

Dell UltraSharp 32 4K QD-OLED Monitor

U3226Q

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.

- i 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 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 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 in the User's Guide.
- 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 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 any loose or misplaced screws inside your monitor may severely damage it.

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.

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
- Phillips screwdriver #2
- Plastic scribe

Screw list

- i 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.
- i NOTE:** Some computers have magnetic surfaces. Ensure that the screws are not left attached to such surfaces when replacing a component.
- i NOTE:** Screw color may vary with the configuration ordered.

Table 1. Screw list

Component	Screw type	Quantity	Screw image
Upper back cover	M4*10	4	
FAN1	M2*4.5	3	
FAN2	M2*4.5	3	
Metal shield	M3*3	4	
MCU (Micro Controller Unit) board	M3*9	2	
Interface board	M3*9	4	
Interface board	M3*18	1	
Thunderbolt board	M2*4	3	
Power board	M3*9	3	

Stand

Removing the stand

Prerequisites

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

NOTE: To prevent scratches on the screen when removing the stand, ensure that the monitor is placed on a soft surface and handle it carefully.

NOTE: The following steps are specifically for removing the stand that is shipped with your monitor. If you are removing a stand that you purchased from any other source, follow the setup instructions that are included with the stand.

Steps

1. Place the monitor on a soft cloth or cushion.
2. Press and hold the stand release button at the back of the display.
3. Lift the stand assembly up and away from the monitor.

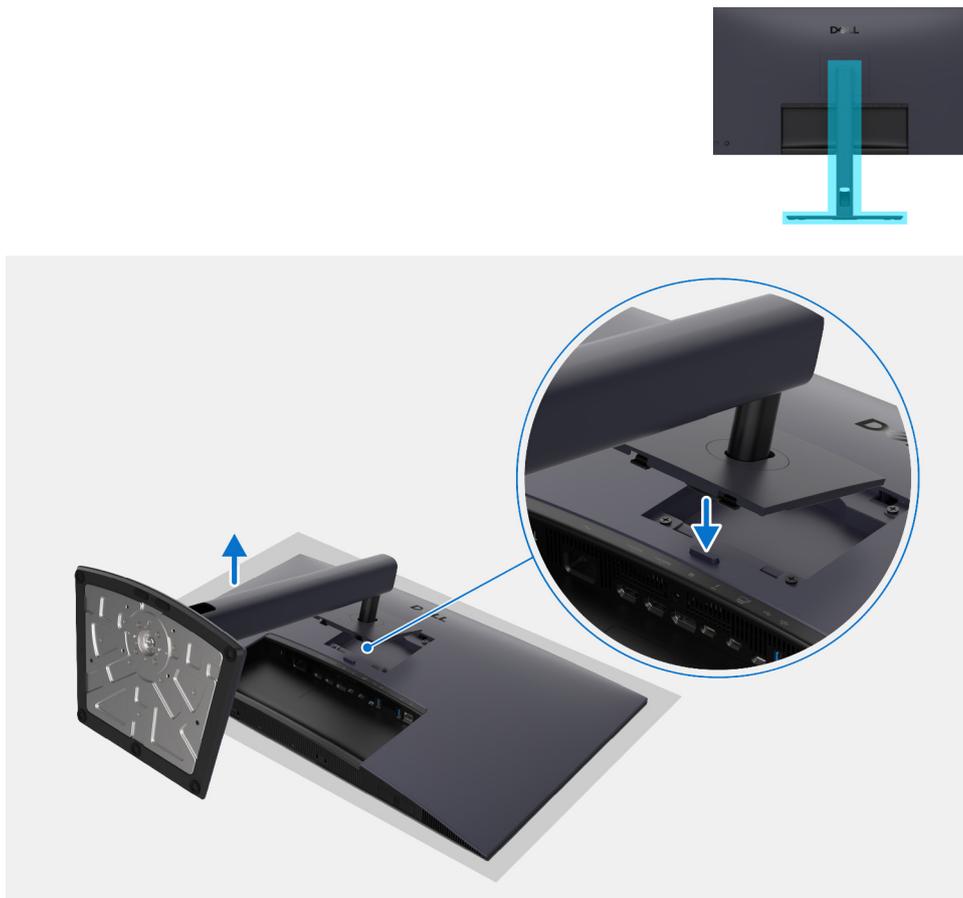


Figure 1. Removing the stand

Installing the stand

1. Carefully insert the tabs on the stand riser into the slots on the display back cover and press down the stand assembly to snap it into place.

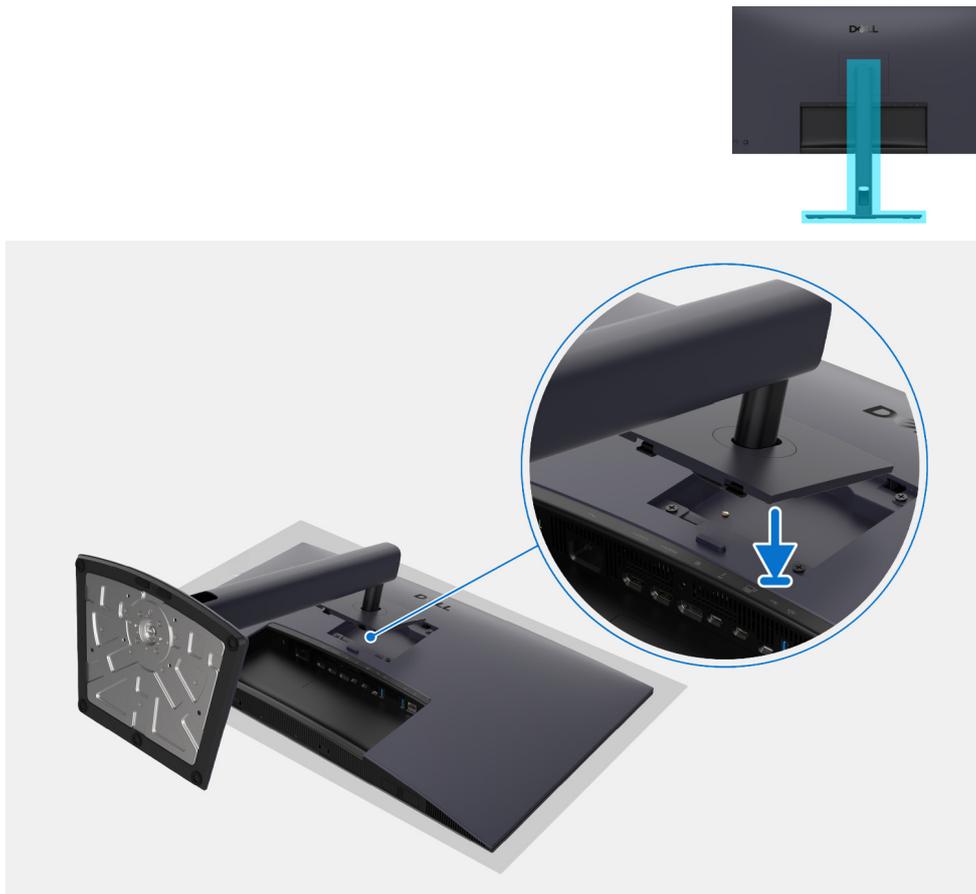


Figure 2. Installing the stand

Next steps

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

Upper Back Cover

Removing the upper back cover

Prerequisites

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

Steps

1. Remove the four screws (M4x10) that secure the upper back cover to the display assembly.
2. Use one hand to push the upper back cover from the bottom side to the top side.
3. Lift the upper back cover.
4. Disconnect the control board cable from the connector on the interface board.
5. Remove the upper back cover away from the monitor.



4x
M4x10

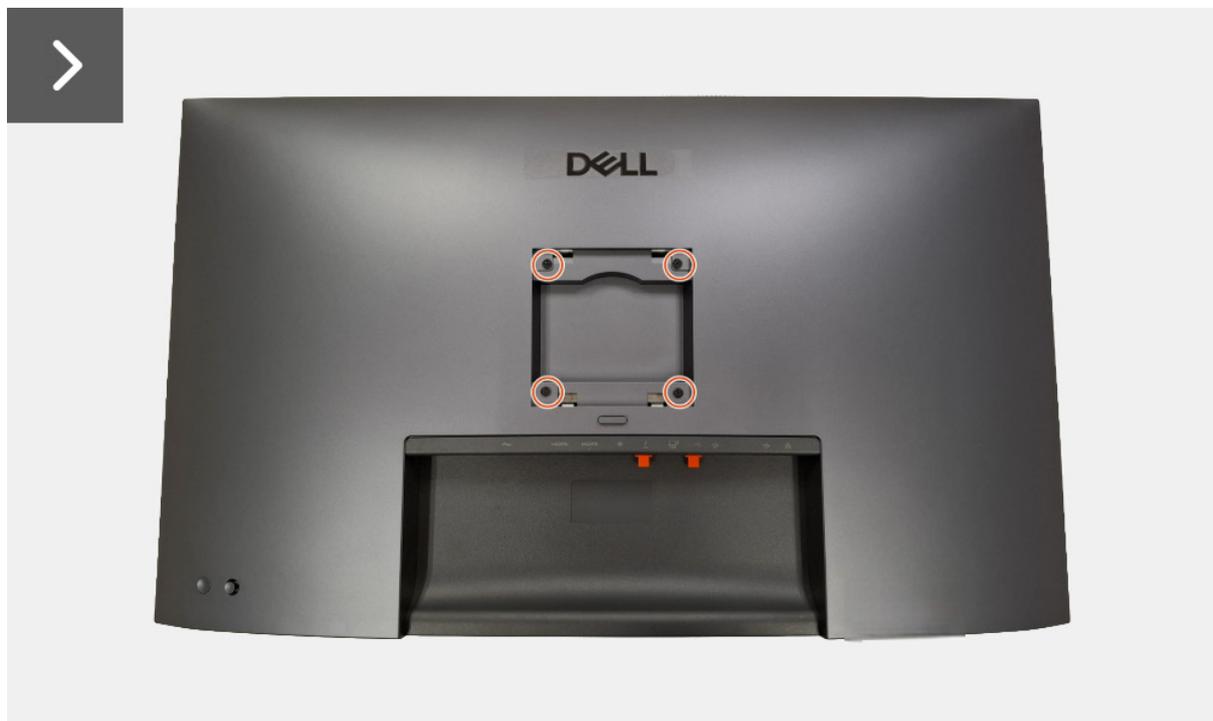


Figure 3. Removing the upper back cover

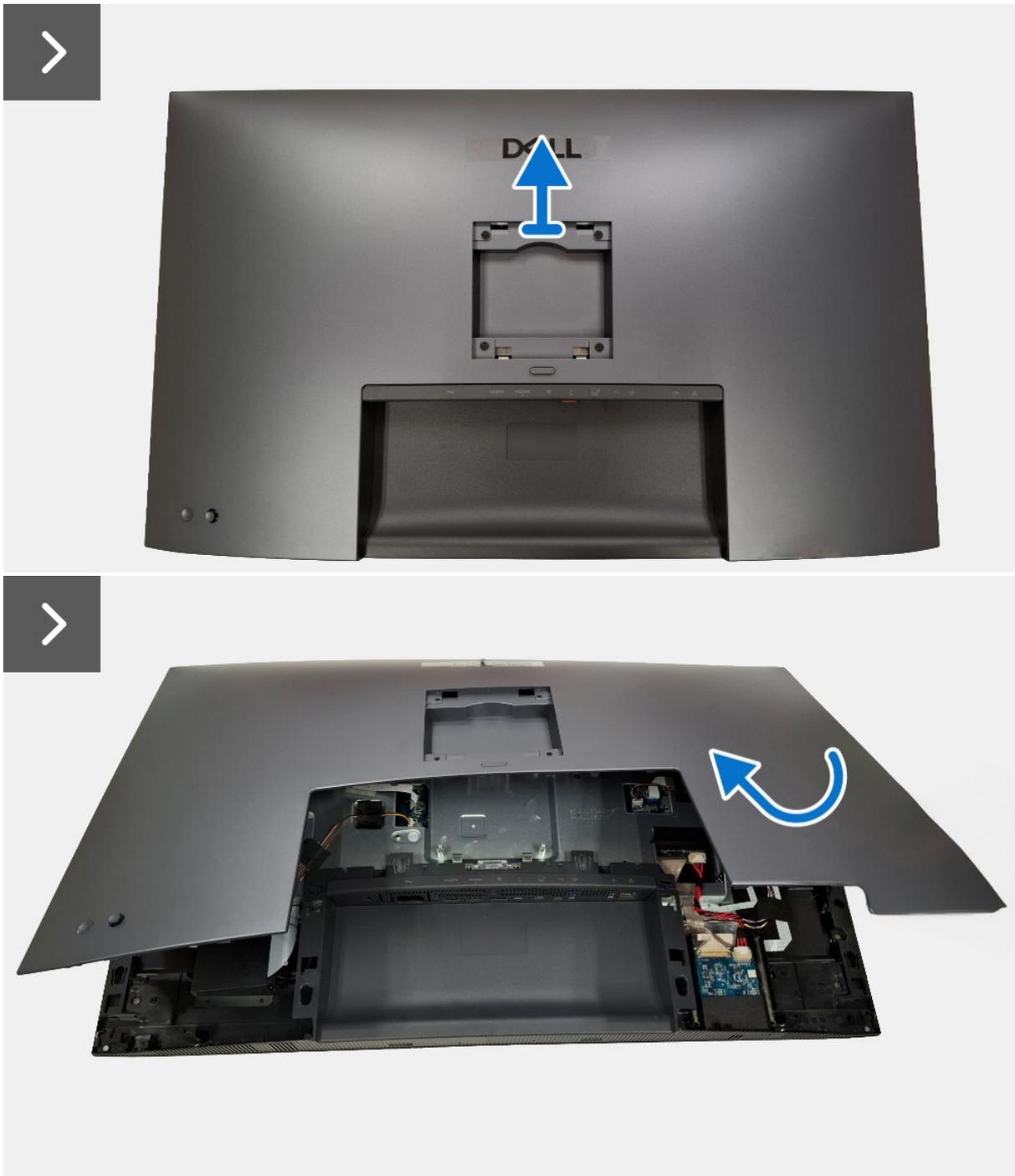


Figure 4. Removing the upper back cover

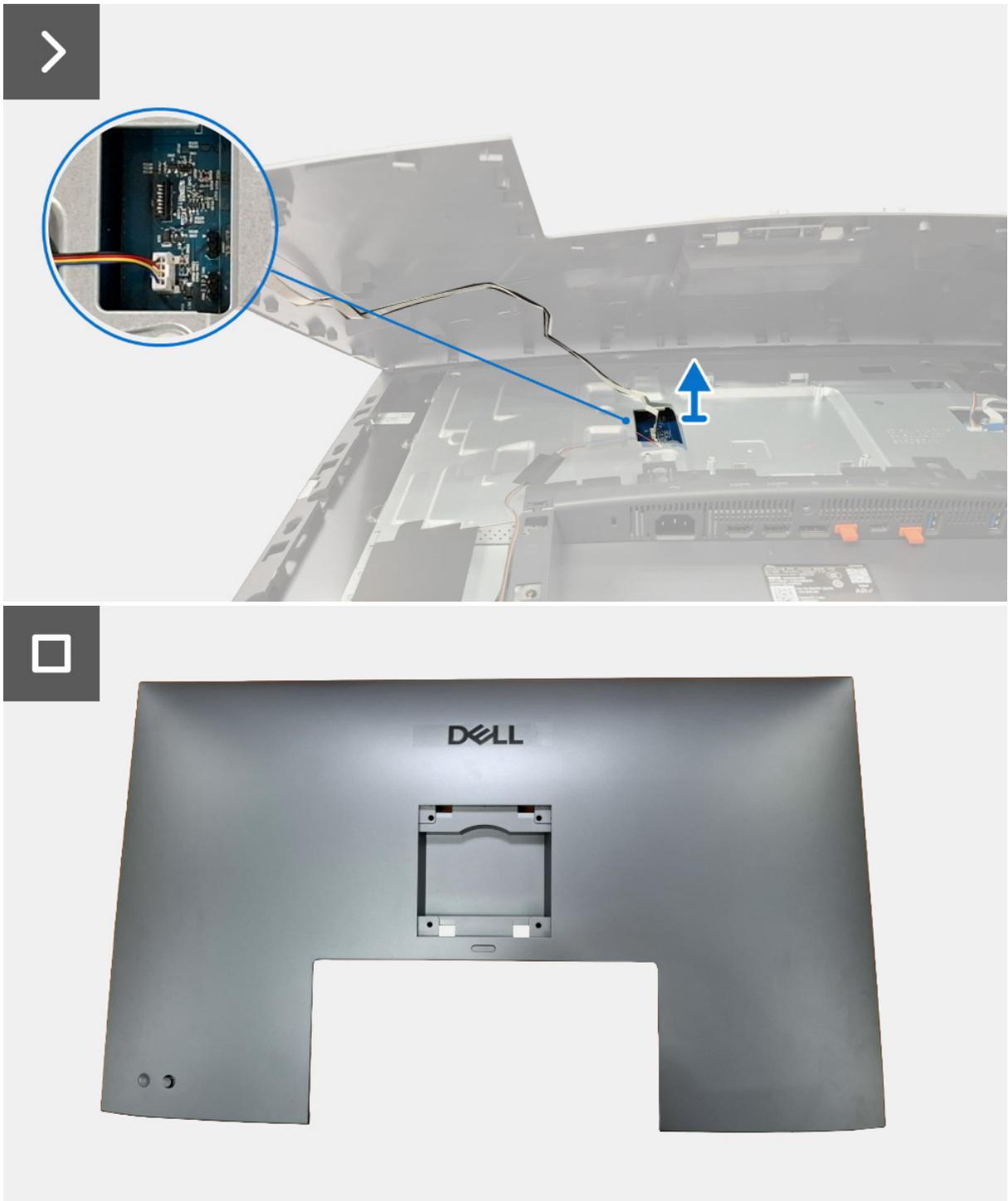


Figure 5. Removing the upper back cover

Installing the upper back cover

Steps

1. Connect the control board cable to the connector on the interface board.
2. Slide the upper back cover to the slots of the middle frame from the top side to bottom side.
3. Push along the side to snap the upper back cover into place.
- ① **NOTE:** Align the screw holes on the upper back cover with the screw holes on the display assembly before applying slight pressure to the upper back cover.
4. Replace the four screws (M4x10) that secure the upper back cover to the display assembly.



4x
M4x10

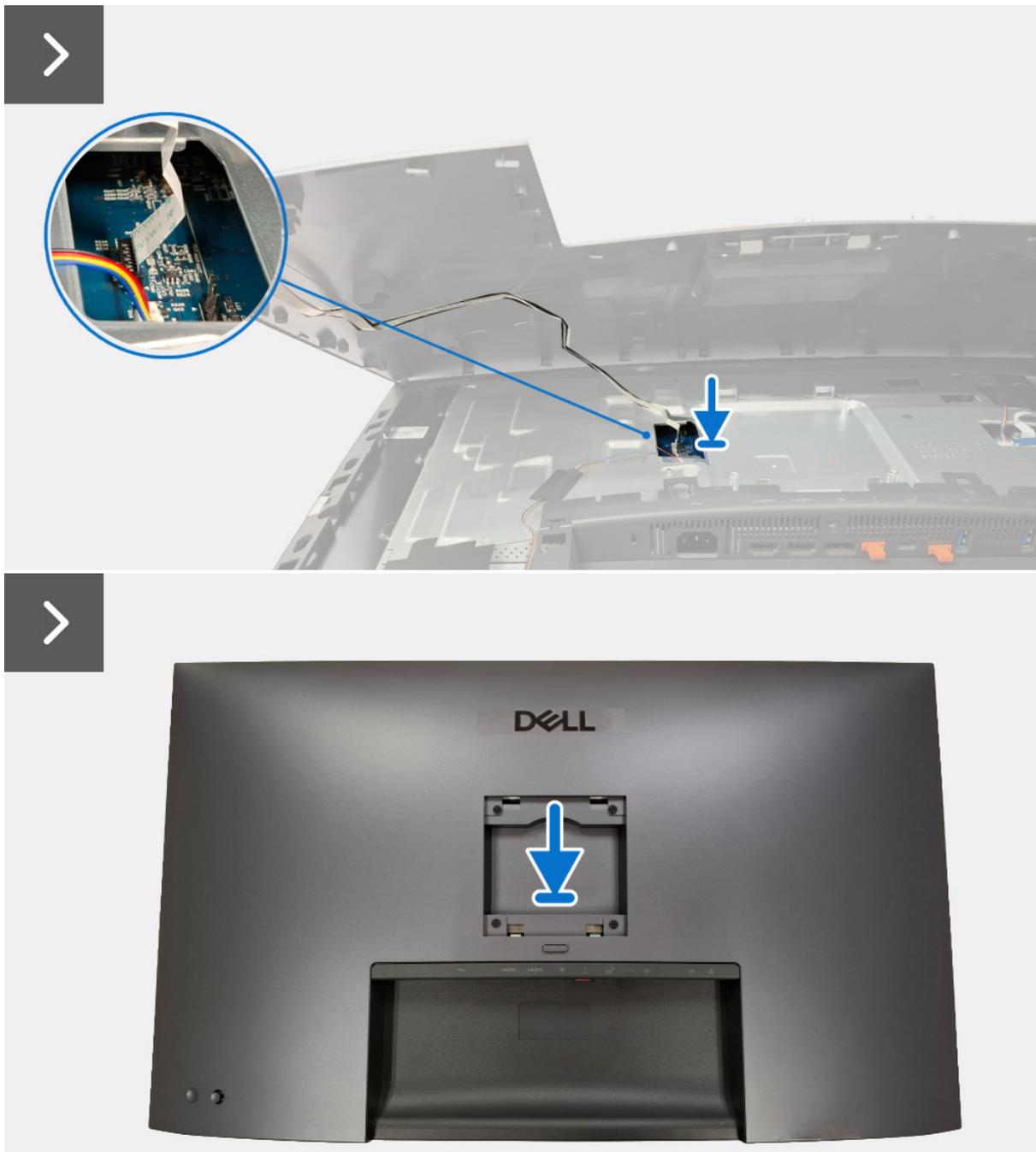


Figure 6. Installing the upper back cover

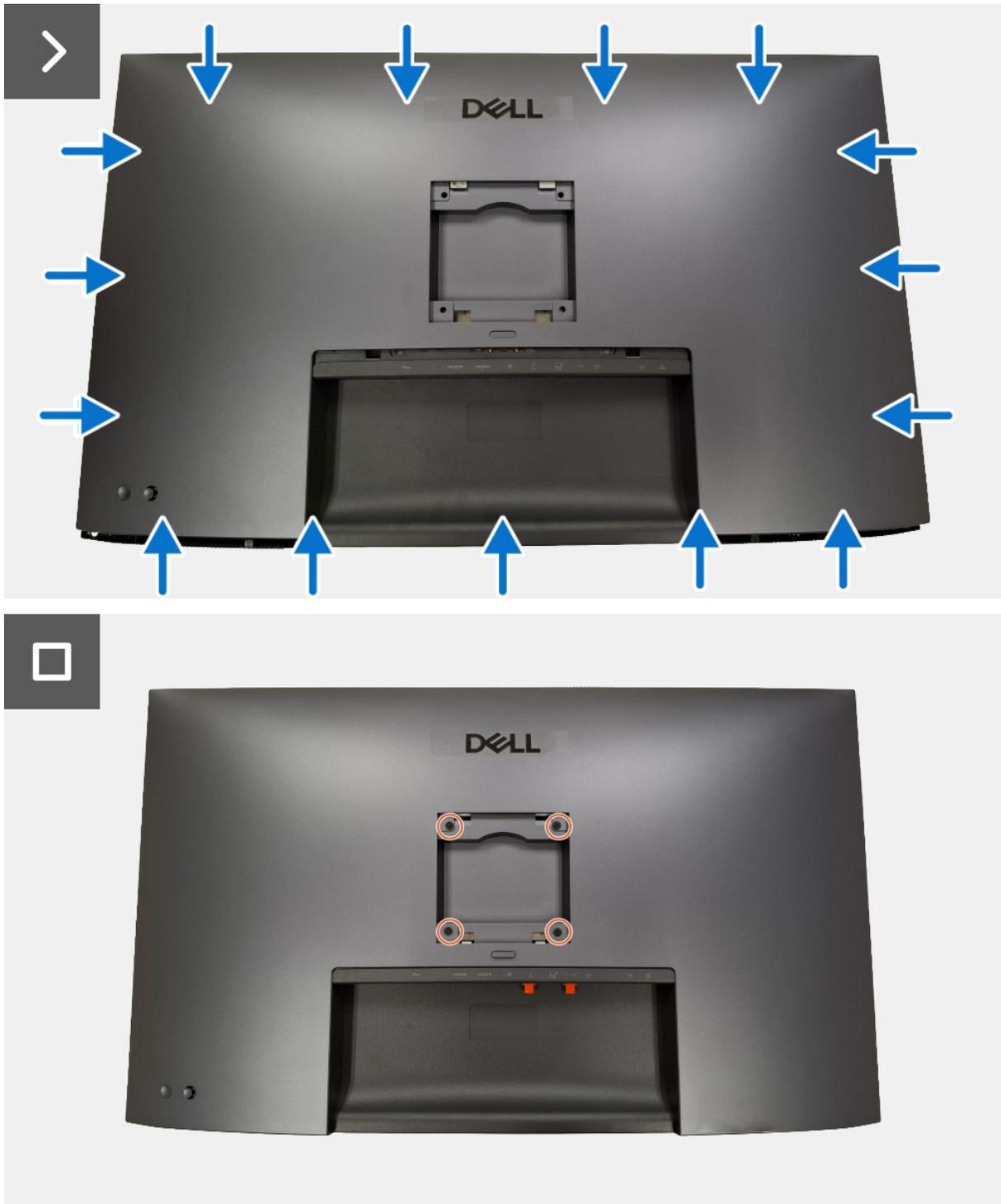


Figure 7. Installing the upper back cover

Next steps

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

Lower Back Cover

Removing the lower back cover

Prerequisites

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

Steps

1. Pry the lower back cover from the display-assembly base starting from the left side or right side.
2. Lift the lower back cover off the display-assembly base.



Figure 8. Removing the lower back cover



Figure 9. Removing the lower back cover

Installing the lower back cover

Steps

1. Slide the lower back cover into the slots on the display-assembly base
2. Press along the side to snap the lower back cover into place.

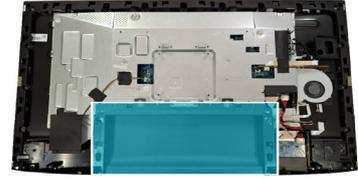


Figure 10. Installing the lower back cover

Next steps

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

Fan

Removing the fans

Prerequisites

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

Steps

1. Peel the mylar tapes on the metal shield.
2. Peel the tapes from the fan1 cable, then disconnect fan1 cable from its connector on the interface board.
3. Remove the three screws (M2x4.5) that secure the fan1 to the metal shield.
4. Peel the tape from the fan2 cable, then disconnect fan2 cable and FFC (Flexible Flat Cable) from its connectors on the interface board.
5. Remove the three screws (M2x4.5) that secure the fan2 to the metal shield.
6. Remove fan1 and fan2 from the metal shield.

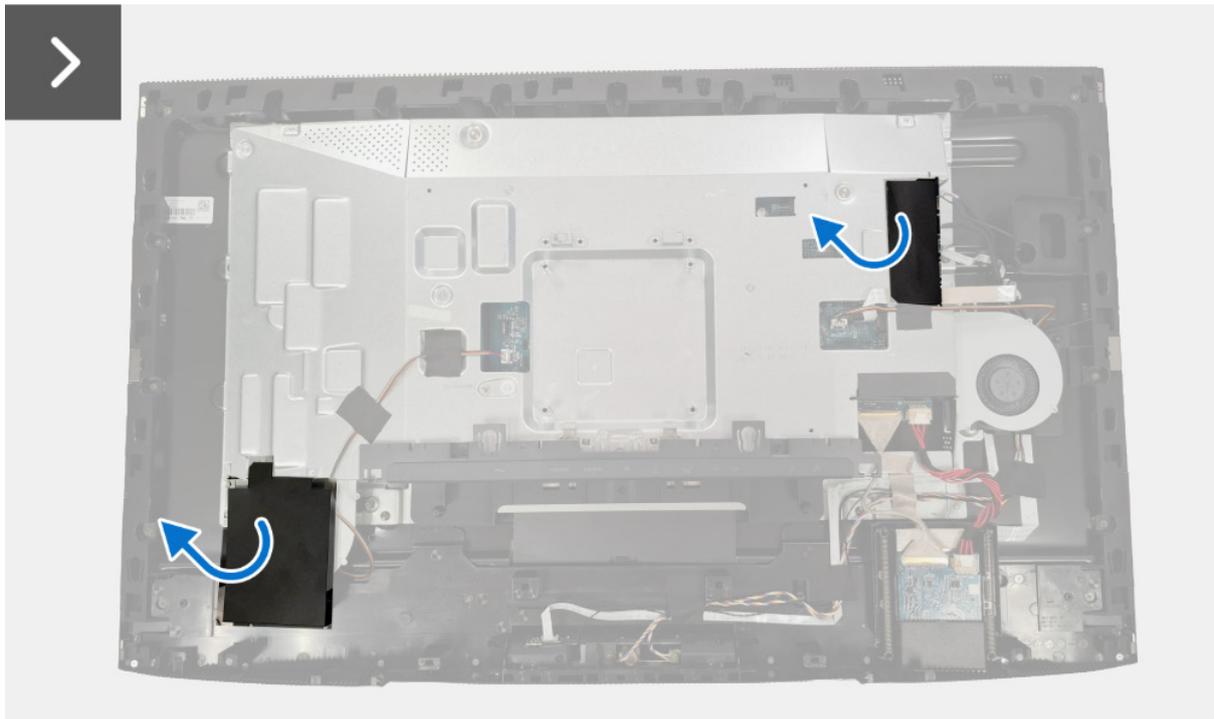
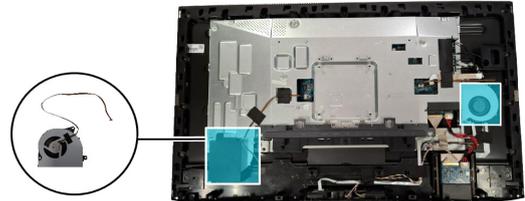


Figure 11. Removing the fans

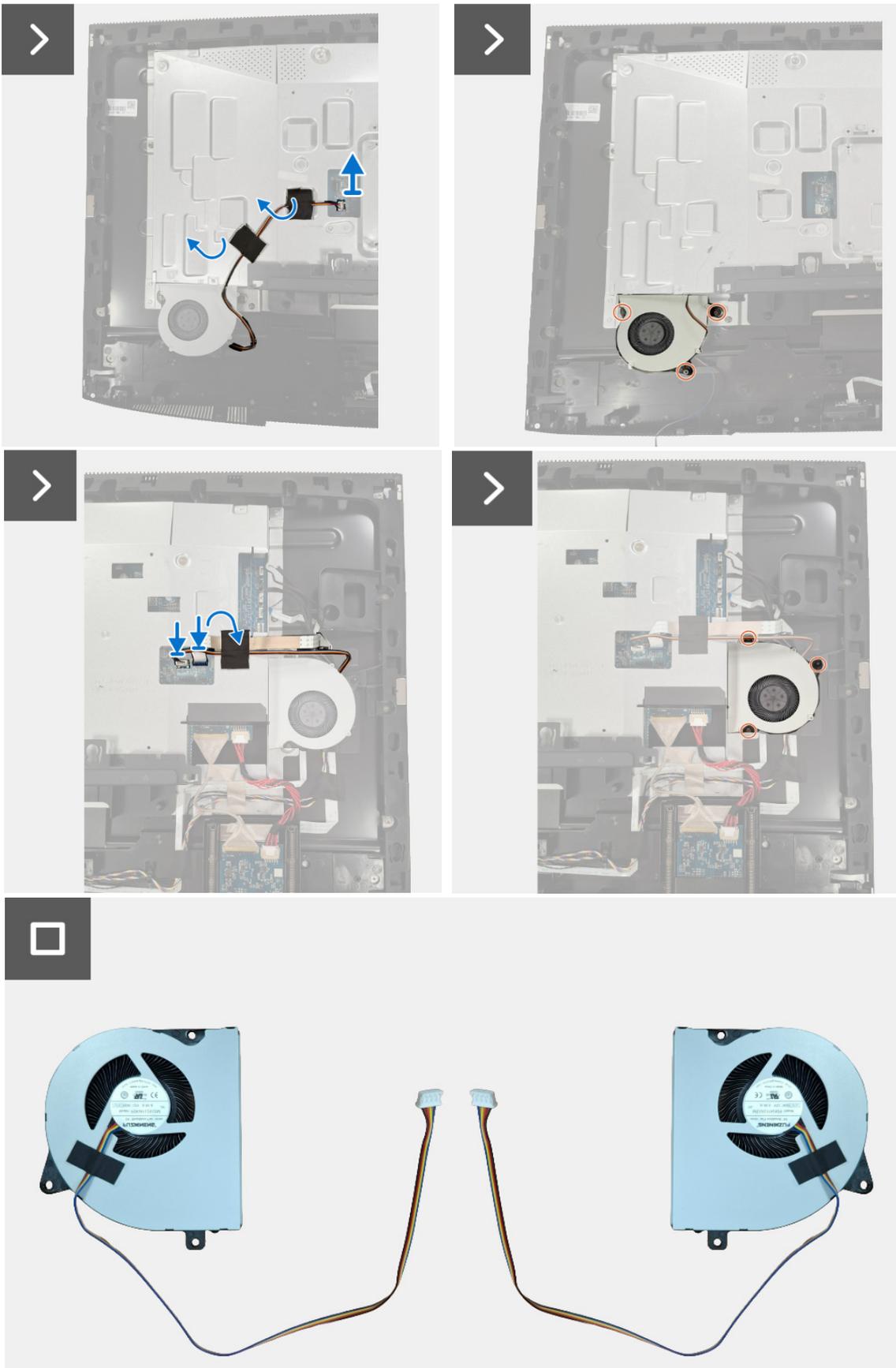


Figure 12. Removing the fans

Installing the fans

Steps

1. Align and place fan1 in its slot in the metal shield
2. Replace the three screws (M2x4.5) to secure the fan1 to the metal shield
3. Connect fan1 cable to the connector on the interface board, then adhere the tapes on fan1 cable.
4. Align and place fan2 in its slot in the metal shield
5. Replace the three screws (M2x4.5) to secure the fan2 to the metal shield
6. Connect fan2 cable and FFC (Flexible Flat Cable) to the connectors on the interface board, then adhere the tape on fan2 cable.
7. Adhere the mylar tapes on the metal shield.



6x
M2x4.5

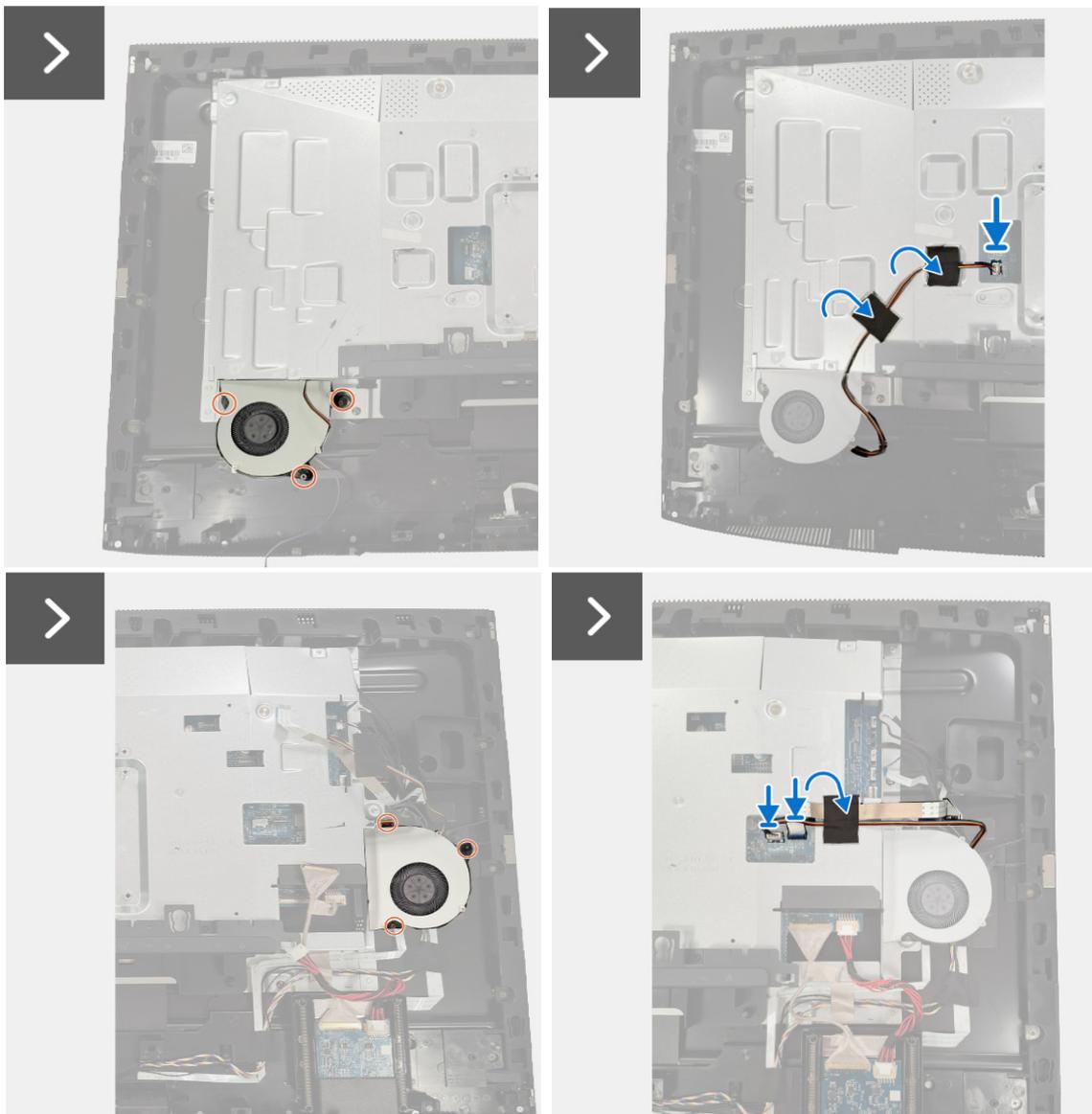
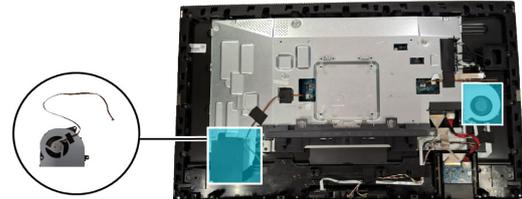


Figure 13. Installing the fans

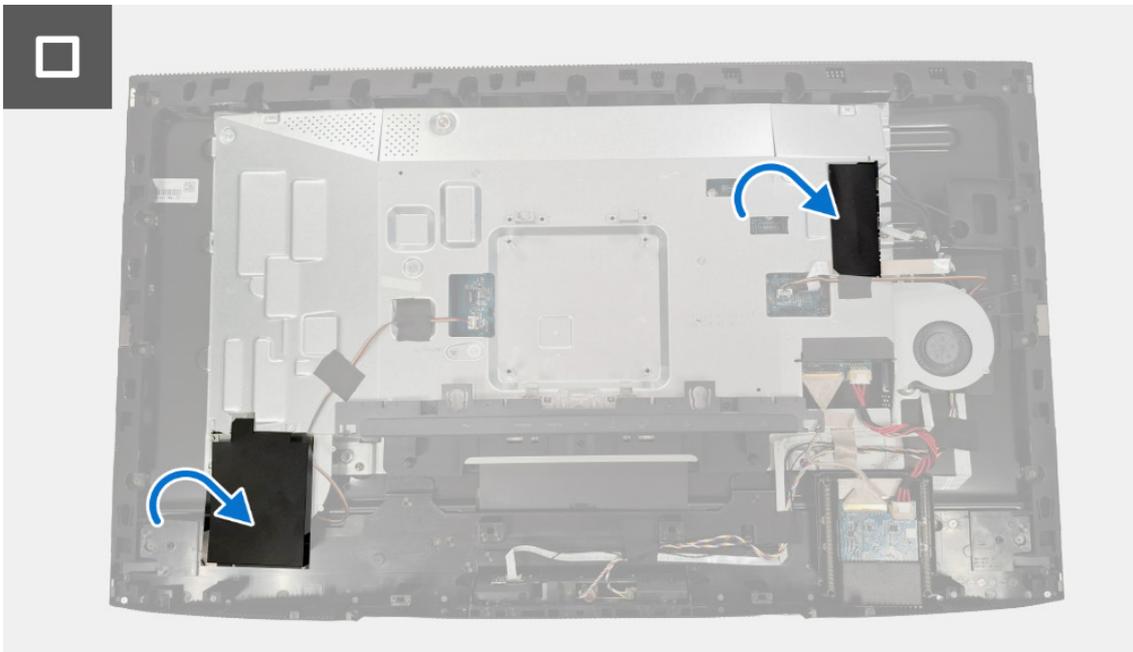


Figure 14. Installing the fans

Next steps

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

Metal Shield

Removing the metal shield

Prerequisites

1. Follow the procedure in [Before working inside your monitor](#).
2. Remove the [stand](#).
3. Remove the [upper back cover](#).
4. Remove the [lower back cover](#).
5. Remove the [fans](#).

Steps

1. Disconnect the five colorimeter module cables from the connectors on the MCU board, then, disconnect the two USB board cables from the connectors on the USB board.
2. Peel the conductive tape on FFC and then peel the FFC on the metal shield.
3. Remove the four screws (M3x3) that secure the metal shield to the display panel.
4. Lift the metal shield and disconnect the LVDS cable from the connector on the display panel.
5. Lift and remove the metal shield from the display panel.



4x
M3x3

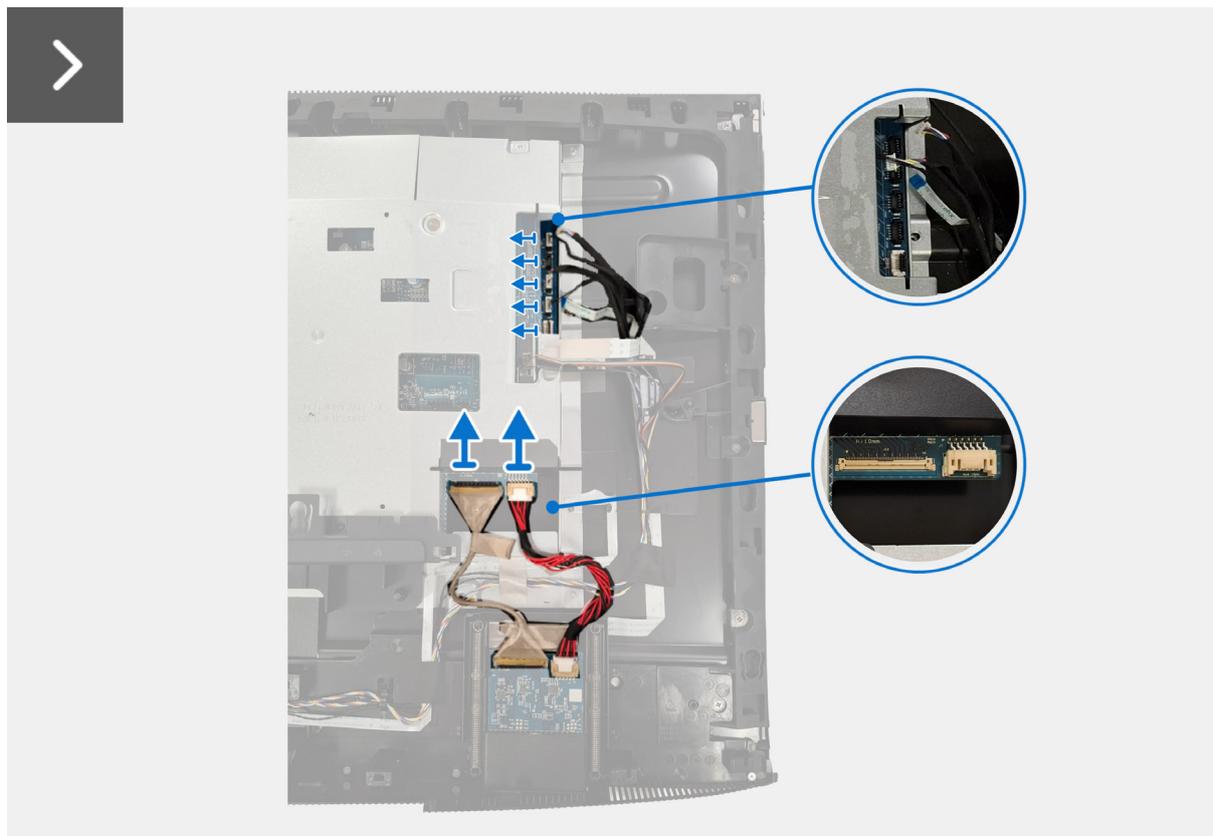
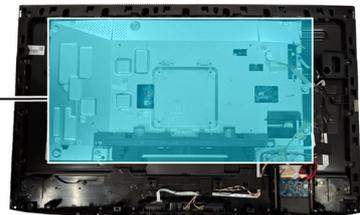
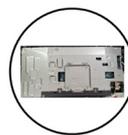


Figure 15. Removing the metal shield

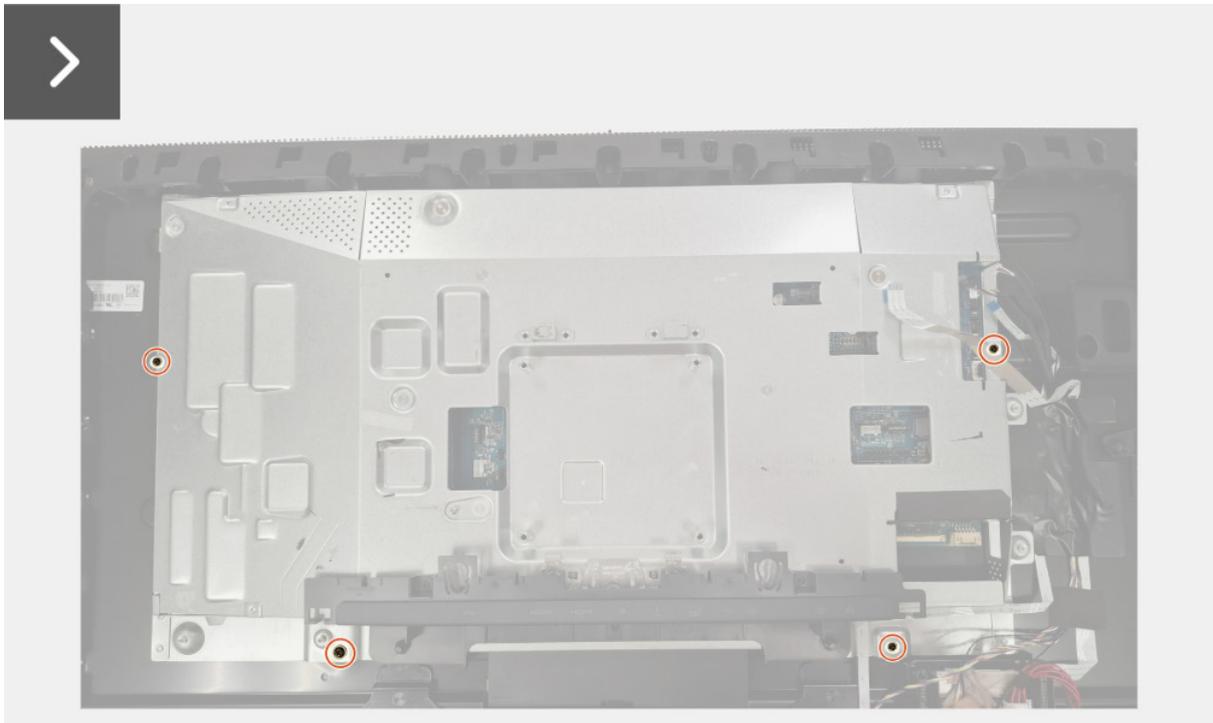
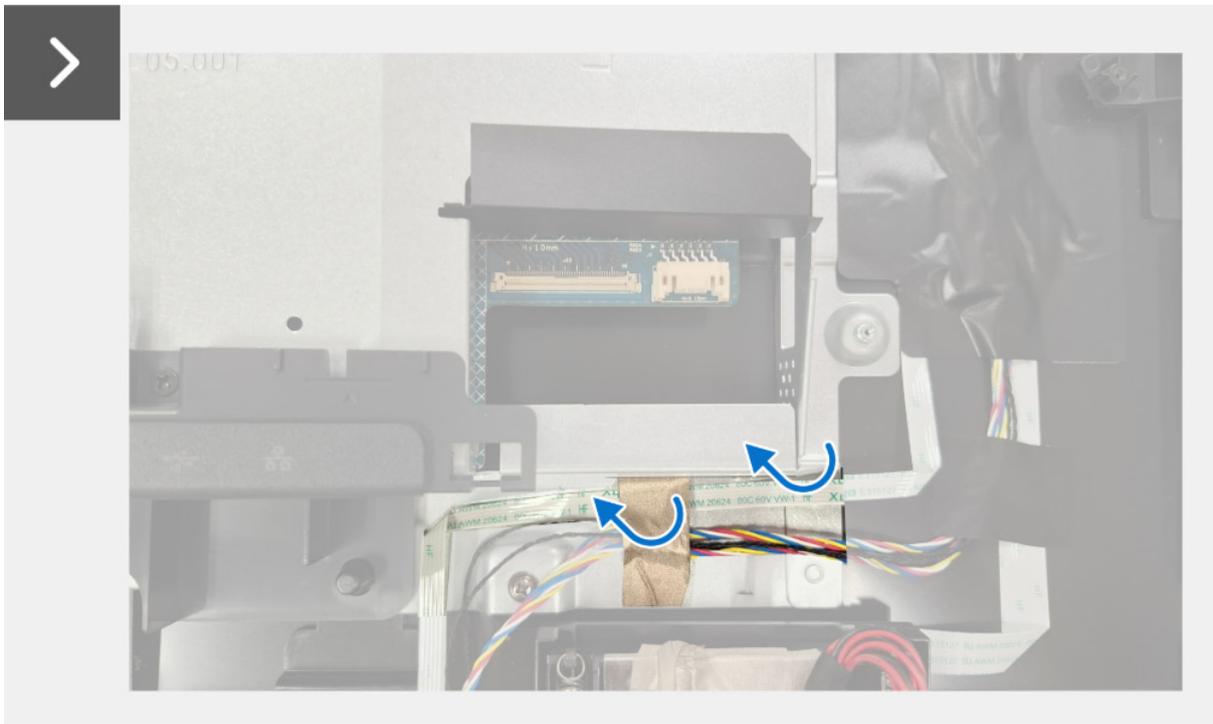


Figure 16. Removing the metal shield

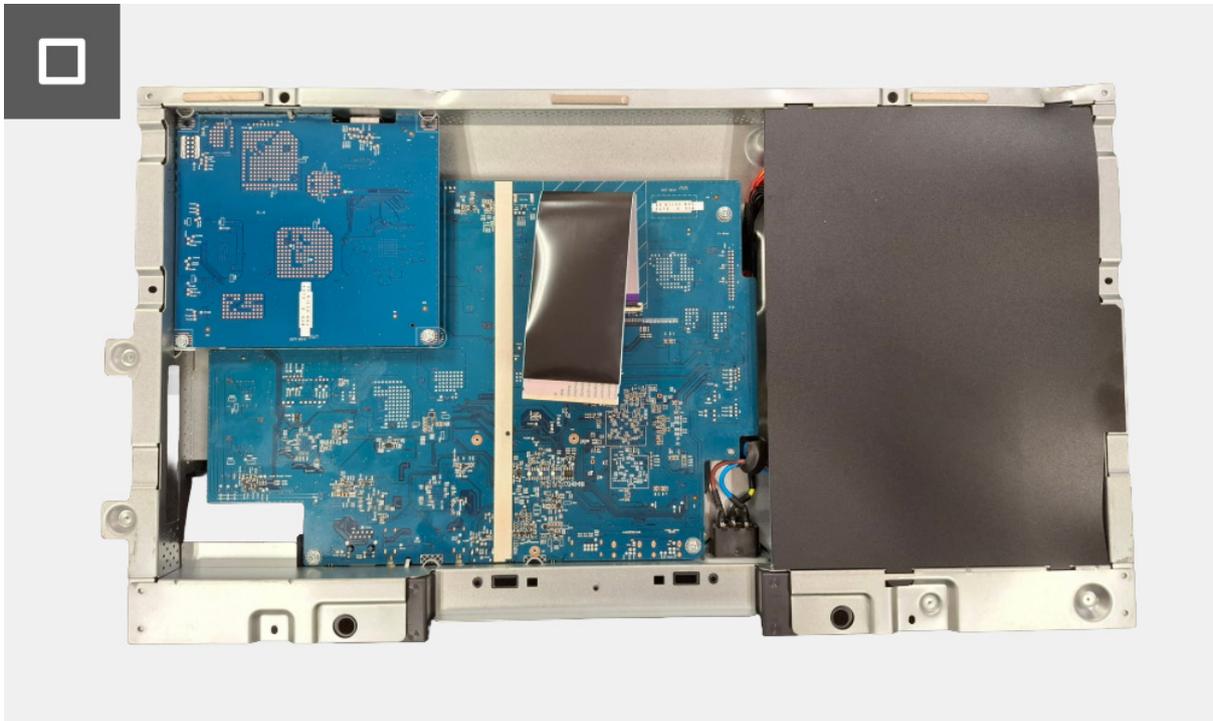
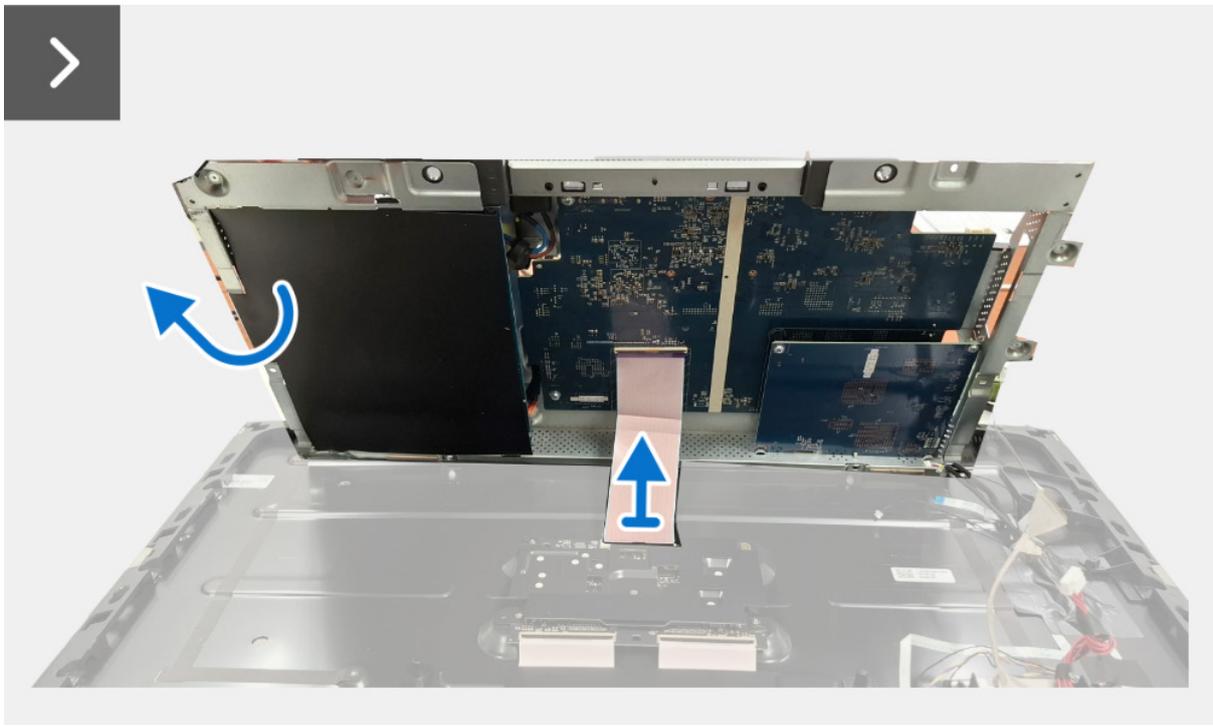


Figure 17. Removing the metal shield

Installing the metal shield

Steps

1. Align the metal shield and connect the LVDS cable into the connector on the display panel.
2. Align and place the metal shield on the display panel, then replace the four screws (M3x3) that secure the metal shield to the display panel.
3. Adhere the FFC on the metal shield, then adhere the tape to secure the FFC to the main shield.
4. Connect the five colorimeter module cables to the connectors on the MCU board, then connect the two USB board cables to the connectors on the USB board.



4x
M3x3

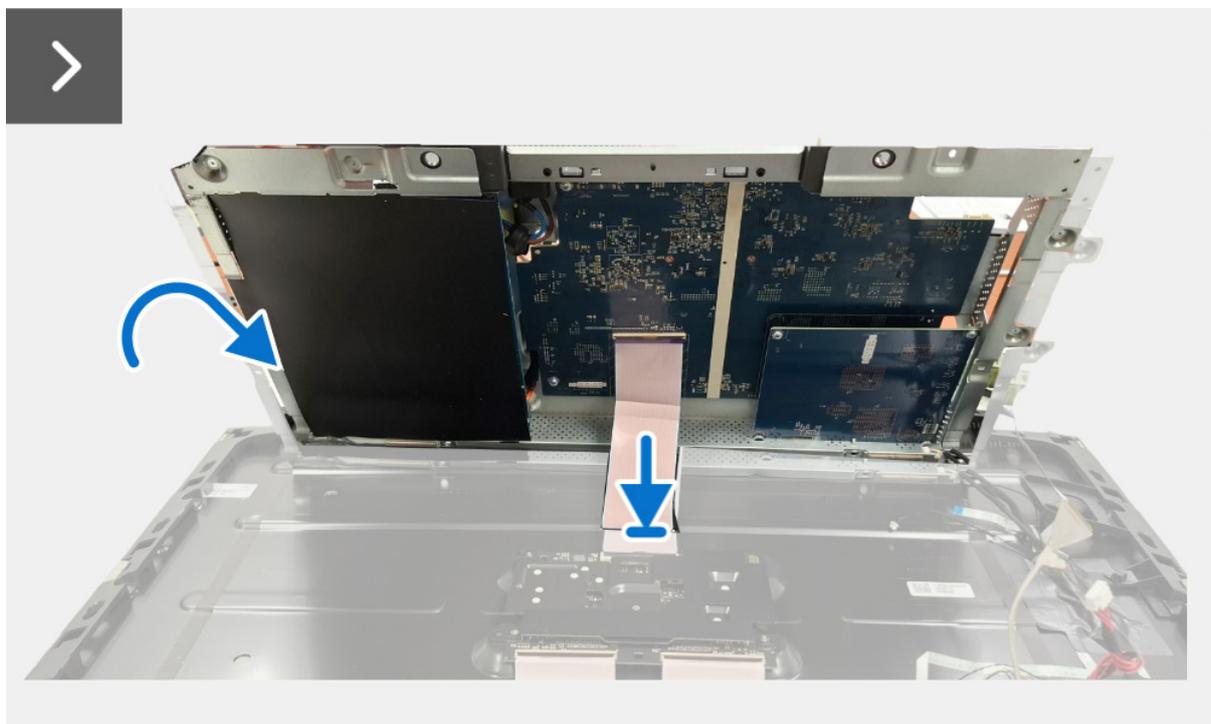
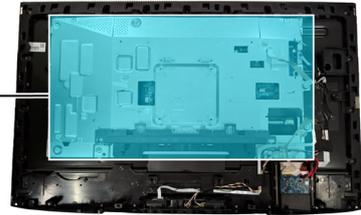
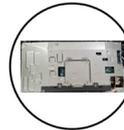


Figure 18. Installing the metal shield

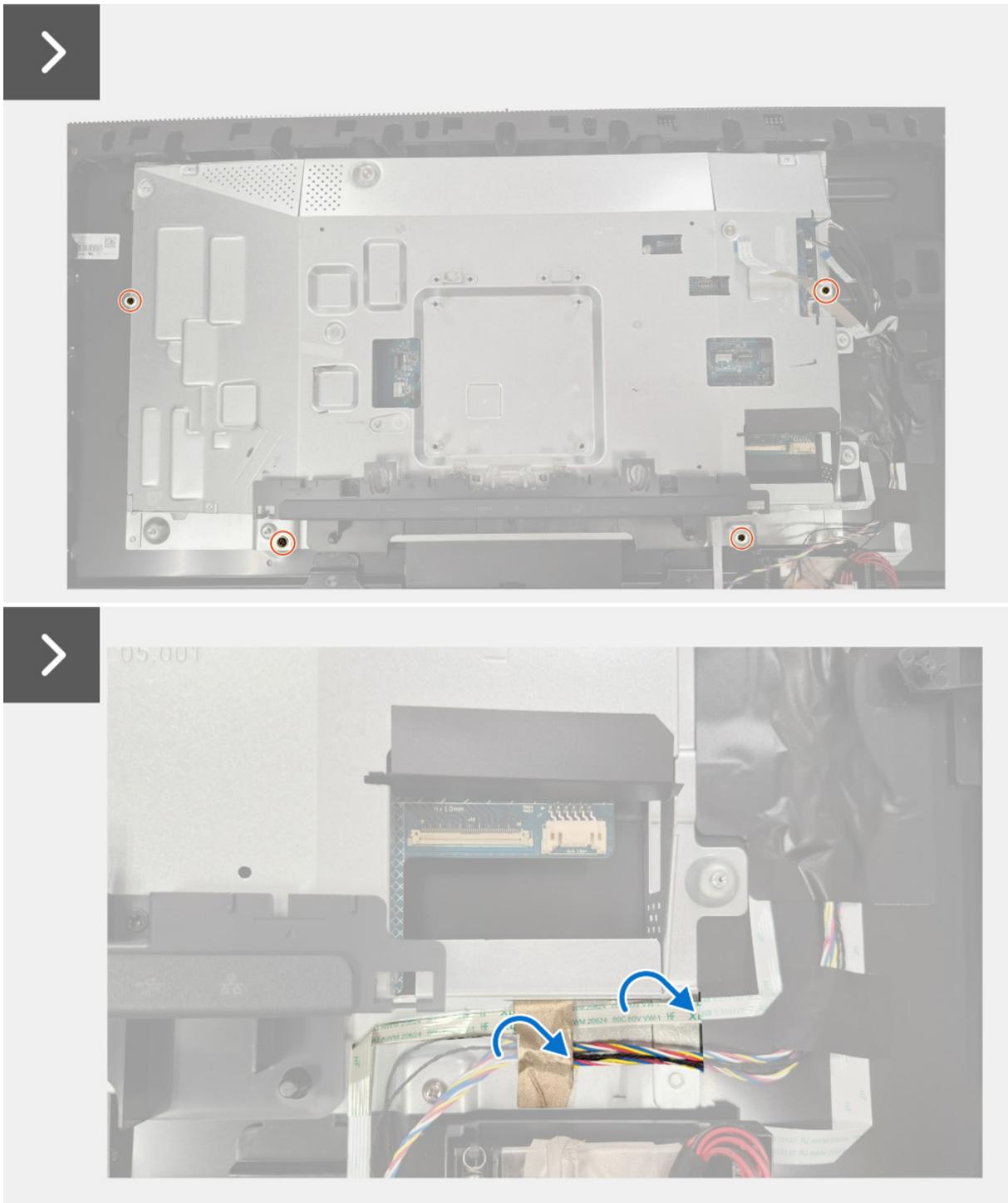


Figure 19. Installing the metal shield

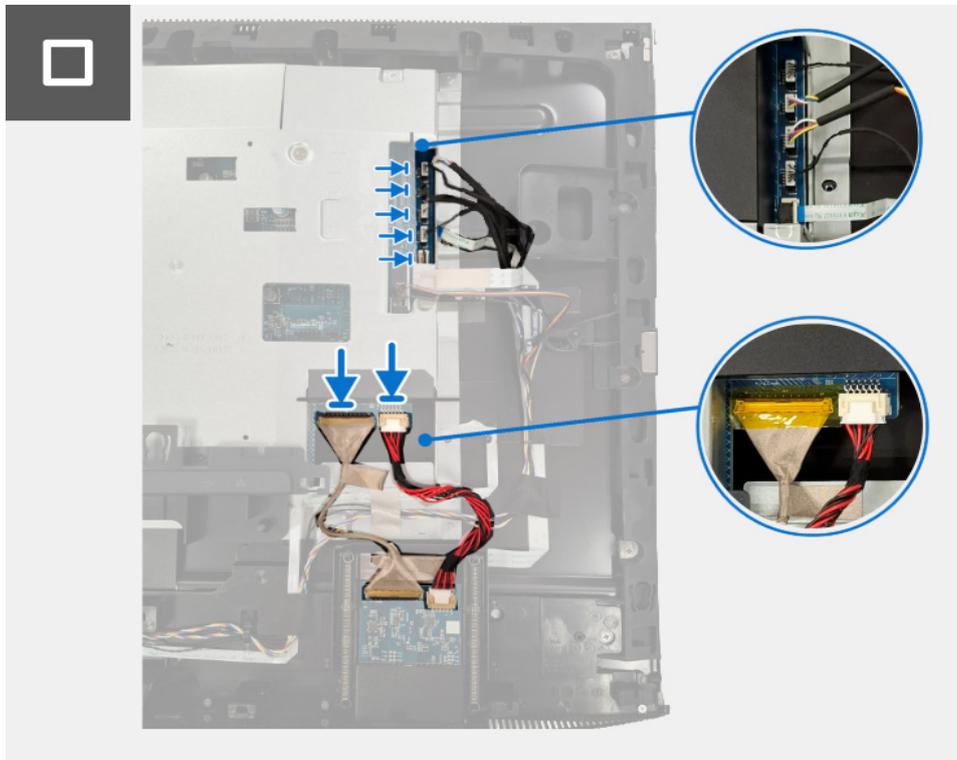


Figure 20. Installing the metal shield

Next steps

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

MCU board

Removing the MCU board

Prerequisites

1. Follow the procedure in [Before working inside your monitor](#).
2. Remove the [stand](#).
3. Remove the [upper back cover](#).
4. Remove the [lower back cover](#).
5. Remove the [fans](#).
6. Remove the [metal shield](#).

Steps

1. Remove the two screws (M3x9) that secure the MCU board to the metal shield.
2. Lift and turn the MCU board and then disconnect the two MCU board cables from the connectors on the MCU board.
3. Remove the MCU board from the metal shield.



2x
M3x9

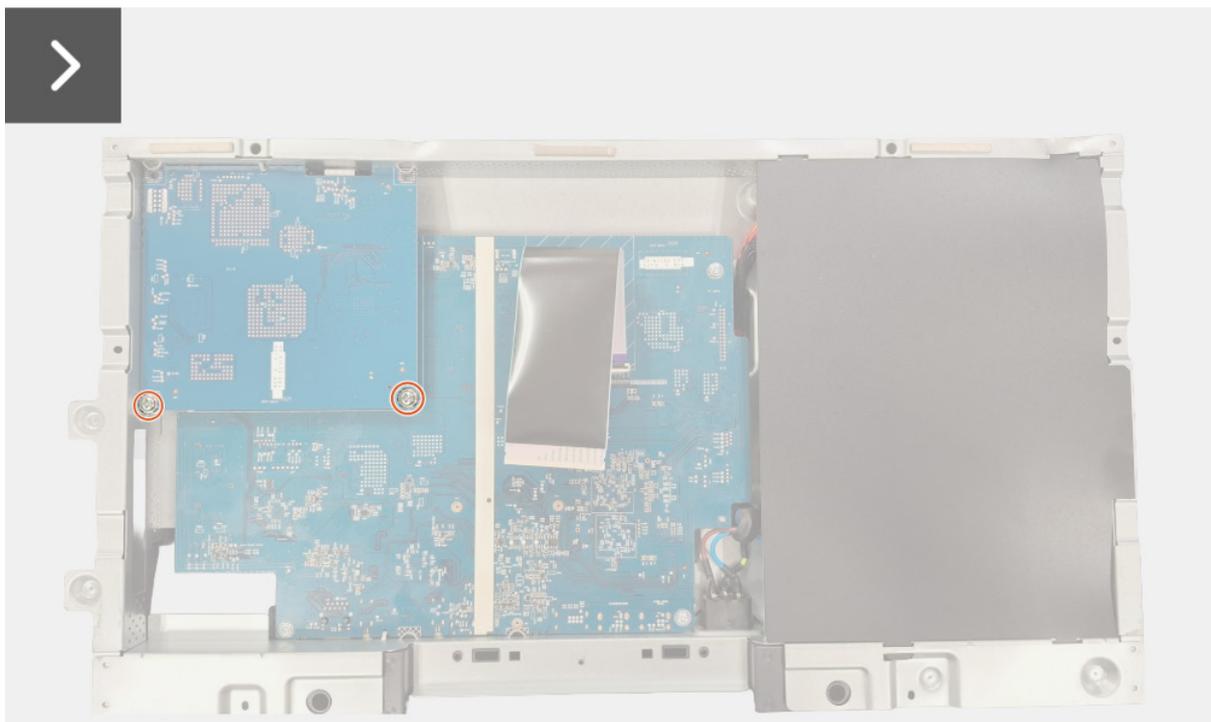


Figure 21. Removing the MCU board

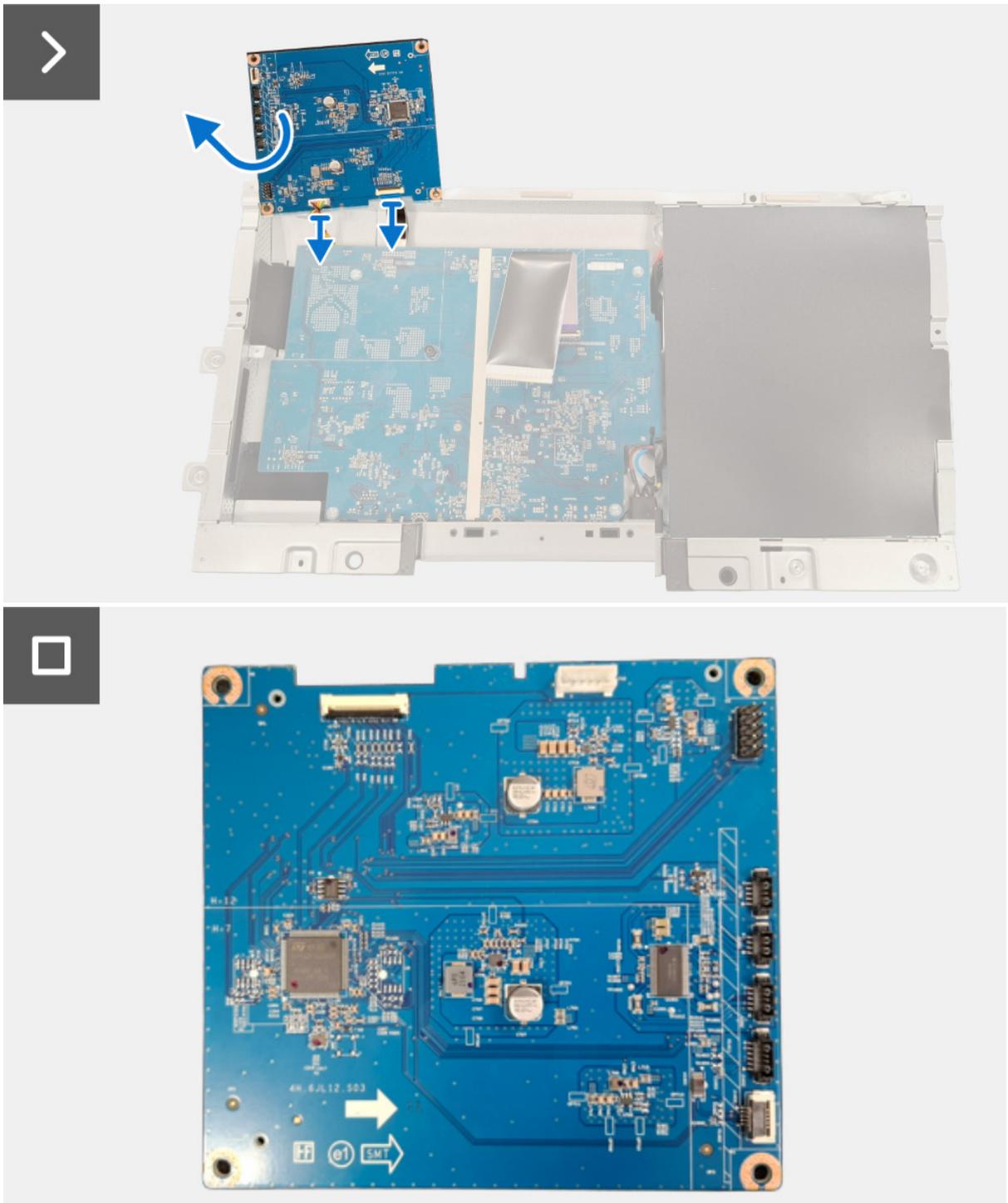


Figure 22. Removing the MCU board

Installing the MCU board

Steps

1. Connect the two MCU board cables to the connectors on the MCU board, then, align and place the MCU board to the metal shield.
2. Replace the two screws (M3x9) that secure the MCU board to the metal shield.



2x
M3x9

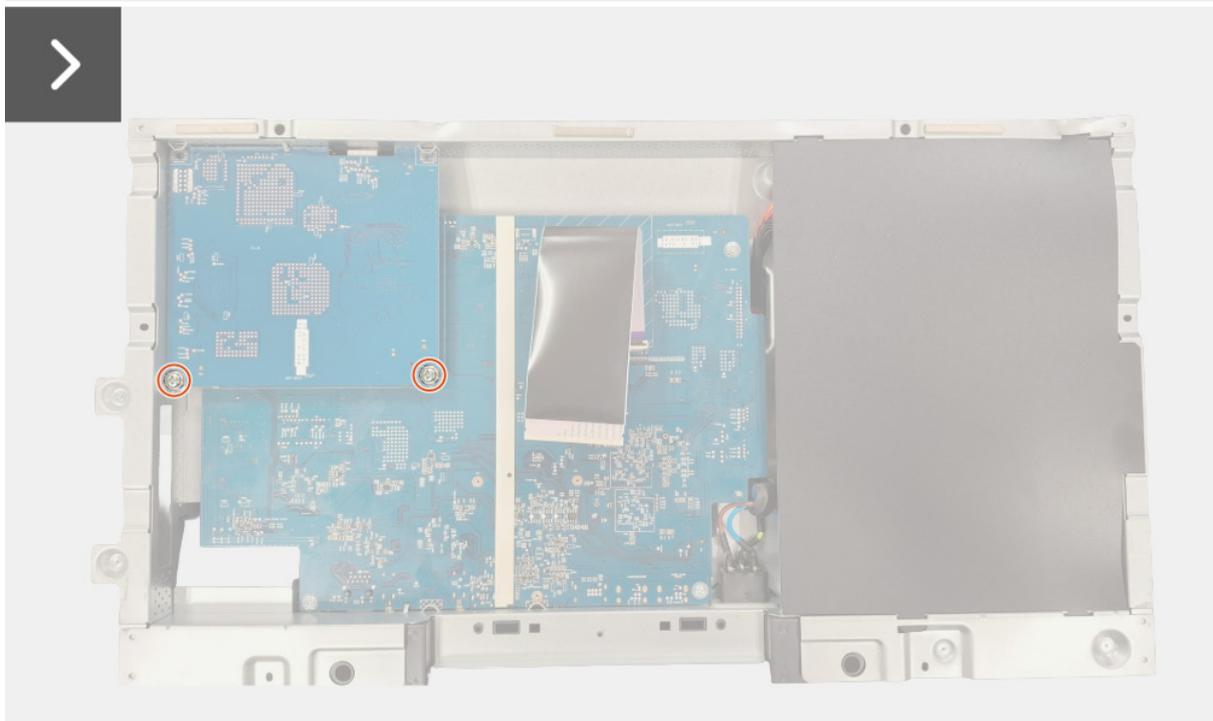
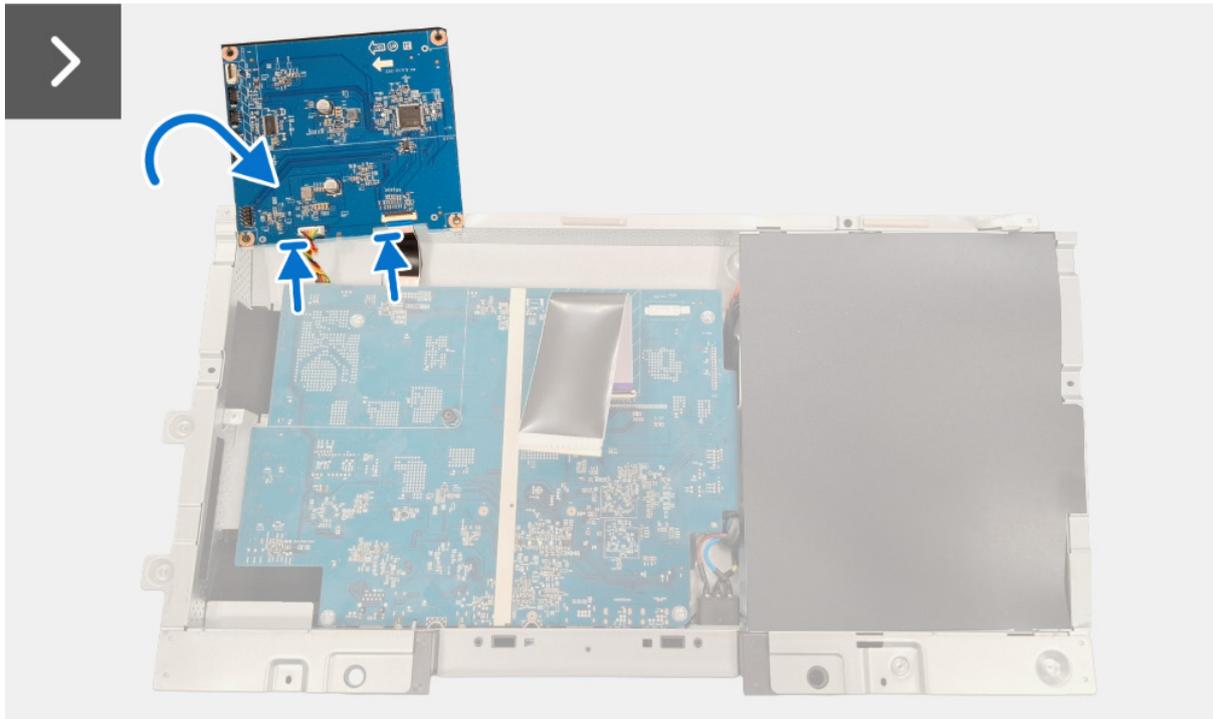
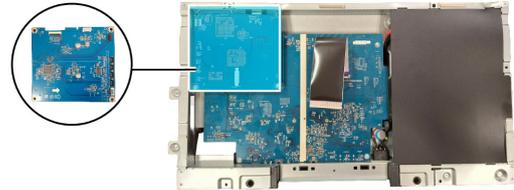


Figure 23. Installing the MCU board

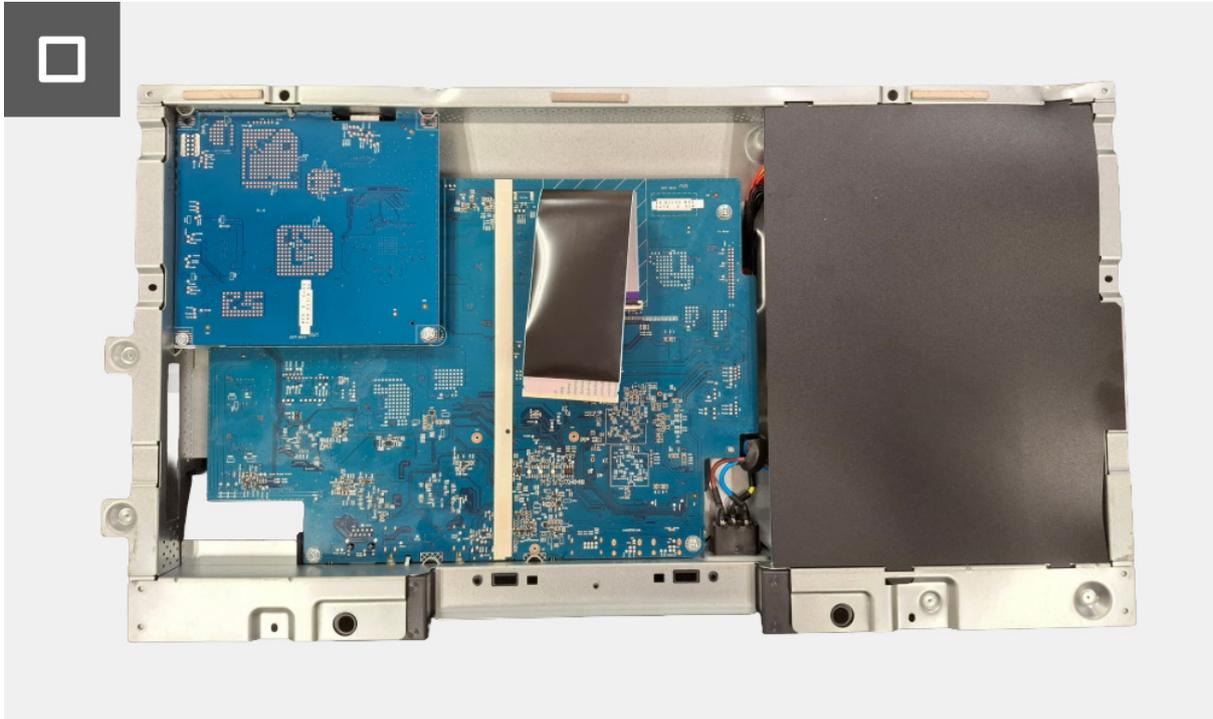


Figure 24. Installing the MCU board

Next steps

1. Install the [metal shield](#).
2. Install the [fans](#).
3. Install the [lower back cover](#).
4. Install the [upper back cover](#).
5. Install the [stand](#).
6. Follow the procedure in [After working inside your monitor](#).

Interface board and thunderbolt board

Removing the interface board and thunderbolt board

Prerequisites

1. Follow the procedure in [Before working inside your monitor](#).
2. Remove the [stand](#).
3. Remove the [upper back cover](#).
4. Remove the [lower back cover](#).
5. Remove the [fans](#).
6. Remove the [metal shield](#).
7. Remove the [MCU board](#).

Steps

1. Peel the mylar on the metal shield.
2. Remove the four screws (M3x9) and one bolt (M3x18) that secure the interface board to the metal shield.
3. Lift the interface board and disconnect the power board cable from the connector on the interface board, then, remove the interface board from the metal shield.
4. Turn the interface board to the back side and disconnect the LVDS cable from the connector on the interface board.
5. Turn the interface board to the front side and disconnect the two interface board cables from the connectors on the interface board.
6. Remove the three screws (M2x4) that secure the thunderbolt board to the interface board.
7. Remove the thunderbolt board from the interface board

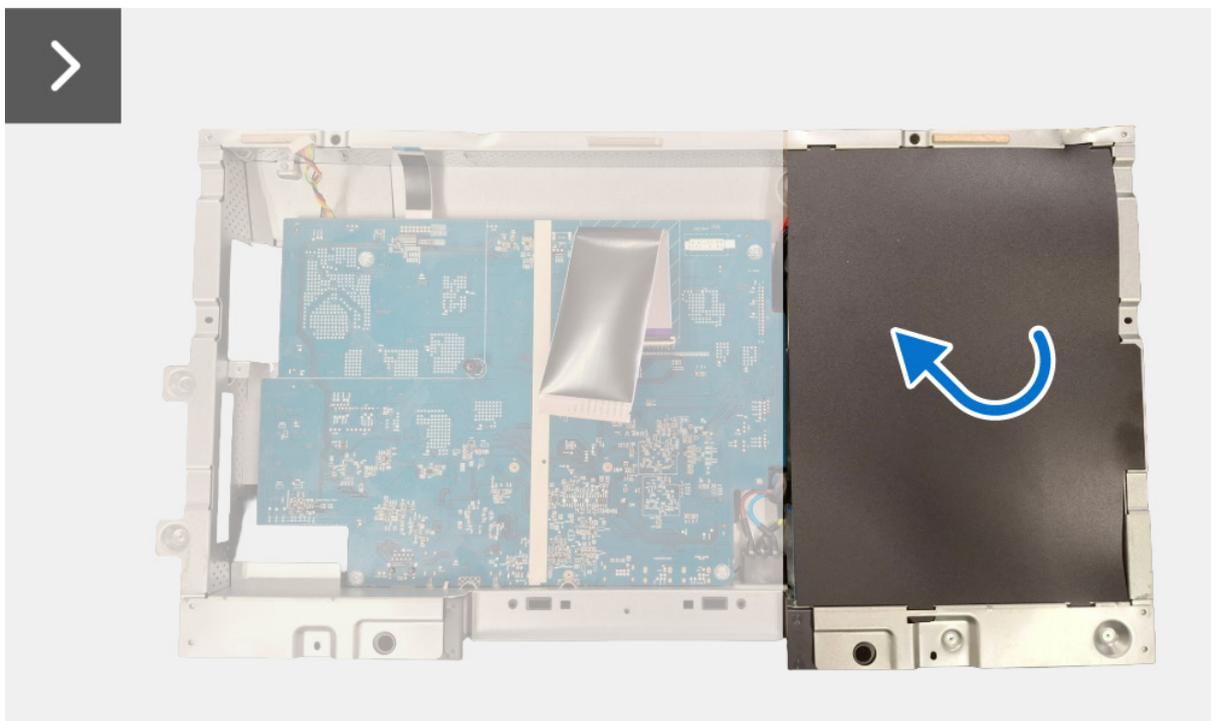


Figure 25. Removing the interface board and thunderbolt board

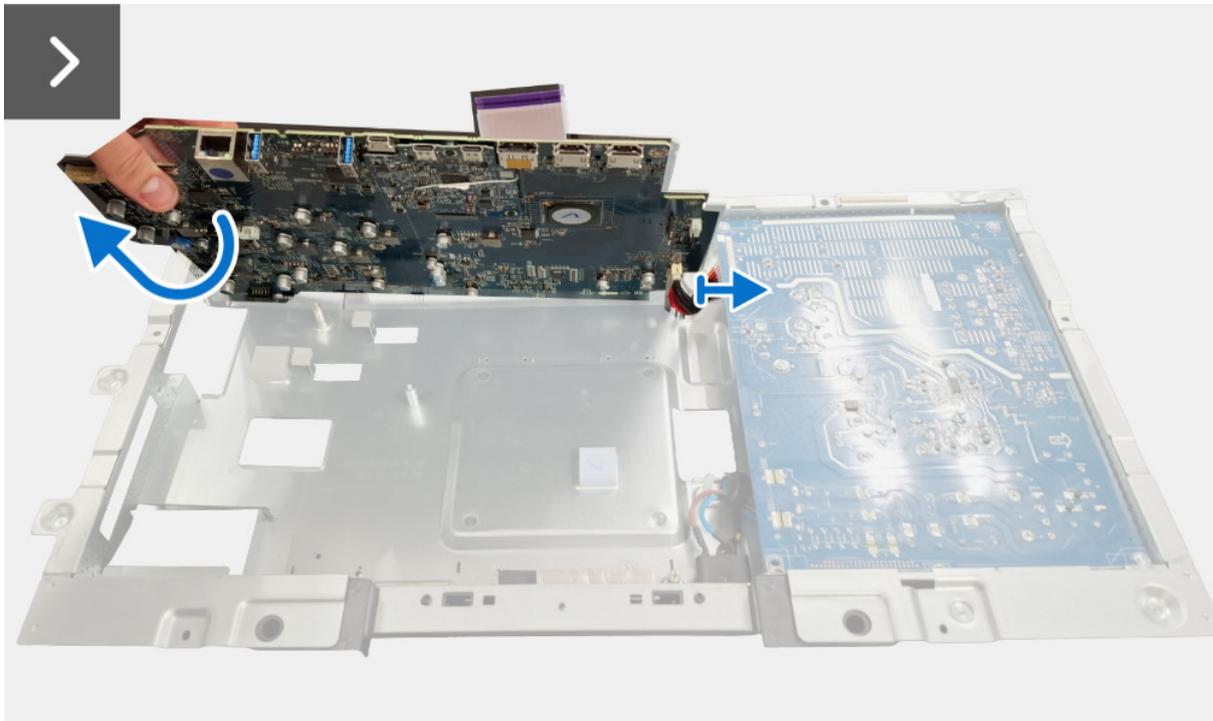
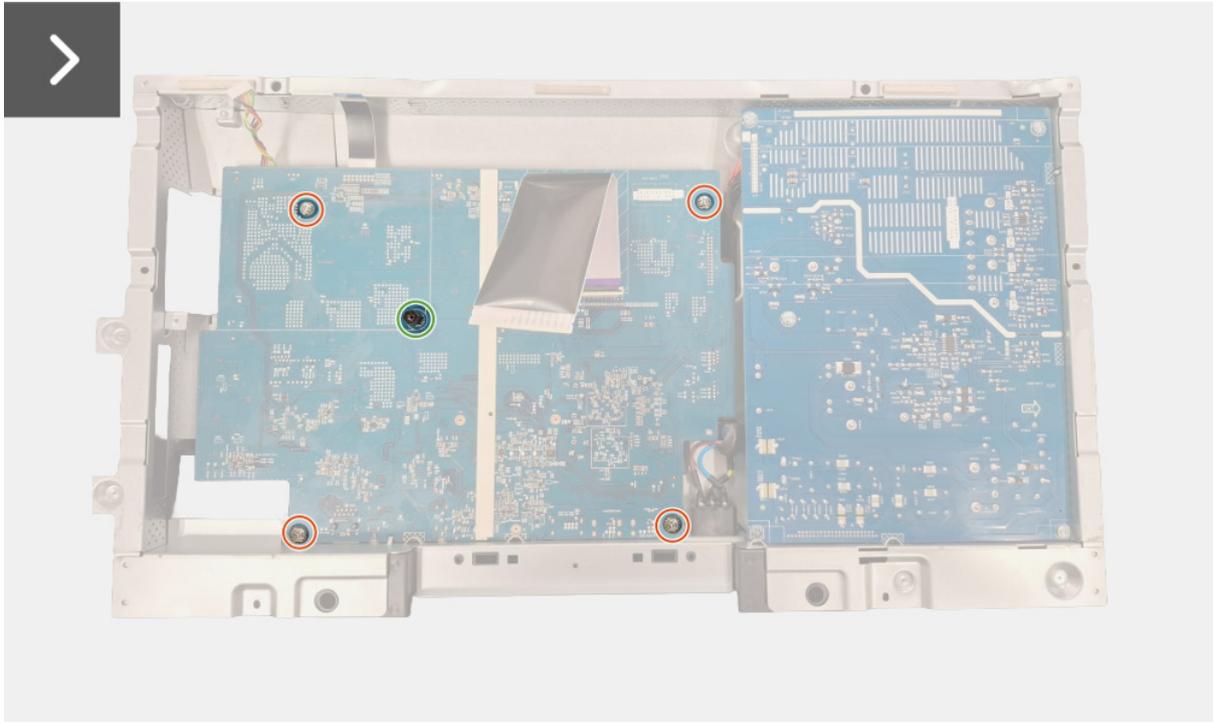


Figure 26. Removing the interface board and thunderbolt board

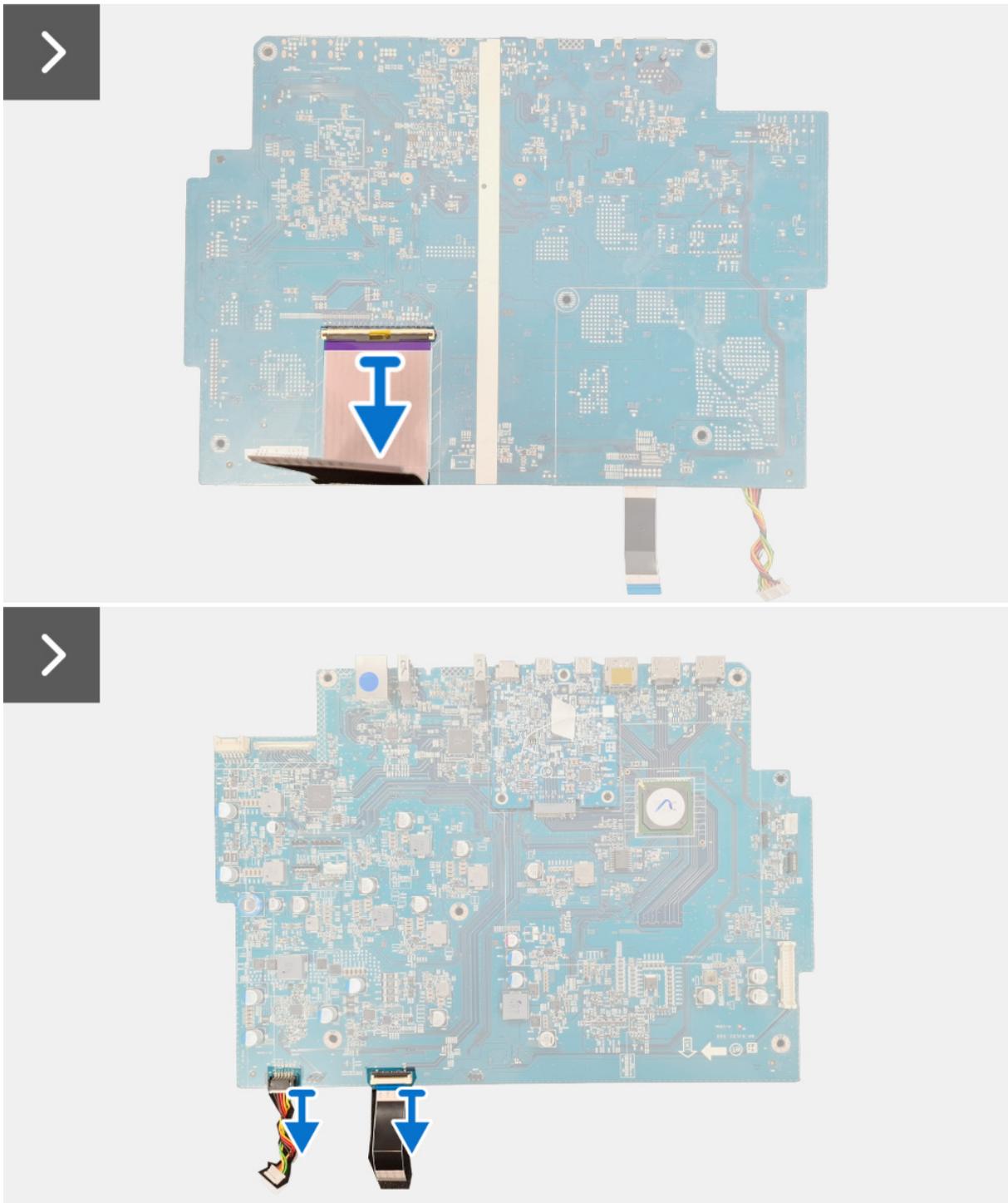


Figure 27. Removing the interface board and thunderbolt board

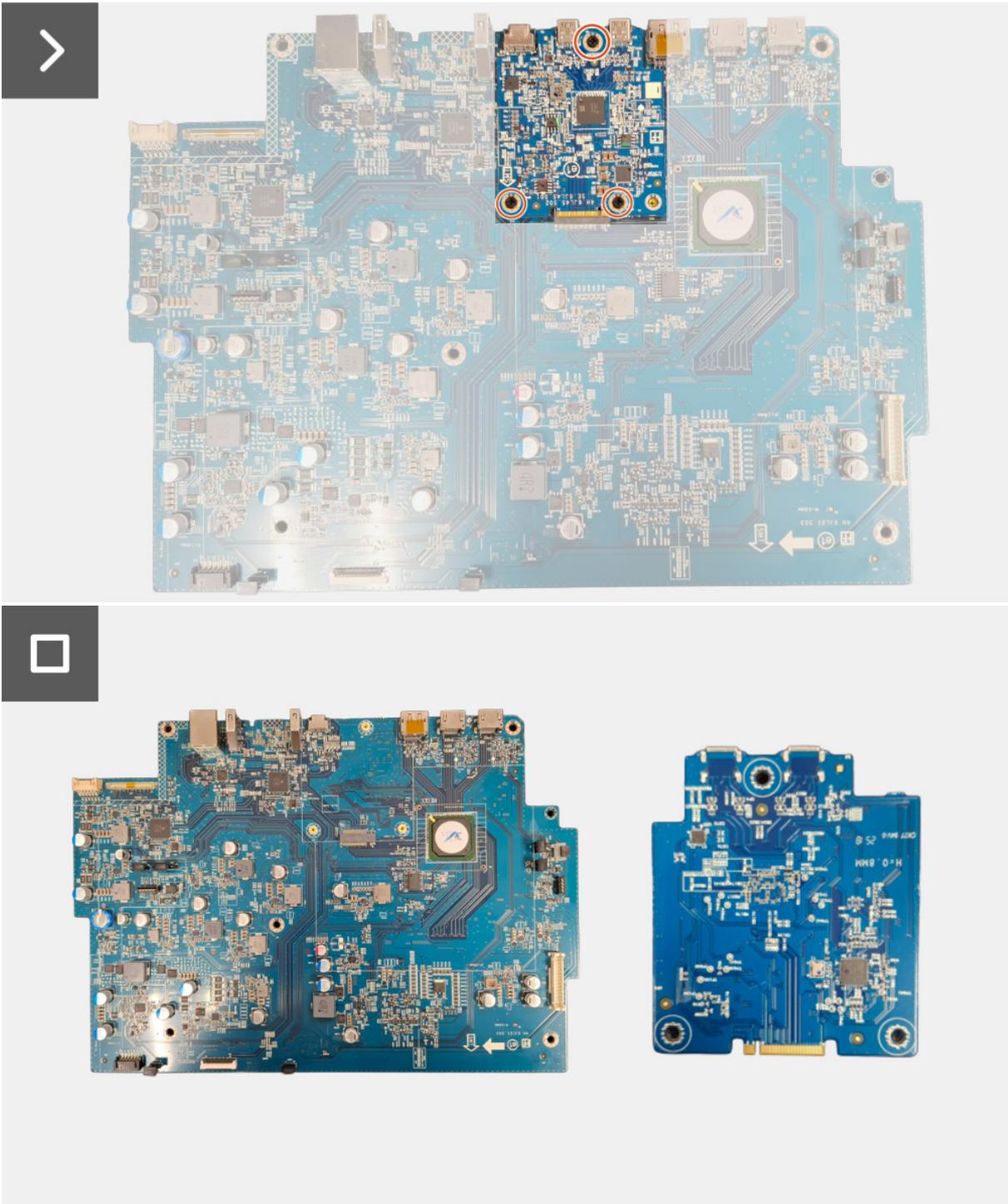


Figure 28. Removing the interface board and thunderbolt board

Installing the interface board and thunderbolt board

Steps

1. Align and place the thunderbolt board to the interface board, then, replace the three screws (M2x4) that secure the thunderbolt board to the interface board.
2. Connect the two interface board cables to the connectors on the interface board.
3. Turn the interface board to the back side and connect the LVDS cable to the connector on the interface board.
4. Lift the interface board and connect the power board cable to the connector on the interface board, then, align and place the interface board to the metal shield.
5. Replace the four screws (M3x9) and one bolt (M3x18) that secure the interface board to the metal shield.
6. Adhere the mylar on the metal shield.

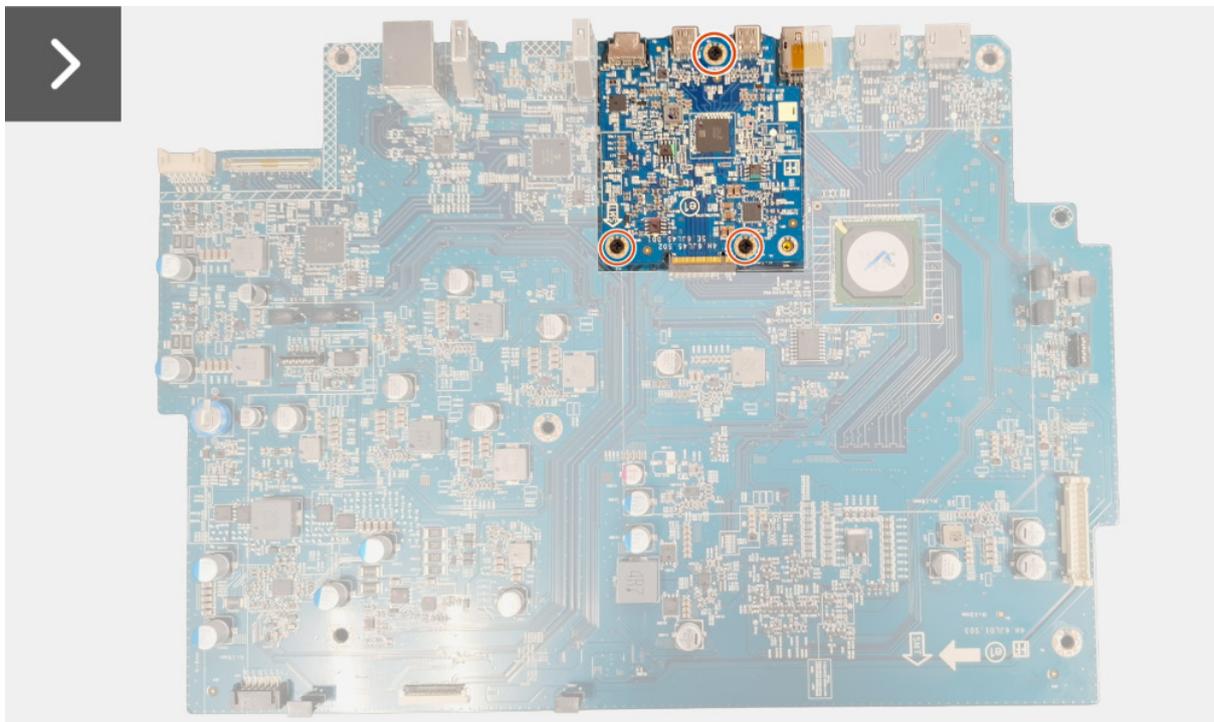
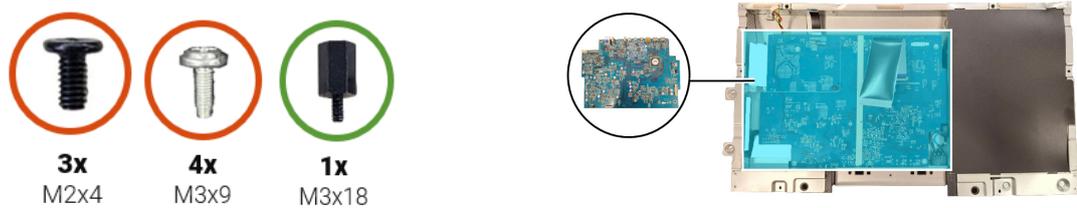


Figure 29. Installing the interface board and thunderbolt board



Figure 30. Installing the interface board and thunderbolt board

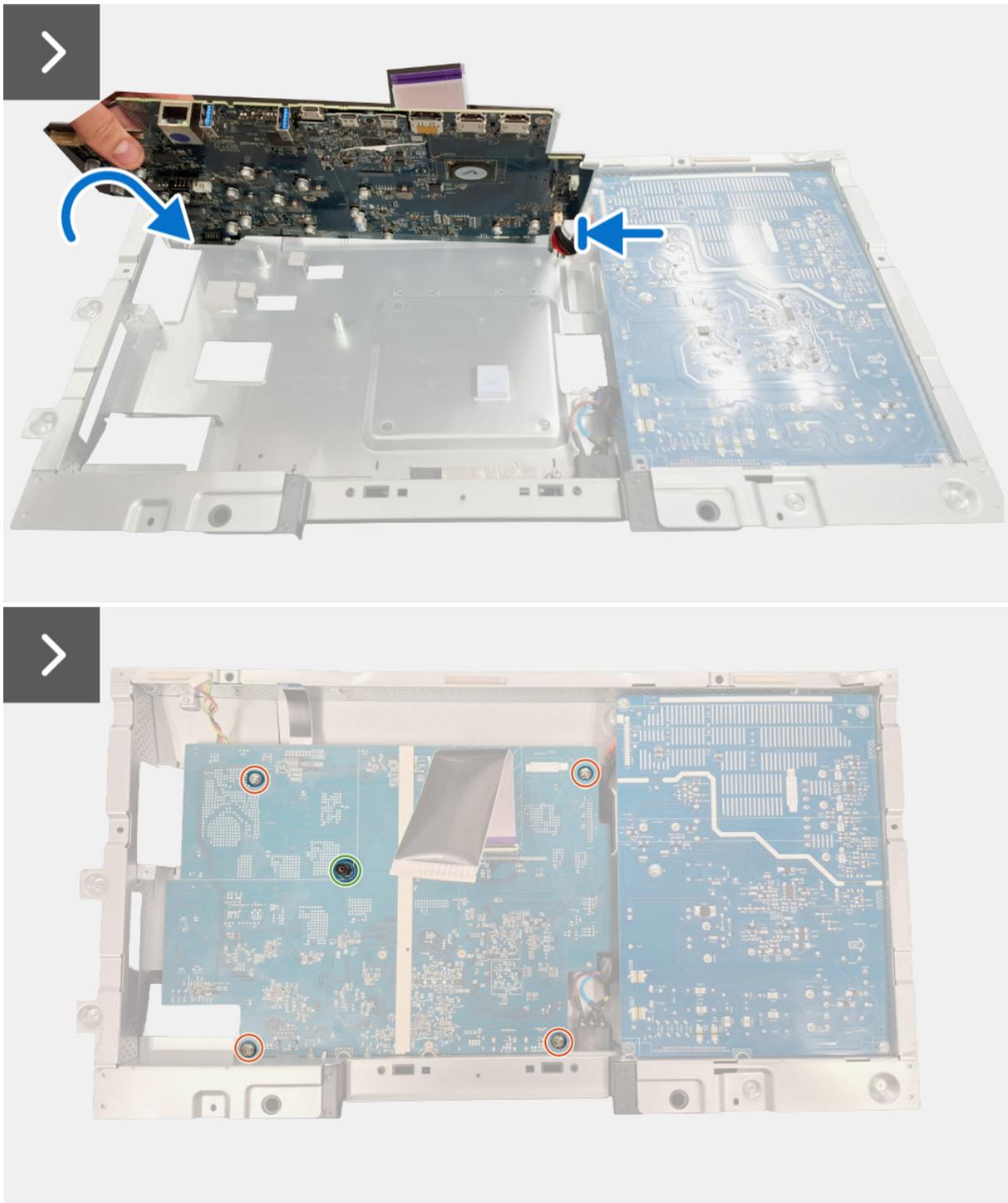


Figure 31. Installing the interface board and thunderbolt board

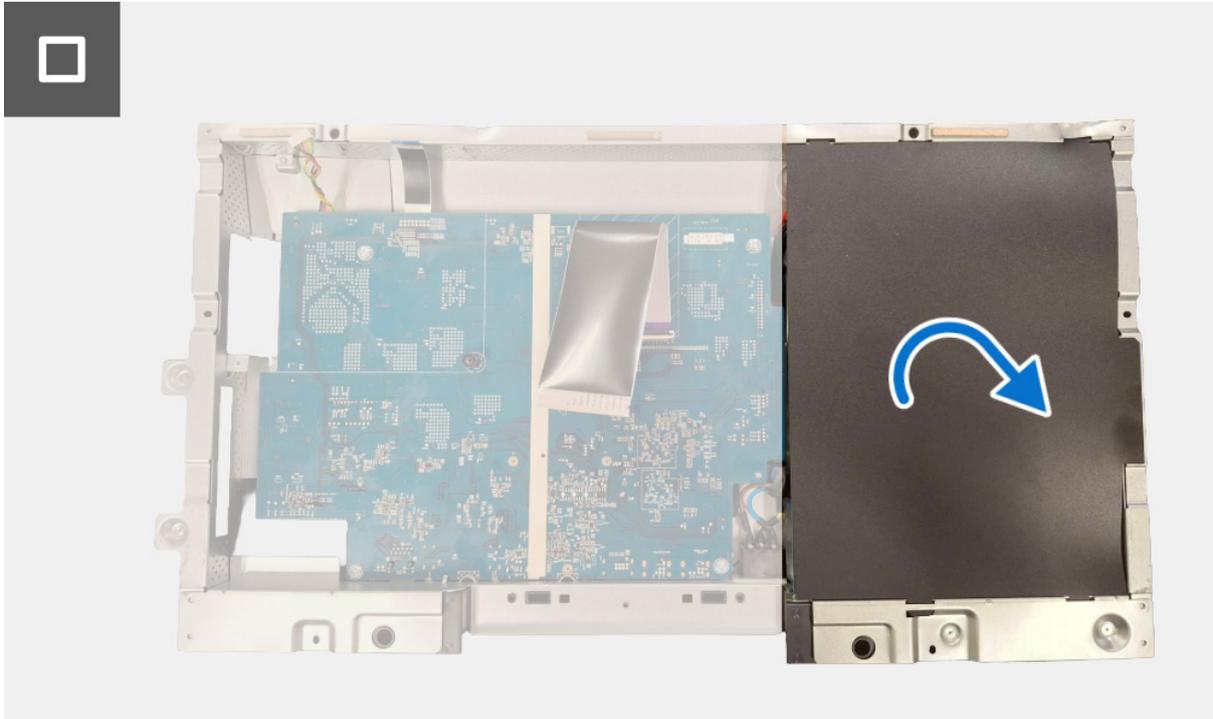


Figure 32. Installing the interface board and thunderbolt board

Next steps

1. Install the [MCU board](#).
2. Install the [metal shield](#).
3. Install the [fans](#).
4. Install the [lower back cover](#).
5. Install the [upper back cover](#).
6. Install the [stand](#).
7. 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 [upper back cover](#).
4. Remove the [lower back cover](#).
5. Remove the [fans](#).
6. Remove the [metal shield](#).
7. Remove the [MCU board](#).
8. Remove the [interface board and thunderbolt board](#).

Steps

1. Remove the three screws (M3x9) that secure the power board to the metal shield.
2. Lift the power board from the metal shield.
3. Disconnect the AC socket cable from the connector on the power board, then remove the power board from the metal shield.
4. Disconnect the power board cable from the connector on the power board.

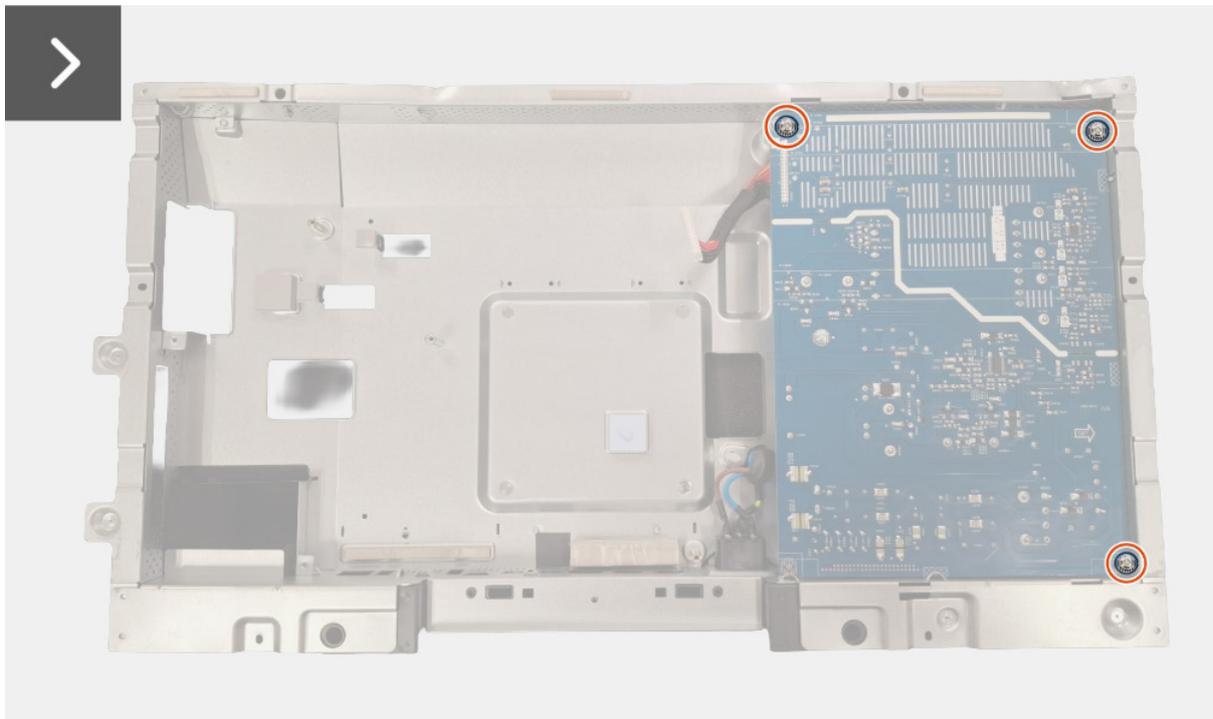


Figure 33. Removing the power board

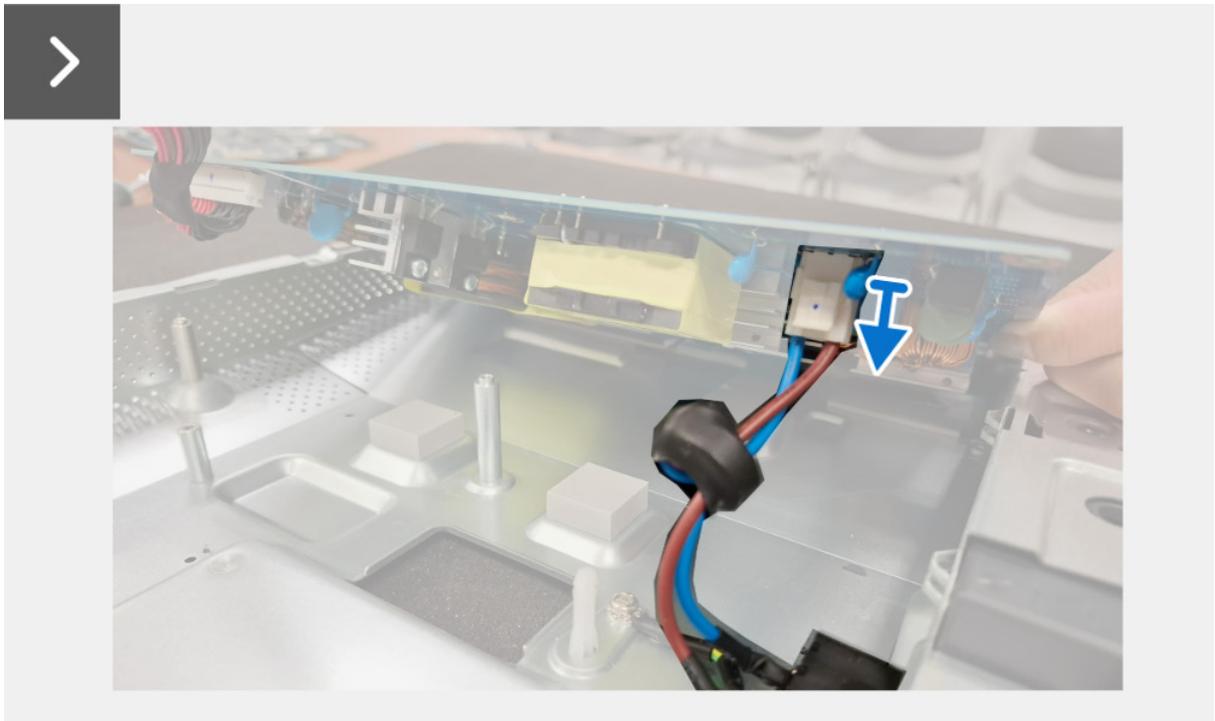
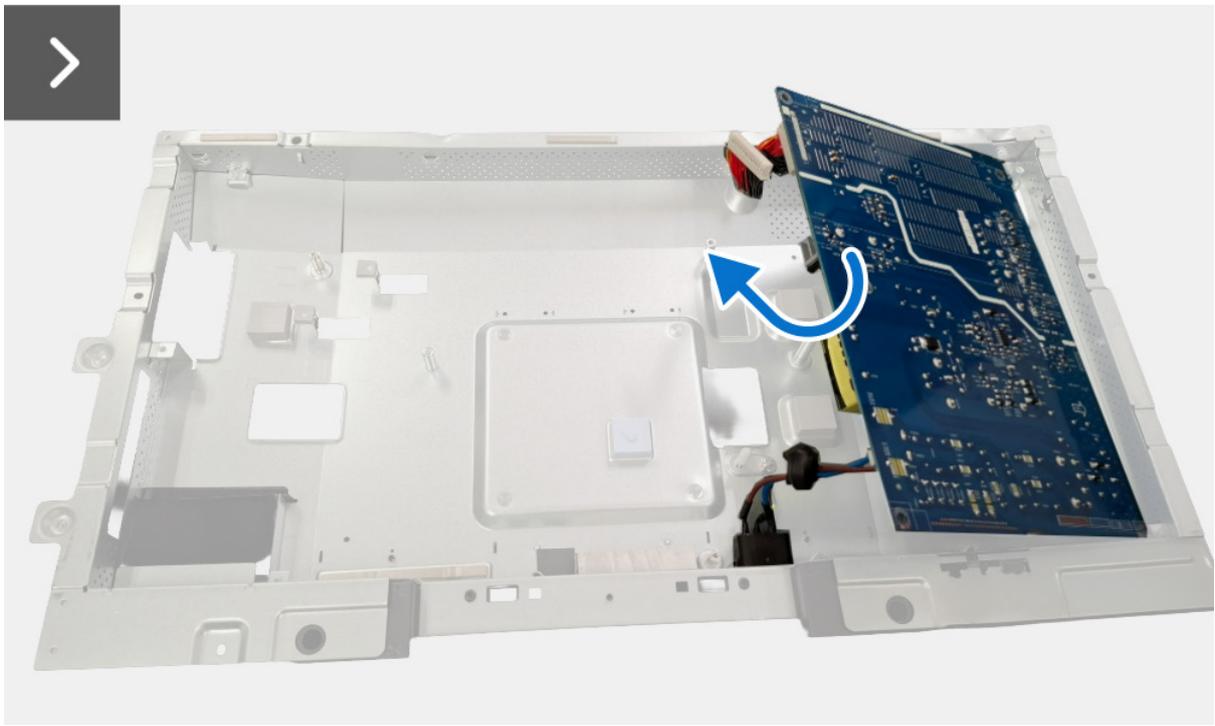


Figure 34. Removing the power board

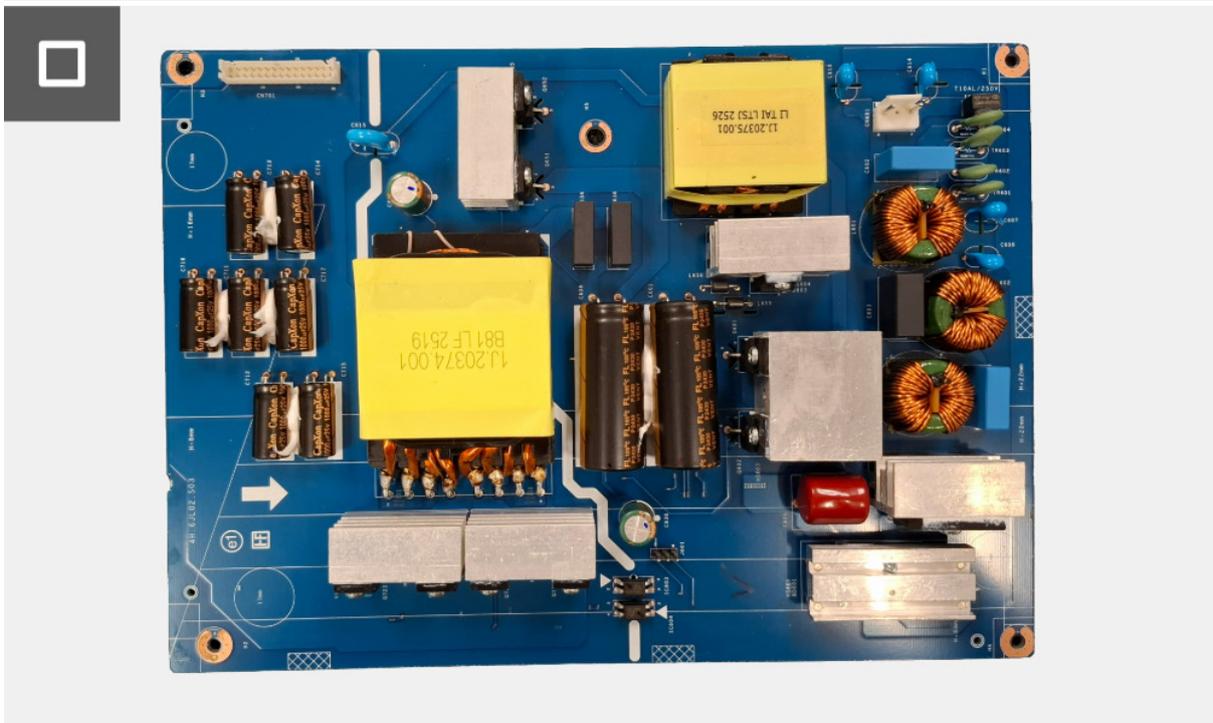
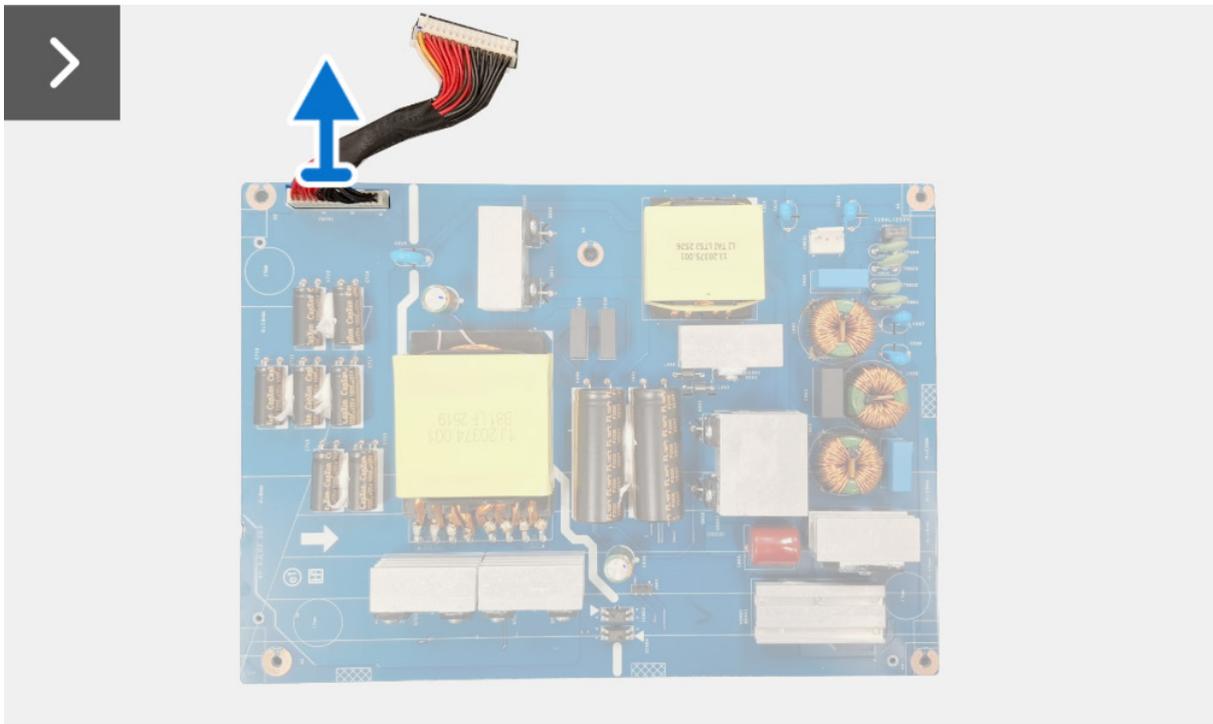


Figure 35. Removing the power board

Installing the power board

Steps

1. Connect the power board cable to the connector on the power board.
2. Connect the AC socket cable to the connector on the power board.
3. Align and place the power board to the metal shield.
4. Replace the three screws (M3x9) that secure the power board to the metal shield.



3x
M3x9

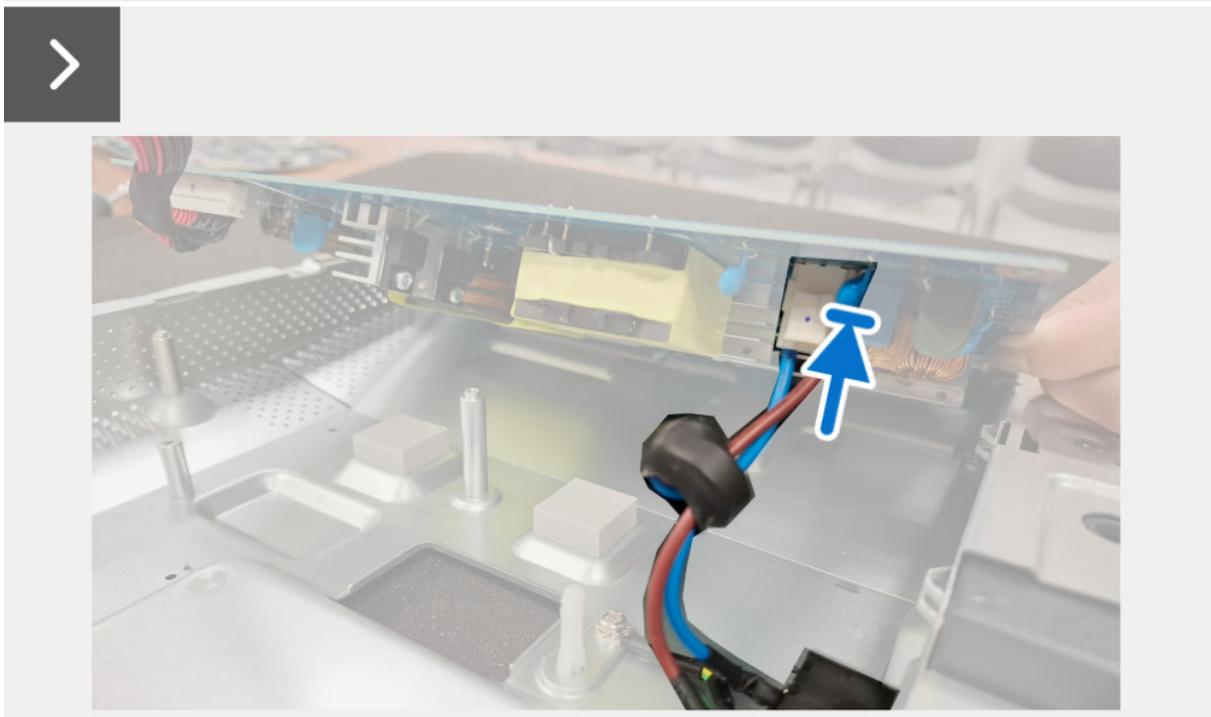
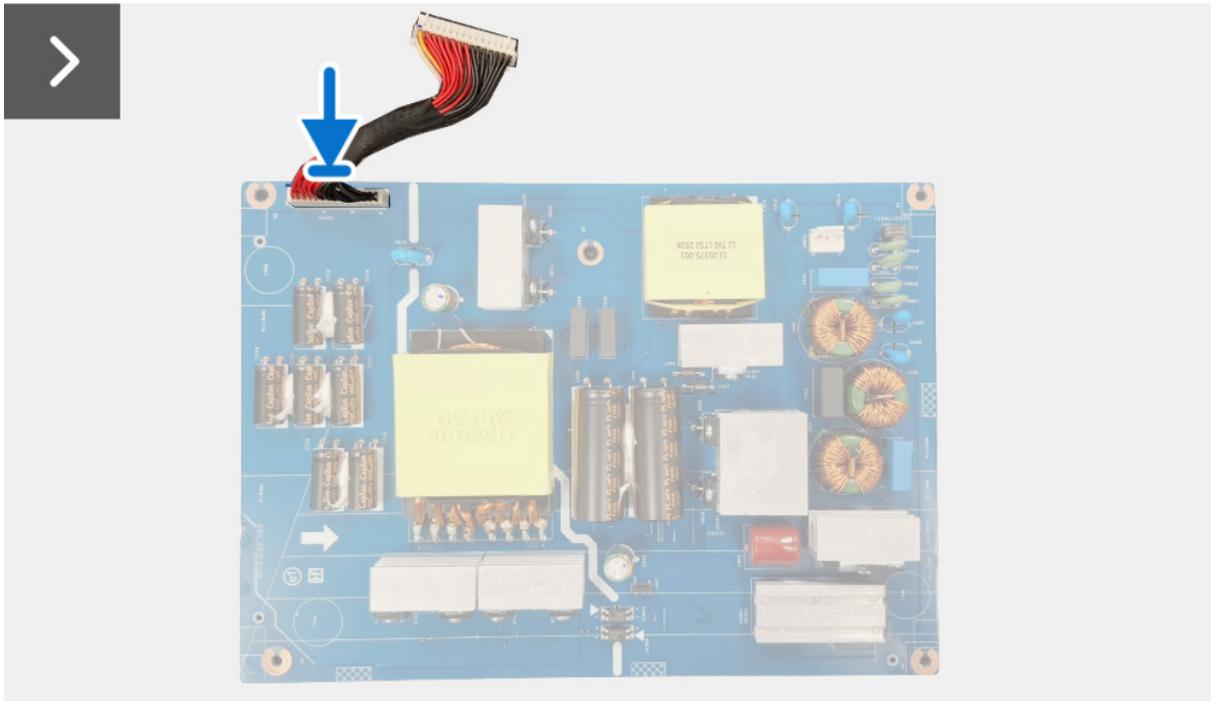
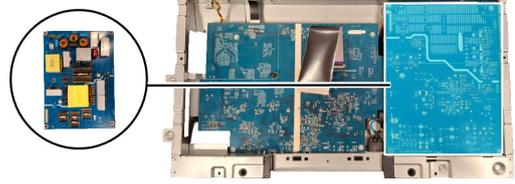


Figure 36. Installing the power board

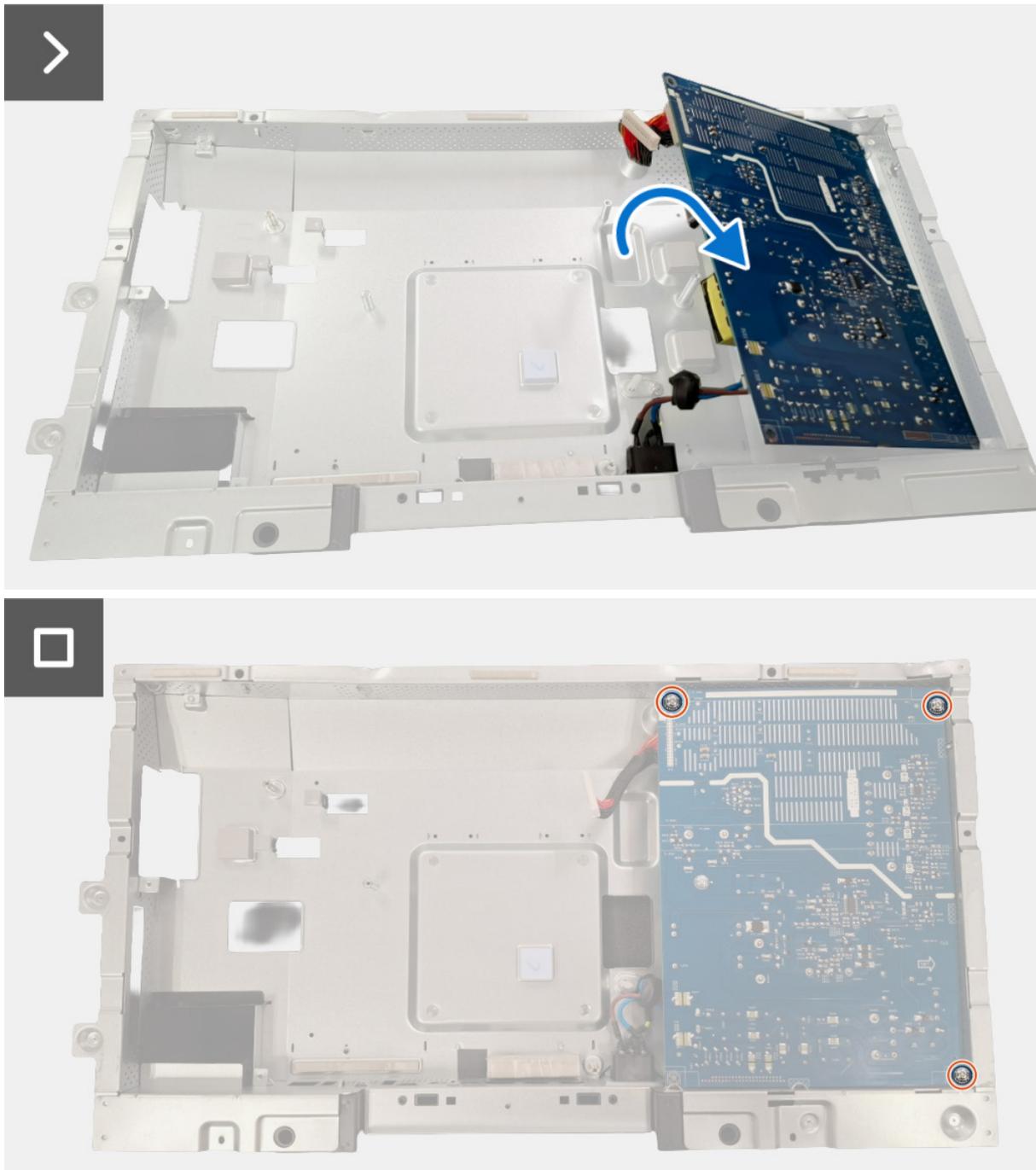


Figure 37. Installing the power board

Next steps

1. Install the [interface board and thunderbolt board](#).
2. Install the [MCU board](#).
3. Install the [metal shield](#).
4. Install the [fans](#).
5. Install the [lower back cover](#).
6. Install the [upper back cover](#).
7. Install the [stand](#).
8. Follow the procedure in [After working inside your monitor](#).

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

Revision History

The following table provides the revision history of this document:

Table 2. Revision history

Revision	Date	Description
A00	February 2026	Original publish date