



# ASUS D550MA-DS01 Screen Replacement

This guide will show you how to replace your laptop screen.

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## INTRODUCTION

Many people will dump a laptop if the screen is broken, but this laptop's screen is replaceable! This guide will walk you through how to remove your screen module so that it may be replaced.

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### TOOLS:

- [Phillips #1 Screwdriver](#) (1)
  - [Spudger](#) (1)
  - [Tweezers](#) (1)
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## Step 1 — Keyboard Module



- Use the Philips #1 Screwdriver to remove the 9 screws that hold the keyboard cover in place.

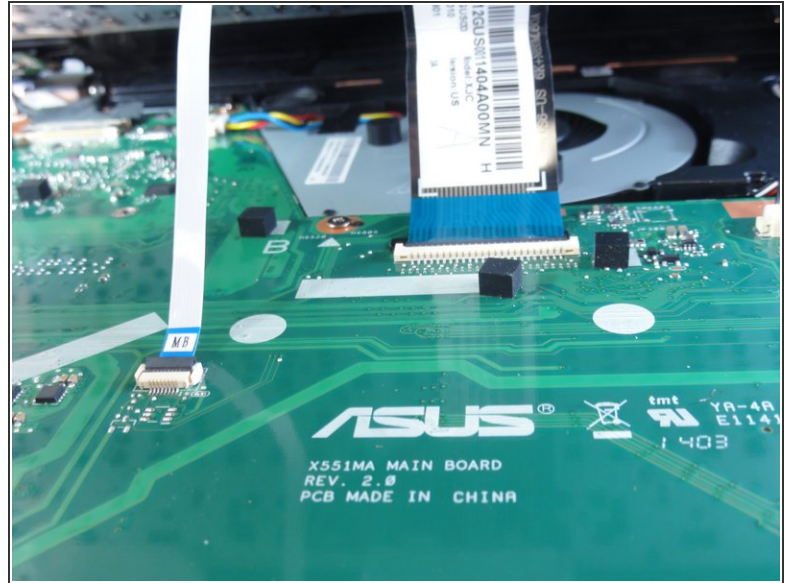
## Step 2



- Insert the flat edge of the spudger into the crease of the keyboard cover.
  - While the spudger is in the crease, carefully pry open the casing by sliding the spudger along the edge.
- ⚠ Do not use excessive force to pry open the lid. You should hear each plastic clip snap open as you run the spudger along the edge.

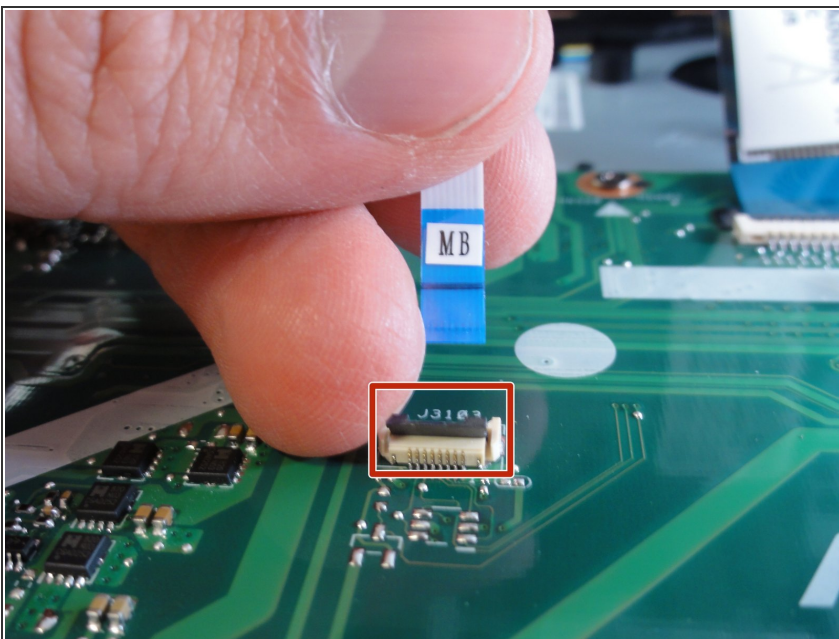


### Step 3



- Make sure that the entire cover has been released from the plastic pins.
- Slowly lift the cover open from the front of the laptop, but do not completely remove.
- Note the locations of the 3 white and blue data cables connecting to the keyboard to the computer's main board.

### Step 4



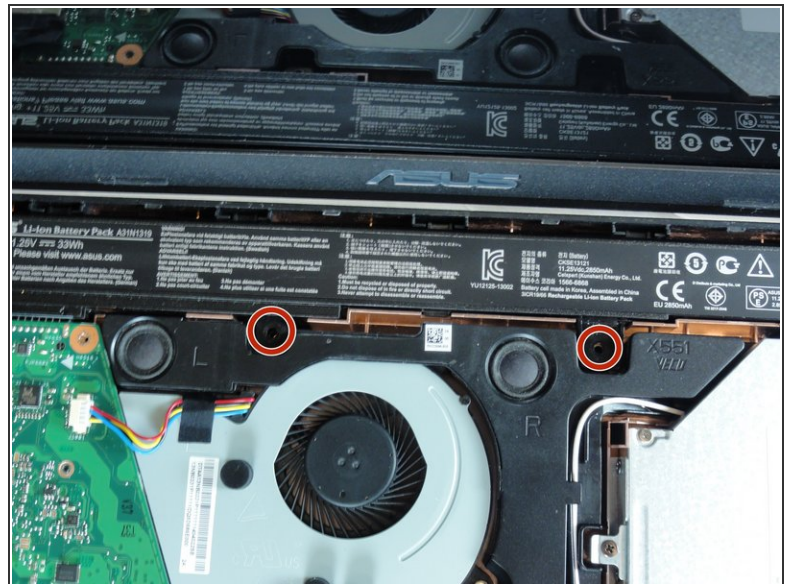
- Remove each data cable from the motherboard by using your finger or the black spudger to lift the black latch.
- The cable will slide out of its place.

## Step 5



- With the data cables removed and the keyboard module fully disconnected, the keyboard module should come free from the laptop.

## Step 6 — Battery



⚠ The manufacturer warns to only allow a professional to remove the battery. Do so at your own risk.

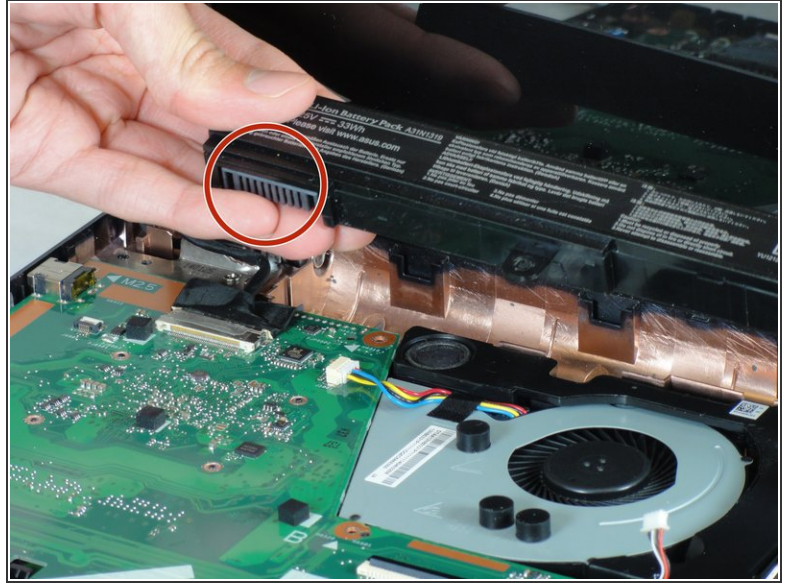
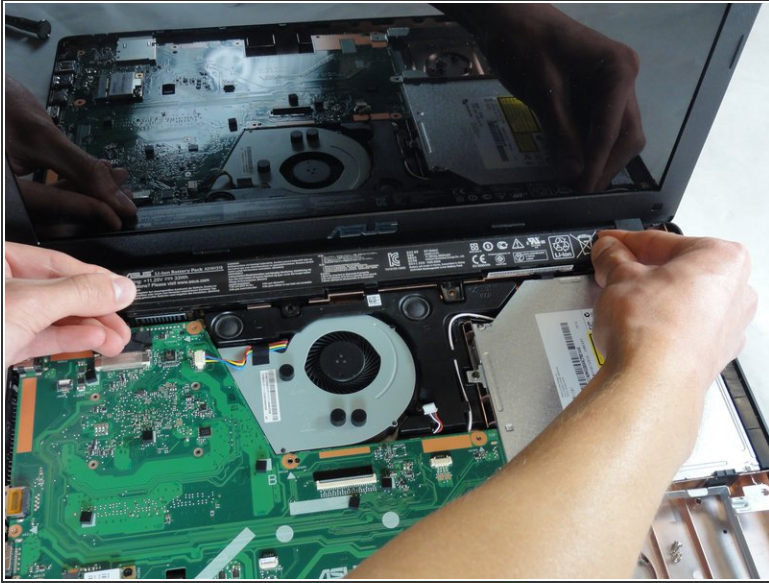
⚠ Do not use any metal tool to pry any type of battery. Doing so can puncture or short the battery, resulting in damage or injury.

- Remove the two screws securing the battery to the laptop case with the Phillips #1 screwdriver.

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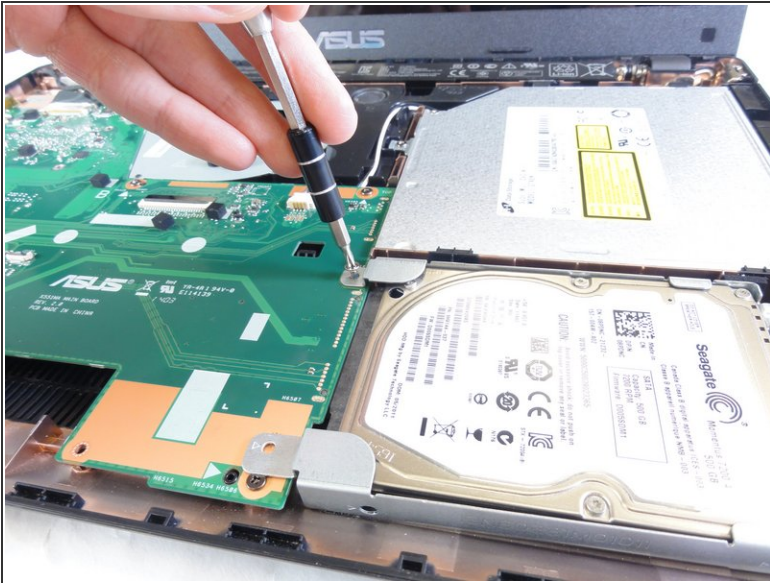


## Step 7



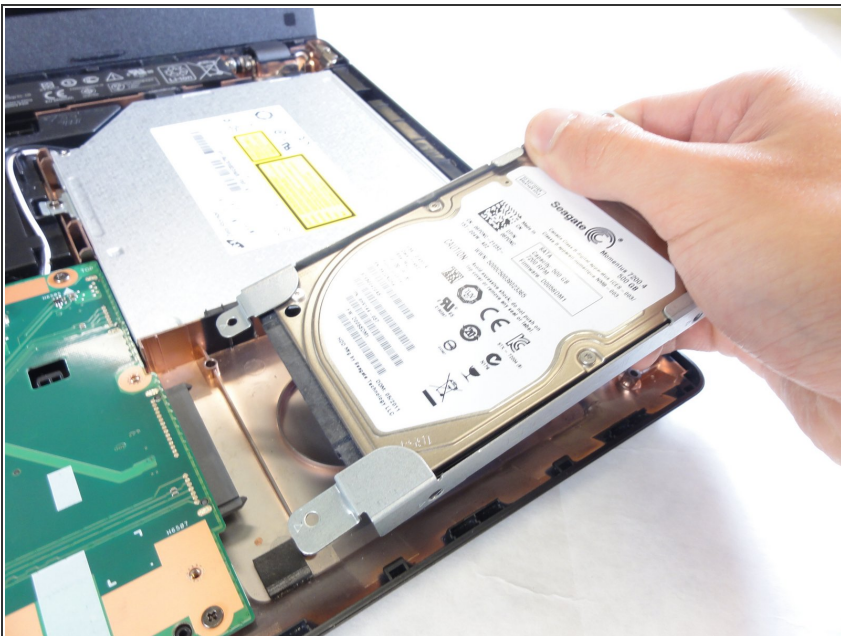
- After removing the 2 screws, pull out the battery.
- ✦ The battery is connected to the motherboard on the left side.
  - Use your finger tips to evenly grip the battery on the left and right sides of the battery.
  - Pull straight up to lift the battery out of its place.
  - If you find yourself having trouble pulling out the battery, push the battery back in place and attempt to lift straight out again.
- ⓘ Do not use excessive force or attempt to pry the battery with any tools. Doing so will result in damage to the laptop.

## Step 8 — Hard Drive



- Remove the four screws that hold the hard drive in place with the Philips #1 screwdriver.
- i** There are two screws connected to the motherboard and two screws connected directly to the case.

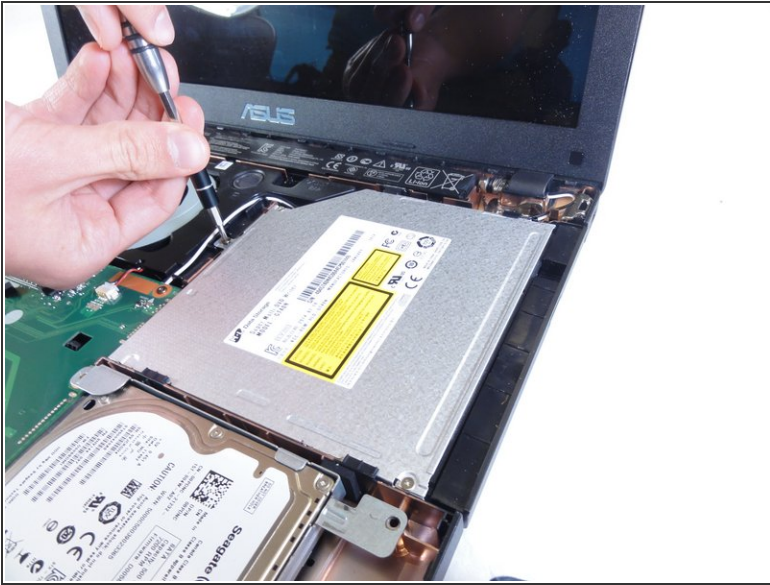
## Step 9



- Remove the hard drive by sliding it to the right to disconnect it from the motherboard and lifting out.
- !** Be sure to fully disconnect the hard drive from the motherboard to ensure that you do not damage the connectors.
- i** If necessary, unscrew the old hard drive from the holster and screw the new one into the holster.

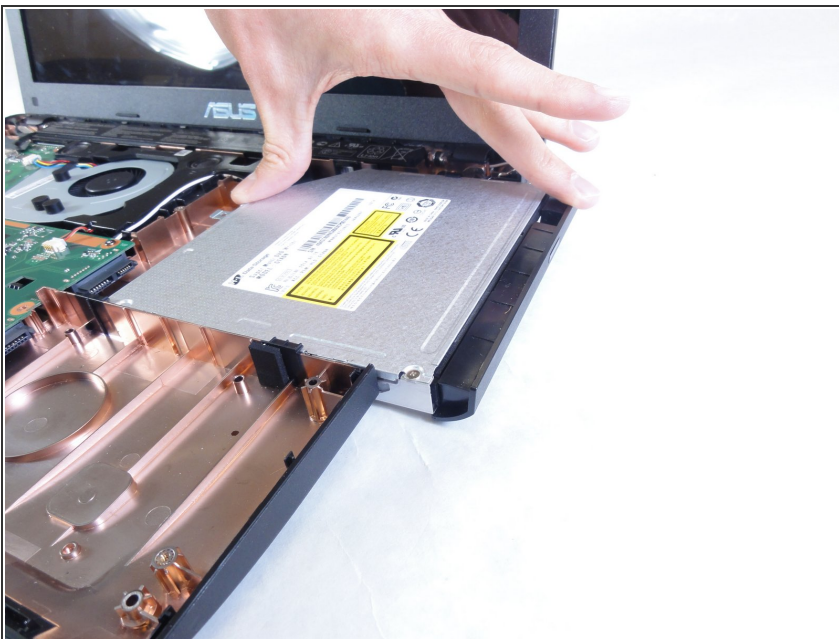


## Step 10 — DVD Drive



- Remove the single screw that is holding the drive in place using the Phillips #1 Screwdriver.

## Step 11



- Slide the drive out to the right of the laptop to disconnect from the motherboard.
- ⚠ Lifting the drive straight out without sliding to the right will damage the motherboard.

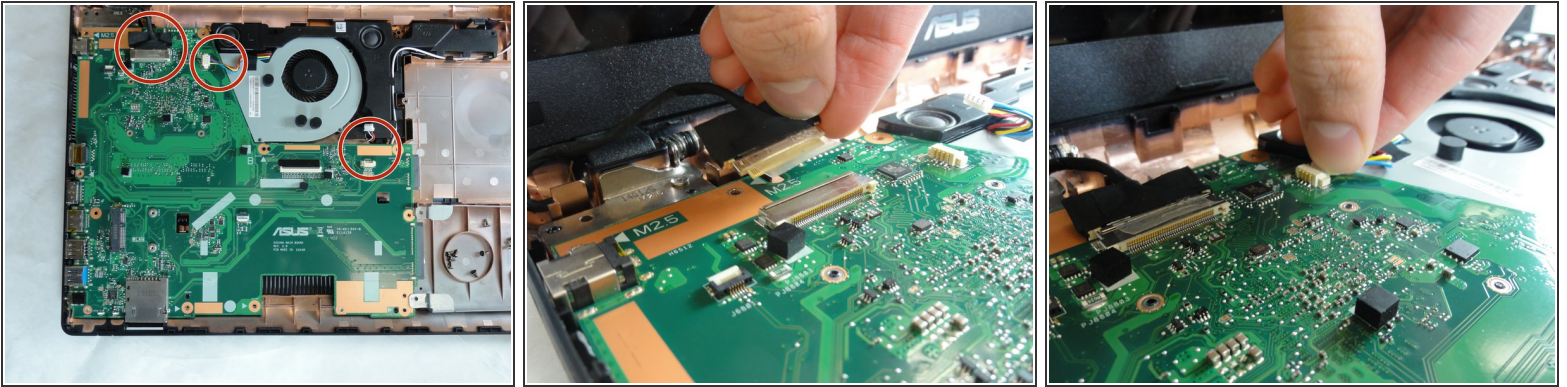


## Step 12 — Motherboard





- Remove the 9 screws from the motherboard using the Philips #1 screwdriver.
- ⓘ While unscrewing the screws, it may be helpful to use the tweezers to keep control of the screws.

## Step 13



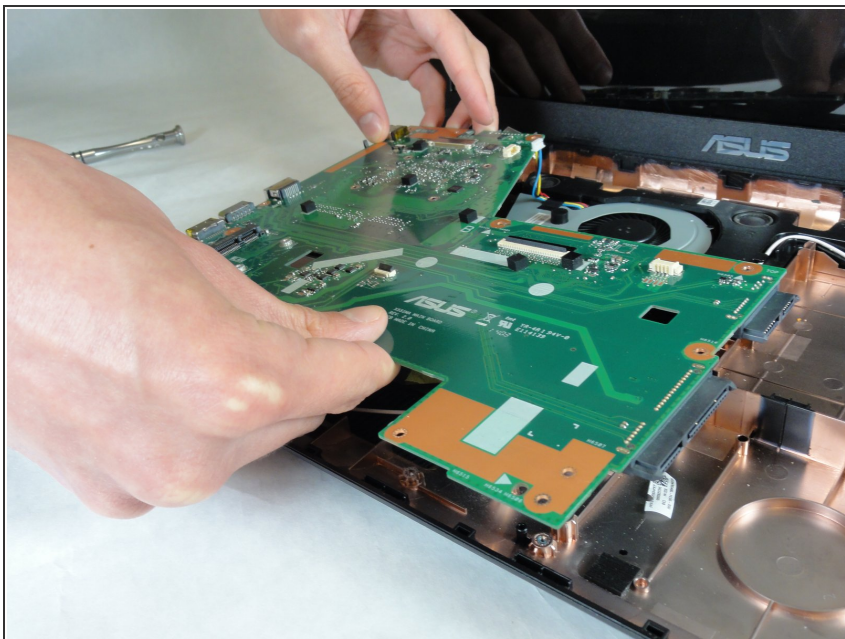
- Disconnect the three cables attached to the motherboard.

 Do not pull the cables by their wires. This can lead to damage to the cables.

- The large, black cable is connected to the screen. Carefully wiggle the cable out by gripping the black tape with your fingers.
-  There may be clear tape holding the screen connector in place.
- The cable for the fan and speaker use similar connectors. Use the black spudger or carefully grip the sides of each connector with your fingers to slowly pull them out.



## Step 14



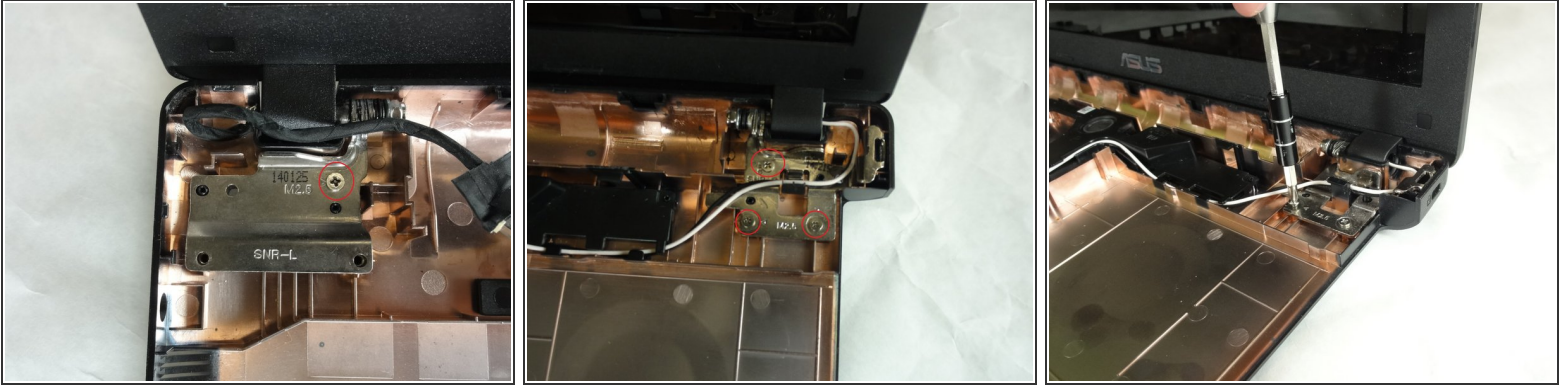
- Pull the motherboard to the right to clear the peripheral connections of the laptop casing.
- Lift the motherboard out of the laptop.


## Step 15 — Screen




- Carefully free up the black and white RF cables that are running along the laptop casing and speaker housing.

## Step 16




 Following these next steps will remove the Screen Module Anchors. Hold the screen in place as you follow these steps to prevent the screen from dropping.

- Unscrew the 4 screws for the Screen Module Anchors using the Philips #1 screwdriver.

 One screw is on the left anchor while three are on the right anchor.

## Step 17



- Carefully lift the screen straight up and away from the laptop base.
-  The white and black RF cables will remain attached to the screen module.

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