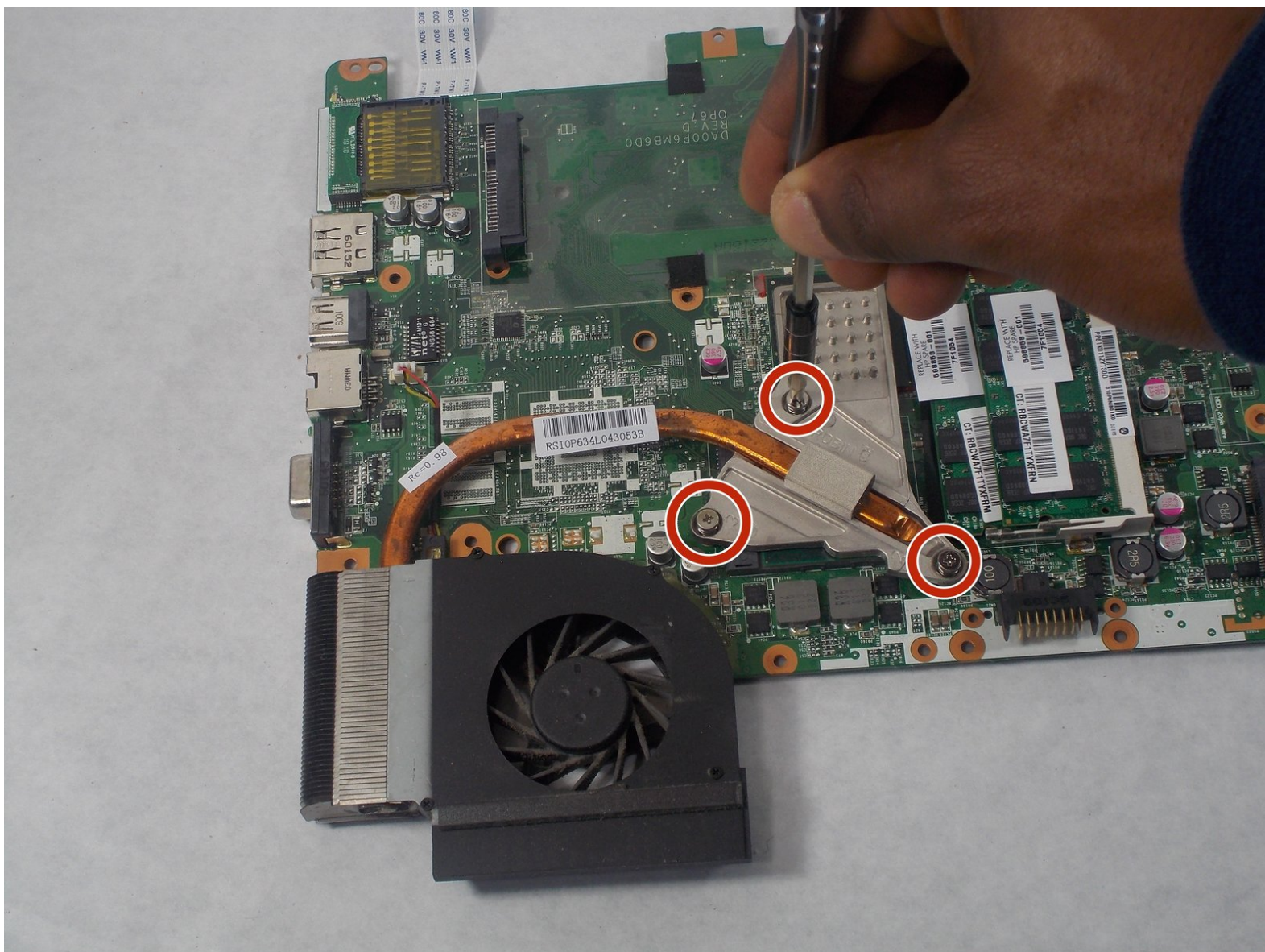




HP G71t-400 Cooling Fan Replacement

In this guide you will be able to safely remove the original cooling fan in your HP G71t-400.

Written By: Nicholas Castro





TOOLS:

- [Essential Electronics Toolkit](#) (1)
-

Step 1 — Cooling Fan



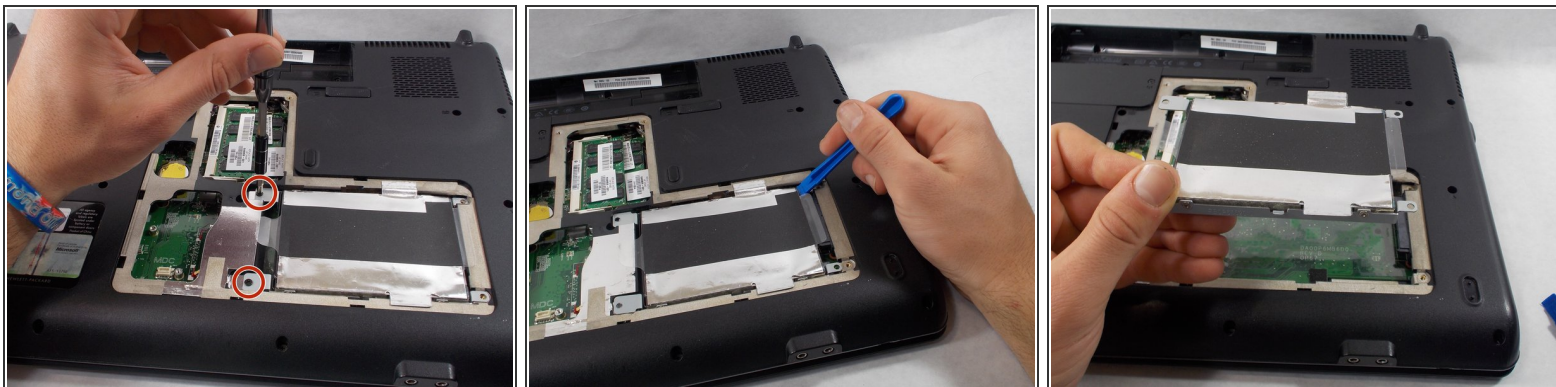
- Lay the laptop down so the bottom is facing up.
- Push the slide button, circled in photo 1, to release the battery.
- Action in picture 2 shows the direction and release.
- Tilt the battery back in the direction it popped up in and remove the battery.
- *This ensures there is no power in the system that could potentially short out any components.*

Step 2



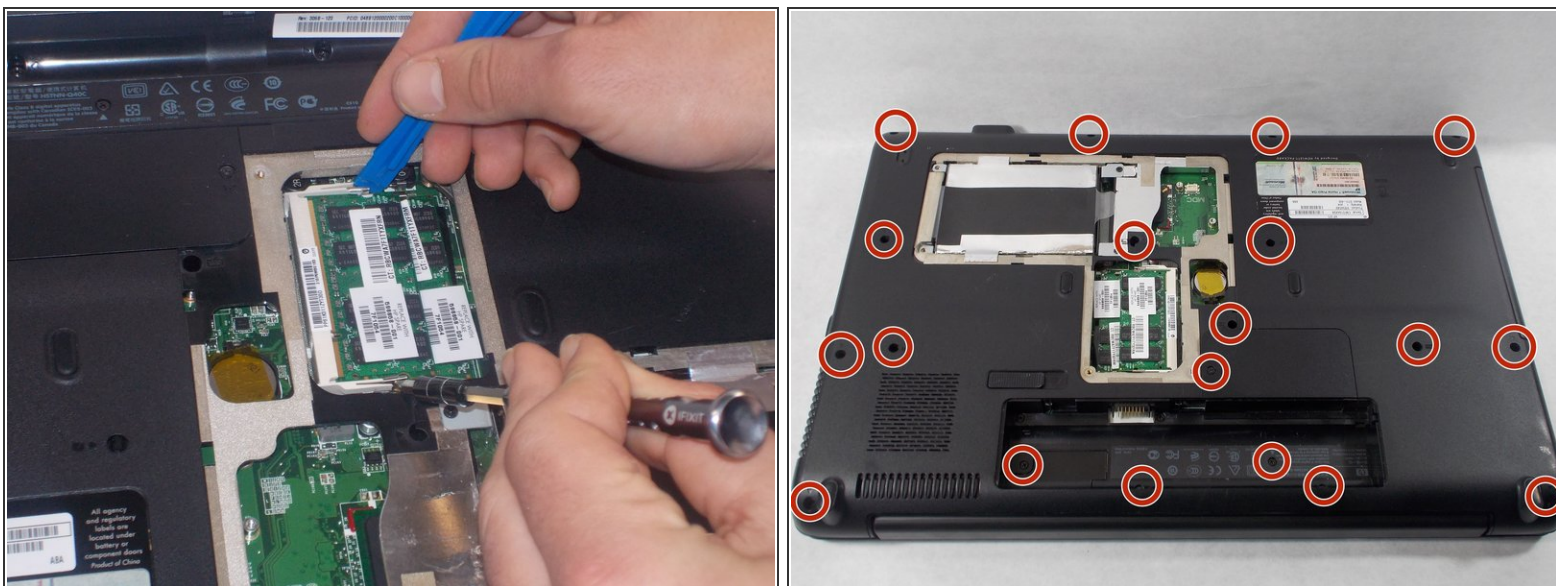
- Remove the circled screws.
- Remove the cover, exposing the hard drive and RAM.

Step 3



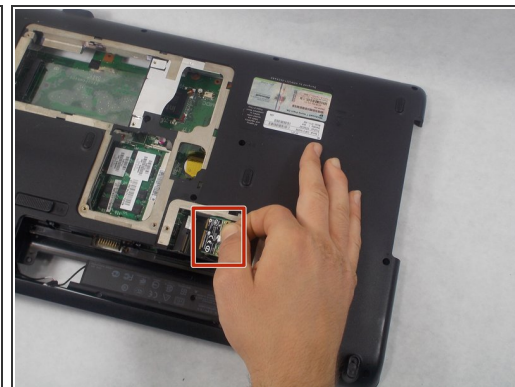
- Remove the 2 circled screws.
- Use your pry to slide the hard drive over. This unplugs it from its connection and allows it to be removed.
- Remove the hard drive.

Step 4



- Push the silver tabs in to release the RAM.
- When they pop up from the locked position they may be removed.
- Remove the circled screws to release the WiFi card and keyboard.

Step 5



- Remove the panel, exposing the WiFi card.
- Remove the circle wire connections, *make note to which port they were connected to*.
- Remove the WiFi card.

Step 6



- Flip the laptop over and open it now that the keyboard has been unscrewed.
- Take your pry bar and go around the outer edge of the keyboard. Popping it free from the bezel.

Step 7



- Lift the keyboard up.
- Remove the connections from the keyboard to the motherboard.
- *Remember each attachments position because they will need to be connected again.*

Step 8



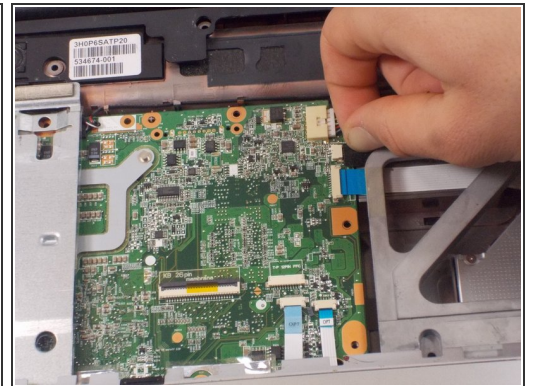
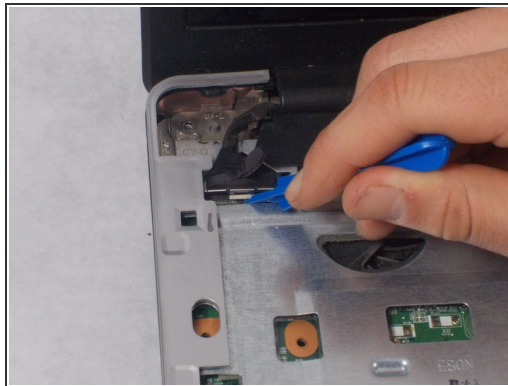
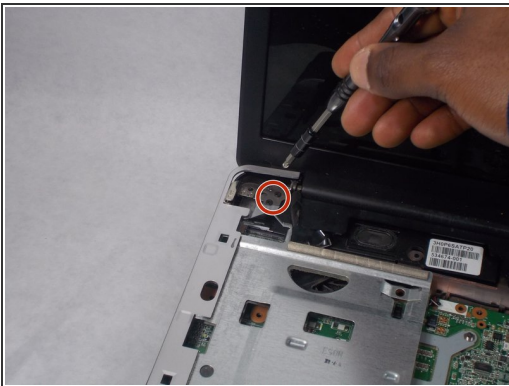
- Remove the circled screws to release the bezel from the faceplate.

Step 9



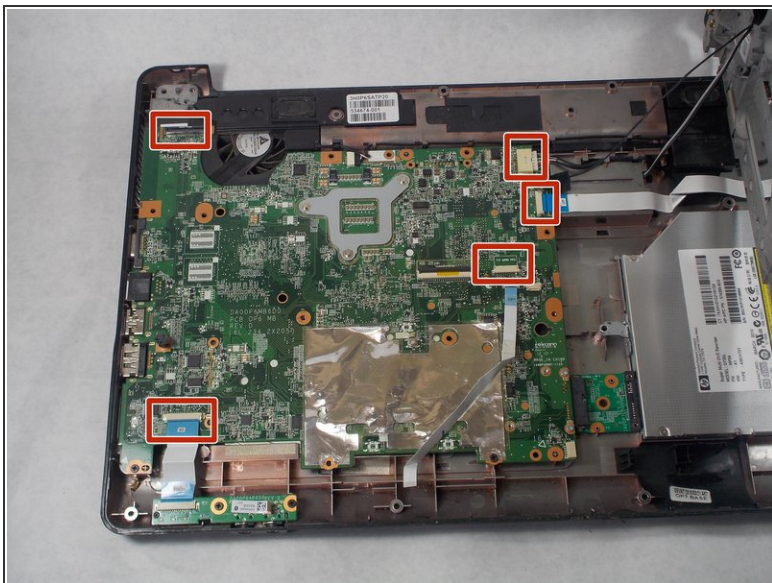
- Lift the bezel from the face plate.
- Disconnect the power connection from the bezel to the motherboard.

Step 10



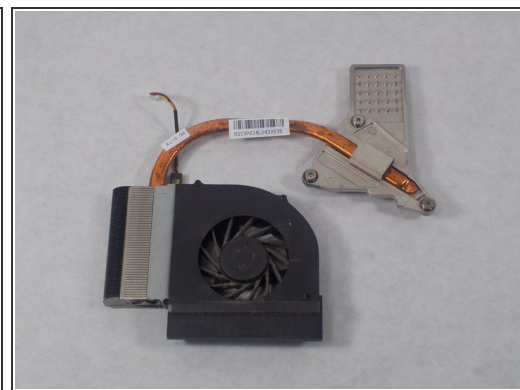
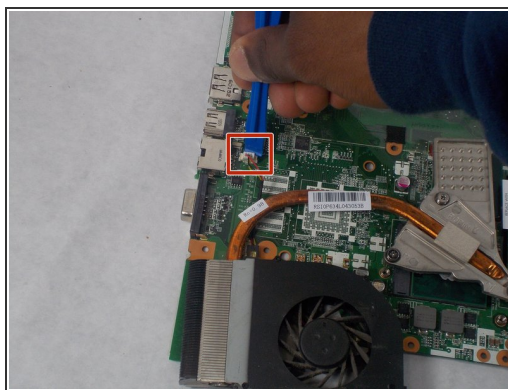
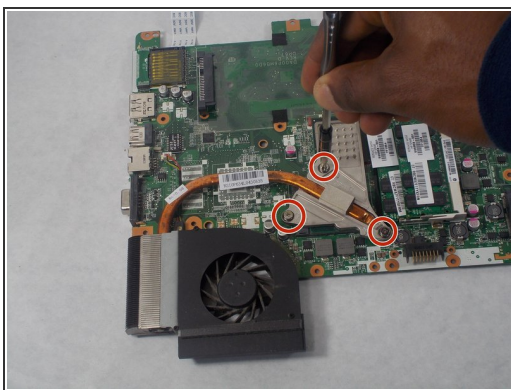
- Remove the two screws side-by-side next to each in the red circle.
- ⓘ This will be the last layer to remove before reaching the motherboard.

Step 11



- Carefully detach the highlighted connections.
- Remove the motherboard from the device.

Step 12



- Remove three screws to detach the cooling fan from the motherboard.
- Remove the last connection.

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