

Dell 22 Monitor

SE2225HM

Teardown Instructions

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.

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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 monitor that support 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 hit 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 the cables.
- 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 that are marked on 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

- Save and close all open files and exit all open applications.
- Turn off your monitor.
- Disconnect your monitor and all attached devices from their electrical outlets.
- 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.
- 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. Protecting Against Electrostatic Discharge.

Steps

- Replace all screws and ensure that no stray screws remain inside your monitor.
- Connect any external devices, peripherals, or cables you removed before working on your monitor.
- Replace any media cards, discs, or any other parts that you removed before working on your monitor.
- Connect your monitor and all attached devices to their electrical outlets.
- Turn on your 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

The procedures in this document may require the following 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 monitors 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 1. Screw list

Component	Screw type	Quantity	Screw image
Back cover	M3x8	1	
Back cover	M3x6	1	
Interface board assembly	M3x5	2	
Interface board	M3x6	3	
Interface board	M4x6	1	

Stand

Removing the stand

Prerequisites

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

Steps

1. Place the monitor on a soft cloth along the desk.
2. Use a long and thin screwdriver to push 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.

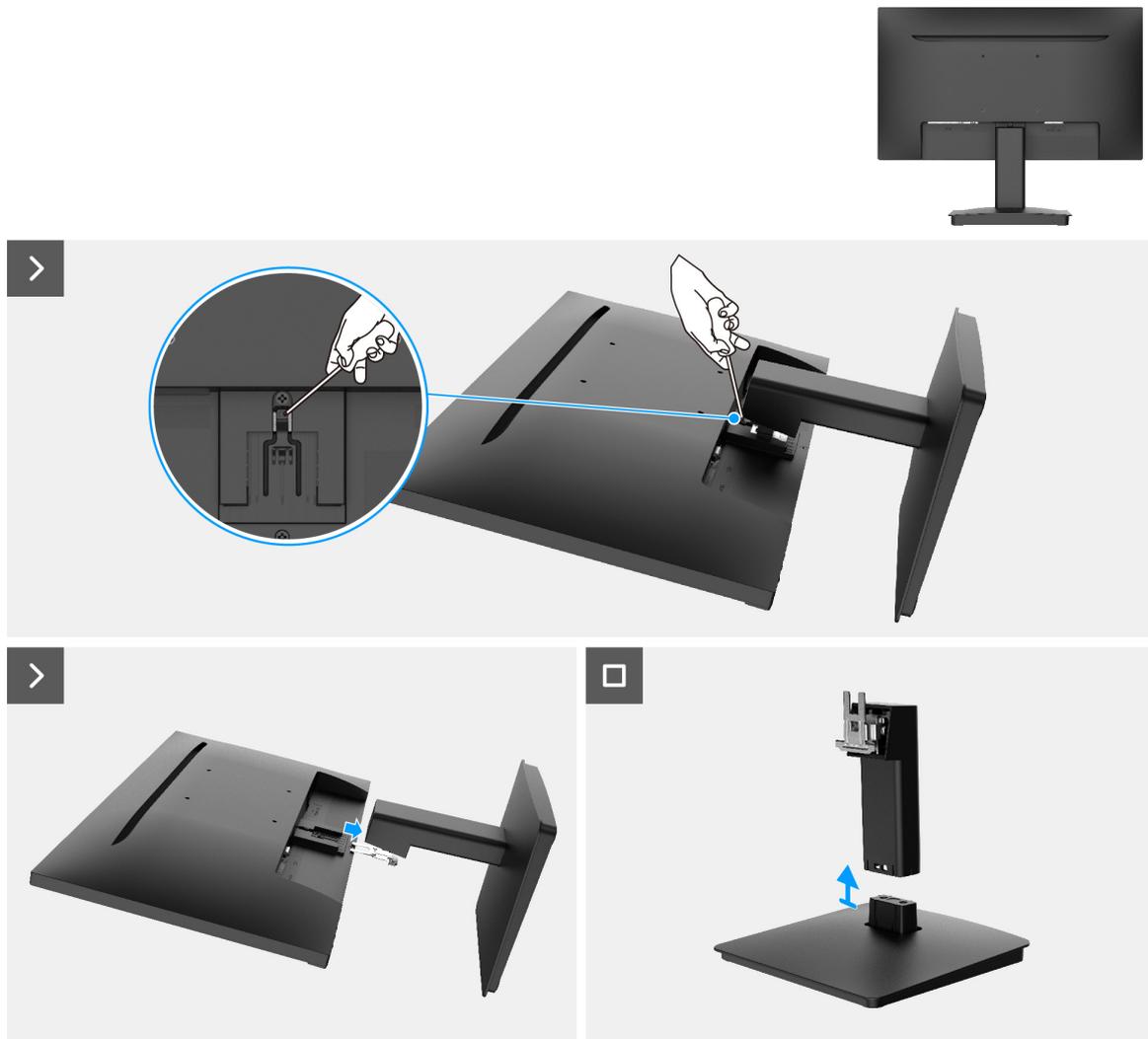


Figure 1. Removing the stand

Installing the stand

Steps

1. Align the stand-riser bracket with the grooves at the back of the monitor.
2. Slide the stand assembly until it snaps into place.



Figure 2. Installing the stand

Next steps

1. 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 screw (M3x8) that secures the back cover to the chassis.
2. Remove the screw (M3x6) that secures the back cover to the chassis.
3. Using the plastic scribe, pry the back cover starting from the bottom edge of the monitor.
4. Lift and remove the back cover away from the monitor.

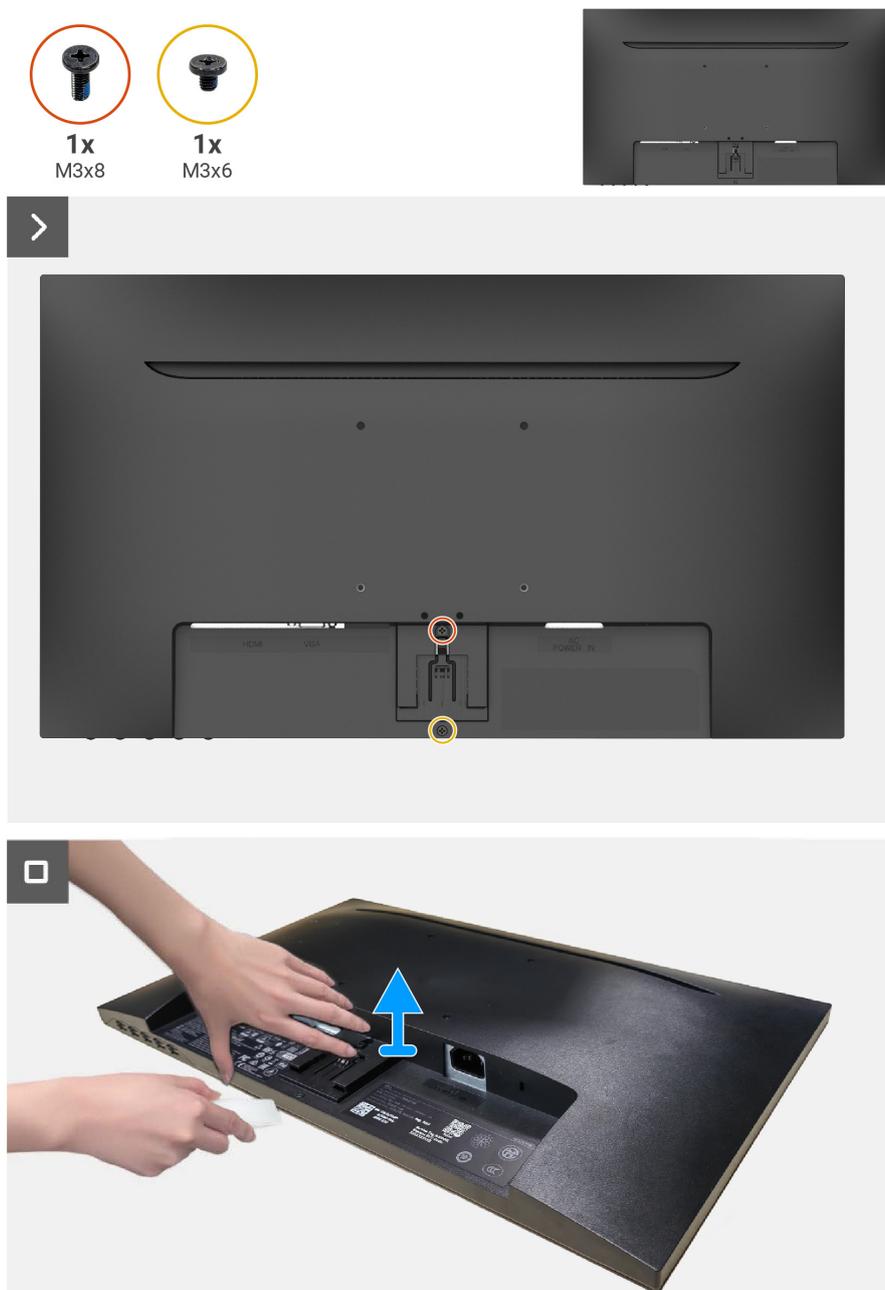


Figure 3. Removing the back cover

Installing the back cover

Steps

1. Align the back cover with the chassis and snap it into place.
- ① **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 screw (M3x8) that secures the back cover to the monitor.
3. Replace the screw (M3x6) that secures the back cover to the monitor.

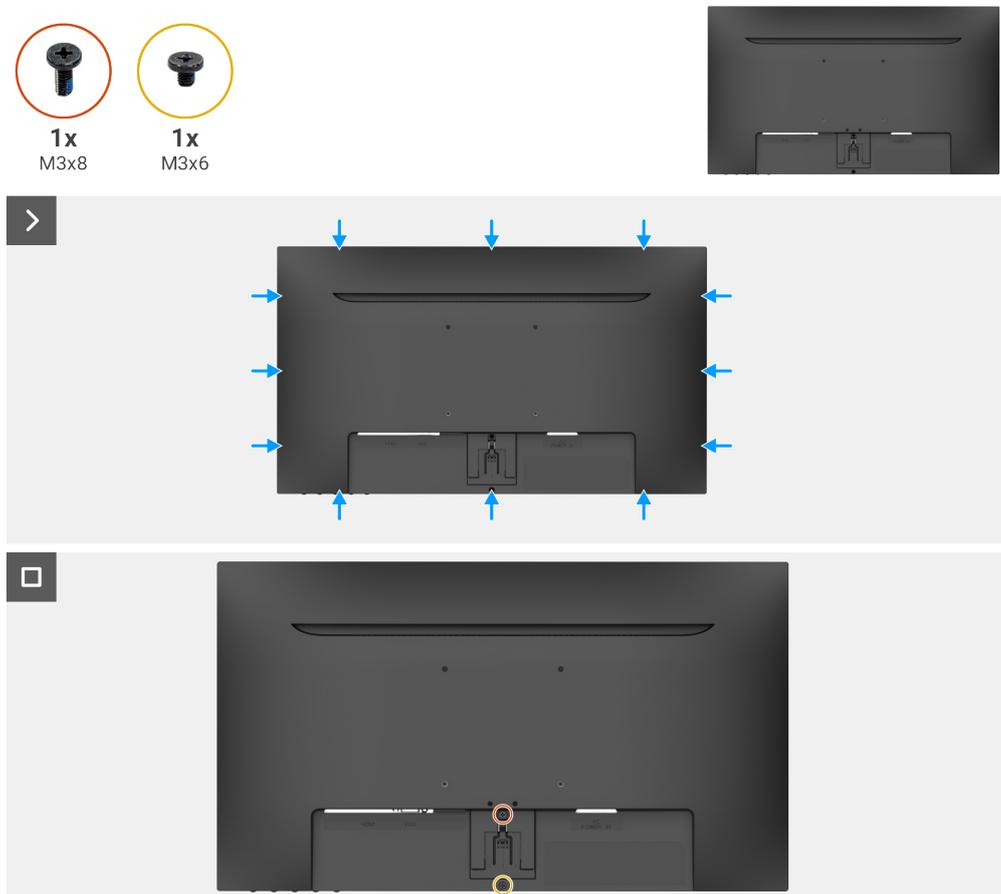


Figure 4. Installing the back cover

Next steps

1. Install the [stand](#).
2. 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](#).

Steps

1. Pull out the keypad board from the deco card slot.
2. Open the latch and disconnect the keypad board cable from the connector on the keypad board.
3. Lift and remove the keypad board away from the back cover.

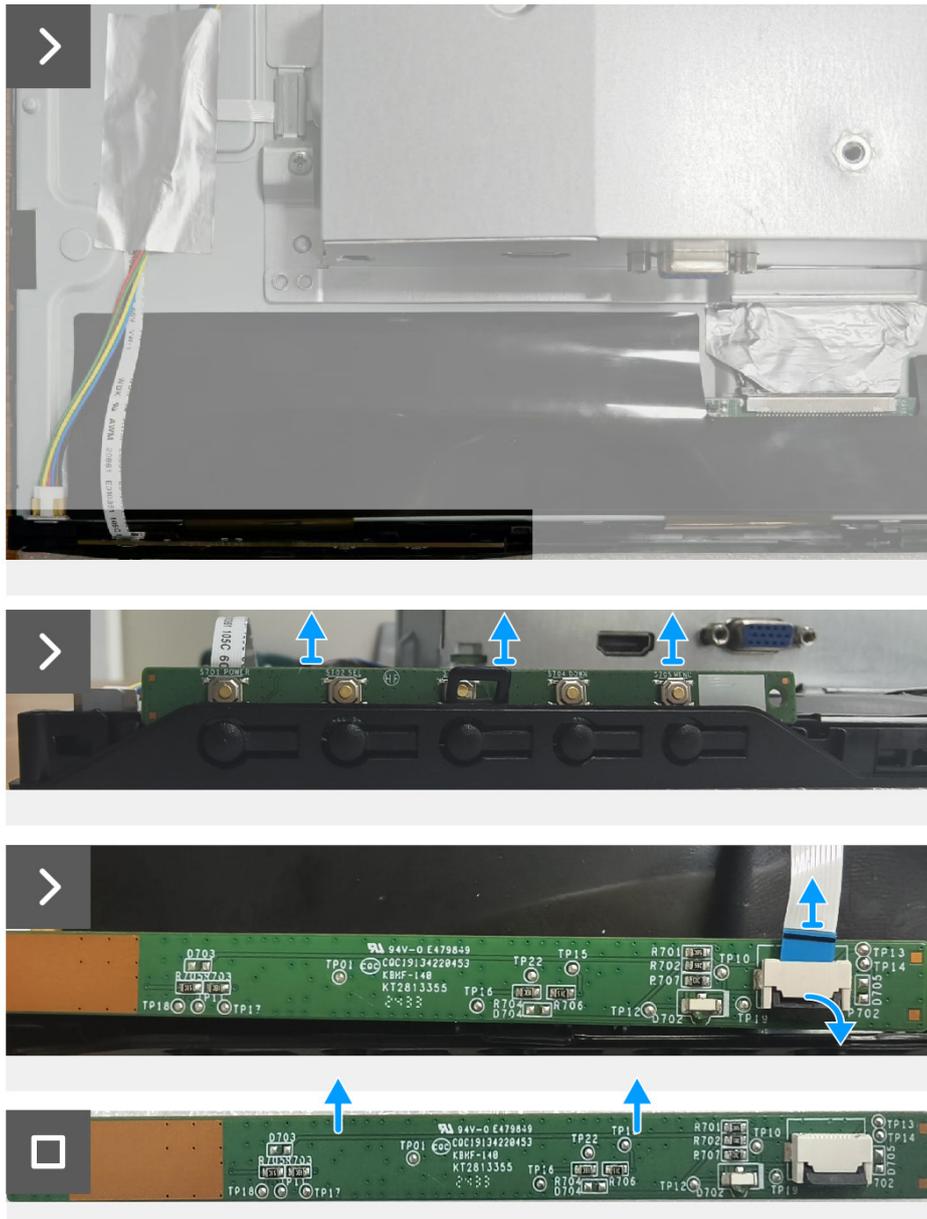


Figure 5. Removing the keypad board

Installing the keypad board

Steps

1. Slide the keypad board cable into its connector on the keypad board and close the latch to secure it in place.
2. Slide the keypad board firmly into the slot at an angle and press keypad board down until it clicks into place.

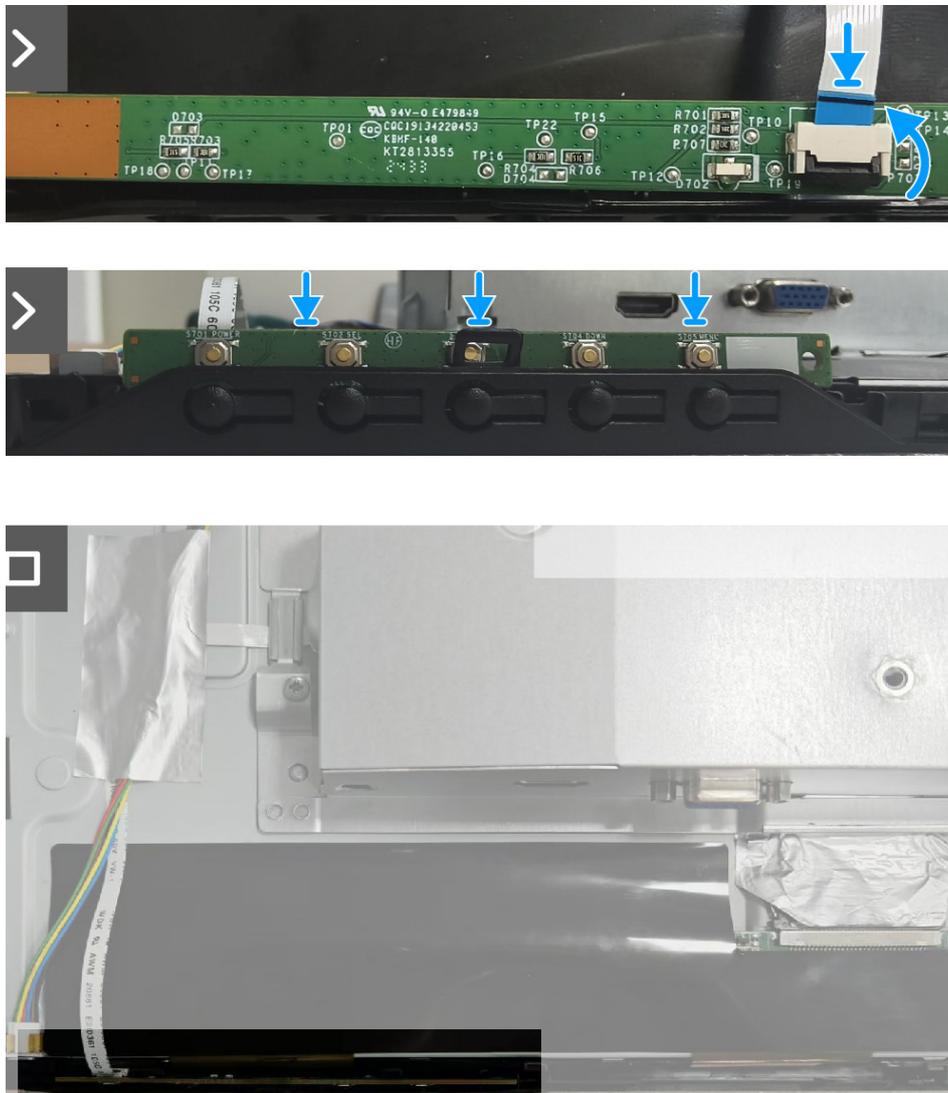


Figure 6. Installing the keypad board

Next steps

1. Install the [back cover](#).
2. Install the [stand](#).
3. Follow the procedure in [After working inside your monitor](#).

Interface board assembly

Removing the interface board assembly

Prerequisites

1. Follow the procedure in [Before working inside your monitor](#).
2. Remove the [stand](#).
3. Remove the [back cover](#).
4. Remove the [keypad board](#).

Steps

1. Remove the two screws (M3x5) that secure the interface board assembly to the display panel.
2. Peel the tapes that secure the lightbar board cable to the display panel.
3. Disconnect the lightbar board cable from the display panel.
4. Peel the tape that secures the EDP cable connector to the display panel.
5. Disconnect the EDP cable from the display panel.
6. Lift the interface board assembly from the display panel.



2x
M3x5

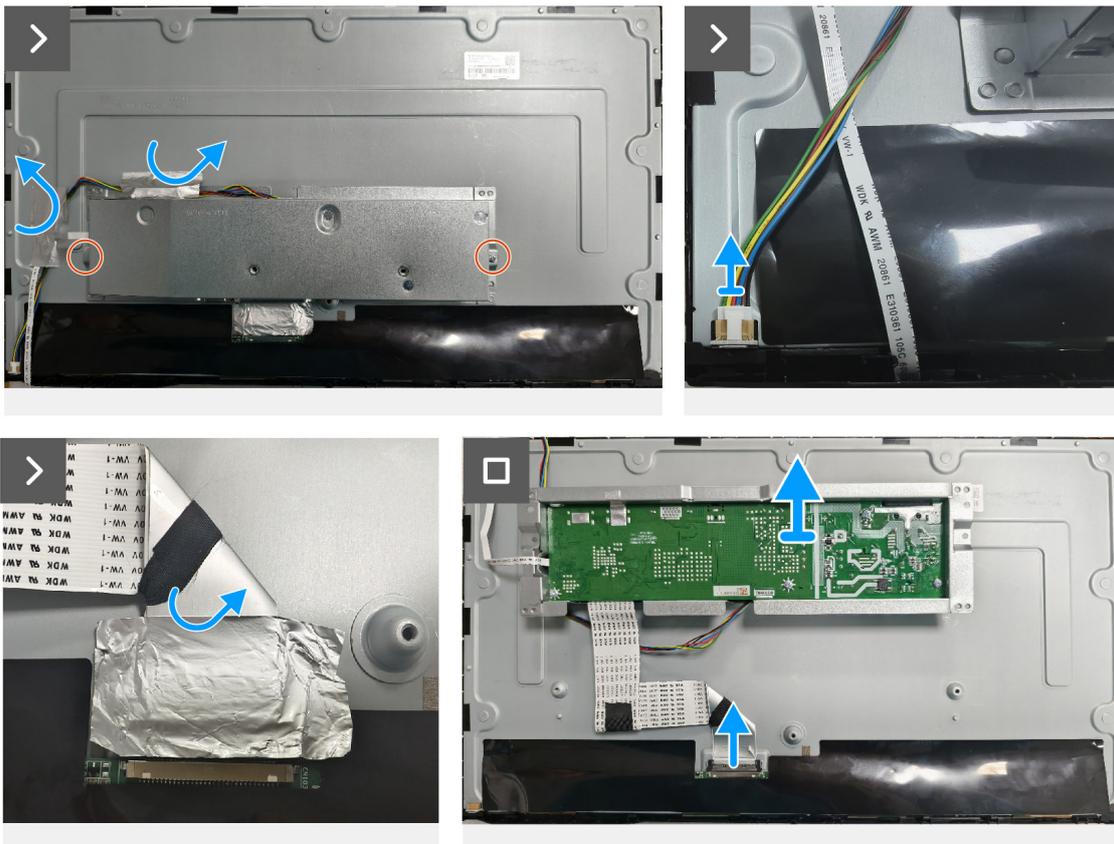


Figure 7. Removing the interface board assembly

Installing the interface board assembly

Steps

1. Connect the EDP cable to the display panel.
2. Adhere the tape that secures the EDP cable connector to the display panel.
3. Connect lightbar board cable to the display panel.
4. Adhere the tapes that secure the lightbar board cable to the display panel.
5. Align the screw holes on the interface board assembly with the screw holes on the display panel.
6. Replace the two screws (M3x5) that secure the interface board assembly to the display panel.

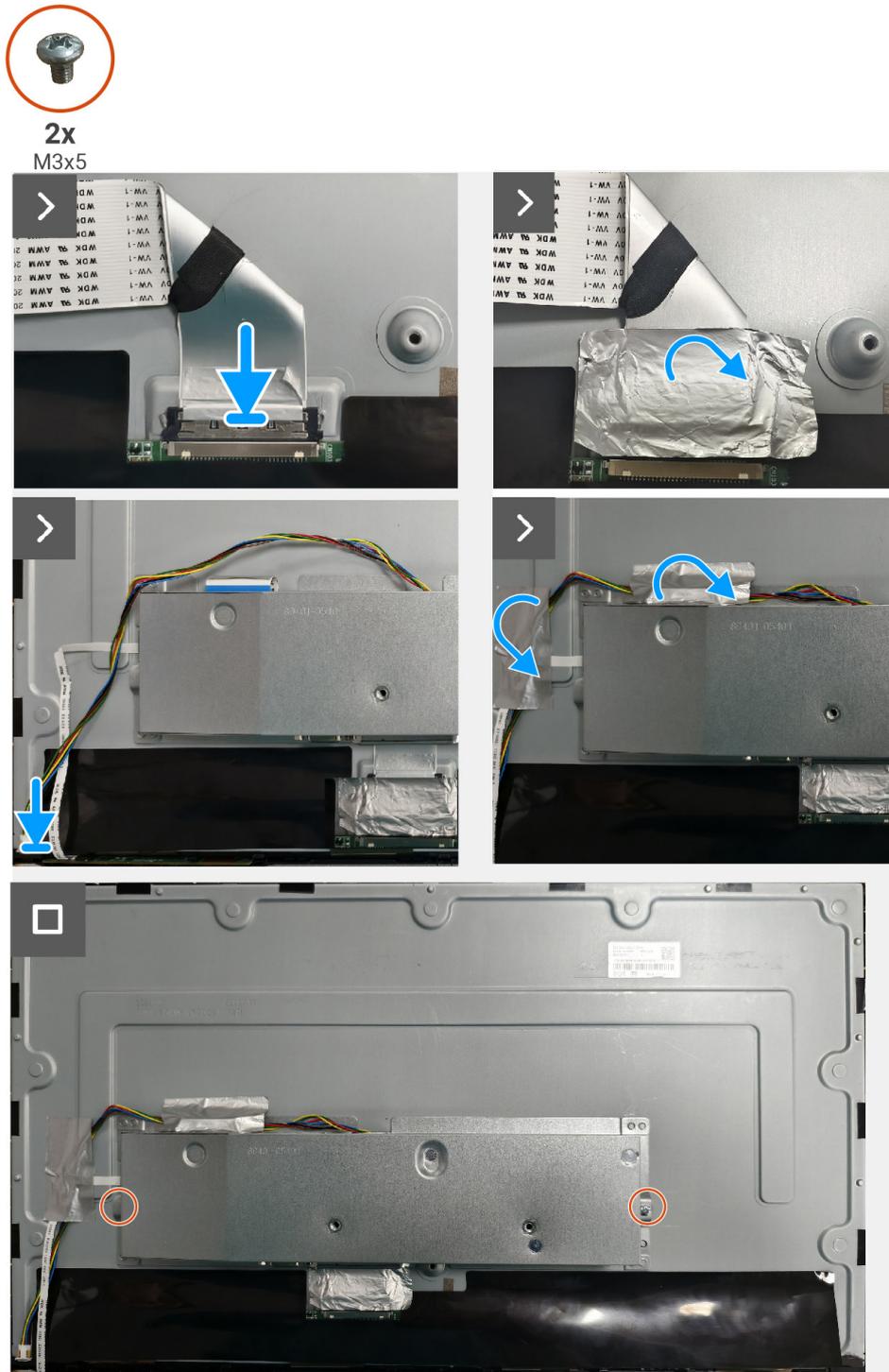


Figure 8. Installing the interface board assembly

Next steps

1. Install the [keypad board](#).
2. Install the [back cover](#).
3. Install the [stand](#).
4. Follow the procedure in [After working inside your monitor](#).

Interface board

Removing the interface board

Prerequisites

1. Follow the procedure in [Before working inside your monitor](#).
2. Remove the [stand](#).
3. Remove the [back cover](#).
4. Remove the [keypad board](#).
5. Remove the [interface board assembly](#).

Steps

1. Remove three screws (M3x6) that secure the interface board to its bracket.
2. Remove the screw (M4x6) and lift the interface board away from its bracket.
3. Open the latch and disconnect the keypad board cable from the interface board.
4. Open the latch and disconnect the EDP cable from the interface board.

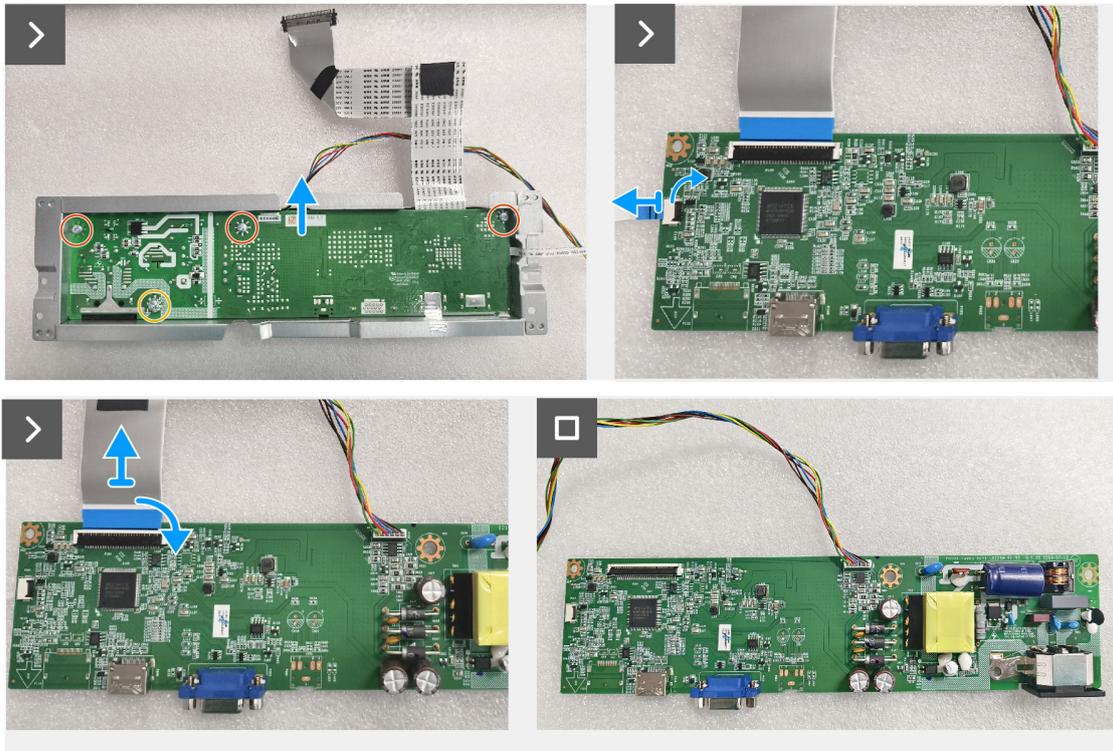


Figure 9. Removing the interface board

Installing the interface board

Steps

1. Slide the EDP cable into its connector on the interface board and close the latch to secure it in place.
2. Slide the keypad board cable into its connector on the interface board and close the latch to secure it in place.
3. Replace the three screws (M3x6) that secure the interface board to its bracket.
4. Replace the screw (M4x6) that secures the interface board to its bracket.

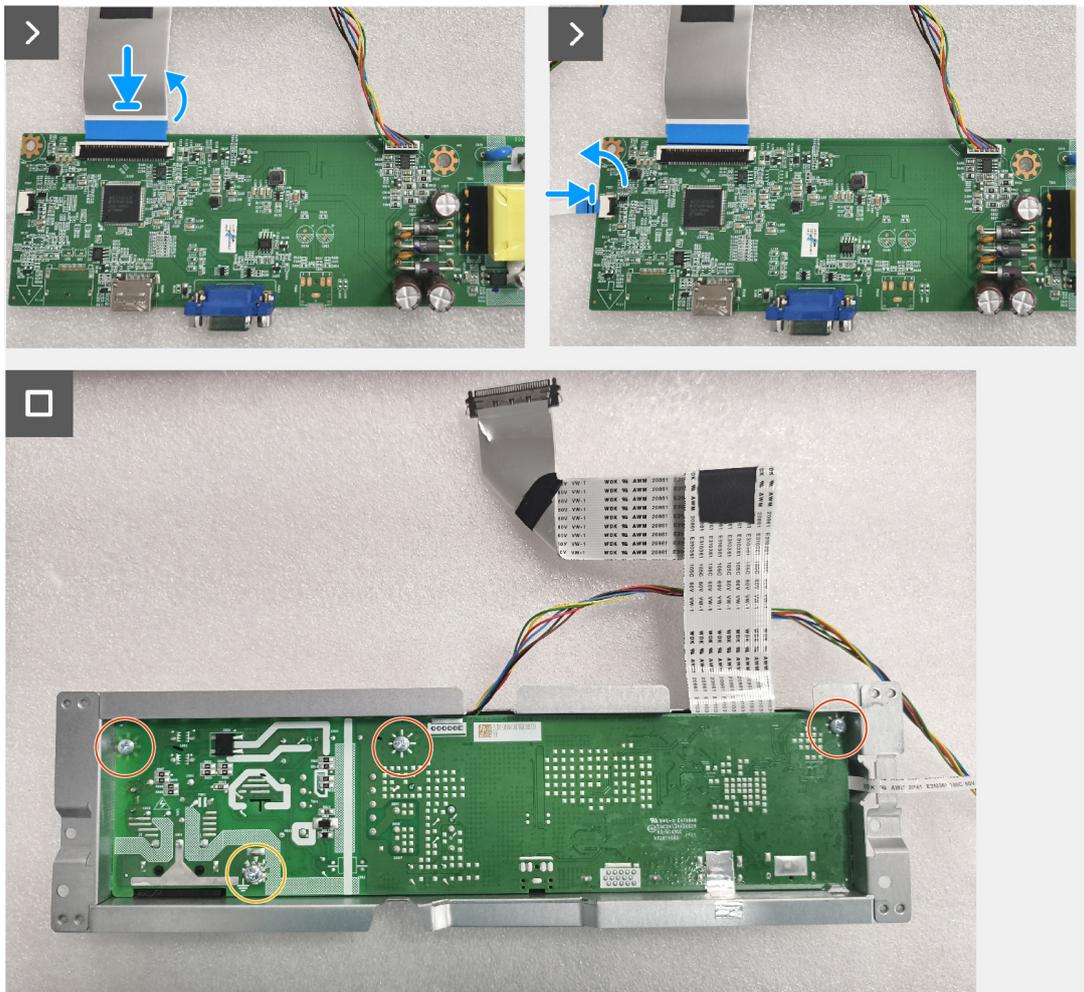


Figure 10. Installing the interface board

Next steps

1. Install the [interface board assembly](#).
2. Install the [keypad board](#).
3. Installing the [back cover](#).
4. Install the [stand](#).
5. Follow the procedure in [After working inside your monitor](#).

Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see www.dell.com/contactdell.

- ① **NOTE:** Availability varies by country and product, and some services may not be available in your country.
- ① **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