

Dell Pro 24 Monitor E2426H

Teardown Instruction

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 was 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 cause damage to 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 at room temperature. Excessively 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. For more information, 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 vibrations or high impact conditions. For example, do not place the monitor inside a car trunk.
- Unplug the monitor when it is left unused for an extended period.
- To avoid getting an 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 the product.
- Certain monitors can be wall-mounted using the VESA mount that is sold separately. Ensure you use the correct VESA specifications as mentioned in the wall-mounted 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 the devices attached from their electrical outlets.
- Disconnect all the attached network devices and peripherals, such as the keyboard, the mouse, and the dock from your monitor.

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

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

After working inside your monitor

CAUTION: Leaving any loose or misplaced screws inside your monitor may severely damage it.

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 inside your monitor.
- Replace any media cards, discs, or any other parts that you removed before working inside your monitor.
- Connect your monitor and all the 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

- Phillips screwdriver #0
- 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 1. Screw list

Component	Screw type	Quantity	Screw image
Back cover VESA	M4x4.5	2	
Interface board	M3x6	2	
Power board	M3x6	2	
Power-board grounding	M4x9	1	
Chassis	M3x3	4	
Keypad	T3x6	2	
VGA port	#4-40x11.8	2	

Stand

Removing the stand

Prerequisites

1. Refer to [Before working inside your monitor](#) for more details on how to remove the stand from your monitor.

Steps

1. Place the monitor on a clean, flat surface or on a soft cloth or cushion.
2. Press the release button and tilt the stand upwards till the stand is separated from the monitor head.
3. Using a screwdriver, press the release button and pull the stand assembly away from the monitor.
4. Press the release tab at the bottom of the stand base and separate the stand riser from the stand base.

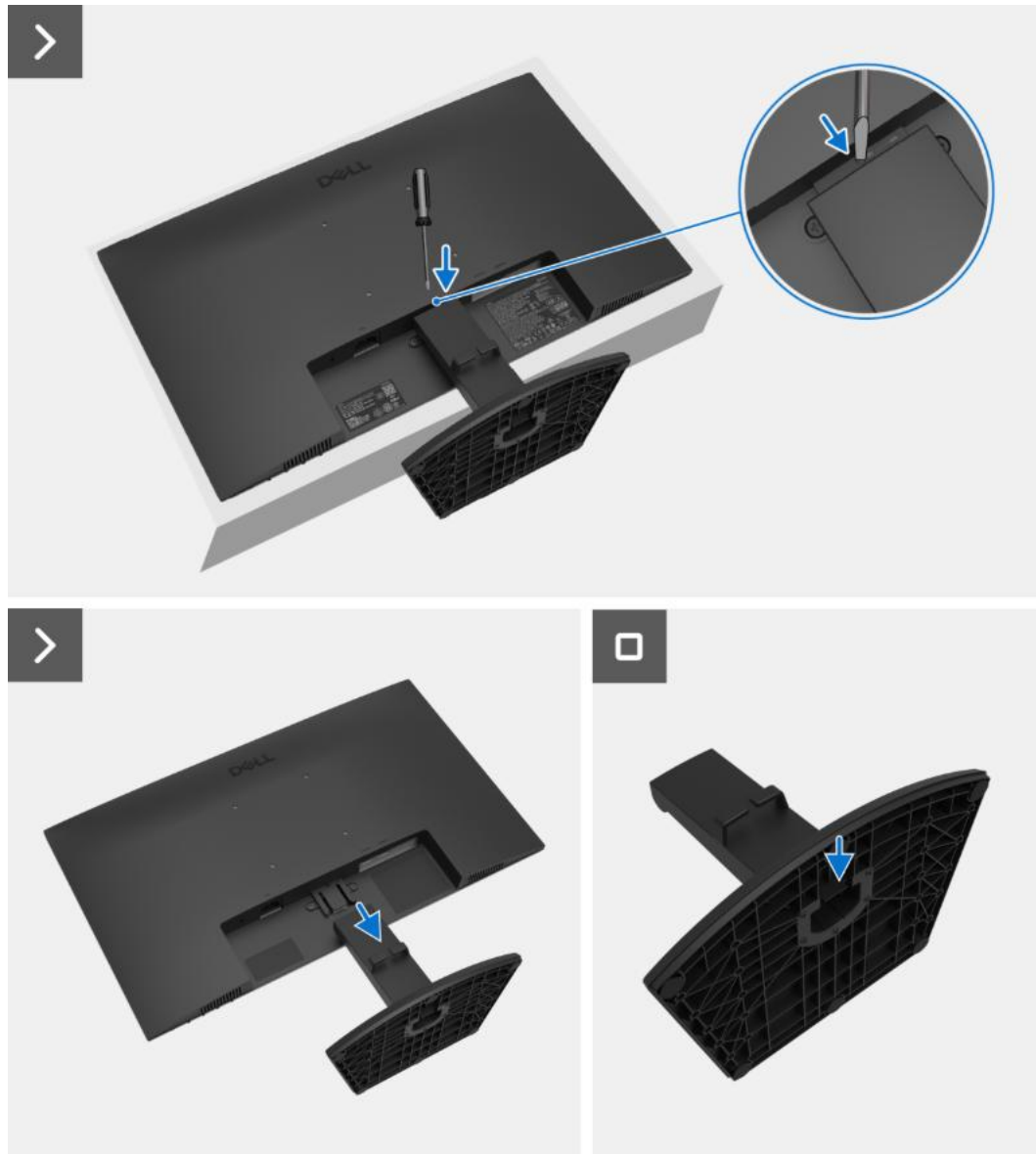


Figure 1. Removing the stand

Installing the stand

Steps

1. Align and insert the stand riser into the stand base until it snaps into place.
2. Slide the stand assembly into the grooves on the display back cover and snap it in place.



Figure 2. Installing the stand

Next steps

1. Follow the procedure in [After working inside your monitor](#) for more details.

Back cover

Removing the back cover

Prerequisites

1. Refer to [Before working inside your monitor](#) for more details on how to remove the back cover from your monitor.
2. [Removing the stand](#).

Steps

1. Remove the two screws (M4x4.5) that secure the back cover to the display panel.
2. Using both hands, gently pry the back cover up, starting from the top edge of the monitor.
3. Lift and secure the back cover, then disconnect the keypad cable and the speaker cable from the interface board.
4. Remove the back cover from the monitor.



2x
M4x4.5

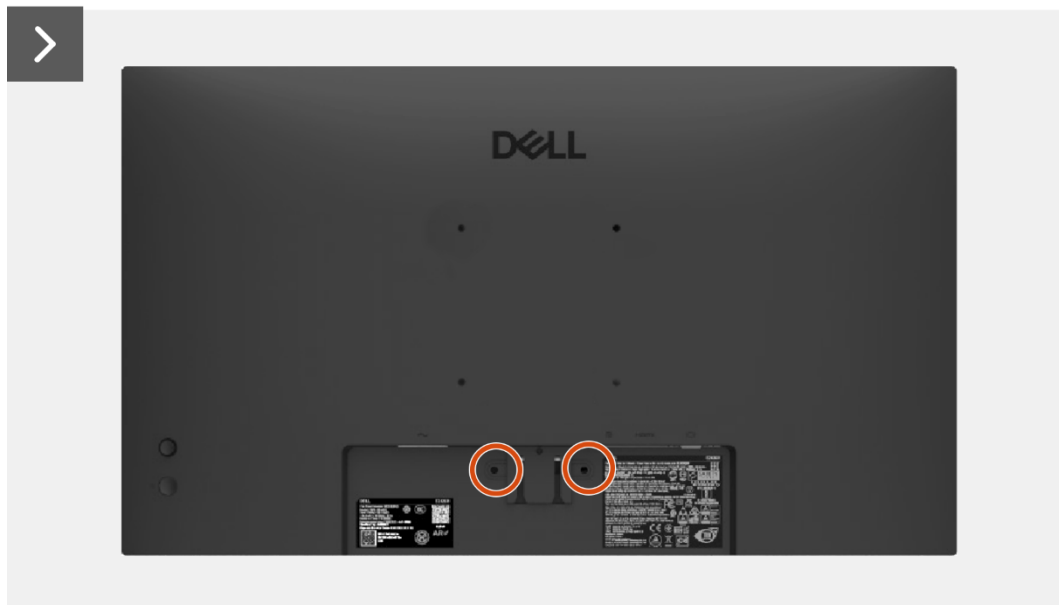


Figure 3. Removing the back cover



Figure 4. Removing the back cover

Installing the back cover

Steps

1. Lift the back cover up above the chassis.
2. Connect the keypad cable to the connector on the interface board.
3. Connect the speaker cable to the connector on the interface board.
4. Align the bottom edge of the display panel and the back cover, then press along the sides to snap the back cover into place.
5. Replace the four screws (M4x4.5) that secure the back cover to the monitor.



Figure 5. Installing the back cover



2x
M4x4.5

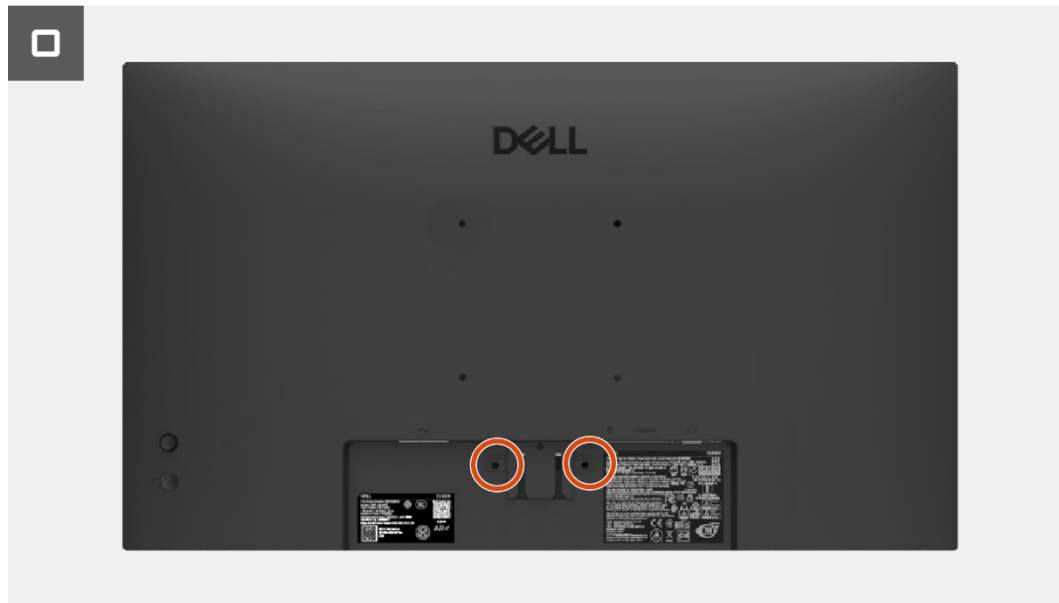


Figure 6. Installing the back cover

Next steps

1. [Installing the stand.](#)
2. Follow the procedure in [After working inside your monitor](#) for more details.

Keypad board

Removing the keypad board

Prerequisites

1. Refer to [Before working inside your monitor](#) for more details on how to remove the keypad board from your monitor.
2. [Removing the stand](#).
3. [Removing the back cover](#).

Steps

1. Remove the two screws (T3x6) that secure the keypad board to the back cover.
2. Peel the keypad cable from the back cover.
3. Remove the keypad board from the back cover.

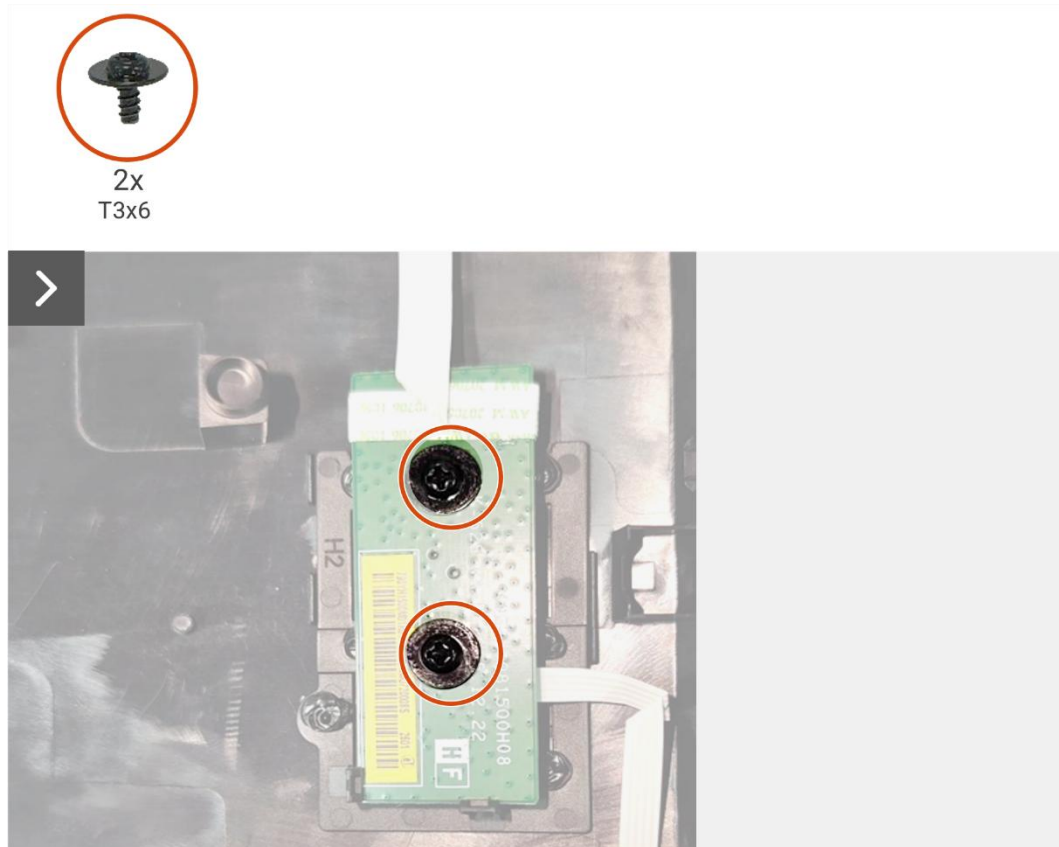


Figure 7. Removing the keypad board

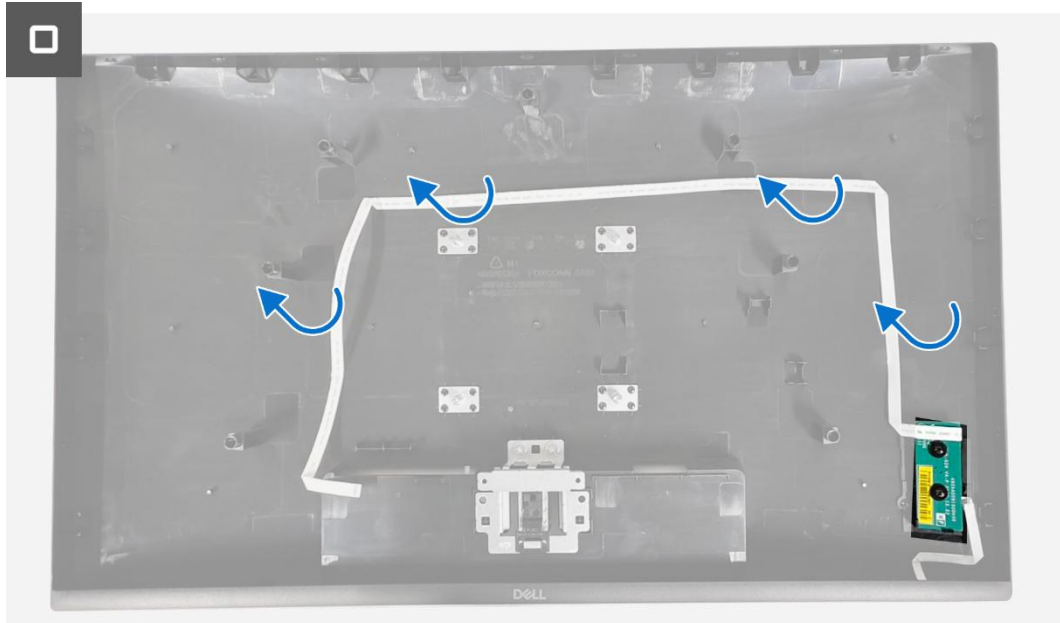


Figure 8. Removing the keypad board

Installing the keypad board

Steps

1. Align and place the keypad board on the back cover.
2. Replace the two screws (T3x6) that secure the keypad board to the back cover.
3. Attach the keypad cable to the back cover.

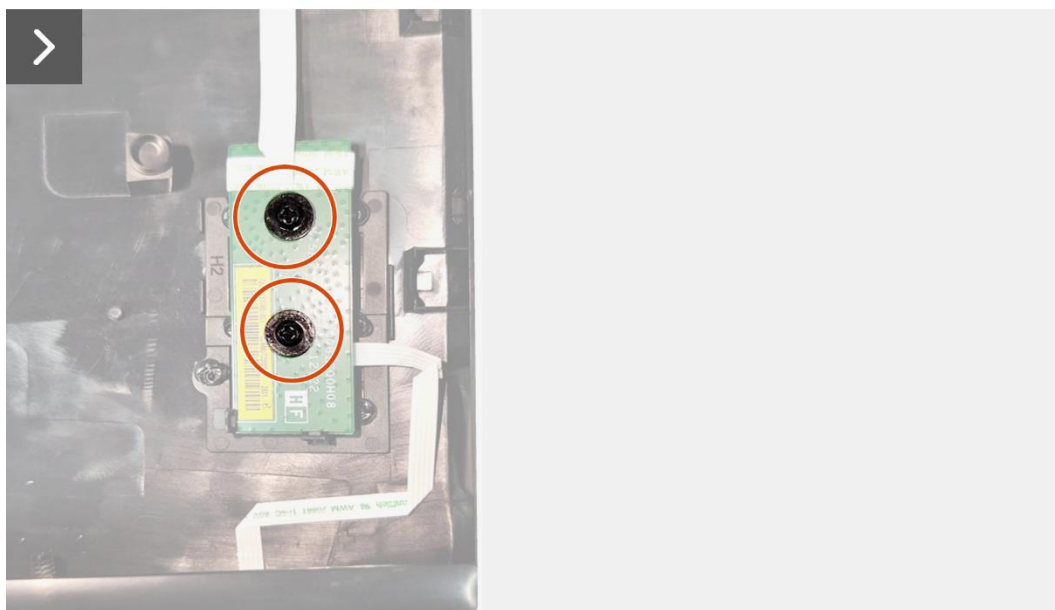


Figure 9. Installing the keypad board

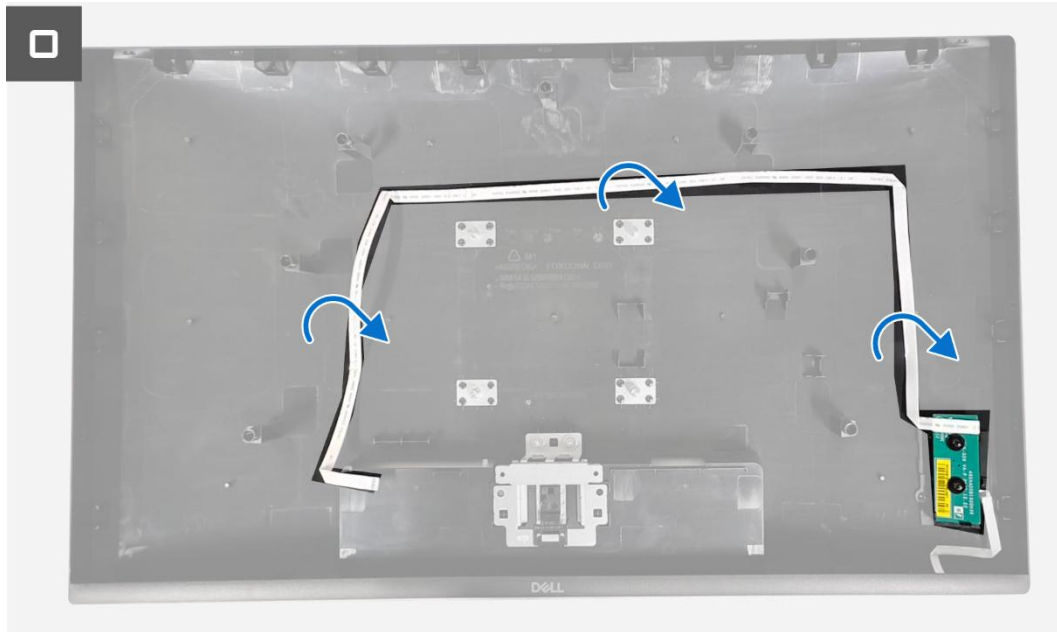


Figure 10. Installing the keypad board

Next steps

1. [Installing the stand.](#)
2. Follow the procedure in [After working inside your monitor](#) for more details.

LED board

Removing the LED board

Prerequisites

1. Refer to [Before working inside your monitor](#) for more details on how to remove the LED board from your monitor.
2. [Removing the stand](#).
3. [Removing the back cover](#).
4. [Removing the keypad board](#).

Steps

1. Peel the LED cable from the back cover.
2. Remove the mylar from the LED board.
3. Remove the LED board from the back cover.

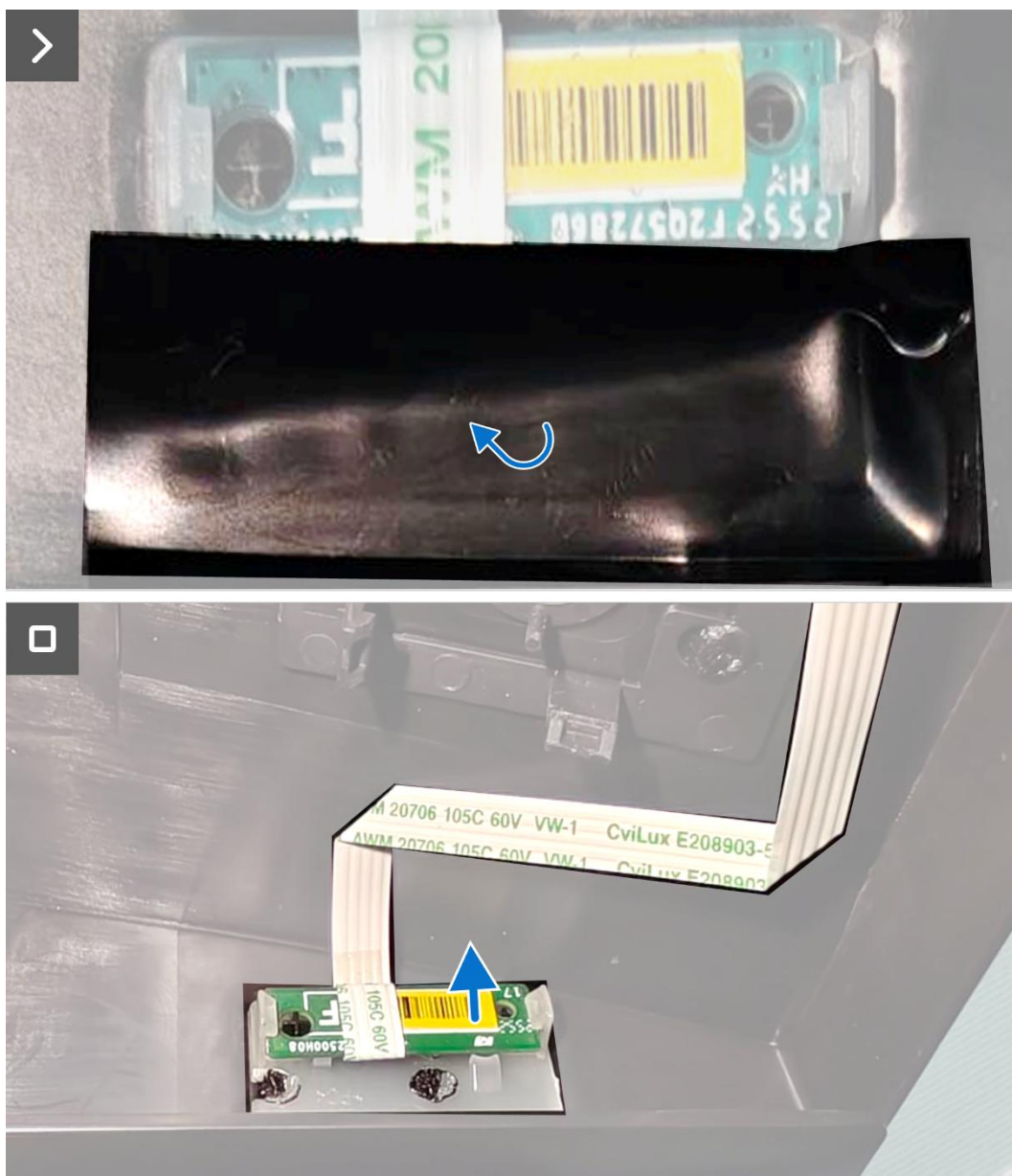


Figure 11. Removing the LED board

Installing the LED board

Steps

1. Attach the LED board to the back cover.
2. Attach the mylar to the LED board.
3. Attach the tape to the LED cable.



Figure 12. Installing the LED board

Next steps

1. [Installing the power board.](#)
2. [Installing the interface board.](#)
3. [Installing the chassis assembly.](#)
4. Follow the procedure in [After working inside your monitor](#) for more details.

Chassis assembly

Removing the chassis assembly

Prerequisites

1. Refer to [Before working inside your monitor](#) for more details on how to remove the chassis assembly from your monitor.
2. [Removing the stand.](#)
3. [Removing the back cover.](#)
4. [Removing the keypad board.](#)
5. [Removing the LED board.](#)

Steps

1. Peel the four aluminum foils from the display panel and chassis assembly.
2. Peel the acetate tape from the lightbar cable.
3. Disconnect the lightbar cable from the panel.
4. Remove the two screws (M3x3) that secure the chassis to the display panel.
5. Disconnect the power cable from the connector on the display panel.
6. Disconnect the LVDS cable from the connector on the display panel.
7. Remove the chassis assembly from the display panel.

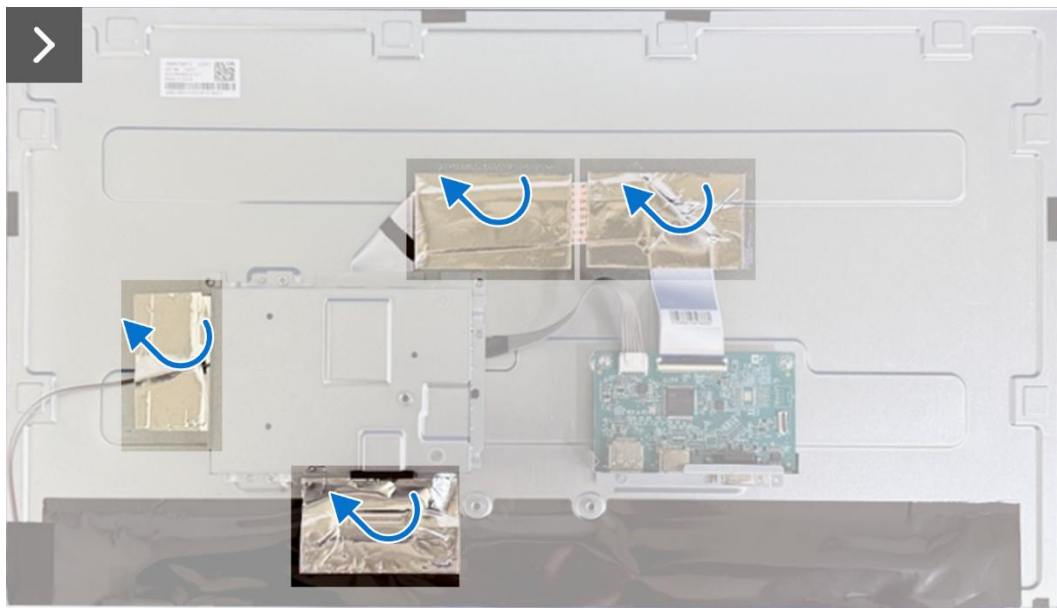


Figure 13. Removing the chassis assembly

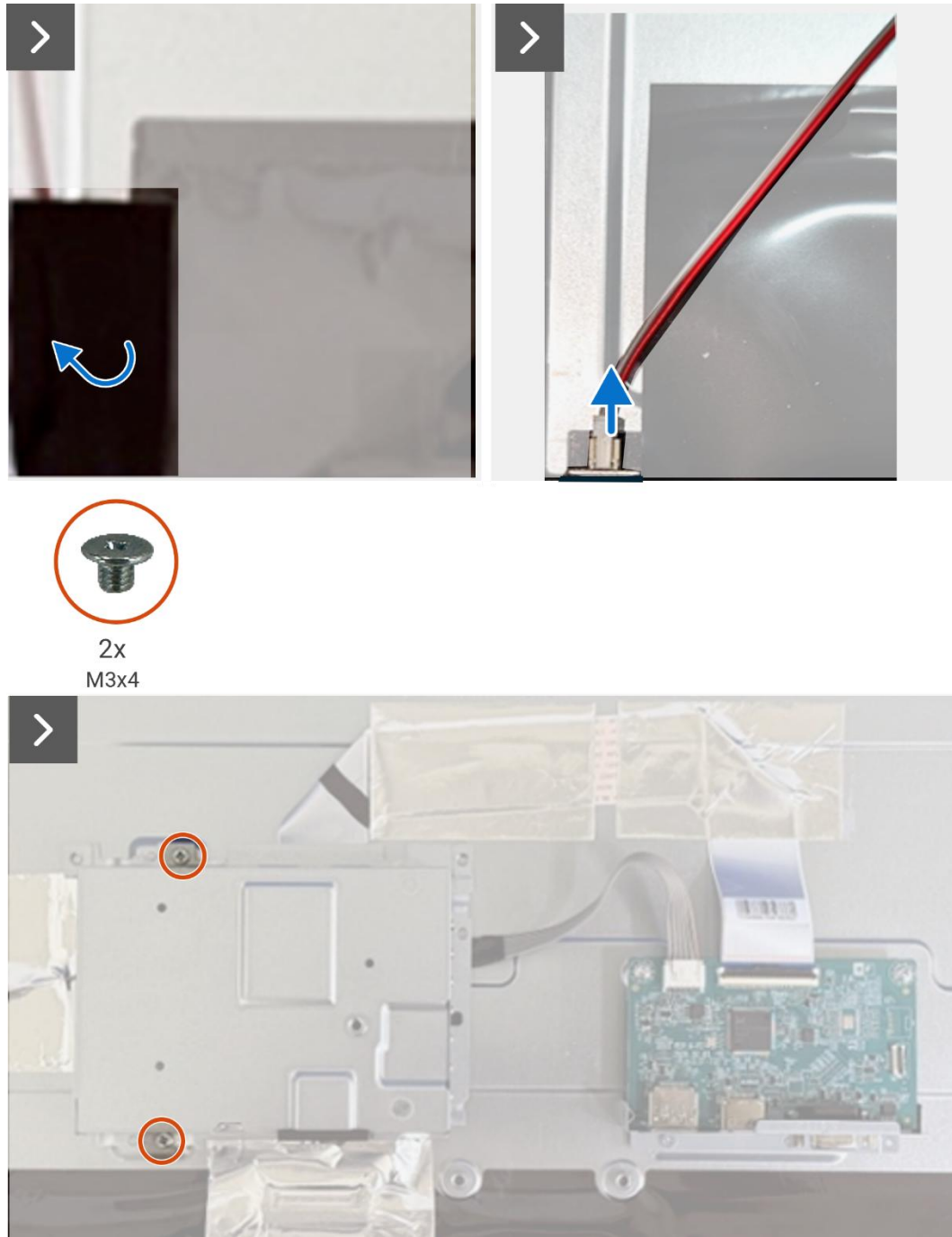


Figure 14. Removing the chassis assembly

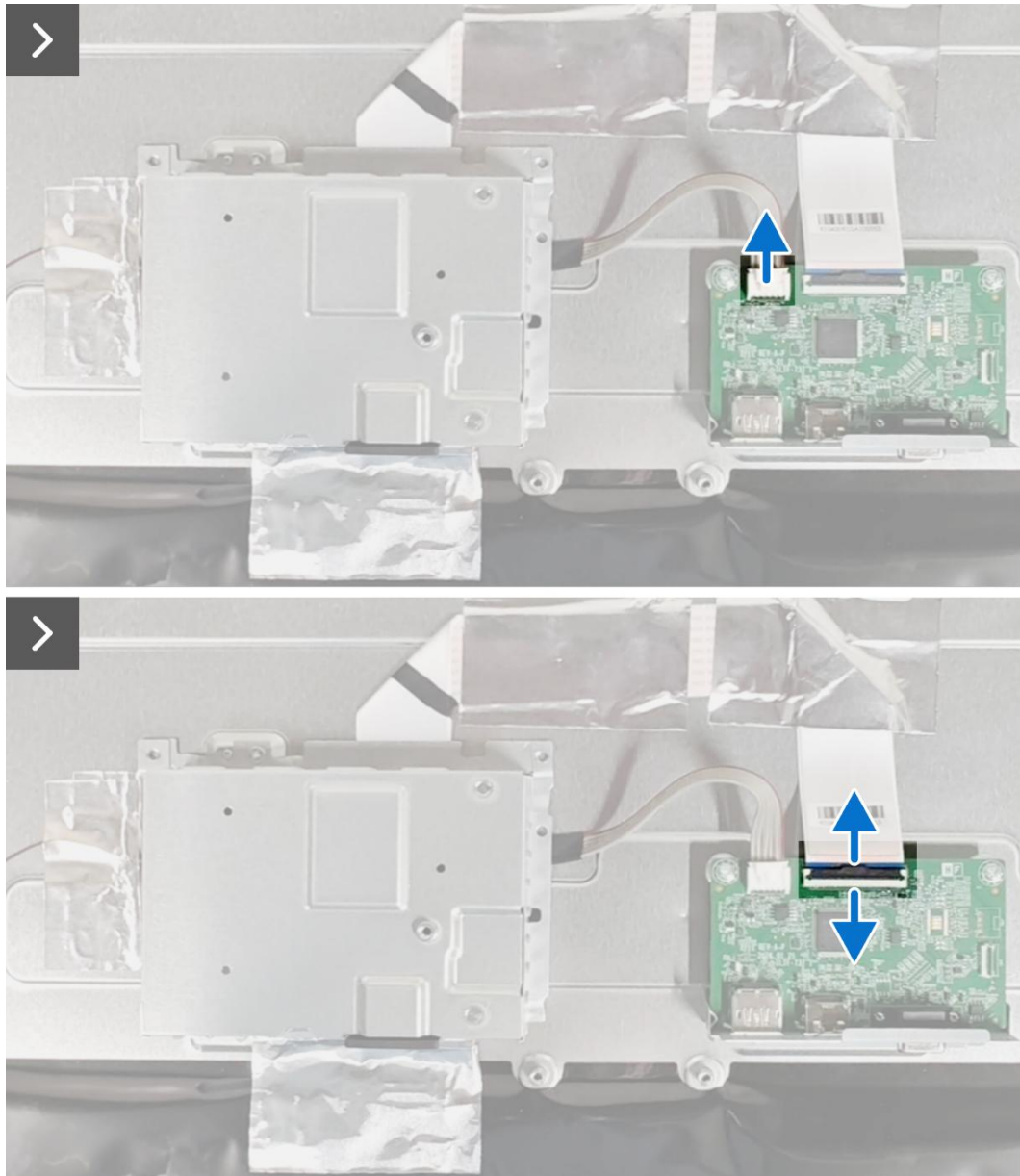


Figure 15. Removing the chassis assembly

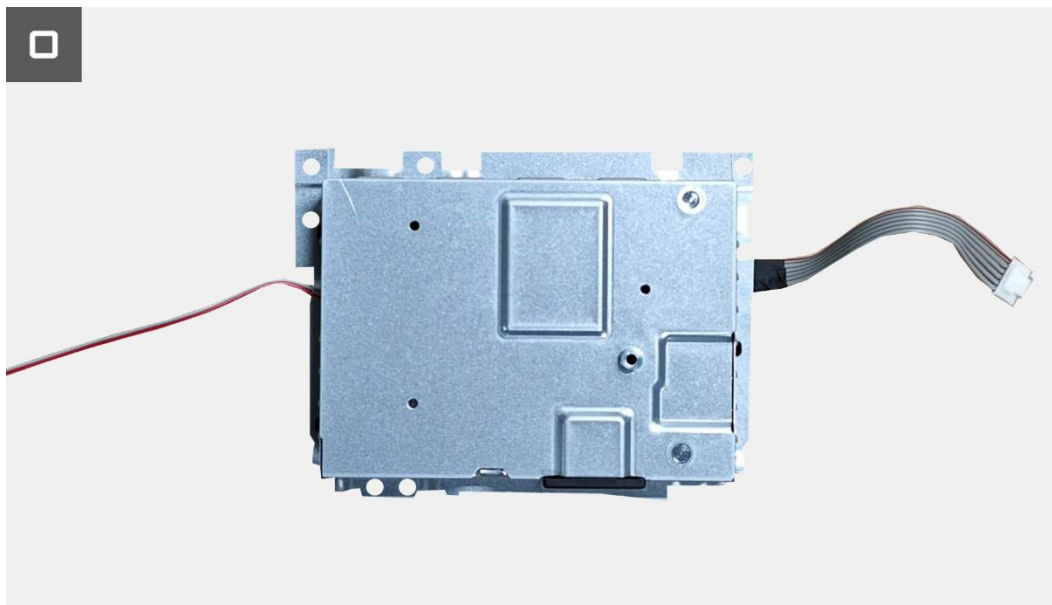


Figure 16. Removing the chassis assembly

Installing the chassis assembly

Steps

1. Connect the LVDS cable to the connector on the display panel.
2. Connect the power cable to the connector on the interface board.
3. Replace the two screws (M3x3) that secure the chassis assembly to the display panel.
4. Connect the lightbar cable to the display panel.
5. Attach the acetate tape from the lightbar cable.
6. Attach four aluminum foils to the chassis assembly and display panel.



Figure 17. Installing the chassis assembly

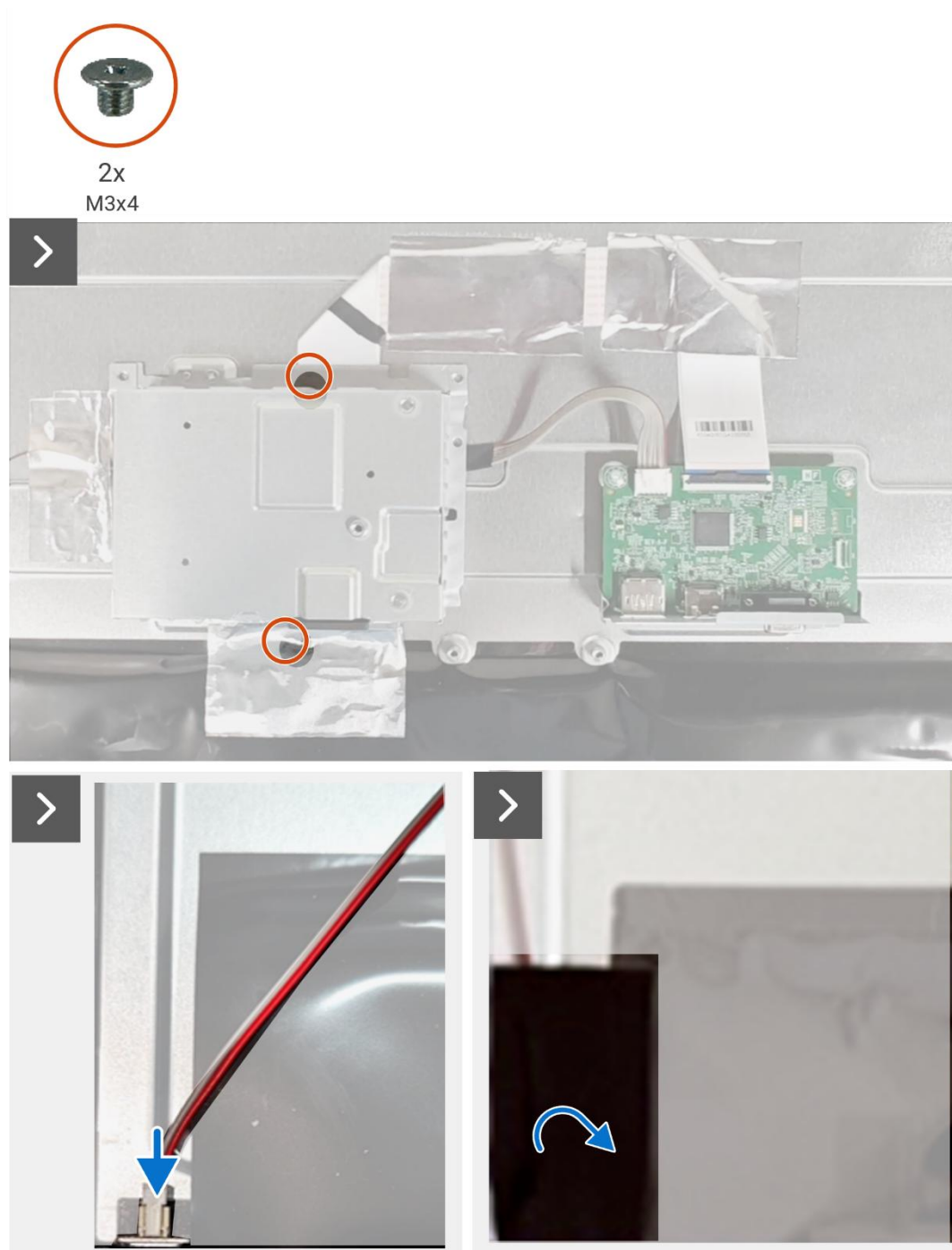


Figure 18. Installing the chassis assembly

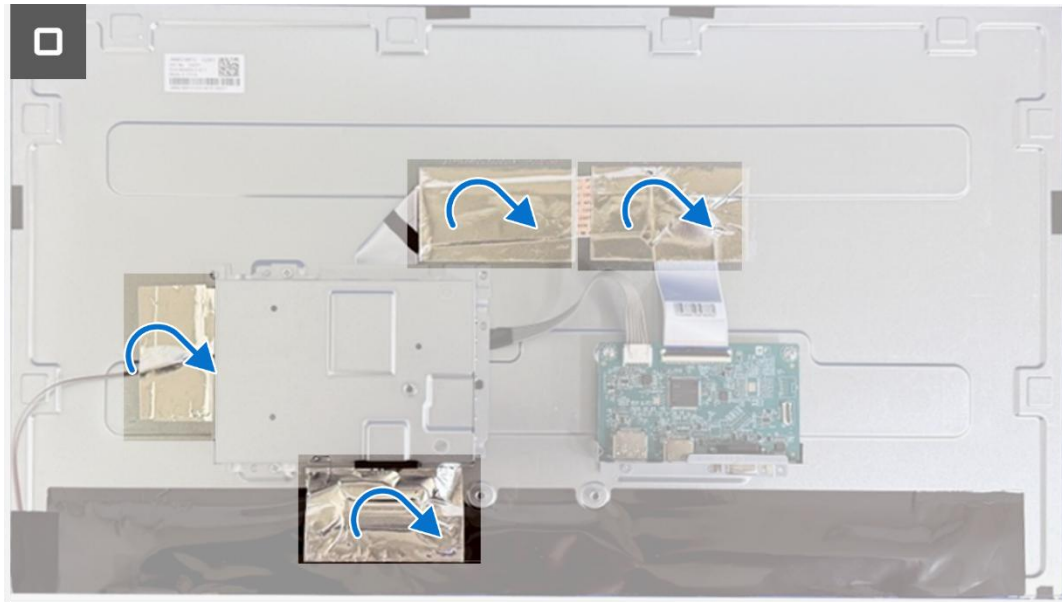


Figure 19. Installing the chassis assembly

Next steps

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

Interface board

Removing the interface board

Prerequisites

1. Refer to [Before working inside your monitor](#) for more details on how to remove the interface board from your monitor.
2. [Removing the stand](#).
3. [Removing the back cover](#).
4. [Removing the keypad board](#).
5. [Removing the LED board](#).
6. [Removing the chassis assembly](#).

Steps

1. Disconnect the LVDS cable from the interface board.
2. Remove the two screws (M3x6) that secure the chassis assembly to the interface board.
3. Remove the two hex screws (#4-40x11.8) that secure the chassis assembly to the IO bracket.
4. Remove the interface board.

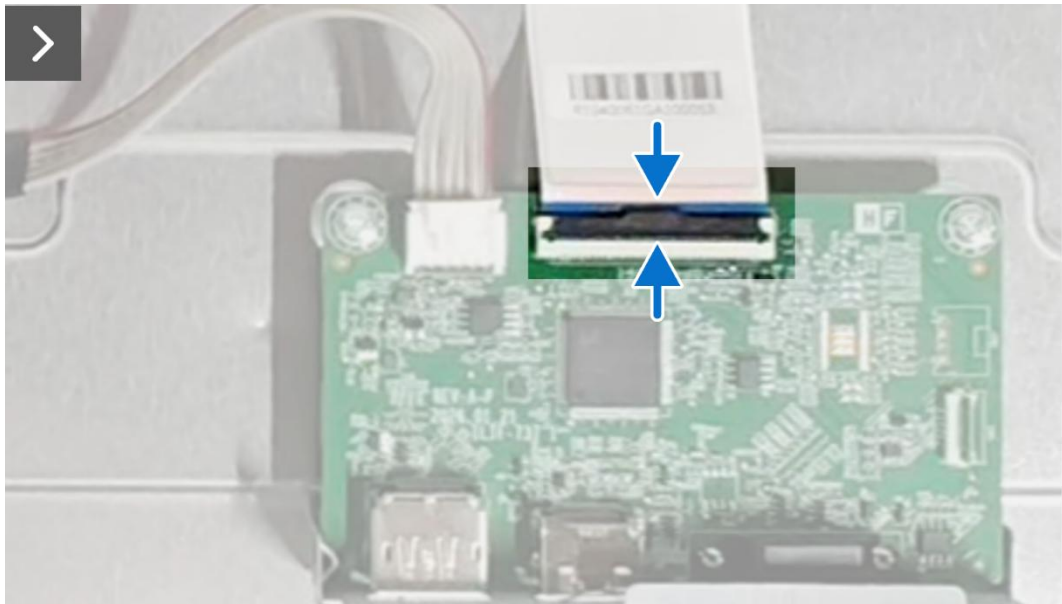
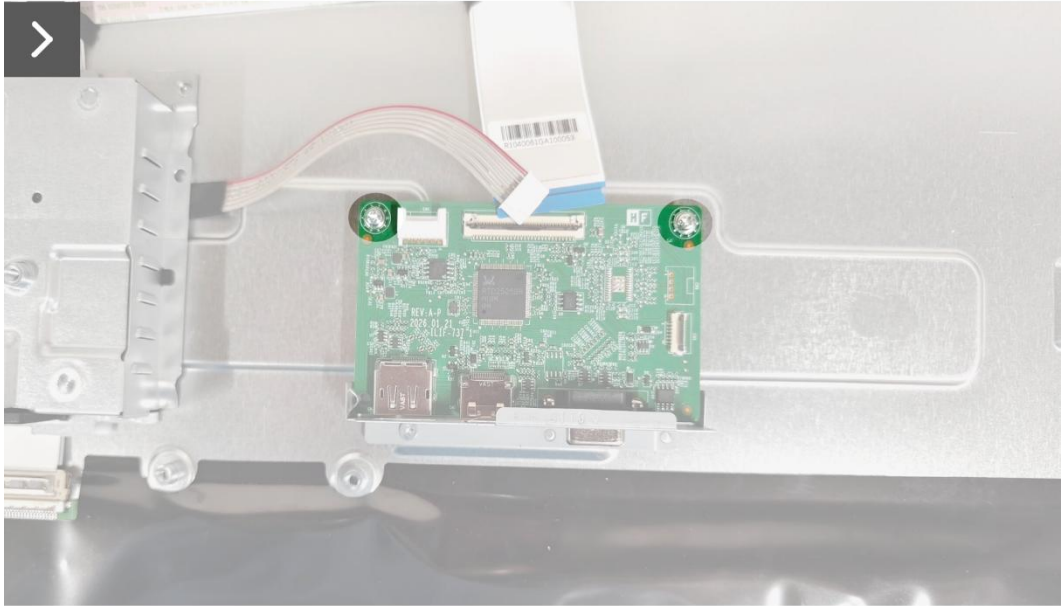


Figure 20. Removing the interface board



2x
M3x6



2x
#4-40x11.8



Figure 21. Removing the interface board



2x
M3x3

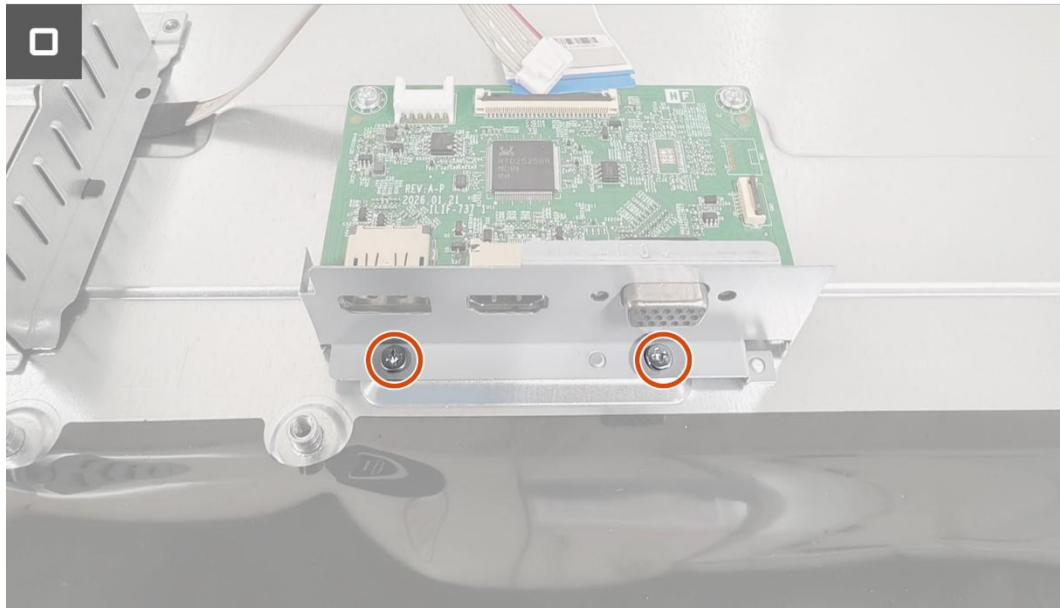


Figure 22. Removing the interface board

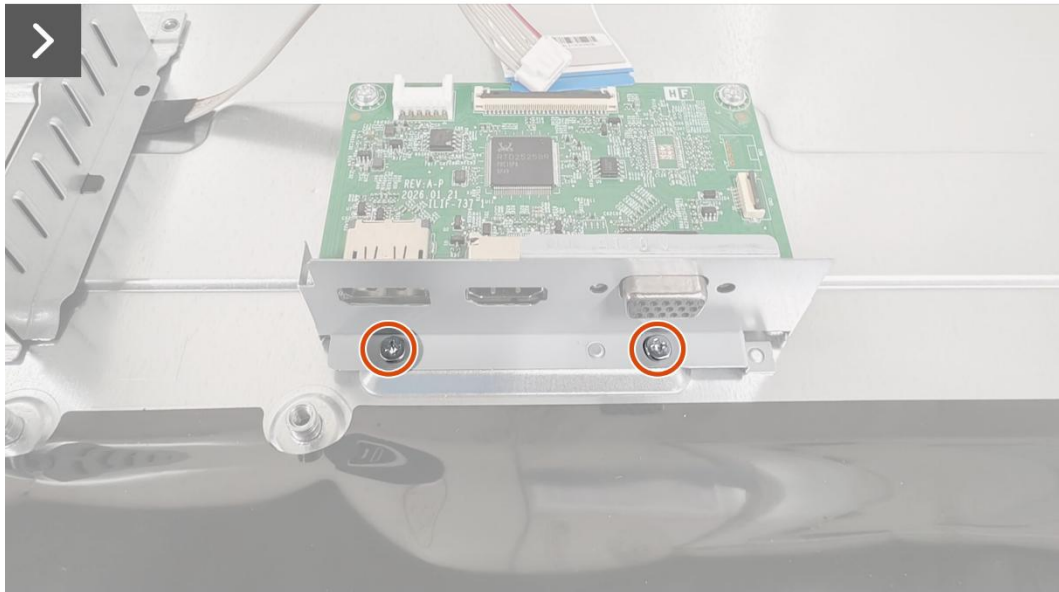
Installing the interface board

Steps

1. Replace the two screws (M3x3) that secure the IO bracket to the display panel.
2. Replace the two hex screws (#4-40x11.8) that secure the chassis assembly to the IO bracket.
3. Replace the two screws (M3x6) that secure the chassis assembly to the interface board.
4. Connect the LVDS cable to the connector on the interface board.



2x
M3x3



2x
#4-40x11.8



Figure 23. Installing the interface board

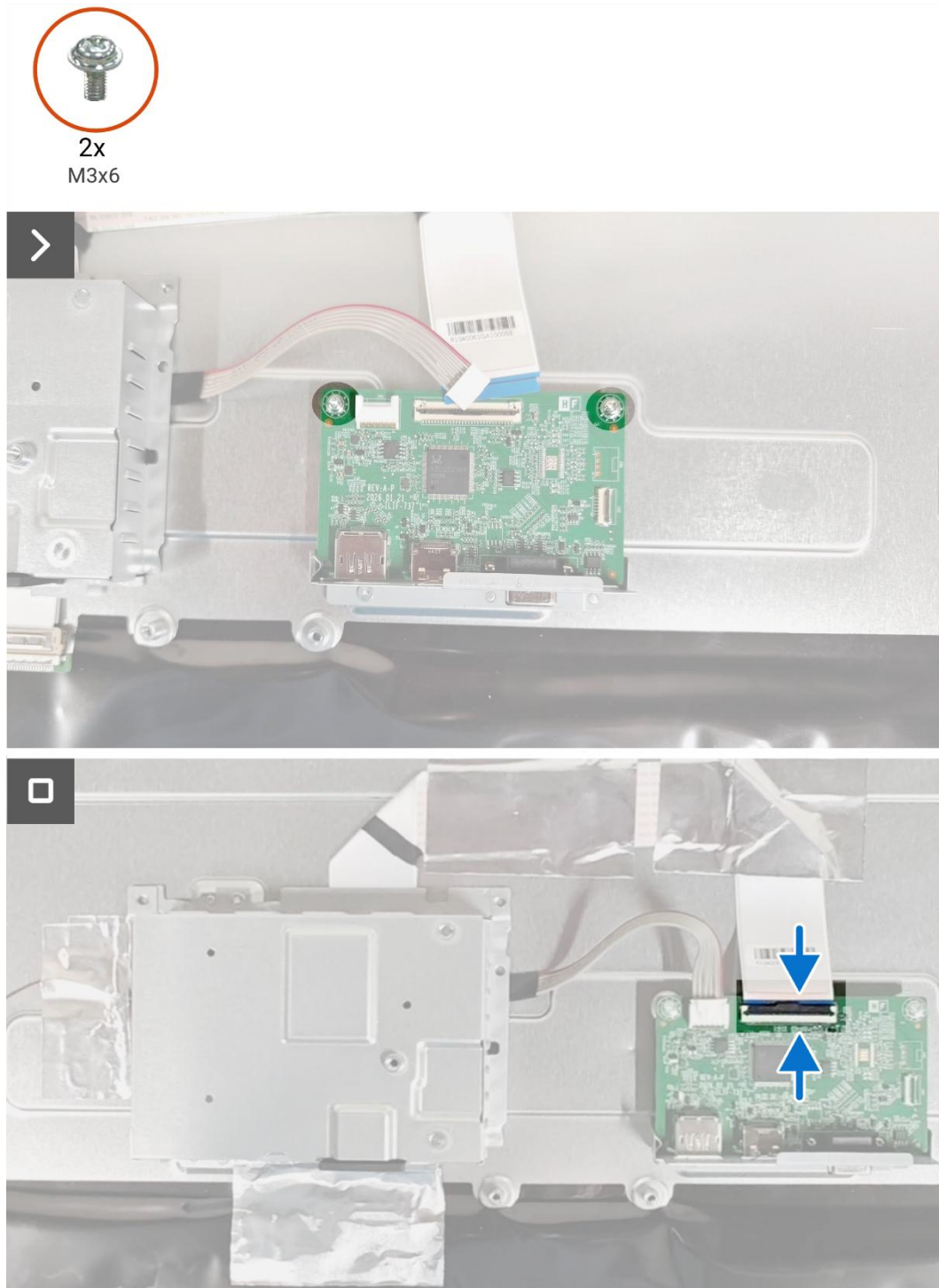


Figure 24. Installing the interface board

Next steps

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

Power board

Removing the power board

Prerequisites

1. Refer to [Before working inside your monitor](#) for more details on how to remove the power board from your monitor.
2. [Removing the stand.](#)
3. [Removing the back cover.](#)
4. [Removing the keypad board.](#)
5. [Removing the LED board.](#)
6. [Removing the chassis assembly.](#)
7. [Removing the interface board.](#)

Steps

1. Remove the mylar covering the power board.
2. Remove the two screws (M3x6) that secure the power board to the chassis assembly.
3. Remove the screw (M4x9) that secures the power board to the chassis assembly.
4. Remove the power board.
5. Disconnect the lightbar cable from the connector on the power board.
6. Disconnect the power cable from the connector on the power board.

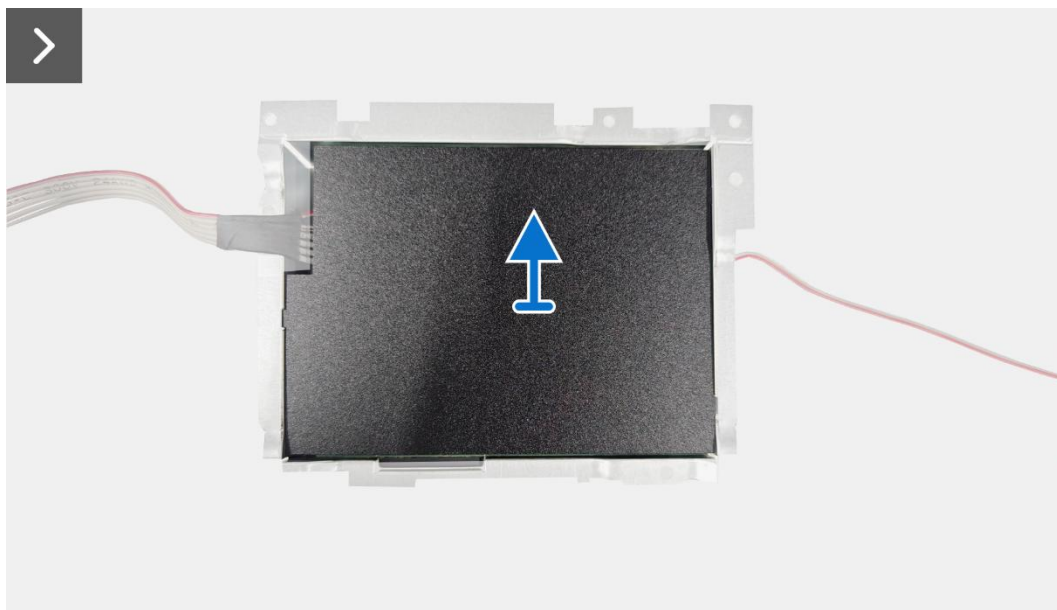


Figure 25. Removing the power board

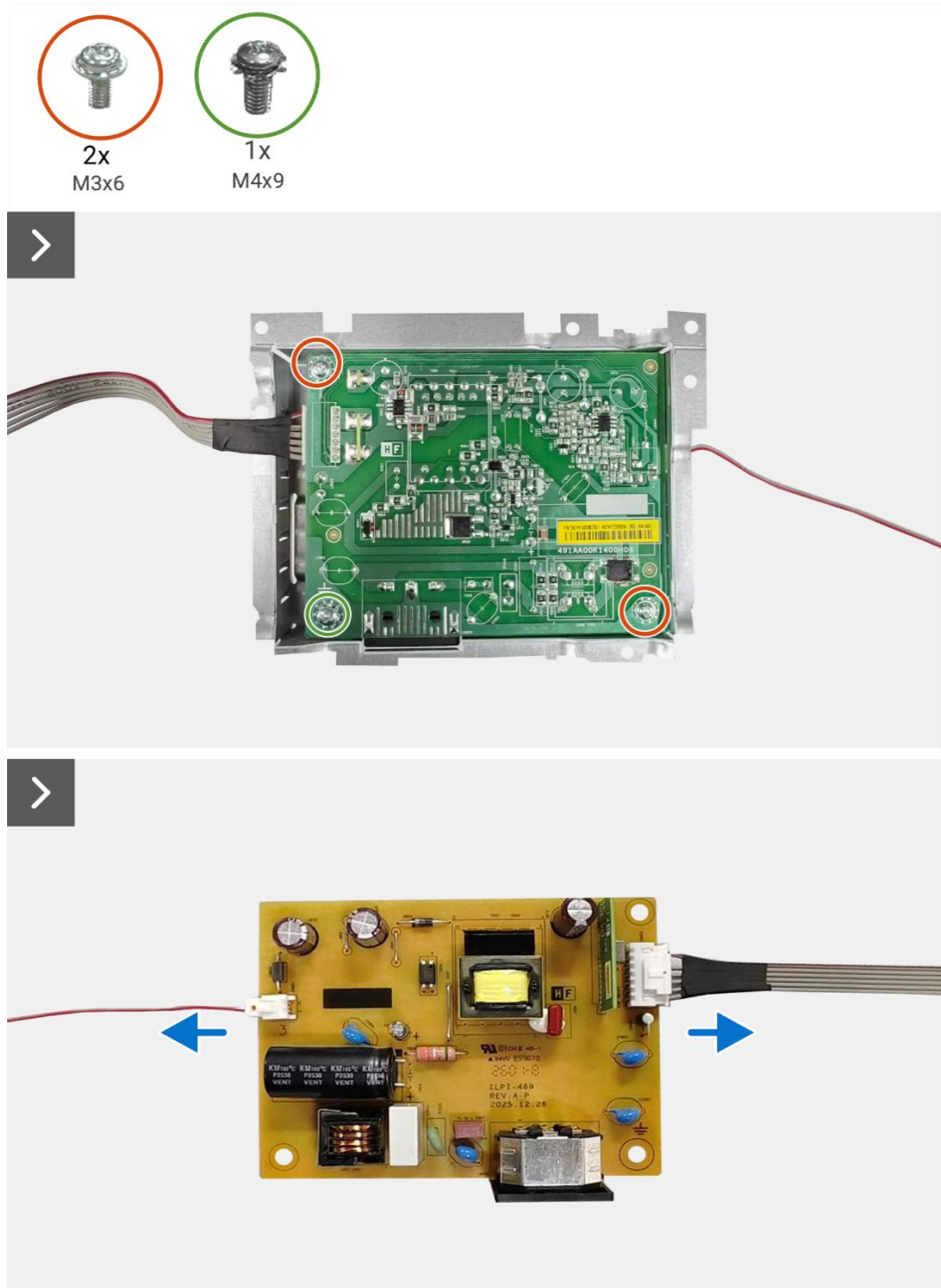


Figure 26. Removing the power board

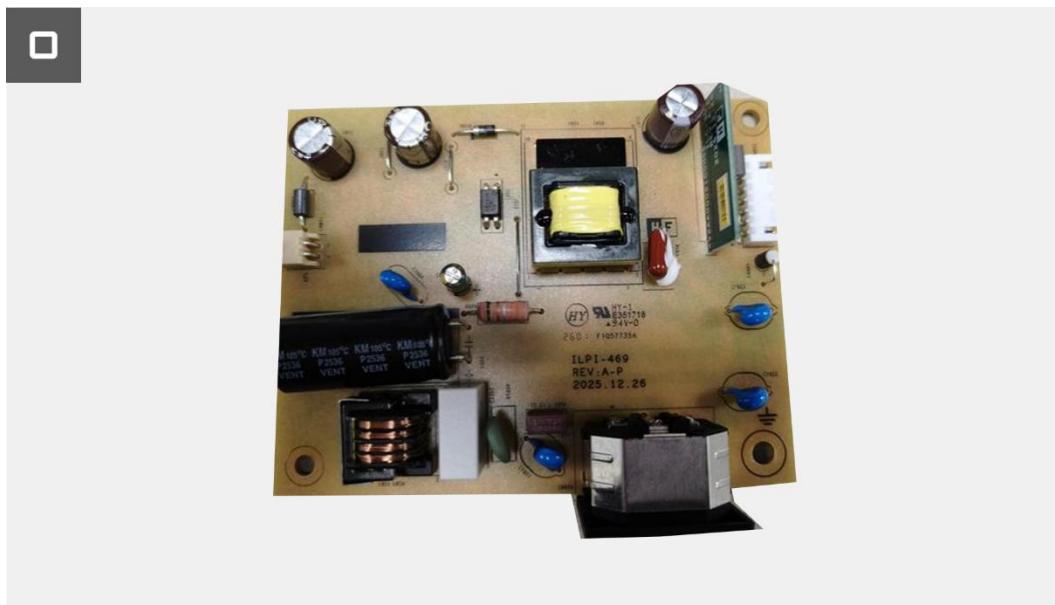


Figure 27. Removing the power board

Installing the power board

Steps

1. Connect the power cable to the connector on the power board.
2. Connect the lightbar cable to the connector on the power board.
3. Install the power board on the chassis.
4. Replace the screw (M4x9) that secures the power board to the chassis assembly.
5. Replace the two screws (M3x6) that secure the power board to the chassis assembly.
6. Attach the mylar that covers the power board.

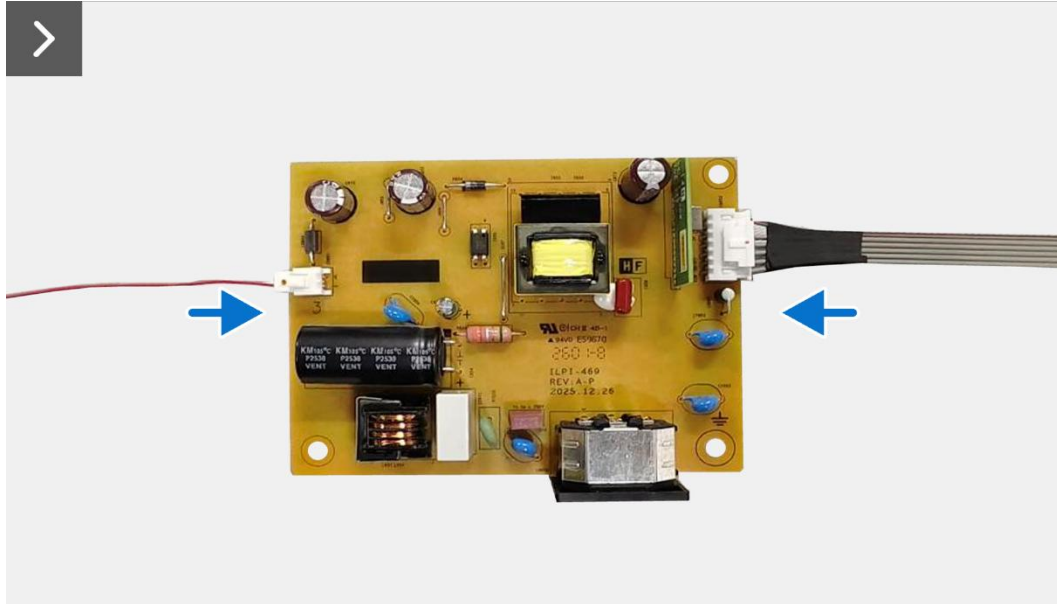


Figure 28. Installing the power board

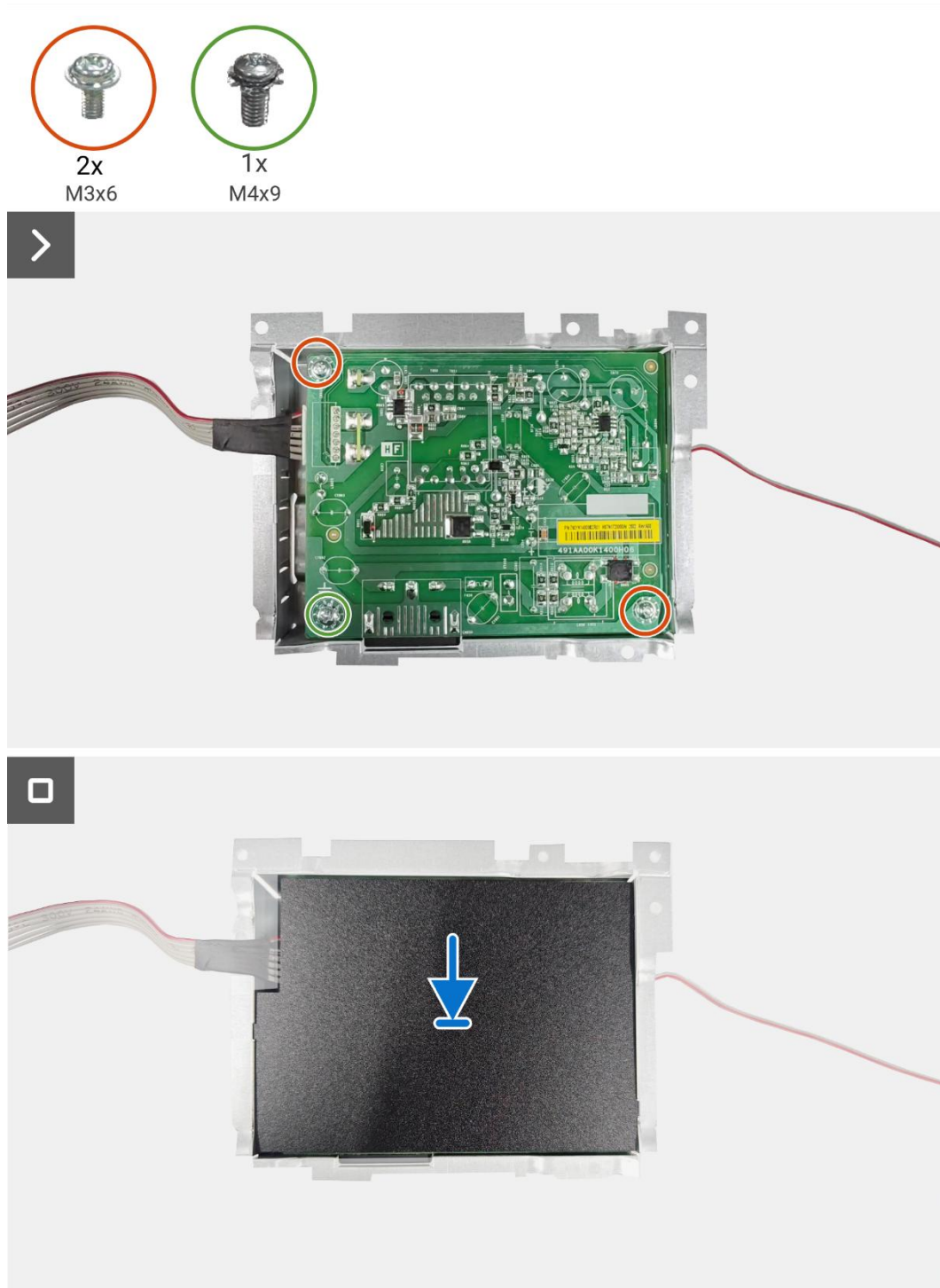


Figure 29. Installing the power board

Next steps

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

Contacting Dell

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

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 in your purchase invoice, packing slip, bill, or the Dell product catalog.

Revision History

The following table provides the revision history of this document:

Table 2. Revision history

Revision	Date	Description
A00	July 2026	Original publish date.