

# KIT INSTRUCTIONS

## NCR RealPOS XR8 Integration Tray

Release 1.0

7607-K507  
Issue A



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## Revision Record

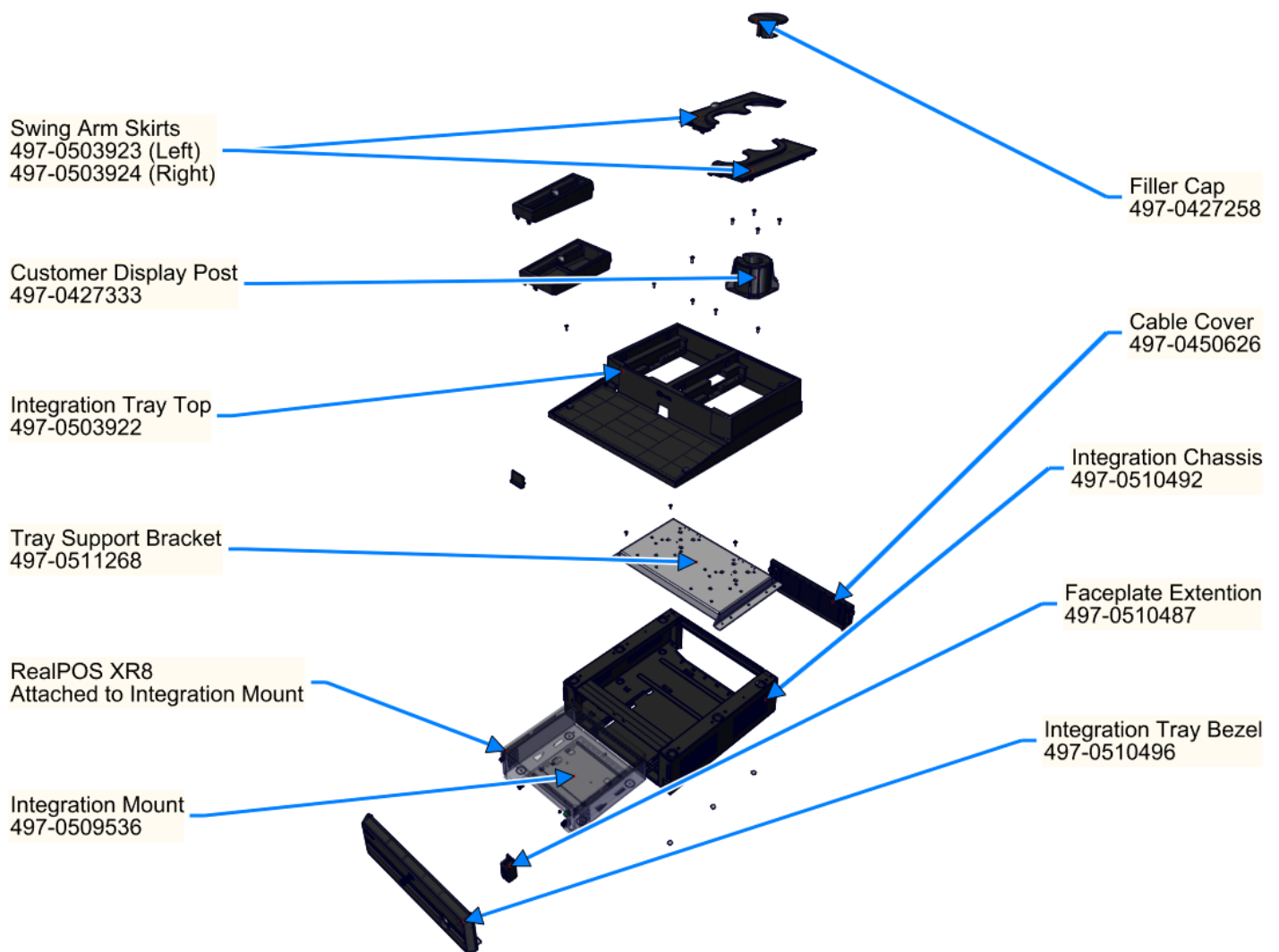
Issue	Date	Remarks
A	Sept 2016	First Issue

# RealPOS XR8 Integration Tray Kit Instructions

## Introduction

The Integration Tray kit provides the necessary components for integrating the displays, printers, and cash drawer with the RealPOS XR8 terminal.

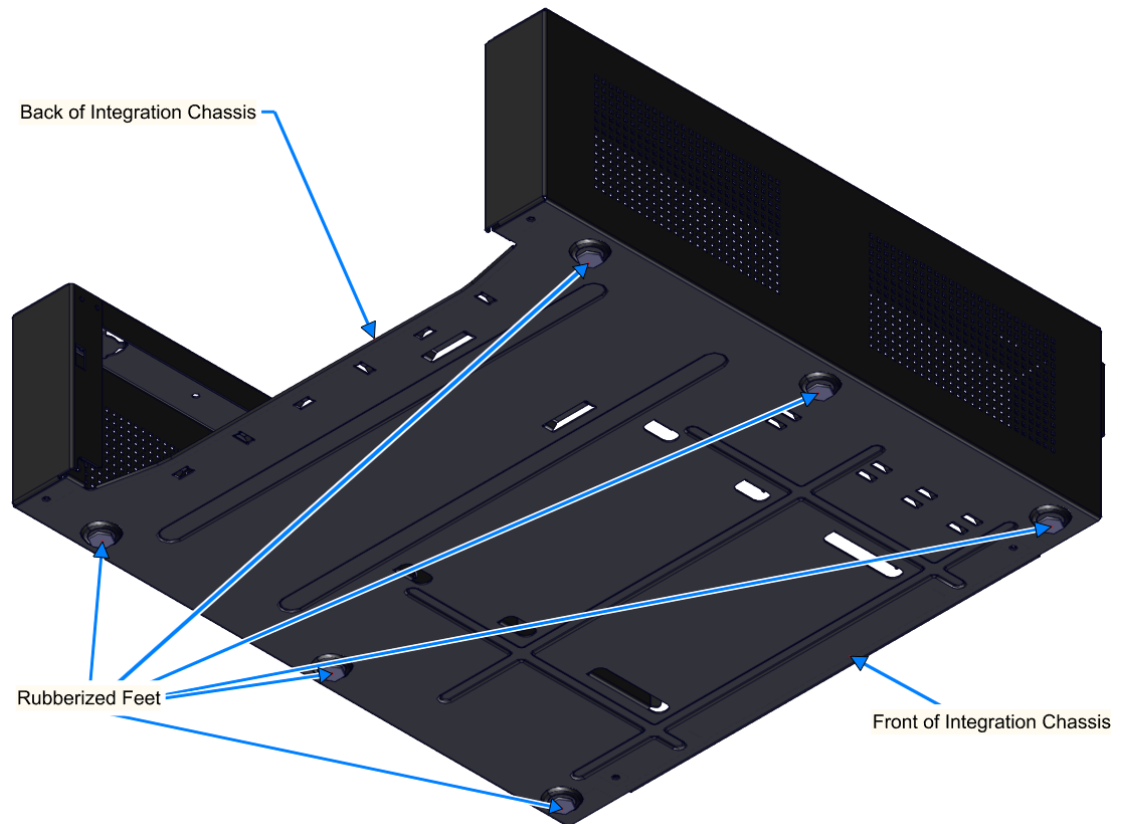
## Kit Contents



# Installation Procedures

## Constructing the Integration Tray

1. Unpack all piece parts for the Integration Tray and verify all parts are present.
2. Place the Integration Chassis on a flat surface or secure to final lane position.
  - a. If needed install the provided rubberized feet with the adhesive back to the six raised points on the bottom of the Integration Chassis.

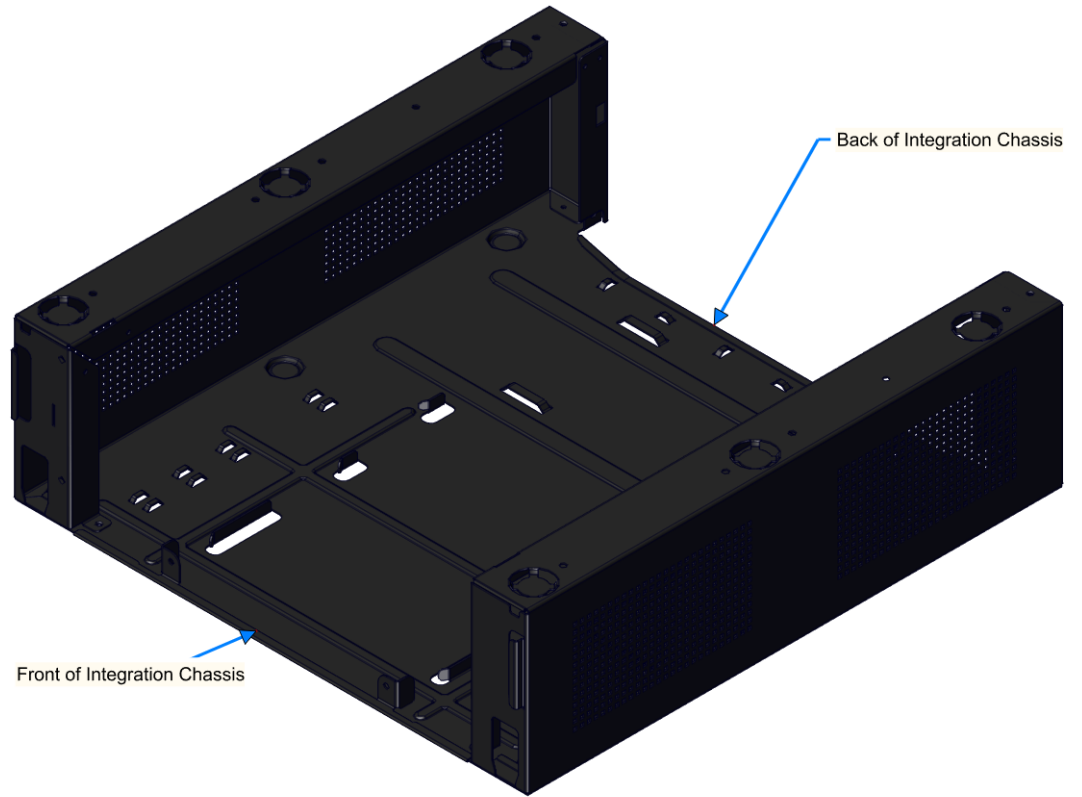


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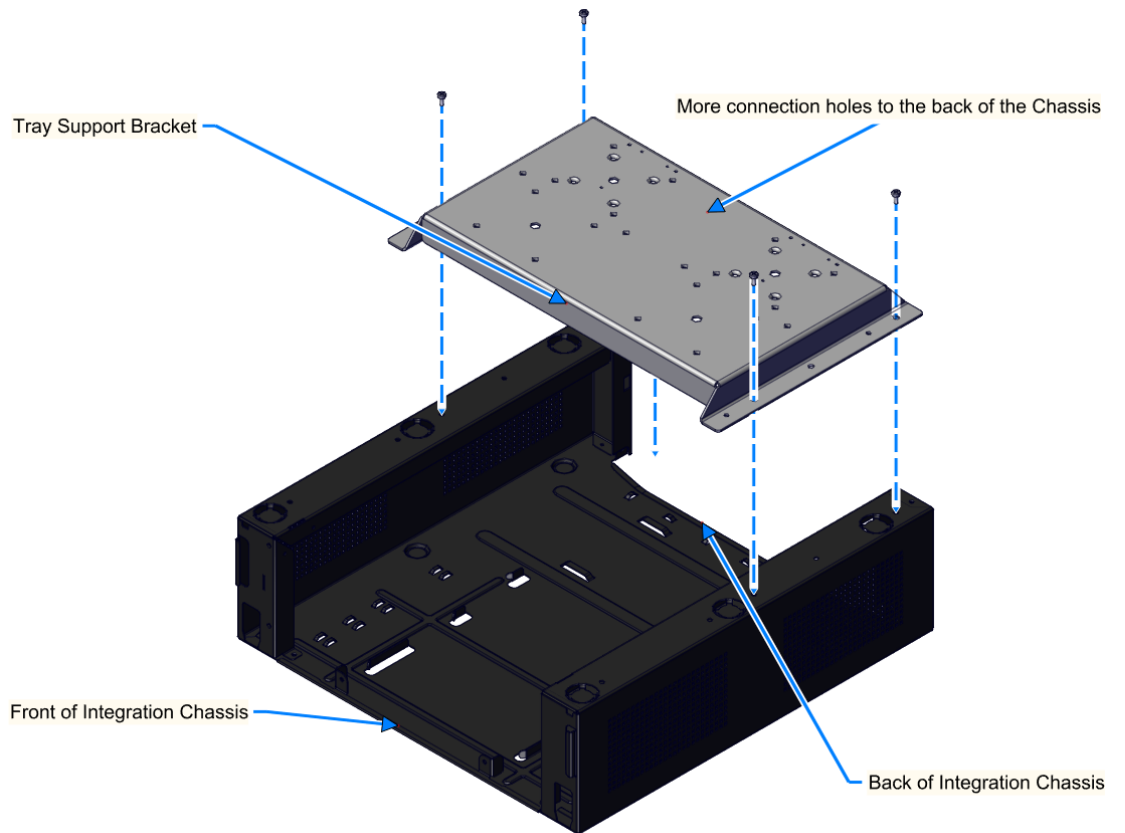
- b. If being secured in place, follow the correct steps for the final installation location.



**Note:** Orient the tray so the garage opening is at the front and cable management door opening is at the back.



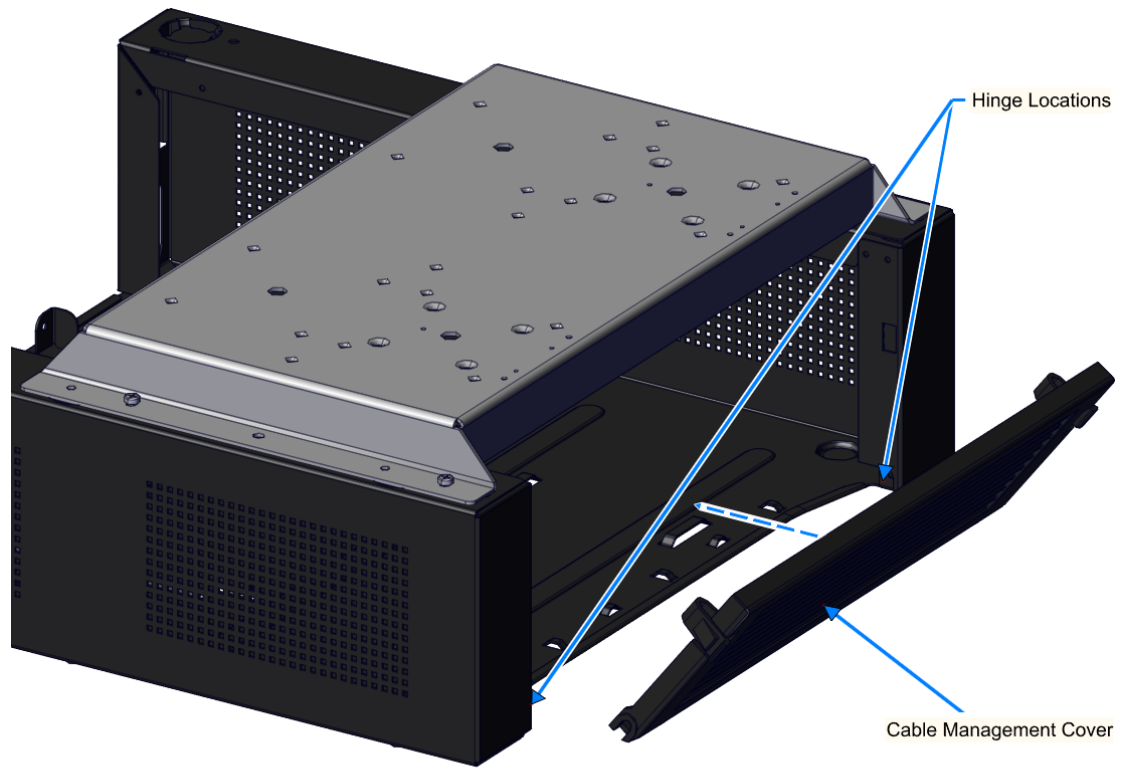
3. Place the Tray Support Bracket onto the Integration Chassis so that the side with the most Display Pole support holes is on the side of the cable management door (back).



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4. line up the four corners of the Tray Support Bracket and secure to the Integration Chassis with four #8 Phillips screws.

5. Slide the Cable Management cover onto the hinges in the back of the Integration Chassis and rotate up until the clasps engage.

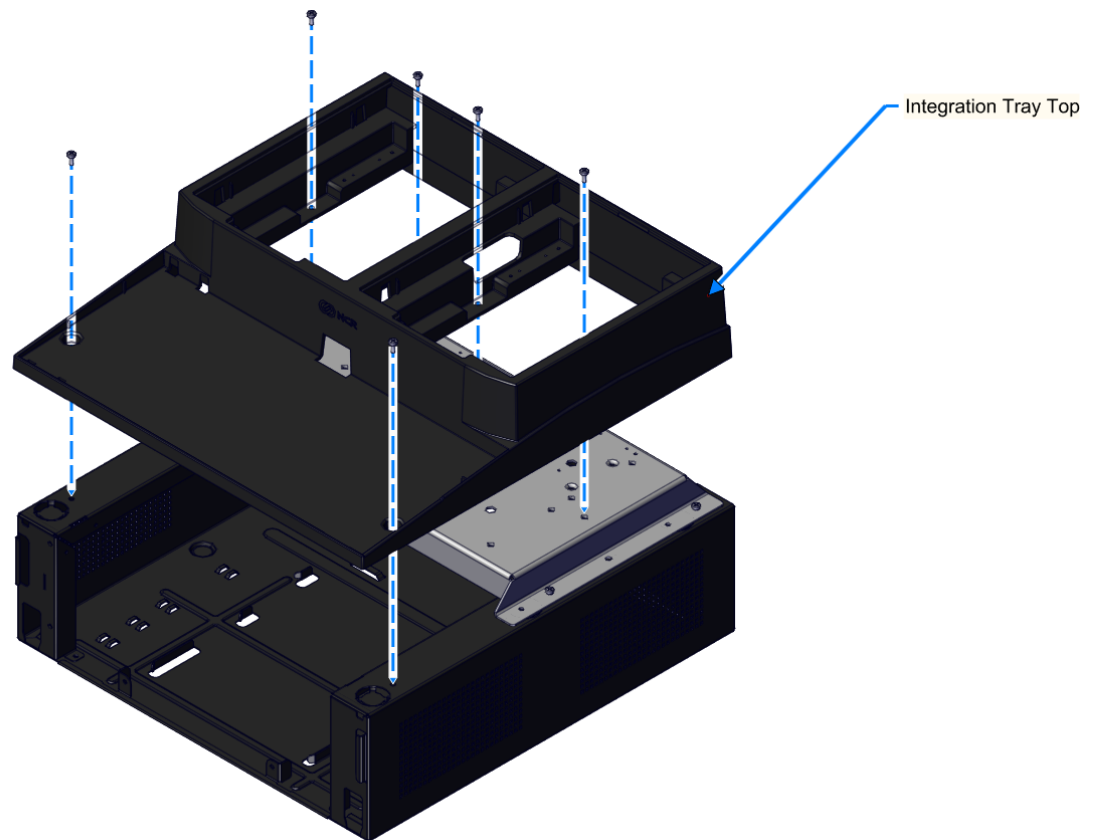




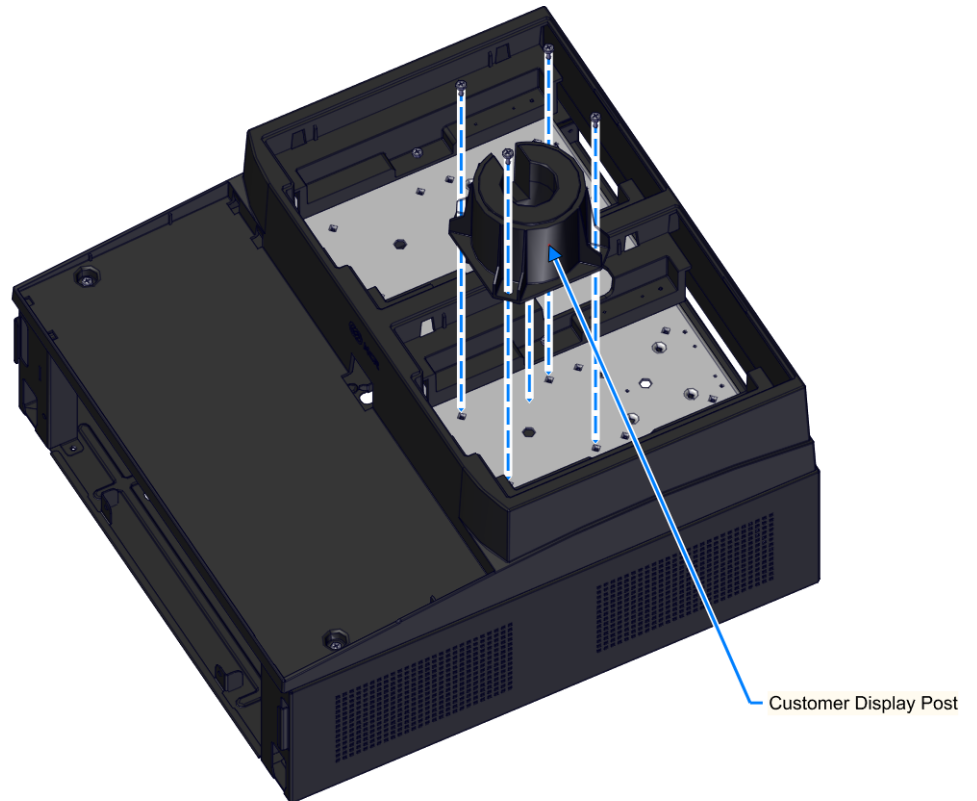
6. Place the Integration Tray Top onto the Integration Chassis at the front and Tray Support Bracket at the back.
7. line up the screw holes and secure the Integration Tray Top to Chassis and Support Bracket with six #8 Phillips screws.



**Note:** To insure proper alignment of the Integration Tray Top, do not fully tighten the screws until all of them are in place. This allows the Tray Top to be shifted easily so all screws can be properly seated.



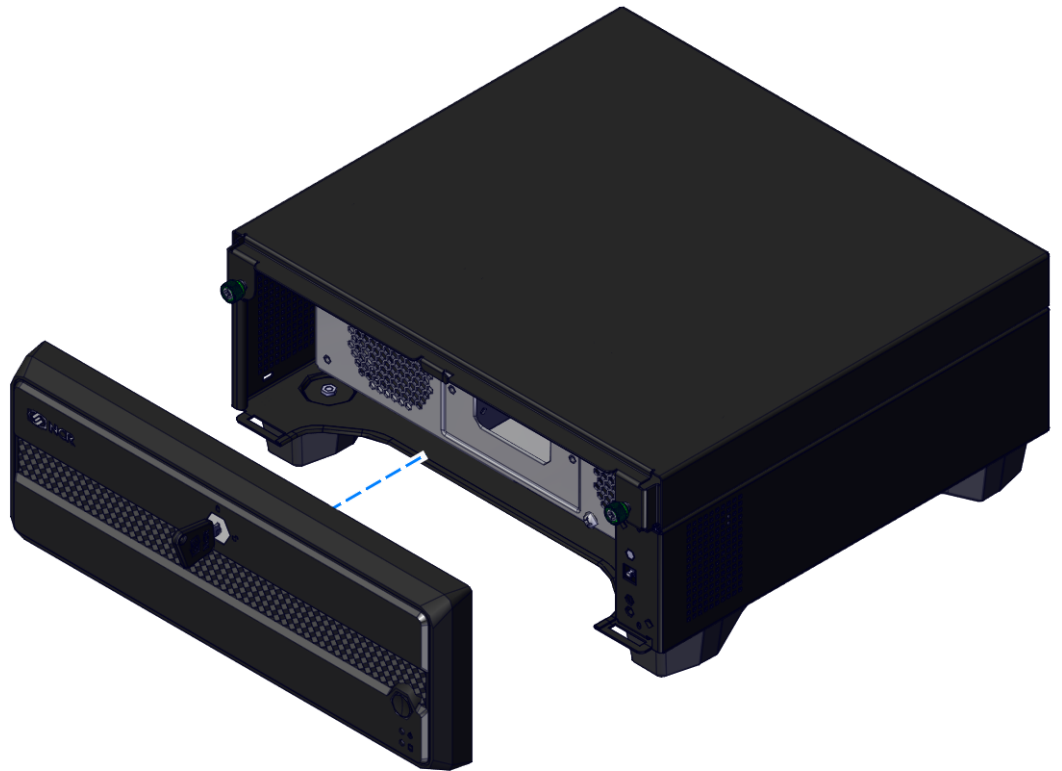
8. Install the Customer Display Post.
  - a. Place at the front of the Tray Support Bracket (the side with less Display Pole holes).
  - b. Secure with four Phillips screws.



## Preparing the XR8 Terminal

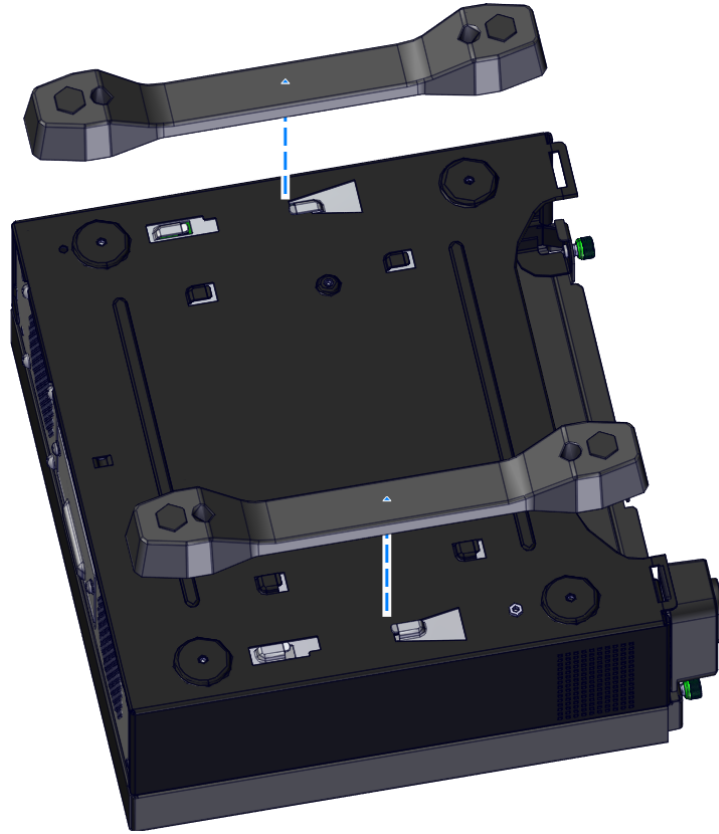
### Remove the Bezel

1. Remove the Bezel.
  - a. Turn the Keylock to the unlocked position.
  - b. Pull the Bezel away from the terminal and remove.

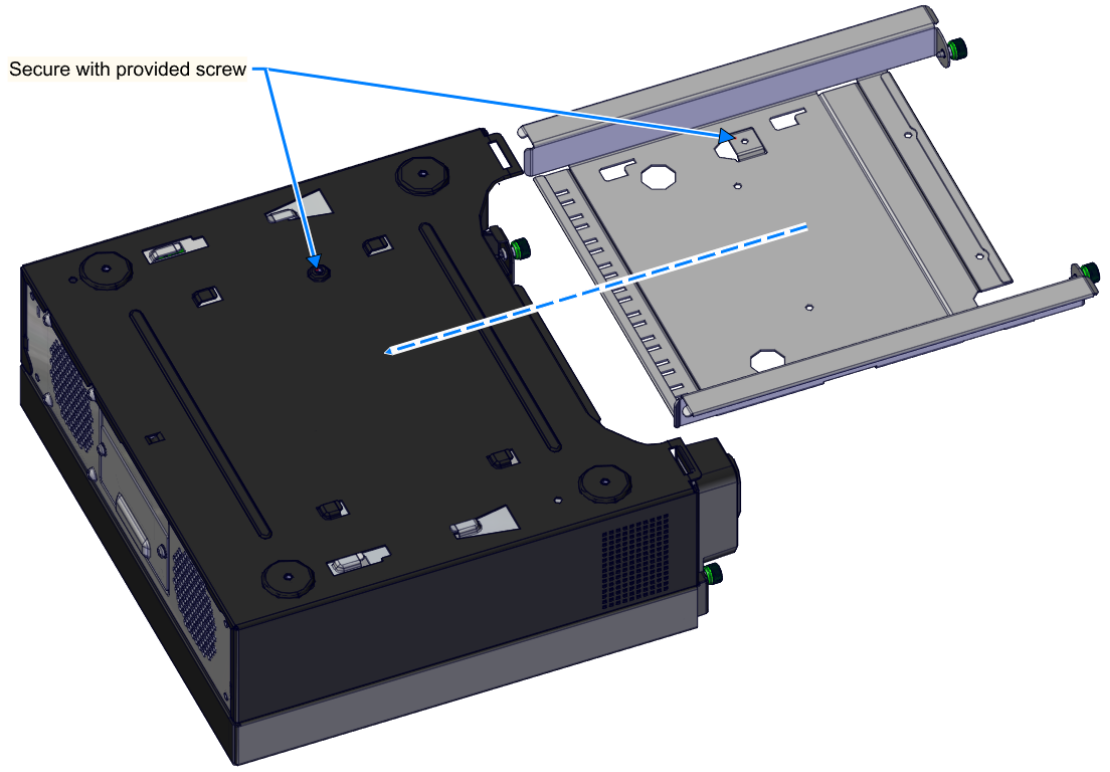


## Mount the XR8 on the Integration Tray Bracket

1. Remove the feet from the terminal if present.



- Slide the XR8 Terminal into the Integration Tray Bracket hooks and secure in place with the provided screw.



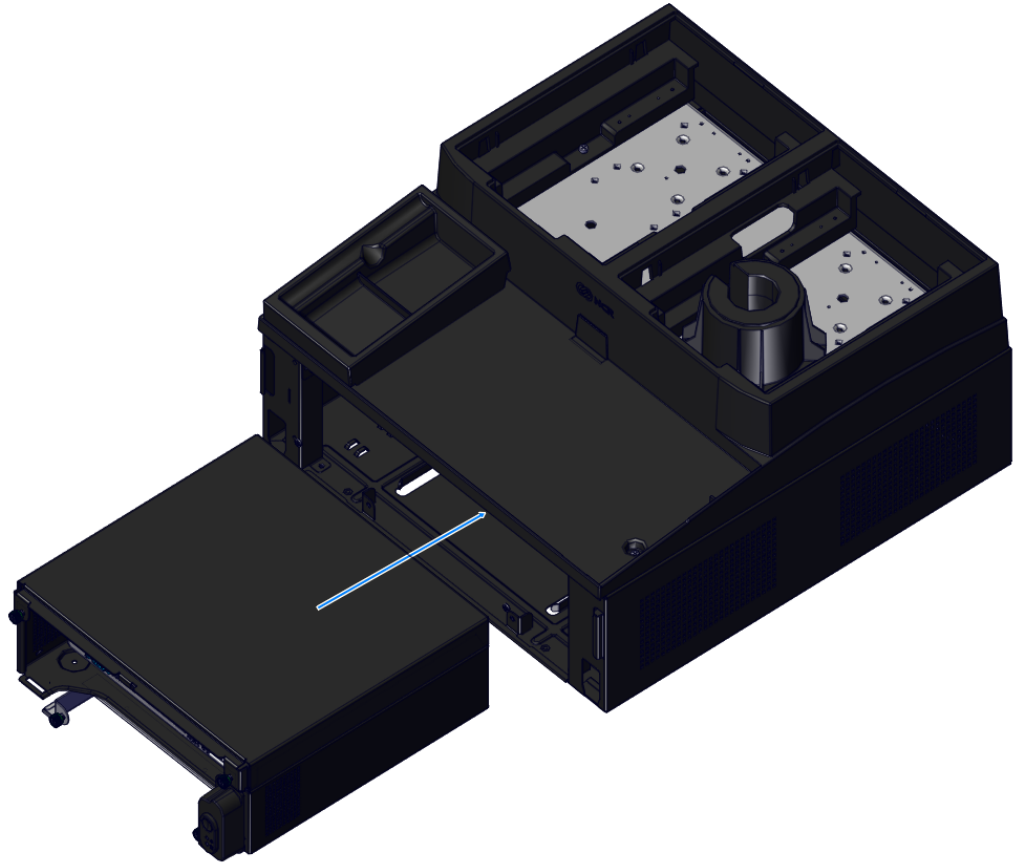
## Install the Faceplate Extension

1. Attach the Faceplate Extension onto the terminal over the power actuator and LED board with the provided screw.
  - a. Place the bottom hook of the Faceplate Extension into the terminal's Bezel Plate slot.
  - b. Rotate up and attach with a #6 Phillips screw in the upper left corner of the Faceplate Extension and terminal.



## Insert the XR8 Terminal into the Integration Tray

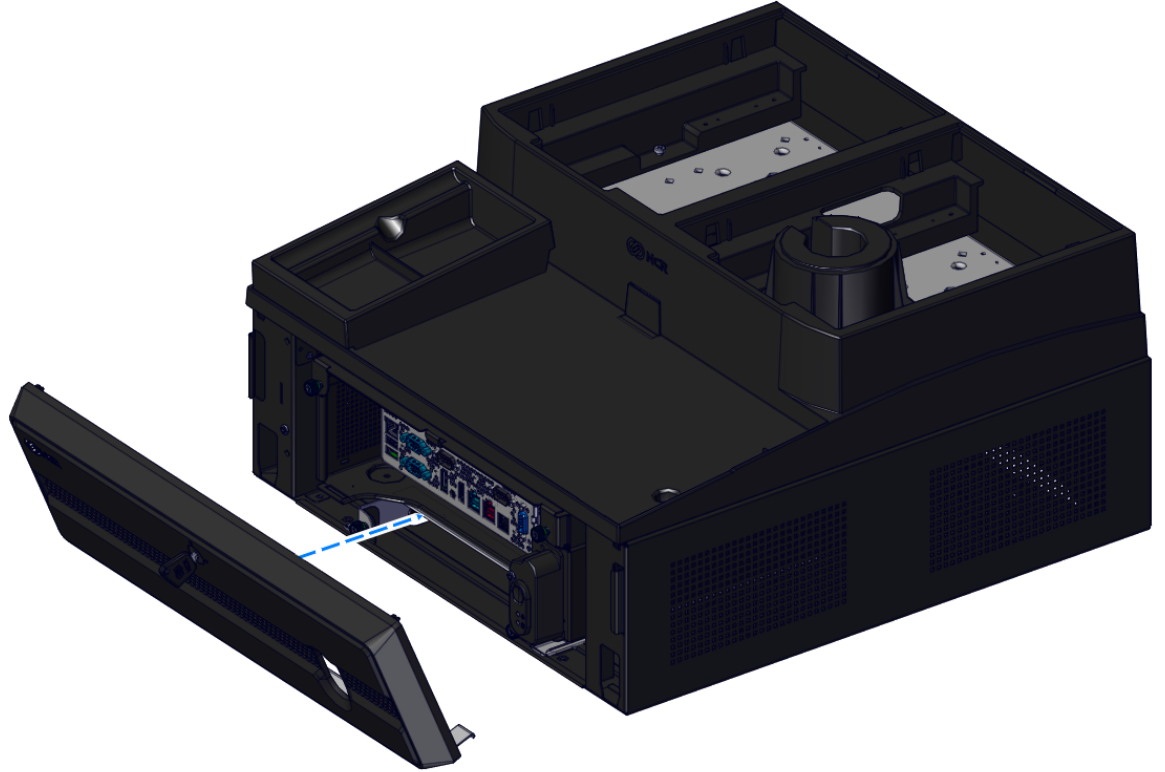
slide the terminal into the integration tray garage and secure with the two thumb screws attached to the Integration Tray Bracket.



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## Install the Integration Tray Bezel

place the bezel plate hooks into the Integration Tray's slots at an angle and rotate into place. Place the Bezel key into the locked position.





## Install the peripherals into the Integration Tray

Lower the Cable Management door on the back of the Integration Tray to route and plug in the correct cables into the XR8 Terminal.

### Keyboard

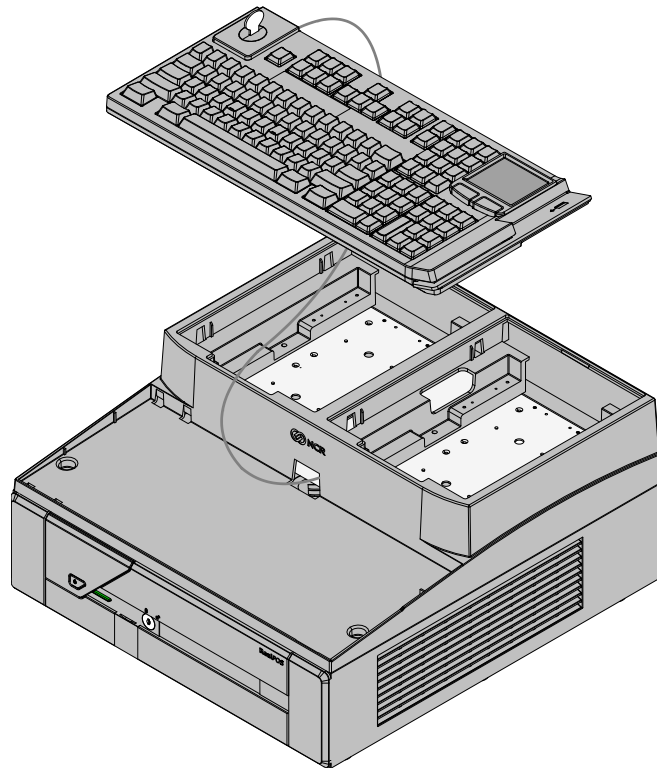
#### *Installing the Keyboard*



**Note:** If a keyboard is not used insert the Integration Tray Plug into the opening where the keyboard cable would normally be routed.

Keyboard installation varies, depending on which keyboard you are using. See the following options.

- NCR 5932-5xxx USB Alphanumeric Big Ticket Keyboard
  - a. Install the keyboard in the Integration Tray.
  - b. Route the cable as shown.



- NCR 5932-22xx 64-Key Programmable POS Keyboard

- NCR 5932-6xxx Compact Alpha-Numeric Keyboard
  - a. Install the keyboard in the Integration Tray.
  - b. Route the cable as shown.
  - c. Install the Keyboard Tray Insert, if applicable.



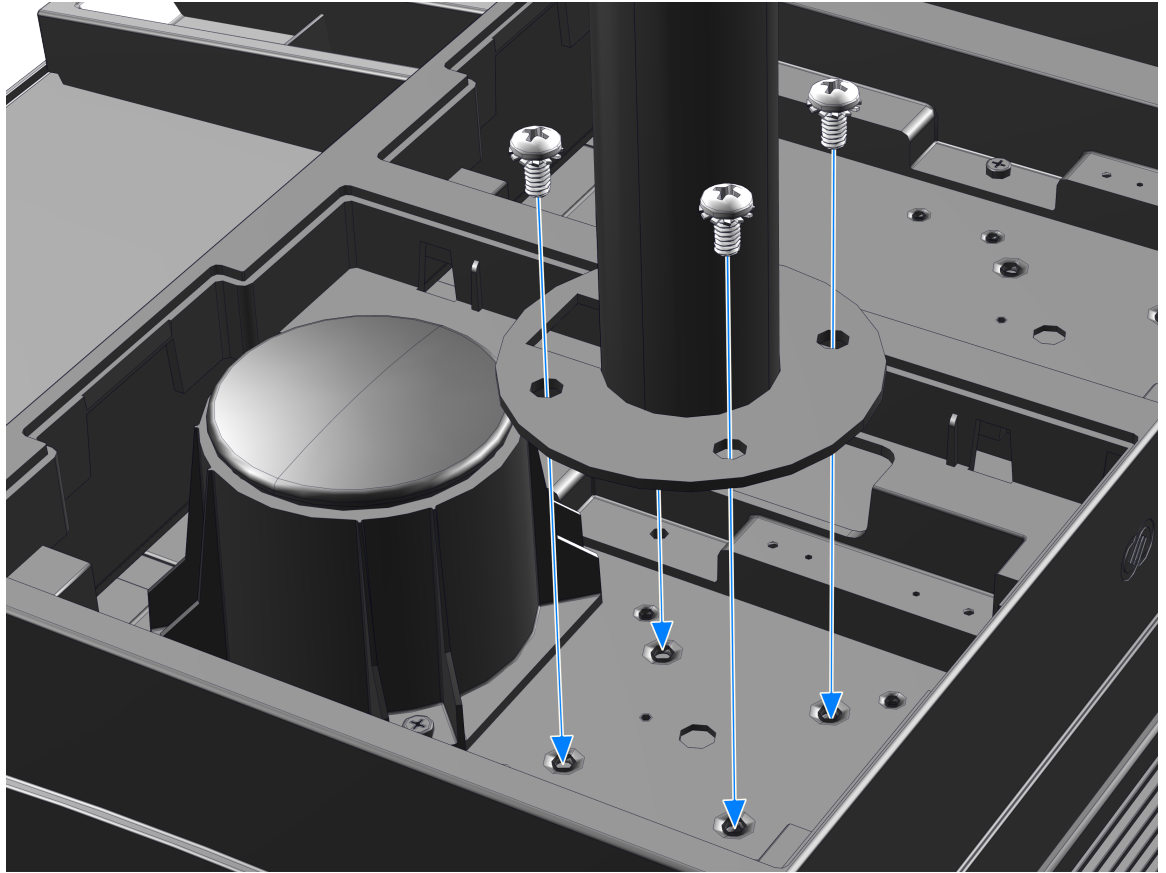
**Note:** There are two Keyboard Tray Inserts in the kit. The narrow tray is used in all cases except when using the 5932-65xx PS/2 model without an MSR.

## Display

### *Third Party Integration Arm Attachment*

The SpacePole display mount to an integrated POS tray for a display head.





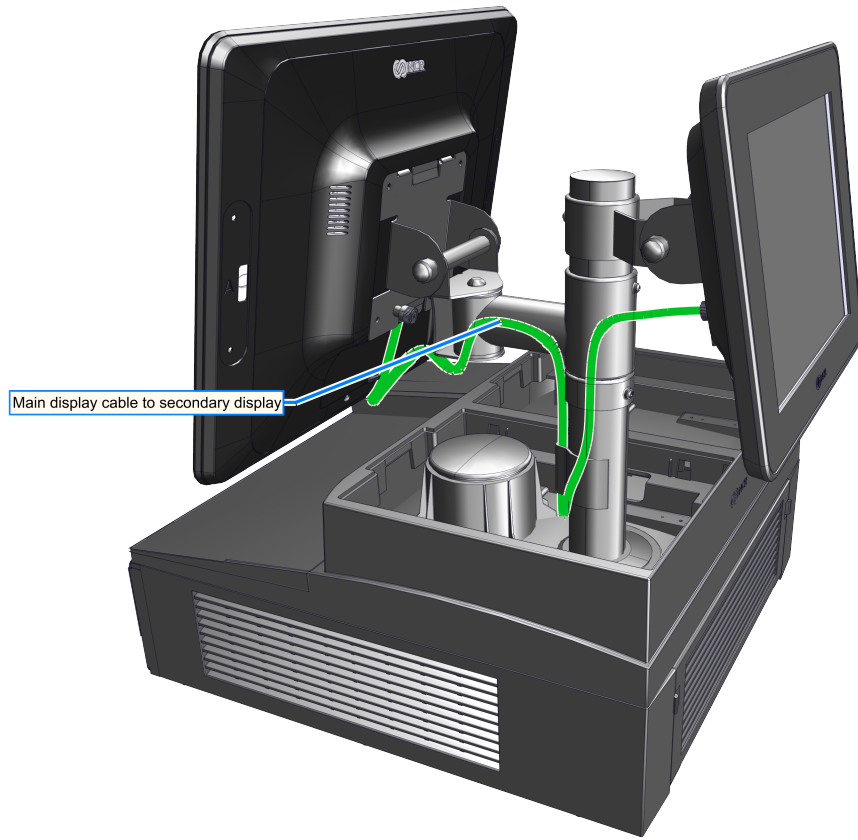
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1. The SpacePole arm is attached to the integration tray by four 1/4-20 x 0.5 inch steel pan head screws included in the kit. Attach to the integration tray as shown above.



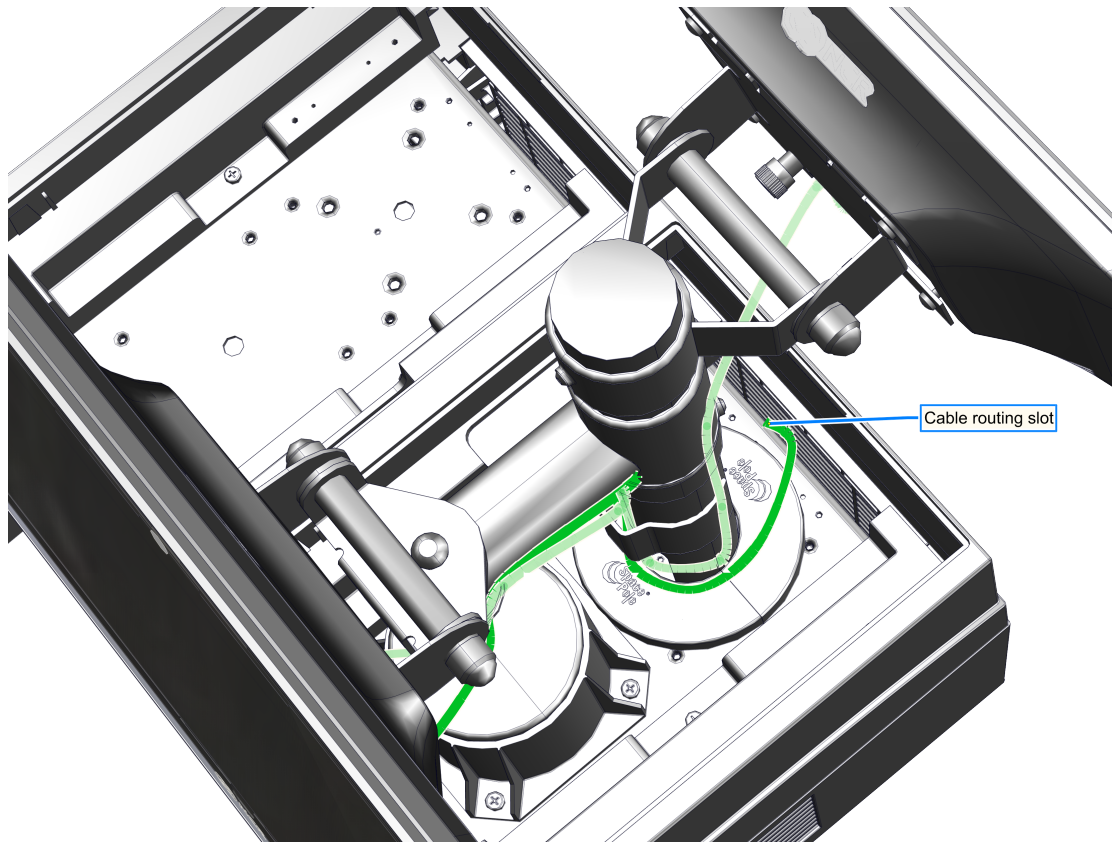
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2. Attach the head to the SpacePole arm by sliding the bracket hooks into the head slots. Secure the head to the bracket with the two thumb screws at the bottom of the bracket. Repeat this step with the secondary facing display.



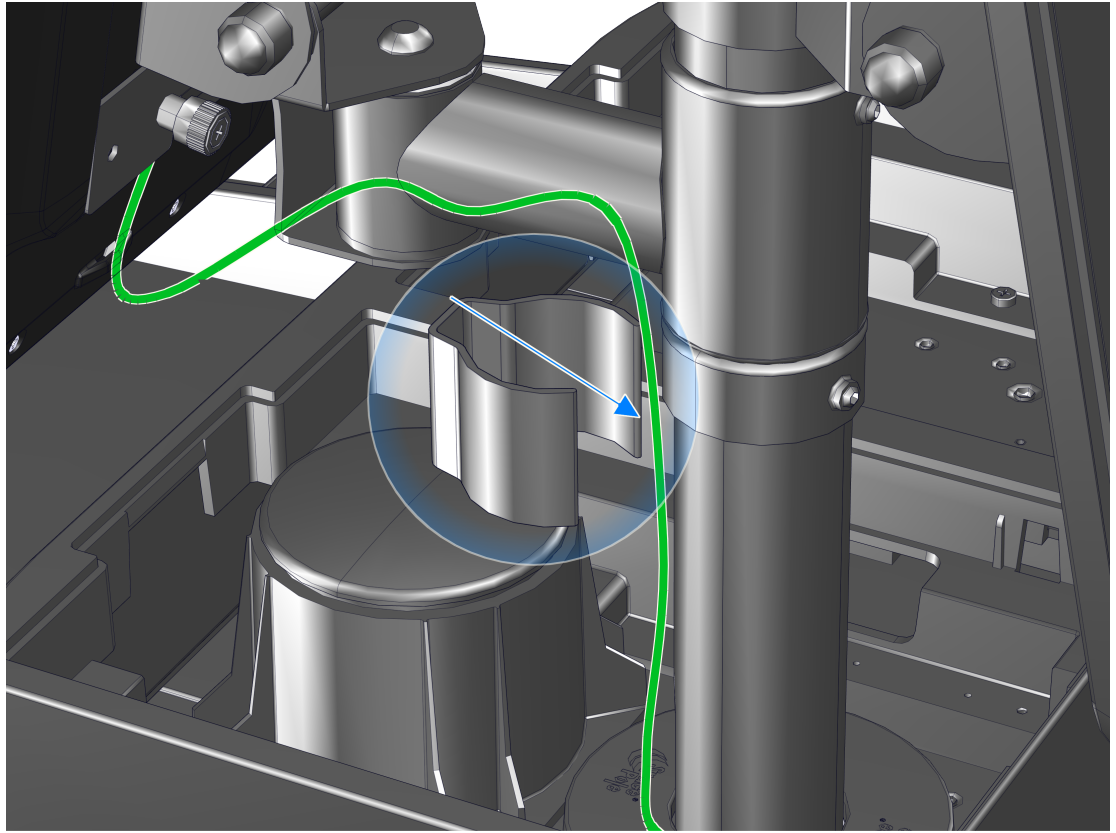
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3. Route the corresponding cables from the main display to the secondary display.



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4. Route the rest of the cables down the SpacePole and into the integration tray. Route the cables into the routing slot to the terminal if applicable or to the respective integrated peripheral.



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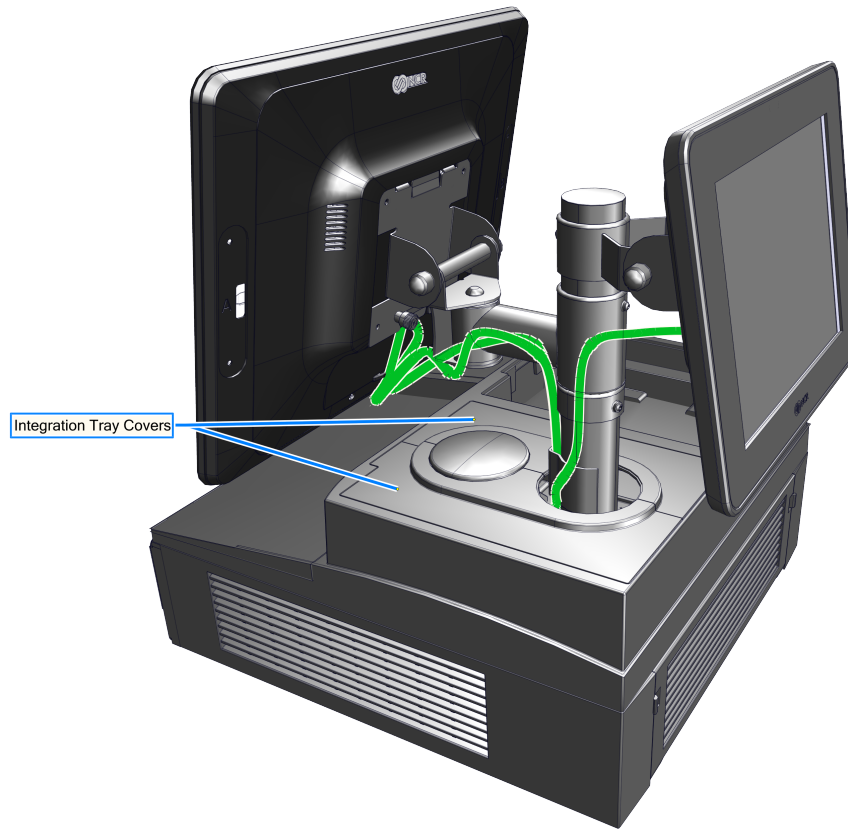
5. Use the included C clip to attach the cables and wires to the SpacePole.



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6. A LED customer display can be attached to the SpacePole by two M4 x 8mm steel pan head screws and the customer display bracket.
7. Route the customer display cables to the correct connections.





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8. Add the integration tray covers after routing the proper cables into the integration tray.

## Printer

### ***Installing the Transaction Printer***

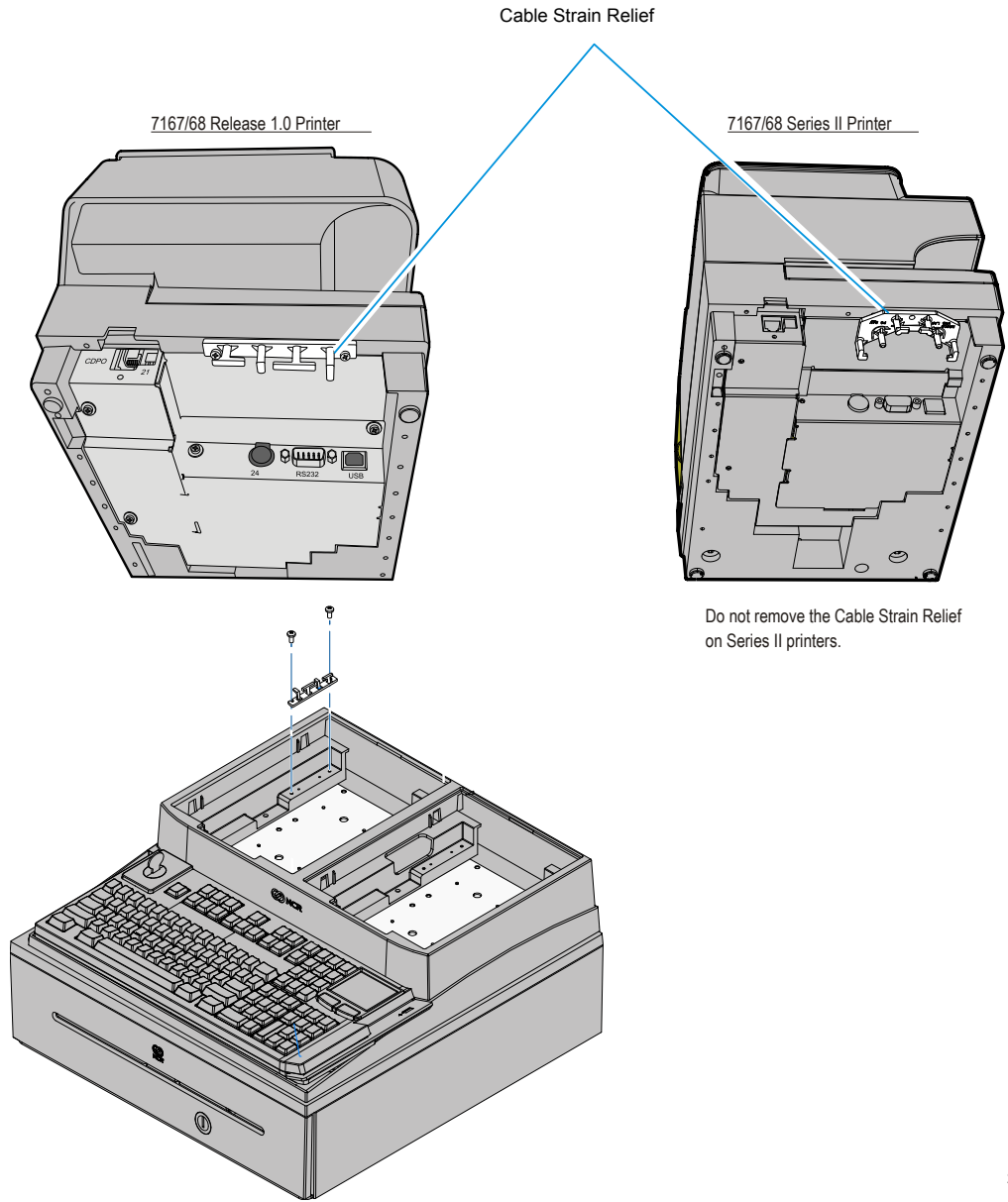
The NCR 7167, 7168, 7197, or 7198 printer can be located on either side of the Integration Tray.



**Note:** The Printer Cable Strain Relief is different on the Release 1.0 and the Series II printers. The Cable Strain Relief on Release 1.0 printers prevents the printer from sitting properly in the Integration Tray and must be removed from the printer and installed in the Integration Tray.

#### ***NCR 7167/7168 Release 1.0 Printers Only:***

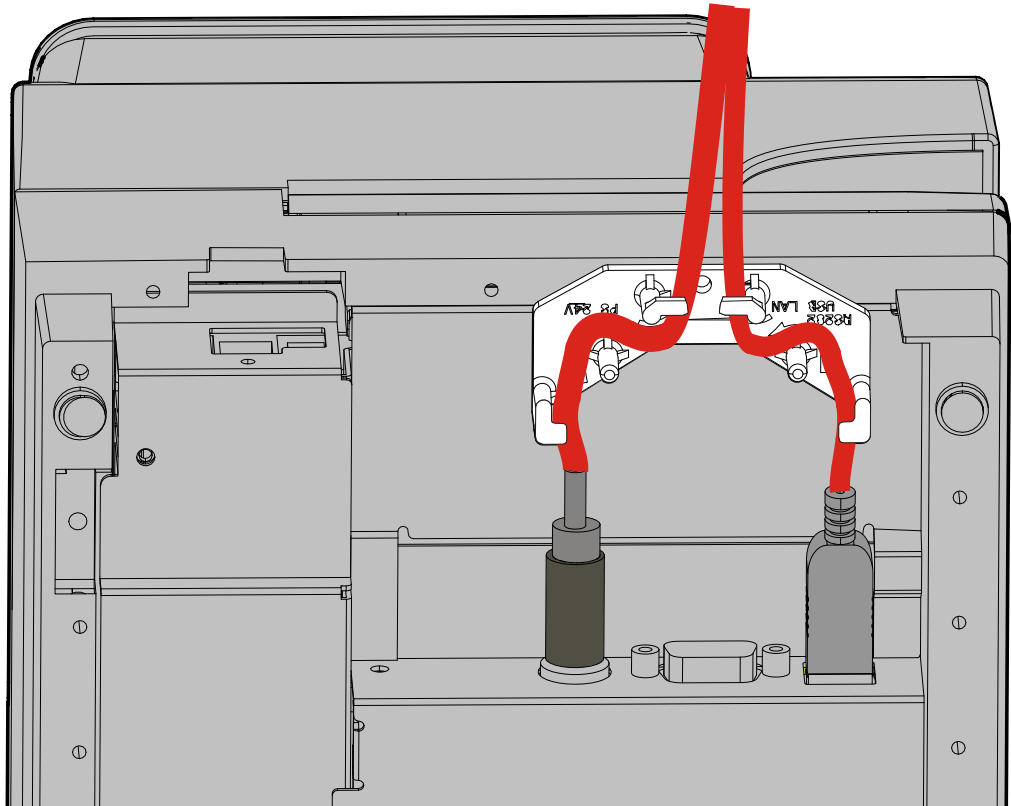
1. Remove the Cable Strain Relief from the back of the printer (2 screws). The printer will not sit properly in the tray with it installed.
2. Install the Cable Strain Relief on the Integration Tray using the same screws.



Do not remove the Cable Strain Relief on Series II printers.

3. Connect the Printer Cable to the USB and Power connectors.

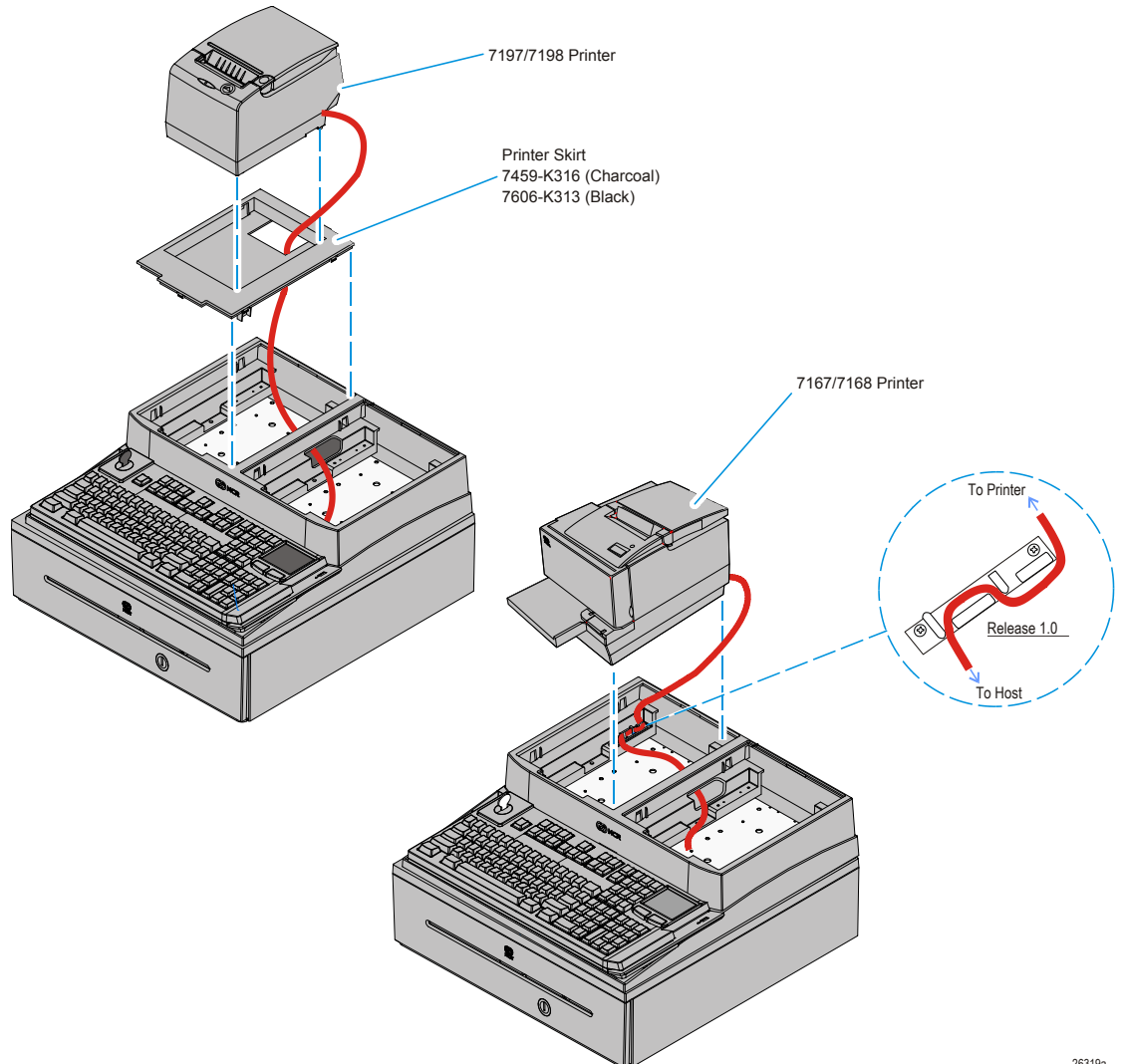
4. **Series II Printers Only:** Route the cable through the Cable Strain Relief on the printer as shown.



- Route the printer cable out the back of the terminal and set the printer in the tray opening.

**NCR 7197/7198 Only:** First install the 7459-K316 Printer Skirt, route the cable out the back of the terminal, and then set the printer in the cabinet.

**NCR 7167/7168 Only:** Route the cable through the Cable Strain Relief and then set the printer in the cabinet.



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### ***Printer Cable Connections***

The printers can connect through a USB connector or an RS-232 connector. It receives power through a Powered USB power cable.

#### **USB Installation**

Connect the Powered USB Printer Interface Cable to the USB Connector and Power Connector on the printer and to the 24 V Powered USB Connector on the terminal.

**RS-232 Installation w/Power from Powered USB**

1. Connect the RS-232 Printer Interface Cable to the RS-232 Connector on the printer and to an RS-232 Connector on the terminal.
2. Connect the Printer Power Cable to the Power Connector on the printer and to the 24 V Powered USB Connector on the terminal.

**Installing a Cash Drawer**

The Cash Drawer can be installed remotely or integrated with the terminal. It can be connected to the Cash Drawer connector on the terminal or to the transaction printer Cash Drawer Kickout.



**Note:** The NCR 2181 Cash Drawer, with its smaller footprint, is required for the integrated configuration.

**Cash Drawer Cable Connections**

The Cash Drawer can be connected to the Cash Drawer connector or to the transaction printer.

**Second Cash Drawer Cable Connection**

The terminal supports a 2-drawer configuration with a Y-cable (1416-C372-0006). Connect the Y-cable to the terminal or transaction printer cash drawer connector.