Kiosk Full-Page Printer Pedestal

Kit Instructions

NCR

Issue D

Revision Record

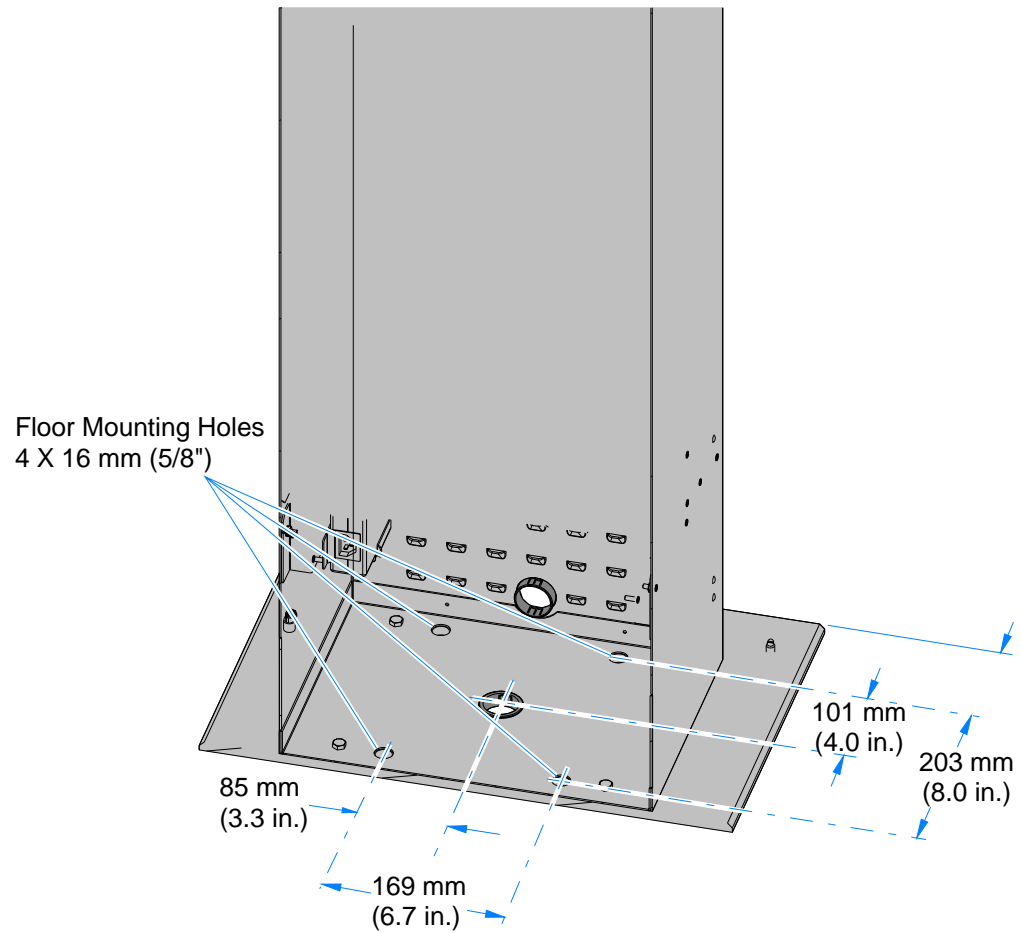| Issue	Date	Remarks
A	Nov 2009	First issue
B	Aug 2010	Added installation procedures for Filler Plate/Keyboard options
C	Mar 2011	Added 7409-K076
D	Sept 2012	Added new Imager kits

Introduction

This kit consists of the bottom portion of a floor pedestal, which houses the NCR 2ST Full–Page Printer (TEC K8) and power supply. The USB data cable is also included. This kit is used in conjunction with the Printer Pedestal Upper Cabinet Kit (7409-K060), which supports the NCR SelfServ 60 Kiosk (7409) or the NCR EasyPoint Advantage Kiosk (7404).

NCR 7404/7409 Kiosk

7409-K060 Upper Cabinet

7409-K065 Lower Cabinet w/2ST Receipt Printer

27936
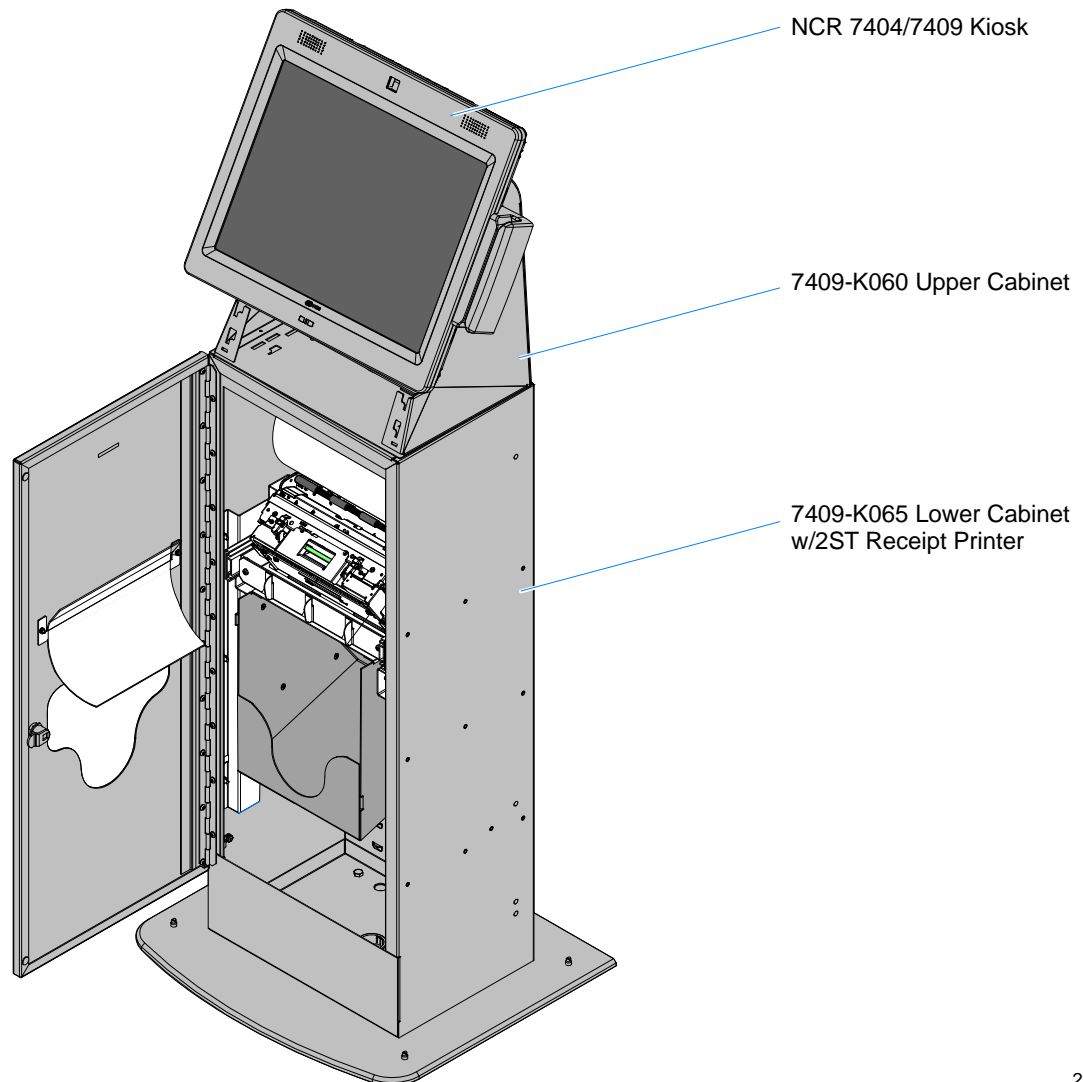
Installation Procedures

Bolting the Pedestal to a Floor

The pedestal should be bolted to a floor. Secure the base to the floor with bolts that are appropriate for the floor type. Use the 16 mm (5/8″) holes (4) located inside the pedestal.

Floor Mounting Holes
4 X 16 mm (5/8")

101 mm
(4.0 in.)

203 mm
(8.0 in.)

85 mm
(3.3 in.)

169 mm
(6.7 in.)

27745

Installing the Upper Cabinet 7409-K060)

1. Remove the Display Bracket from the Upper Cabinet (2 screws).
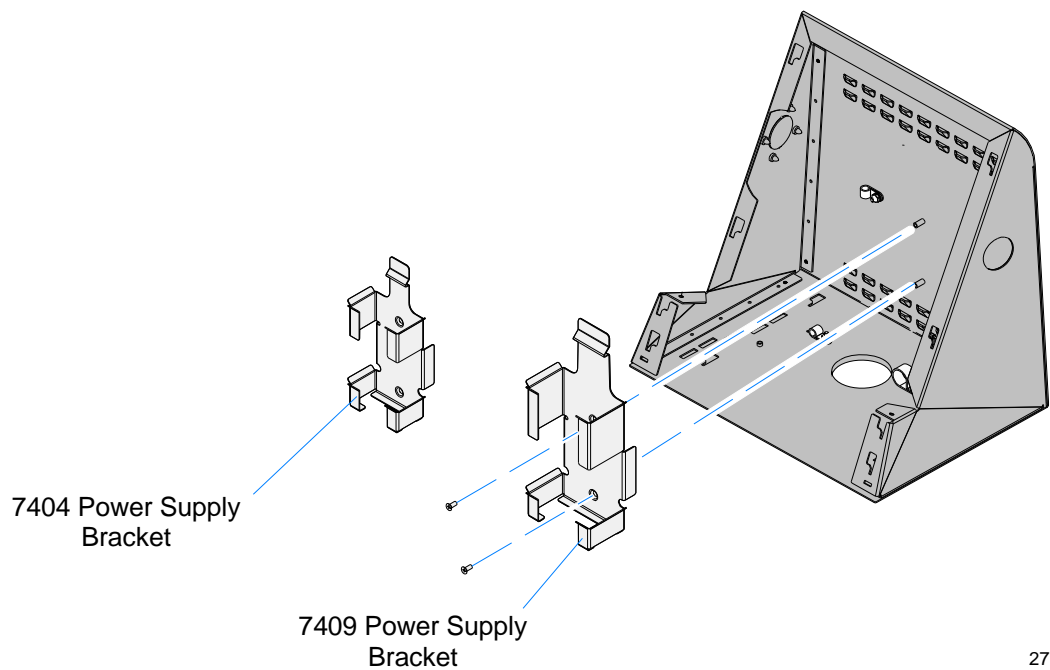
Display Bracket
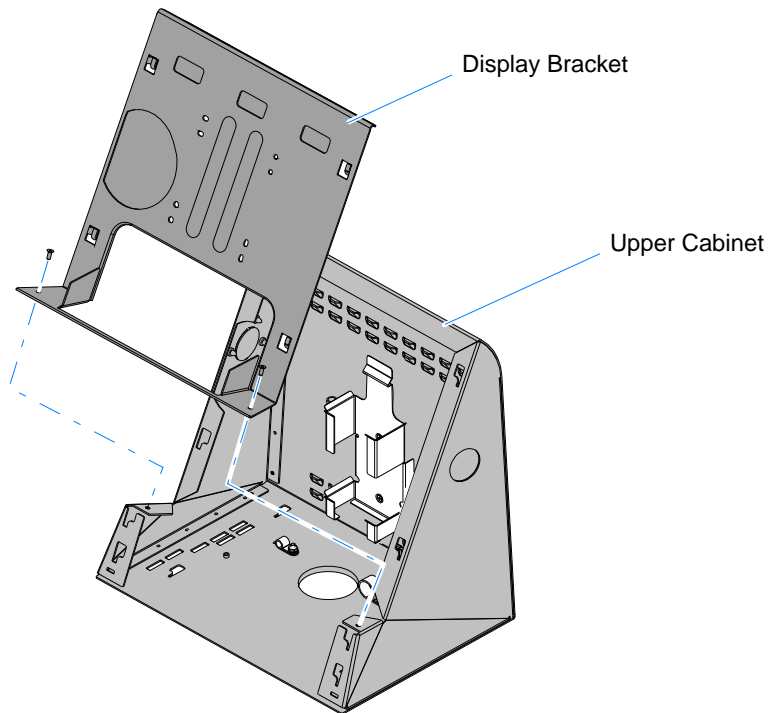
Upper Cabinet

27967

2. Install the correct Power Supply Bracket.

Note: The 7409 Power Supply Bracket is pre–installed in the Upper Cabinet. If you are installing a 7404, replace the installed bracket with the 7404 Power Supply Bracket (2 screws).

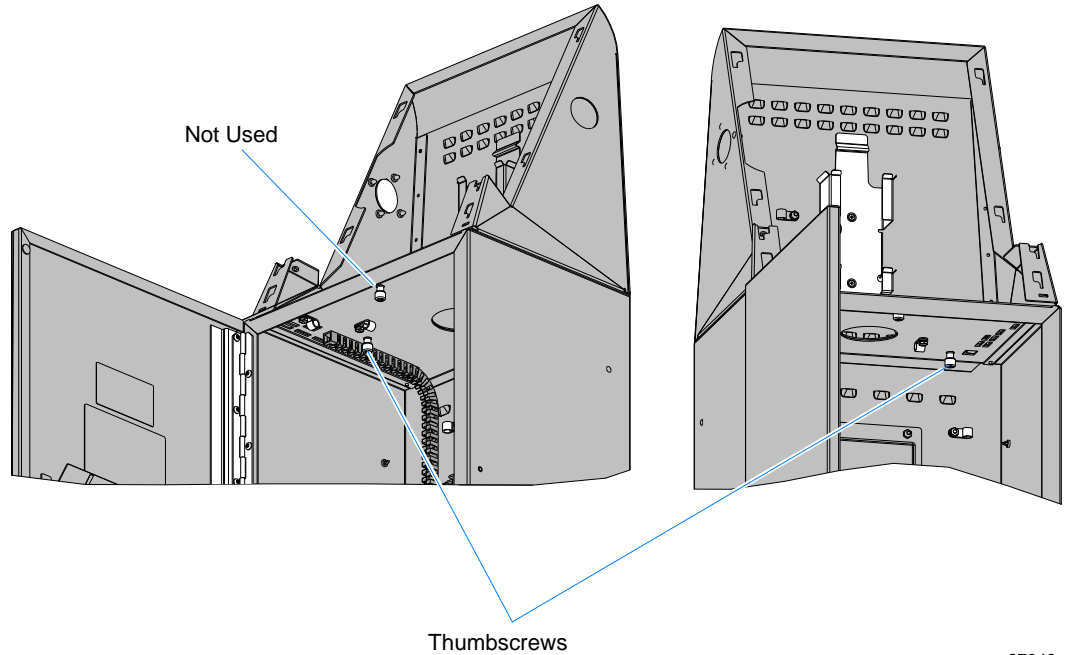7404 Power Supply
Bracket

7409 Power Supply
Bracket

27935

3. Align the slots (4) on the bottom of the Upper Cabinet with the tabs (4) on the top of the Lower Cabinet.

4. Slide the Upper Cabinet toward the rear of the unit to lock it into position.

Slots (4x)

Tabs (4x)

27942
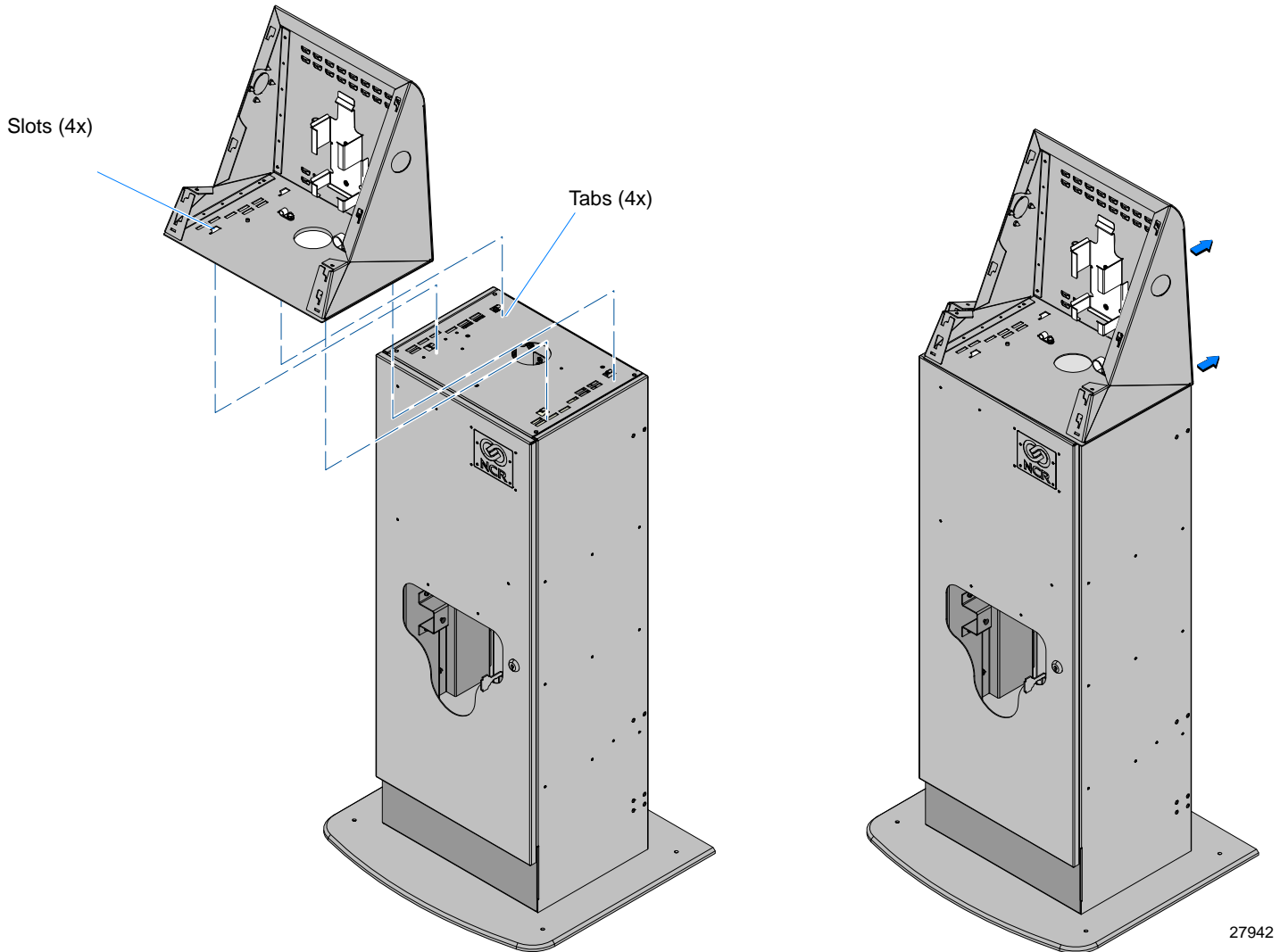
5. Secure the Upper Cabinet with the thumbscrews (2) located under the top of the Lower Cabinet.

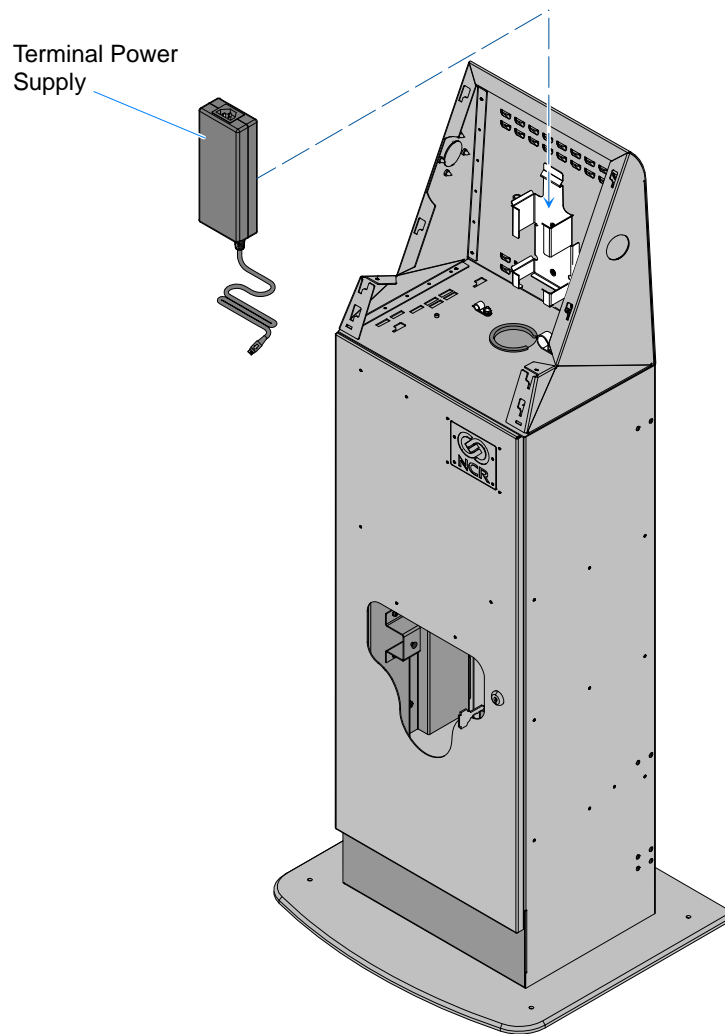   **Note:** There is a third thumbscrew in the center of the cabinet that is not used on this model.

Not Used

Thumbscrews

27940a

6.   Install the Grommet in the cable routing hole.

Grommet

27943
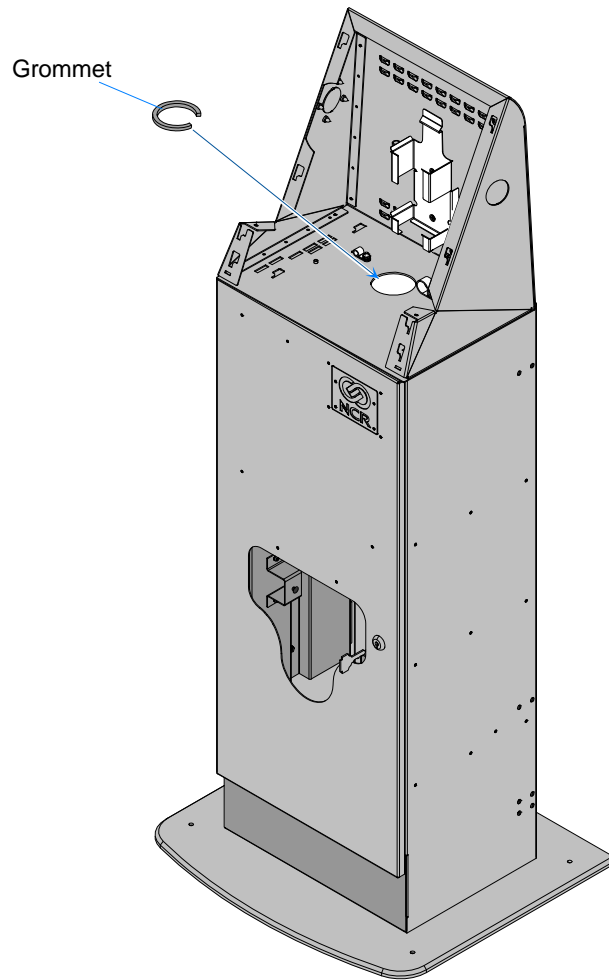
7. Insert the Terminal Power Supply into the bracket.

Terminal Power
Supply

27944

8. Connect the Terminal AC Power Cord to the Power Supply. Route the other end of the cord outside the pedestal (see the *Cable Routing* section).

AC Power Cord

Cable Routing Hole

27945
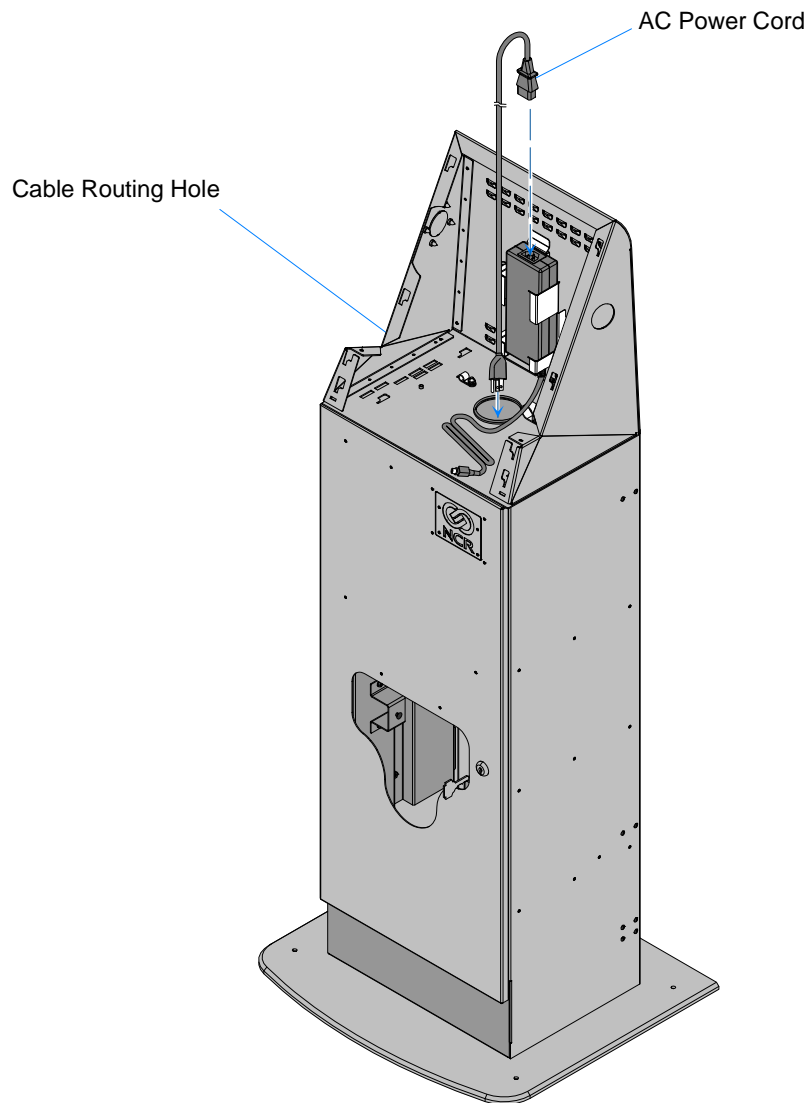
Installing the Filler Plate/Keyboard Options

Install one of the following options on the front of the Upper Cabinet.

- Pedestal Filler Plate (7409-K061)
- Pedestal Filler Plate with N5680 Image Scanner (7409-K078)
- Pedestal Keyboard Tray (7409-K063); requires Rugged Keyboard (2336-K212)
- Pedestal Keyboard Tray with N5680 Image Scanner (7409-K080)
- Pedestal Keyboard Tray w/MS3207 Bar Code Scanner (7409-K064); requires Rugged Keyboard (2336-K212)
- Pedestal PIN Pad/Dip MSR (7409-K068)

7409-K061

7409-K078

7409-K063/2336-K212

7409-K080/2336-K212

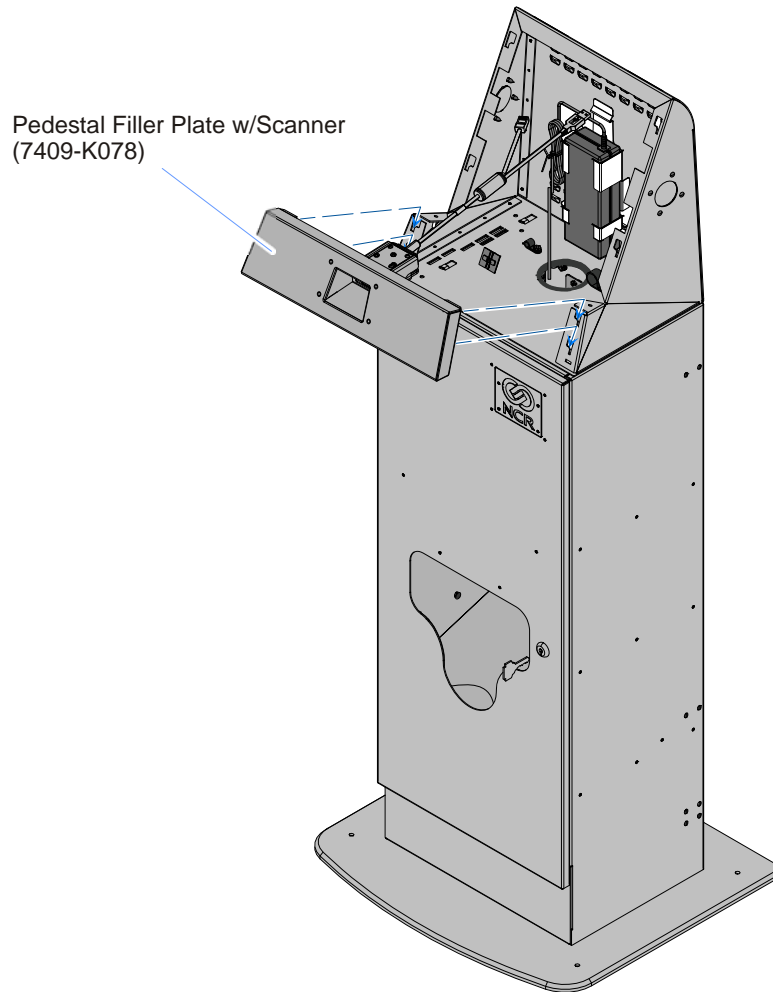7409-K064/2336-K212

7409-K068

31458a
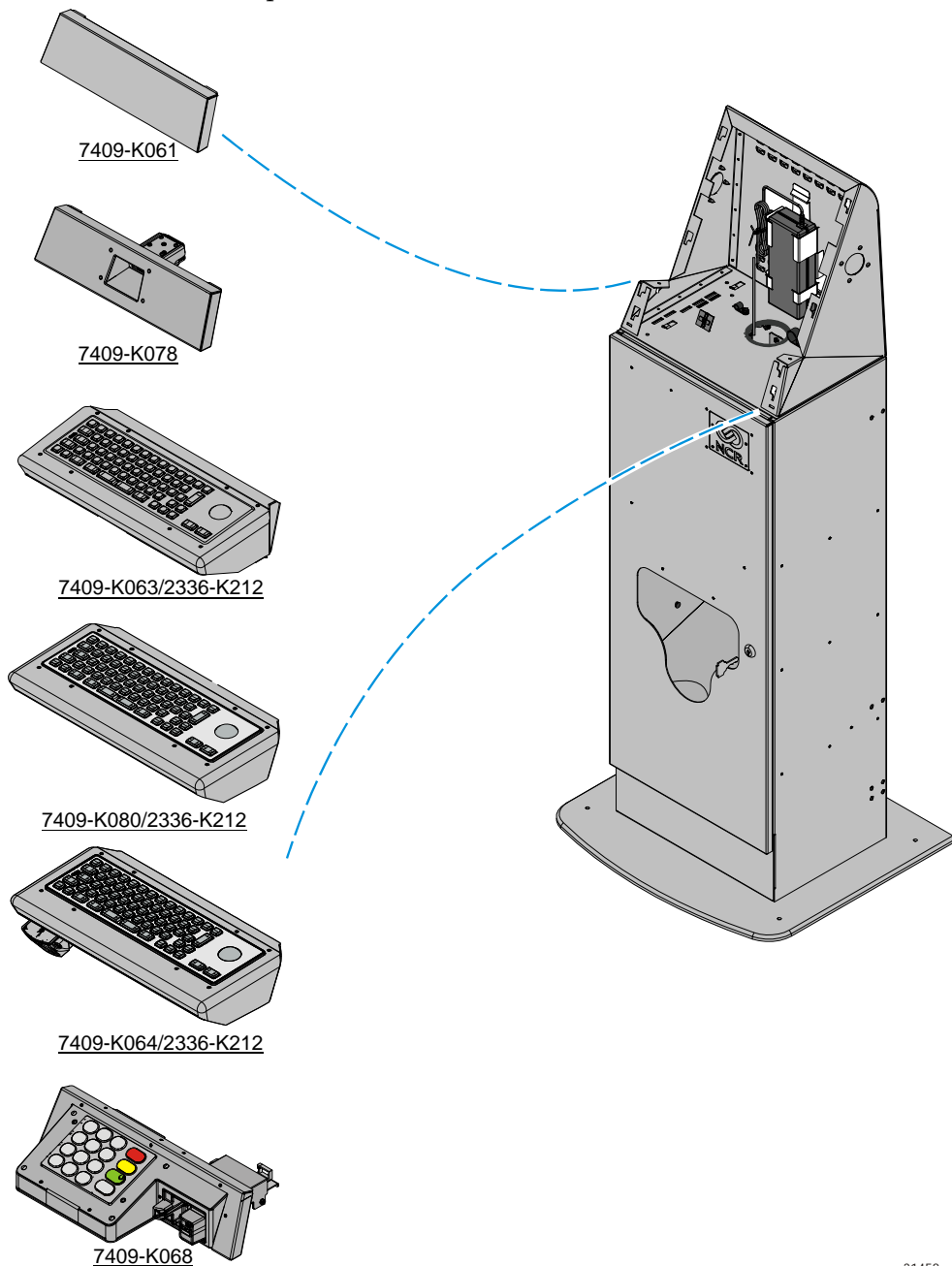
Installing the Pedestal Filler Plate (7409-K061)

1. Align the tabs (4) on the back of the Filler Plate with the corresponding slots (4) on the front of the Upper Pedestal Cabinet.

2. Slide the Filler Plate down to lock it into position.

Pedestal Filler Plate
(7409-K061)

27970
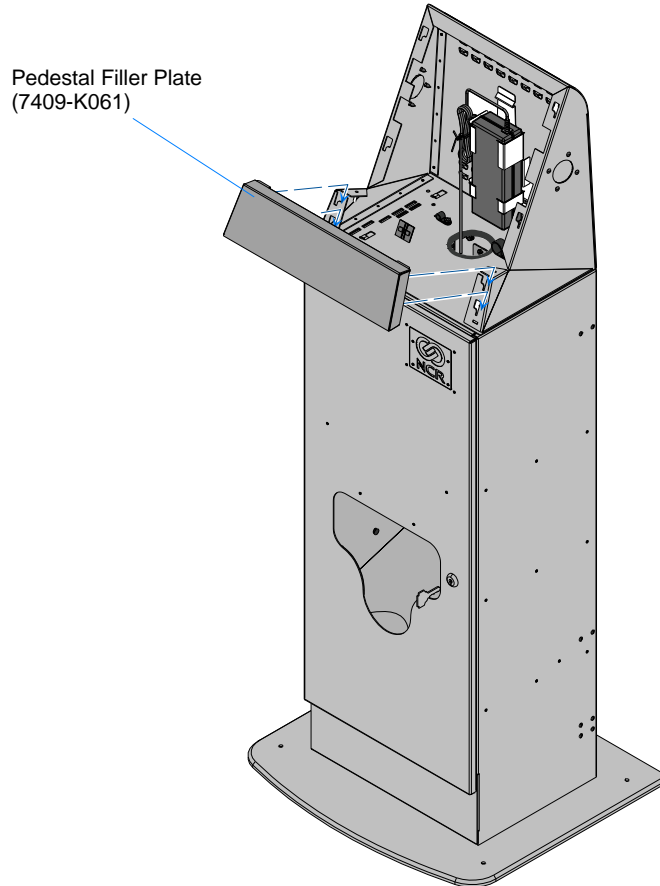
Installing the Pedestal Filler Plate with N5680 Image Scanner (7409-K078)

1. Connect the scanner cable to the scanner.

2. Align the tabs (4) on the back of the Filler Plate with the corresponding slots (4) on the front of the Upper Pedestal Cabinet.

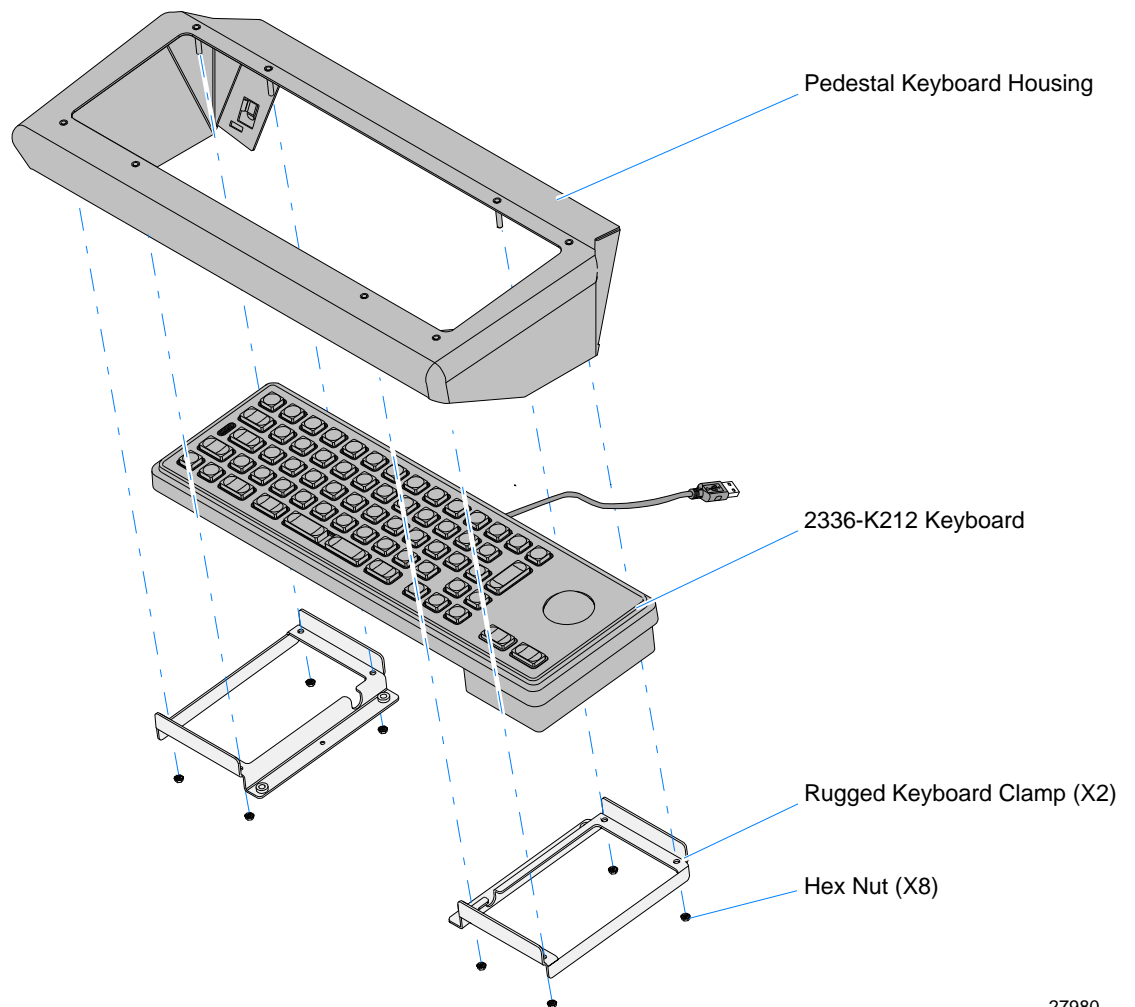3. Slide the Filler Plate down to lock it into position.

Pedestal Filler Plate w/Scanner
(7409-K078)

31459

4. Later, after installing the terminal, connect the scanner cable to a USB port on the terminal I/O panel
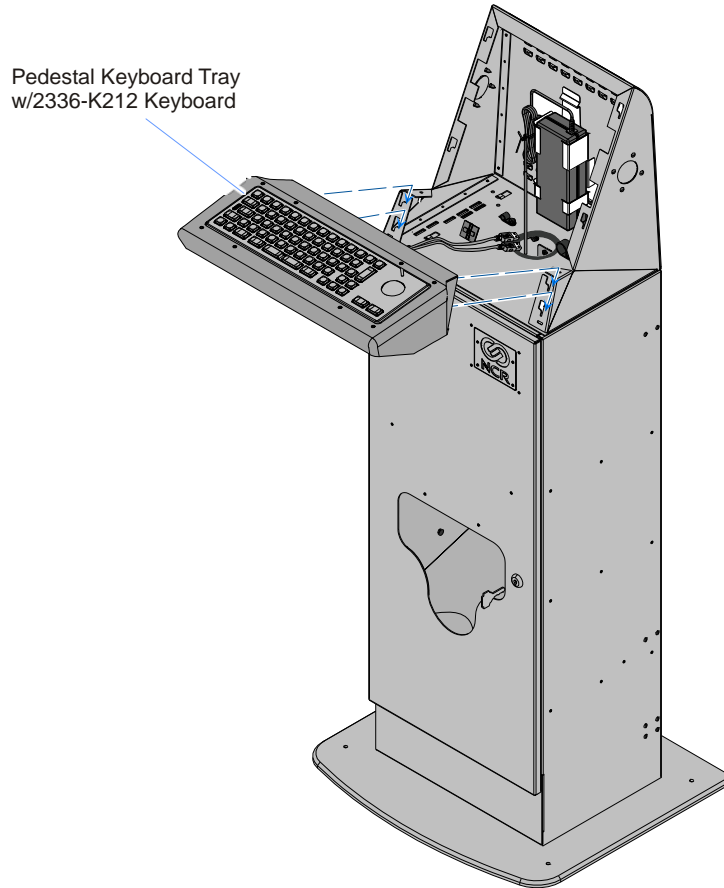
Installing the Pedestal Keyboard Tray (7409-K063)
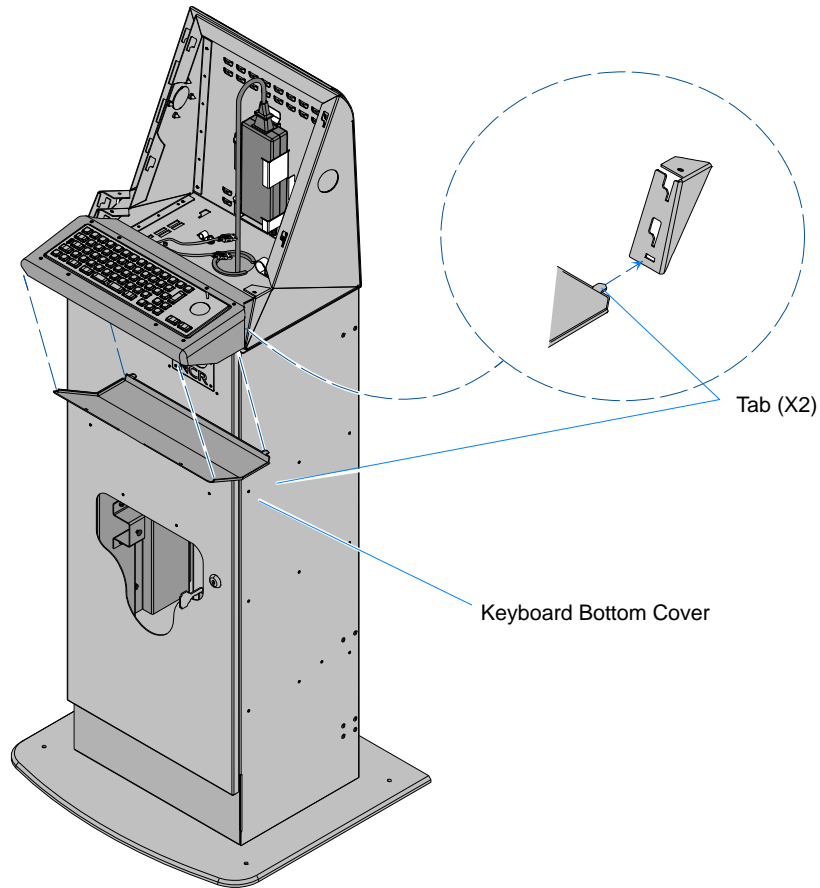
This kit provides housing for the 2336-K212 Keyboard.

1. Insert the 2336-K212 Keyboard into the bottom of the Pedestal Keyboard Housing and secure it with the Rugged Keyboard Clamps (2) and Hex Nuts (8).

Pedestal Keyboard Housing

2336-K212 Keyboard

Rugged Keyboard Clamp (X2)

Hex Nut (X8)

27980

2. Align the tabs (4) on the back of the Pedestal Keyboard Housing with the corresponding slots (4) on the front of the Upper Pedestal Cabinet.

3. Slide the Keyboard Assembly down to lock it into position.

Pedestal Keyboard Tray
w/2336-K212 Keyboard

29459

4. Insert the Keyboard Bottom Cover tabs (2) into the corresponding slots (2) in the bottom of the Pedestal Keyboard Housing and Upper Cabinet.

Tab (X2)

Keyboard Bottom Cover

29460

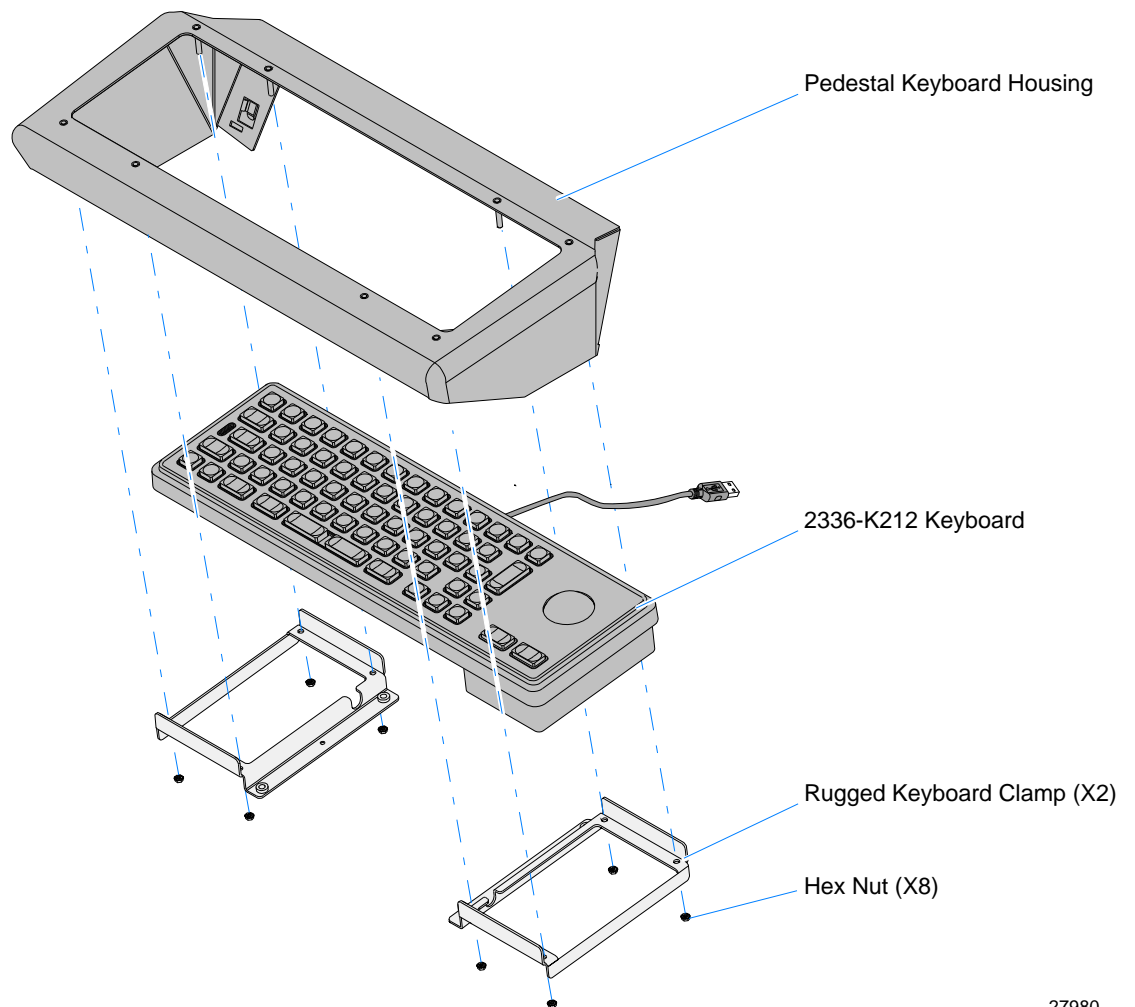5. Secure the Keyboard Bottom Cover with screws (2).

29461
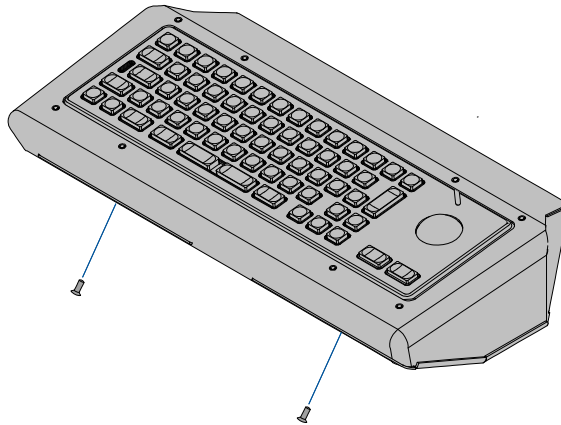
6. Later, after installing the terminal, connect the keyboard cable to a USB port on the terminal I/O panel.

Installing the Pedestal Keyboard Tray w/MS3207 Bar Code Scanner (7409-K064)

This kit provides housing for the 2336-K212 Keyboard and a Bar Code Scanner.

1. Insert the 2336-K212 Keyboard into the bottom of the Pedestal Keyboard Housing and secure it with the Rugged Keyboard Clamps (2) and Hex Nuts (8).
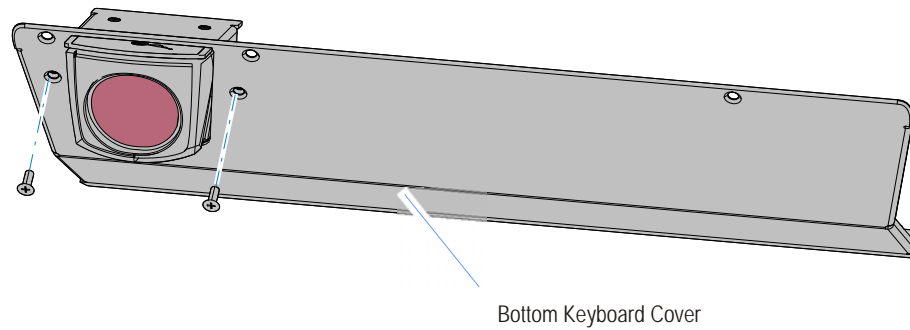
Pedestal Keyboard Housing

2336-K212 Keyboard

Rugged Keyboard Clamp (X2)

Hex Nut (X8)

27980

2. Attach the MiniScan Scanner to the Scanner Mount Bracket with screws (3).

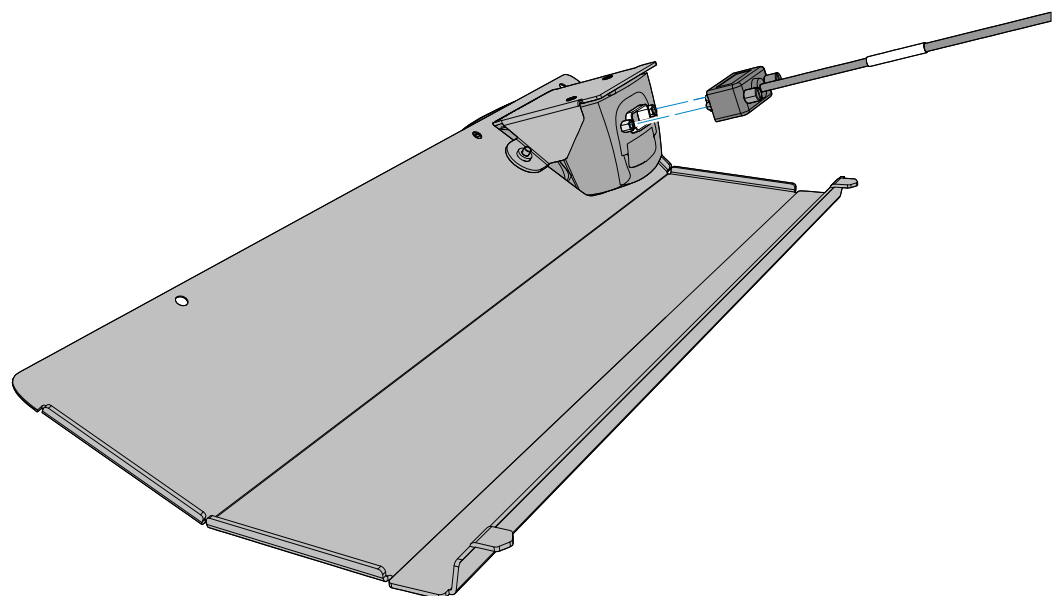Scanner Mounting Bracket

MiniScan Scanner
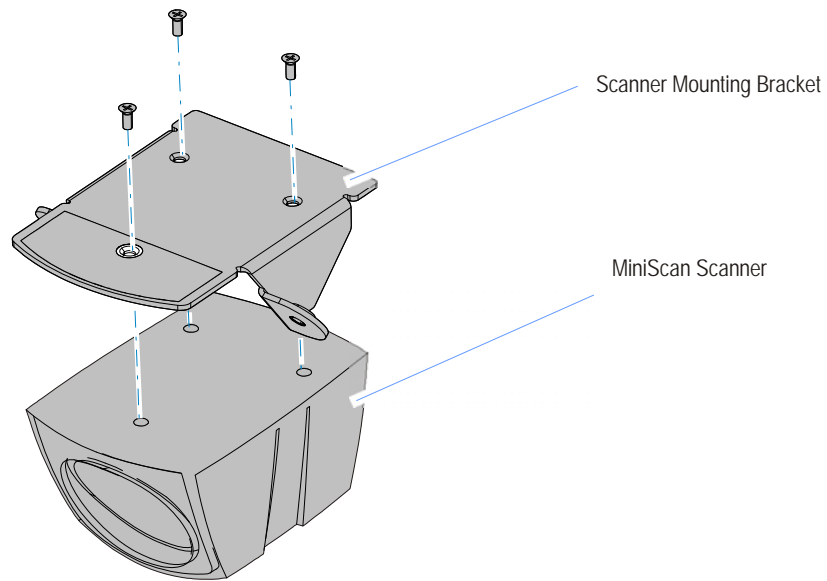
30348

3. Secure the scanner to the Bottom Keyboard Cover (2 screws).
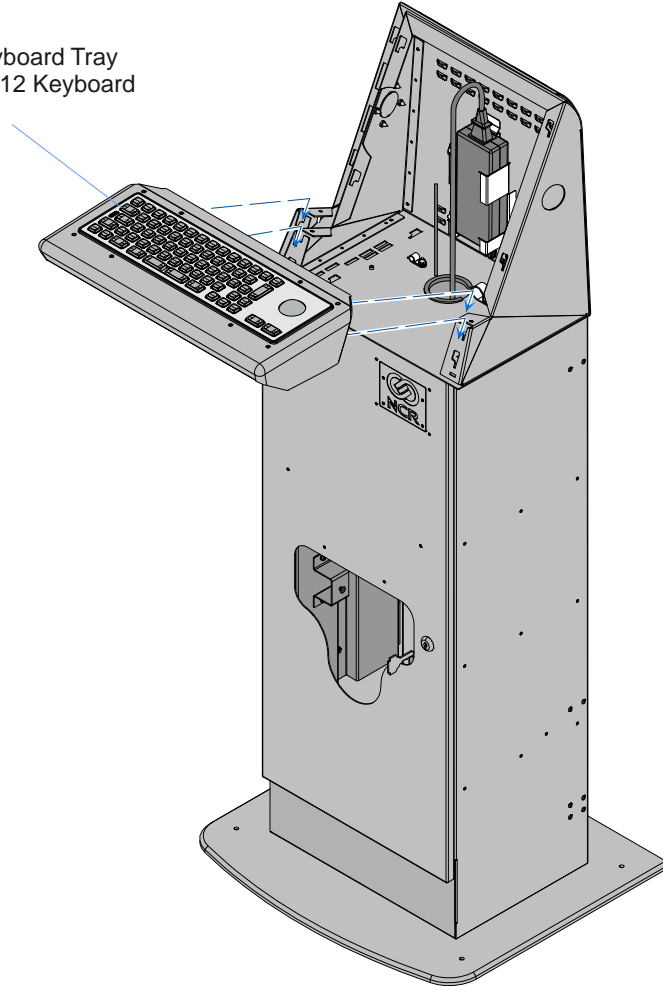
Bottom Keyboard Cover

30349

4. Connect the Scanner Cable to the 9-Pin D-Shell connector on the scanner.

30350

5. Align the tabs (4) on the back of the Pedestal Keyboard Housing with the corresponding slots (4) on the front of the Upper Pedestal Cabinet.

6. With the tabs seated in the slots slide the Keyboard Assembly down to lock it into position.

Pedestal Keyboard Tray
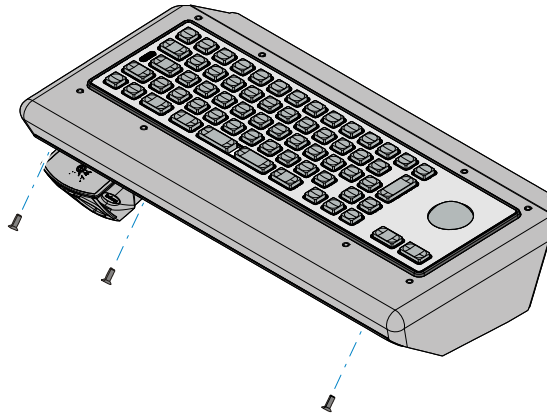and 2336-K212 Keyboard

30351

7. Insert the Keyboard Bottom Cover tabs (2) into the corresponding slots (2) in the bottom of the Pedestal Keyboard Housing and Upper Cabinet.

Tab (X2)

Keyboard Bottom Cover
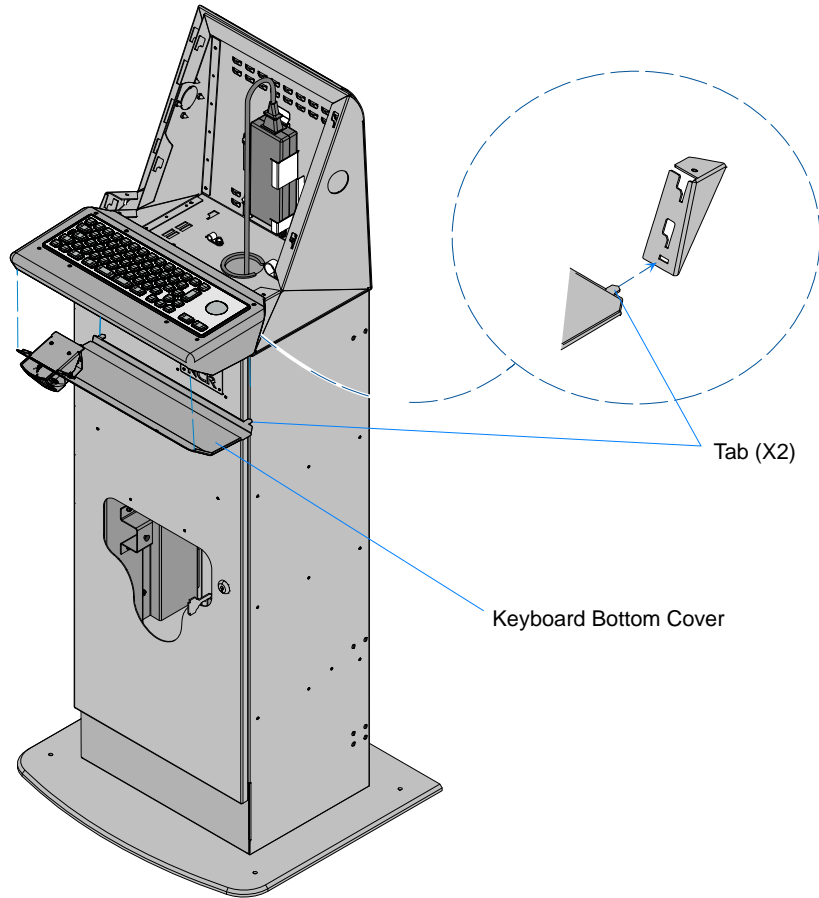
30352

8. Secure the Keyboard Bottom Cover with screws (3).

30353

9. Later, after installing the terminal, connect the scanner and keyboard cables to the terminal I/O panel.

    •   Scanner to an RS-232 port (power) and a USB port (data)

    •   Keyboard to a USB port

Installing the Pedestal Keyboard Tray w/N5680 Image Scanner (7409-K080)

This kit provides housing for the 2336-K212 Keyboard and a N5680 Image Scanner.

1. Remove the Keyboard Bottom Cover and Scanner Assembly from the Keyboard Housing (2 screws).

Keyboard Housing

Keyboard Bottom Cover and Scanner Assembly

31489
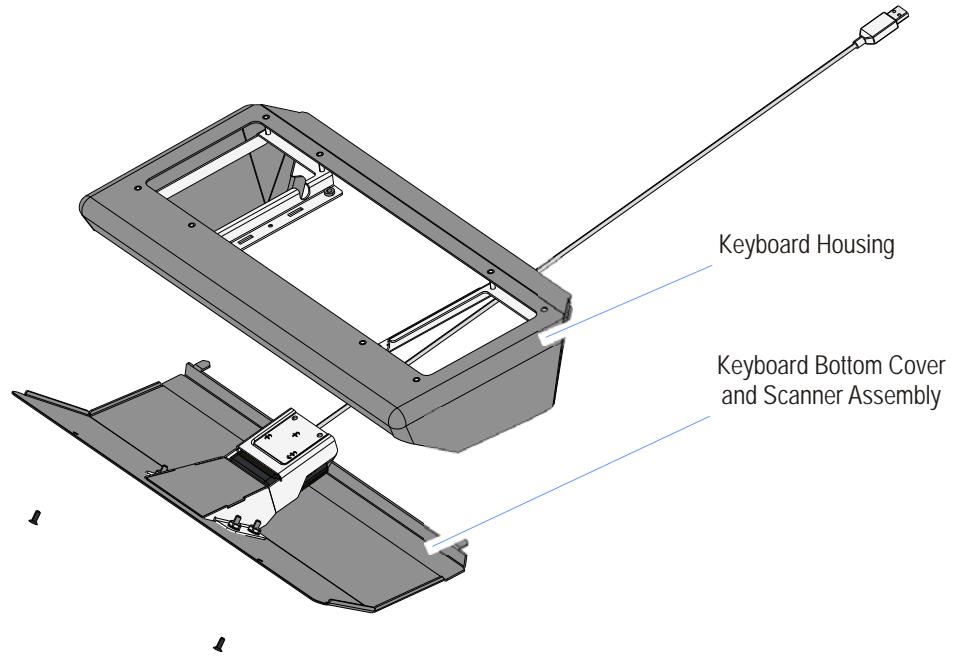
2. Install the 2336-K212 Keyboard into the bottom of the Pedestal Keyboard Housing and secure it with the Rugged Keyboard Clamps (2) and Hex Nuts (8).

Pedestal Keyboard Housing

2336-K212 Keyboard

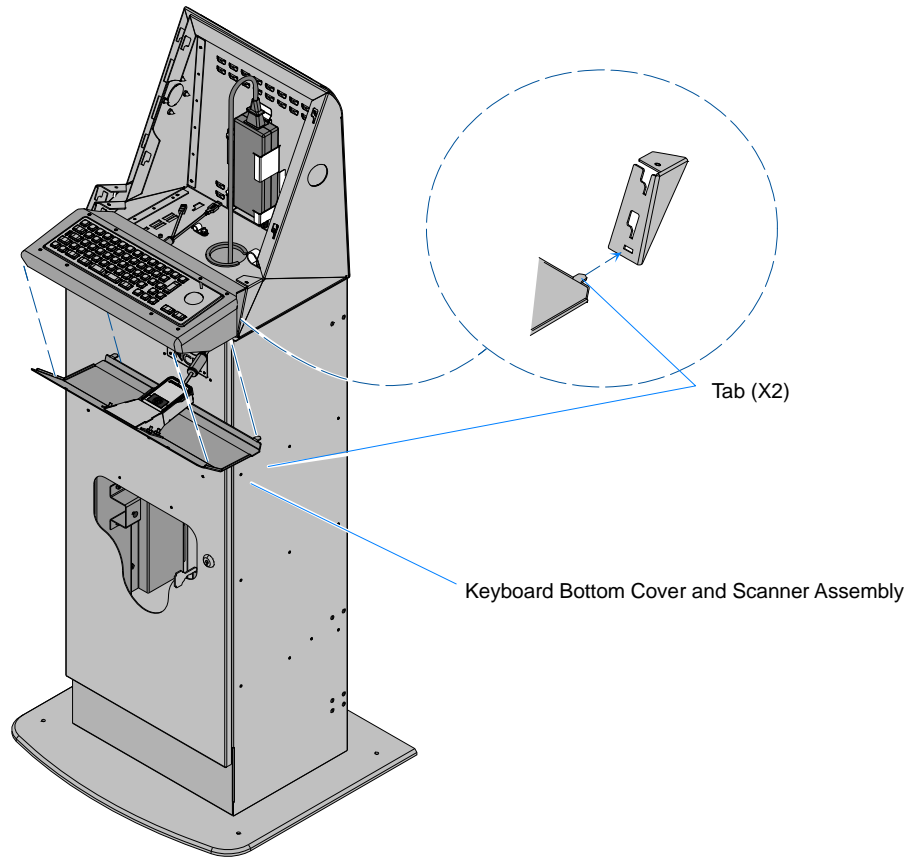Rugged Keyboard Clamp (X2)

Hex Nut (X8)

27980
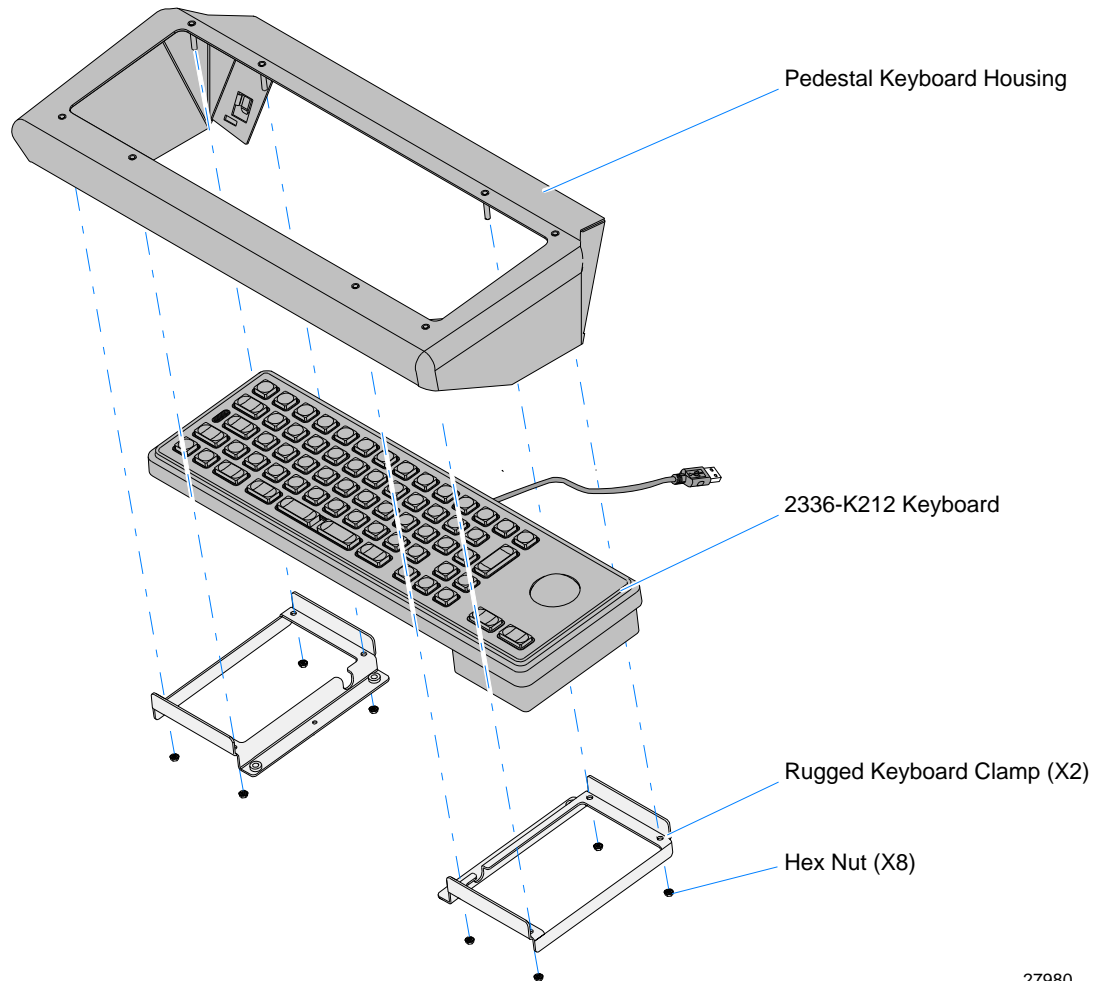
3. Align the tabs (4) on the back of the Pedestal Keyboard Housing with the corresponding slots (4) on the front of the Upper Pedestal Cabinet.

4. Slide the Keyboard Assembly down to lock it into position.

Pedestal Keyboard Tray with
N5680 Imaging Scanner
(7409-K080)

31460
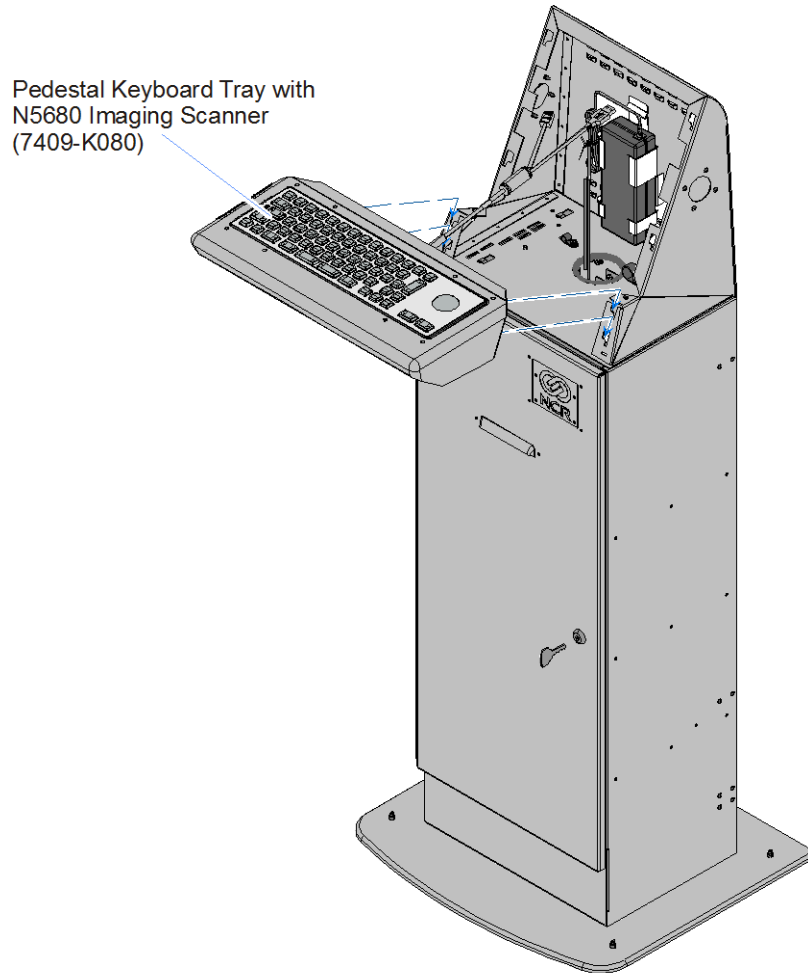
5. Install the Keyboard Bottom Cover and Scanner Assembly.

   • Route the scanner cable out the rear of the Keyboard Housing.

   • Insert the Keyboard Bottom Cover tabs (2) into the corresponding slots (2) in the bottom of the Pedestal Keyboard Housing and Upper Cabinet.

Tab (X2)

Keyboard Bottom Cover and Scanner Assembly

29462

6. Secure the Keyboard Bottom Cover (2 screws).
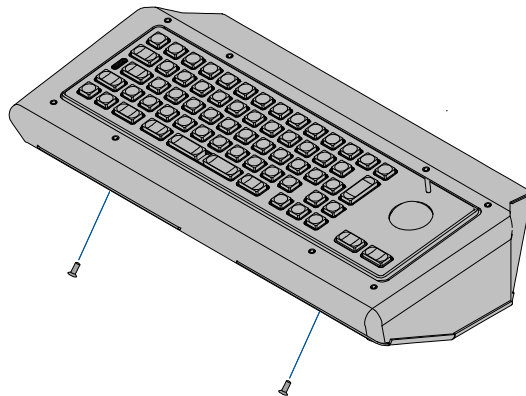
29461

7. Later, after installing the terminal, connect the scanner and keyboard cables to USB ports on the terminal I/O panel.

Installing the Pedestal PIN Pad/Dip MSR (7409-K068)

1. Align the tabs (4) on the back of the Filler Plate with the corresponding slots (4) on the front of the Upper Pedestal Cabinet.

2. Slide the assembly down to lock it into position.

Pedestal PIN Pad/Dip MSR
(7409-K068)
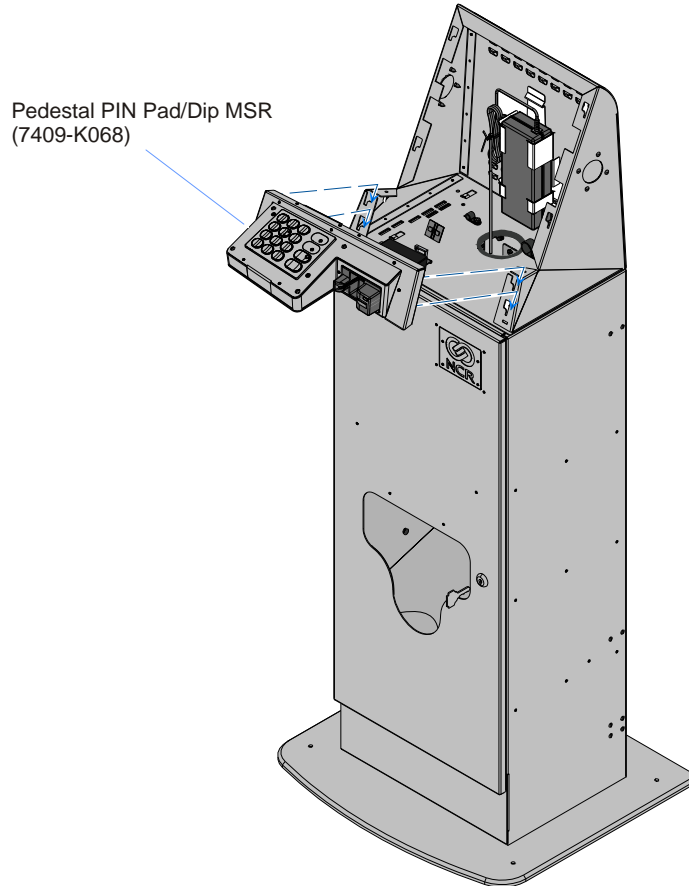
28725

3. Later, after installing the terminal, connect the PIN Pad and MSR cables to the terminal I/O panel.

    - PIN Pad to an RS-232 port (power) and a USB port (data)

    - MSR to a USB port

Installing the SelfServ 60 (7409) Terminal

For ease in handling you can remove the 7409 Rear Cover from the Display Assembly before installing the terminal on the pedestal.

1. Lay the terminal face down on a flat surface.

2. Loosen the captive screws (2) that secure the Rear Cover.
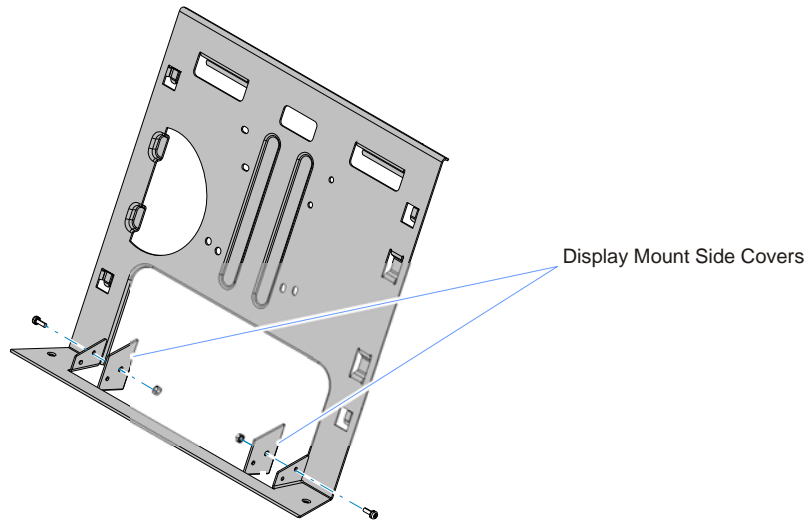
Rear Cover

Captive Screws

26650
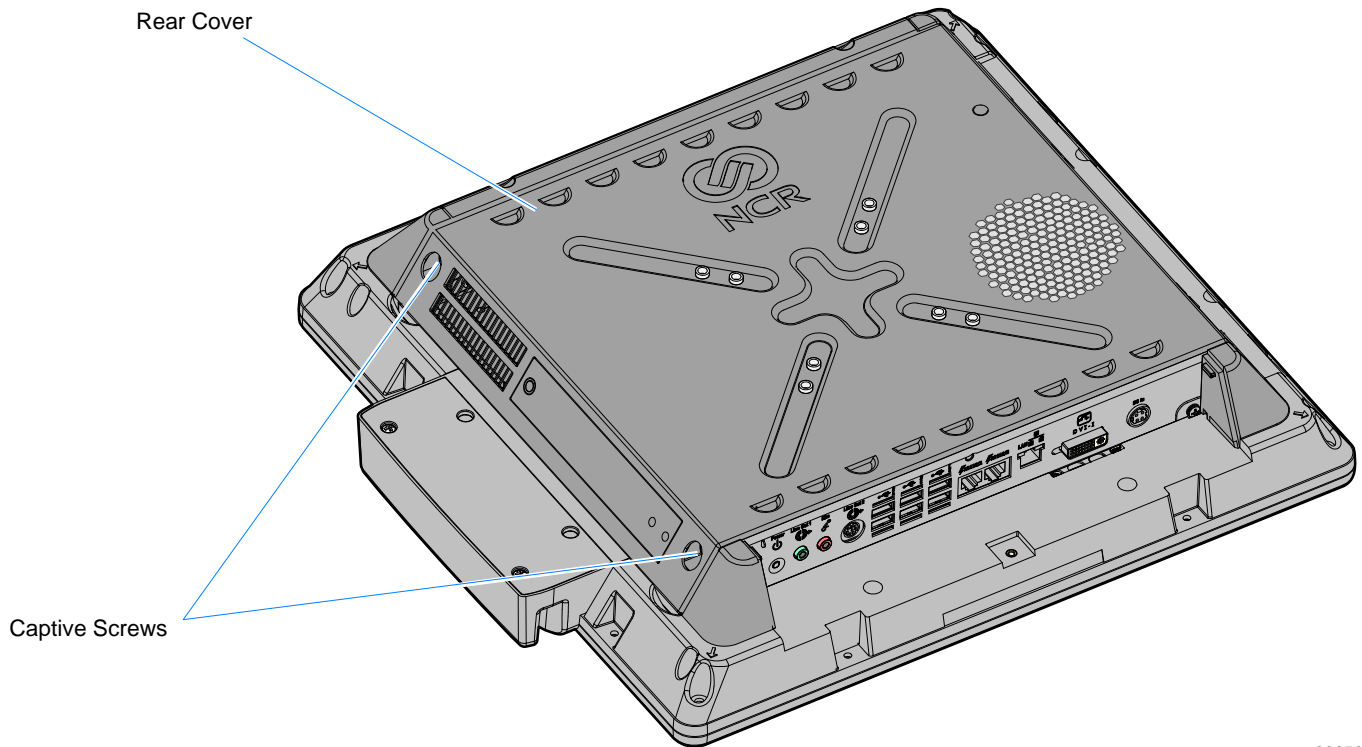
3. Pivot the Rear Cover to the open position.

4. Remove the Rear cover by squeezing the Rear Cover Latches together to retract the pins as indicated below.

Rear Cover Latches

Pins

26651
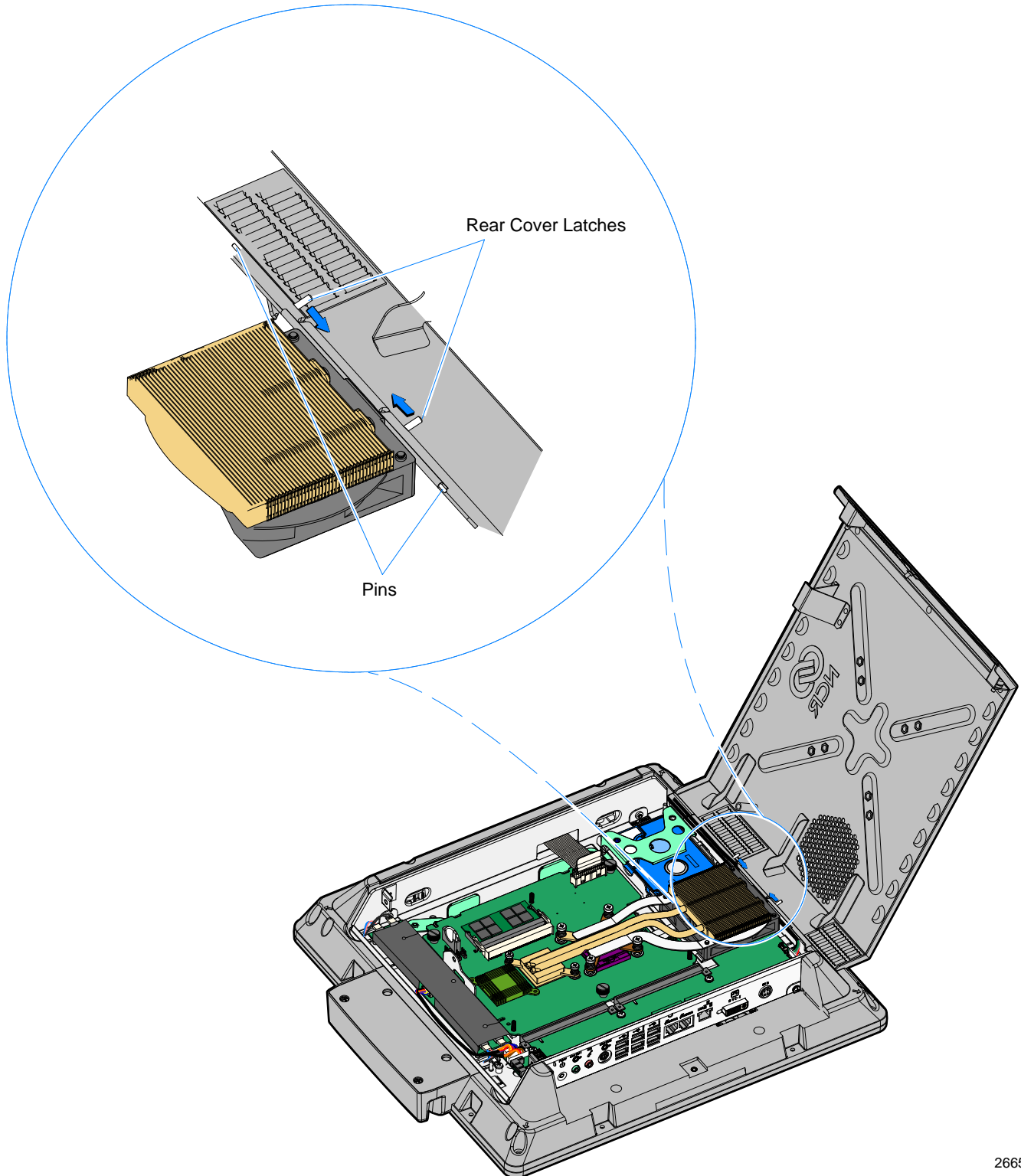
1. Install the Display Mount Side Covers (2). Use the supplied screws and hex nuts.

    Note: The Side Covers are only used with 19" 7409 Displays. Discards them otherwise.

    Display Mount Side Covers

    28743

2. Install the Display Bracket onto the terminal Rear Cover (4 screws). There are two sets of holes in the Display Bracket. All 7409 terminals use the "A" set of holes.

    Note: The screws used are included on the Rear Cover of the terminal, not in this kit.

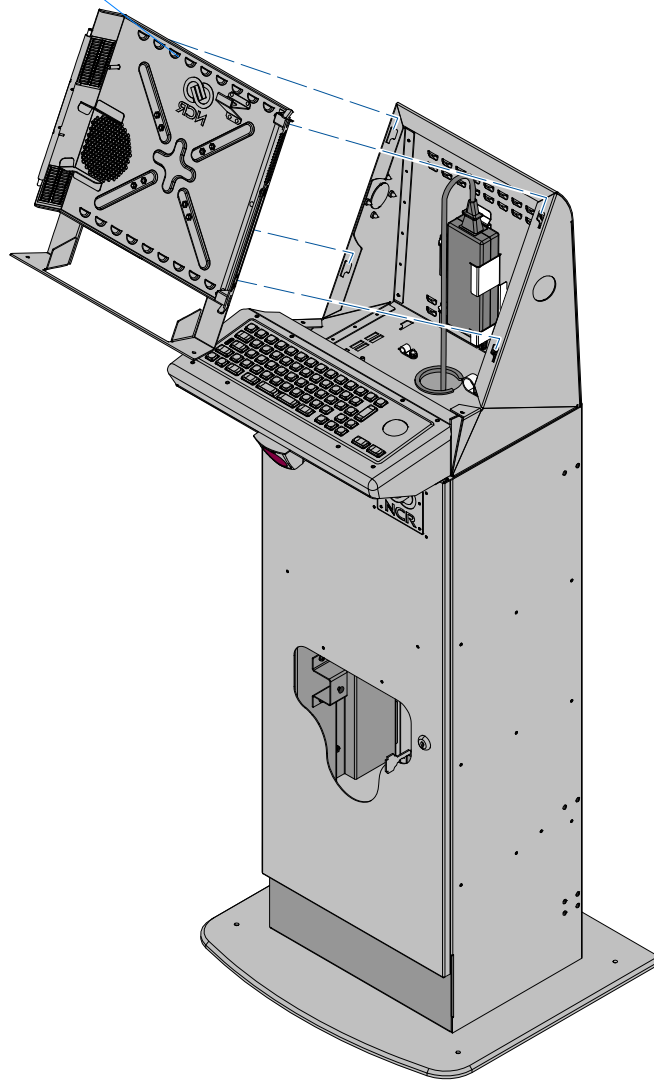   **Mounting Holes:**
    Use "A" holes.
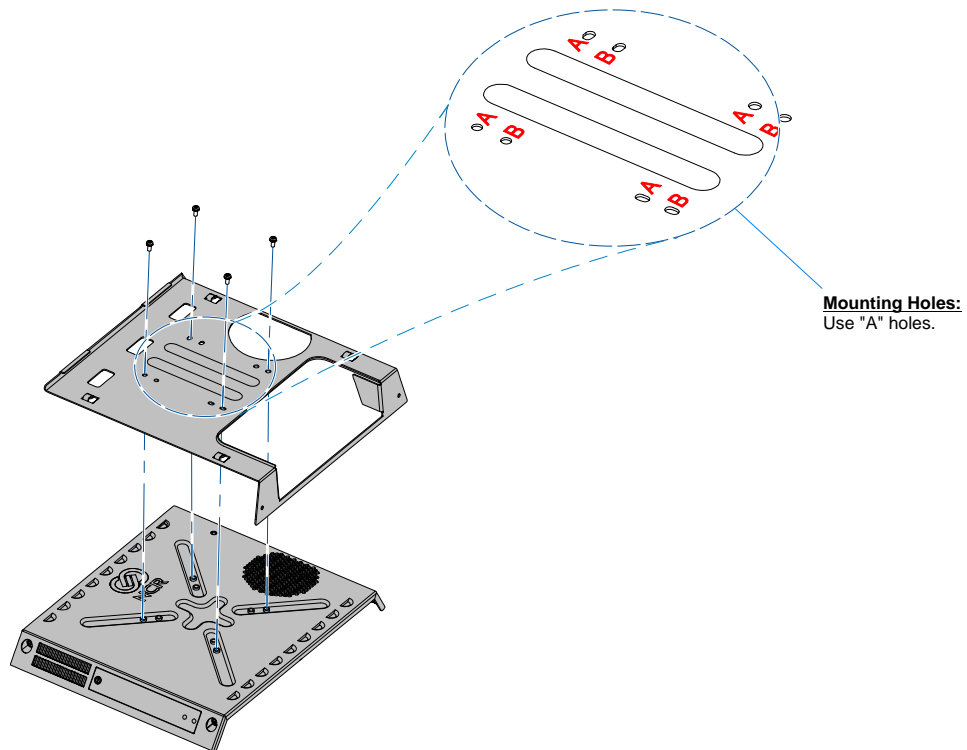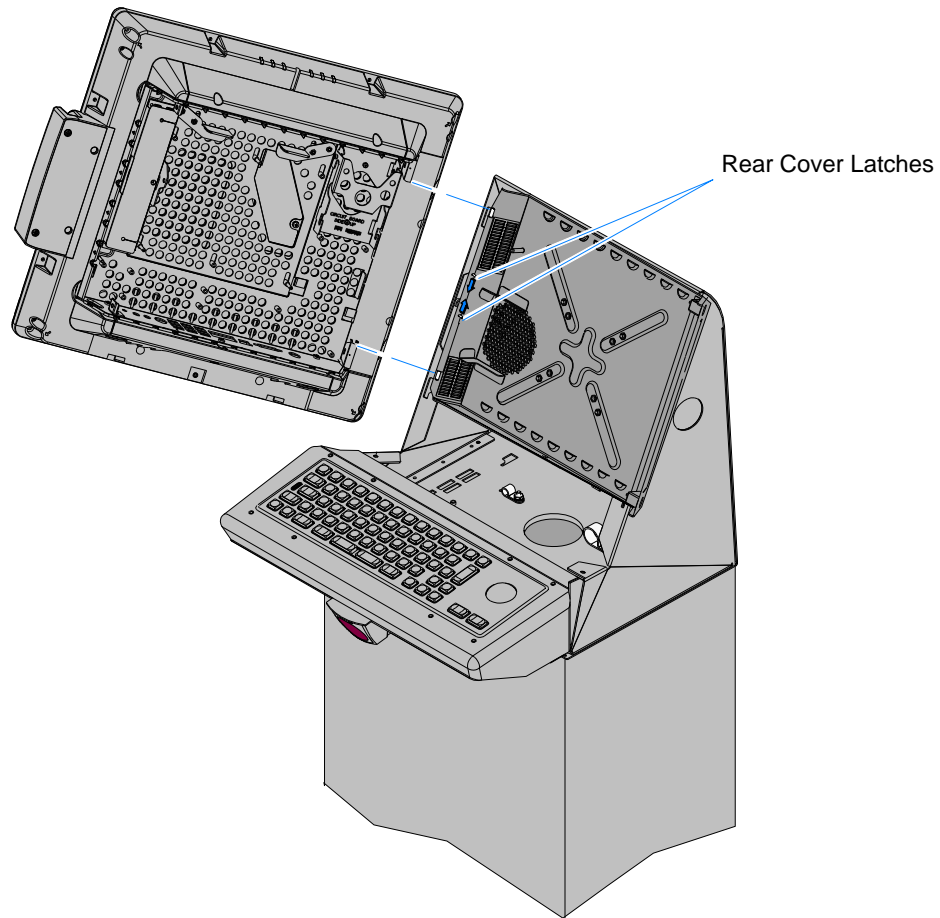
    7409 Rear Cover

    27946

3. Align the tabs (4) on the back of the Display Bracket with the slots (4) on the Upper Cabinet.

4. Slide the assembly downward to lock it into position.

7409 Rear Cover - Display Bracket Assembly

27947

a. Install the Display onto the Rear Cover hinge. Align the hinges and squeeze the Rear Cover Latches together to retract the pins. Once aligned, release the latches. Close the display.


Rear Cover Latches

27948

5. Tighten the captive screws (2) to secure the display.

Installing the EasyPoint Advantage (7404) Terminal

1. Install the Display Bracket onto the back of the terminal (4 screws). There are two sets of holes in the Display Bracket. Use the "A" set of holes for 17" displays and the "B" holes for 15" displays.

    Note: The screws used are included on the Rear Cover of the terminal, not in this kit.
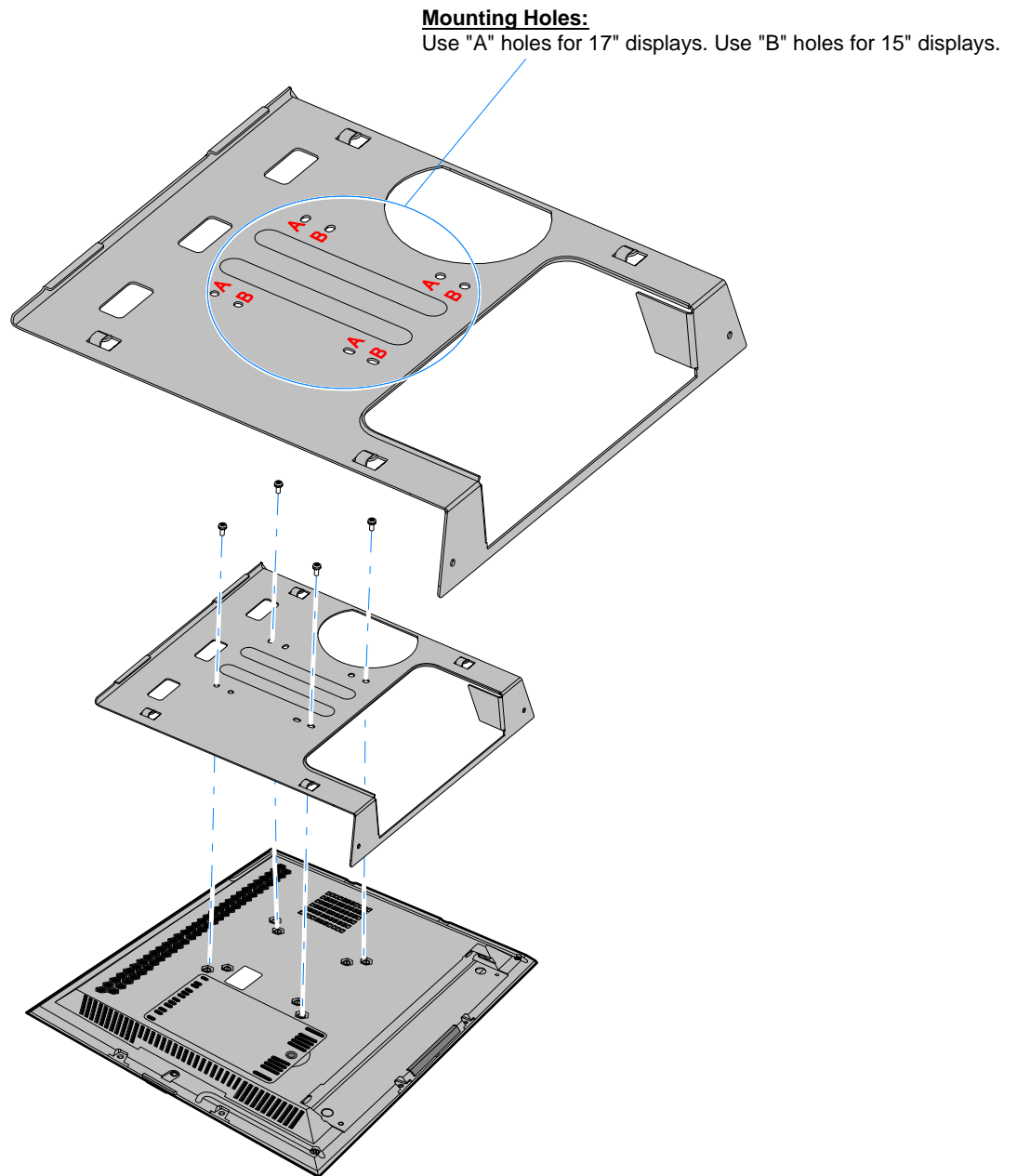
Mounting Holes:
Use "A" holes for 17" displays. Use "B" holes for 15" displays.

7404 Terminal

27946a

2. Align the tabs (4) on the back of the Display Bracket with the slots (4) on the Upper Cabinet.

3. Slide the display/bracket assembly downward to lock it into position.

7404 Display - Display Bracket Assembly
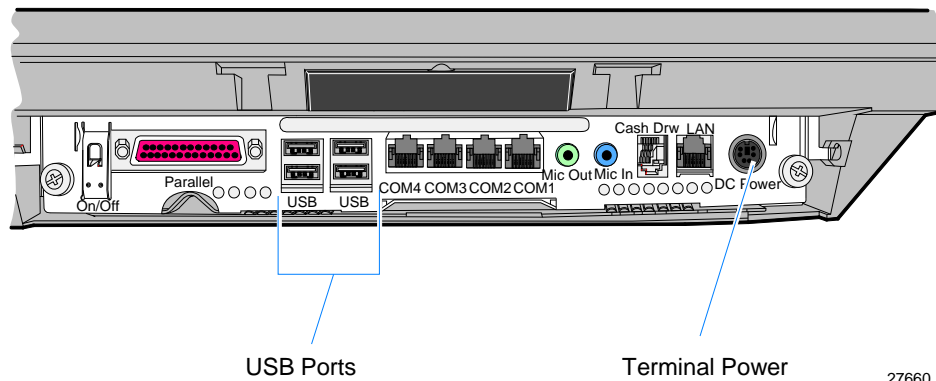
27947a
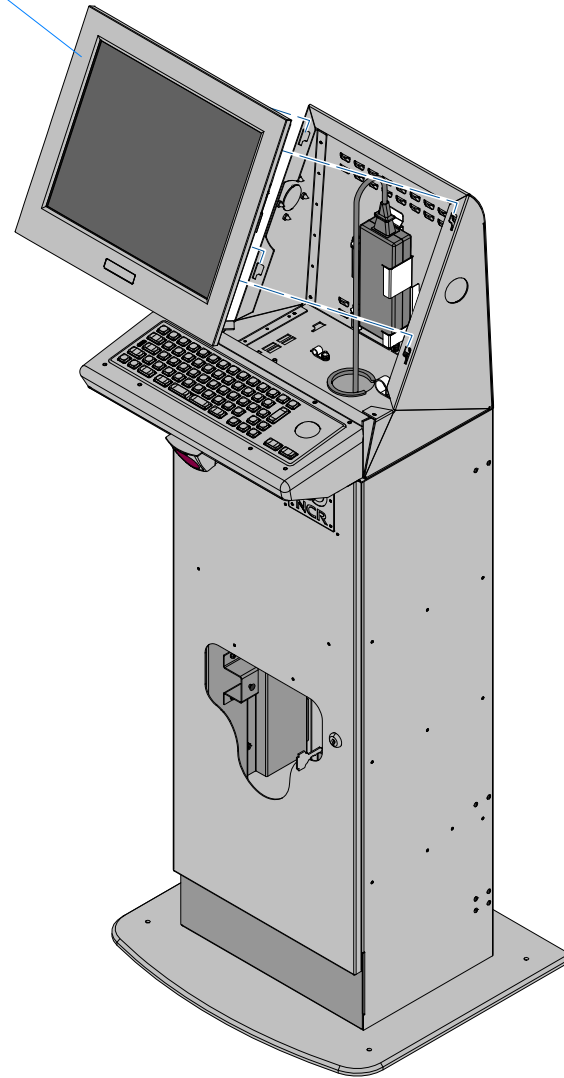
Terminal Cable Connections

1. Connect the Terminal Power Supply Cable and the Printer USB Cables to the terminal I/O Panel.

2. Connect the Scanner, PIN Pad, MSR, and Keyboard Cables to the I/O panel ports (as applicable, depending on which Filler Plate/Keyboard options are installed).

7409

Terminal Power   USB Ports   27661
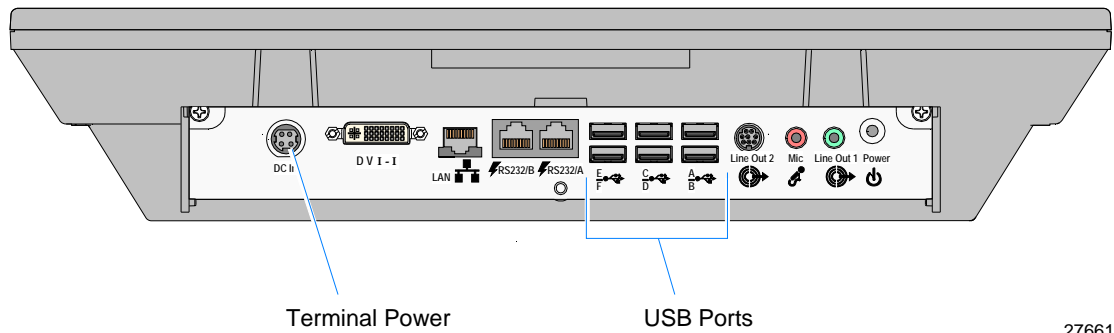
7404

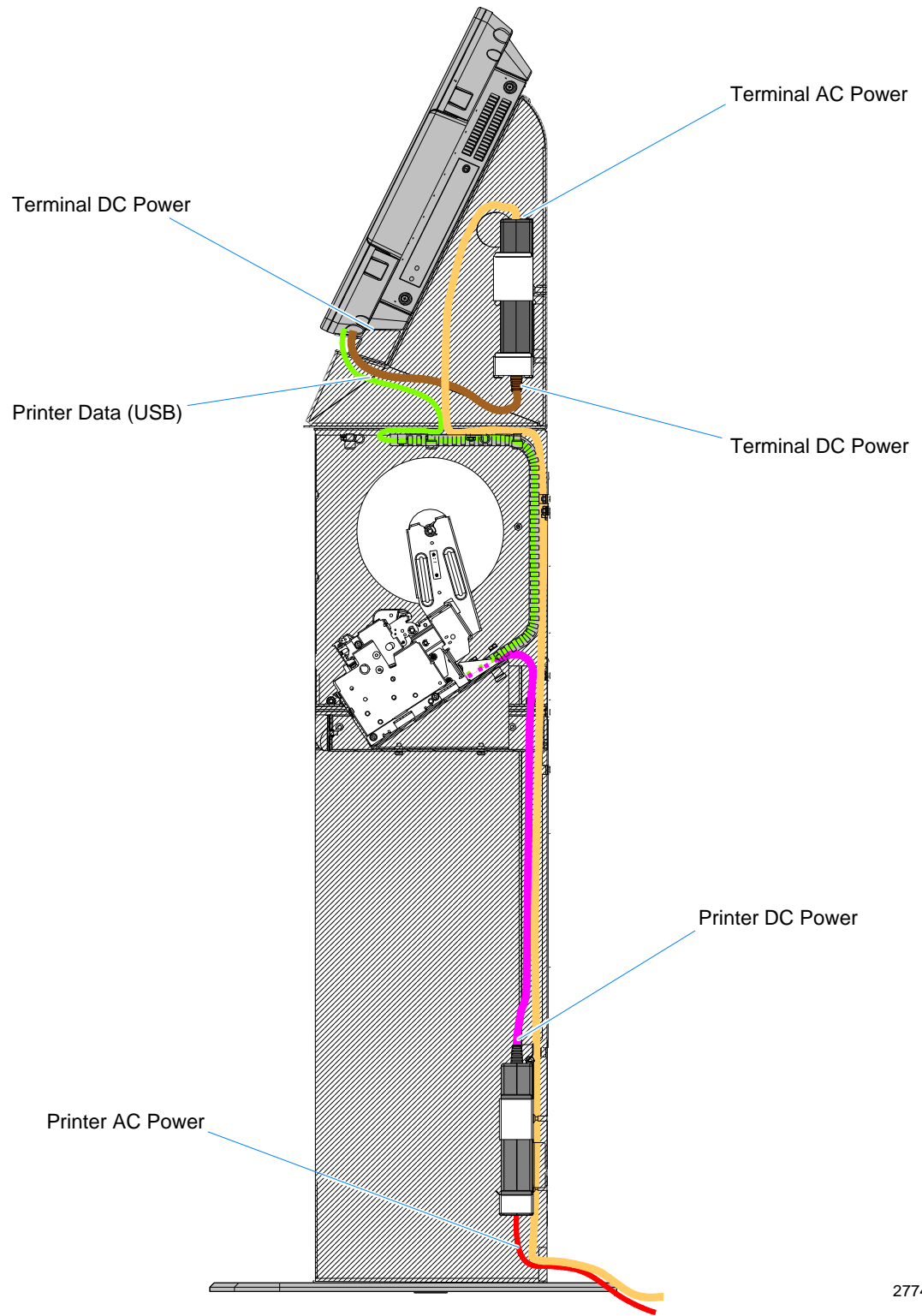USB Ports   Terminal Power   27660

3. Connect the Printer USB Cable to the printer (see *Cable Routing* section).

4. Route the external cables (AC Power Cord, Printer USB, and LAN) out the bottom opening of the Upper Cabinet and down the Lower Cabinet.
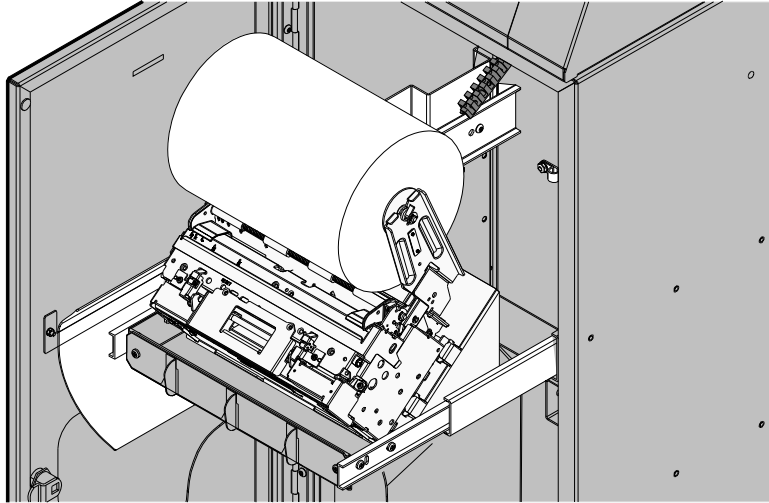
Cable Routing

Use the illustration below to connect and route the cables.

Terminal AC Power

Terminal DC Power

Printer Data (USB)

Terminal DC Power

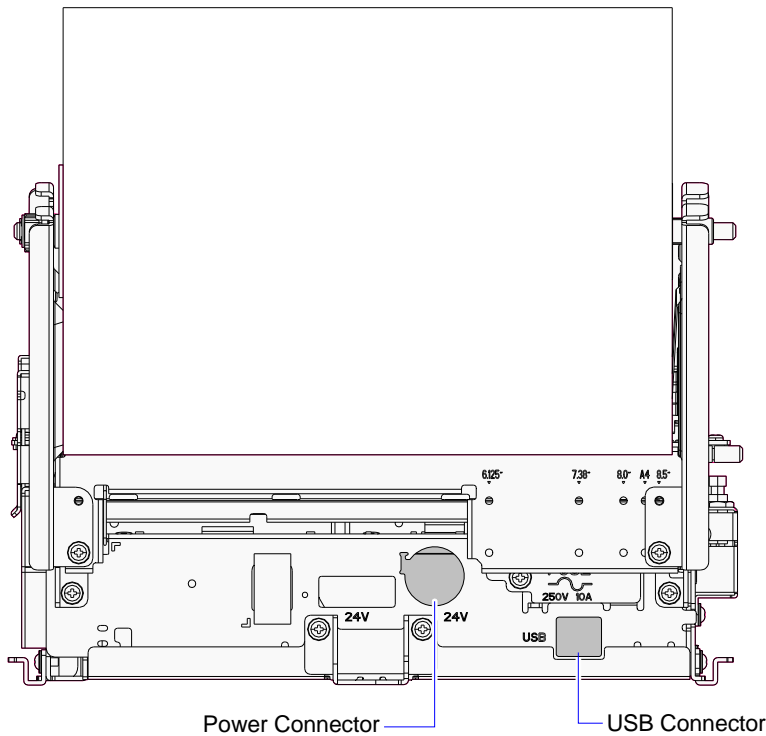Printer DC Power

Printer AC Power

27744

Installing the NCR 2ST Full-Page Printer

1. Slide out the Full–Page Printer Shelf out from the Lower Cabinet.

27051

2. Connect the Printer AC Power Cord and the USB Cable to the Full–Page Printer.


Power Connector ⎯⎯⎯⎯   USB Connector   27052

3. Route the AC Power Cord up through the Cable Guide then down the Lower Cabinet as shown in the *Cable Routing* section earlier in this document. Secure the cord with clamps and KEPS nuts (2).

4. Slide the Full–Page Printer back into the cabinet.

5. Route the Printer AC Power Cord out the bottom opening or the opening on the back of the Lower Cabinet.

Using the NCR 2ST Full-Page Printer
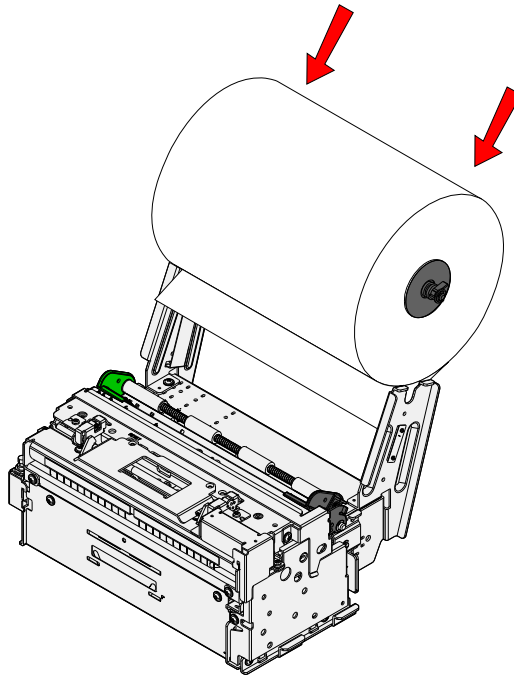
Loading the Paper

1. Turn on the terminal power. This activates the auto load feature of the printer.

2. Insert the paper roll onto the spindle.
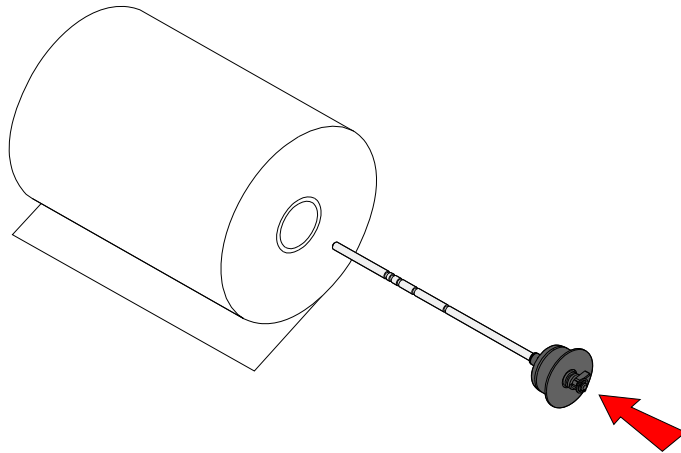
27013

**Note:** The paper edge must unroll from the bottom as shown above.

3. Place the paper roll onto the Printer Cradle.

27014

Note: To prevent jamming, use the Tear Bar on top of the printer to clean the leading edge of the paper from rips, tears, or adhesive.

4. Press down on the Print Head Door to ensure that it is fully closed.

5. Feed the end of the paper into the printer. The auto feed picks up the paper and cuts it to length.
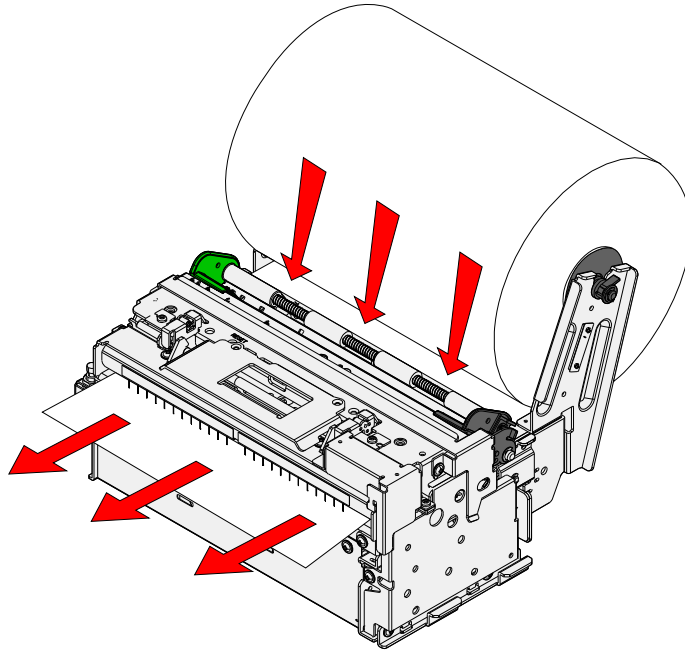

27015

Removing Paper from the Printer Feed Rolls

If paper becomes jammed in the printer feed rolls, follow the procedure below:

1. Release the front lever to open the Print Head Door.

2. Remove the paper.

Removing the Printer from the Lower Cabinet

1. Slide out the Full–Page Printer Shelf from the Lower Cabinet.

2. Remove the Printer Mounting Bracket (2 screws) from the Lower Cabinet.

3. Loosen the captive screw that secures the Full–Page Printer.

4. Slide the Full–Page Printer up slightly to disengage it from the hooks in the Printer Mounting Bracket.

Captive Screw
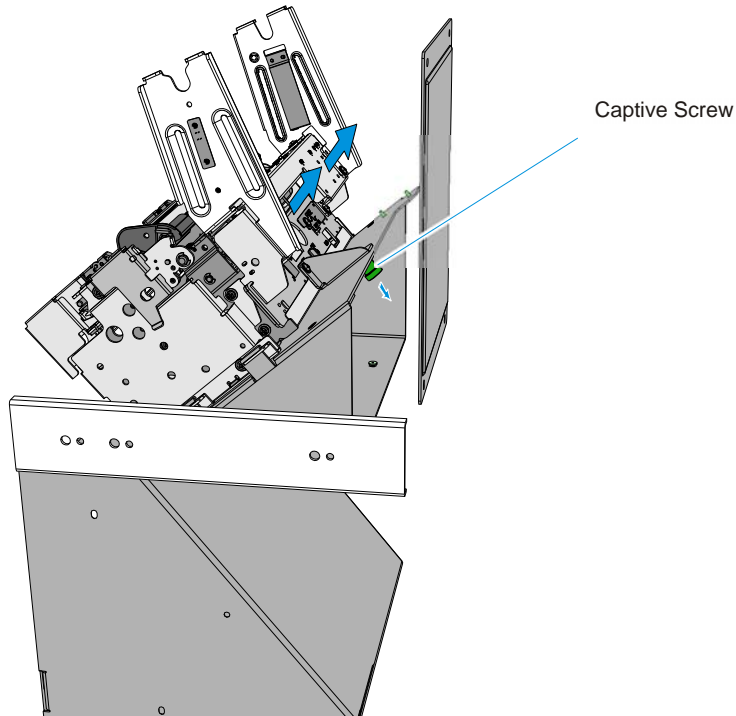
28742

References

The NCR 2ST Full-Page Printer is replaceable in the field as a complete module. Field-level diagnostics and setup are not typically performed on site. Refer to the following documentation for information about configuring and servicing the printer:

- *NCR 2ST Full–Page Printer Owner's Guide* (B005-0000-1925)

- *NCR 2ST Full-Page Printer Service Guide* (B005-0000-1926)

- *NCR 2ST Full-Page Printer Parts Identification Manual* (B005-0000-1927)