Dell 27 Monitor

SE2726H
Simplified Service Manual

DELLTechnologies

Notes, cautions, and warnings

ⓘ **NOTE:** A NOTE indicates important information that helps you make better use of your product.

⚠ **CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.**

⚠ **WARNING: A WARNING indicates a potential for property damage, personal injury, or death.**

Contents

Safety Instructions

Use the following safety guidelines to protect your monitor from potential damage and to ensure your personal safety. Unless otherwise noted, each procedure included in this document assumes that you have read the safety information that shipped with your monitor.

ⓘ **NOTE:** Before using the monitor, read the safety information that is shipped with your monitor and printed on the product. Keep the documentation at a secure location for future reference.

⚠ **WARNING: Use of controls, adjustments, or procedures other than those specified in this documentation may result in exposure to shock, electrical hazards and/or mechanical hazards.**

△ **CAUTION: The possible long-term effect of listening to audio at high volume through the headphones (on a monitor that supports it) may damage your hearing ability.**

- Place the monitor on a solid surface and handle it carefully.
  - The screen is fragile and can be damaged if dropped or press with a sharp object.
  - Ensure that your monitor is electrically rated to operate with the AC power available in your location.
  - Keep the monitor in room temperature. Excessive cold or hot conditions can have an adverse effect on the liquid crystal of the display.
  - Connect the power cable from the monitor to a wall outlet that is near and accessible. See Connecting your monitor.
- Do not place and use the monitor on a wet surface or near water.
- Do not subject the monitor to severe vibration or high impact conditions. For example, do not place the monitor inside a car trunk.
- Unplug the monitor when it is going to be left unused for an extended period.
- To avoid electric shock, do not attempt to remove any cover or touch the inside of the monitor.
- Read these instructions carefully. Keep this document for future reference. Follow all warnings and instructions marked on the product.
- Certain monitors can be wall-mounted using the VESA mount that is sold separately. Ensure to use the correct VESA specifications as mentioned in the wall mounting section of the User's Guide.

For information about safety instructions, see the Safety, Environmental, and Regulatory Information (SERI) document that is shipped with your monitor.

Before working inside your monitor

Steps

1. Save and close all open files and exit all open applications.
2. Turn off your monitor.
3. Disconnect your monitor and all attached devices from their electrical outlets.
4. Disconnect all attached network devices and peripherals, such as keyboard, mouse, and dock from your monitor.

△ **CAUTION: To disconnect a network cable, first unplug the cable from your monitor and then unplug the cable from the network device.**

5. Remove any media card and optical disc from your monitor, if applicable.

After working inside your monitor

△ **CAUTION: Leaving stray or loose screws inside your monitor may severely damage your monitor.**

Steps

1. Replace all screws and ensure that no stray screws remain inside your monitor.
2. Connect any external devices, peripherals, or cables you removed before working on your monitor.
3. Replace any media cards, discs, or any other parts that you removed before working on your monitor.
4. Connect your monitor and all attached devices to their electrical outlets.
5. Turn on your monitor.
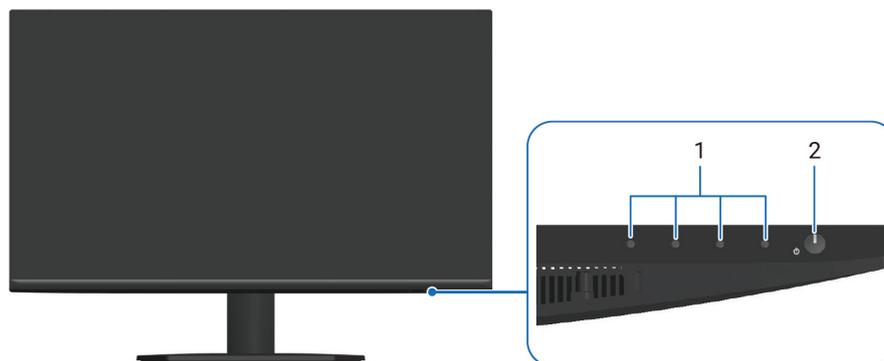
Views of SE2726H Monitor

Front view

Figure 1. **Front view of the monitor**

Table 1. Components and descriptions.

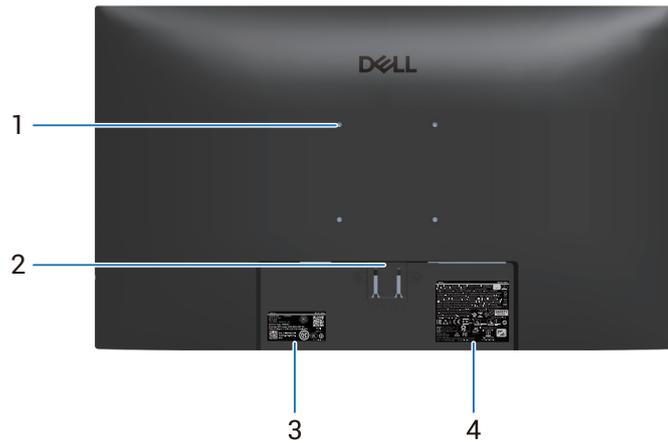| Label	Description	Use
1	Function buttons	To access the on-screen display (OSD) menu.
2	Power button (with LED indicator)	To turn the monitor on or off. Solid white light indicates that the monitor is turned on and is functioning. Blinking white light indicates that the monitor is in Standby Mode.

Back view

Figure 2.   **Back view of the monitor**

Table 2.   Components and descriptions.

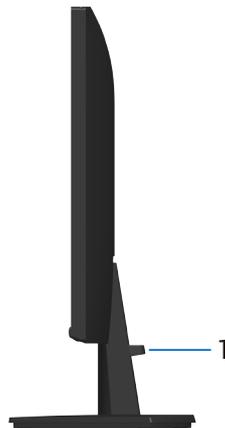| Label	Description	Use
1	VESA mounting holes (100 mm x 100 mm)	Wall mount the monitor using a VESA-compatible wall mounting kit (sold separately).
2	Stand release button	Release the stand from the monitor.
3	Regulatory label (including MyDell QR code, serial number, and Service Tag label)	See this label if you must contact Dell for technical support. The Service Tag is a unique alphanumeric identifier that enables Dell service technicians to identify the hardware components in your monitor and access warranty information.
4	Regulatory information label	Lists the regulatory approvals.

Side view

Figure 3.   **Side view of the monitor**

Table 3.   Components and descriptions.

Label	Description	Use
1	Cable management clip	Use to organize cables by inserting them through the slot.

Bottom view
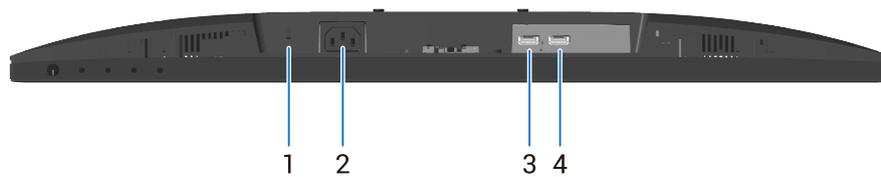
Figure 4. **Bottom view of the monitor**

Table 4. Components and descriptions.

| Label	Description	Use
1	Security-lock slot (based on Kensington Security Slot)	Secure your monitor using a security lock (purchased separately) to prevent unauthorized movement of your monitor.
2	Power port	Connect the power cable.
3	HDMI 1 port	Connect to your computer with the HDMI cable.
4	HDMI 2 port	Connect to your computer with the HDMI cable.

Major components of SE2726H monitor
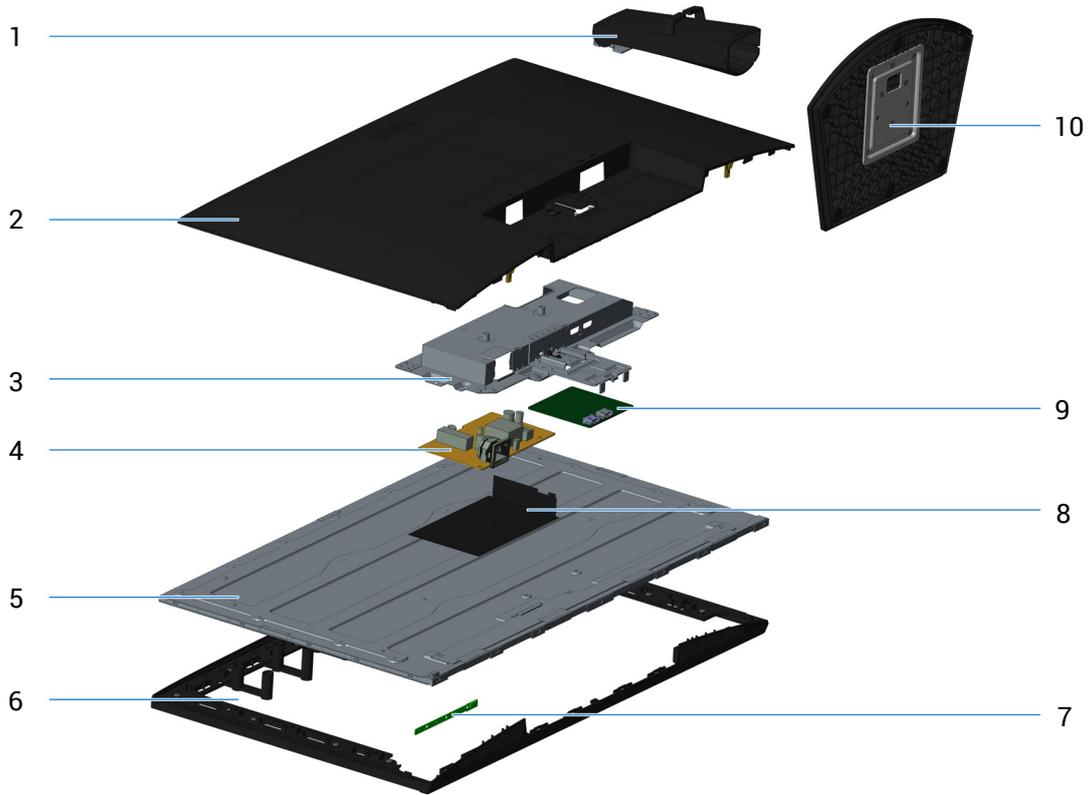
Figure 5.   **Major components of SE2726H**

Table 5.   Major components of SE2726H

No.	Description
1	Stand riser
2	Back cover
3	Chassis
4	Power board
5	Display panel
6	Middle frame
7	Keypad board
8	Mylar
9	System board
10	Stand base

Wiring connectivity diagram
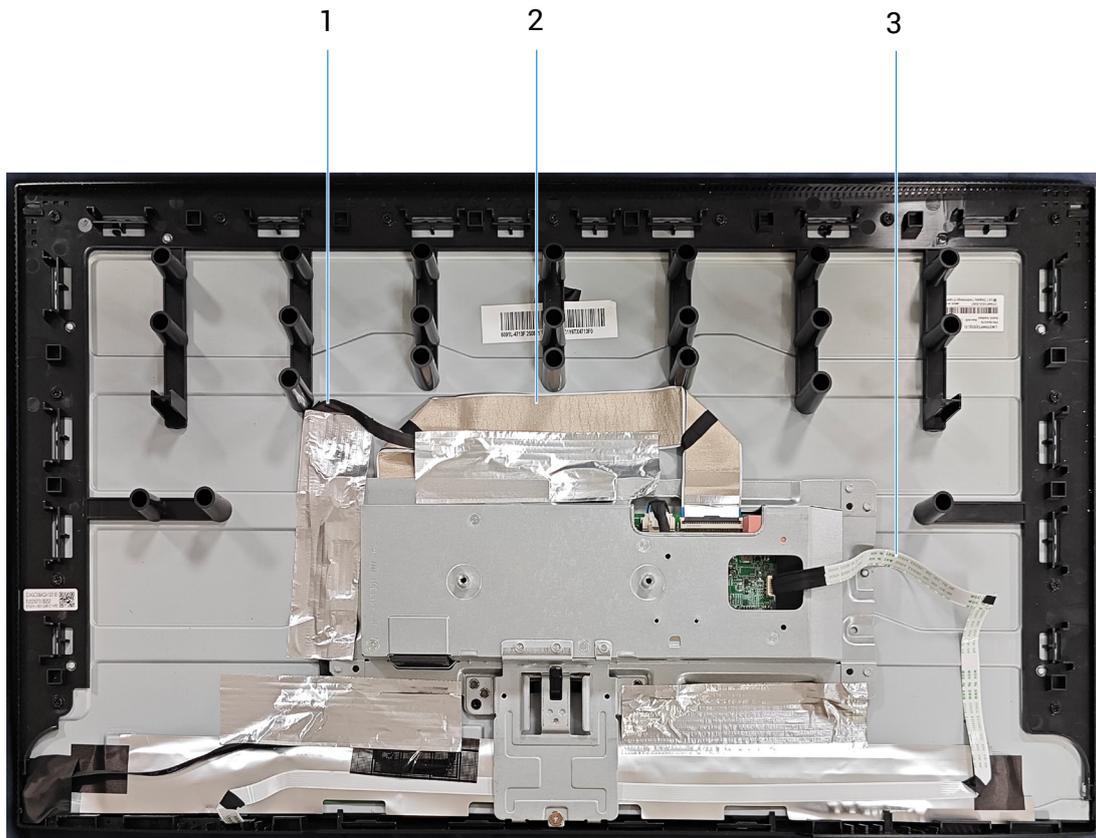
Figure 6. **Wiring connectivity diagram**

Table 6. Wiring connectivity description

Item	Description
1	Lightbar cable
2	LVDS cable
3	Keypad cable

Connecting your monitor

⚠ **WARNING: Before you begin any of the procedures in this section, follow the** Safety Instructions**.**

ⓘ **NOTE:** Dell monitors are designed to work optimally with the video cables that are shipped with your monitor. Dell cannot guarantee the video performance of cables that are not included with your Dell monitor, as it has no control over suppliers, materials, connectors, and manufacturing processes.

ⓘ **NOTE:** Route the cables through the cable-management slot before connecting them.

ⓘ **NOTE:** Do not connect all cables to the computer simultaneously.

ⓘ **NOTE:** The images are for illustration only. The appearance of the computer may vary.

To connect your monitor to the computer:

1. Turn off your computer and disconnect the power cable.
2. Connect the HDMI cable from your monitor to the computer.
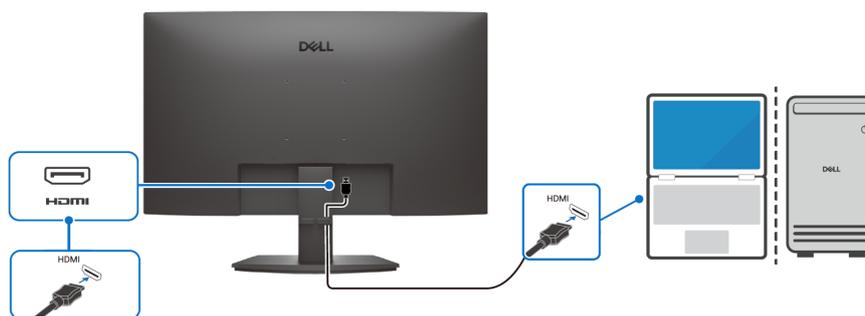
Connecting the HDMI Cable

Figure 7.   Connecting the HDMI Cable

Organizing the cables

Use cable management clip on stand assembly to route the cables that are connected to your monitor.
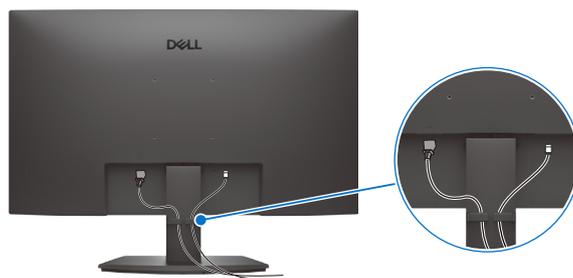

Figure 8.   Organizing the cables

3. Turn on the monitor.

Figure 9.   Turn on the monitor

Disassembly and reassembly

⚠️ **CAUTION: The information in this section is intended for authorized service technicians in the EMEA region. Dell prohibits users from disassembling the monitor, and any damage caused by unauthorized servicing will not be covered under the warranty.**

Recommended tools

- Screwdriver (Phillips-head, Hexagonal head)
- Plastic scribe

Screw list

ⓘ **NOTE:** When removing screws from a component, it is recommended to note the screw type, the quantity of screws, and then place them in a screw storage box. This is to ensure that the correct number of screws and correct screw type is restored when the component is replaced.

ⓘ **NOTE:** Some computers have magnetic surfaces. Ensure that the screws are not left attached to such surfaces when replacing a component.

ⓘ **NOTE:** Screw color may vary with the configuration ordered.

Table 7.   Screw list

Component	Screw type	Quantity	Screw images
Back cover	M3x4	2	
Chassis assembly	M3x4	2	
Chassis assembly	M3x5	1	
System board and Power board	D3x7	4	
Power board	M4x8	1	
Middle frame	M3x4	13	
Keypad board	M2x2	3	

Stand

Removing the stand

Prerequisites

Follow the procedure in [Before working inside your monitor](#).

Steps

1. Place the monitor on a soft cloth at the edge of a flat surface.
2. Using a screwdriver press the release button.
3. While keeping the release button pressed, pull the stand assembly out from the monitor.
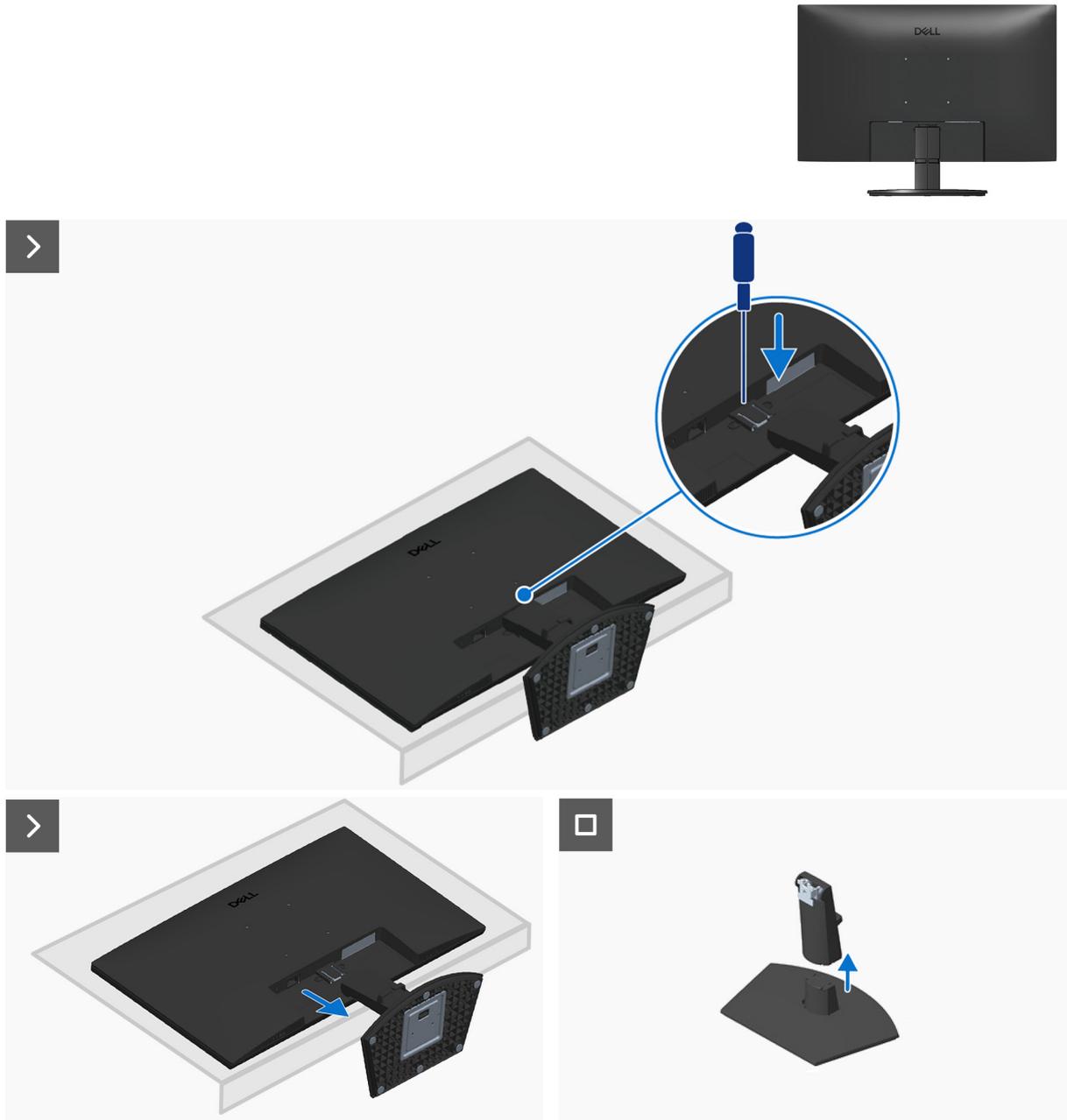4. Lift the stand riser to disconnect it from the stand base.

Figure 10. **Removing the stand**

Installing the stand

Steps

1. Insert the stand riser into the stand base until it clicks into place.
2. Slide the tabs on the stand assembly into the slots on the monitor and press the stand assembly down to snap it into place.
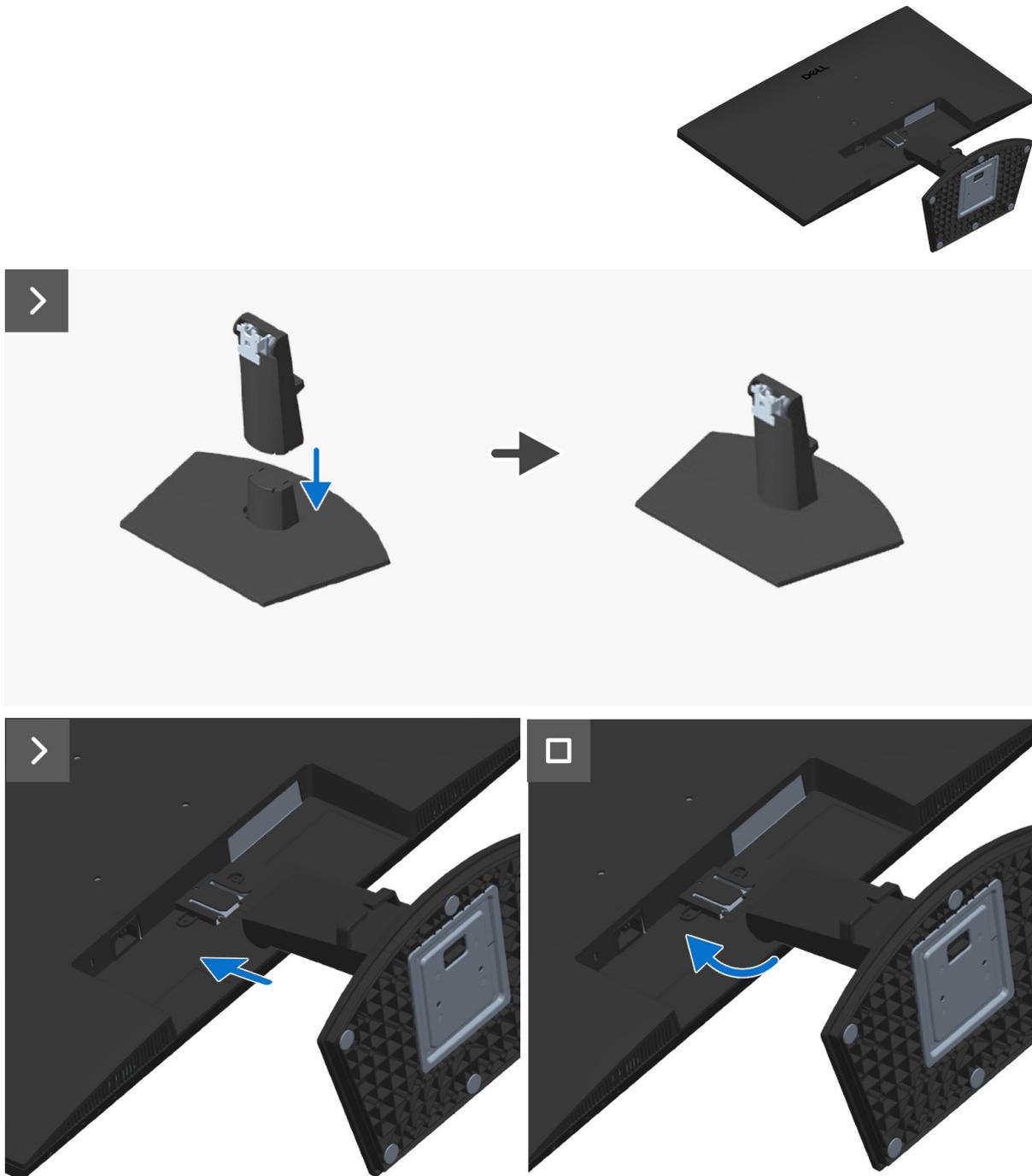

Figure 11.   Installing the stand

Next steps

Follow the procedure in After working inside your monitor.

Back cover

Removing the back cover

Prerequisites

1. Follow the procedure in Before working inside your monitor.
2. Remove the stand.

Steps

1. Remove the two screws (M3x4) that secure the back cover to the chassis assembly.
2. Using the plastic scribe, pry the back cover starting from the bottom edge of the monitor.
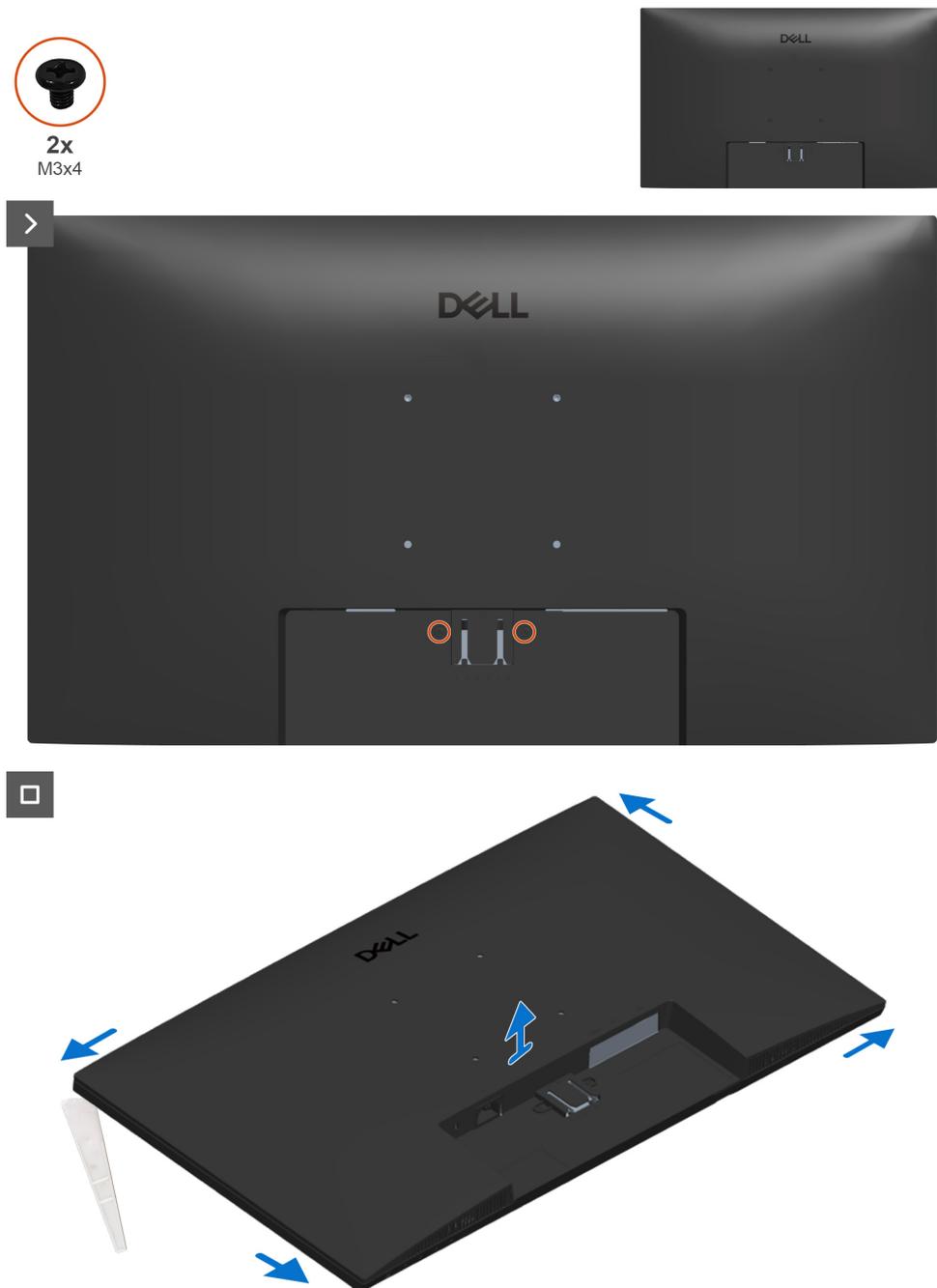3. Lift and remove the back cover away from the monitor.

Figure 12.   **Removing the back cover**

Installing the back cover

Steps

1. Align the back cover with the chassis and snap it into place.

ⓘ **NOTE:** Align the screw holes on the back cover with the screw holes on the chassis assembly before applying slight pressure to the back cover.

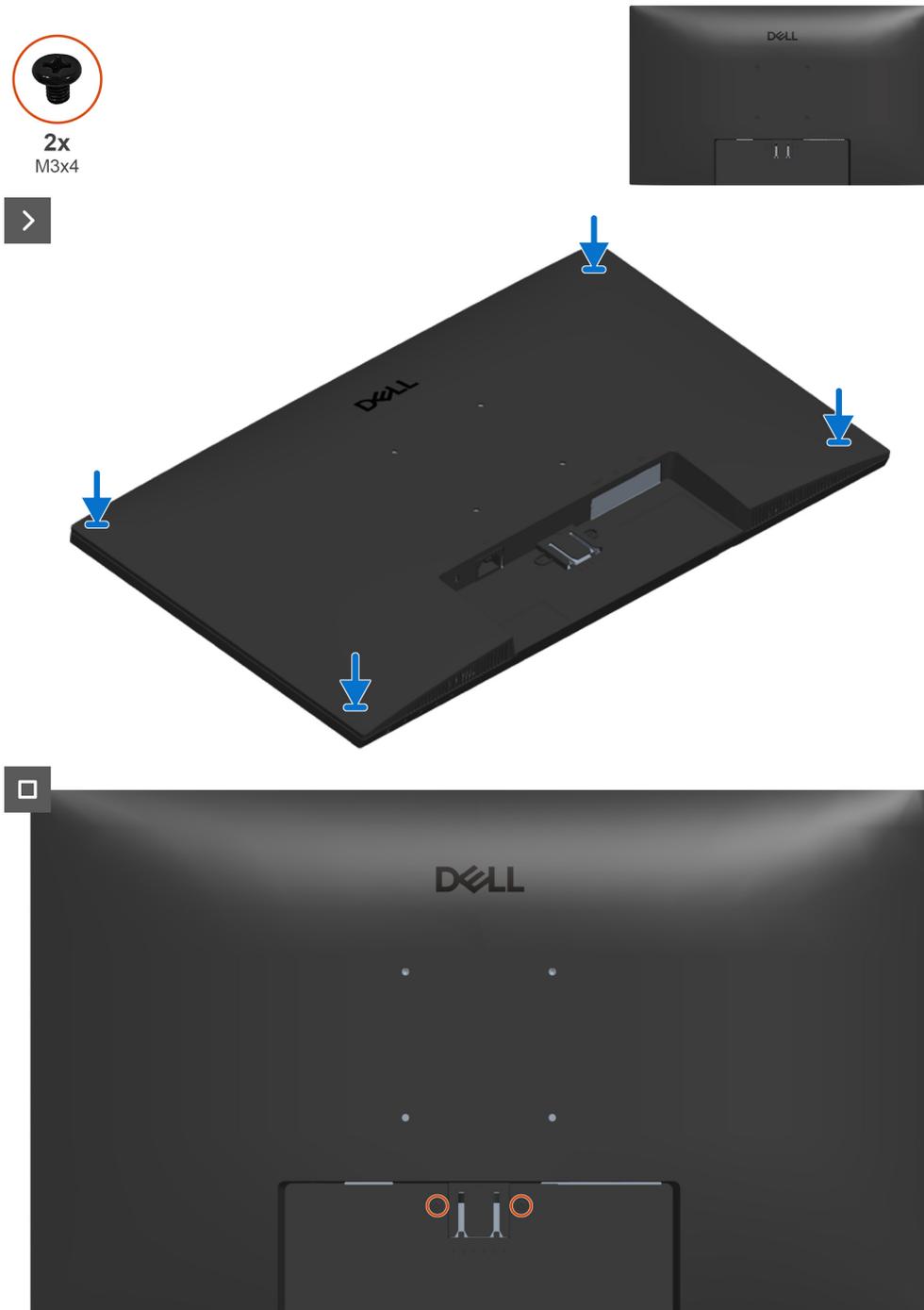2. Replace the two screws (M3x4) to secure the back cover to the chassis assembly.

Figure 13.   Installing the back cover

Next steps

1. Install the stand.
2. Follow the procedure in After working inside your monitor.

Chassis assembly

Removing the chassis assembly

Prerequisites

1. Follow the procedure in <u>Before working inside your monitor</u>.
2. Remove the <u>stand</u>.
3. Remove the <u>back cover</u>.

Steps

1. Peel off the four EMI shielding tape pieces from the chassis, one at a time.
2. Disconnect the keypad cable from the connector on the system board.
3. Peel off the black tape and disconnect the lightbar cable from the connector on the display panel.
4. Remove the two screws (M3x4) and the screw (M3x5) that secure the chassis assembly to the display panel.
5. Peel off the black tape from the connector on the display panel.
6. Disconnect the LVDS cable from the connector on the display panel.
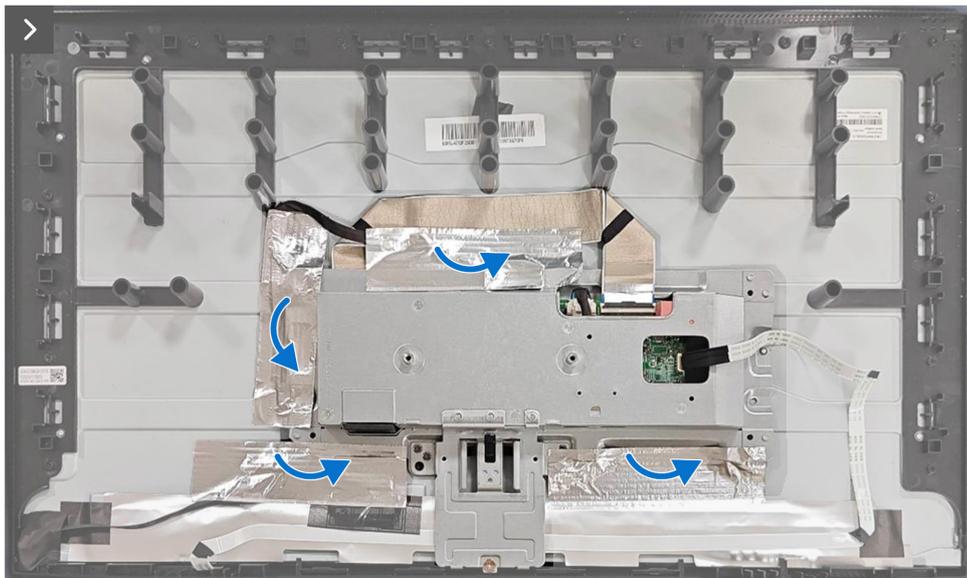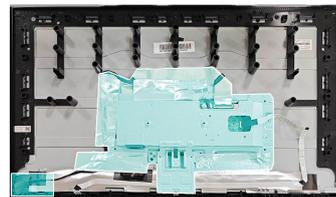7. Lift the chassis assembly away from the monitor.

Figure 14.   Removing the chassis assembly

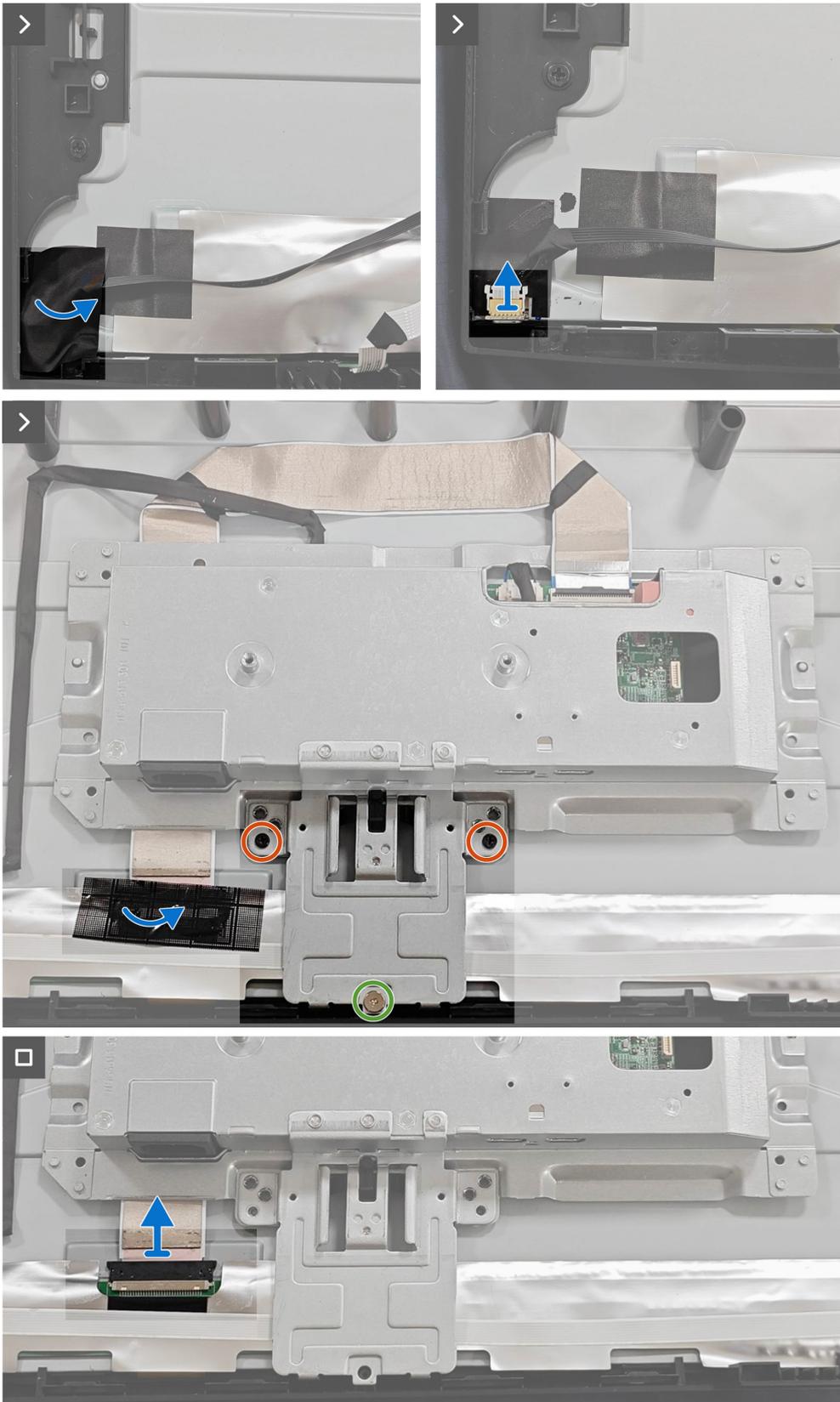**Figure 15.**   **Removing the chassis assembly**

Installing the chassis assembly

Steps

1. Connect the LVDS cable and adhere the black tape to the connector on the display panel.
2. Align the screw holes on the chassis assembly with those on the display panel.
3. Replace the two screws (M3x4) and the screw (M3x5) that secure the chassis assembly to the display panel.
4. Connect the lightbar cable to the connector on the display panel.
5. Adhere the black tape to the connector on the display panel.
6. Connect the keypad cable to the connector on the system board.
7. Adhere the four EMI shielding tape pieces to the chassis assembly, one at a time.

2x M3x4
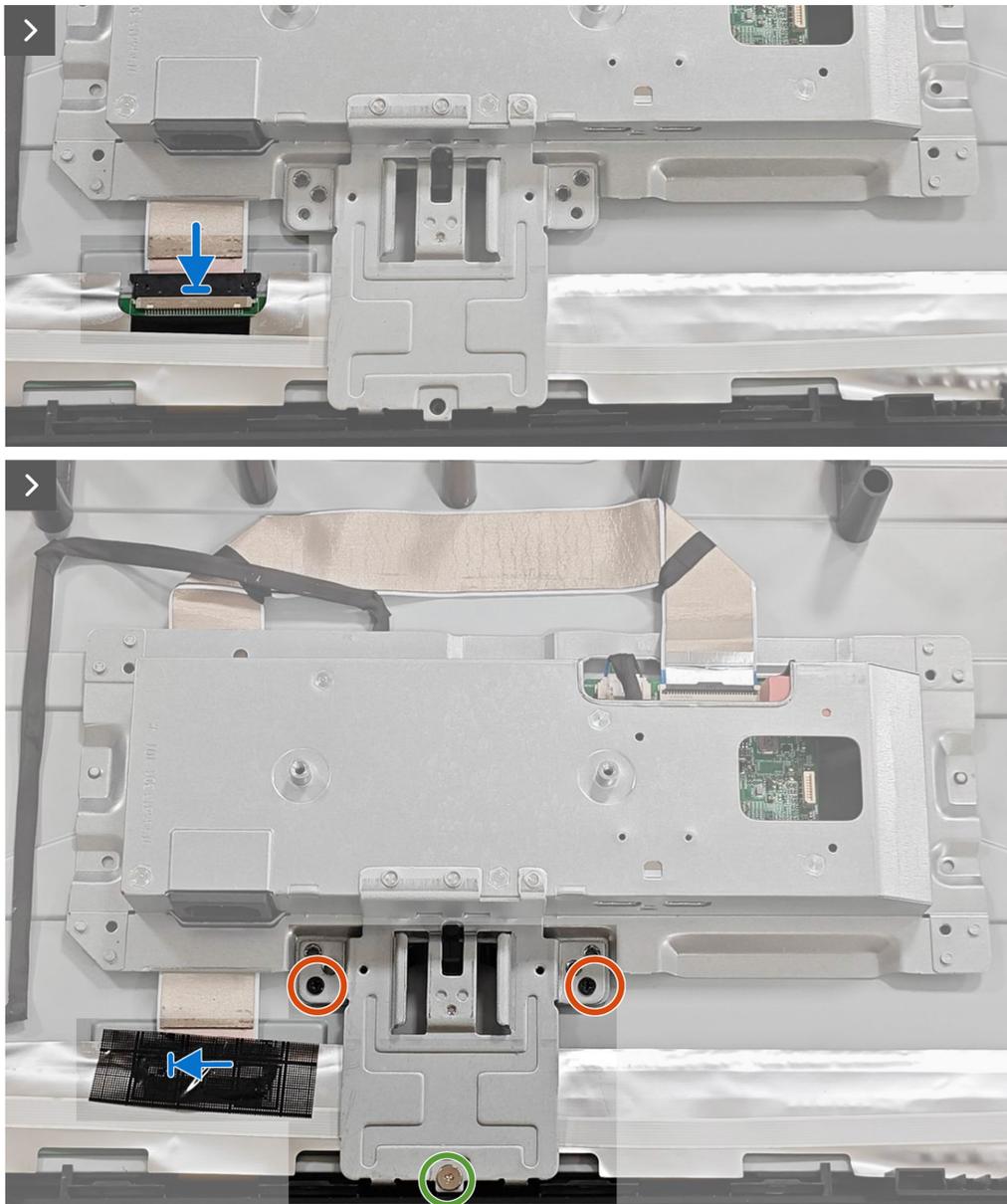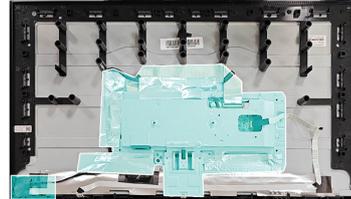
1x M3x5
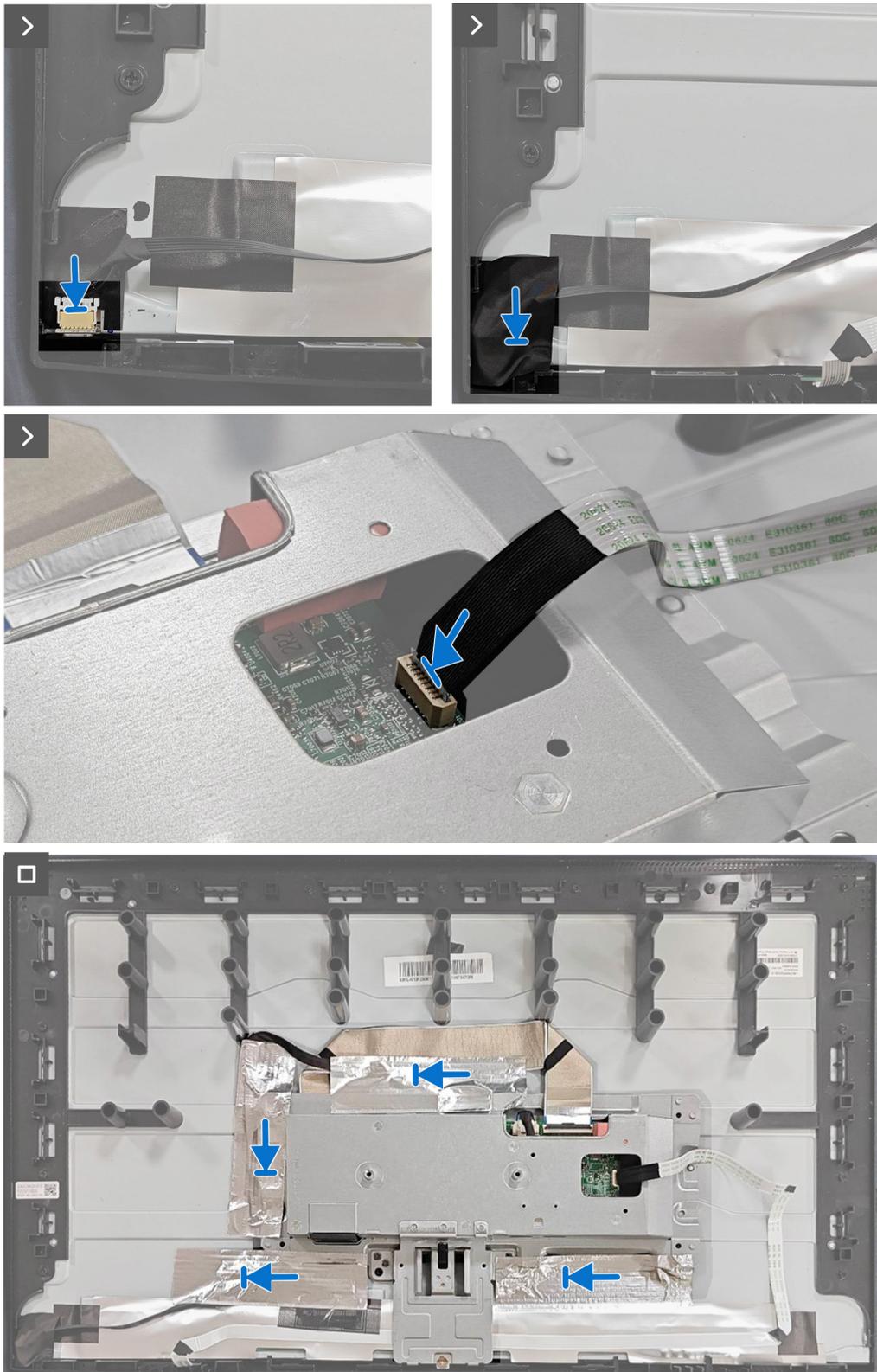
Figure 16.   **Installing the chassis assembly**

Figure 17.   Installing the chassis assembly

Next steps

1. Install the back cover.
2. Install the stand.
3. Follow the procedure in After working inside your monitor.

Middle frame

Removing the middle frame

Prerequisites

1. Follow the procedure in Before working inside your monitor.
2. Remove the stand.
3. Remove the back cover.
4. Remove the chassis assembly.

Steps

1. Remove the 13 screws (M3x4) that secure the middle frame to the display panel.
2. Peel the keypad cable from the display panel.
3. Lift the middle frame away from the display panel.
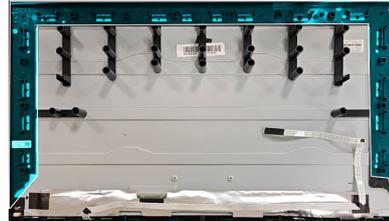
Figure 18. **Removing the middle frame**

Installing the middle frame

Steps

1. Align the screw holes on the middle frame with those on the display panel.
2. Adhere the keypad cable to the display panel.
3. Replace the 13 screws (M3x4) that secure the middle frame to the display panel.
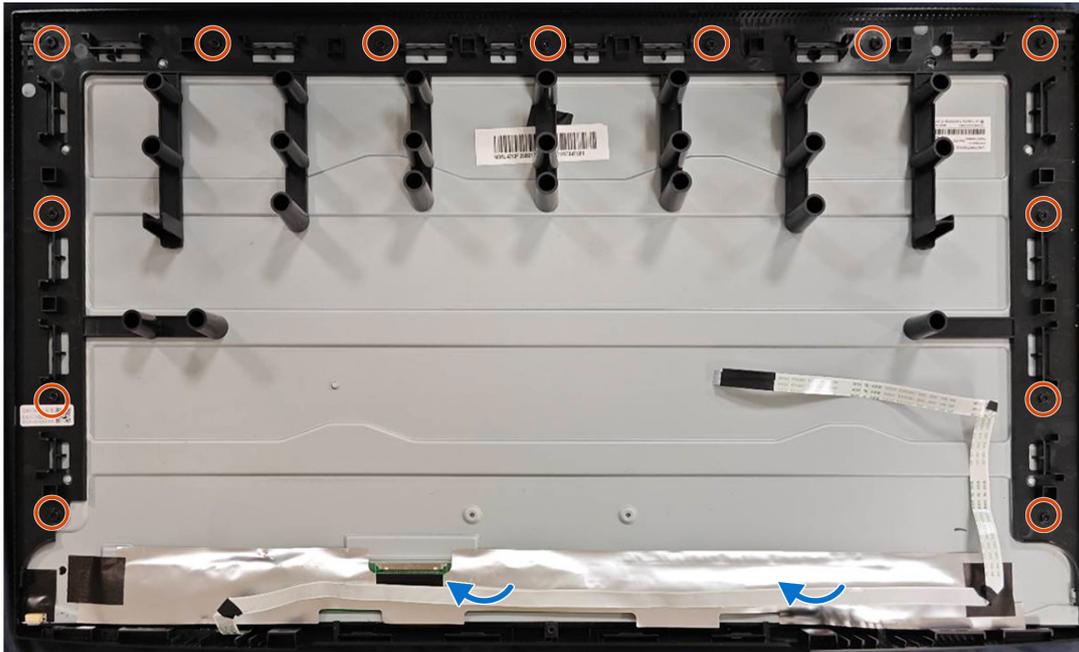

Figure 19.   Installing the middle frame

Next steps

1. Install the chassis assembly.
2. Install the back cover.
3. Install the stand.
4. Follow the procedure in After working inside your monitor.

Keypad board

Removing the keypad board

Prerequisites

1. Follow the procedure in Before working inside your monitor.
2. Remove the stand.
3. Remove the back cover.
4. Remove the chassis assembly.
5. Remove the middle frame.

Steps

1. Remove one tape on the keypad board.
1. Remove the three screws (M2x2) that secure the keypad board to the middle frame.
2. Lift the keypad board away from the middle frame.
3. Lift the latch and disconnect the keypad board cable from the connector on the keypad board.
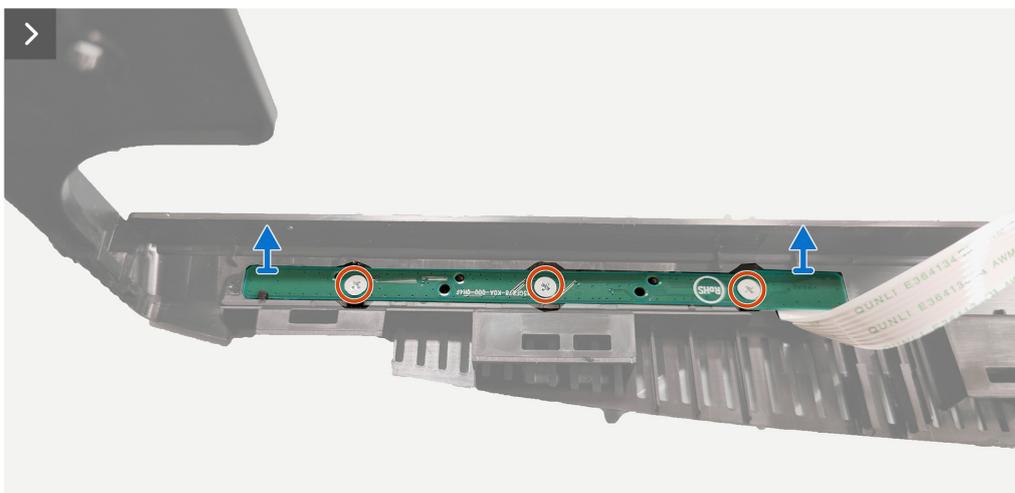
Figure 20.   Removing the keypad board

Figure 21.   Removing the keypad board

Installing the keypad board

Steps

1. Connect keypad cable and secure the latch to the connector on the keypad board.
2. Replace the three screws (M2x2) that secure the keypad board to the middle frame.
3. Adhere the tape to the keypad board.
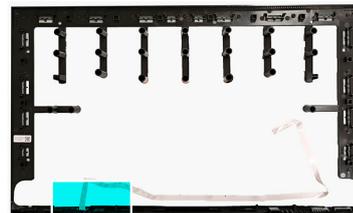
Figure 22. Installing the keypad board

Figure 23. Installing the keypad board

Next steps

1. Install the middle frame.
1. Install the chassis assembly.
2. Install the back cover.
3. Install the stand.
4. Follow the procedure in After working inside your monitor.

Power board

Removing the power board

Prerequisites

1. Follow the procedure in Before working inside your monitor.
2. Remove the stand.
3. Remove the back cover.
4. Remove the chassis assembly.

Steps

1. Peel off the mylar tape from the power board.
2. Remove the two screws (D3x7) that secure the system board to the chassis.
3. Remove the two screws (D3x7) and the screw (M4x8) that secure the power board to the chassis.
4. Remove the power board and the system board from the chassis.
5. Turn over the boards and place them on a flat surface.
6. Disconnect the lightbar cable and the power cable from their connectors on the power board.
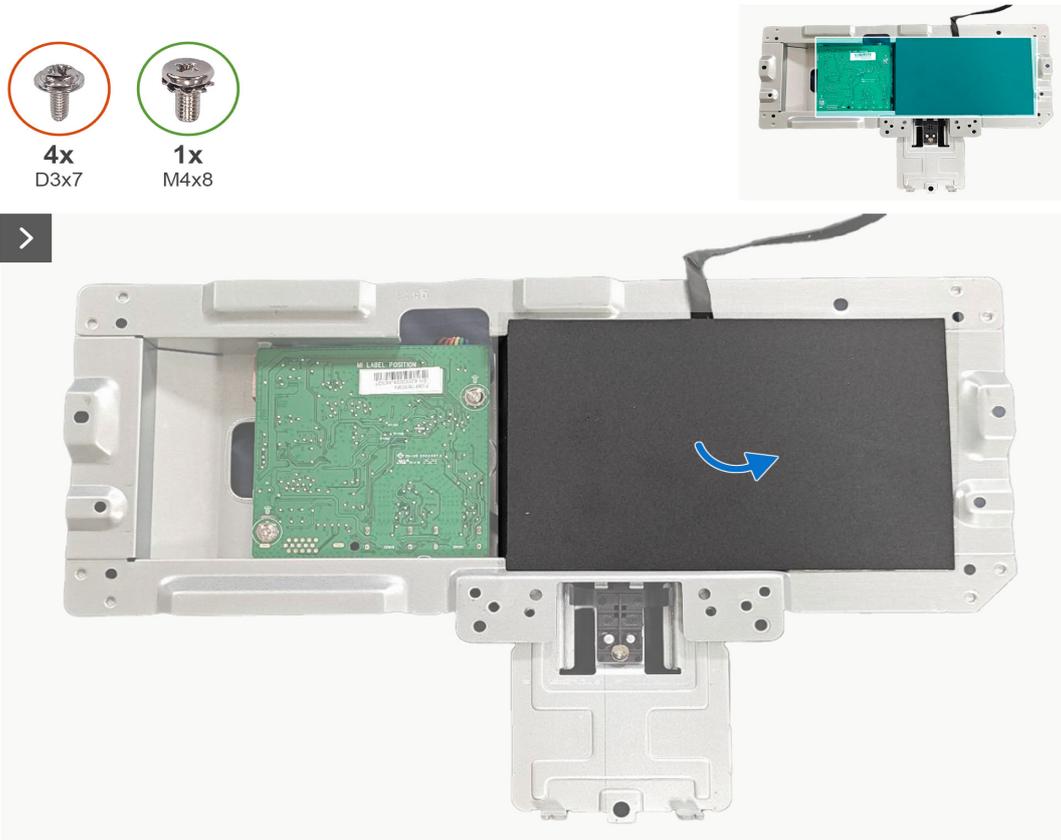

Figure 24.   Removing the power board
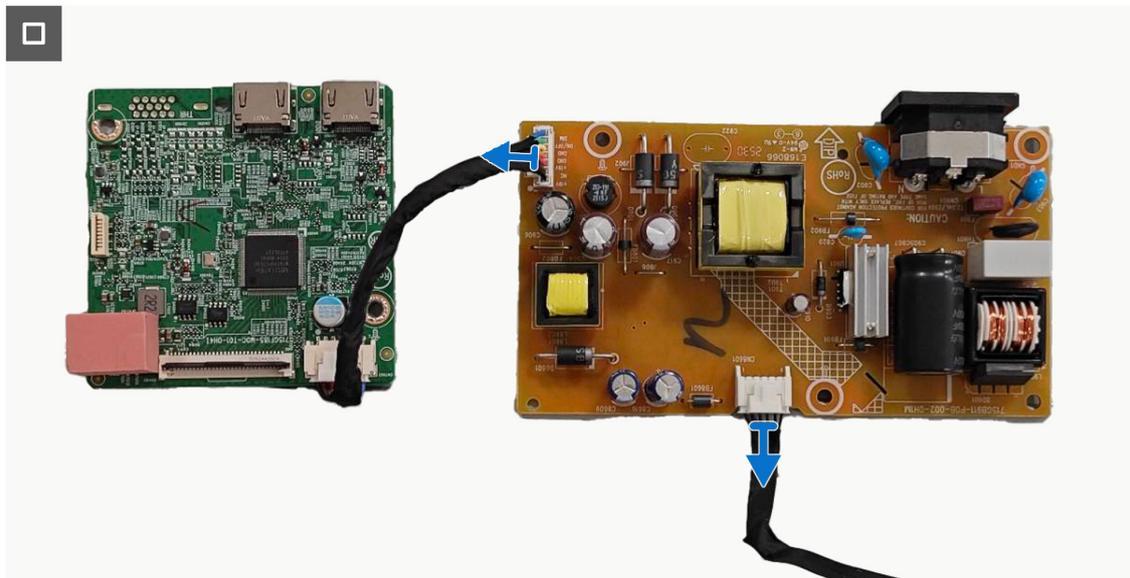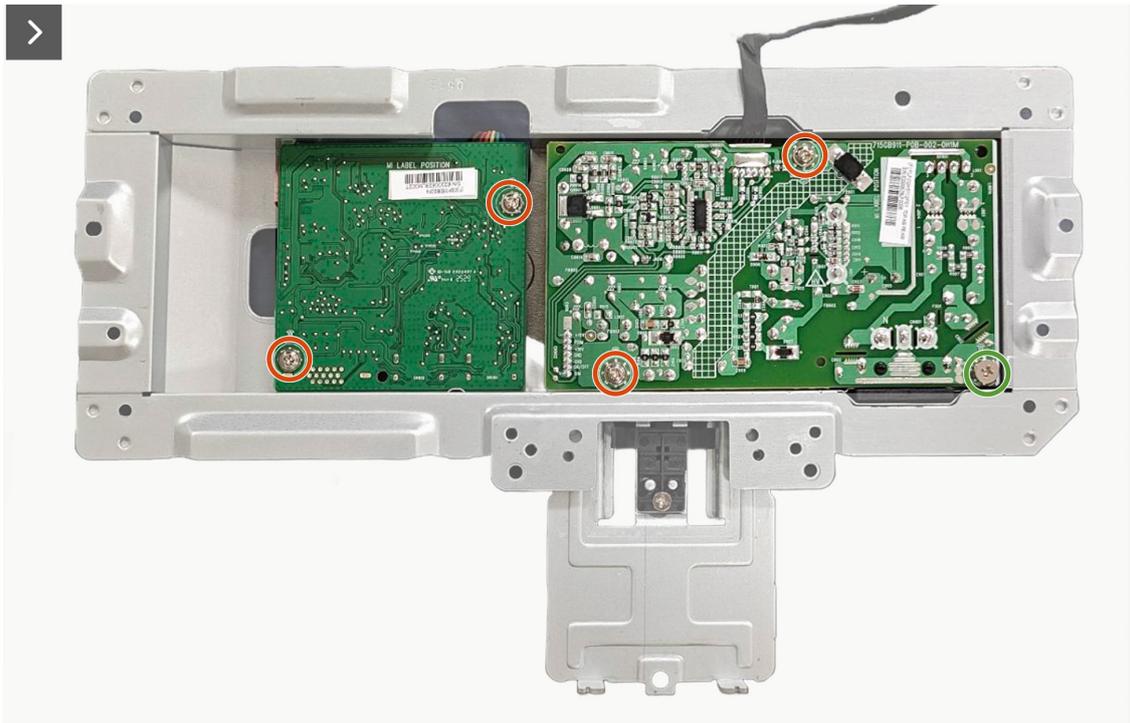
Figure 25. Removing the power board

Installing the power board

Steps

1. Connect the lightbar cable and the power cable to their connectors on the power board.
2. Place the power board and system board into the slot on the chassis.
3. Replace two screws (D3x7) that secure the power board to the chassis.
4. Replace the two screws (D3x7) and the screw (M4x8) that secure the power board to the chassis.
5. Adhere the mylar tape to the power board.
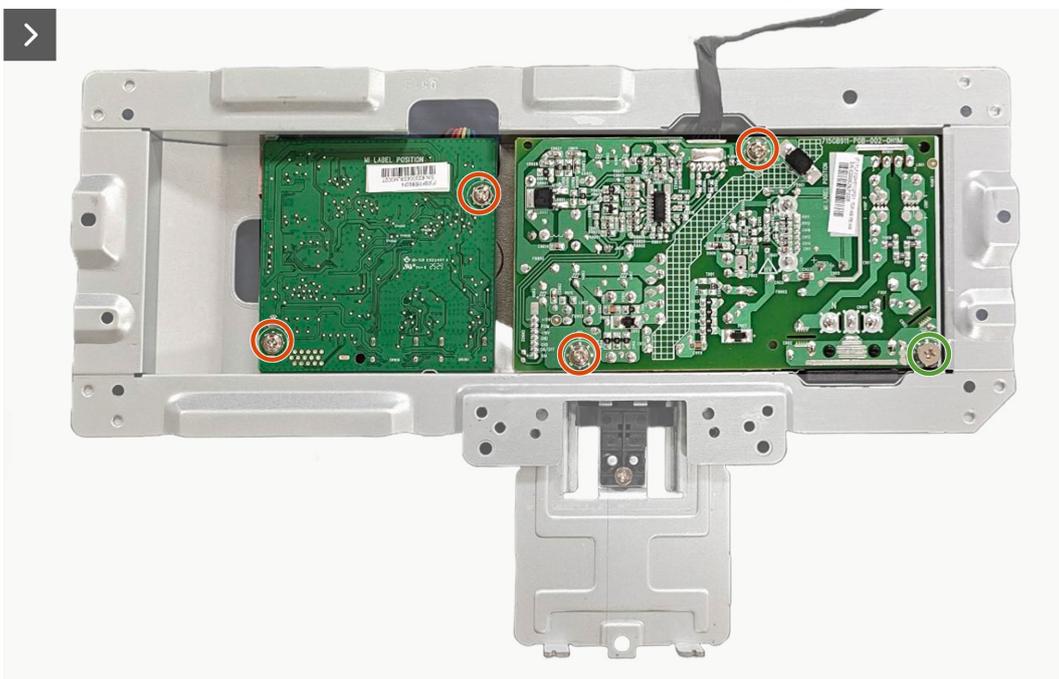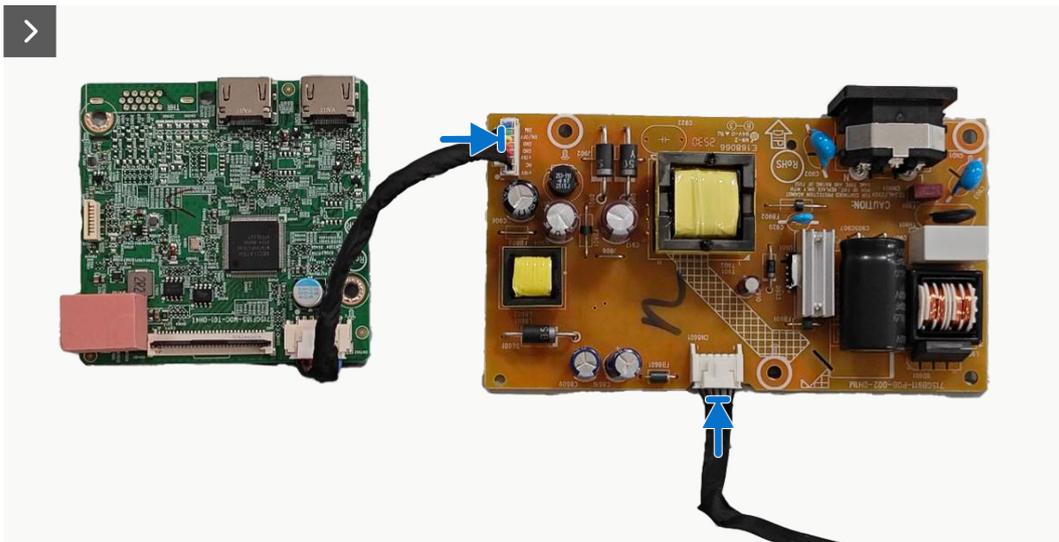
Figure 26.   Installing the power board

Figure 27. Installing the power board

Next steps

1. Install the chassis assembly.
2. Install the back cover.
3. Install the stand.
4. Follow the procedure in After working inside your monitor.

System board

Removing the system board

Prerequisites

1. Follow the procedure in Before working inside your monitor.
2. Remove the stand.
3. Remove the back cover.
4. Remove the chassis assembly.
5. Remove the power board.

Steps

1. Disconnect the power cable from the connectors on the system board.

Figure 28.   Removing the system board

Installing the system board

Steps

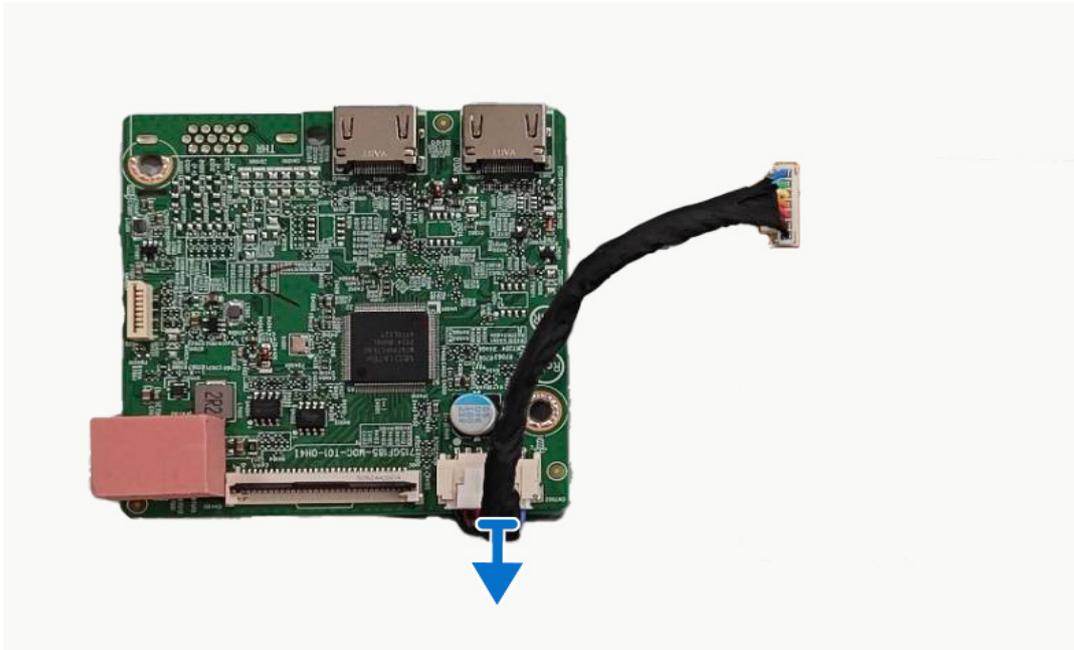1. Connect the power cable to the connectors on the system board.
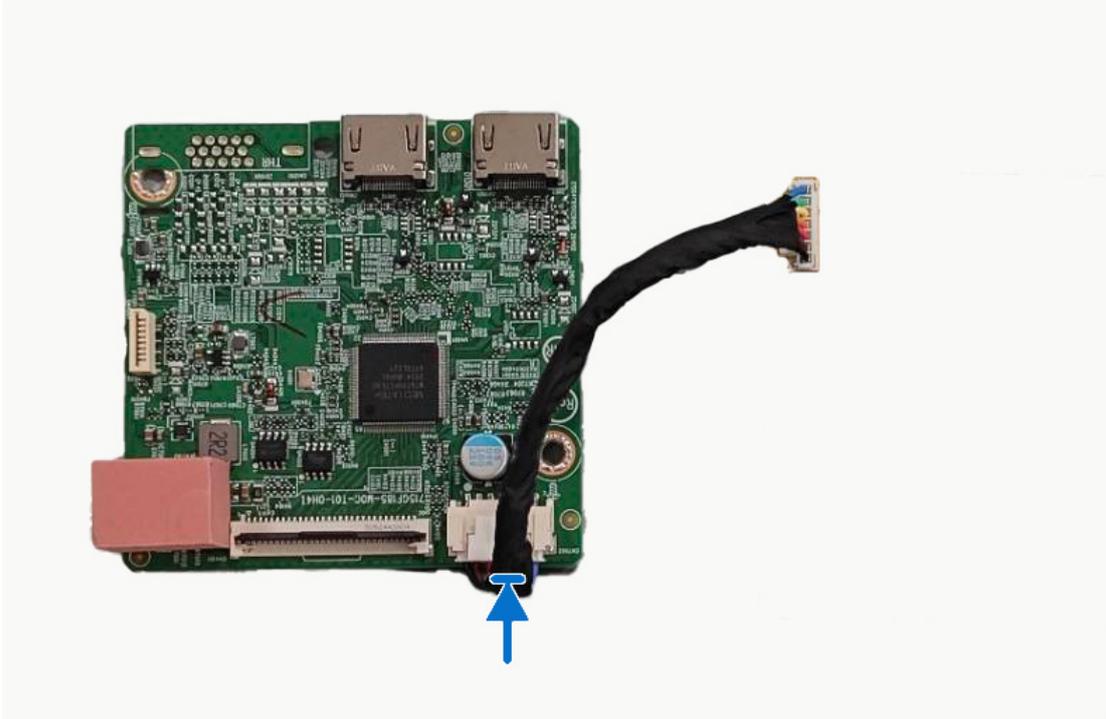
Figure 29.   Installing the system board

Next steps

1. Install the power board.
2. Install the chassis assembly.
3. Install the back cover.
4. Install the stand.
5. Follow the procedure in After working inside your monitor.

Troubleshooting

⚠ **WARNING: Before you begin any of the procedures in this section, follow the** Safety Instructions**.**

Self-Test

Your monitor provides a self-test feature that allows you to check if your monitor is functioning properly. If your monitor and computer are properly connected but the monitor screen remains dark, run the monitor self-test by performing the following steps:

1. Turn off both your computer and the monitor.
2. Disconnect all video cables from the monitor. This way, the computer does not have to be involved.
3. Turn on the monitor.

If the monitor is working correctly, it detects that there is no signal and one of the following messages appears. While in self-test mode, the power LED remains white.

Figure 30. HDMI cable disconnected warning message

ⓘ **NOTE:** This box also appears on the monitor screen, if the video cable is disconnected or damaged.

4. Turn off your monitor and reconnect the video cable; then turn on your computer and the monitor.

If your monitor remains dark after you reconnect the cables, check your video controller and computer.

Onboard diagnostics

Your monitor has an onboard diagnostic tool that helps you determine if any screen abnormality you experience is an inherent problem with your monitor, or with your computer and video card.
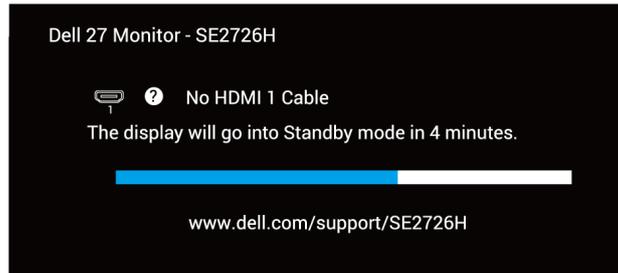
ⓘ **NOTE:** You can run the onboard diagnostics only when the video cable is unplugged and the monitor is in self-test mode.
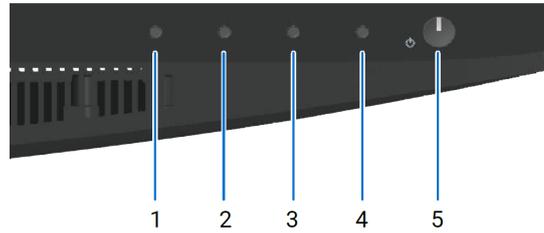
Figure 31.   Control buttons

Table 8.   **Control buttons**

	Description
1	Button 1
2	Button 2
3	Button 3
4	Button 4
5	Power button

To run the onboard diagnostics:

1. Ensure that the screen is clean (no dust particles on the surface of the screen).
2. Press and hold **Button 4** for about 4 seconds and wait for a pop-up menu.
3. Use **Button 1** or **2** to select the 🖥 and press ✅ to confirm.
   A gray test pattern appears at the beginning of the diagnostic program.
4. Carefully inspect the screen for abnormalities.
5. Press **Button 1** to change the test patterns.
6. Repeat steps 4 and 5 to inspect red, green, blue, black, white and text screens.
   While on the white test screen, check for color uniformity. If the white screen appears greenish, reddish, or otherwise tinted, note the color issues.
7. Press **Button 1** to end the diagnostic program.

The test is completed when the text pattern screen appears. To exit, press the Up button (**Button 1**) again.

If you do not detect any screen abnormalities upon using the onboard diagnostic tool, the monitor is functioning properly. Check the video card and computer.

Common problems

The following table contains general information about common monitor problems that you might encounter and the possible solutions:

Table 9.   Common problems.

Common Symptoms	Possible Solutions
No video/power LED off	Ensure that the video cable connecting the monitor and the computer is properly connected and secure. Verify that the power outlet is functioning properly using any other electrical equipment. Ensure that the power button is pressed. Ensure that the correct input source is selected through then Input Source menu.
No video/power LED on	Increase brightness and contrast controls using the OSD. Perform monitor self-test feature check. Check for bent or broken pins in the video cable connector. Run the onboard diagnostics. Ensure that the correct input source is selected through the Input Source menu.
Poor focus	Eliminate video extension cables. Reset the monitor to factory settings (**Factory Reset).** Change the video resolution to the correct aspect ratio.
Shaky or jittery video	Reset the monitor to factory settings **(Factory Reset)**. Check environmental factors. Relocate the monitor and test in another room.
Missing pixels	Cycle power On-Off. A pixel that is permanently Off is a natural defect that can occur in LCD technology. For more information about Dell Monitor Quality and Pixel Policy, see Dell Support site at: Dell Display Pixel Guidelines.
Stuck-on pixels	Cycle power On-Off. A pixel that is permanently off is a natural defect that can occur in LCD technology. For more information about Dell Monitor Quality and Pixel Policy, see Dell Support site at: Dell Display Pixel Guidelines.
Brightness problems	Reset the monitor to factory settings (**Factory Reset**). Adjust brightness and contrast controls through OSD.
Geometric distortion	Reset the monitor to factory settings (**Factory Reset**). Adjust horizontal and vertical controls through OSD.
Horizontal or vertical lines	Reset the monitor to factory settings (**Factory Reset**). Perform monitor self-test feature check and determine if these lines are also in self-test mode. Check for bent or broken pins in the video cable connector. Run the onboard diagnostics.
Synchronization problems	Reset the monitor to factory settings (**Factory Reset**). Perform a monitor self-test feature check to determine if the scrambled screen appears in self-test mode. Check for bent or broken pins in the video cable connector. Restart the computer in the safe mode.

Common Symptoms	Possible Solutions
Safety-related issues	Do not perform any troubleshooting steps. Contact Dell immediately.
Intermittent problems	Ensure that the video cable connecting the monitor to the computer is connected properly and is secure. Reset the monitor to factory settings (**Factory Reset**). Perform a monitor self-test feature check to determine if the intermittent problem occurs in self-test mode.
Missing color	Perform a monitor self-test feature check. Ensure that the video cable connecting the monitor to the computer is connected properly and is secure. Check for bent or broken pins in the video cable connector.
Wrong color	Try different **Preset Modes** in **Color** settings OSD. Adjust **R/G/B** value in **Custom Color** in **Color** settings OSD. Change the **Input Color Format** to **RGB** or **YCbCr** in the **Color settings** OSD. Run the onboard diagnostics.
Image retention from a static image left on the monitor for a long time	Set the screen to turn off after a few minutes of screen idle time. These can be adjusted in the Windows Power Options or Mac Energy Saver setting. Alternatively, use a dynamically changing screensaver.
Video ghosting or overshooting	Change the **Response Time** in the **Display** OSD to **Normal** or **Fast** depending on your application and usage.

Product-specific problems

Table 10.   Product-specific problems.

Specific Symptoms	Possible Solutions
The screen image is too small	Check the **Aspect Ratio** setting in the **Display** settings OSD. Reset the monitor to factory settings (**Factory Reset**).
Cannot adjust the monitor with the buttons on the bottom of the panel	Turn off the monitor, unplug the power cable, plug it back, and then turn on the monitor. Check if the OSD menu is locked. If yes, press and hold the Exit button (button 4) for four seconds to unlock.
No Input Signal when user controls are pressed	Check the signal source. Ensure that the computer is not in Standby Mode by moving the mouse or pressing any key on the keyboard. Check if the video cable is plugged in properly. Disconnect and reconnect the video cable if necessary. Reset the computer or video player.
The picture does not fill the entire screen	Due to different video formats (aspect ratio) of DVDs, the monitor may display in full screen. Run the onboard diagnostics.

Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see Contact Support at [Dell Support Site](#).

ⓘ **NOTE:** Availability varies by country, region, or product, and some services may not be available in your location.

ⓘ **NOTE:** If you do not have an active Internet connection, you can find contact information about your purchase invoice, packing slip, bill, or Dell product catalog.

Revision History

The following table provides the revision history of this document:

Table 11. Revision History.

Revision	Date	Description
A00	December 2025	Original publish date