



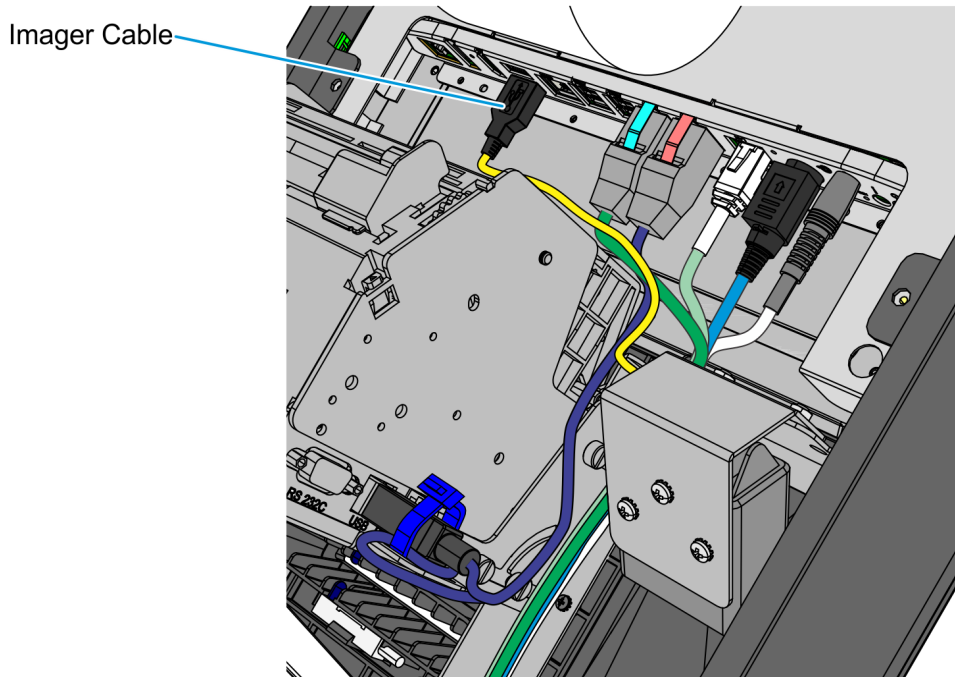
Caution

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



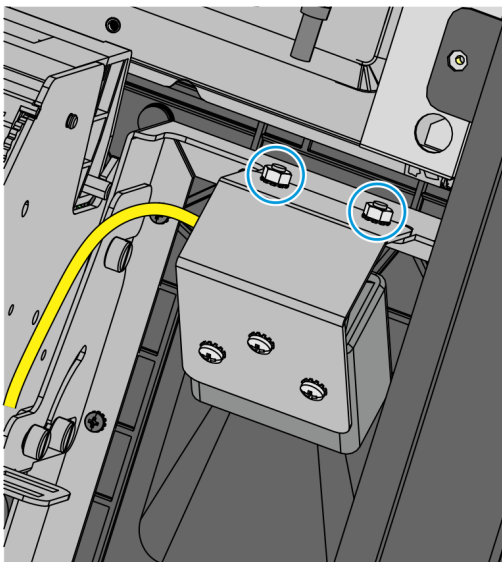
ATL-33789

3. Remove the Honeywell N5680 Imaging Scanner assembly from the kiosk.
 - a. Disconnect the Imaging Scanner Cable from the motherboard, and cut off the cable ties along its route.



CCP-79481

- b. Remove the two nuts that secure the Imaging Scanner assembly to the kiosk and then remove the assembly from the studs.



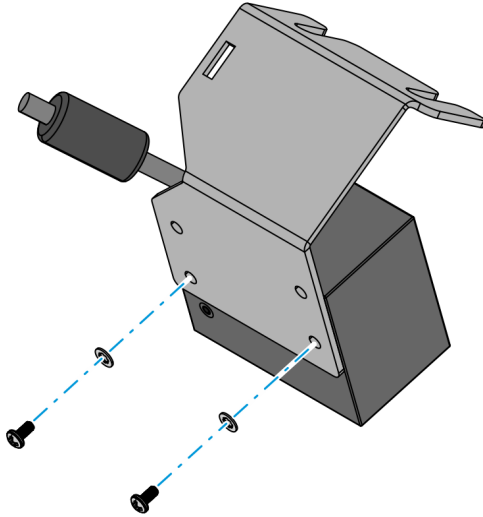
CCP-79480

4. Install the Datalogic DSM0422 Imaging Scanner assembly.
 - a. Mount the Imaging Scanner onto the Imager bracket and secure with washers and screws.



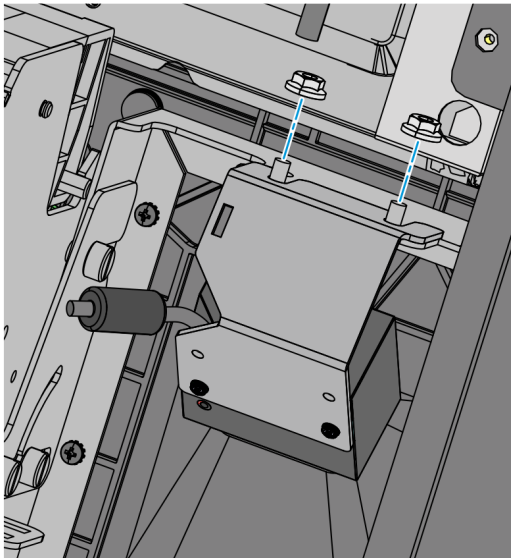
Note

For NCR Voyix 7709 R1.0 units, use the bottom mounting holes of the Imager bracket.



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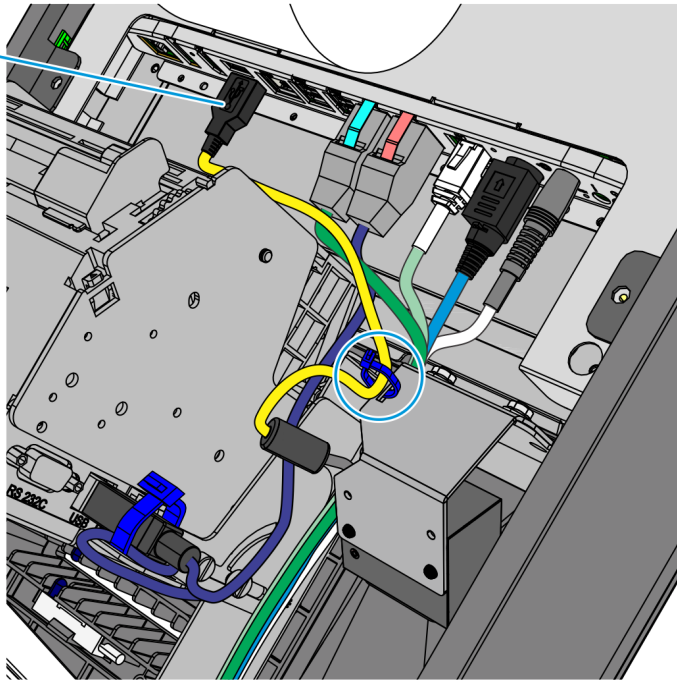
- b. Mount the Imaging Scanner assembly over the Imager Shield and secure the assembly to the kiosk using two nuts.



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- c. Connect the Imaging Scanner cable to the USB B port of the motherboard and use a cable tie to secure the cable to the cable management slot shown in the following image.

Imager Cable



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NCR Voyix 7709 R1.1 Installation Procedure



Warning

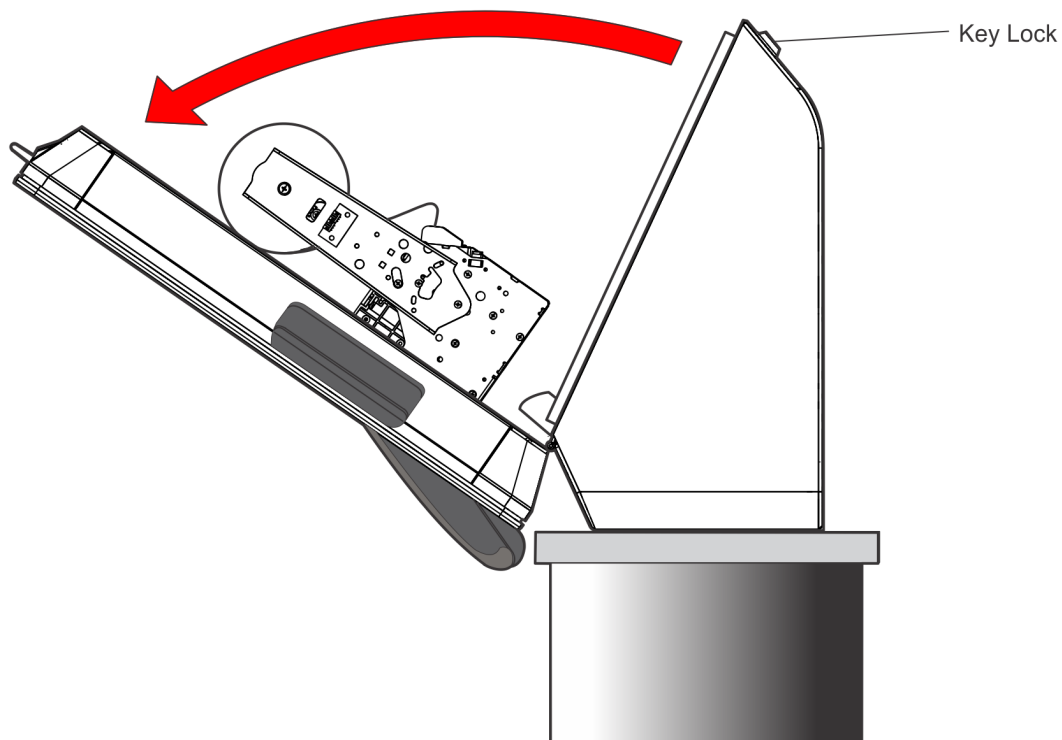
Disconnect the AC power cord before disassembling the Terminal.

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 back of the kiosk, turn the key clockwise, and carefully open the front of the kiosk.



Caution

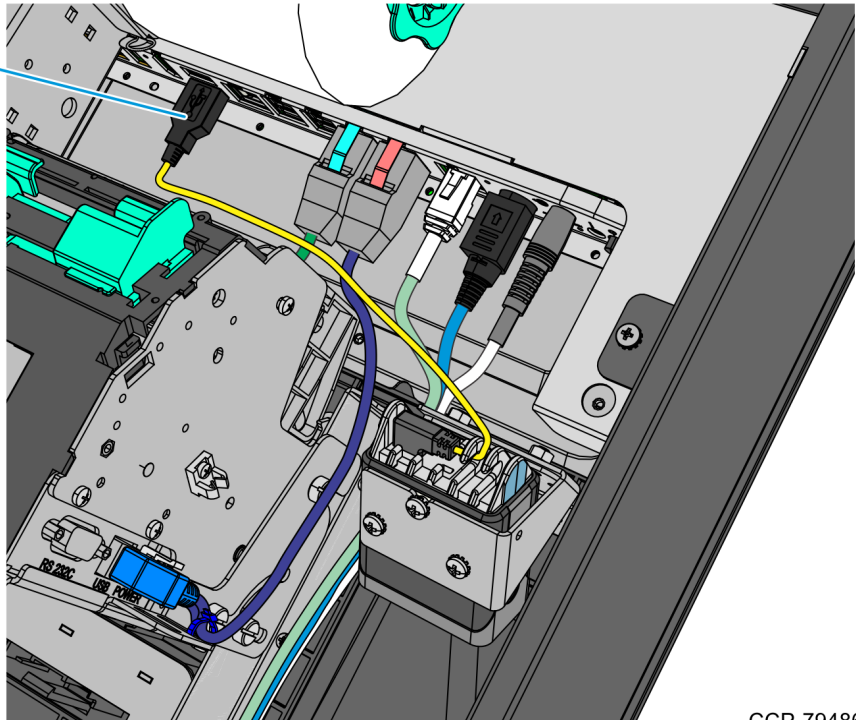
Do NOT abruptly open and release the front of the kiosk. Hold and support the front of the kiosk until fully extended.



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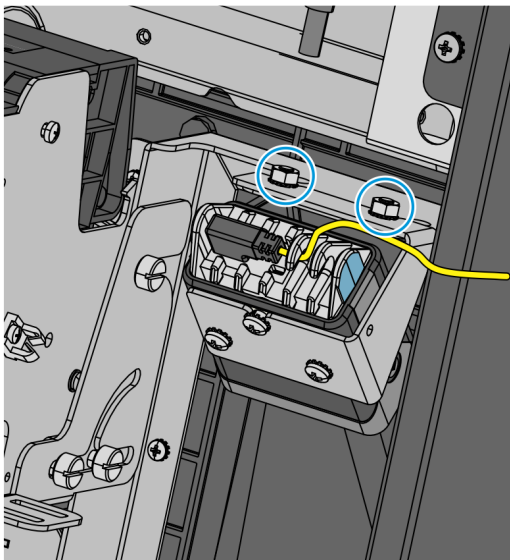
3. Remove the Honeywell N5680 Imaging Scanner assembly from the kiosk.
 - a. Disconnect the Imaging Scanner Cable from the motherboard, and cut off the cable ties along its route.

Imager Cable



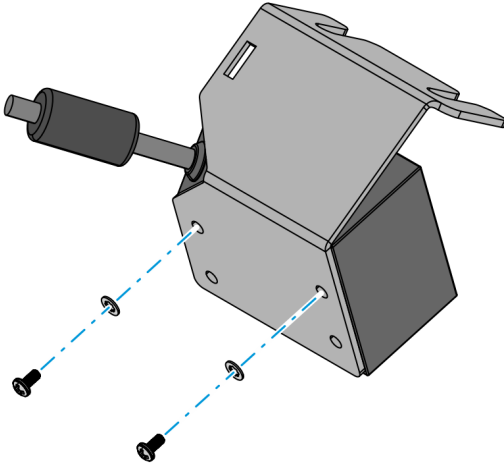
CCP-79486

- b. Remove the two nuts that secure the Imaging Scanner assembly to the kiosk and then remove the assembly from the studs.



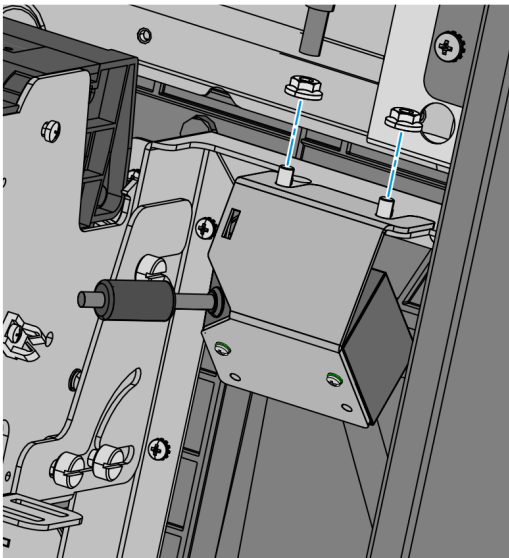
CCP-79485

4. Install the Datalogic DSM0422 Imaging Scanner assembly.
 - a. Mount the Imaging Scanner onto the Imager bracket and secure with washers and screws.
 - b. For NCR Voyix 7709 R1.1 units, use the top mounting holes of the Imager bracket.



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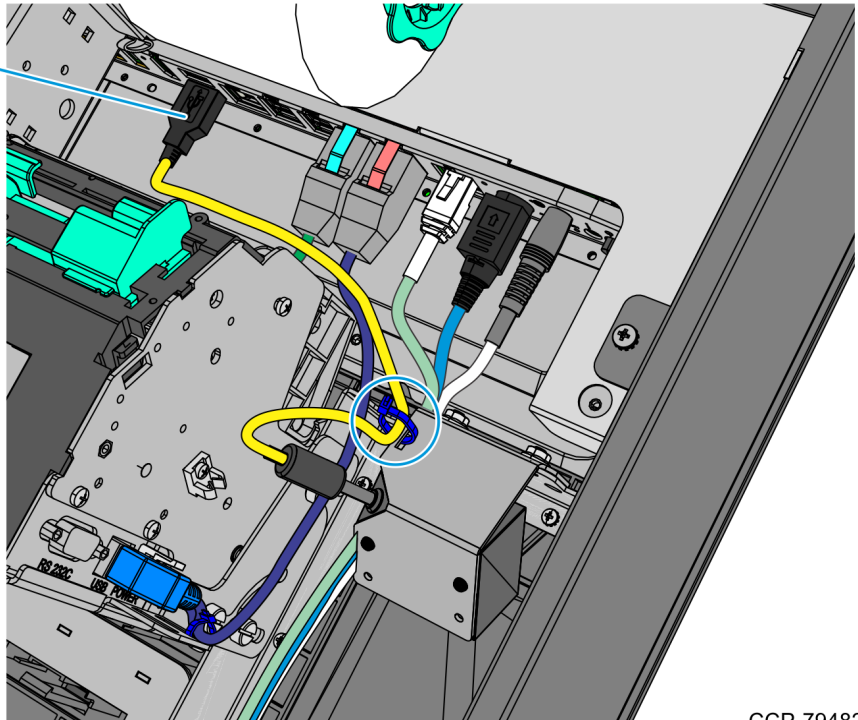
- c. Mount the Imaging Scanner assembly over the Imager Shield and secure the assembly to the kiosk using two nuts.



CCP-79483

- d. Connect the Imaging Scanner cable to the USB B port of the motherboard and use a cable tie to secure the cable to the cable management slot shown in the following image.

Imager Cable



CCP-79482