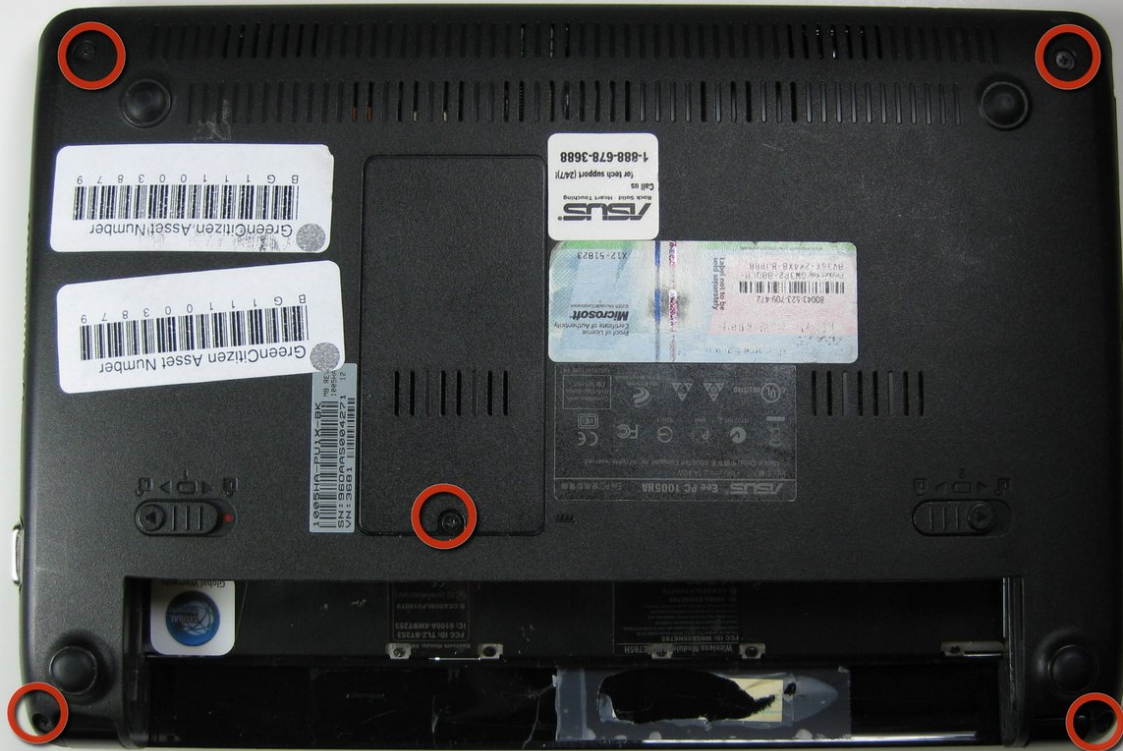




# Asus Eee PC 1005HA Wifi Card Replacement

Although there are several ways this task could...

Written By: Maged Hanna



# INTRODUCTION

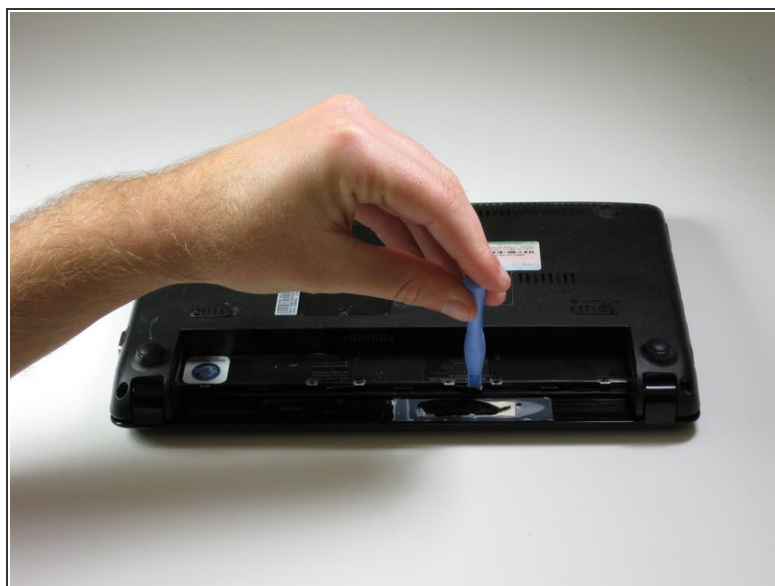
Although there are several ways this task could be accomplished, this guide walks through the most appropriate steps to complete the task without damaging the fragile components. Read instructions carefully to reach success.



## TOOLS:

- [Spudger](#) (1)
  - [iFixit Opening Tool](#) (1)
  - [2.5 mm Flathead Screwdriver](#) (1)
-

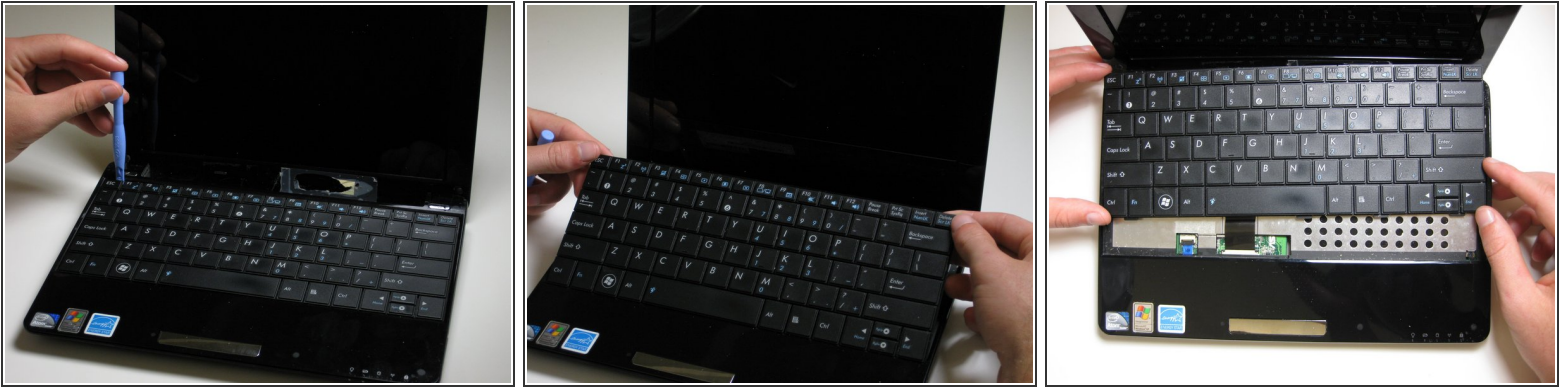
## Step 1 — Keyboard



- Use a plastic opening tool to pull up the four metal latches in the battery cavity that is located on the bottom of the laptop.

**⚠ Do not apply too much pressure. The latches can not be removed and will bend if forced.**

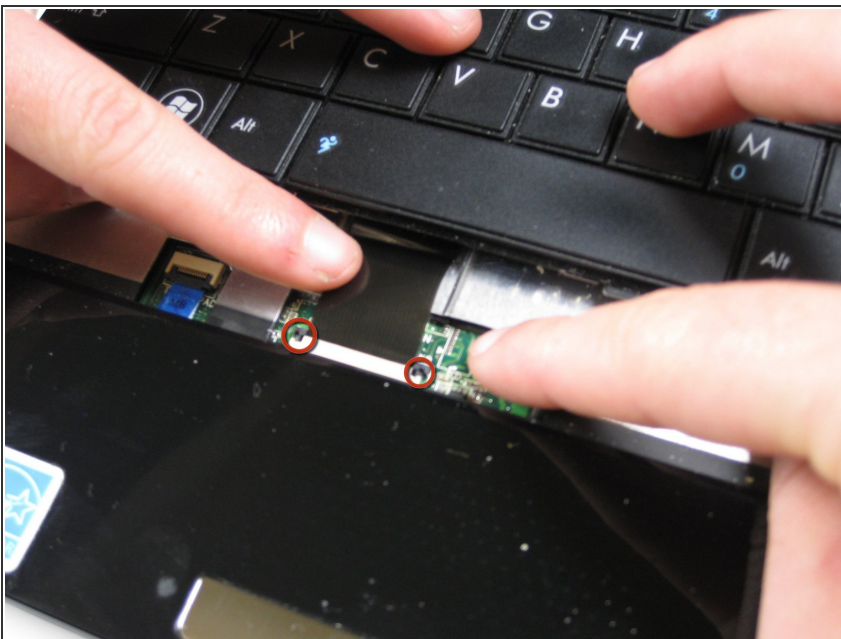
## Step 2



- Flip the laptop over, and open the display.
- Use a plastic opening tool to lift the edge of the keyboard that is nearest to the screen.
- Gently lift the keyboard and slide it toward the screen.

**⚠ Do not remove the keyboard completely. This can damage the ribbon cable connecting the underside of the keyboard to the laptop.**

## Step 3



- Use a spudger tool to release the tabs on the ribbon cable ZIF connector that is attached to the underside of the keyboard.
- ⓘ Depending on the model, the tabs on this ZIF connector will either flip up toward the display or push out toward the display.
- Once the ZIF connector tabs have been released, remove the keyboard.



## Step 4 — Wifi Antenna



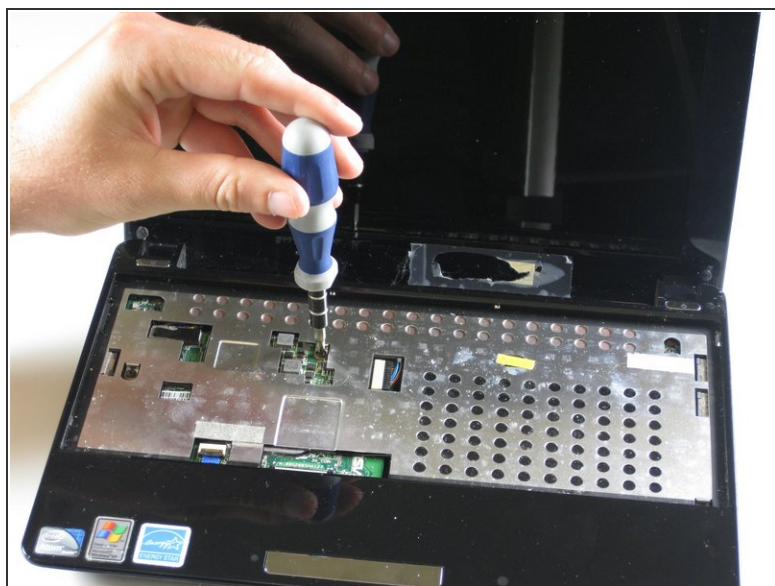
- Remove the (6.65 mm) screw next to the RAM.
- Remove the RAM door cover.

## Step 5



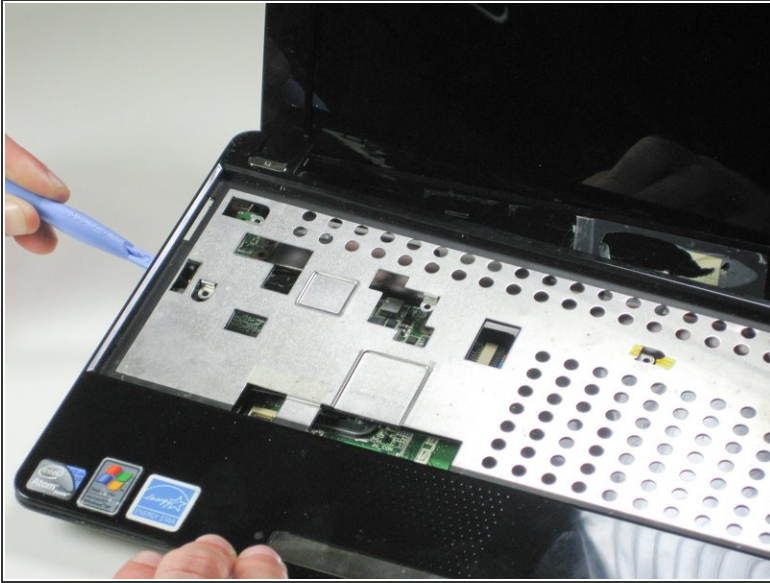
- Remove (6.65 mm) screw next to RAM.
- Identify and disconnect touch pad ribbon cable which can be seen through a window at the bottom edge of the metal part of the top casing (in these photos the connector shows blue).

## Step 6



- Turn computer right side up, and open it.
- Remove 6 (5.5 mm) screws from inside covering.
- Disconnect the touch pad ribbon cable.

## Step 7



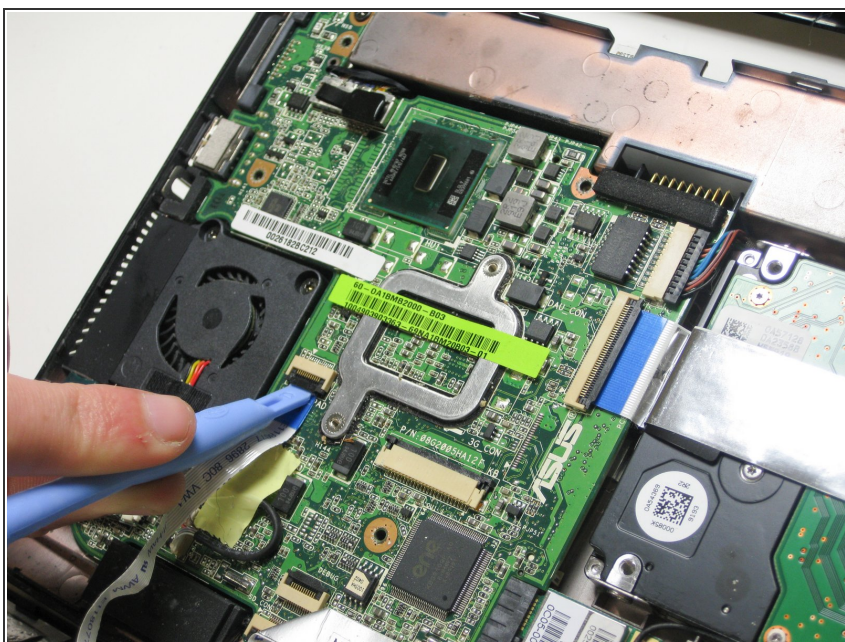
**⚠ The palmrest plastic is fragile. Handle it carefully.**

**⚠ Two miniature LEDs will be exposed in the top edge of the bottom casing. Handle with caution to avoid damage.**

- Detach each of the 5 plastic clips. Run a plastic opening tool along the underside of the top half. You will hear the 'clicks' of the clips coming undone.
- After the clips are loose, disconnect the palmrest flatflex and remove it.



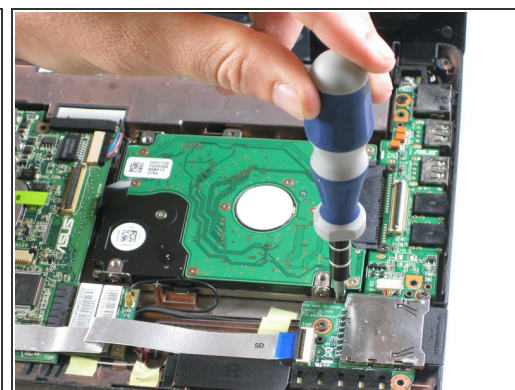
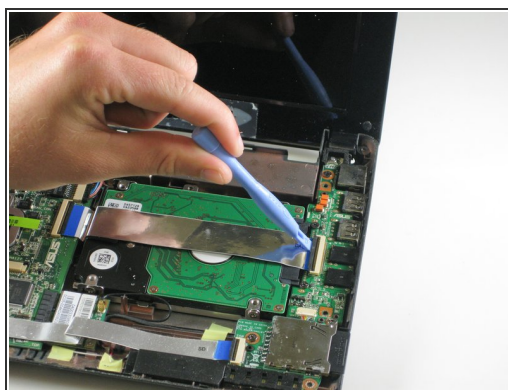
## Step 8



- Raise black pad to detach trackpad ribbon if not done in step 4.

⚠ (Completing this step according to the directions in step 4 reduces the potential for damage.)

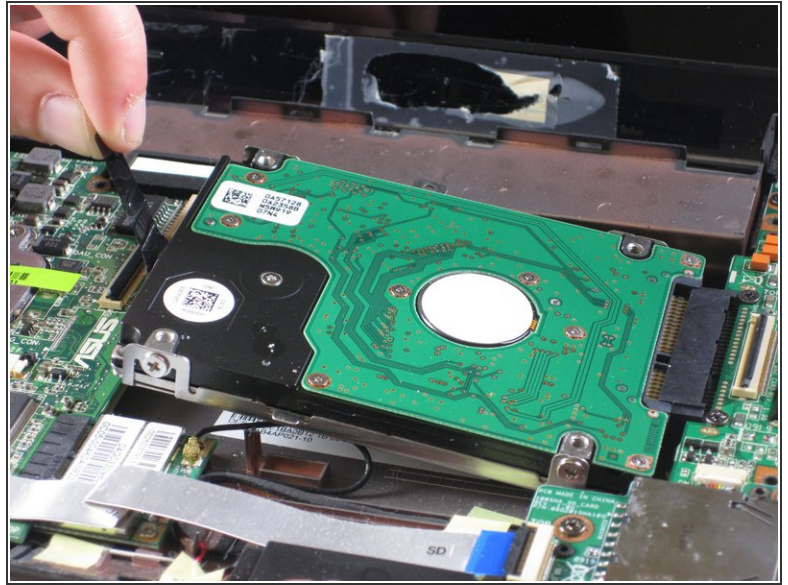
## Step 9



- Remove the hard drive ribbon by lifting the black clips upward.
  - Remove (4.6 mm) screws that hold the hard drive in place.
- i** There may be only one of these screws, the one at bottom right. The upper position screw may already have been removed (The 4th red circle from the left in step 4).



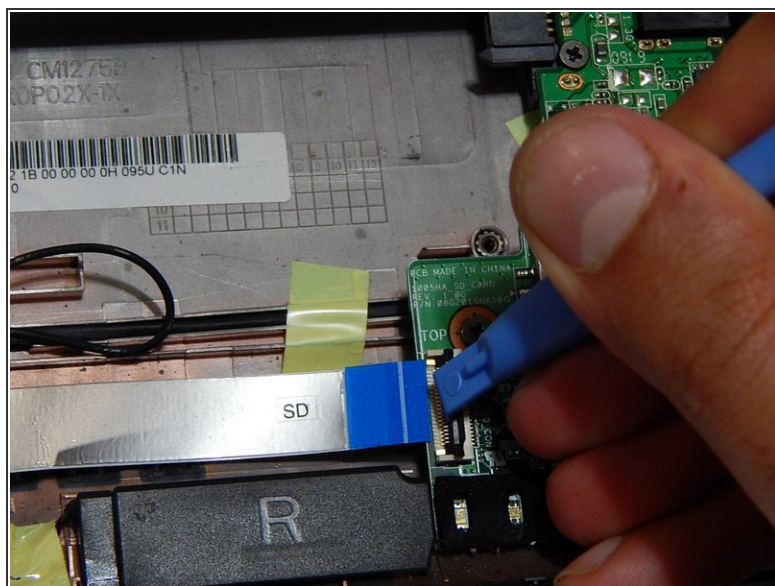
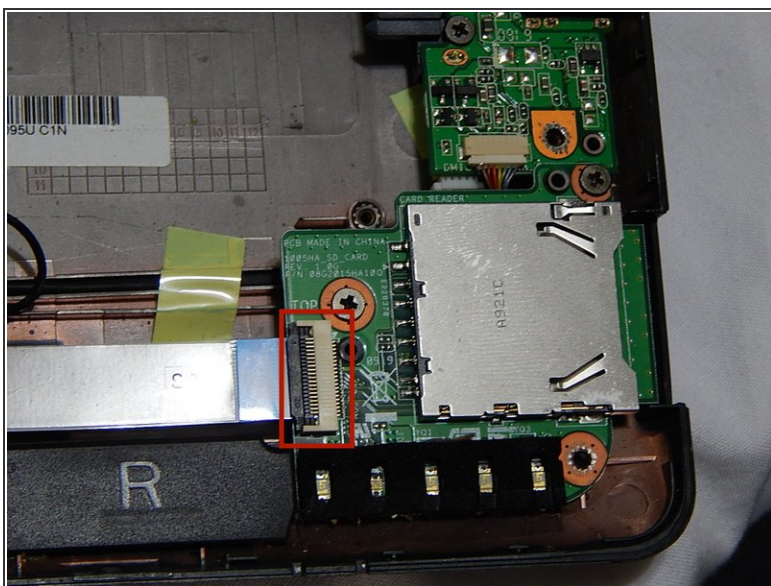
## Step 10



- Gently pull the hard drive to the left by the black plastic ribbon. Slowly lift the hard drive up on the left and then out.

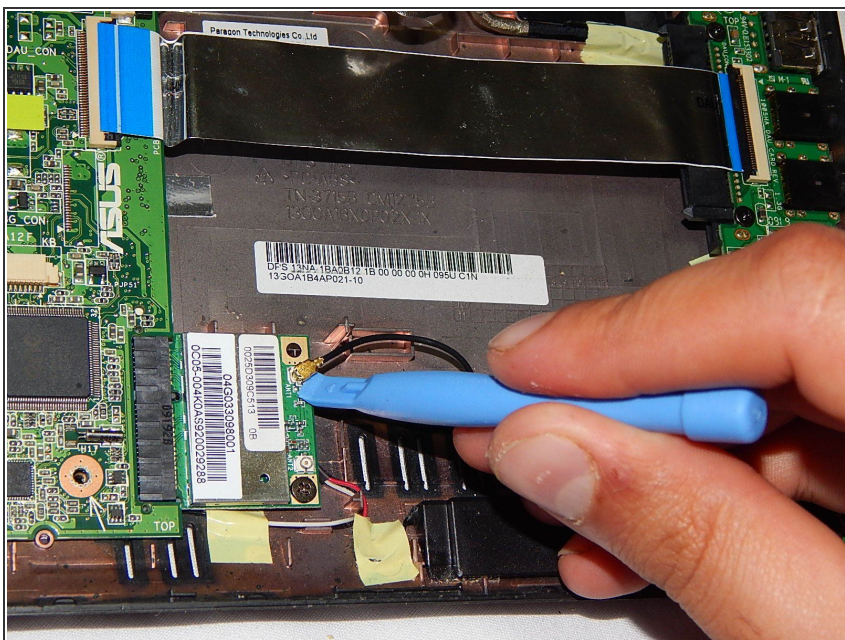
**⚠** When re-inserting, use caution to ensure that the WiFi antenna cable (visible as a black loop below the disk in the 2nd photo) is not trapped under the leg of the drive encasing.

## Step 11



- Lift the black clips using the plastic opening tool to detach the ribbon that connects the SD card module.

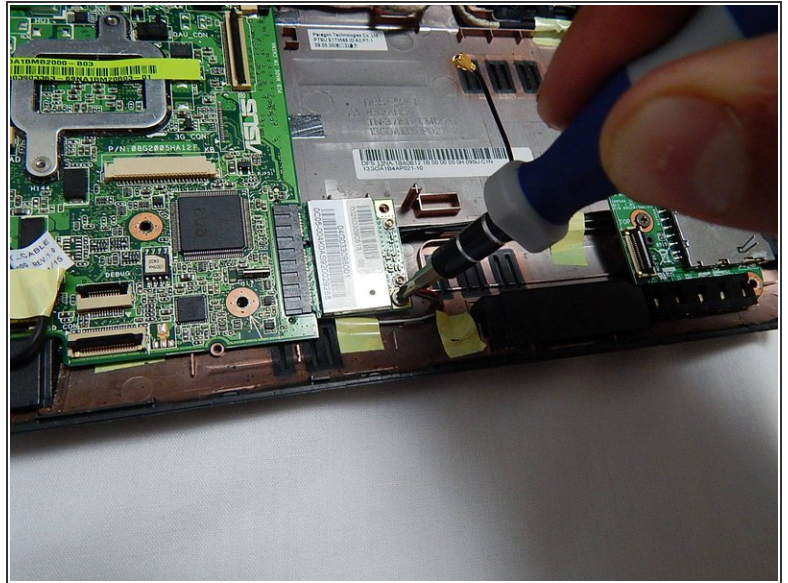
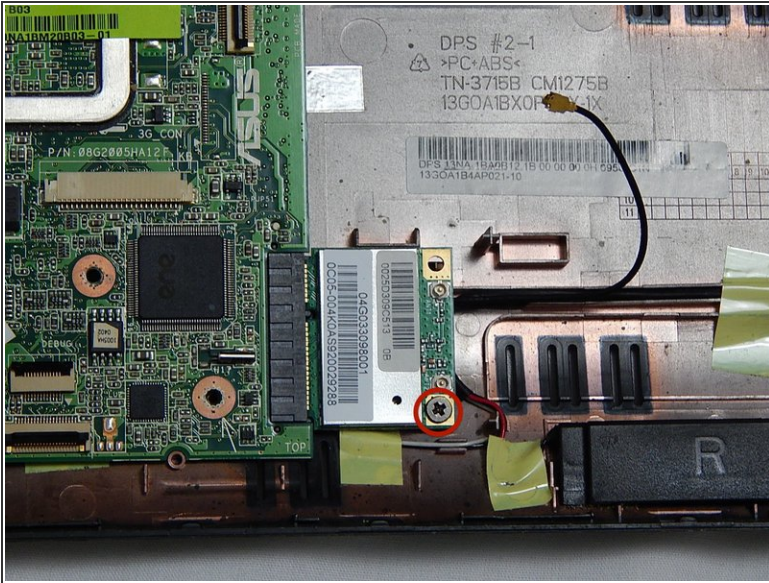
## Step 12



- Remove the wifi antenna connection using the plastic opening tool.

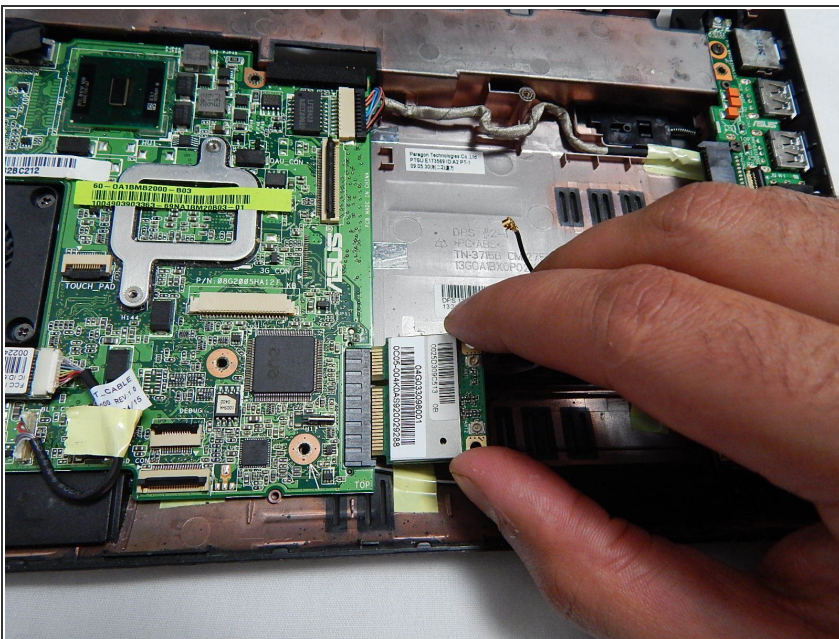


## Step 13



- Remove this screw, which holds the wifi component in place, using the Phillips head screwdriver.

## Step 14



- Pull the Wi-Fi component to the right, and then slightly upward and finally out to remove the Wi-Fi antenna.

⚠ Move antenna cautiously to avoid damage.

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