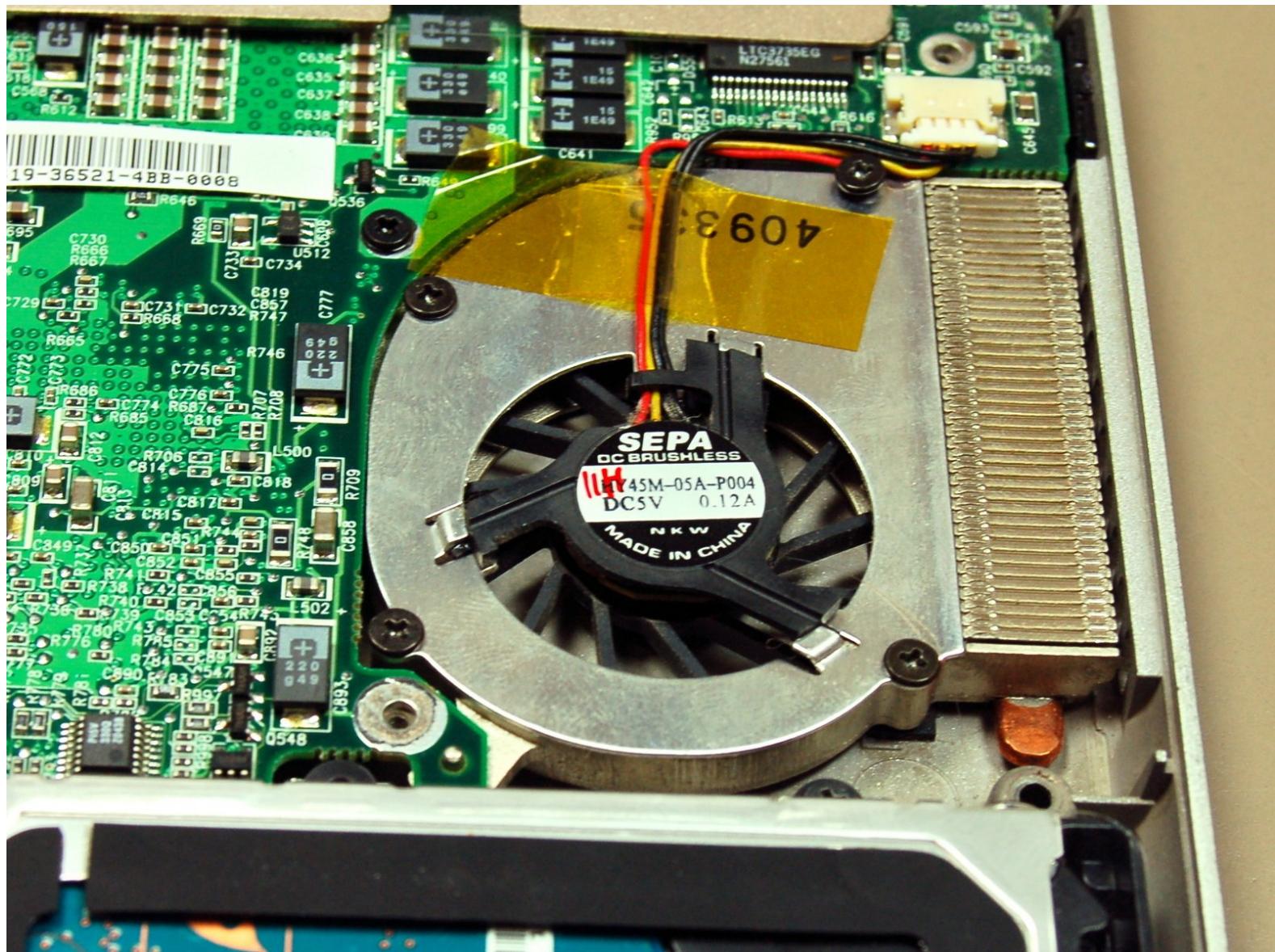




# Dell Latitude X300 Cooling Fan Replacement

This guide will show how to replace the Dell X300 cooling fan.

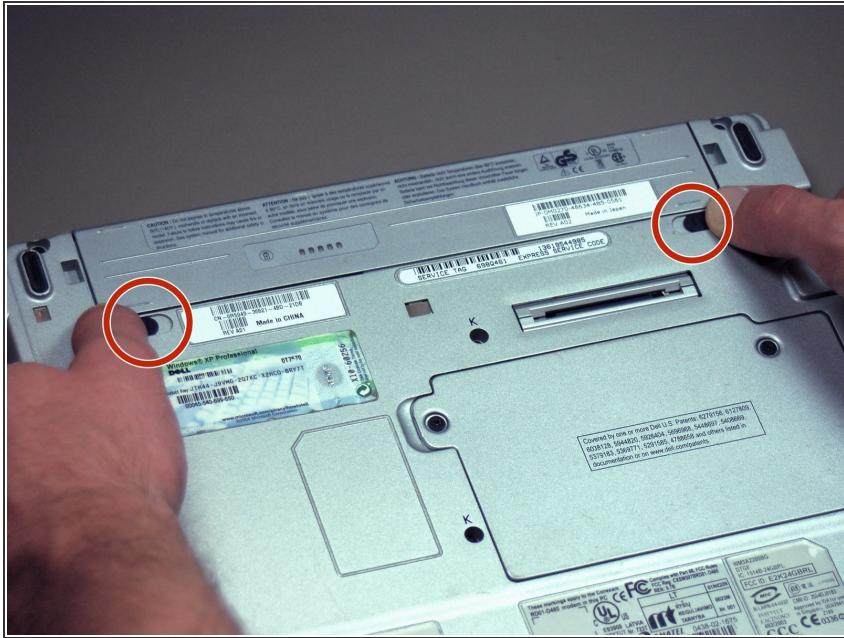
Written By: Taylor Bateman



 **TOOLS:**

- [Phillips #0 Screwdriver](#) (1)
- [Phillips #00 Screwdriver](#) (1)

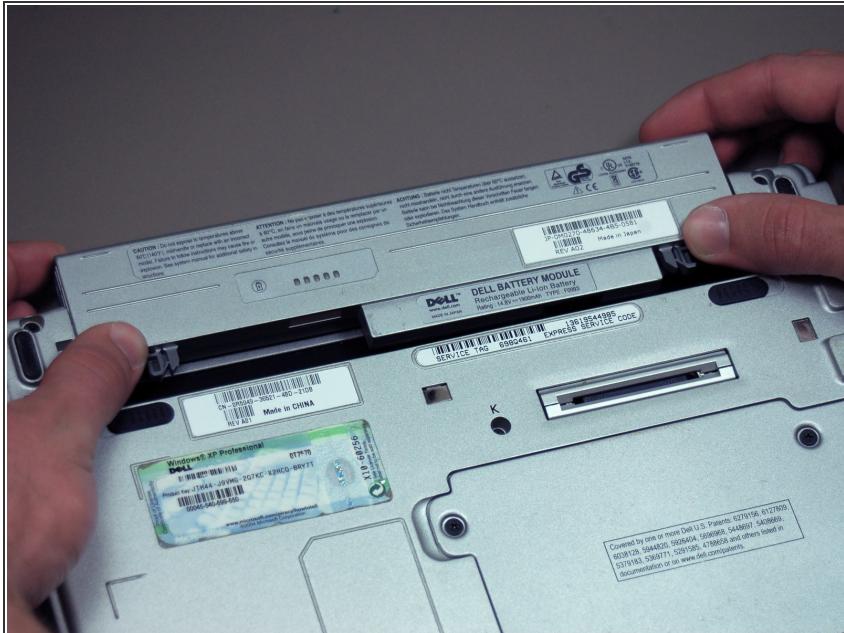
## Step 1 — Battery



⚠ Before removing the battery from the laptop, make sure the power is off.

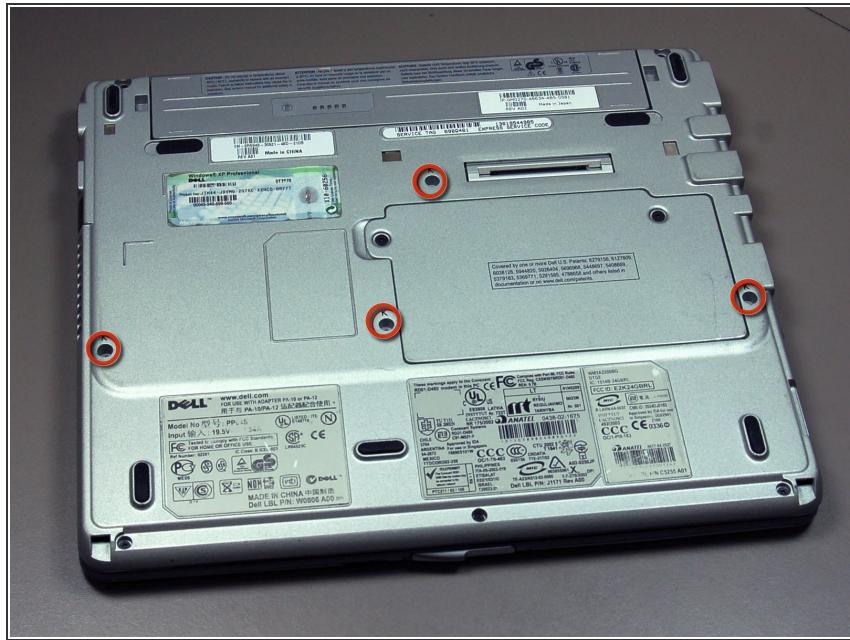
- Push both battery locking clips outward at the same time.

## Step 2



- Slide the battery out of the laptop.

## Step 3 — Keyboard



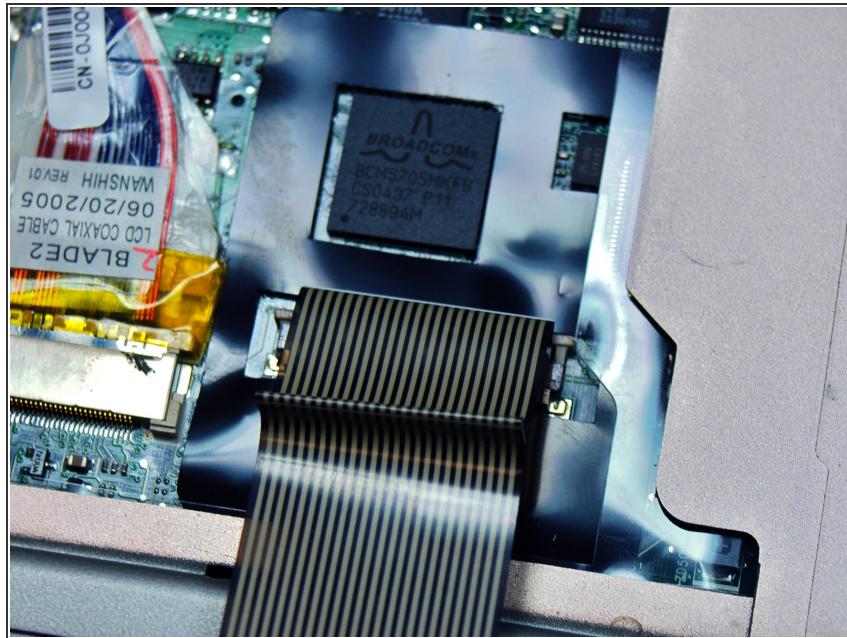
- Remove the four 4 mm Phillips #0 screws from the bottom of the laptop.

## Step 4



- Carefully turn the laptop over and open the screen all the way.
- Locate the slot to remove the keyboard in the lower left hand corner.
- Using a spudger as a lever, insert it into the slot and gently pry up.

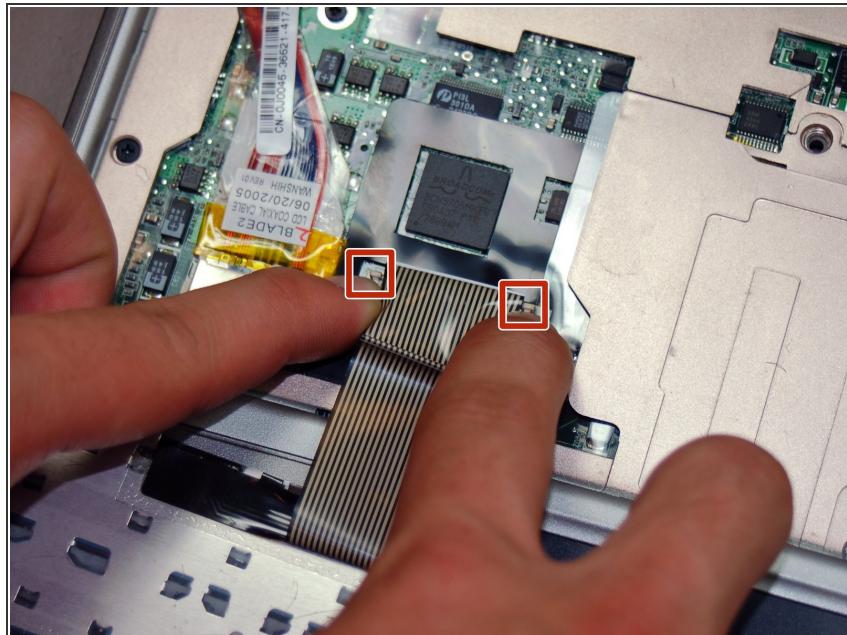
## Step 5



- After the keyboard pops up, pull it away from the screen just enough to release the tabs.

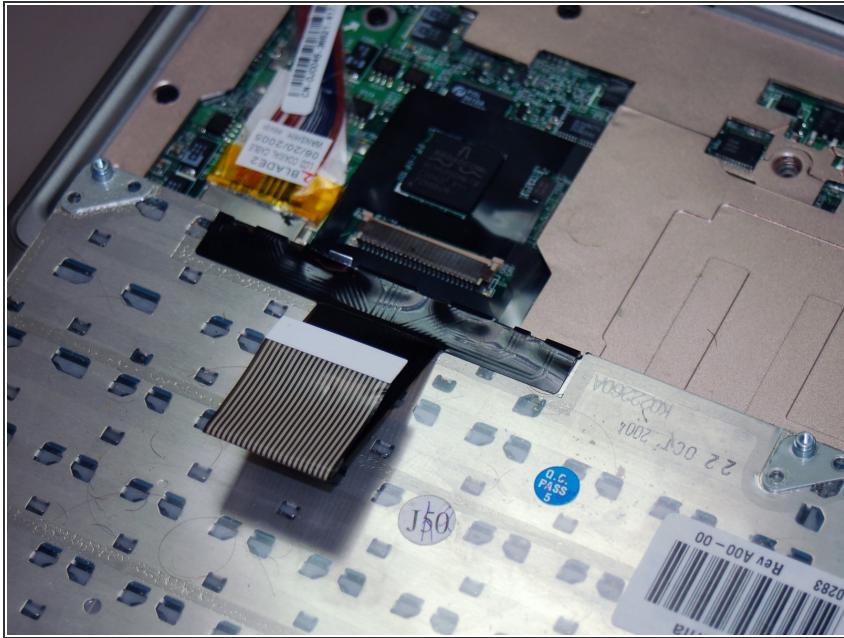
**⚠** Don't pull the keyboard out forcefully as there is still a ribbon attached to the laptop.

## Step 6



- Unlock the ZIF connector on the computer by pushing the two outside tabs toward the screen.

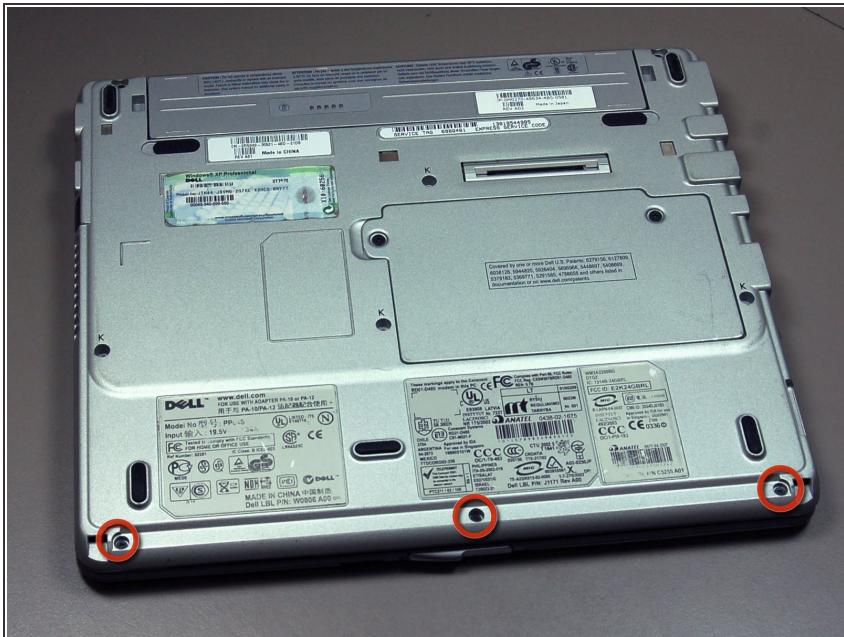
## Step 7



- Remove the flexible ribbon from the ZIF connector.

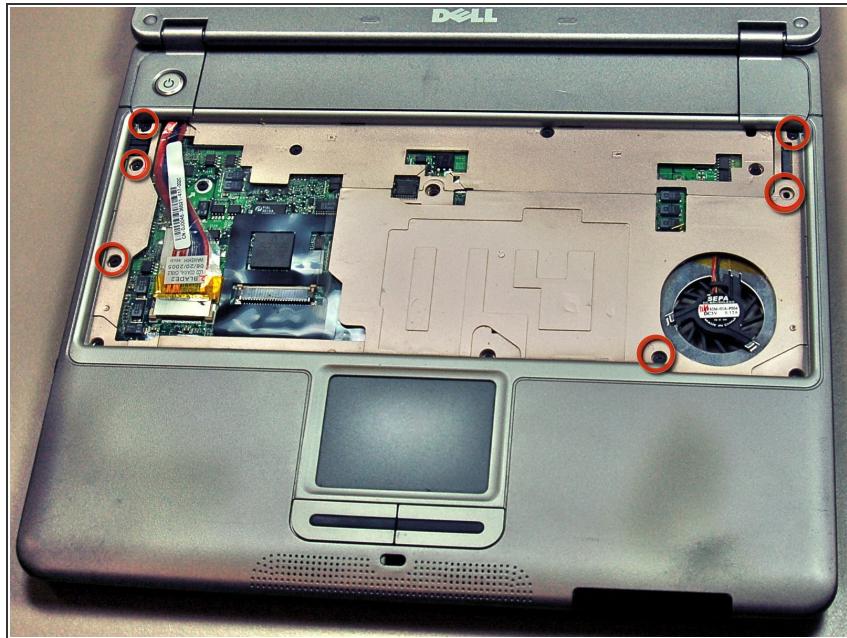
**⚠** Do not pull on the ribbon to remove it from the ZIF connector.

## Step 8 — Palm Rest/Track Pad



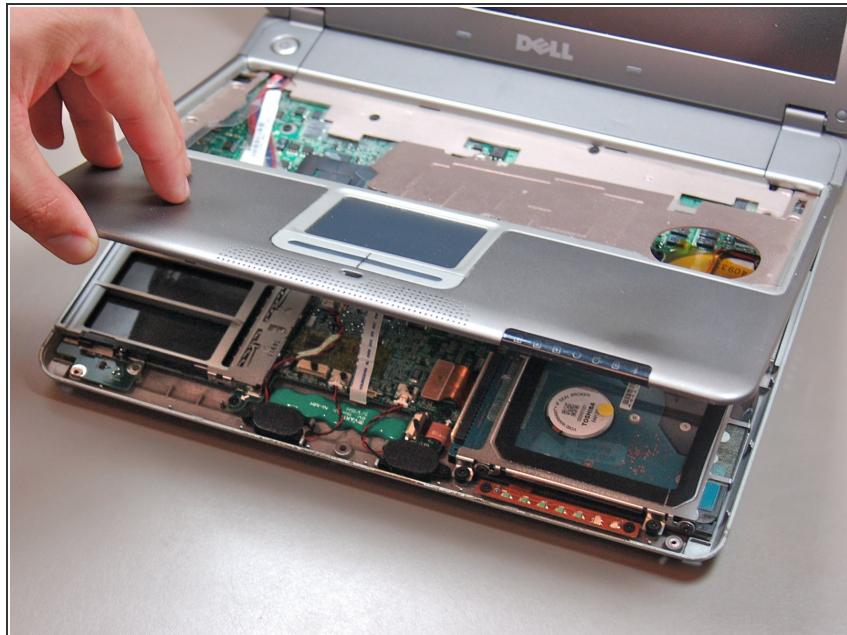
- Position the laptop so that the bottom is facing upward.
- Remove the three 4 mm Phillips #0 screws holding the bottom of the palm rest.

## Step 9



- Return the laptop to proper position and open the screen.
- Remove the six 4 mm Phillips #0 screws holding in the palm rest.

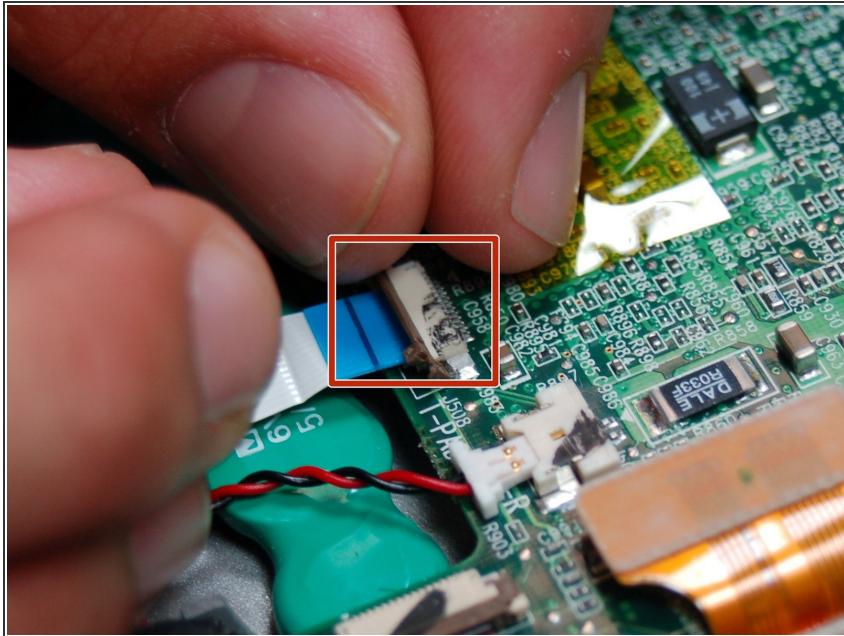
## Step 10



- Gently lift the palm rest and rotate it outward so that the bottom is now facing up.

**⚠** The ribbon attached to the track is short and extremely delicate. Use care when moving the palm rest.

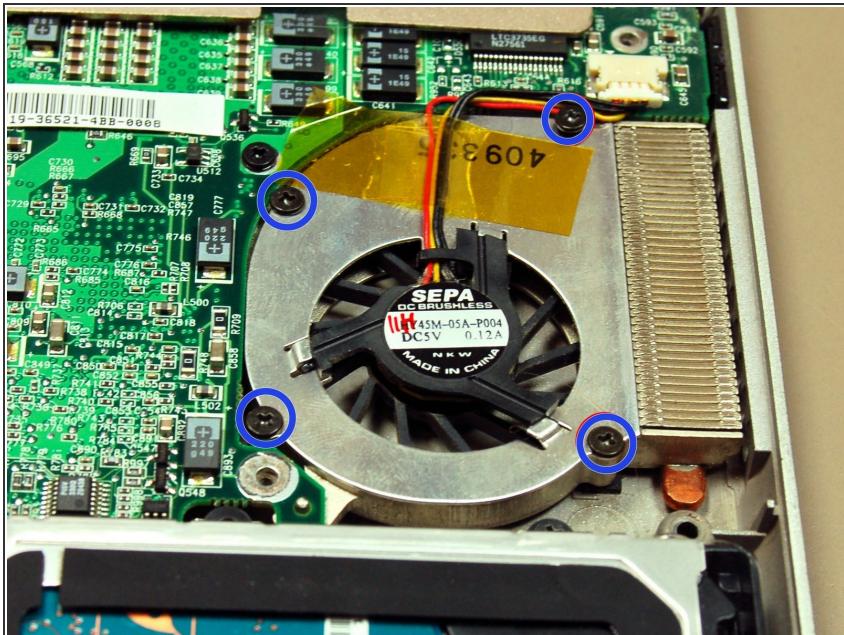
## Step 11



- Lift up on the small ZIF connector and remove the ribbon.

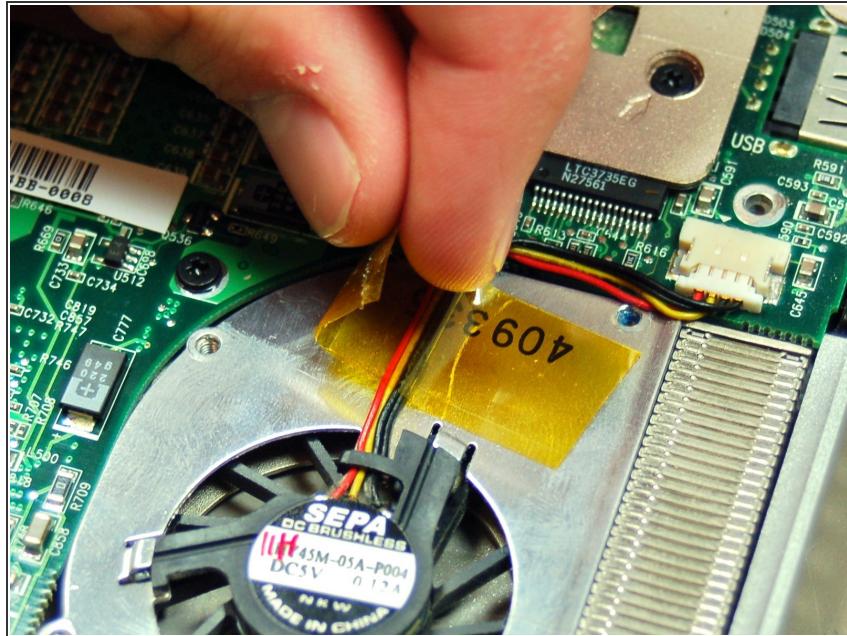
⚠ If the ribbon seems stuck, gently wiggle it to remove. Do not pull the ribbon with great force.

## Step 12 — Cooling Fan



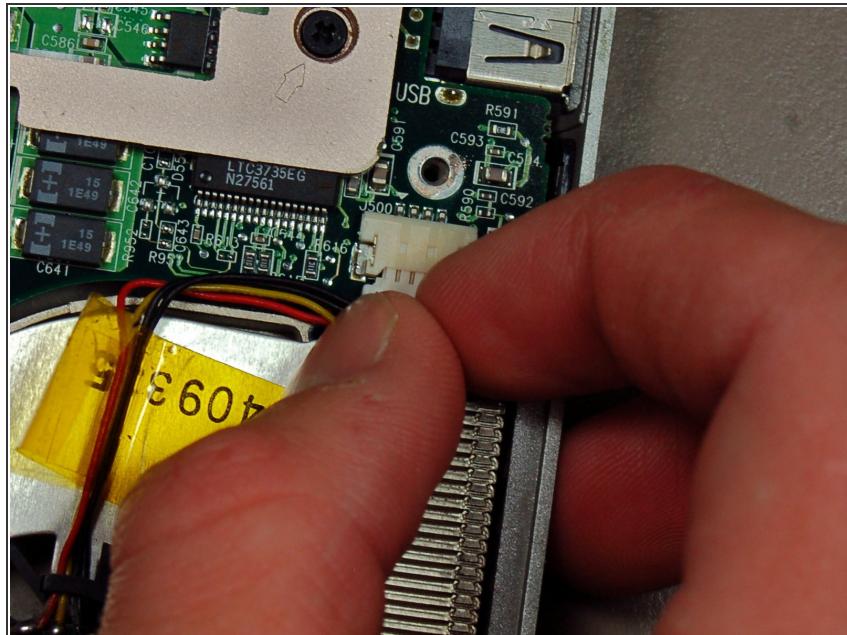
- Remove the 4 3 mm screws that hold the cooling fan to the system board.

## Step 13



- Remove the tape holding the cooling fan wires down.

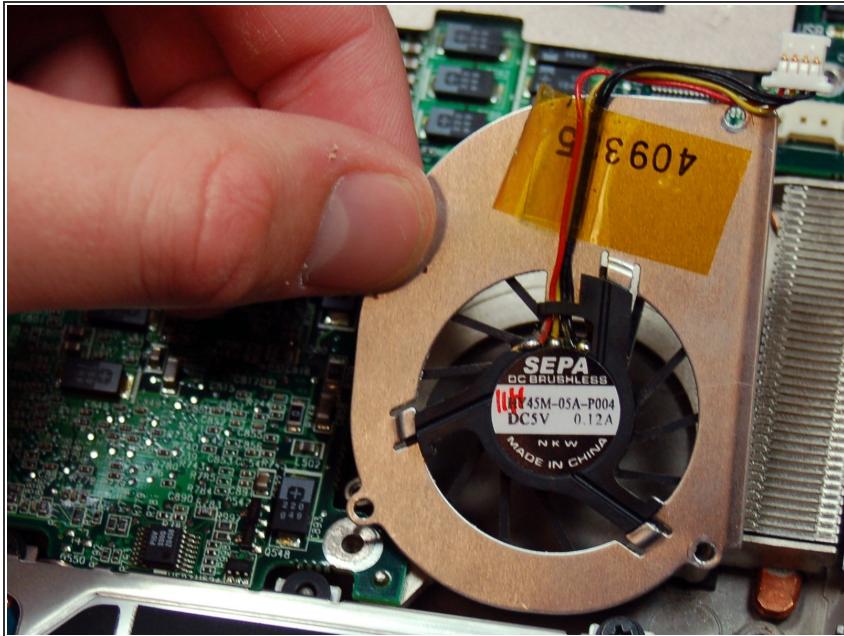
## Step 14



- Unplug the cooling fan wires from the system board by gently pulling on the hard molded plastic portion.

**⚠** Be careful not to damage the wires by tugging on them.

## Step 15



- Lift the cooling fan out of the laptop.

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