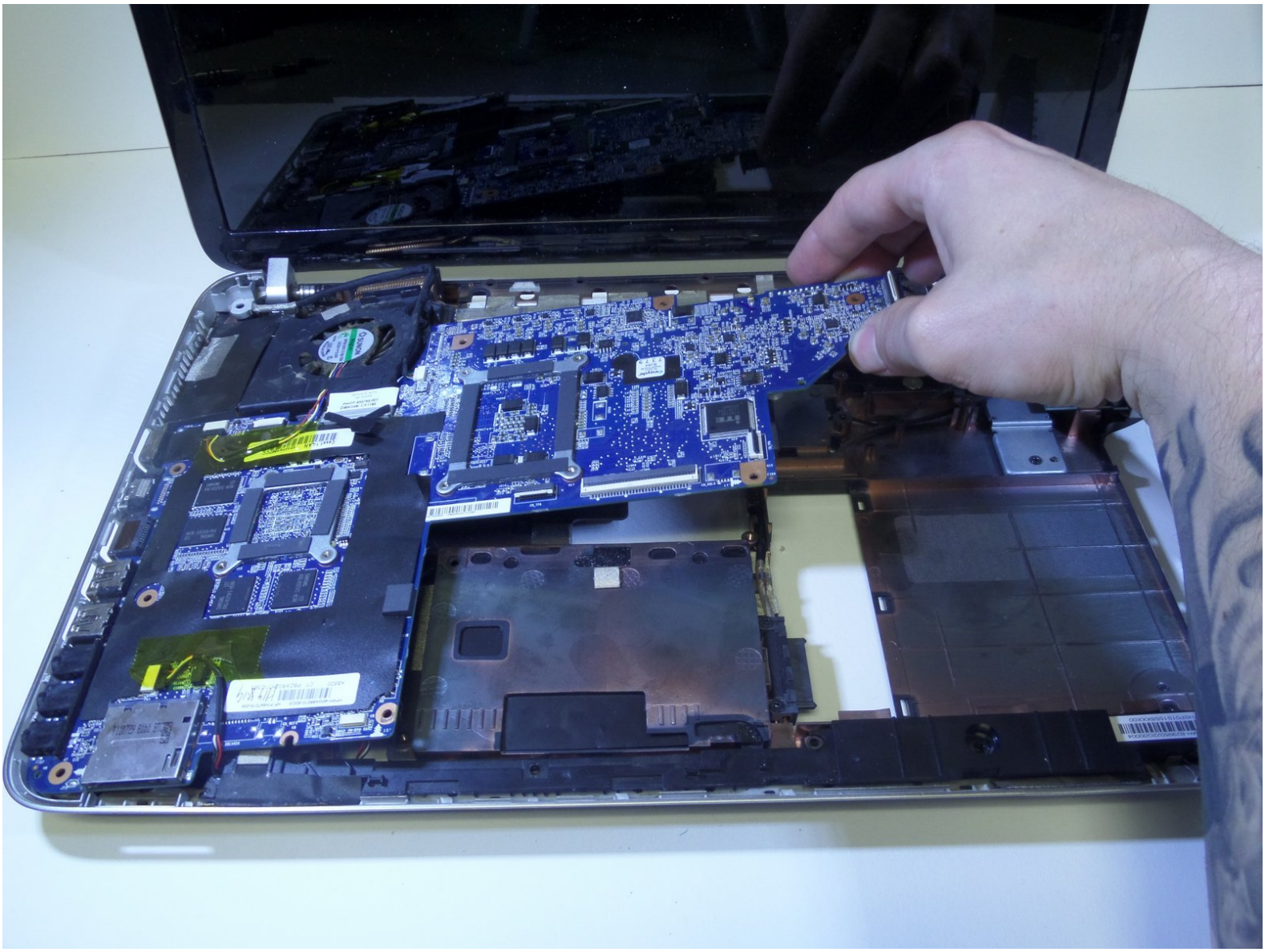
HP Pavilion dv6-6180us Motherboard Replacement

The simplest step by step guide on replacing the motherboard on HP Pavilion dv6-6180us.

Geschrieben von: michelle pulido



Dieses Dokument wurde am 2021-03-05 11:11:57 PM (MST) erstellt.

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EINLEITUNG

If you are having complications with laptop having to boot and then shutting off, or blue screens of death, you may want to replace the motherboard.

WERKZEUGE:

- iFixit Opening Tools (1)
- Phillips #1 Screwdriver (1)

TEILE:

- New motherboard (1)

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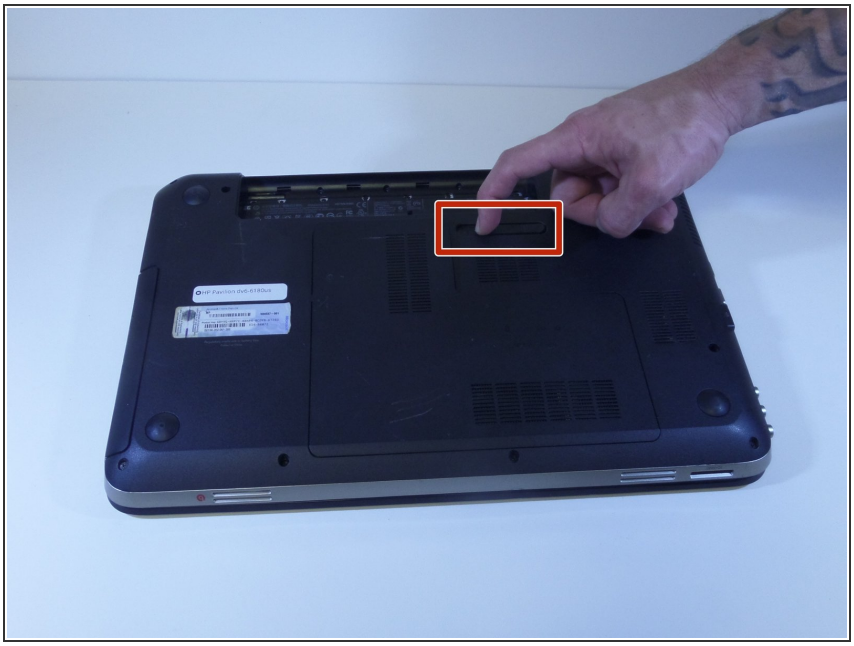
Schritt 1 — Hard Drive



⚠ Turn off and unplug the device before starting.

- Flip your device over so the bottom panel is facing up.

Schritt 2

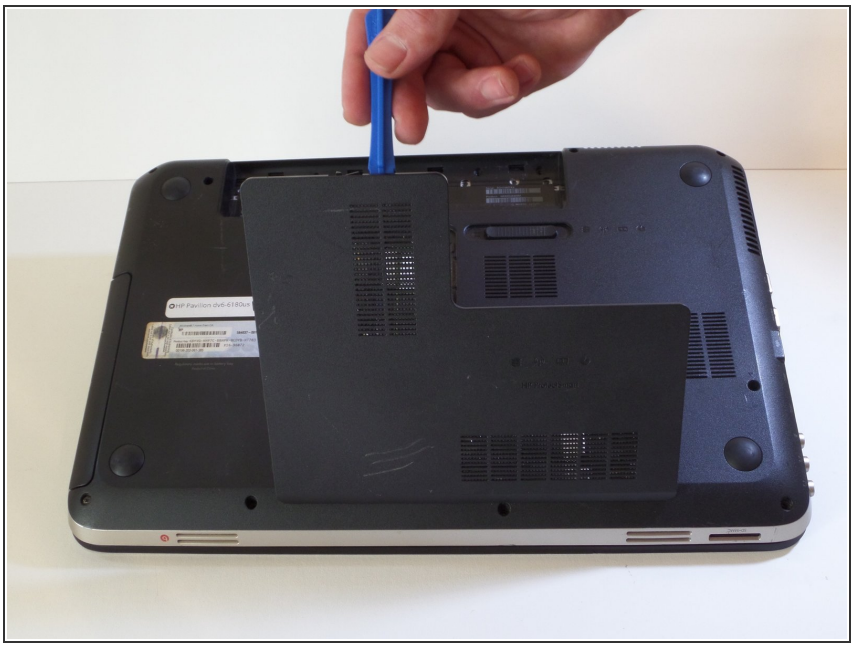


- Slide the lock switch to the right.

ⓘ The panel will pop open at the top corner.

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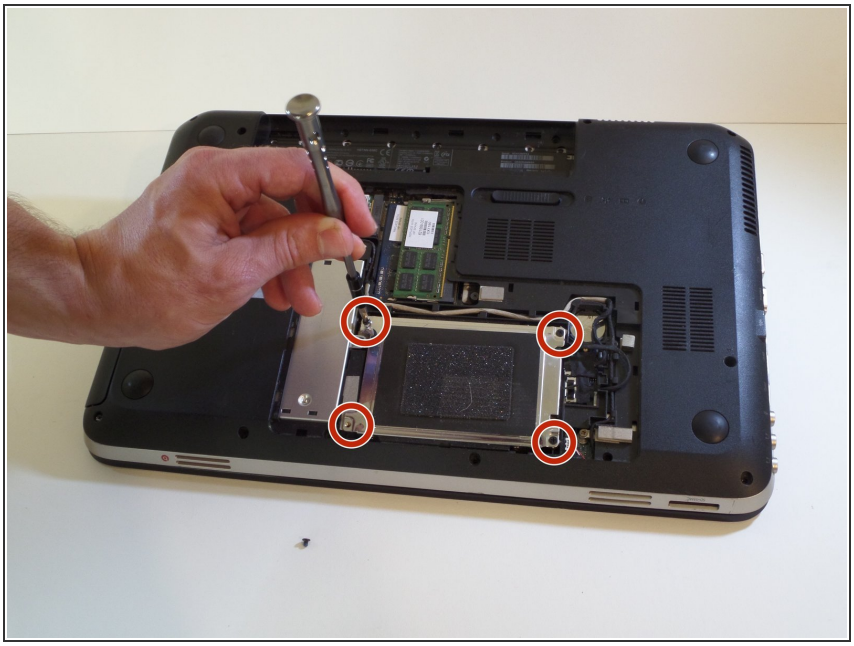
Schritt 3



- Use the plastic opening tool to remove the back panel.

Some force may be required to remove the panel from the case. Use caution when prying to avoid breaking the panel or the plastic tabs securing it in place.

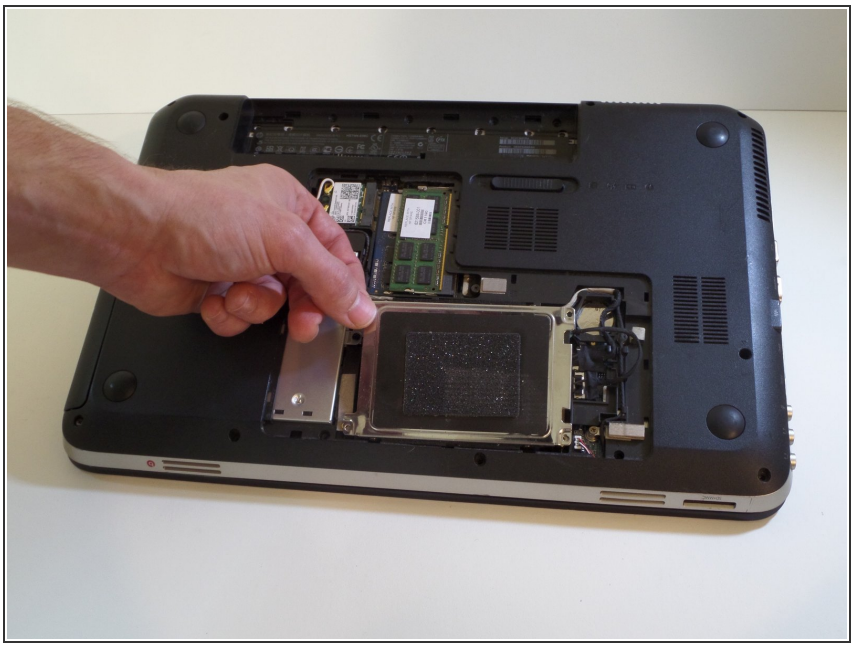
Schritt 4



- Use the PH 1 screwdriver to remove the four 3.5 mm screws securing the hard drive.

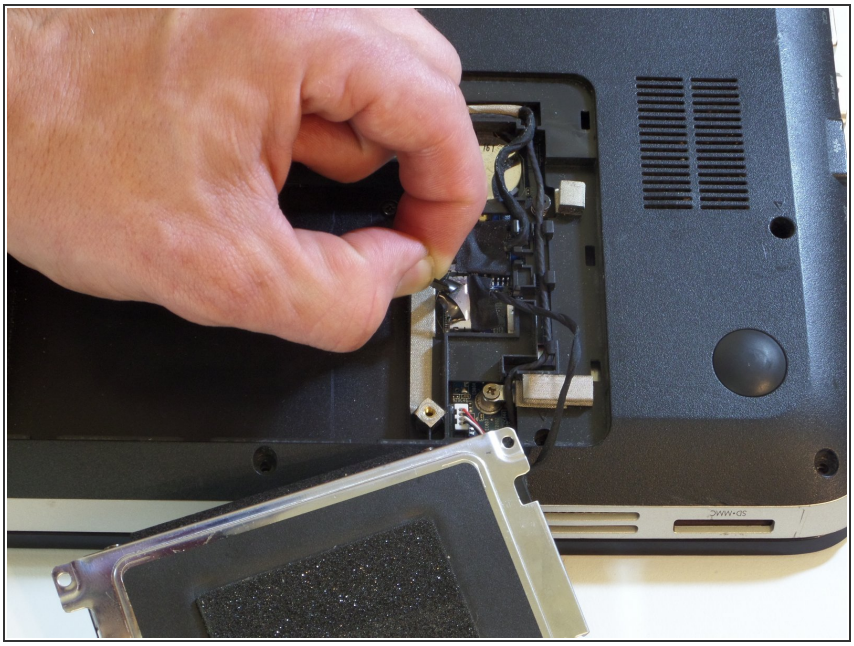
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Schritt 5



- Lift the corner bracket to remove the hard drive.

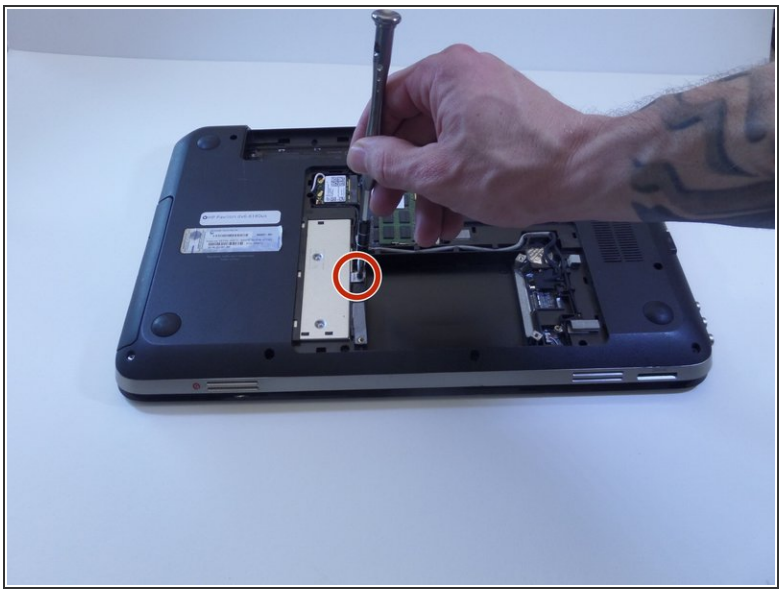
Schritt 6

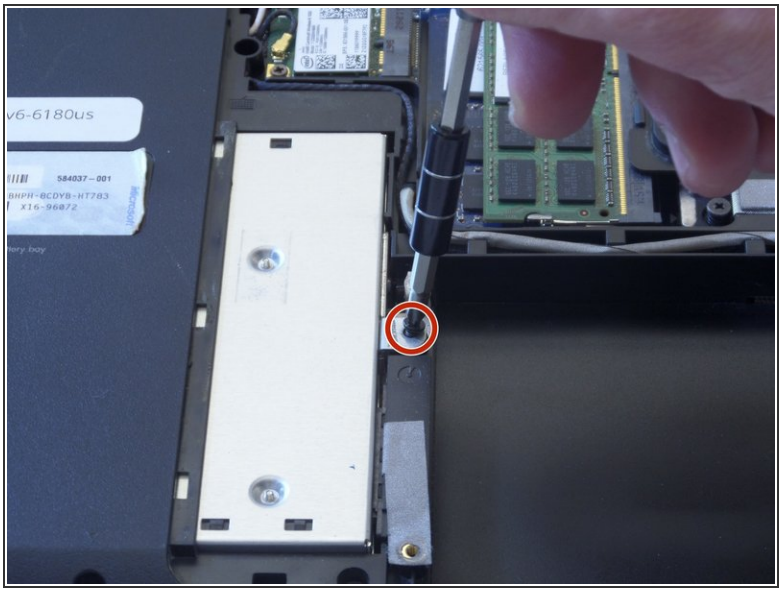


- Unplug the hard drive wire to detach the hard drive.

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Schritt 7 — Motherboard





- Remove a 3.5 mm screw that is securing DVD player with screwdriver PH1.

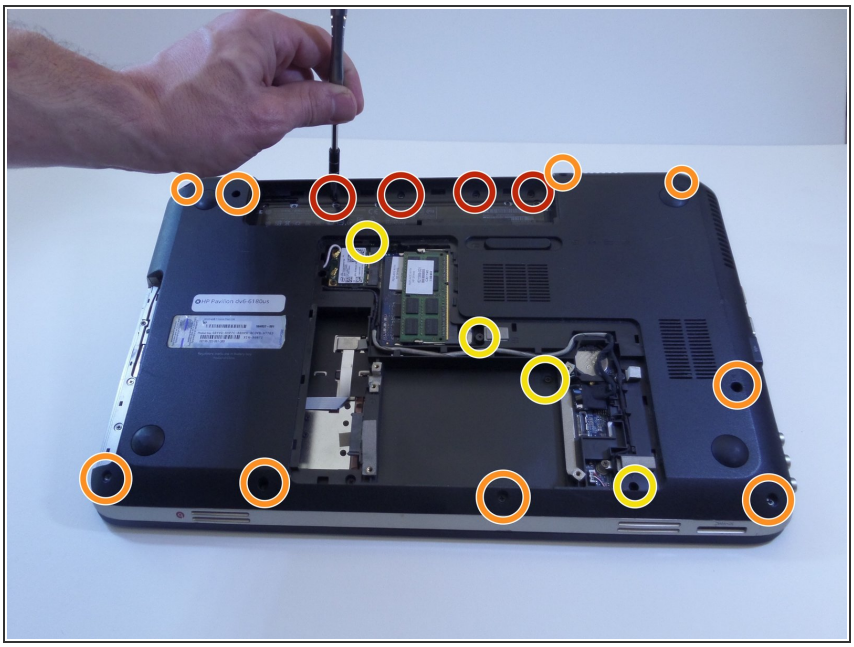
Schritt 8



- Slide DVD player to the left and pull to remove completely.

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Schritt 9



- Unscrew four 3.5 mm screws from the inside of the battery compartment with PH 1 screwdriver.
- Unscrew nine 5 mm screws with PH 1 screwdriver.
- Unscrew four 4 mm screws with PH 1 screwdriver.

Schritt 10



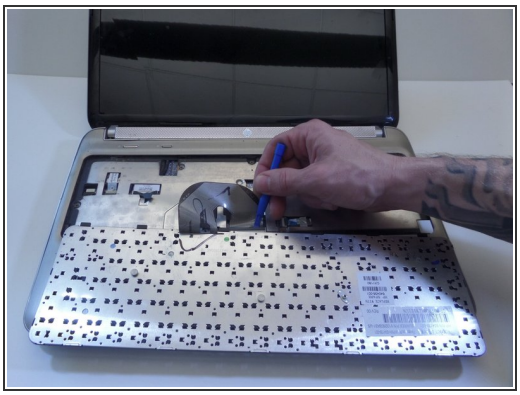
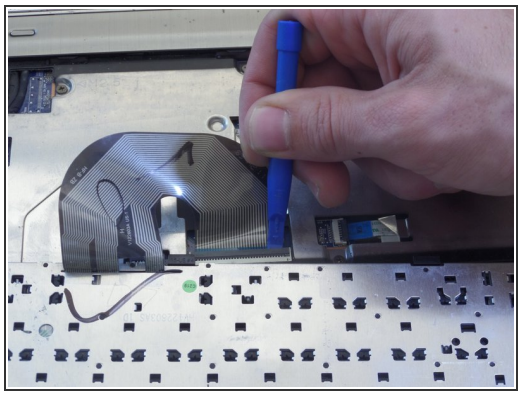
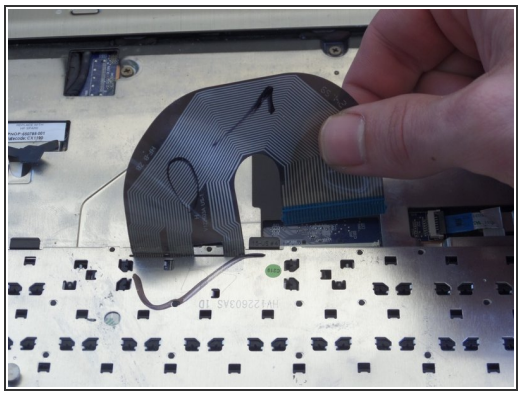


- Flip side up and open laptop.
- Pry open the keyboard using a plastic opening tool starting from the top.

Lift up keyboard gently because a silver ribbon is still attaching it to the laptop.

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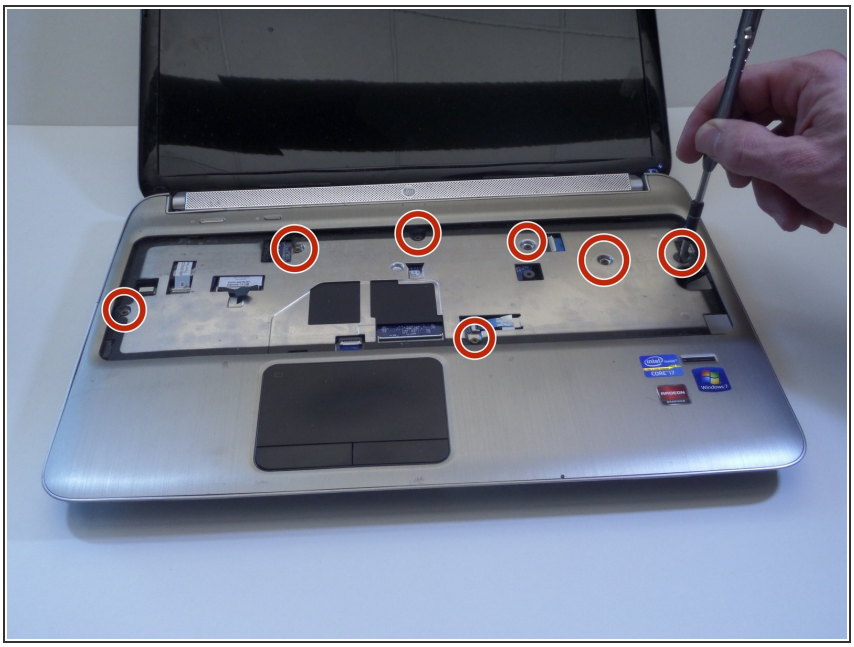
Schritt 11

Place keyboard upside down.

- Lift up plastic cover over keyboard connector cable.
- Pull ribbon cable up away from keyboard to completely remove.

Schritt 12



- Remove seven 4mm pannel screws with PH 1 screwdriver.

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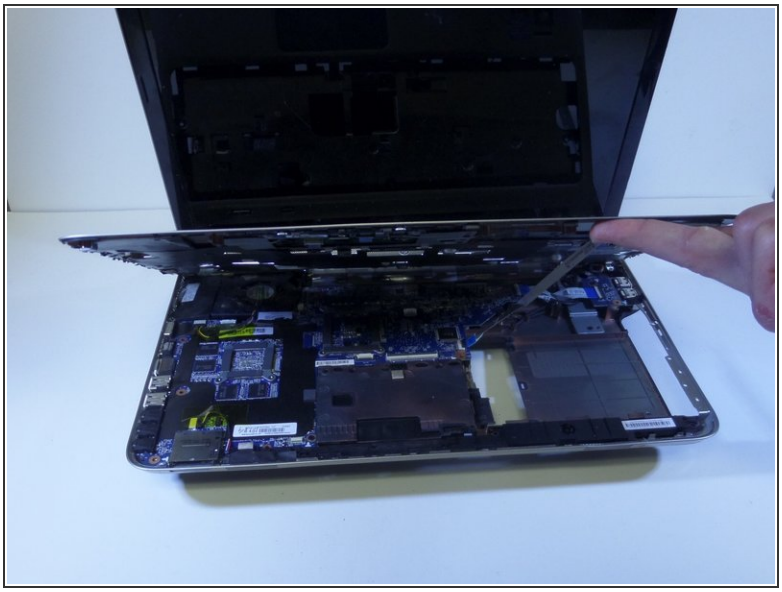
Schritt 13



- Place the computer on its side
- Separate top panel from bottom frame.

Schritt 14

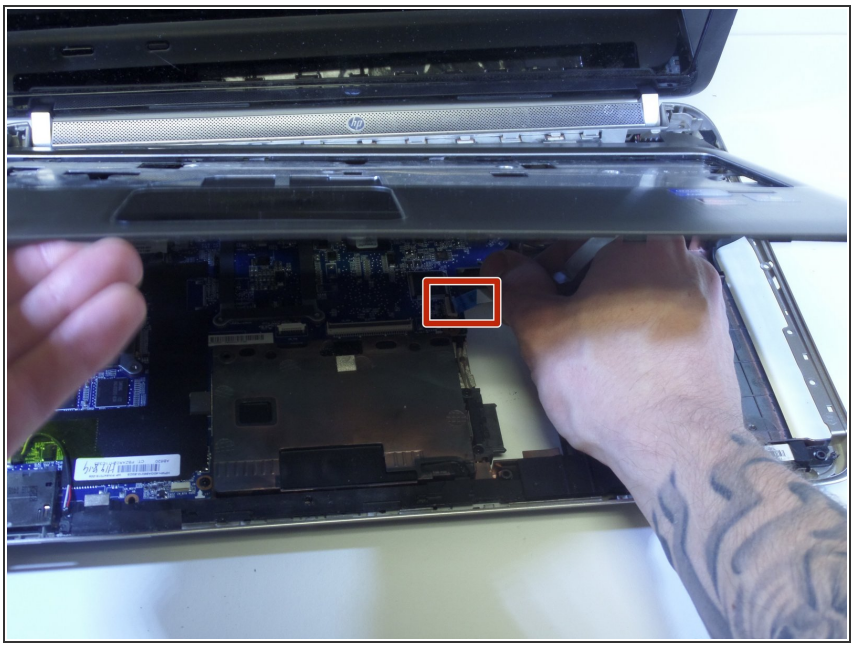




- Pop open rest palm assembly.

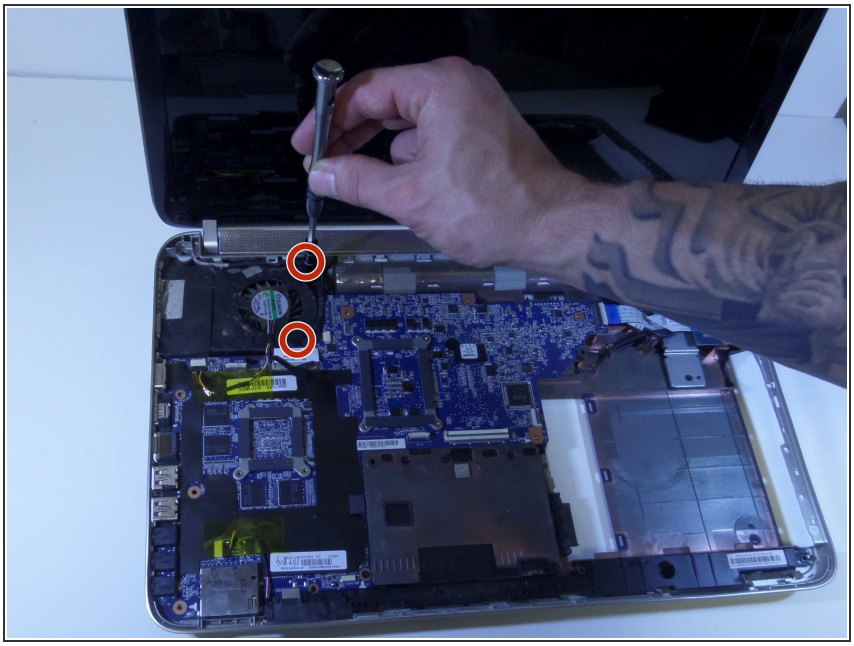
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Schritt 15



- Pull ribbon to detach from bottom panel.

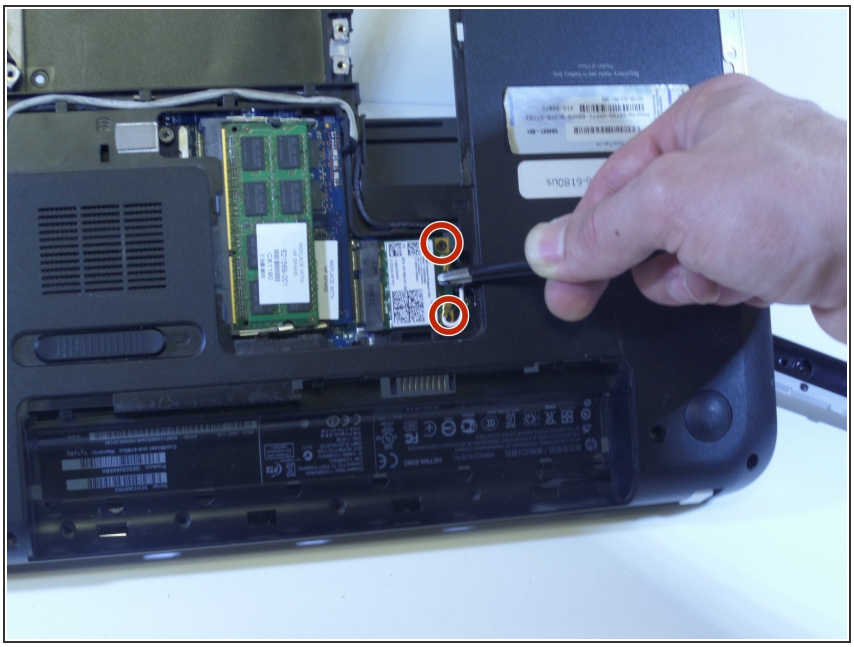
Schritt 16



- Remove two 5mm screws securing fan, using PH1 screwdriver.

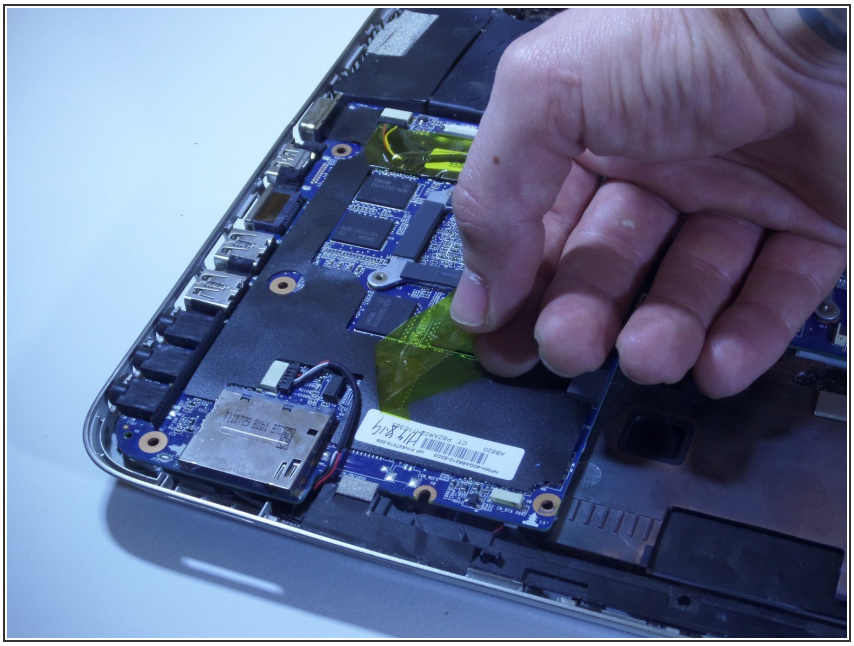
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Schritt 17



- Flip laptop over.
- Remove two 4mm screws securing antenna using PH 1 screwdriver.
- Pull antenna to the right to remove.

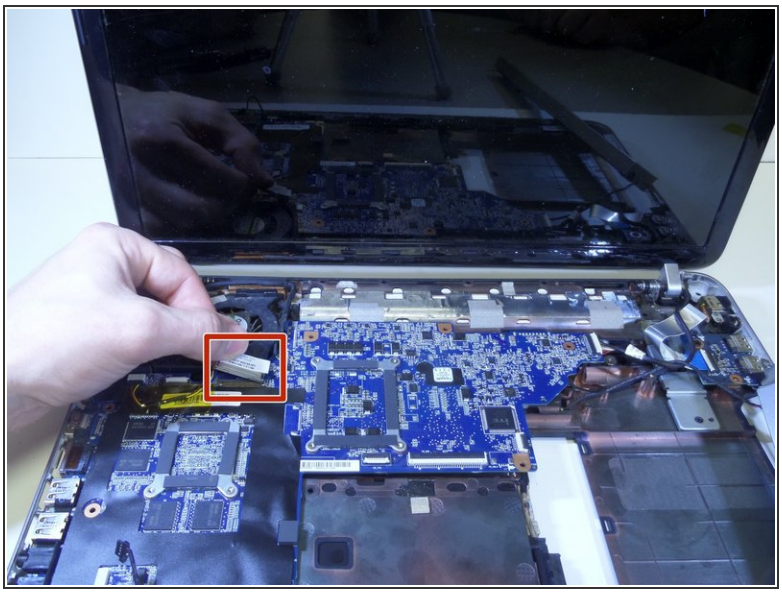
Schritt 18

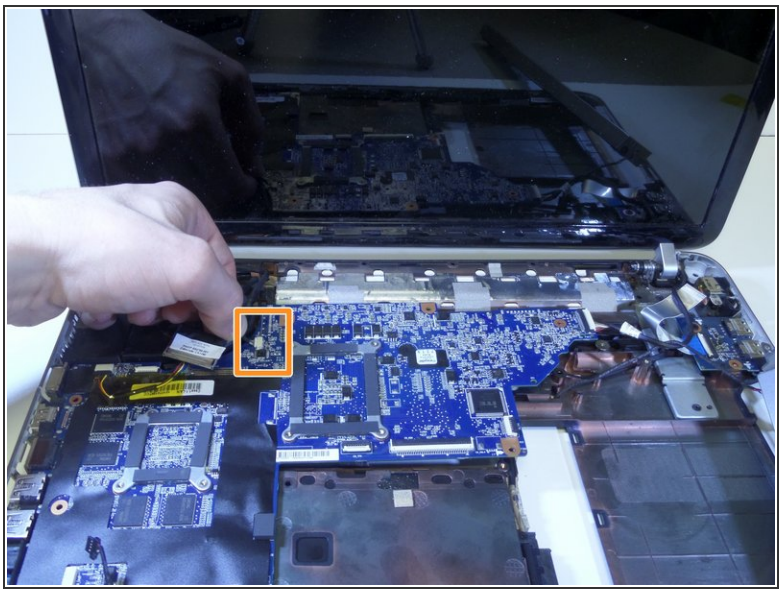


- Flip laptop side up.
- Pull off yellow insulating tape.

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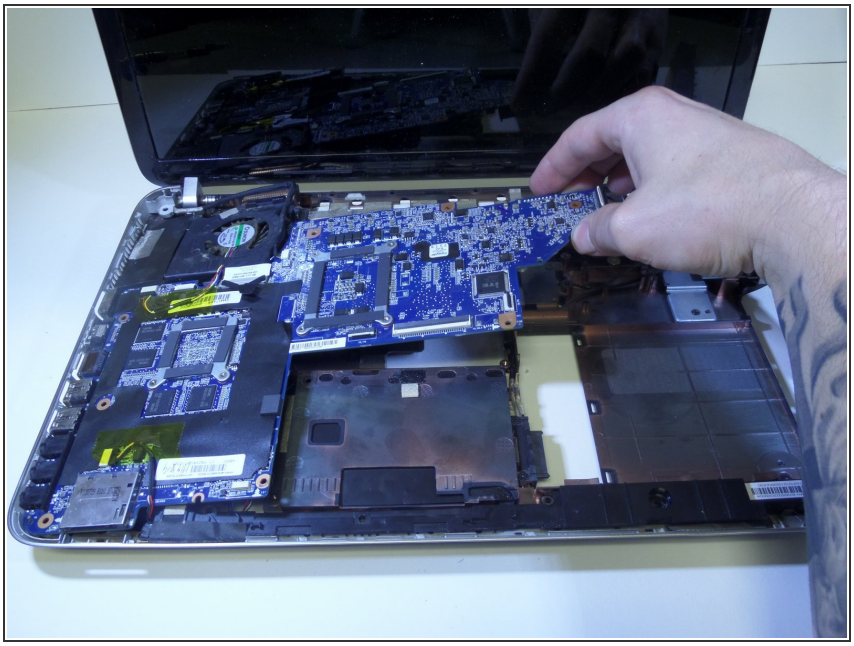
Schritt 19





- Grab tab on left top corner and remove black wire.
- Remove white input attachment.

Schritt 20

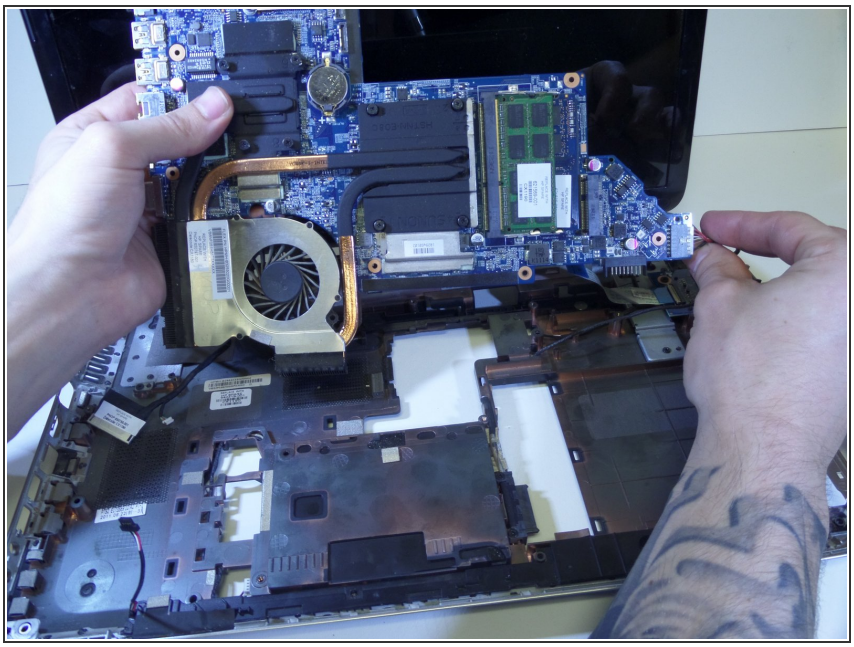


- Hold the motherboard and pull to the right.

The plugs on the left may be difficult to snap out.

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Schritt 21



- Remove entire motherboard.

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

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