Kit Instructions

KC5 120GB Storage Kit

1925-K003

Issue Number: B

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Revision Record

Issue	Date	Remarks
A	Feb 2022	First issue.
B	Mar 2023	Converted to Guild template

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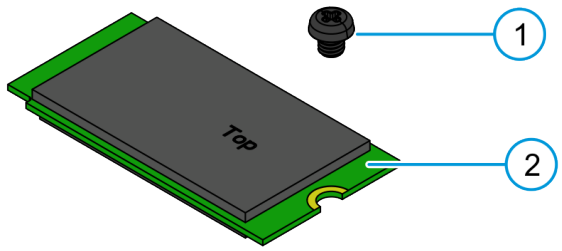
KC5 120GB Storage Kit

This publication provides procedures for installing the Storage Module kit to NCR Kitchen Controller 5 (1925).

Kit Contents



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Part Number		Description
497-0531030		KC5 120GB Storage Kit
1	006-8627556	Screw - M3x4mm Phillips, Low Profile, Black
2	006-8627921	120GB SATA M.2 2242 BiCs4
3*	497-9999638	Static Bag, 4" x 5", Self seal, Bubble
4*	497-9999670	Carton - 555 Series Corrugated with Convoluted Foam 6x6x2
5*	497-9999639	Static/ESD Warning Label, 1 3/4” x 2 1/2”
6*	006-8623359	Bag, 2x2 Zip Lock

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

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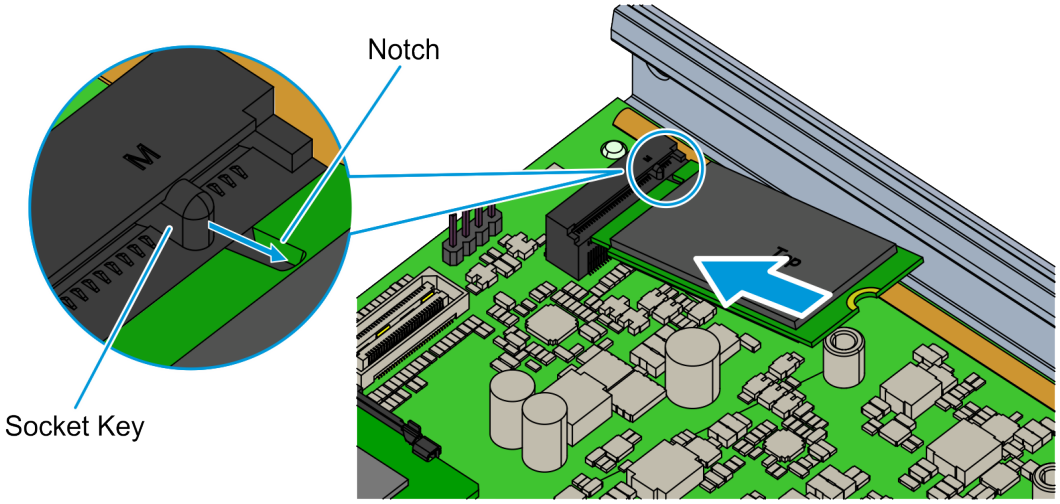
Installation Procedure

To install the Storage Module kit, follow these steps:

1. Open the chassis. For more information, refer to Opening the Chassis on page 6.
2. Insert the Storage Module at an angle into its socket, aligning the notch on the Storage Module with the socket key.

> **Caution**
> Do not touch the gold connectors or circuit components on the Storage Module.



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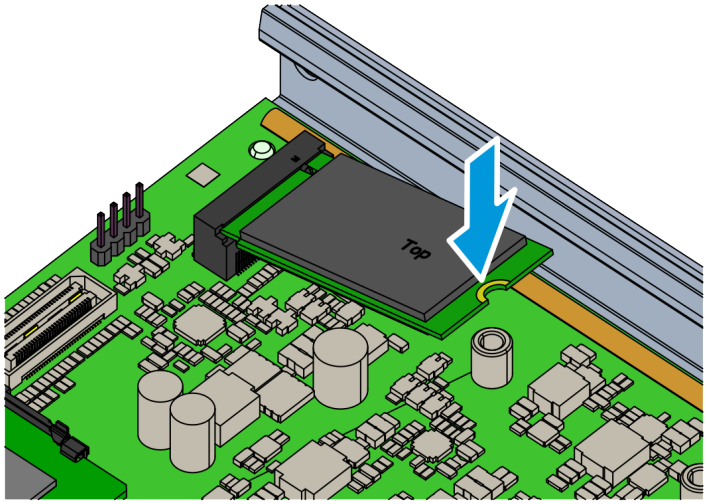
3. Push down the outer edge of the Storage Module into place.



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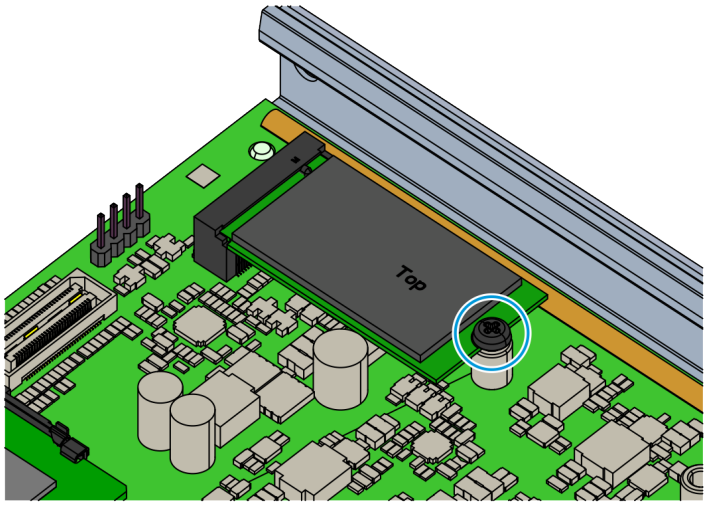
4. Install the screw to secure the Storage Module to the Motherboard.



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5. Close the chassis. For more information, refer to Closing the Chassis on page 9.

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Imaging a New SSD

Factory default HDD/SSD images for the NCR KC5 are distributed on bootable auto-imaging USB Flash Drive media.

> **Warning**
> Performing the following procedure will replace any previously stored OS images created using the *Disk Image Backup and Recovery Tool*.

> **Note**
> A USB Keyboard is required to perform this operation.

To apply or restore an image on the controller, follow these steps:

1. Connect the USB flash drive to the controller.
2. Connect a USB keyboard to the controller.
3. Turn on the controller and boot from the USB Flash Drive using the any of the following options:
    - During the boot process, press **F8** and select the USB option.
    - Enter the BIOS setup and change the boot order.
4. The system boots in the Windows PE OS environment. Press **Y** on the keyboard at the confirmation prompt to re-image the controller.
5. When the imaging process is complete, enter **Exit** on the keyboard to reboot the system.
6. After the reboot, remove the USB Flash Drive and disconnect the keyboard.

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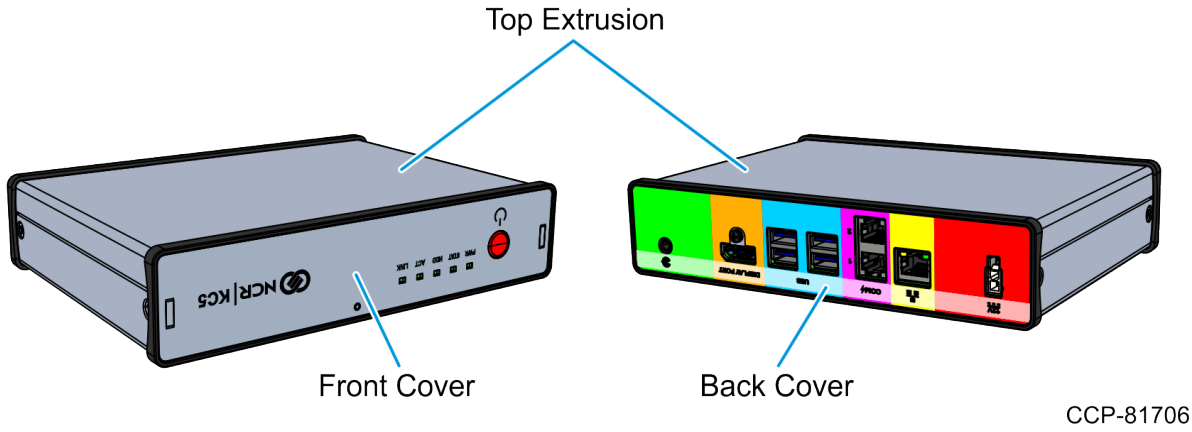
Component Access

To access or service the NCR KC5 internal components, the front cover, back cover, and top extrusion must be removed.

Note
The unit must be placed upside down.



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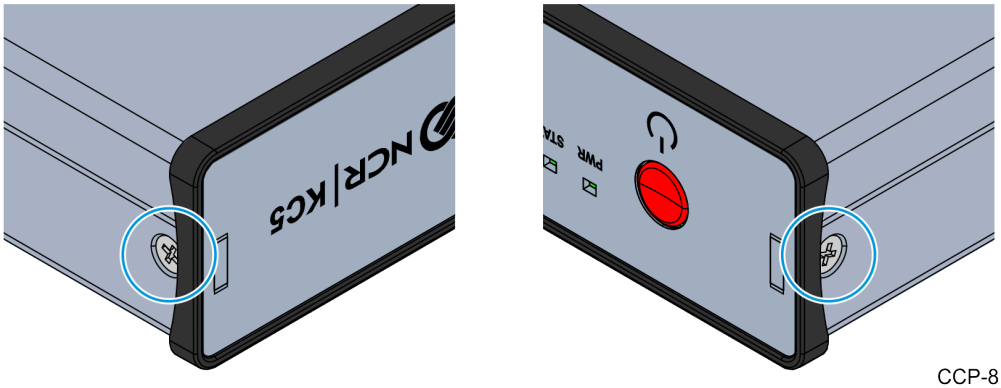
Opening the Chassis

1. Place the unit upside down on a flat and smooth surface.
2. Remove the Front Cover.
    a. Remove the two flat head screws that secure the Front Plate and the Plate Gasket to the unit.



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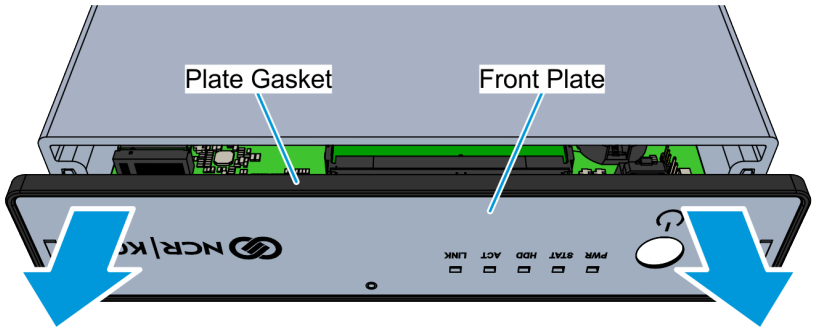
    b. Gripping the gasket, remove both the Plate Gasket and the Front Plate from the unit.



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3. Remove the Back Cover.
    a. Remove the screw that secure the Back Plate to the Display Port connector.

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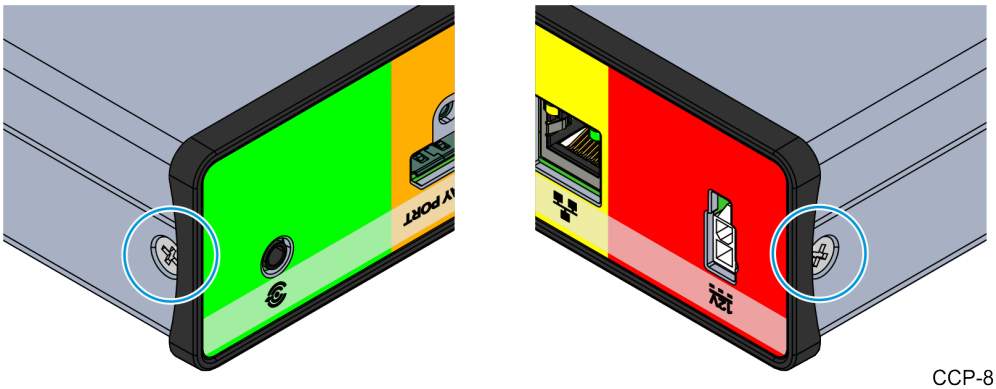
b. Remove the two flat head screws that secure the Back Plate and the Plate Gasket to the unit.



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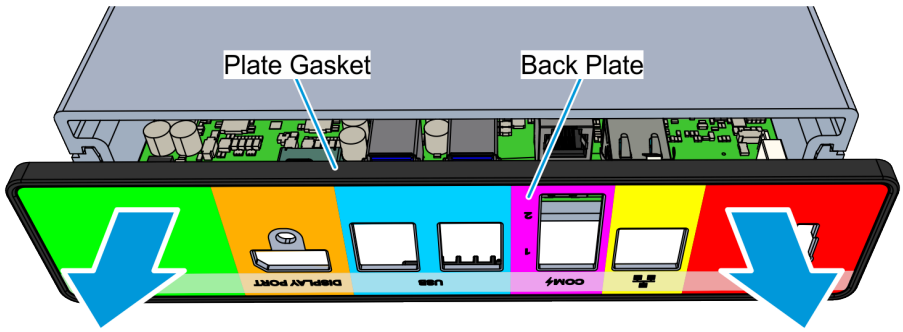
c. Gripping the gasket, remove both the Plate Gasket and the Back Plate from the unit.



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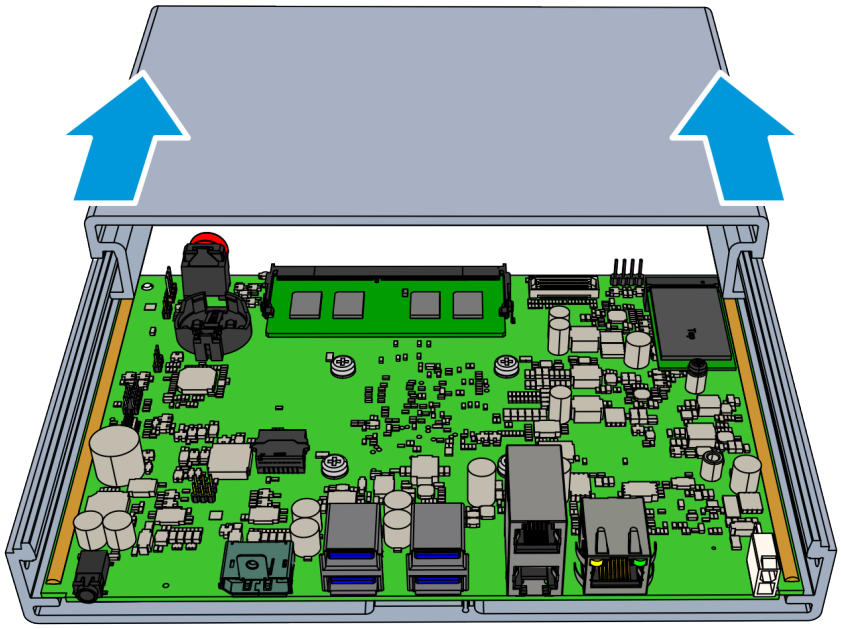
4. Slide the Top Extrusion out of the Bottom Extrusion.



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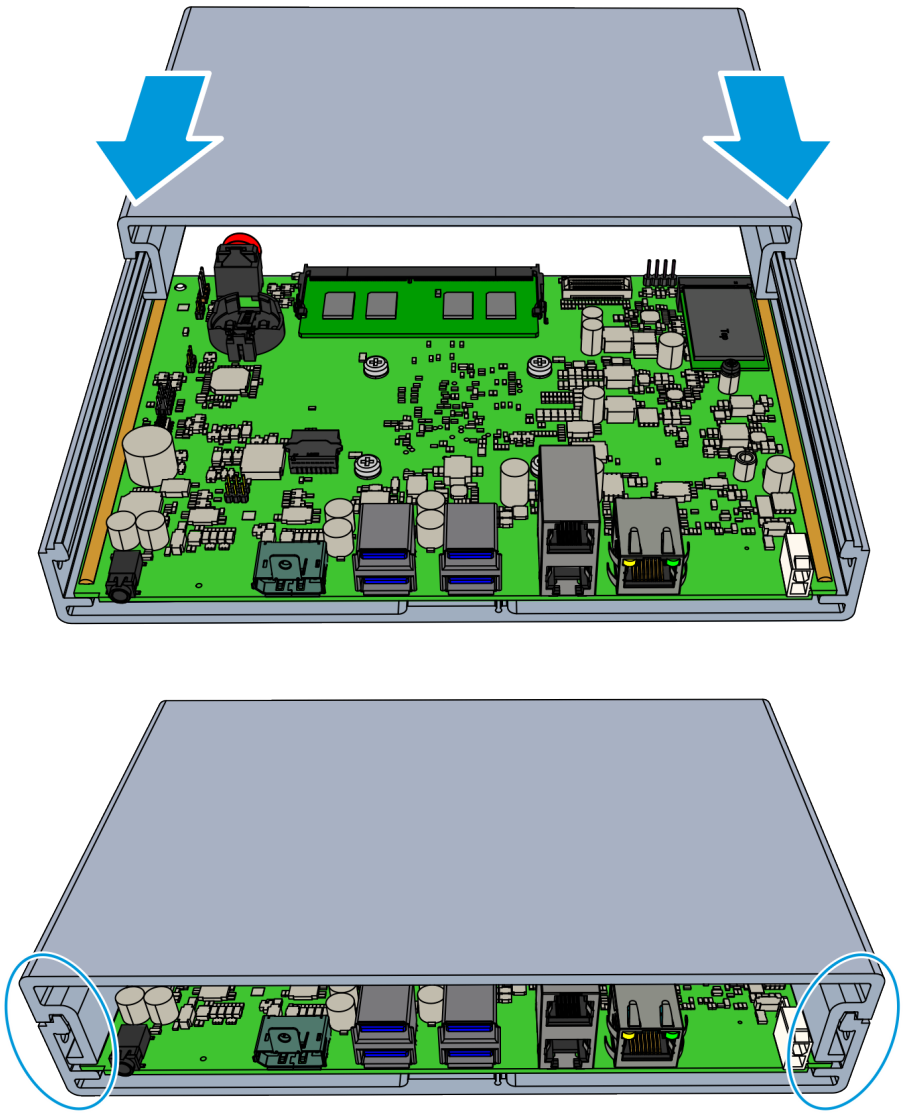
Closing the Chassis

1. Place the Top Extrusion into the grooves of the Bottom Extrusion, and slide the Top Extrusion until its ends are properly aligned with the Bottom Extrusion.



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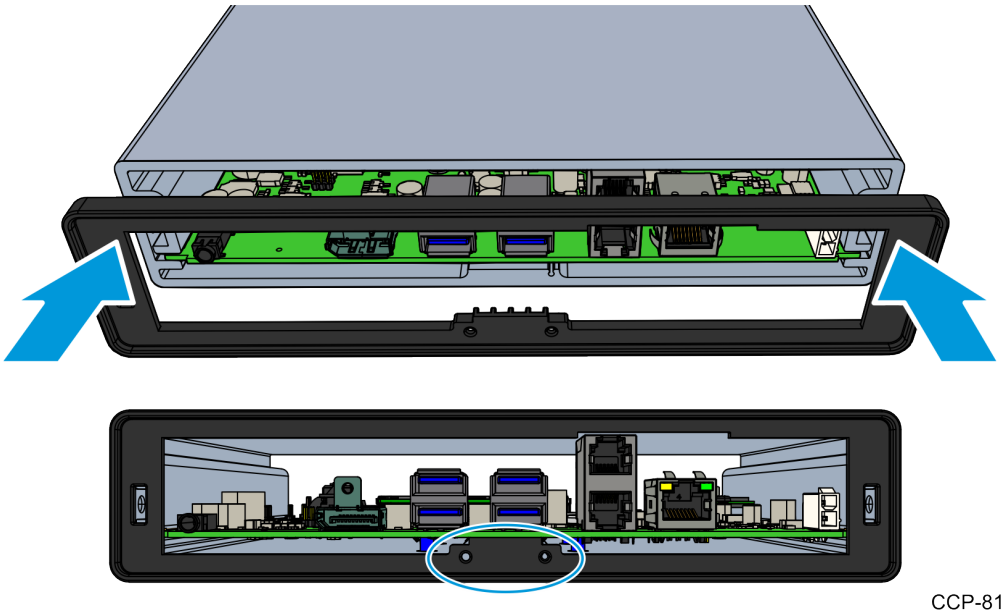
2. Install the Back Cover.
    a. Attach the Plate Gasket around the top and bottom extrusions. Position the indicated portion of the Plate Gasket between the Motherboard and the Bottom Extrusion.

> **Note**
> The rim of the Plate Gasket must evenly fit around the top and bottom extrusions.



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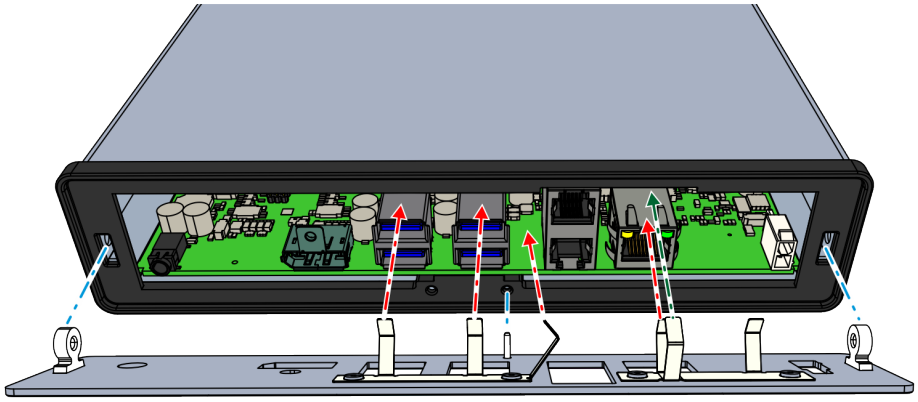
b. Insert the Back Plate into the Plate Gasket.

> **Caution**
> Ensure that the five grounding fingers do not go inside the connectors.

- Align the locating pin and two screw extrusions of the Back Plate with the locating features of the Plate Gasket.
- The grounding fingers (red arrows) should rest on the top or side of the connectors.
- The grounding finger (green arrow) should rest against the underside of the Top Extrusion. Gently push this grounding finger to assist in insertion.



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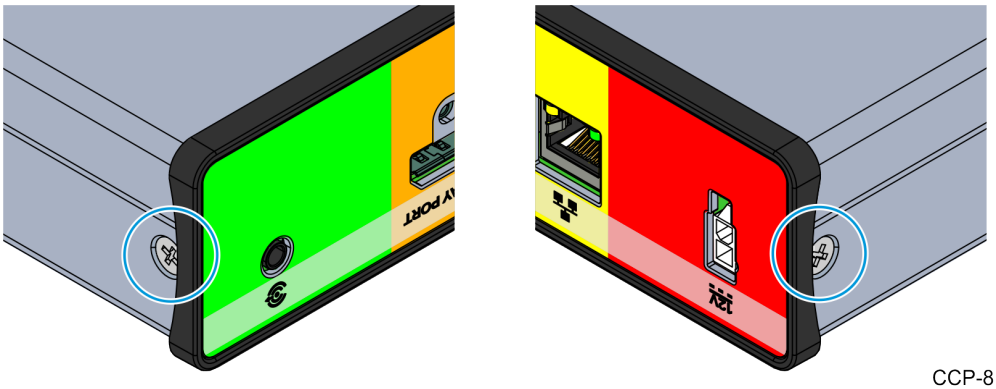
c. Install the two flat head screws to secure the Back Plate and the Plate Gasket to the unit.



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d. Install the screw to secure the Back Plate to the Display Port connector.

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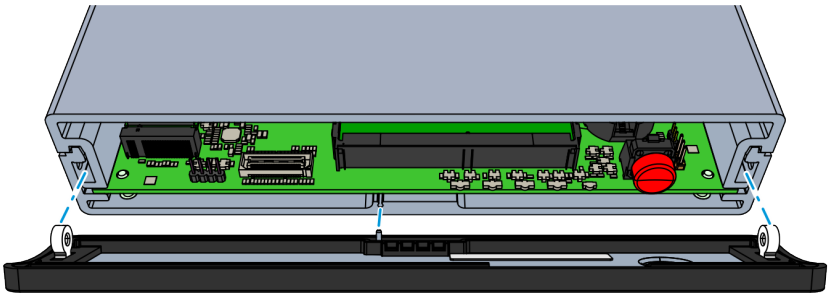
3. Install the Front Cover.
   a. Align the locating pin and two screw extrusions of the Back Plate with the locating features of the top and bottom extrusions.



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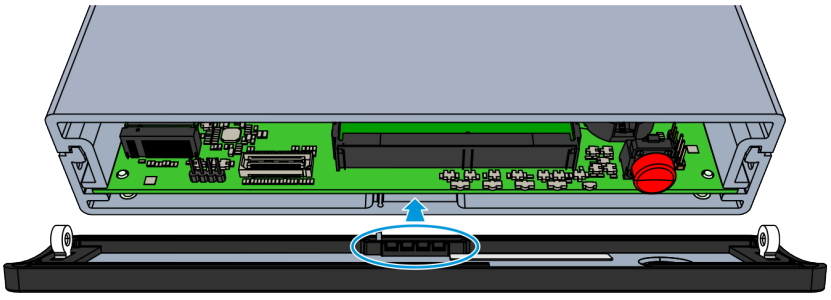
   b. Position the indicated portion of the Plate Gasket between the Motherboard and the Bottom Extrusion.

> **Note**
> The rim of the Plate Gasket must evenly fit around the top and bottom extrusions.



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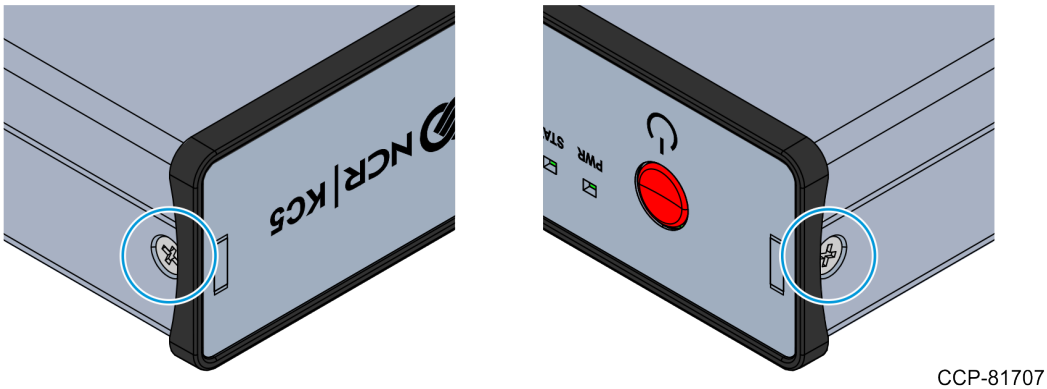
c. Install the two flat head screws to secure the Front Plate and the Plate Gasket to the unit.



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