



Asus VivoBook X540SA-BPD0602V Display Replacement

This guide will walk the user through replacing the device's LCD display.

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INTRODUCTION

In the case of a cracked or broken display screen on your ASUS VivoBook X540SA-BPD0602V, a screen replacement may be necessary to restore the laptop to its normal functionality. This guide will walk the user through replacing the device's LCD display screen, through step-by-step instructions. All power sources, including the battery, should be removed before completing any repairs or replacements within the device.

TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [Metal Spudger](#) (1)
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Step 1 — Keyboard



- Power down the laptop using the device's power button in top right corner of the keyboard. Ensure that the device's power cord is disconnected.

Step 2



- Flip the laptop over so the back panel is displayed.

Step 3



- Using a Phillips #1 screwdriver, remove the ten screws from the back panel.
- Remove the two battery screws (15.6 mm)
- Two top corner screws (12.5 mm)
- Six case screws (9.7mm)

Step 4



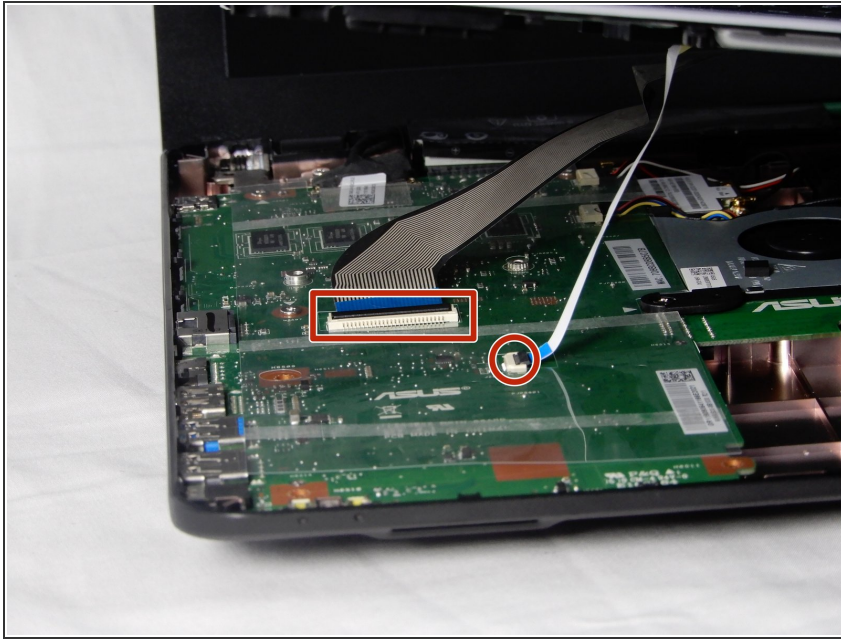
- Flip the laptop back over and open it, revealing the screen and keyboard.

Step 5



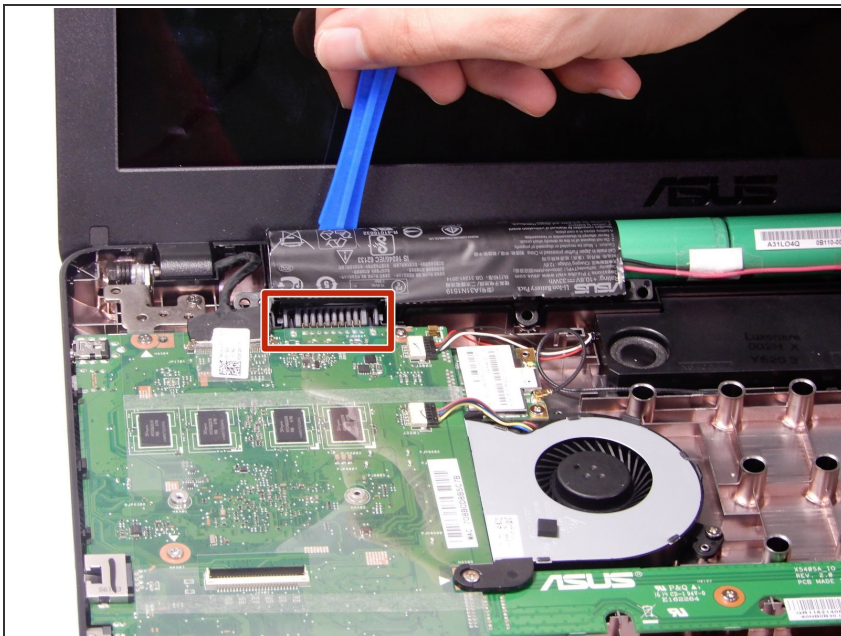
- Using the blue plastic opening tool, wedge and loosen the seal all the way around the edges. Carefully lift up the keyboard panel.
- ⚠ When lifting the keyboard panel, do not lift it all the way as the two connection ribbons to the motherboard must be disconnected.
- ⓘ It is recommended to break the seal of the case starting at the upper corners closest to the display monitor .

Step 6



- Observe where the ribbons connect to the motherboard, there are two connections. Each connection has a black clamp. To remove the ribbon, lift the black clamp up to disconnect it.

Step 7 — Battery



- Very carefully, remove the batteries with the blue plastic iFixit opening tool. Focus removing the battery near the highlighted area.
- ⓘ The batteries should all be connected to one another and come out of the device as a single unit.
- ⚠ Be careful not to rip any of the black plastic covering the batteries. Exposed battery parts can lead to explosions. If the case is ripped, re-wrap them, or properly dispose of them. Do not reuse them.

Step 8 — Display



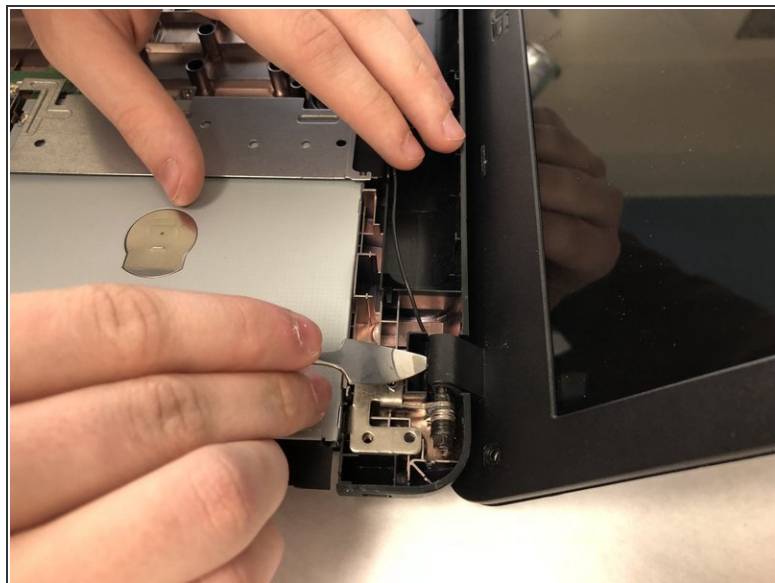
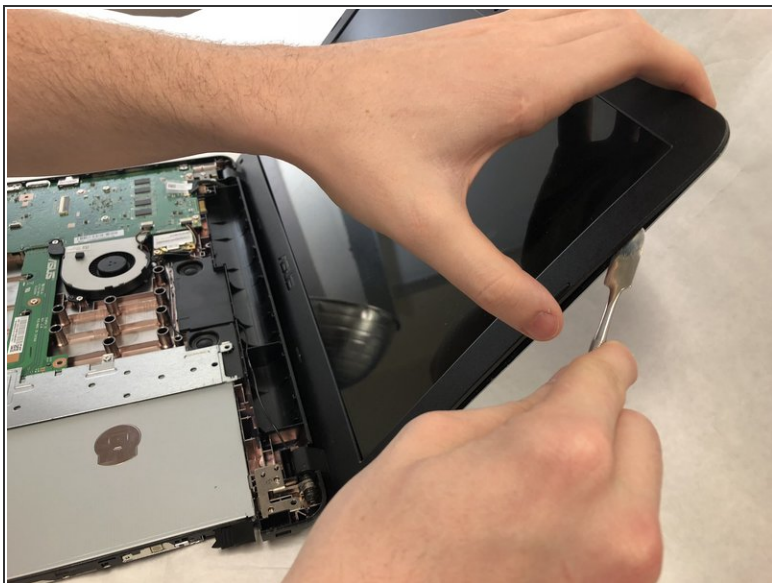
- Use tweezers to remove small plastic screw covers from the bottom corners of the screen.

Step 9



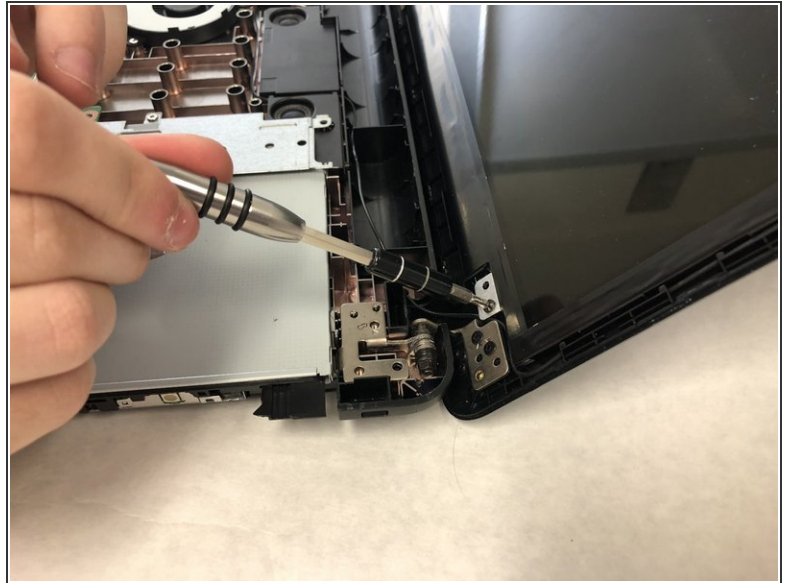
- Using the Phillips #0 screwdriver, remove the screws (3.8mm) from the bottom corners of the screen.

Step 10



- Gently go around the screen and pry the plastic frame away with the metal spudger.
 - Before disconnecting the bottom edge of the plastic frame, be sure to disconnect it from the laptop's hinges.
- ⚠ Be careful with the metal spudger in this process--it is easy to cause damage to the device with this tool.

Step 11



- Remove screws (3.5mm) from the four corners of the screen, utilizing Phillips #0 screwdriver.

Step 12



- Gently pull the display away from where it is seated in the device.
- ⓘ Note that there is a connection to the motherboard at the bottom of the display. Take care not to pull too hard on this connection when removing the display.

Step 13



- Rotate the display to expose the motherboard connection at the bottom of the display, and disconnect.
- ⓘ There may be tape supporting the connection which must be removed first if present.

To reassemble your device, follow these instructions in reverse order.