

# Kit Instructions

## Customer Display Post Mount

5975-K833 to K836, 5976-K837/K838, 5977-K831/K832  
Issue A



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## Revision Record

Issue	Date	Remarks
A	Sept 2018	First Issue Combined all Post Mount kits



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# Customer Display Post Mount

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## Introduction

This kit provides the components to mount NCR 5972, NCR 5975, NCR 5976, and NCR 5977 Customer Displays in an integrated configuration or a remote table top mount.

There are eight versions of this kit:

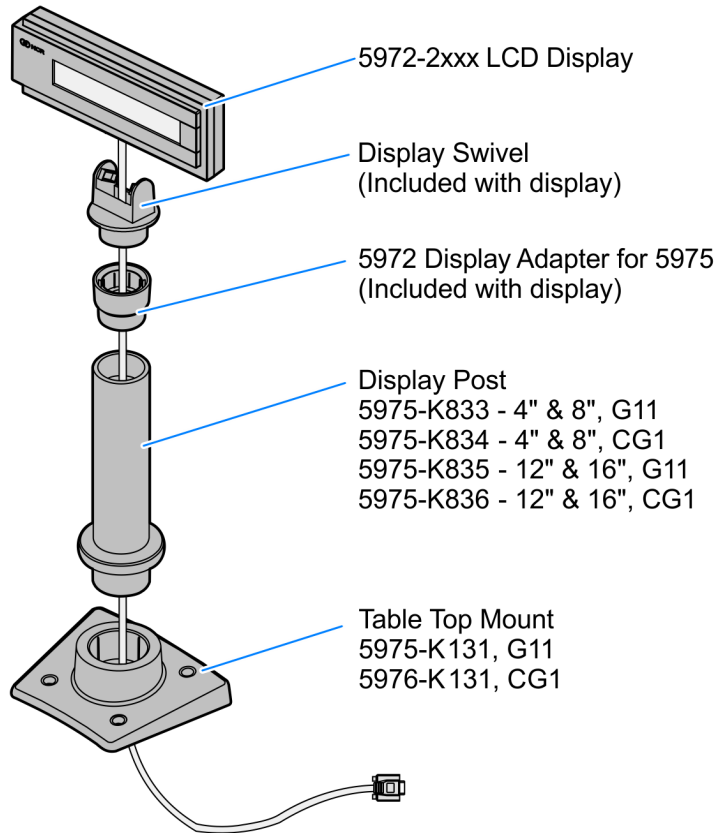
- 5975-K833 – 4" and 8" posts, G11
- 5975-K835 – 12" and 16" posts, G11
- 5975-K834 – 4" and 8" posts, CG1
- 5975-K836 – 12" and 16" posts, CG1
- 5976-K837 – 4" and 8" posts, Black
- 5976-K838 – 12" and 16" posts, Black
- 5977-K831 – 4" and 8" posts, White
- 5977-K832 – 12" and 16" posts, White



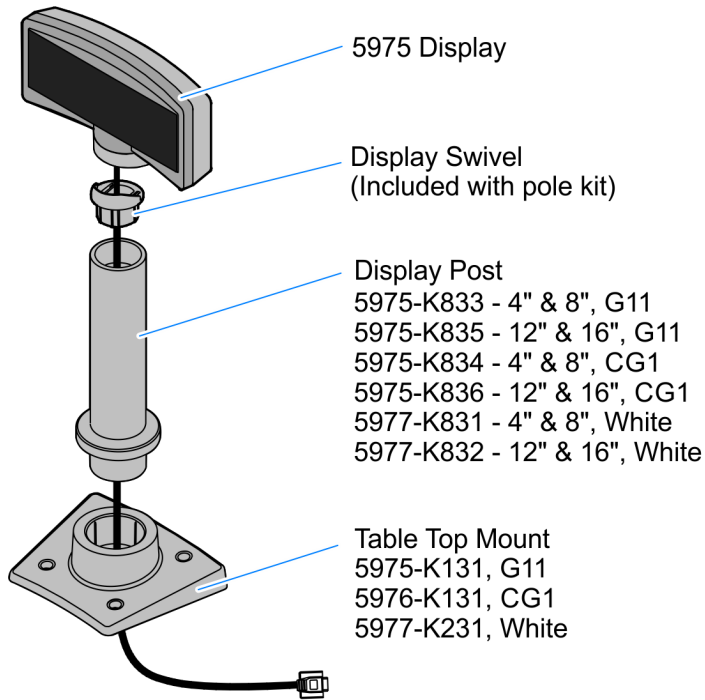
**Note:** A Remote Table Top/Counter Top Mount is also required for remote configurations.

- 5975-K131, G11
- 5976-K131, CG1
- 5977-K131, Black
- 5977-K231, White

## 5972 Customer Display Assembly

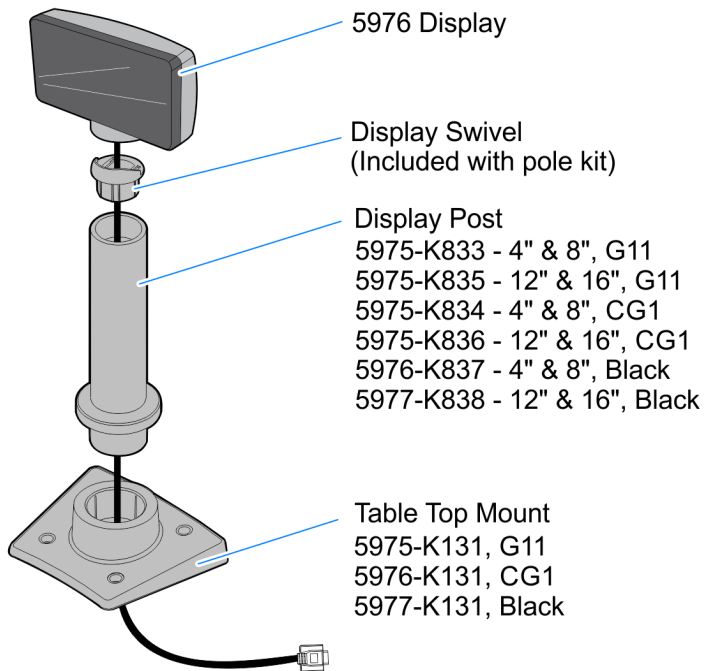


## 5975 Customer Display Assembly



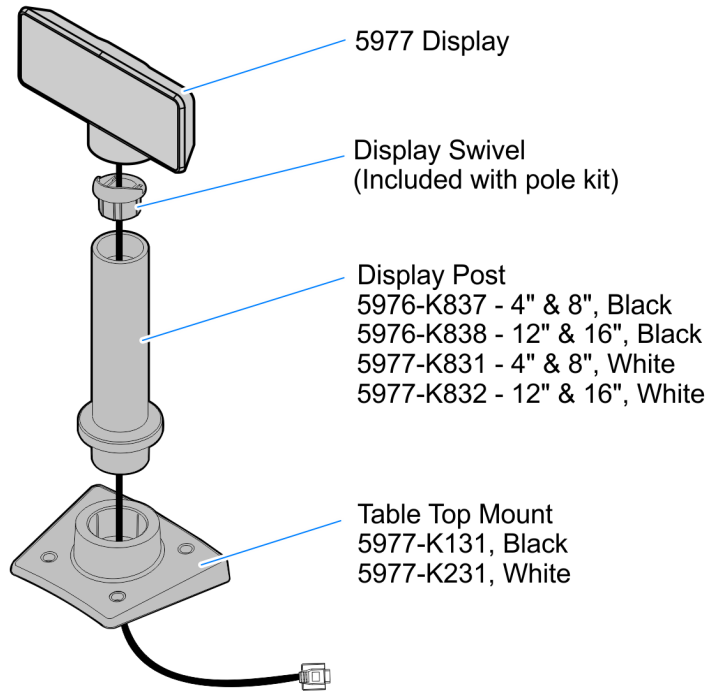
CCP-75604

## 5976 Customer Display Assembly



CCP-75603

## 5977 Customer Display Assembly



CCP-75602



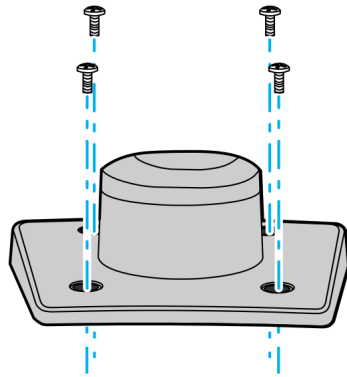
# Installation Procedures



**Note:** This document discusses how to install a Remote Table Top Mount. For integrated configuration, see your terminal User Guide for installation procedures.

## NCR 5972 Customer Displays

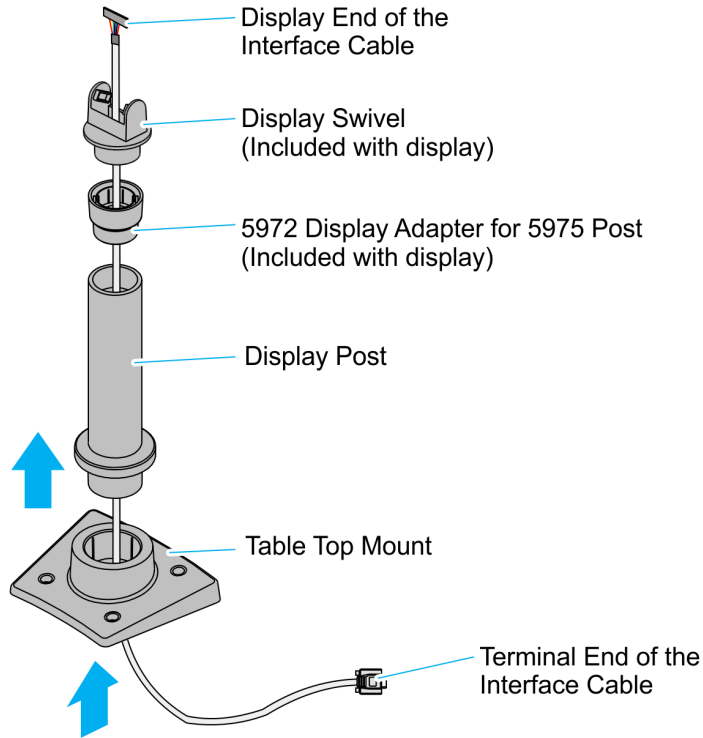
1. Locate the Display Mount within **4 meters** (13 ft.) of the host terminal.
2. Determine if the cable should be routed down through the mounting surface or if it should be run on top of the surface. Drill a hole if necessary.
3. If you are installing with a post greater than **215 mm** (8.5 in.), secure the Base Plate with screws that are provided.



4. Route the display end of the Interface Cable through the Table Top Mount, the Display Post, the 5972 Display Adapter, and the Display Swivel.

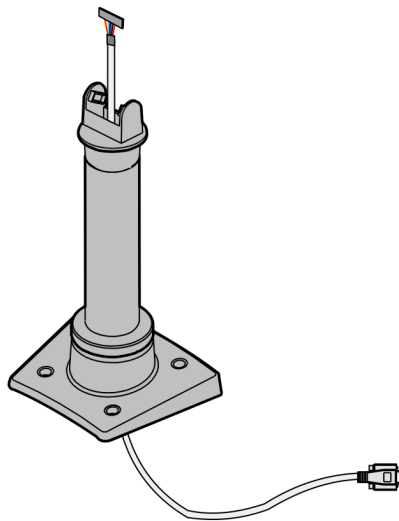


**Note:** The terminal end of the Interface Cable is too large to fit down through the post.



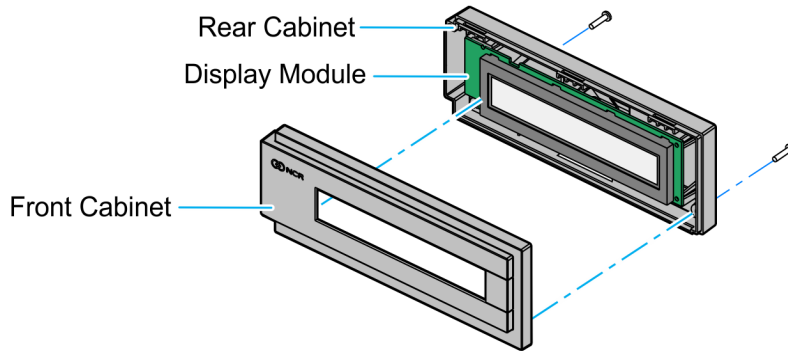
CCP-75605

5. Assemble the post components.



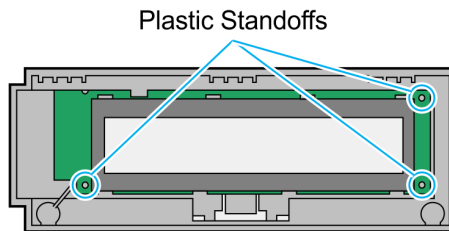
23909

6. Connect the Interface Cable to the Display Module.



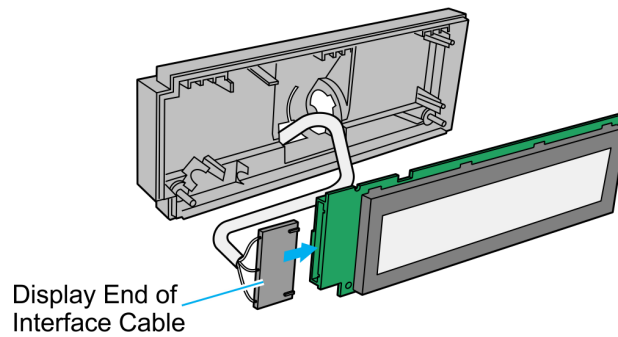
23906

- a. Remove the screws (2) from the rear cabinet and then remove the Front Cabinet.
- b. Remove the Display Module from the Rear Cabinet plastic standoffs (3).



33172

- c. Route the Interface Cable through the opening at the bottom of the Rear Cabinet and connect it to the Display Module.

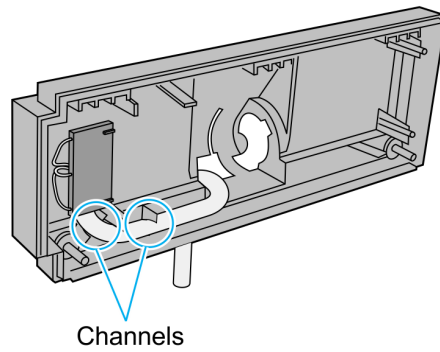


33173

- d. Reassemble the Display Assembly and secure the cabinet with the two screws.

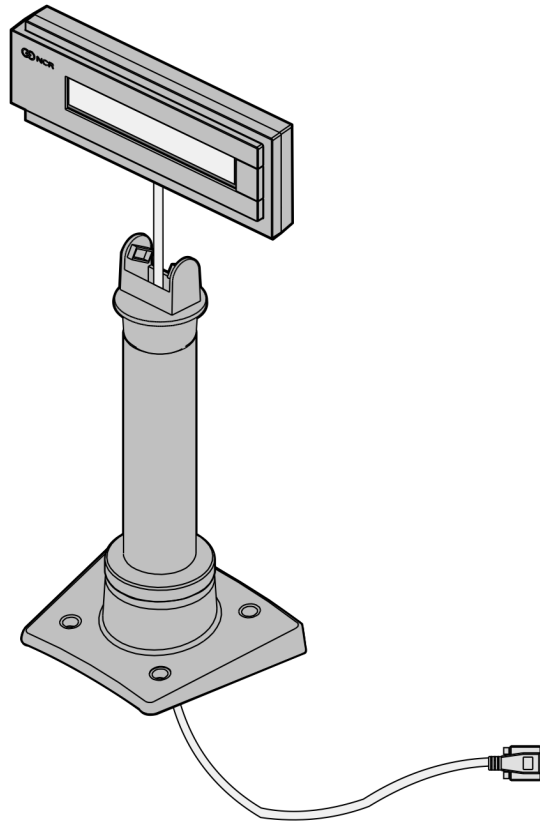


**Note:** The cable is routed through the channels in the Rear Cabinet.



33183

7. Connect the display to the post assembly.

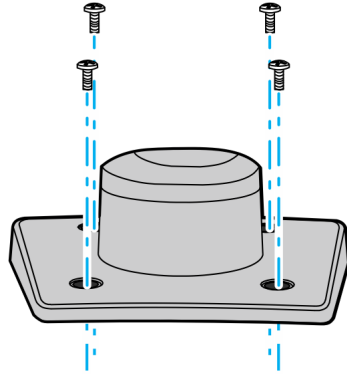


23908

8. Connect the terminal end of the Display Cable to an RS-232 connector on the host terminal.

## NCR 5975/5976 Customer Displays

1. Locate the Display Mount within **4 meters** (13 ft.) of the host terminal.
2. Determine if the cable should be routed down through the mounting surface or if it should be run on top of the surface. Drill a hole if necessary.
3. If you are installing with a post greater than **215 mm** (8.5 in.), secure the Base Plate with screws (4) that are appropriate for the mounting surface.

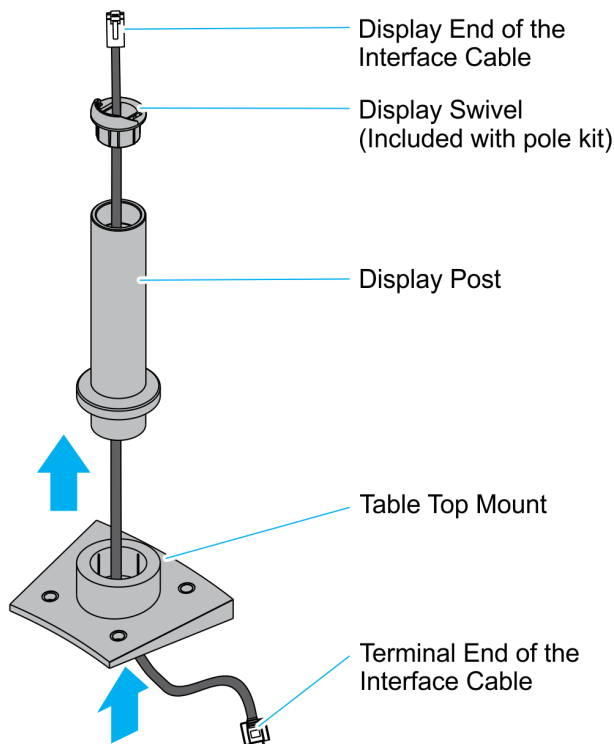


22930

4. Route the display end of the Interface Cable through the Table-Top Mount, the Display Post, and the Display Swivel.



**Note:** The terminal end of the Interface Cable is too large to fit down through the post.

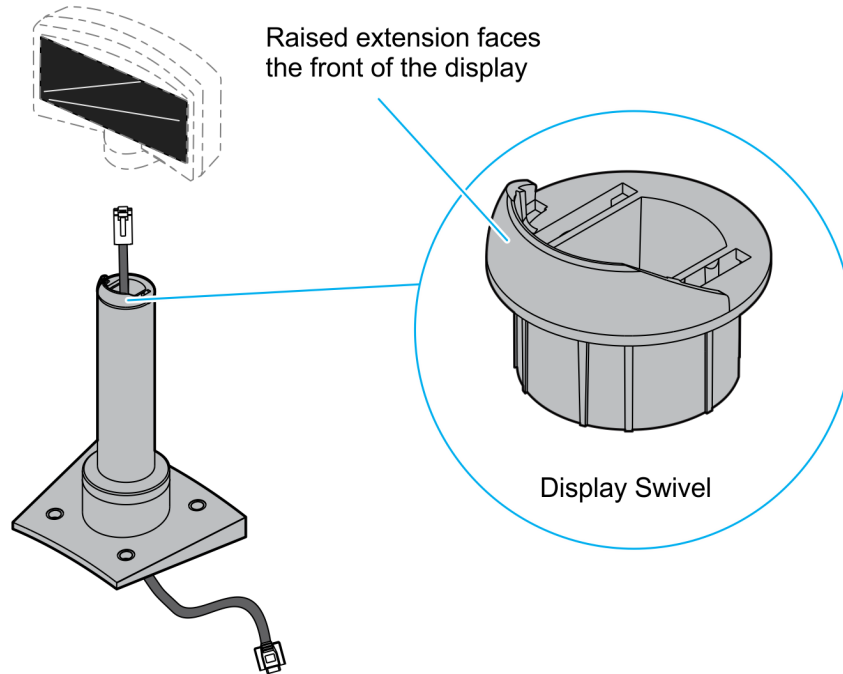


CCP-75606

5. Assemble the post components.



**Note:** The raised extension of the Display Swivel is oriented toward the front of the unit, which permits the Display to be tilted to the rear.



33175

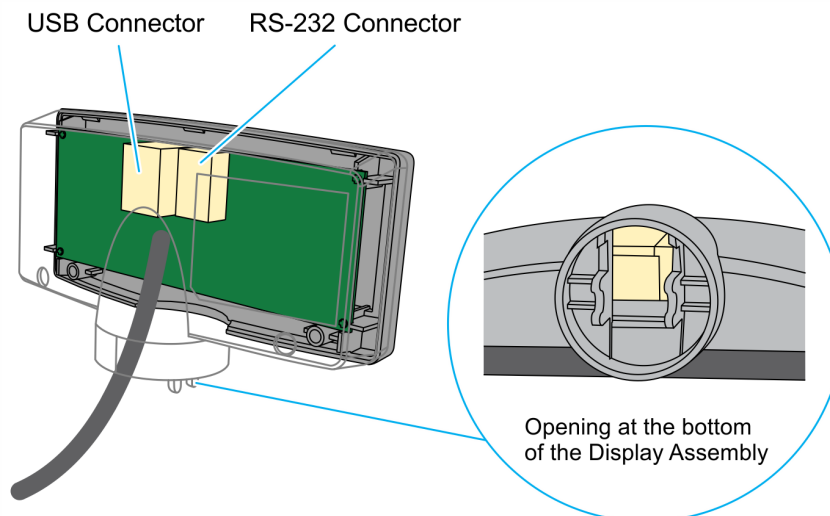
6. Connect the Interface Cable to the Display Module by doing any of the following:

- Insert the Interface Cable through the opening at the bottom of the Display Assembly and to the designated connector on the Display Module.



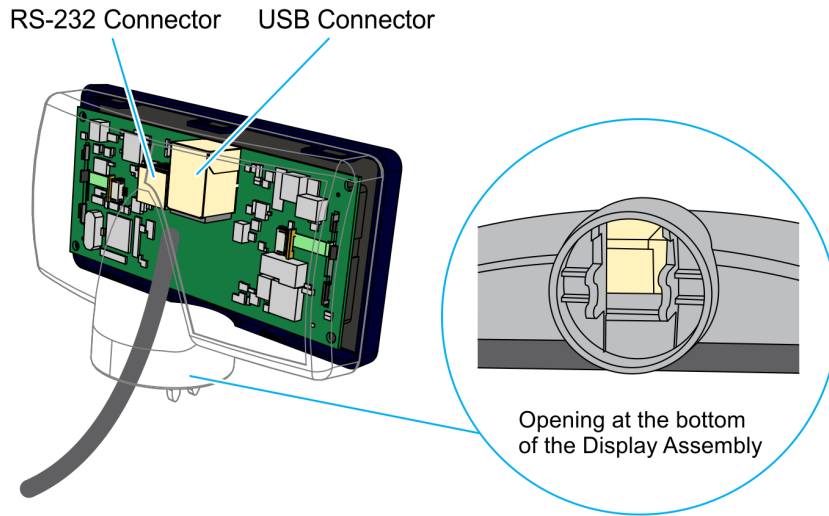
**Note:** This is applicable to both 5975 and 5976.

- **5975 Connectors**



33176

- **5976 Connectors**

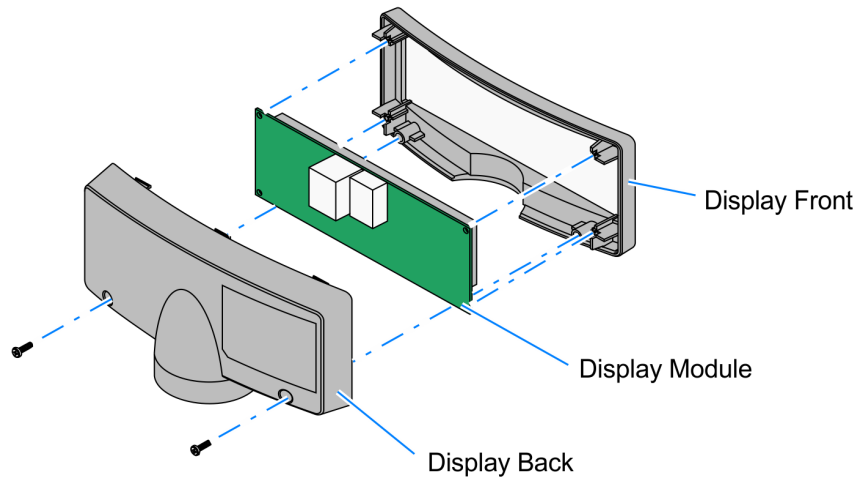


33185

- Disassemble the Display Assembly, and then connect the Interface Cable.



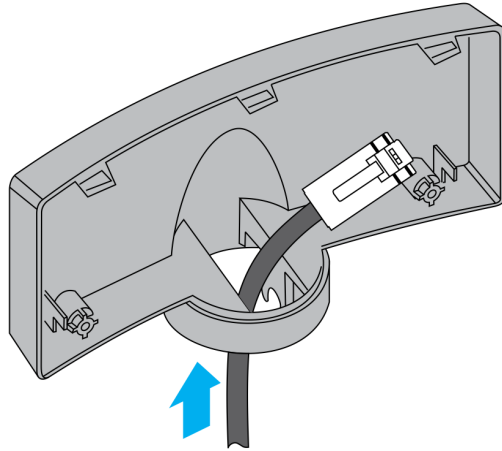
**Note:** This is applicable to 5975 only.



22909

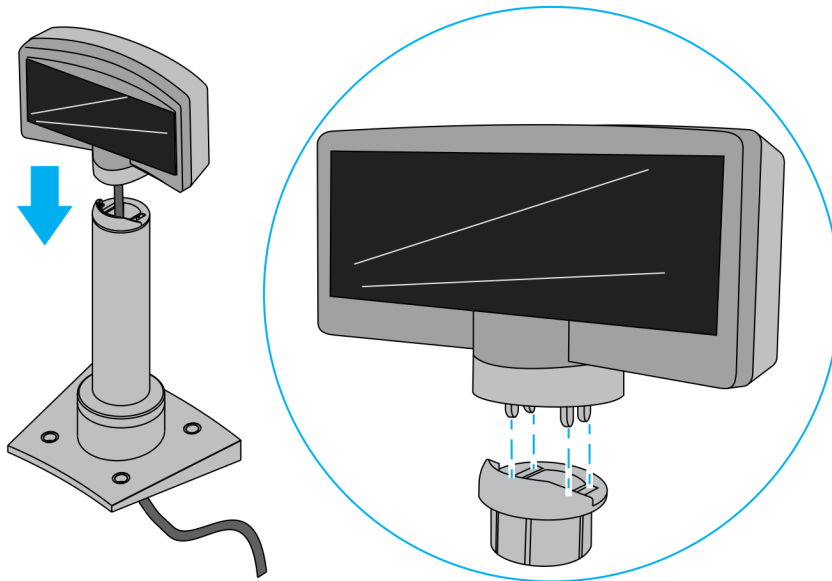
- a. Remove the screws (2) from the Display Back.
- b. Remove the Display Back.

- c. Route the Interface Cable through the opening at the bottom of the Display Back and connect it to the designated connector on the Display Module.



33177

- d. Reassemble the Display Assembly and secure the cabinet with the two screws.
7. Connect the display to the post assembly



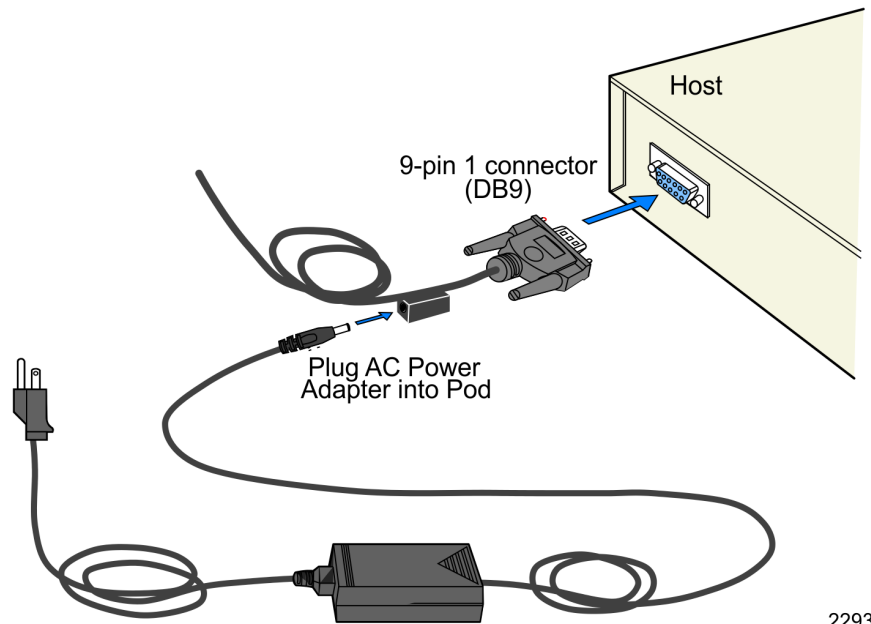
33178

8. Connect the terminal end of the Display Cable to the host terminal.
- **RS-232 Interface (Powered)**  
Connect the I/F cable to a powered RS-232 connector on the terminal.
  - **RS-232 Interface (Non-Powered)**  
Connect the I/F cable to a non-powered RS-232 connector on the terminal.  
Connect a Power Brick to the I/F cable and an AC outlet.



Configure the terminal serial port as follows:

9600 baud, 8 data bits, 1 start bit, 1 stop bit, No parity



22934

- **USB Interface (Powered)**

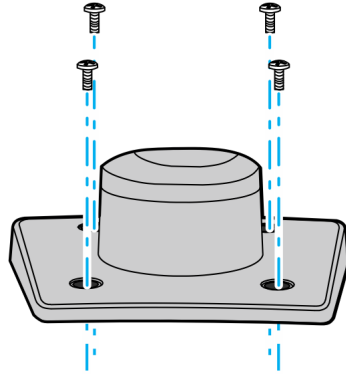
Connect the I/F cable to a powered 12V USB + Power connector on the terminal.

- **USB Interface (Non-Powered)**

Connect the I/F cable to a non-powered USB connector on the terminal. Connect a Power Brick to the I/F cable and an AC outlet.

## NCR 5977 Customer Displays

1. Locate the Display Mount within **4 meters** (13 ft.) of the host terminal.
2. Determine if the cable should be routed down through the mounting surface or if it should be run on top of the surface. Drill a hole if necessary.
3. If you are installing with a post greater than **215 mm** (8.5 in.), secure the Base Plate with screws (4) that are appropriate for the mounting surface.

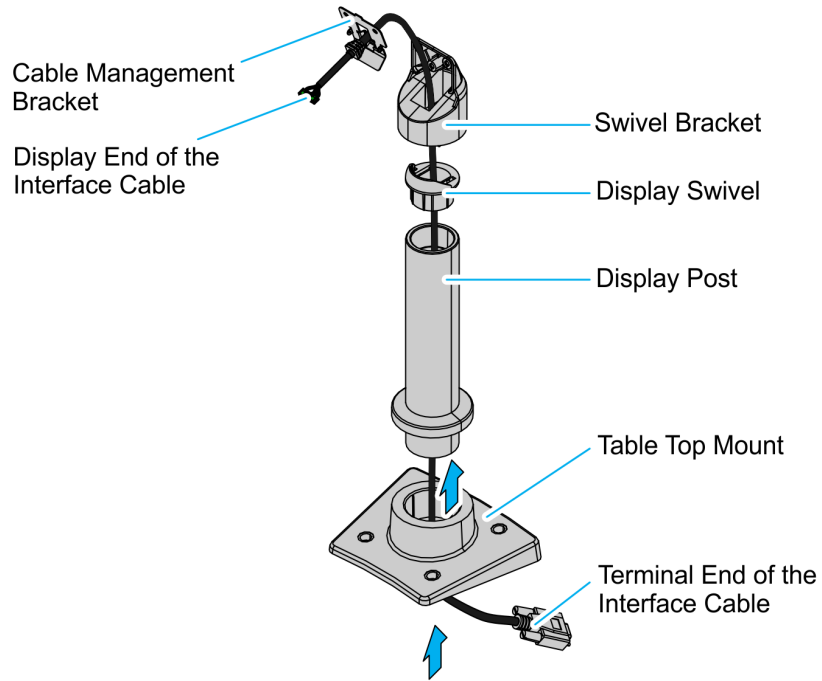


22930

4. Install the Post Mount, the Display Assembly, and the Interface Cable. Follow the procedures that correspond to the type of cable bracket used.
  - For **Cable Management Bracket**, refer to [Using Cable Management Bracket](#) below.
  - For **Strain Relief Bracket**, refer to [Using Strain Relief Bracket](#) on page 19.

### Using Cable Management Bracket

1. Route the display end of the Interface Cable through the Table-Top Mount, the Display Post, the Display Swivel, the Swivel Bracket, and the Cable Management Bracket.

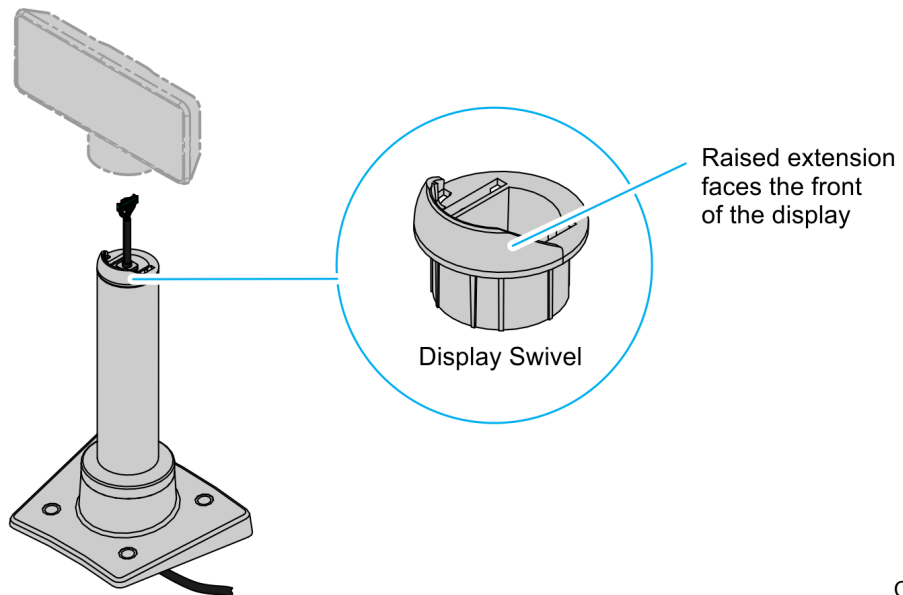


CCP-70300

2. Assemble the post components.

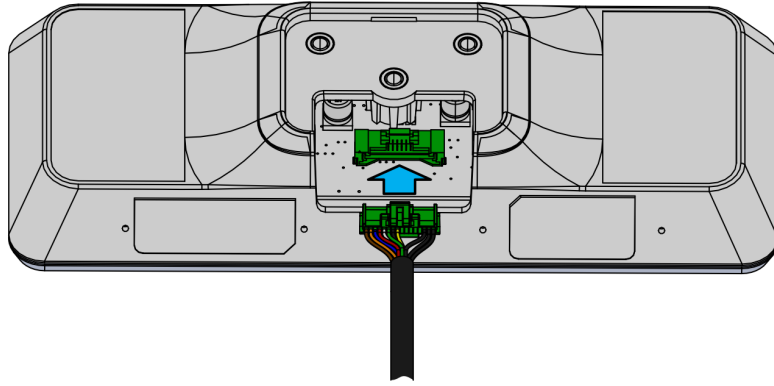


**Note:** The raised extension of the Display Swivel is facing the front of the unit, which permits the Display to be tilted towards the back.



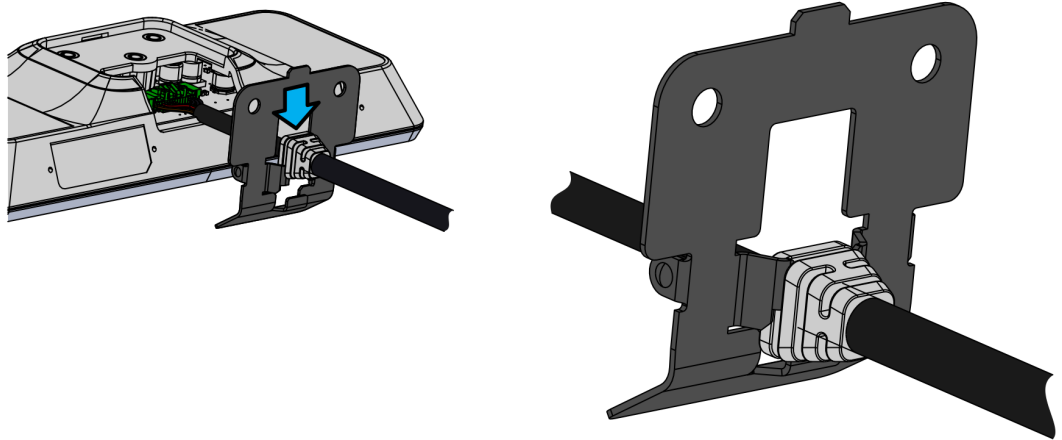
CCP-70301

3. Connect the Interface Cable to the Display Module connector until the latch is engaged. Ensure that the latch is properly engaged by gently tugging on the cable.



CCP-70303

4. Slide the grooves of the Cable Overmold onto the tabs of the Cable Management Bracket.

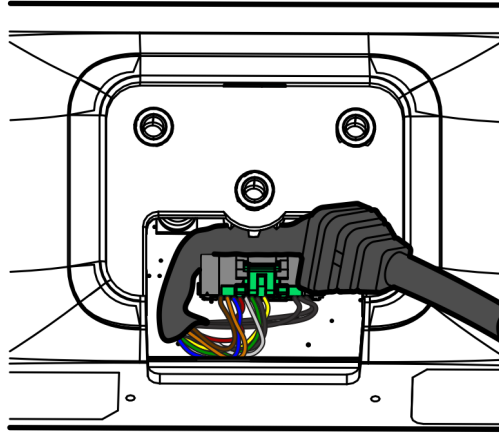


CCP-70304

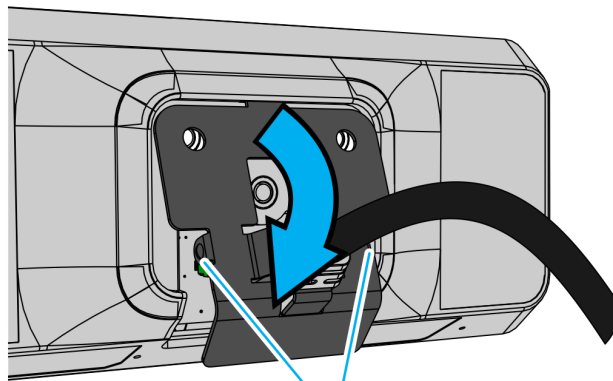
5. Route the excess cable to the right and around the board connector and install the Cable Management Bracket. Insert the tab of the Cable Management Bracket into the slot in the Rear Cover. Pivot the bracket as shown until it snaps into position.



**Note:** Ensure that the cables are not pinched when installing the bracket.



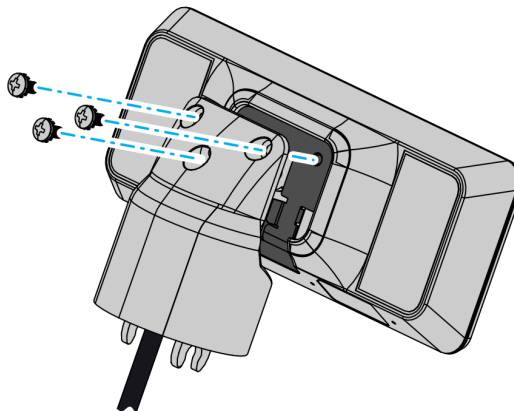
CCP-70308



Snap Fit

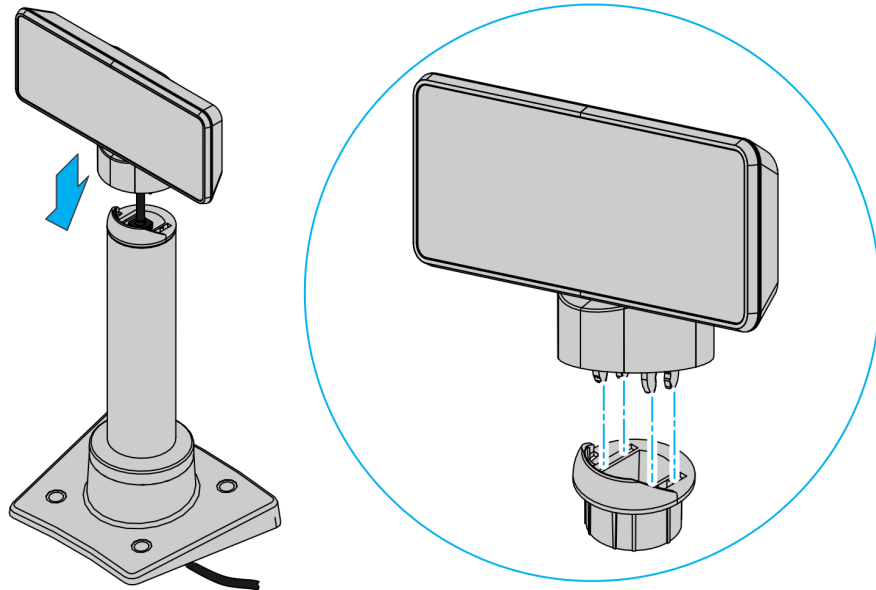
CCP-70305

6. Install the Swivel Bracket by using the three M4x8 screws.



CCP-70306

7. Connect the display to the post assembly.



CCP-70302

8. Connect the terminal end of the Display Cable to the host terminal.

- **RS-232 Interface (Powered)**

Connect the I/F cable to a powered RS-232 connector on the terminal.

Configure the terminal serial port as follows:

9600 baud, 8 data bits, 1 start bit, 1 stop bit, No parity

- **USB Interface (Powered)**

Connect the I/F cable to a powered 12V USB + Power connector on the terminal.

- **USB Interface (Non-Powered)**

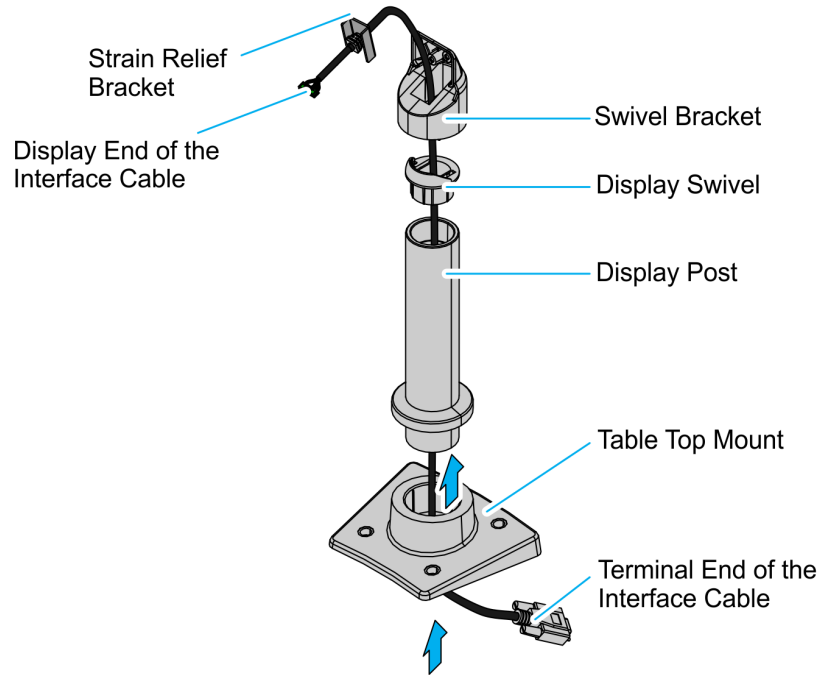
Connect the I/F cable to a non-powered USB connector on the terminal. Connect a Power Brick to the I/F cable and an AC outlet.

## Using Strain Relief Bracket

1. Route the display end of the Interface Cable through the Table-Top Mount, the Display Post, the Display Swivel, and the Swivel Bracket.



**Note:** The Strain Relief Bracket may be installed later.

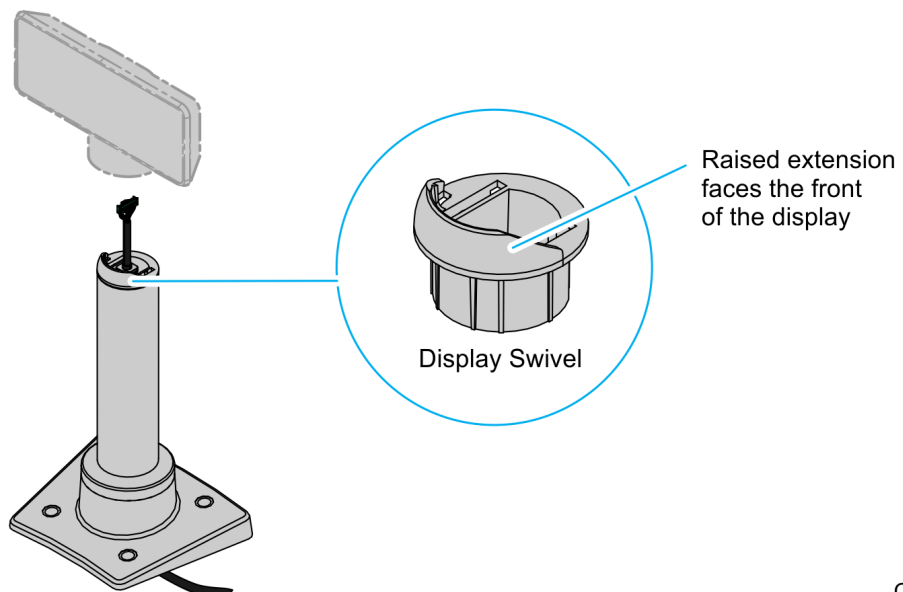


CCP-70103

2. Assemble the post components.

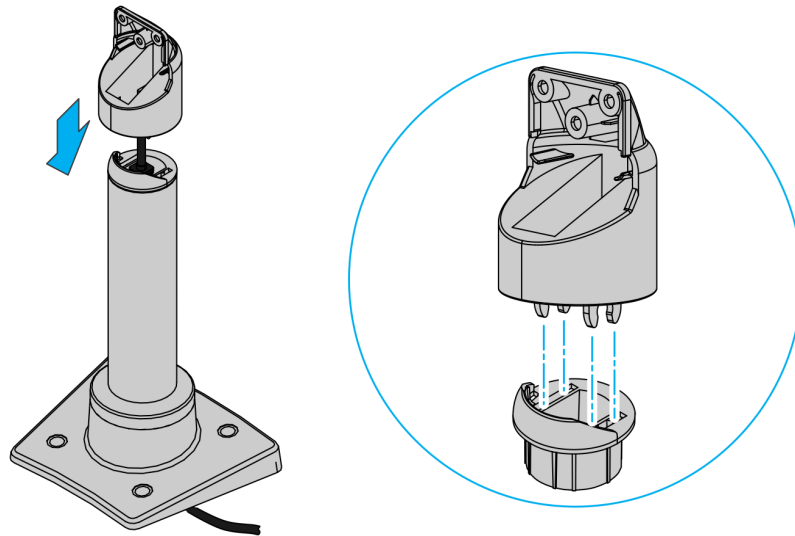


**Note:** The raised extension of the Display Swivel is facing the front of the unit, which permits the Display to be tilted towards the back.



CCP-70301

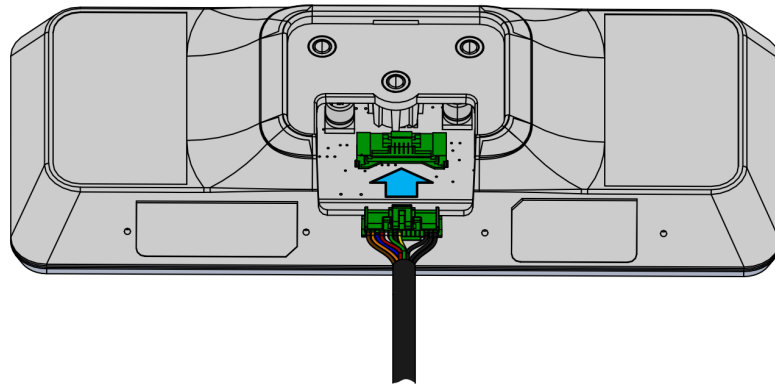
3. Attach the Swivel Bracket to the Display Swivel.



CCP-70104

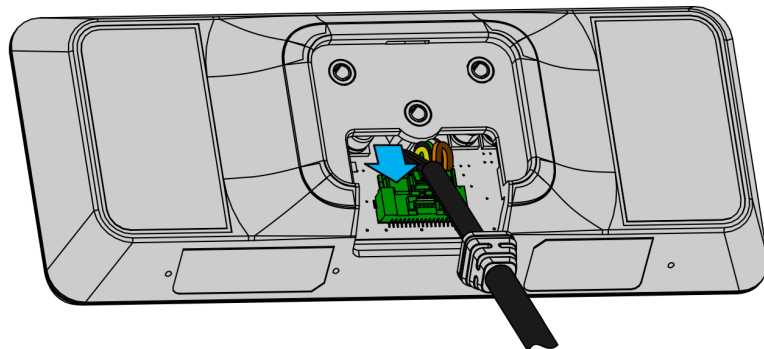
4. Connect the Interface Cable to the Display Module connector until the latch is engaged. Ensure that the latch is properly engaged by gently tugging on the cable.

**5977-1000**



CCP-70303

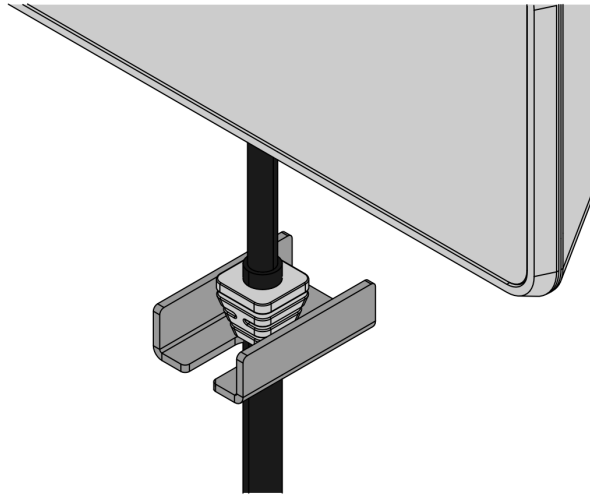
**5977-2000**



CCP-70108

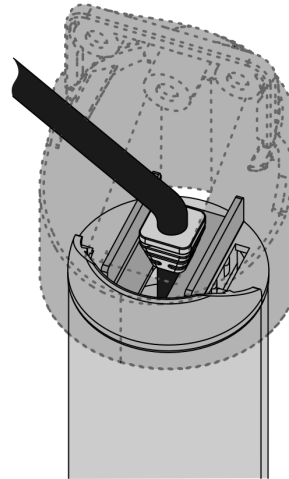


5. Attach the Strain Relief Bracket.
  - a. Attach the Strain Relief Bracket to the cable, right below the Cable Overmold.



CCP-70105

- b. Carefully pull the cable down so the Strain Relief Bracket fits in the middle of the Swivel Bracket and rests on top of the Display Swivel.

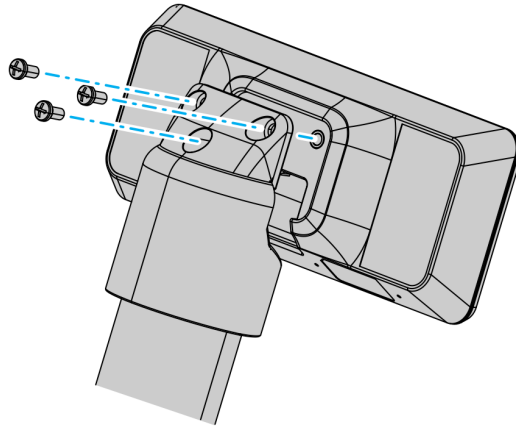


CCP-70106

6. Attach the display to the Swivel Bracket by using the three M4x8 screws.



**Note:** Ensure that no cables are pinched.



CCP-70107

7. Connect the terminal end of the Display Cable to the host terminal.

- **RS-232 Interface (Powered)**

Connect the I/F cable to a powered RS-232 connector on the terminal.

Configure the terminal serial port as follows:

9600 baud, 8 data bits, 1 start bit, 1 stop bit, No parity

- **USB Interface (Powered)**

Connect the I/F cable to a powered 12V USB + Power connector on the terminal.

- **USB Interface (Non-Powered)**

Connect the I/F cable to a non-powered USB connector on the terminal. Connect a Power Brick to the I/F cable and an AC outlet.