2336-K338/K348

Full-Page Printer Pedestal

Kit Instructions

NCR

Issue A

Revision Record
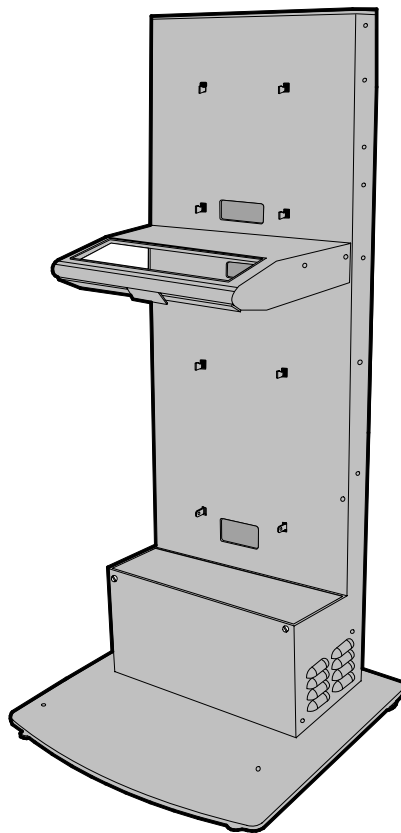
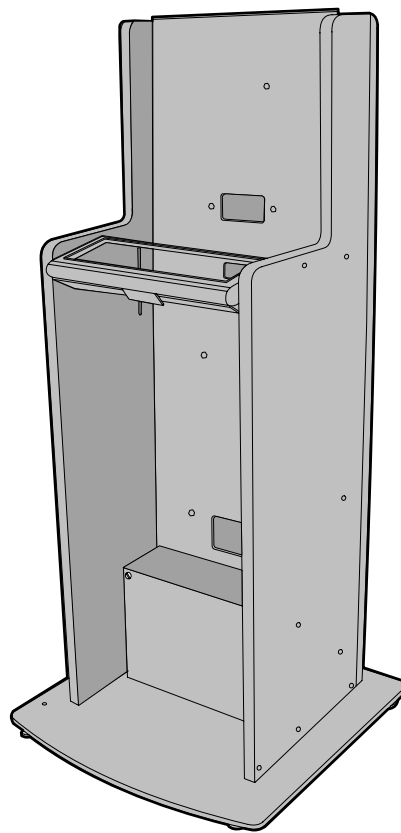| Issue	Date	Remarks
A	Oct 2008	First issue

Introduction

This kit consists of a floor pedestal equipped with a keyboard shelf. The pedestal supports the NCR SelfServ 60 Kiosk (7409) or NCR 7404 EasyPoint Advantage Kiosk and a 7402-K596 Full-Page Printer (ITK-38).

There are two versions of the pedestal. The only difference is the K048 model has side panels.

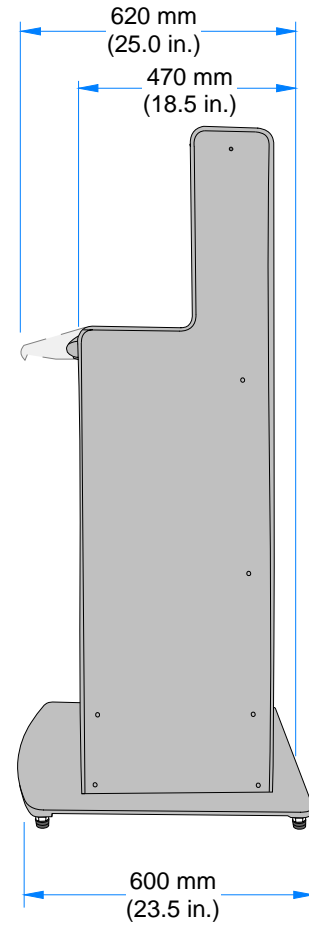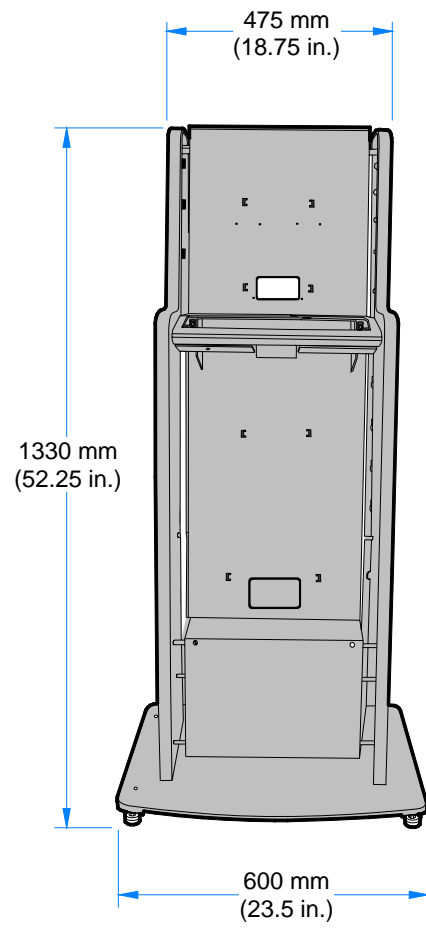| Kit No.	Description
2336-K338	Full-Page Printer Pedestal (No Side Panels)
2336-K348	Full-Page Printer Pedestal (with Side Panels)

2336-K338   2336-K348   26670

Dimensions

2336-K338

375 mm
(14.75 in.)

620 mm
(25.0 in.)

500 mm
(19.5 in.)

1330 mm
(52.25 in.)

600 mm
(23.5 in.)

600 mm
(23.5 in.)

26488

2336-K348

475 mm
(18.75 in.)

620 mm
(25.0 in.)

470 mm
(18.5 in.)

1330 mm
(52.25 in.)

600 mm
(23.5 in.)

600 mm
(23.5 in.)
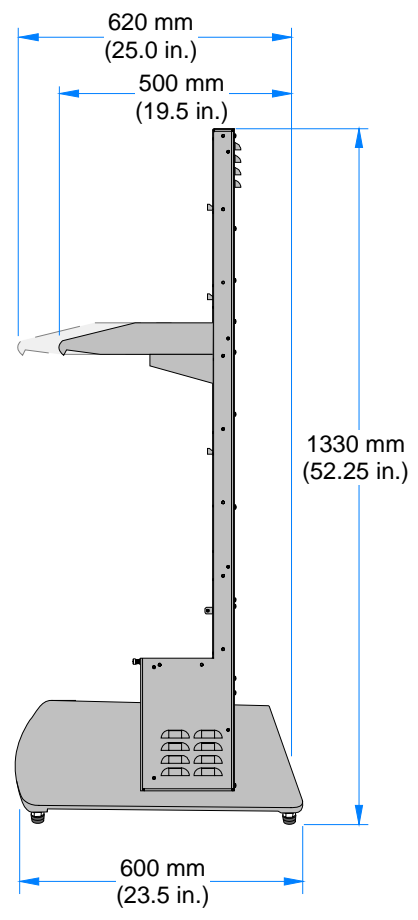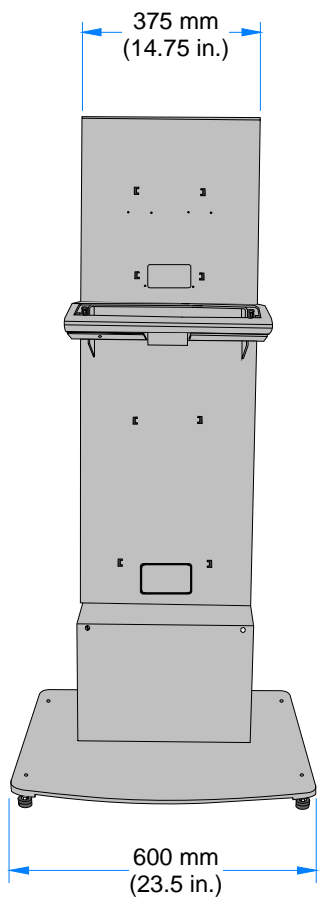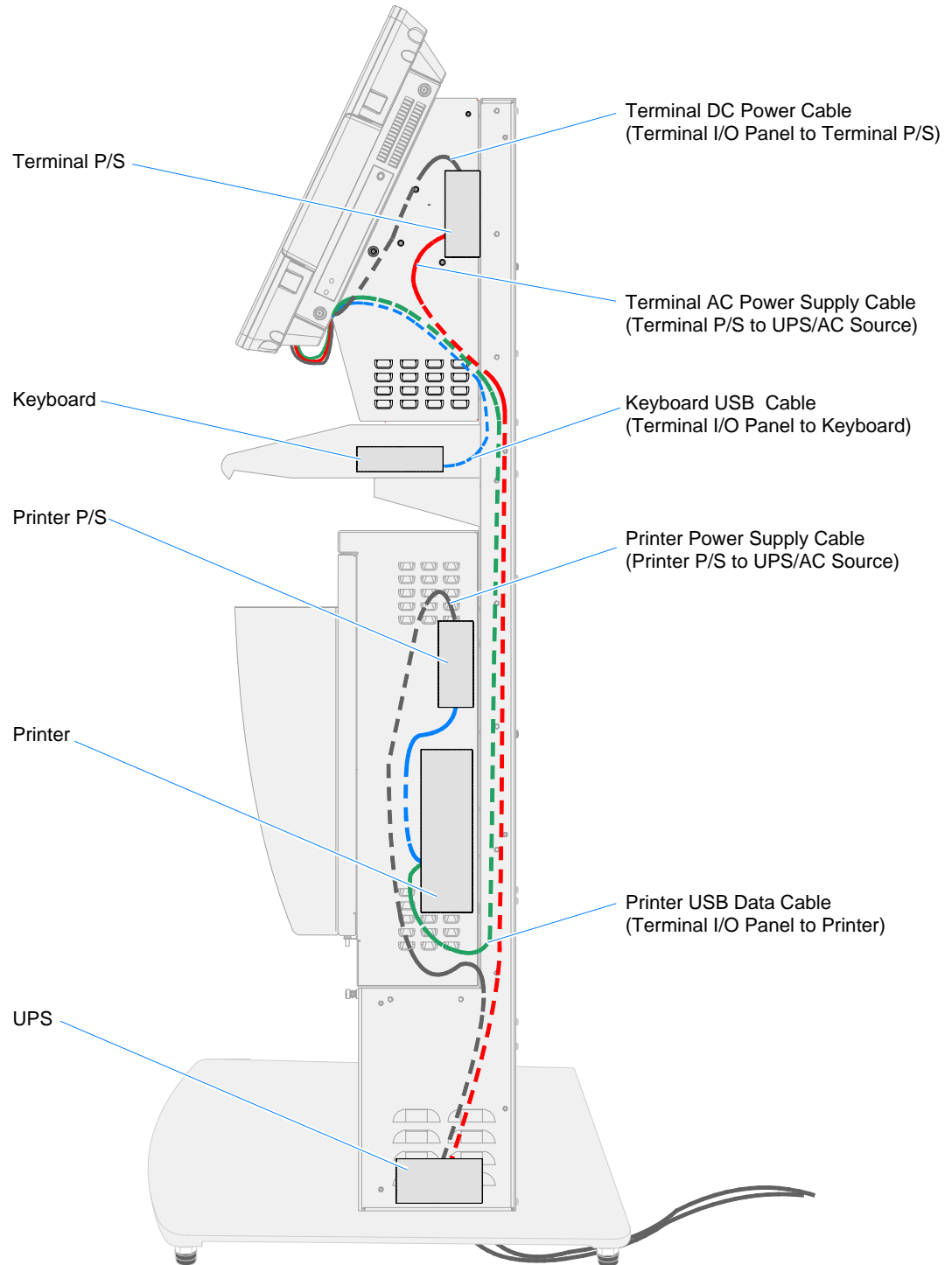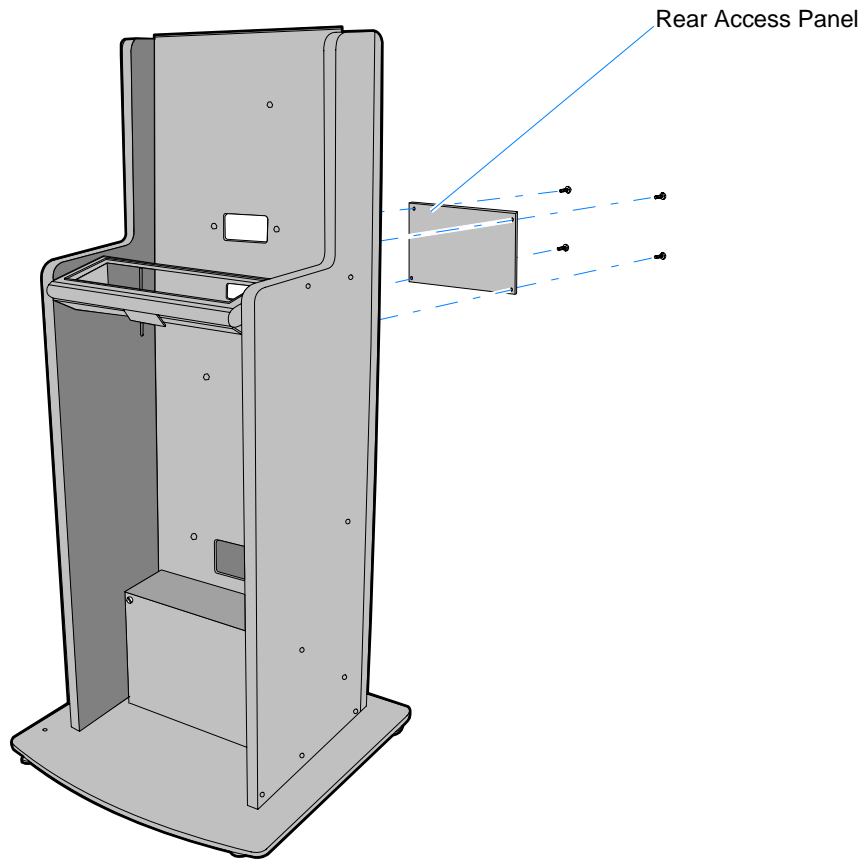
26423

Installation Procedures

Cable Routing

The illustration below can be used to aid in connecting and routing the cables.

Terminal P/S
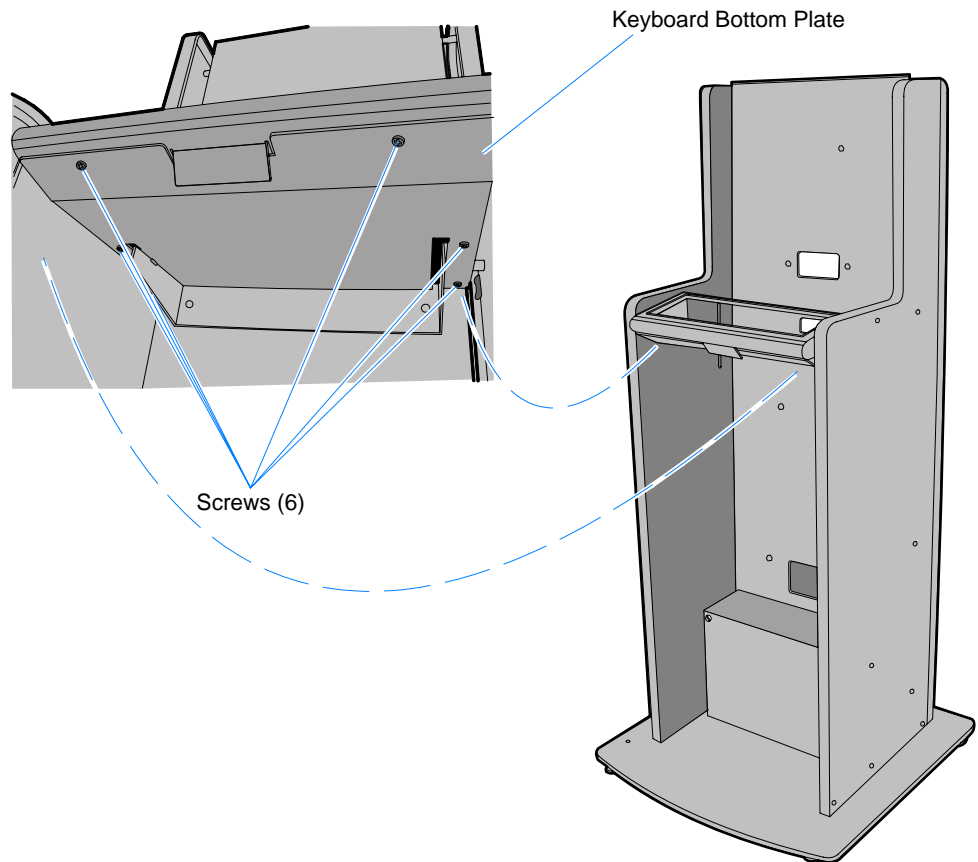
Keyboard

Printer P/S

Printer

UPS

Terminal DC Power Cable
(Terminal I/O Panel to Terminal P/S)

Terminal AC Power Supply Cable
(Terminal P/S to UPS/AC Source)

Keyboard USB Cable
(Terminal I/O Panel to Keyboard)

Printer Power Supply Cable
(Printer P/S to UPS/AC Source)

Printer USB Data Cable
(Terminal I/O Panel to Printer)

26668

Before beginning remove the Rear Access Panel to help with routing the cables.

Rear Access Panel

26669

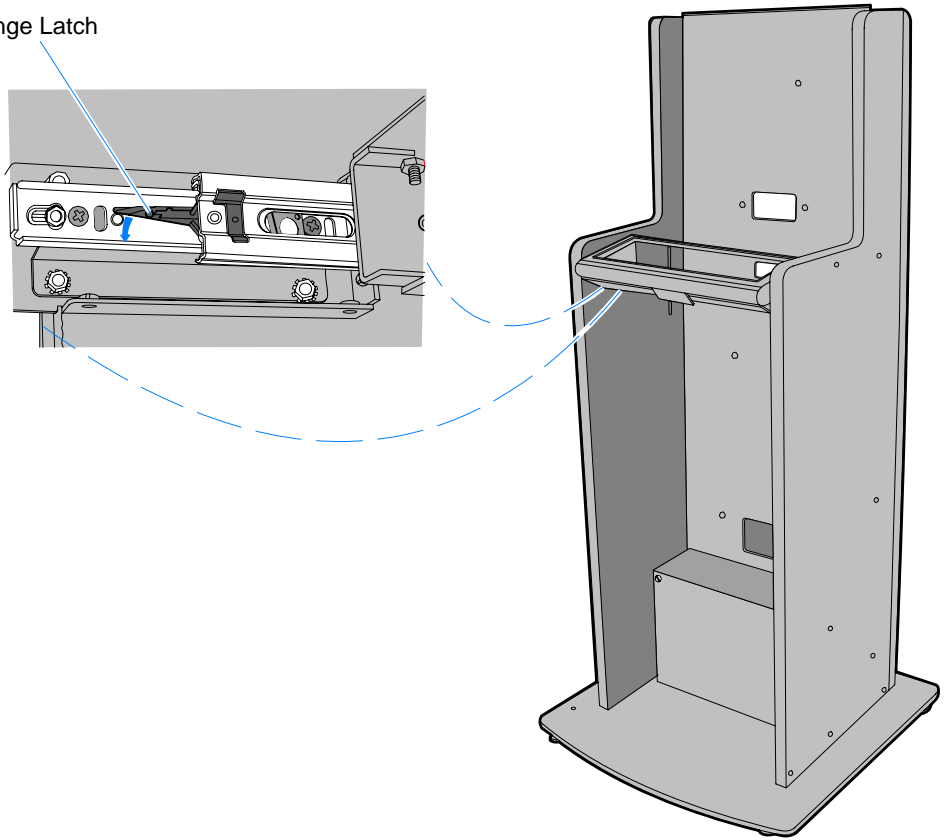# Installing the Keyboard

1. Remove the Keyboard Shelf Assembly from the Pedestal.

   a. Remove the Keyboard Bottom Plate (6 screws).

Keyboard Bottom Plate

Screws (6)

26489

b. Release the two hinge latches and remove the Keyboard Housing from the Keyboard Bracket. The latch on the left hinge is pivoted downward to release it as shown below. The latch on the right hinge is pivoted upward.
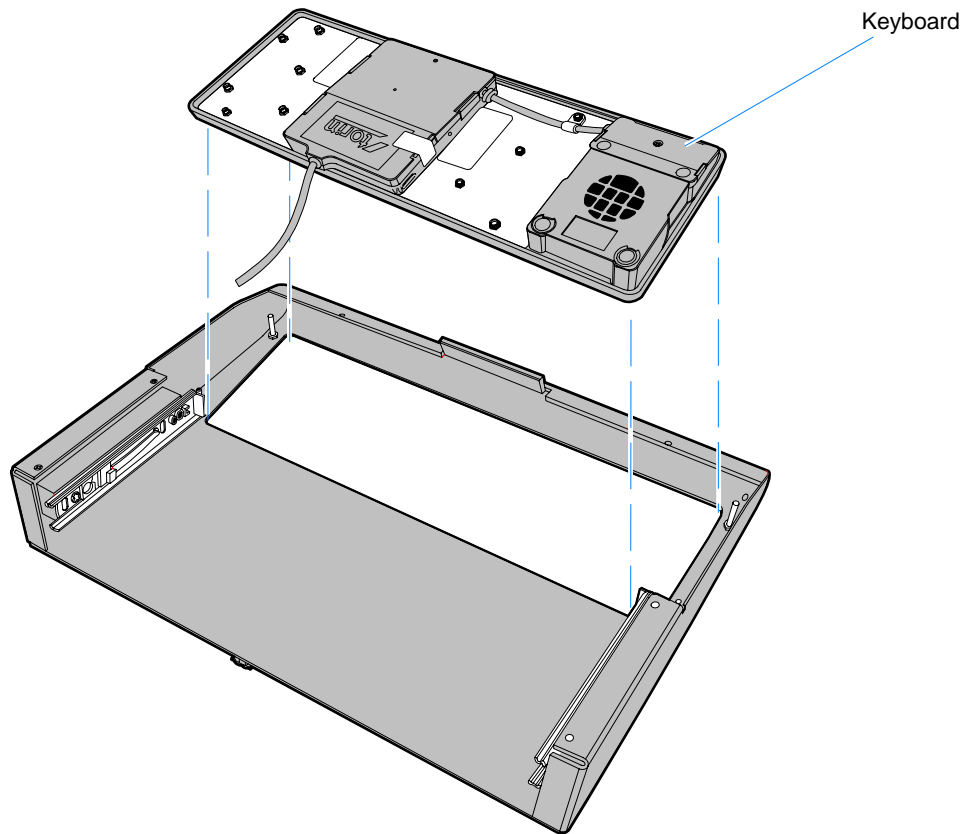
Left Hinge Latch

26447

2. Turn the keyboard over and remove the two Keyboard Hold-Down Plates from the Keyboard Housing (2 hex nuts each).

Note: The plates are upside down in shipping. When you re-install them they are flipped over to secure the Keyboard properly.

Keyboard Hold-Down Plates

26452
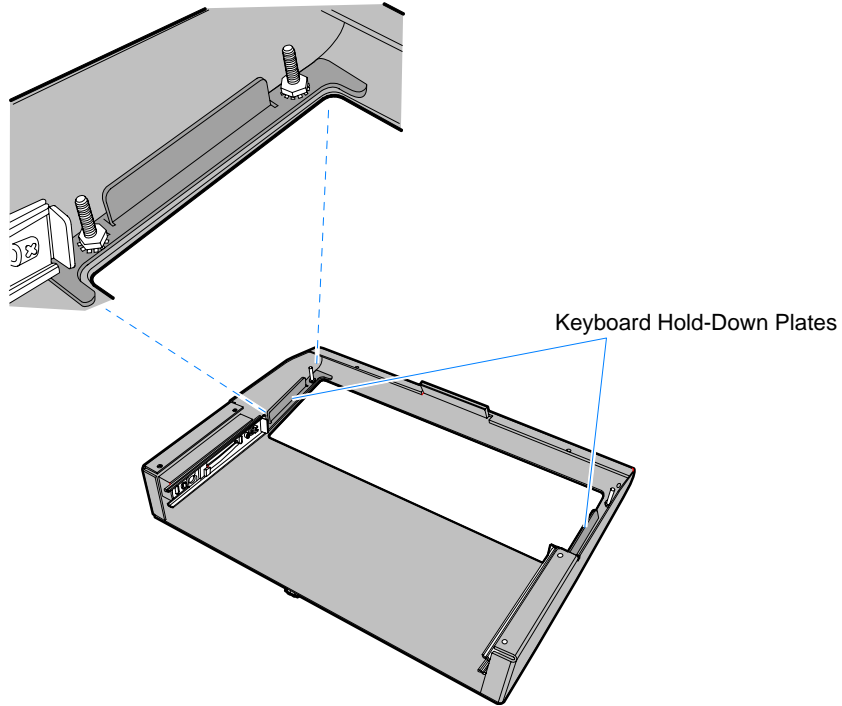
3. Insert the Keyboard in the Keyboard Frame.

Keyboard

26449

4. Secure the Keyboard with the Keyboard Hold-Down Plates. Note the proper orientation of the plates (turned over tabs pointing downward).

*Plate Orientation*

Keyboard Hold-Down Plates
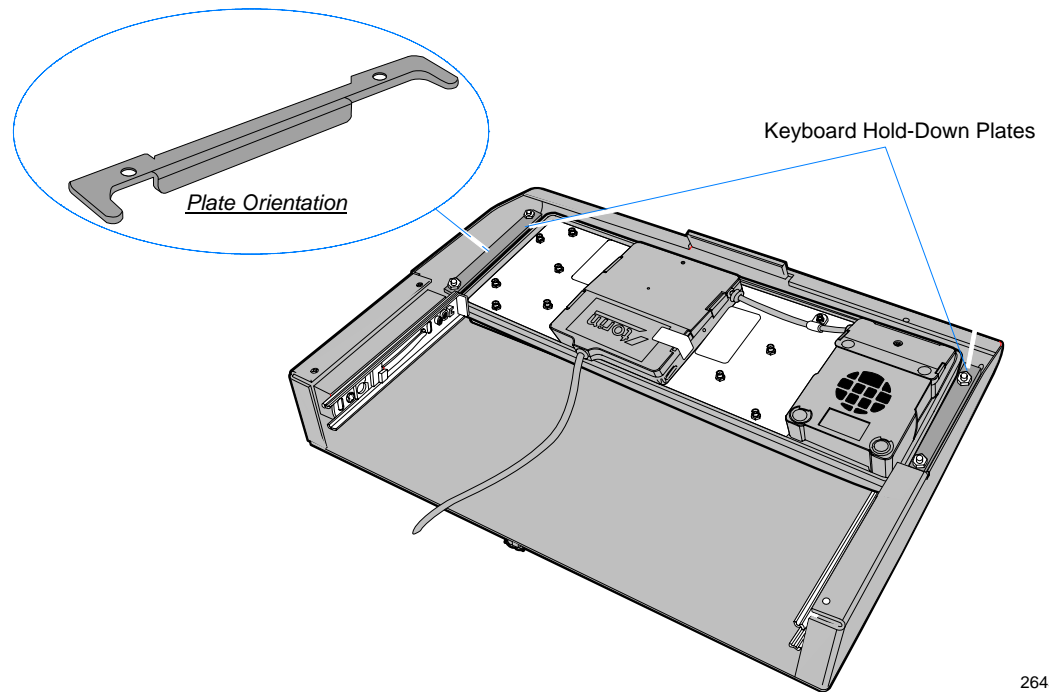
26450

5. Route the Keyboard Cable through the Keyboard Bracket and out the hole in the Pedestal.

6. Align the Sliding Hinges on the Keyboard with the Sliding Hinges on the Keyboard Bracket and slide the Keyboard onto the Pedestal.

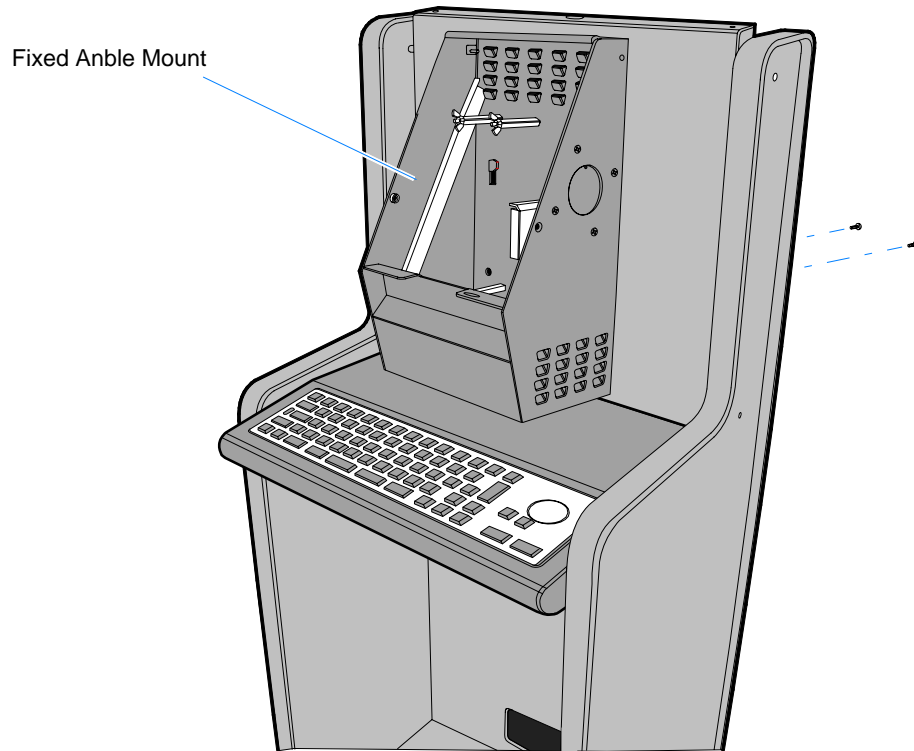*Plate Orientation*

Keyboard Hold-Down Plates
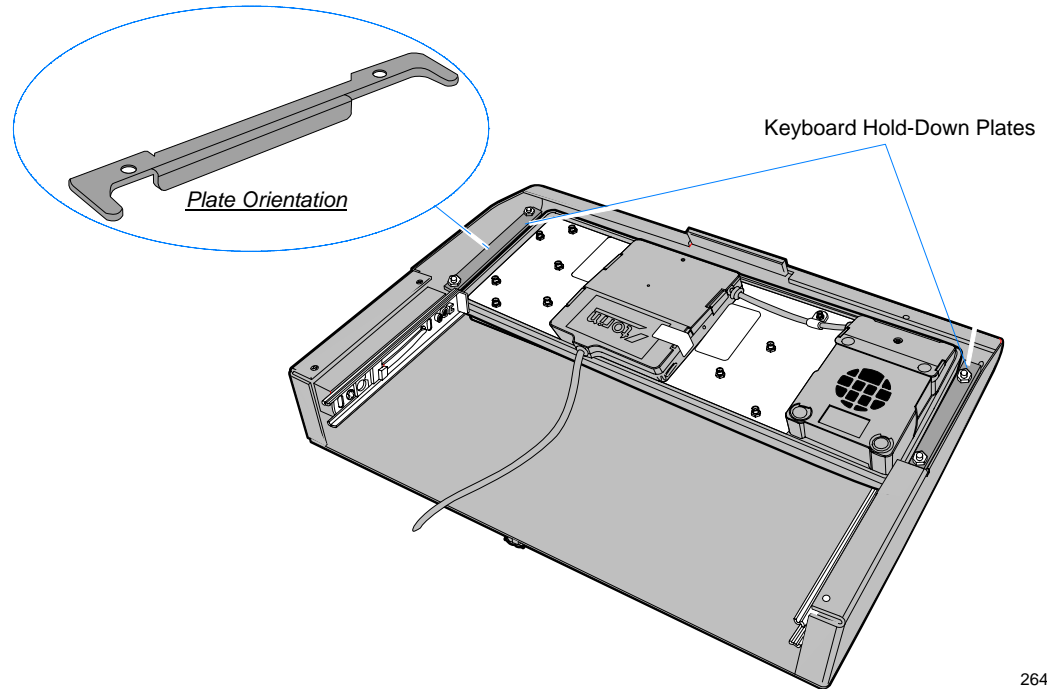
26450

7. Install the Keyboard Bottom Plate (6 screws).

Keyboard Bottom Plate
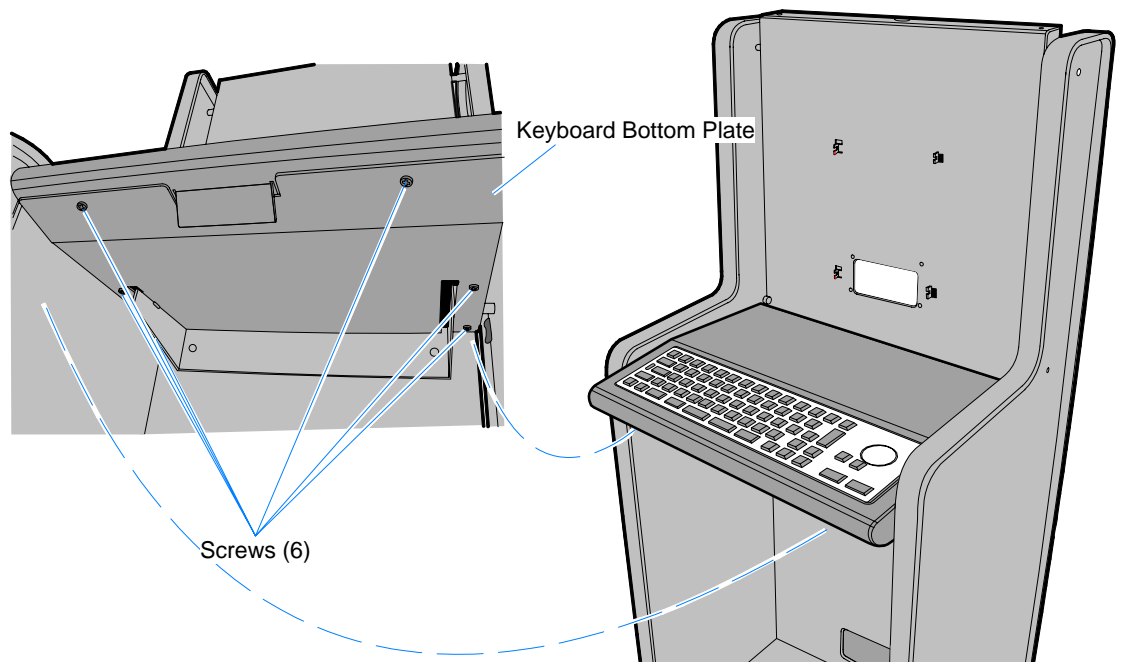
Screws (6)

26428

Installing the Terminal

1. Install the Fixed Angle Mount on the Pedestal. Align the slots on the back of the mount with the hooks on the Pedestal Spine and then lower the mount onto the hooks.
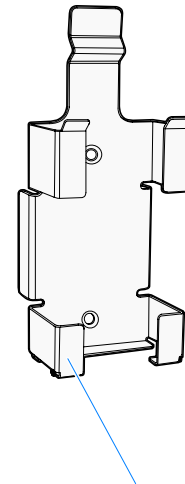
Fixed Anble Mount

26429

2. Secure the Fixed Angle Mount with screws (2) from the rear of the Pedestal Spine.

3. The 7409 Power Supply Bracket is pre-installed in the Fixed Angle Mount. If you are installing a 7404 replace the bracket with the 7404 Power Supply Bracket (2 screws).
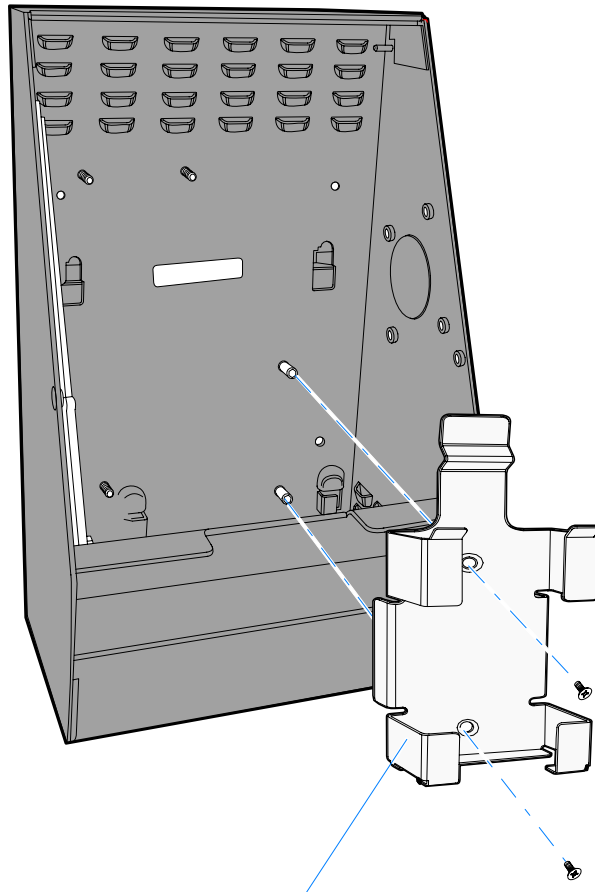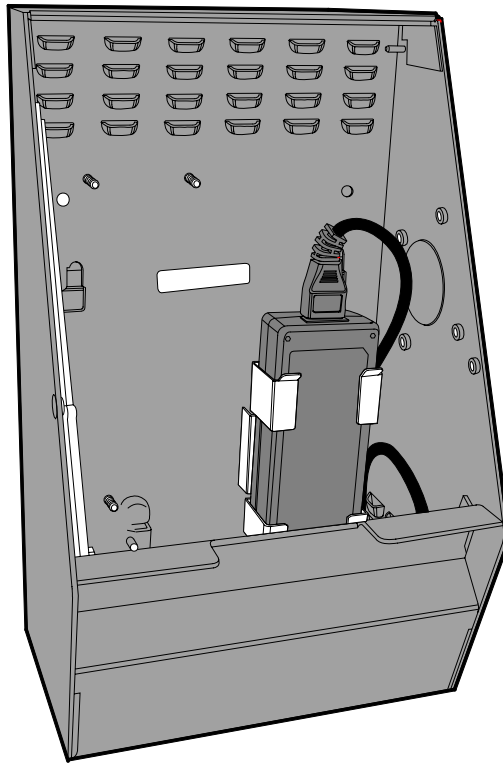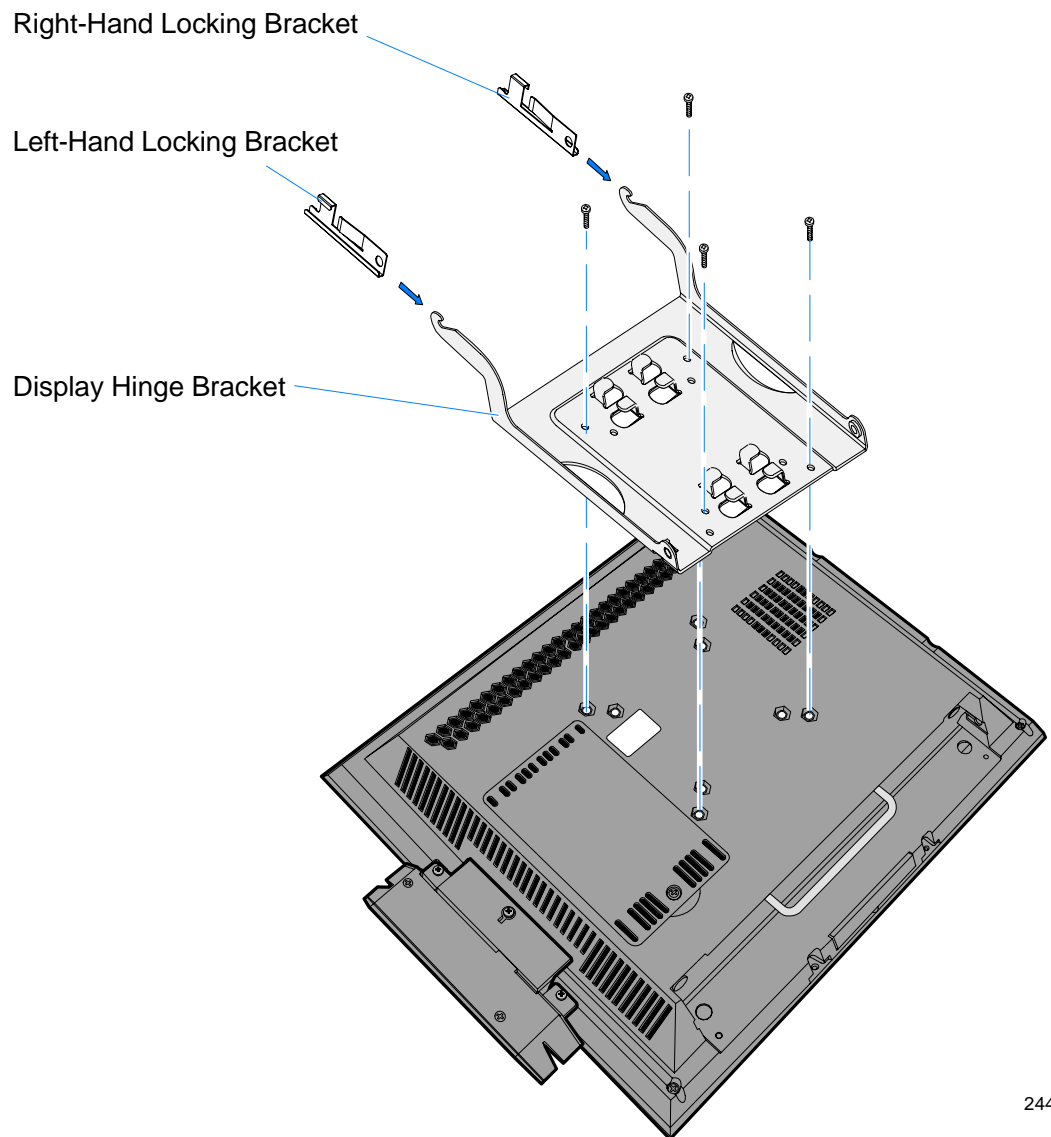

7409 Power Supply Bracket   7404 Power Supply Bracket

26307

4. Insert the Power Supply into the bracket and connect the AC Power Cord.

24632

5. Install the Display Hinge Bracket on the back of the terminal with screws (4).

Right-Hand Locking Bracket

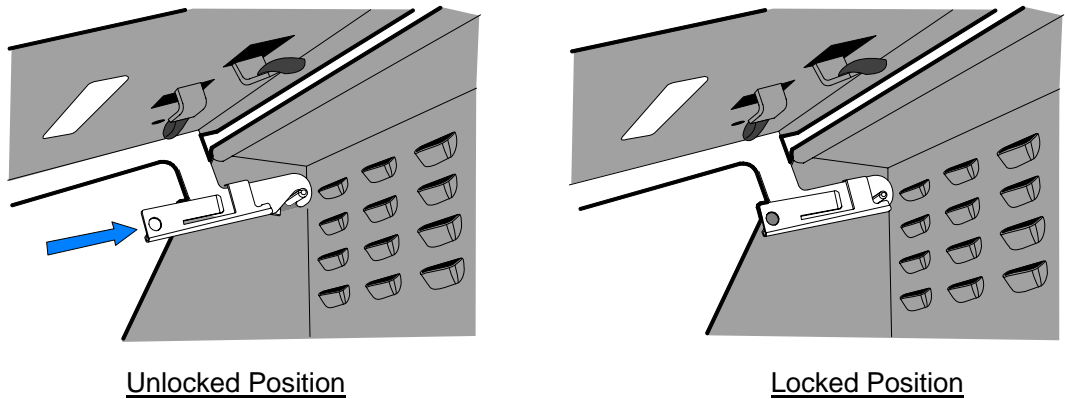Left-Hand Locking Bracket

Display Hinge Bracket

24447

6. Slide the Locking Brackets onto the hooked extensions of the bracket.

7. Install the terminal on the Fixed Angle Mount. Hook the Display Hinge Bracket extensions onto the two studs in the bracket.
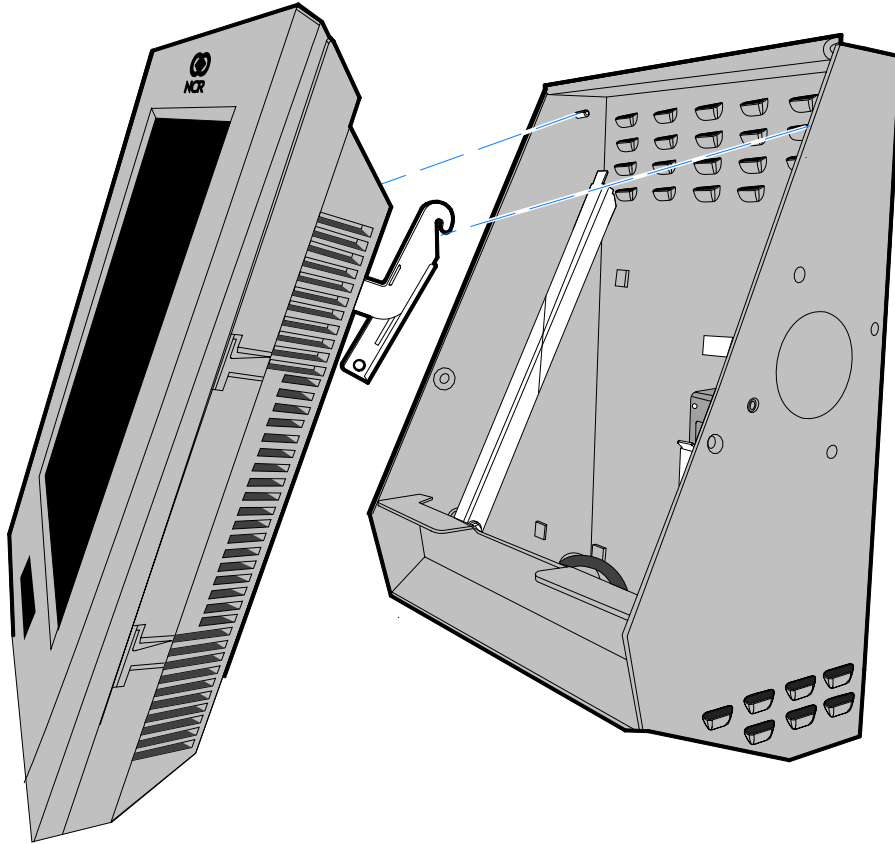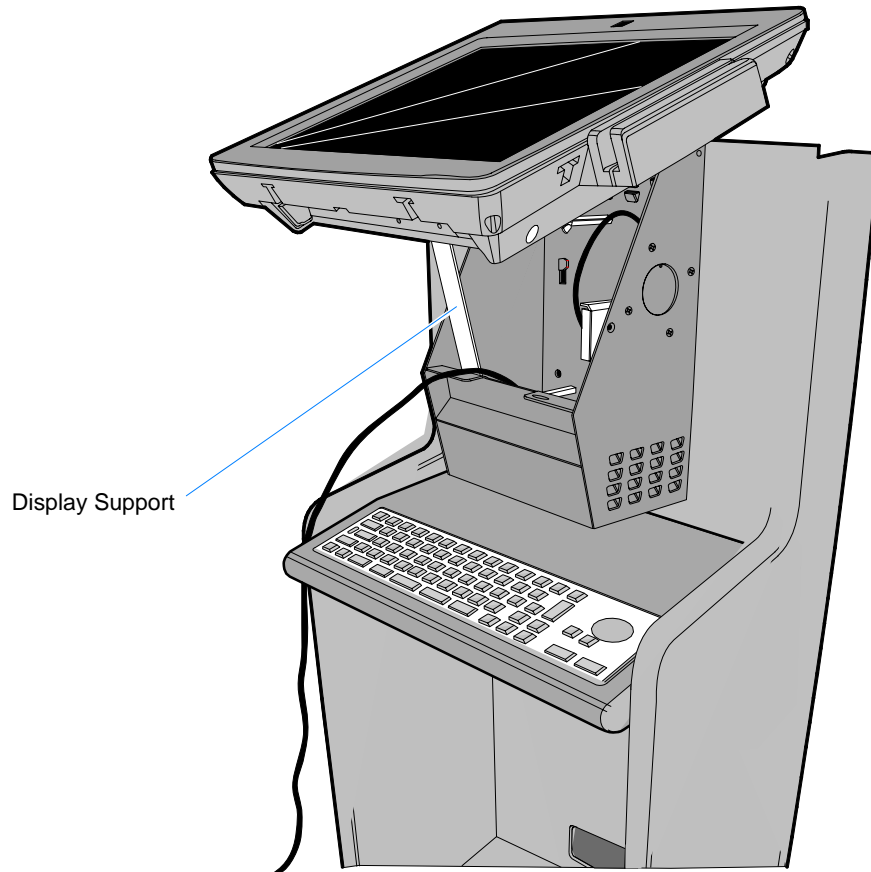
24629a

8. Slide the Locking Brackets to the *locked* position.

Unlocked Position   Locked Position
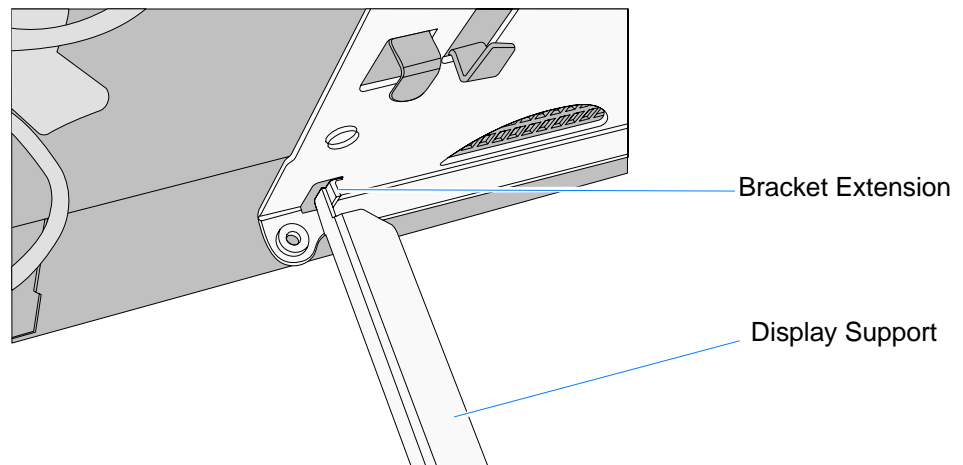
24444

9. Rest the bottom of the display on the Display Support.

Display Support

26433

Note: Place the Display Support securely behind the Bracket Extension on the Display Hinge Bracket.

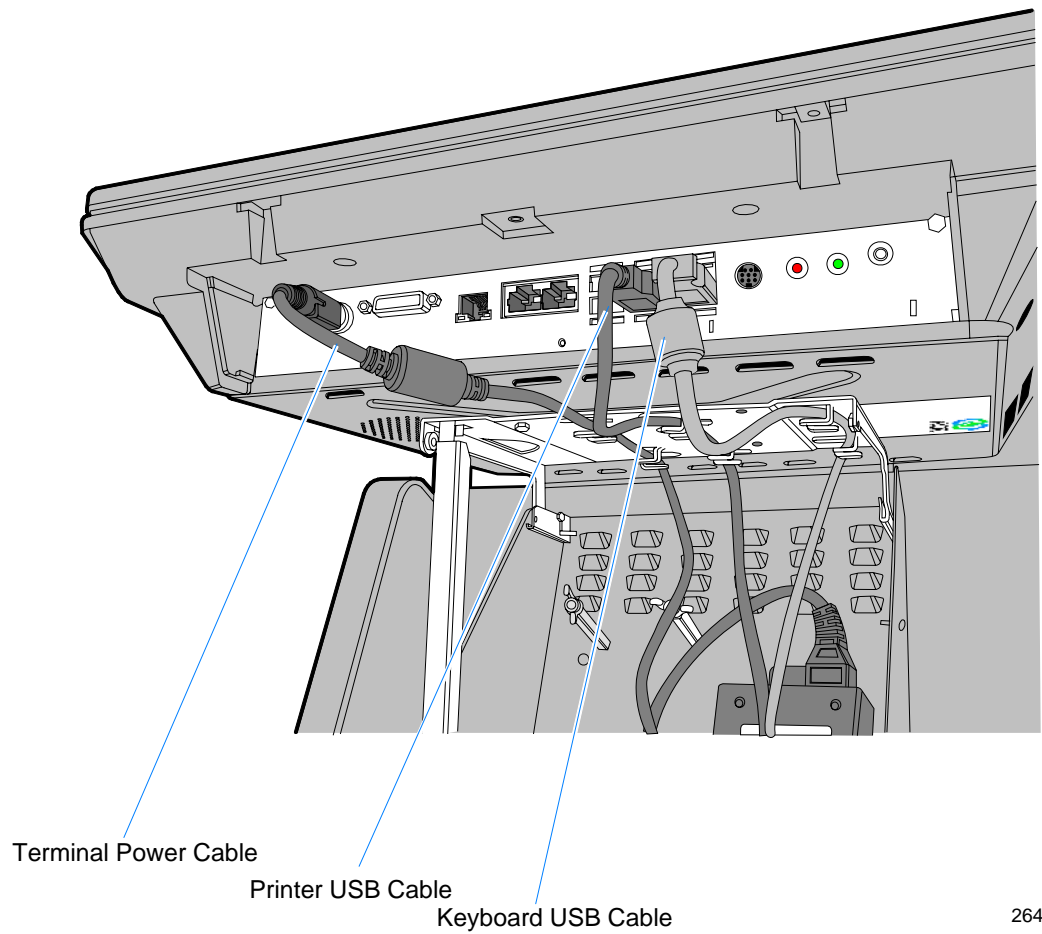Bracket Extension
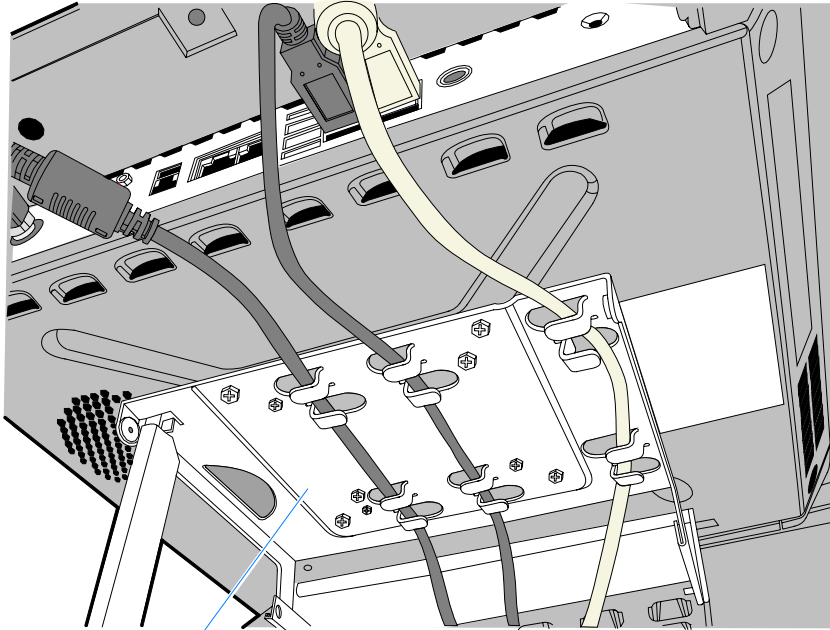
Display Support

24753

10. Connect the Cables to the terminal.

    7409

    a. Remove the Cable Cover (1 screw).

    b. Connect the Terminal Power Supply Cable, the Printer USB Cable, and the Keyboard USB Cable to the I/O Panel.

Terminal Power Cable

Printer USB Cable

Keyboard USB Cable

26445

c. Secure the cables under the Hinge Bracket tabs.
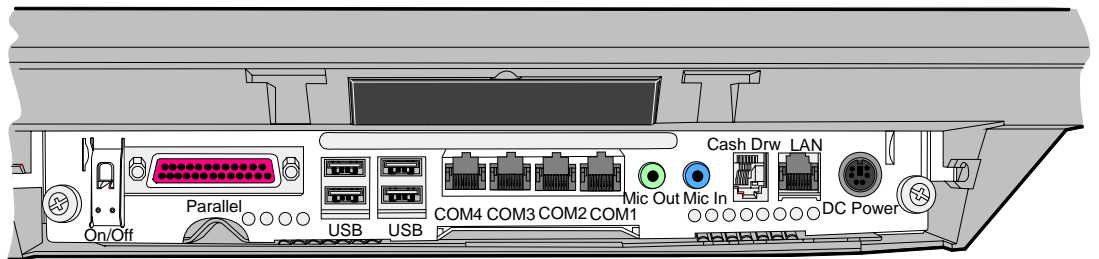

Hinge Bracket

26444

d. Install the Cable Cover (1 screw). Route the cables out the slots in the cover.

7404

a. Remove the Cable Cover (2 thumbscrews).

b. Connect the Terminal Power Supply Cable, the Printer USB Cable, and the Keyboard USB Cable to the I/O Panel.

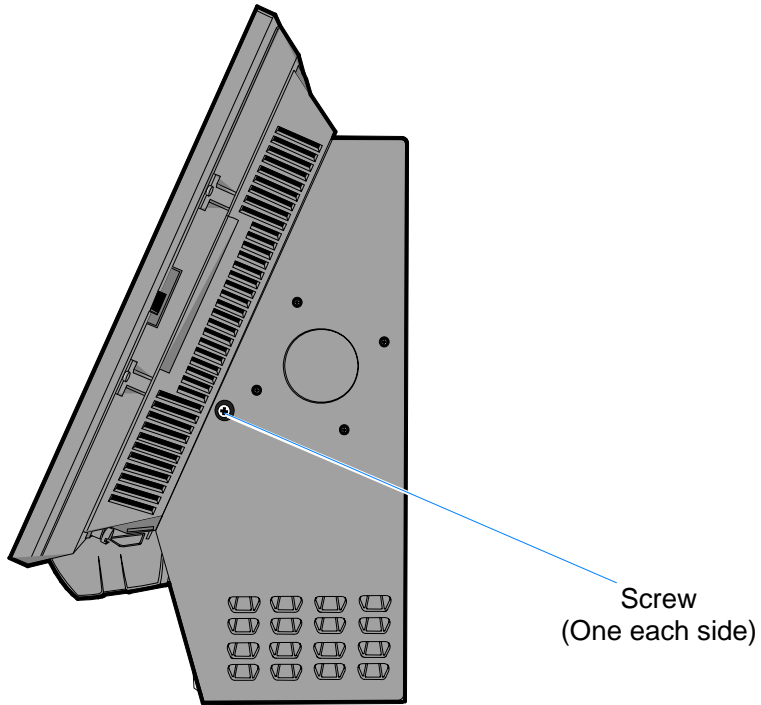23719a

c. Install the Cable Cover (2 thumbscrews). Route the cables out the slots in the cover.

11. Route the external cables (AC Power Cord, Printer USB, and LAN) out the opening in the back of the Fixed Angle Mount and down the Pedestal Spine.

12. Close the display and secure it with screws (2) in the sides of the Fixed Angle Mount.
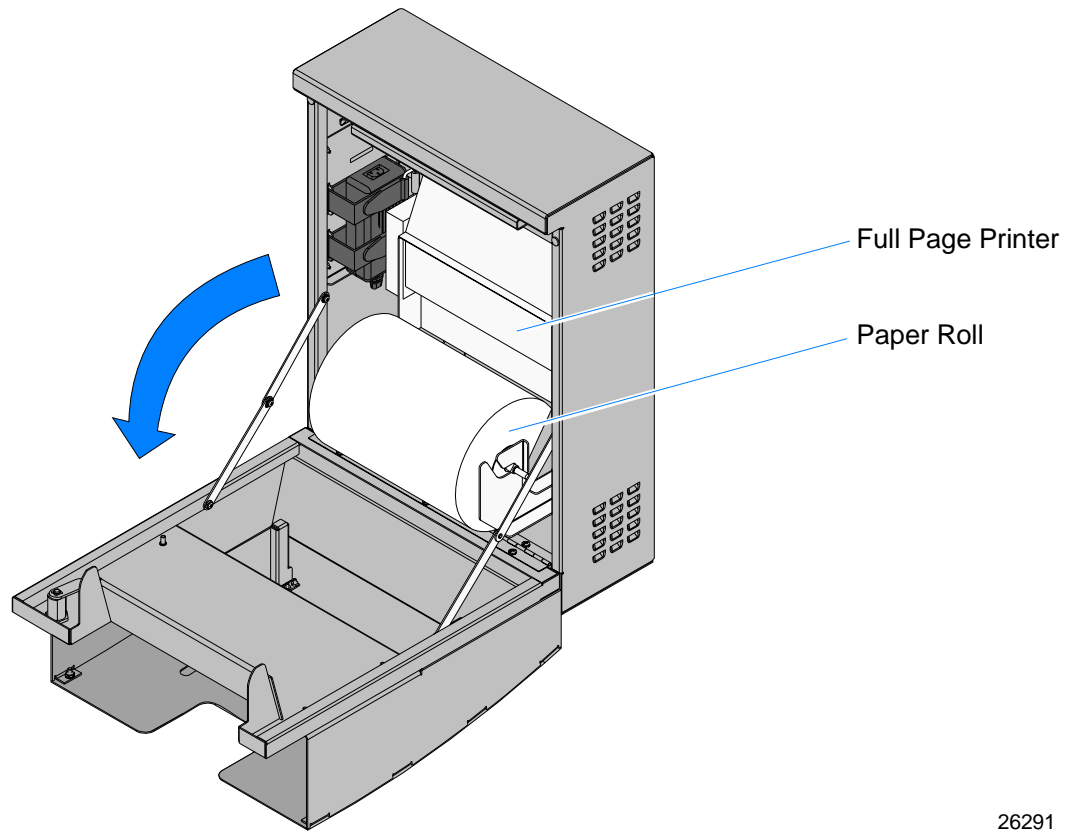
Screw
(One each side)

24627

Installing the 7402-K596 ITK-38 Full-Page Printer

1. Unlock the Keylock (Security Key) and open the Printer Door.

2. Remove the Paper Roll.

Full Page Printer

Paper Roll

26291
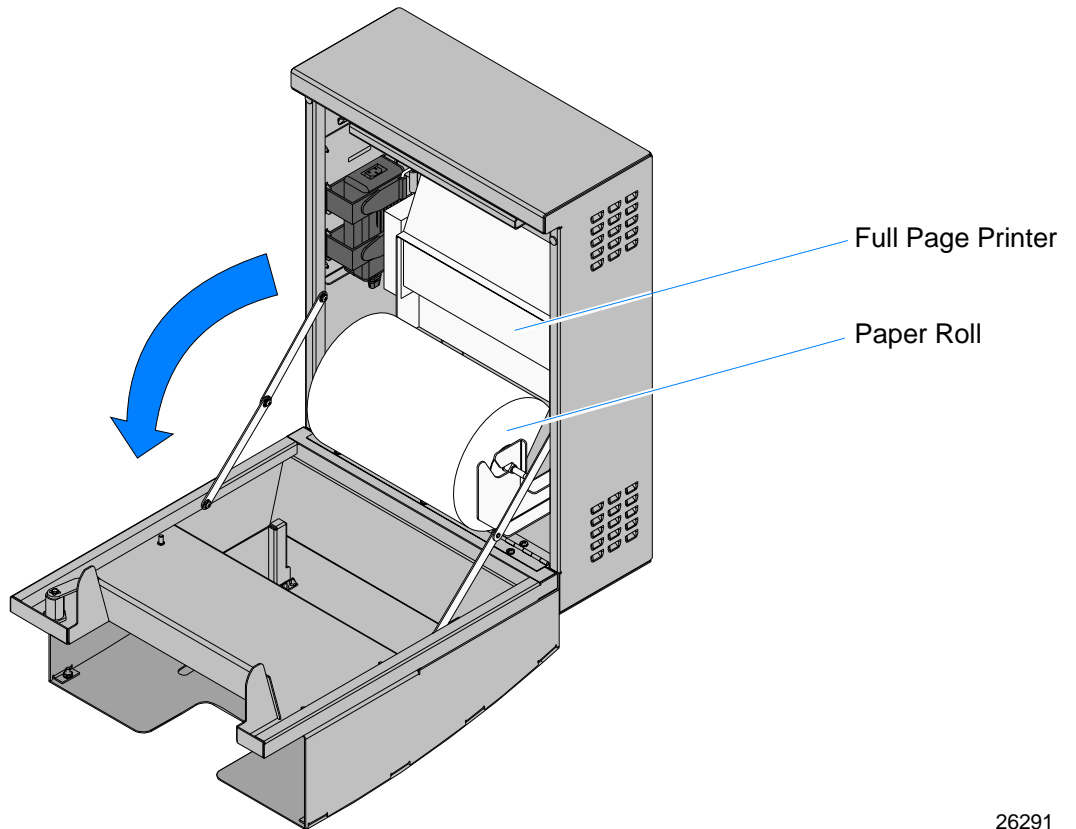
3. Turn the Keylock to the *Open* position and open the Printer Door.

4. Remove the Paper Roll.
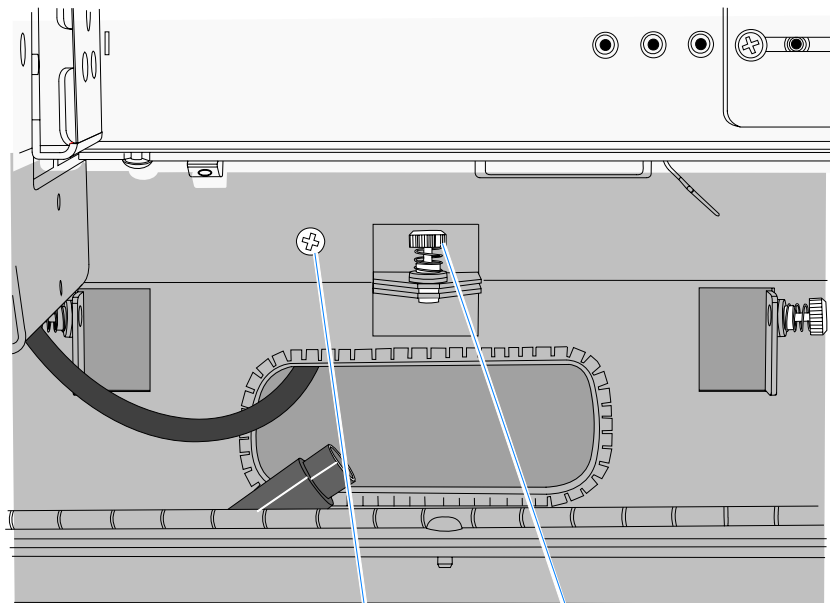
Full Page Printer

Paper Roll

26291

5. Remove the Full-Page Printer from the cabinet.

    a. Disconnect the DC Power Cable from the bottom of the Full-Page Printer.
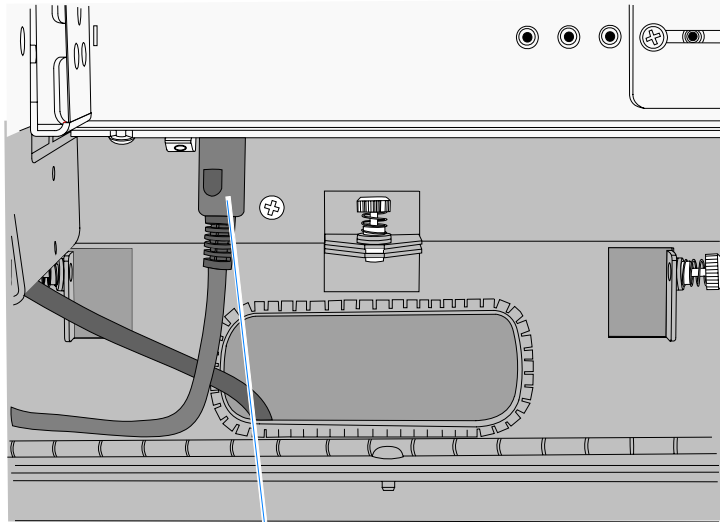
DC Power Cable

25450a

    b. Remove the Shipping Screw.

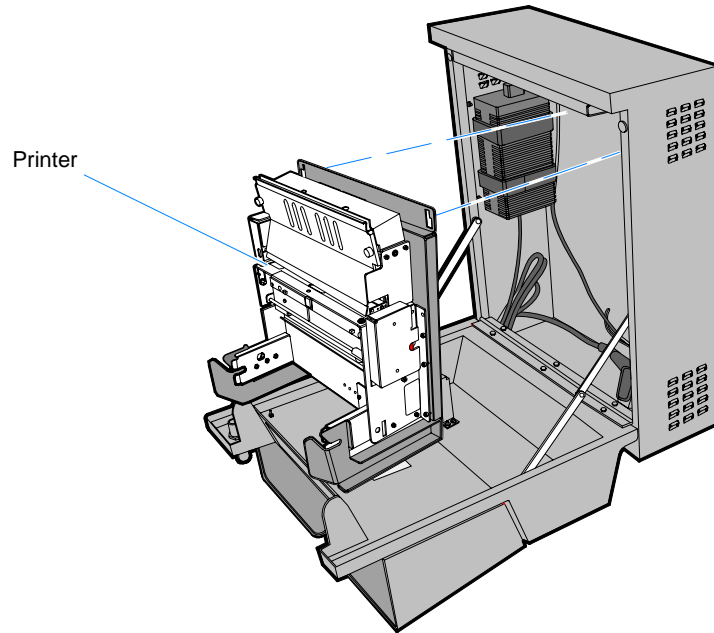   c. Loosen the thumbscrew that secures the Full-Page Printer.

Shipping Screw   Printer Thumbscrew
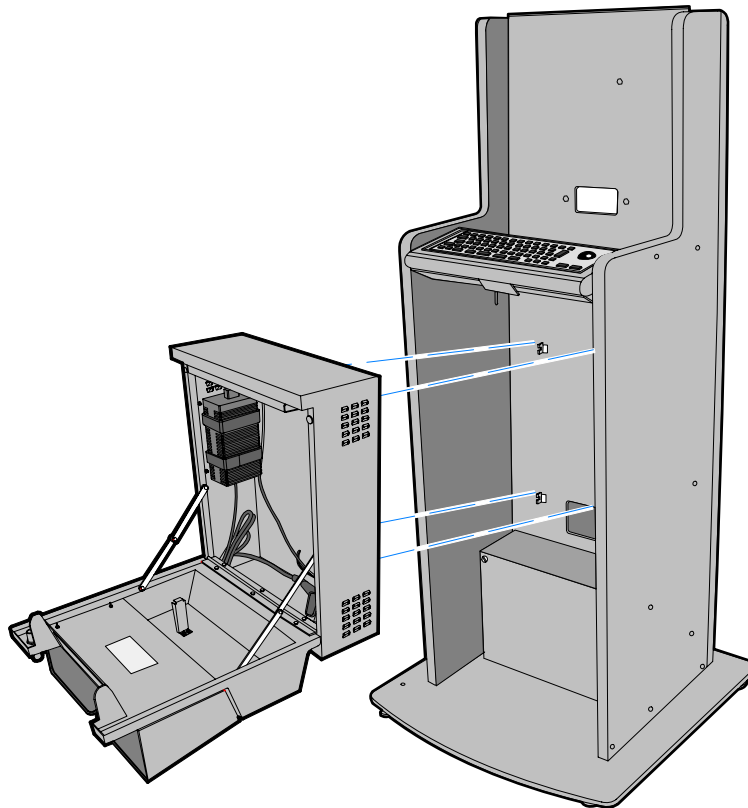
23633

d. Slide the Full-Page Printer up slightly to disengage it from the hooks in the top of the cabinet and remove it from the cabinet.

Printer

26666

6. Install the Printer Cabinet. Align the slots on the back of the Printer with the hooks on the Spine and then lower the Printer onto the hooks.

26667

7. Tighten the thumbscrews (2) that secure the Printer Cabinet.

Printer Cabinet Thumbscrews
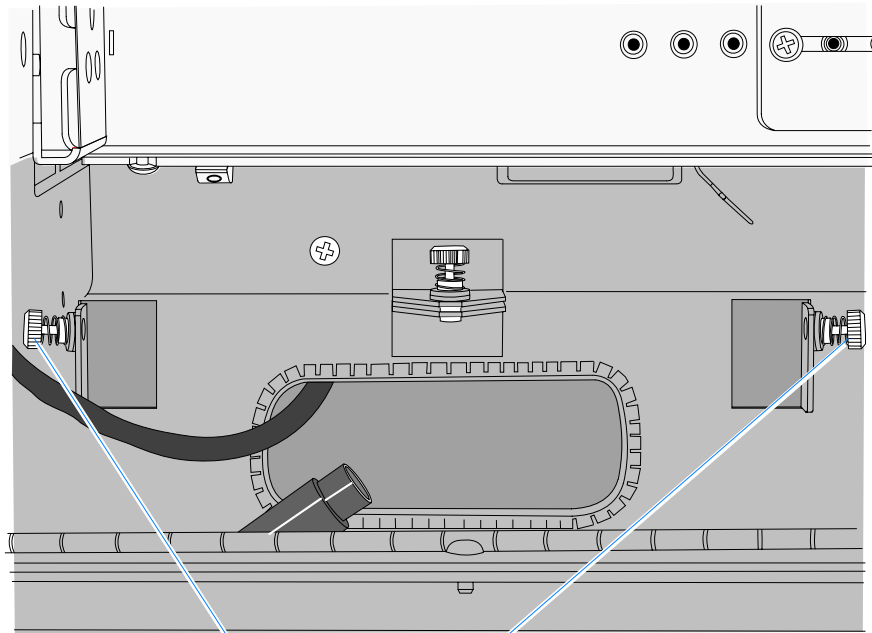
23700

8. Re-install the Full-Page Printer module in the Printer Cabinet. Align the slots on the back of the Printer with the hooks on the Printer Cabinet and then lower the Printer onto the hooks.

9. Secure the printer by tightening the thumbscrew below the printer.
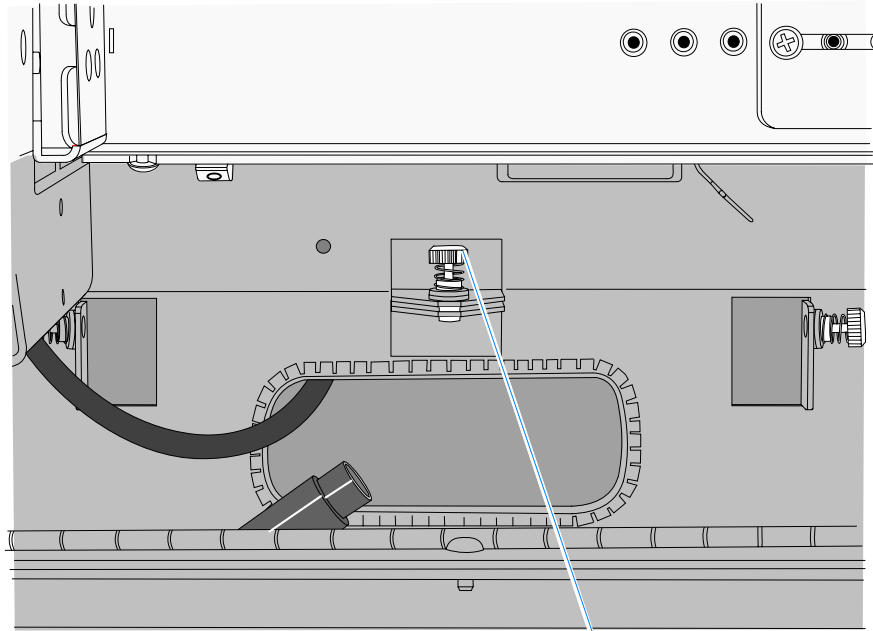
Printer Thumbscrew

23701

10. Connect the Printer DC Power Cable and theUSB Cable to the Full-Page Printer.

DC Power Cable   USB Cable   25450

11. Close the Printer Door and lock the Keylock.

Using the Full Page Printer

Loading the Paper

1.   Place the paper roll on the spindle.

23933

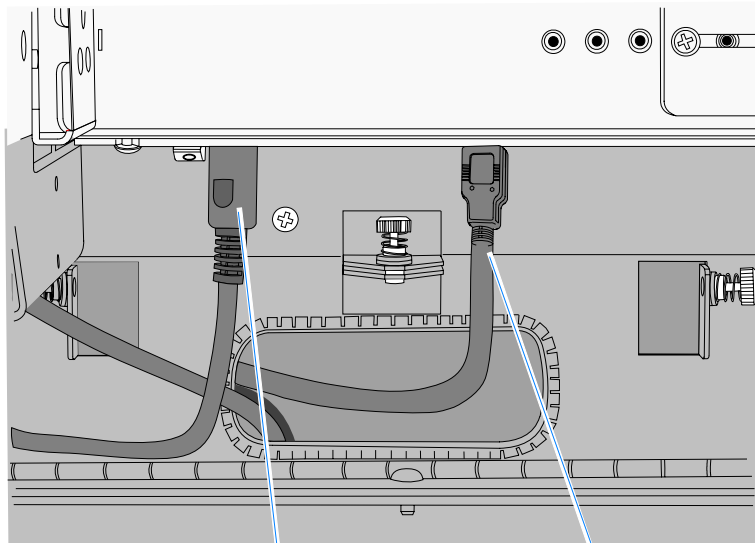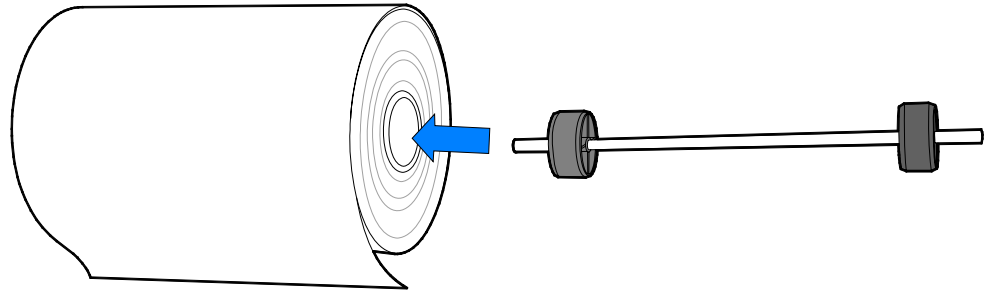2. Place the Print Head Lever in the downward position.

3. Place the roll of paper in the Cabinet Door with the paper feeding off the bottom of the roll toward the printer.

4. Pull out approximately 300 mm (12 in.) of slack in the paper.

5. Apply power to the printer. A long beep is sounded indicating the printer is ready to accept paper.

6. Feed the paper into the Paper Guide until it is detected by the Paper Sensor, which activates the paper loading operation. The paper is fed up through the Paper Guide and cut to length.

Print Head Lever (Down Position)

25454
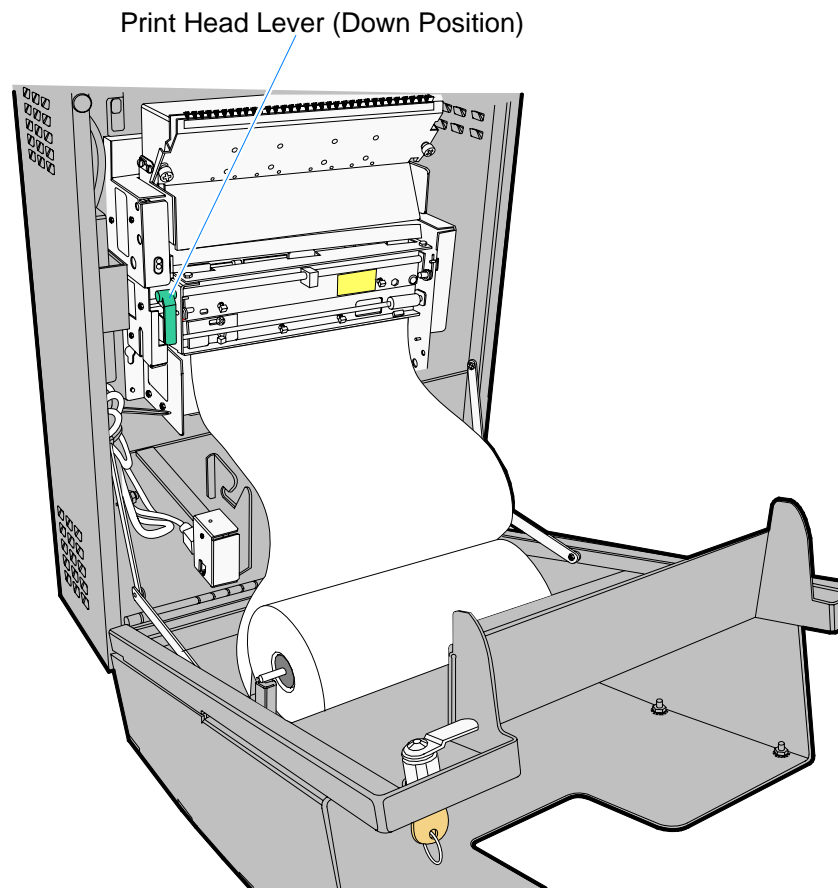
7. Place the roll of paper in the paper roll holders. Make sure the spindle shaft is completely seated in the slots (see arrow).

Paper Roll Shaft
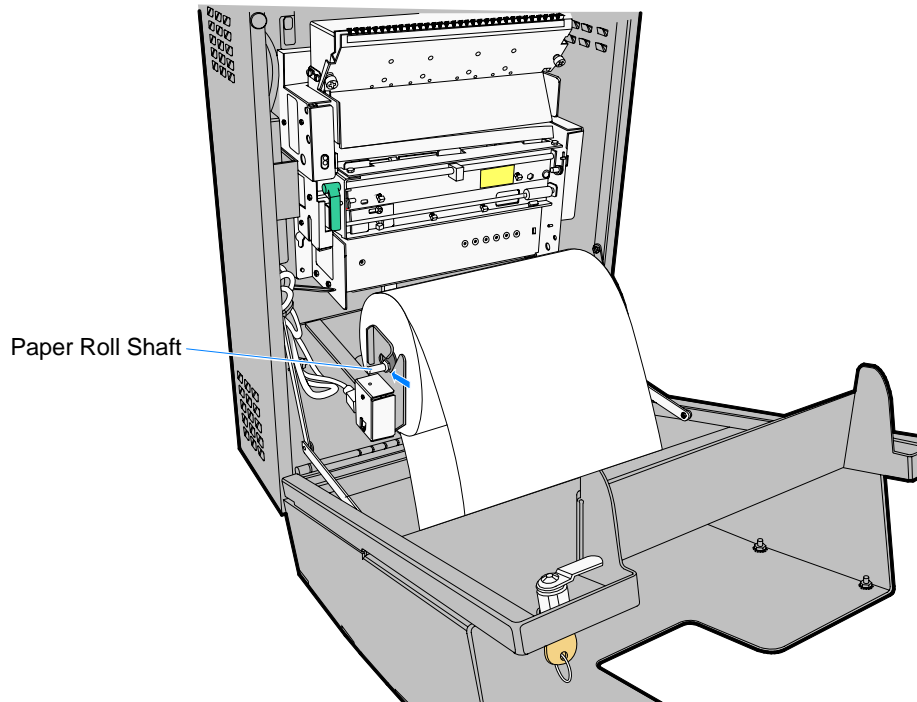
25452

8. Remove the slack in the paper by rotating the roll.
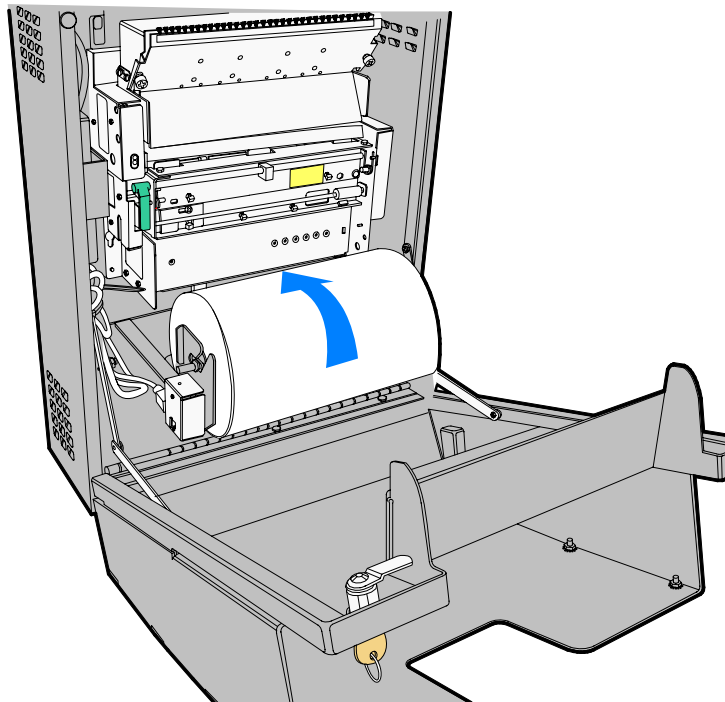
25453

9. Close the Cabinet door and lock it.

Removing Paper from the Printer Feed Rolls

If paper becomes jammed in the printer feed rolls:

1. Lift the Print Head Lever.

Print Head Lever
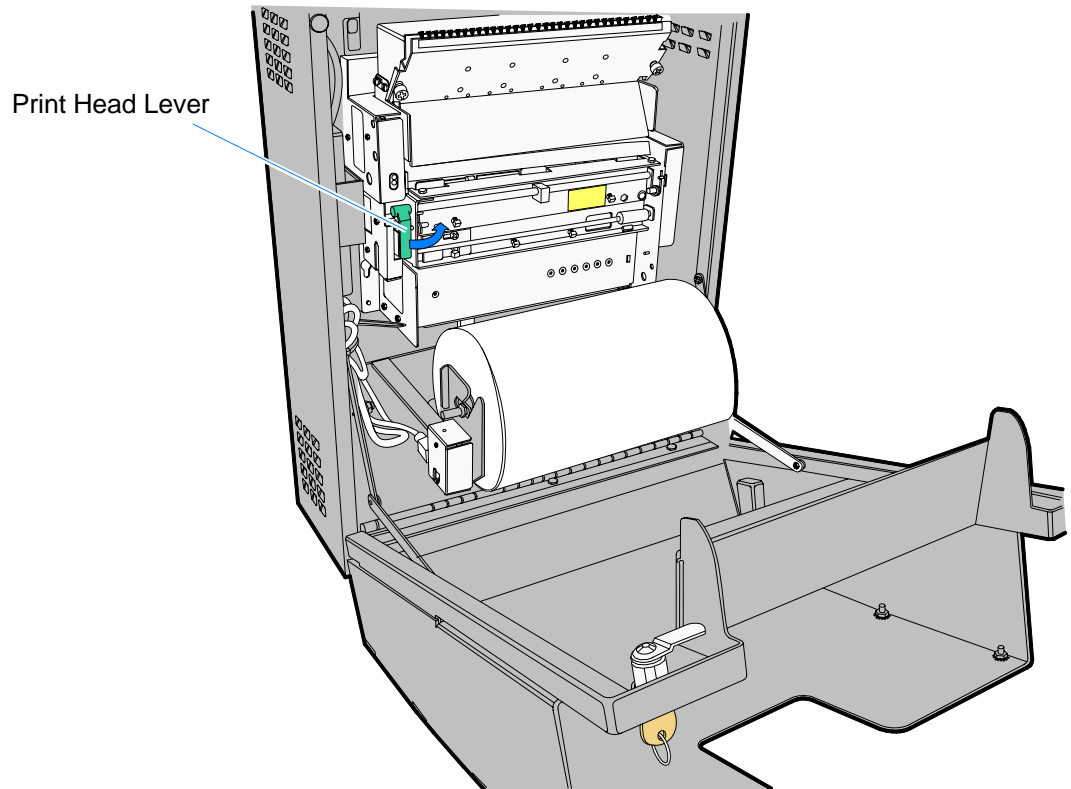
25469

2. Loosen the two thumbscrews and remove the Front Paper Guide Cover.

3. Remove the paper.

Removing Power from the Printer

Use either of the following methods to remove power:

- Press the On/Off Switch to the *Off* position.

- Unplug the Printer Power Supply.

On/Off Switch

Printer Test/Display Panel

READY

POWER
PAPER

ATTN
ERR

FORM   LINE
FEED   FEED   TEST SELECT

F3   F2   F1   F0

25455

Display LED Indicators

The LEDs provide the following status information:

PAPER/POWER (green)

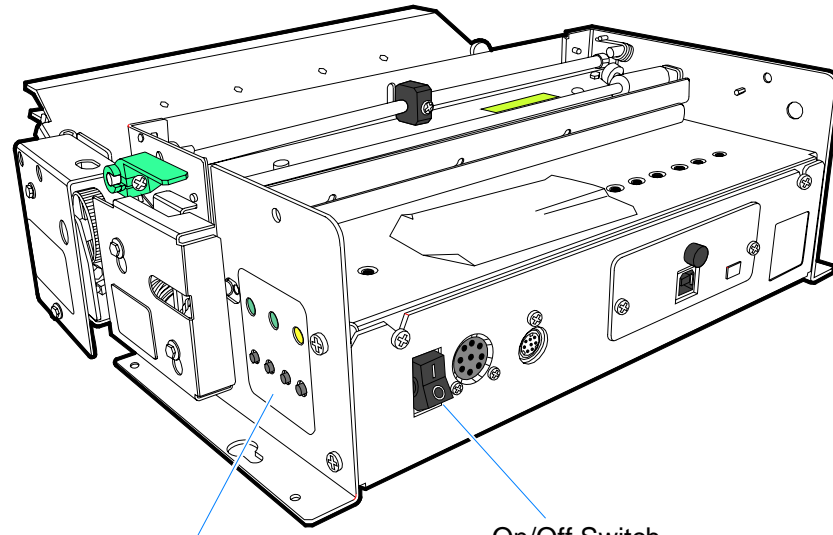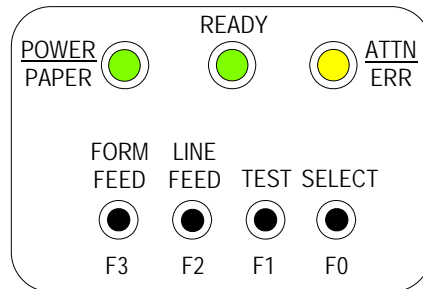| Status	Indication
Printer OK	Very short *Off* blink every 14 seconds
DC power	*On* or *Flashing* when power is on
Paper supply	Rapid *On-Off* 50% cycle flashing when out of paper
Paper low	Rapid *On-Off* 50% cycle flashing when paper low
Diagnostic mode	10 % *On* and 90% *Off* when in diagnostic mode

READY (green)

Status	Indication
System ready	*On* = System ready to accept data *Off* = Not ready
Data flow	During receipt of data, LED *blinks* following state of the Busy signal
Reverse channel	When not printing during IEEE-1284 reverse channel status, LED *blinks* after PtrBus signal flow

ATTN/ERR (yellow)
Used with the buzzer to indicate the following conditions:

Status	Indication
Switch press	Short *flash/beep* when Switch F0-F3 are pressed
System warnings	*Flashing/beeping* to alert operator of low paper or out of paper condition
System error codes	Repeating sequence of coded *flash/beep* tones (used during factory/depot repair)
Normal display	*Off*

Servicing the Full-Page Printer

The 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 7402-K595 Full-Page Printer (ATX-38) Driver Installation Instructions* (B005-0000-1755)

- *NCR 7402-K595 Full-Page Printer (ATX-38) Driver Installation & Troubleshooting Guide* (B005-0000-1756)

- *NCR 7402-K595 Full-Page Printer (ATX-38) User Manual* (B005-0000-1757)

- *NCR 7402-K595 Full-Page Printer (ATX-38) Parts Identification Manual* (B005-0000-1758)