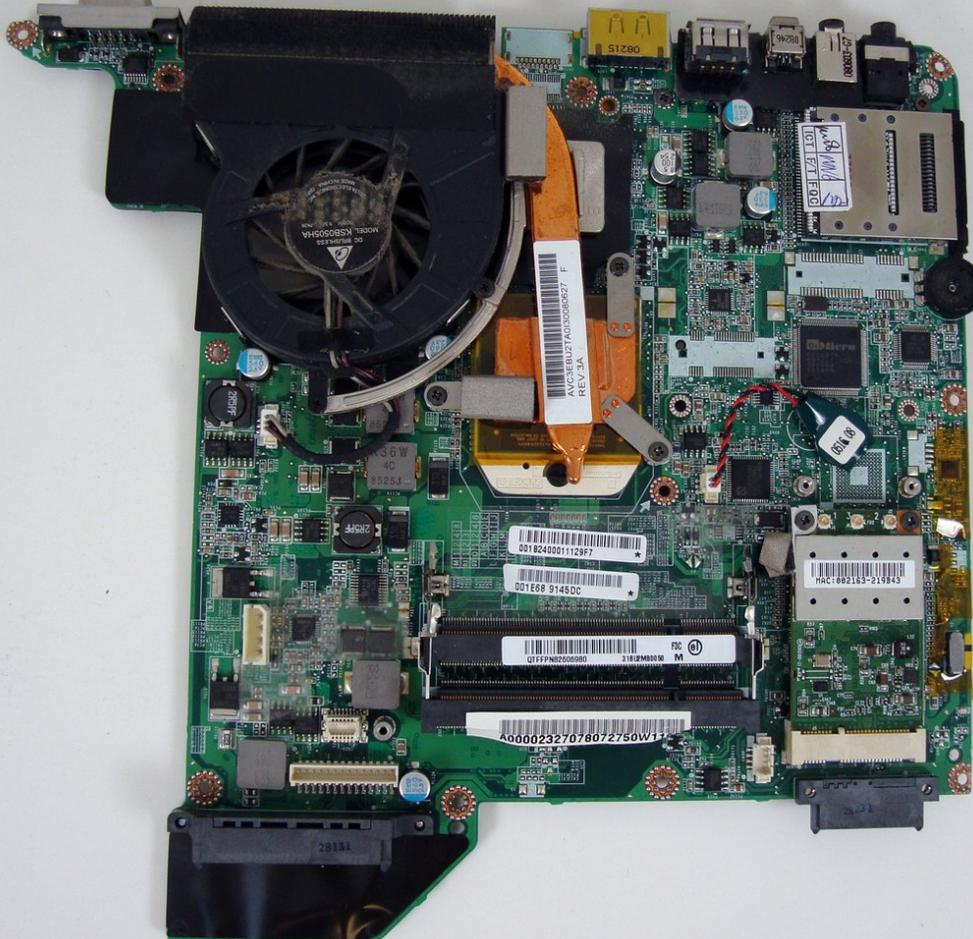




Toshiba Satellite M305D-S4829 Motherboard Replacement

This guide will assist in the removal of the mother board. The only tool necessary is a Philips #0 screw drive and/or a spudger.

Written By: Michael Jensen



 **TOOLS:**

- [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Battery



- Unlatch the battery by pushing outward on both latches.

Step 2



- Slide battery out.

Step 3 — Keyboard



- Remove the five "F2" screws with a Phillips #0 screwdriver.

Step 4



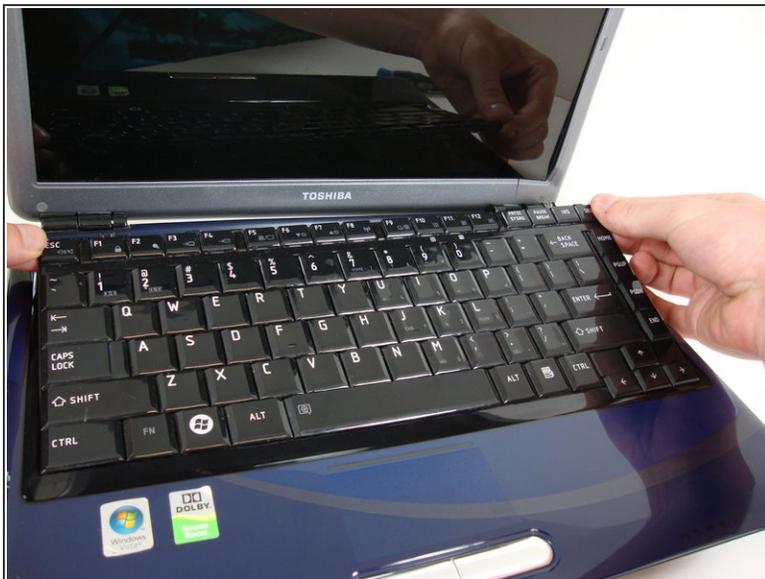
- Insert the plastic opening tool above the F1 key.
- Apply upward pressure until the black plastic strip snaps off. The entire strip will easily come off from left to right.

Step 5



- Find the screws above the F1 and INS keys.
- Unscrew both screws with a Phillips #0 screwdriver.

Step 6



- Slowly lift the top edge of the keyboard out with your fingers.
- The ribbon cable located on the back of the keyboard will become accessible.

Step 7



- Locate the black ribbon cable flap.
- Detach flap with plastic opening tool. The ribbon cable will become free.

Step 8



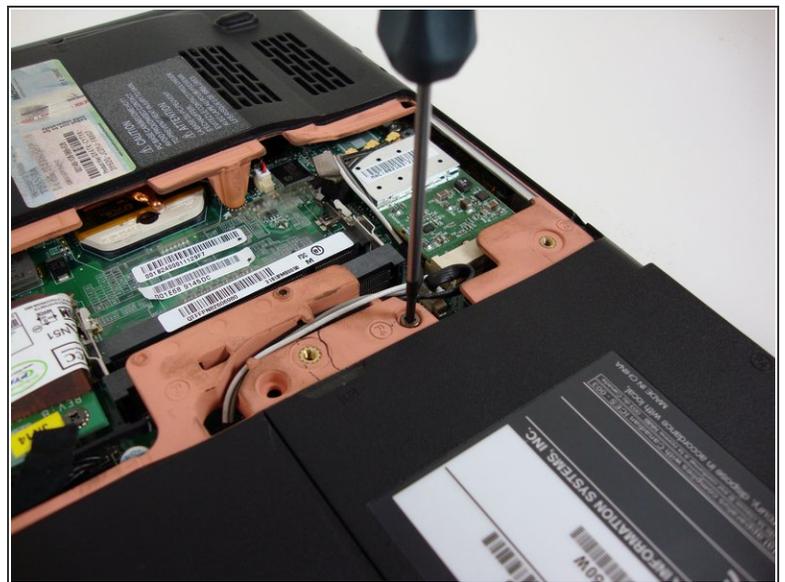
- Your keyboard has now been successfully removed.

Step 9 — CD/DVD Drive



- Remove the back panel by removing the three labeled screws with a Phillips #0 screwdriver.

Step 10



- Locate and remove the circled screw with a Phillips #0 screwdriver.

Step 11



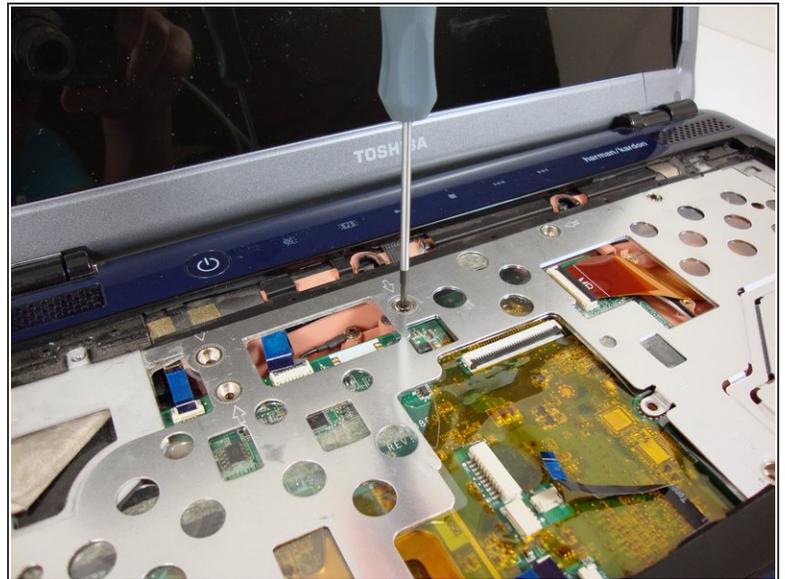
- Use the plastic opening tool to pry the CD/DVD drive out of the frame.

Step 12



- Gently remove the CD/DVD drive from the laptop body.

Step 13 — Motherboard



- Remove the circled screws with Phillips #0 screwdriver.

Step 14



- Remove these screws from the underside of the laptop with Phillips #0 screwdriver.

Step 15



- Disconnect the three circled antennas by lightly pulling upward with your fingers. They should detach easily.
- Note: Yours may only have two (2) antennas. Pay attention to the Orientation of the Aluminum bracket with the pads for reinstallation.

Step 16



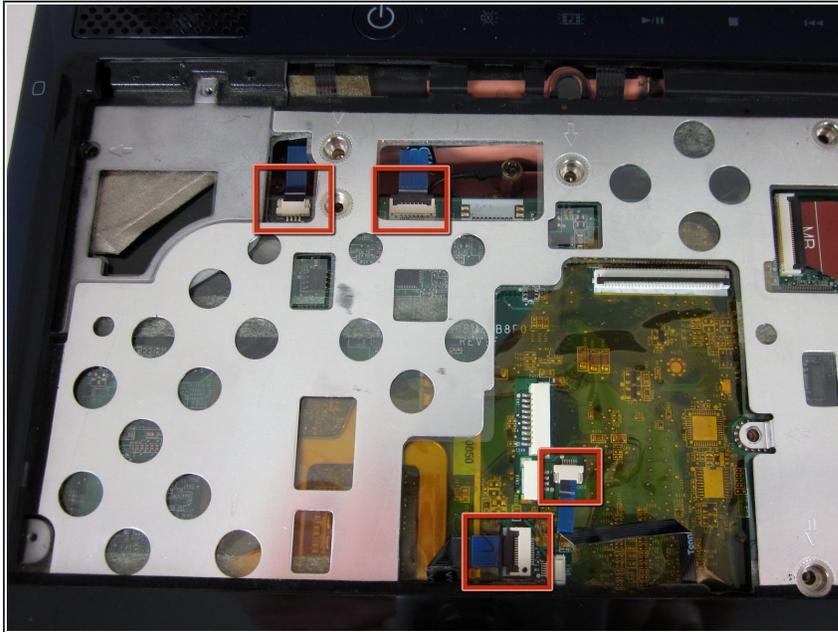
- Remove the circled screw with a Phillips #0 screwdriver.

Step 17



- Detach the 3 marked cables by pulling them out with your fingers as shown.
- ⓘ This may require some force. They do not come out easily.

Step 18



- Detach the four blue ribbon cables carefully with tweezers. Some of the ribbons may require a flap to be raised because it secures the ribbon in.

Step 19



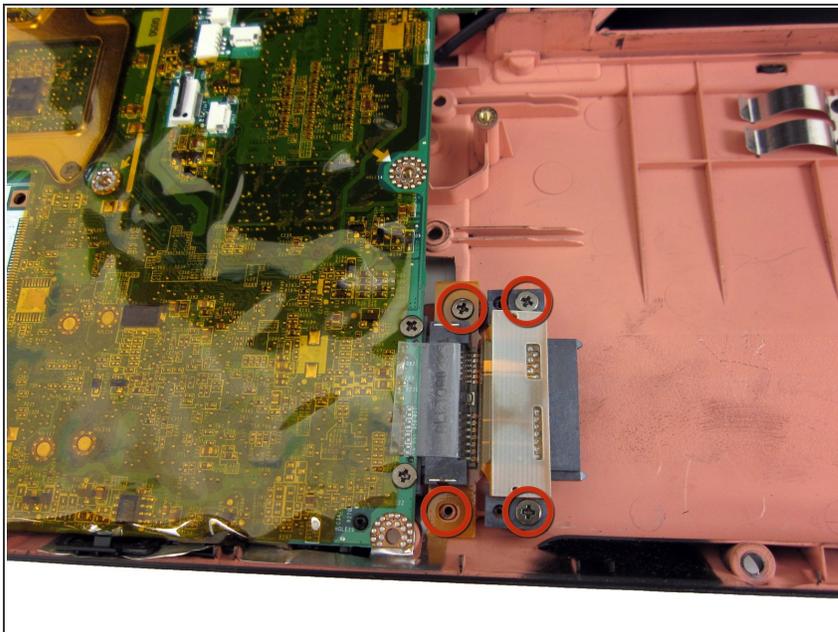
- Remove the top plastic cover by lifting upward from the bottom left-hand corner as shown. The cover will come off easily.

Step 20



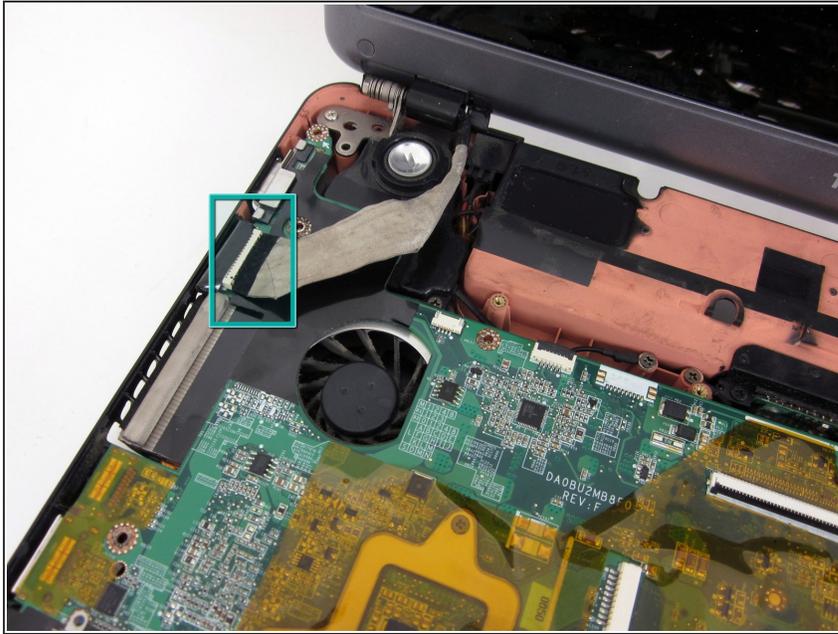
- Remove the circled motherboard screws with a Phillips #0 Screwdriver.
- Disconnect this ribbon cable.

Step 21



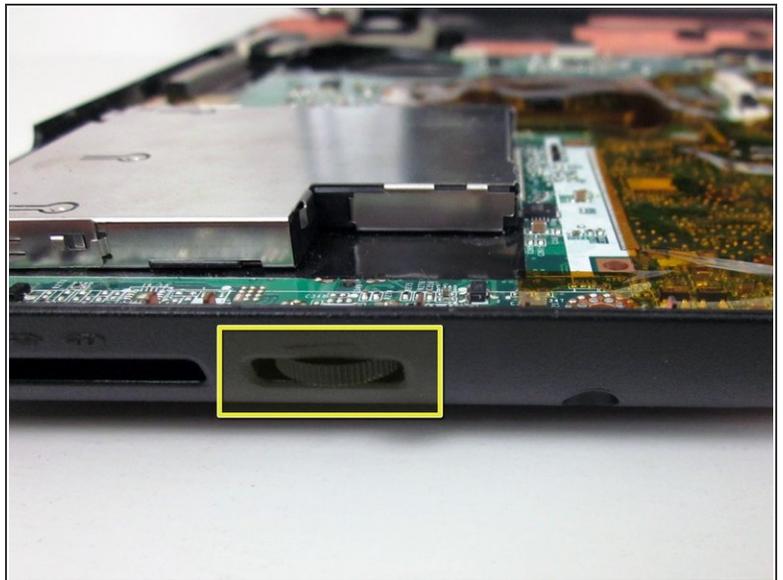
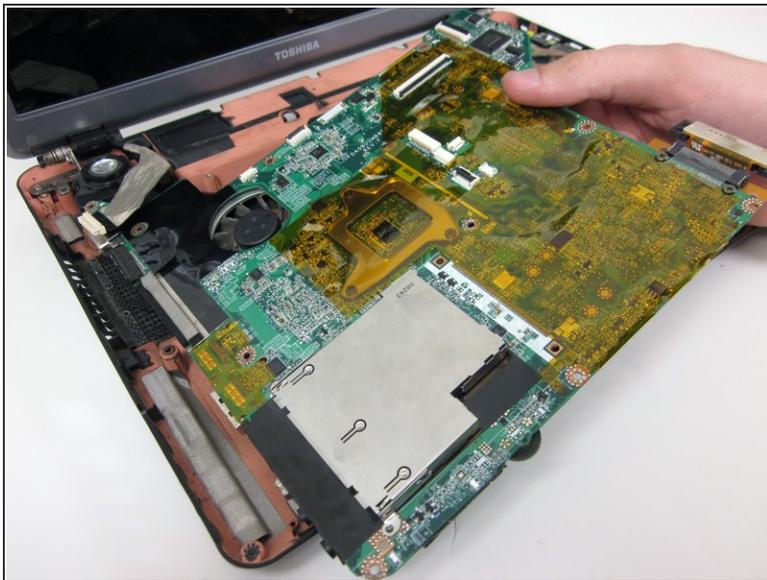
- Remove these screws with a Phillips #0 screwdriver.

Step 22



- Detach the display cable by gently pulling it out with your fingers.

Step 23



- Remove the motherboard from the left side by gently lifting the left side upward.
- ⓘ The boxed volume control may snag on the laptop frame when pulling the motherboard out.

Step 24



- The motherboard has now been removed from laptop.

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