ASUS UX50V-RX05 Motherboard Replacement
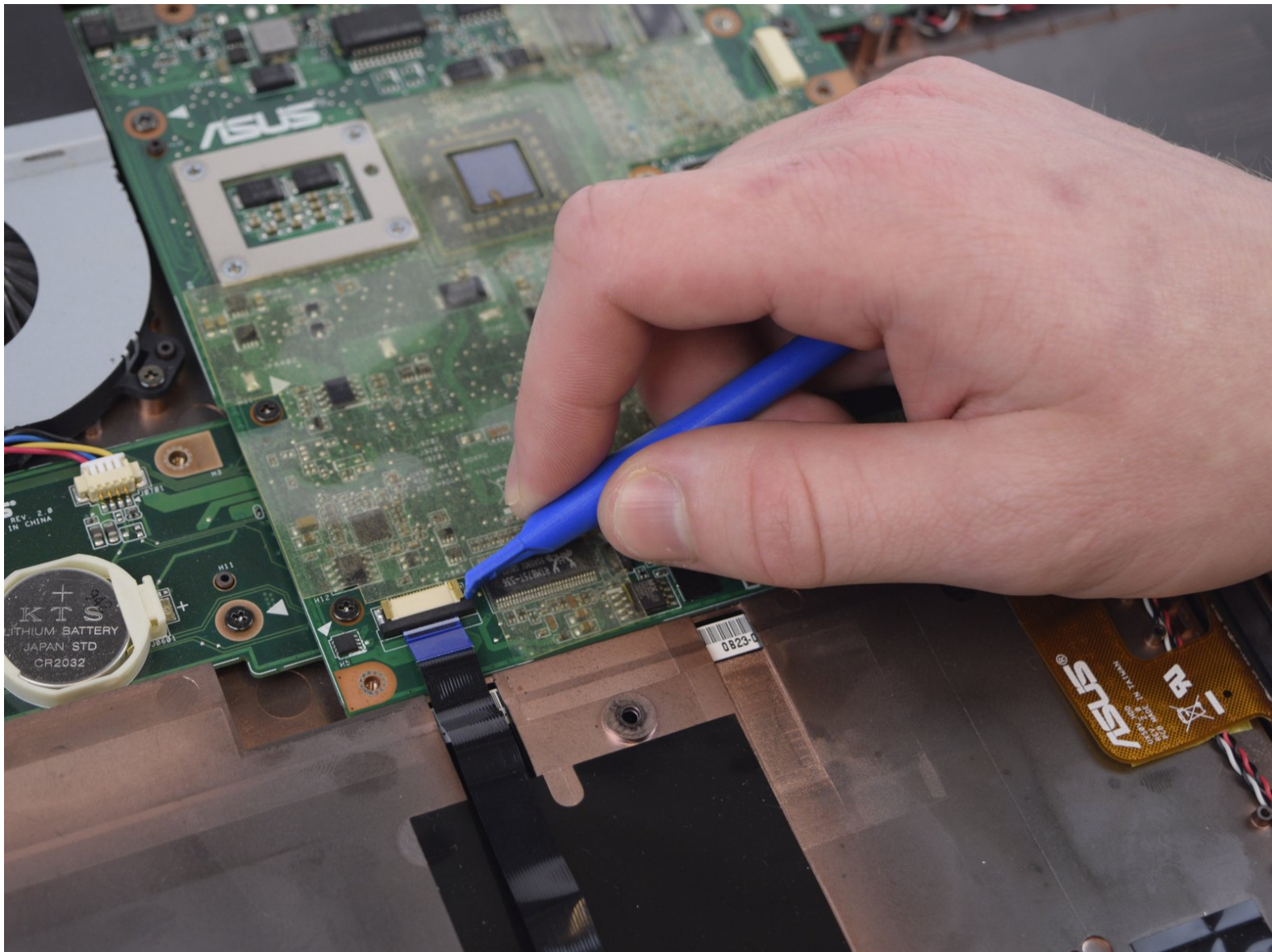
This guide will show you how to replace your Motherboard in the Asus UX50V-RX05.

Written By: James
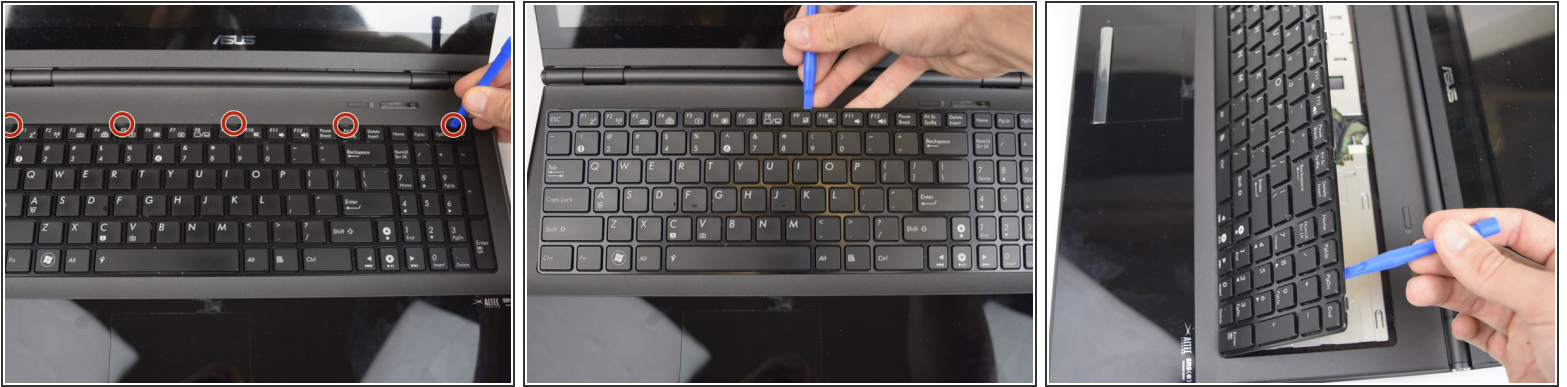

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🔧 TOOLS:

- iFixit Opening Tools (1)
- T6 Torx Screwdriver (1)
- Spudger (1)
- Pro Tech Toolkit (1)

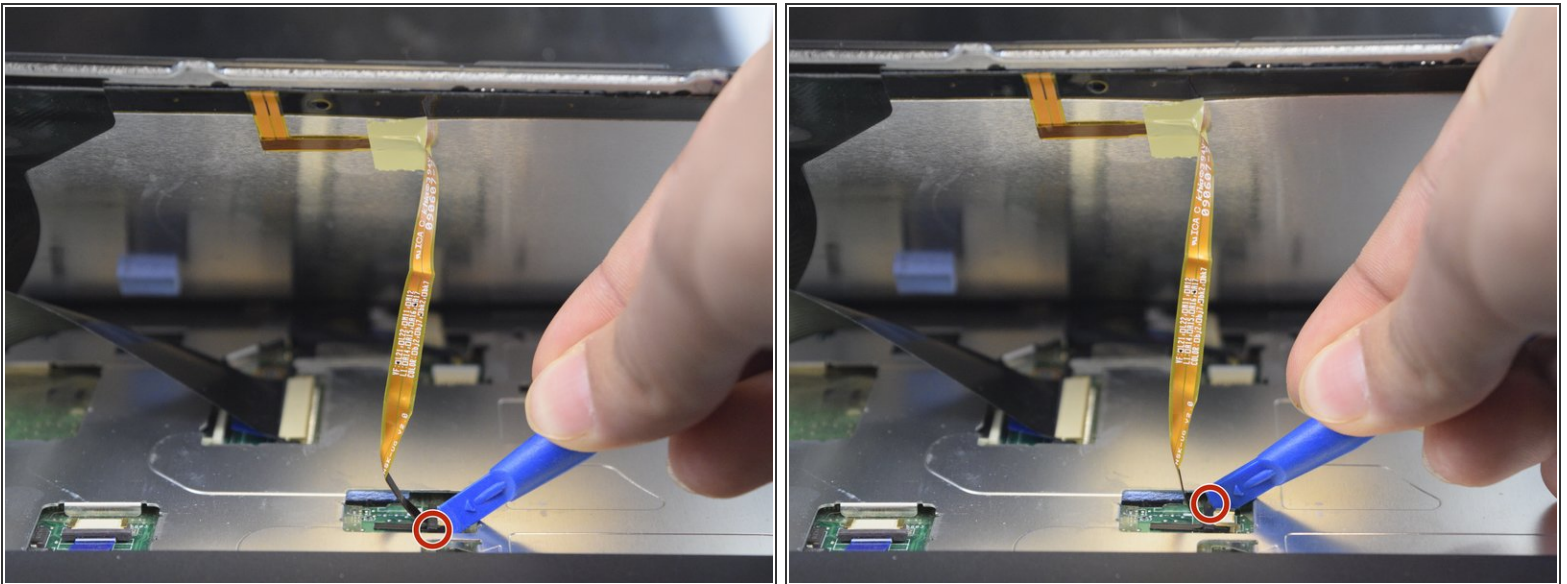This document was generated on 2020-11-28 05:41:48 AM (MST).

Step 1 — Keyboard

⚠ Make sure the device is powered off and the battery is removed before beginning.
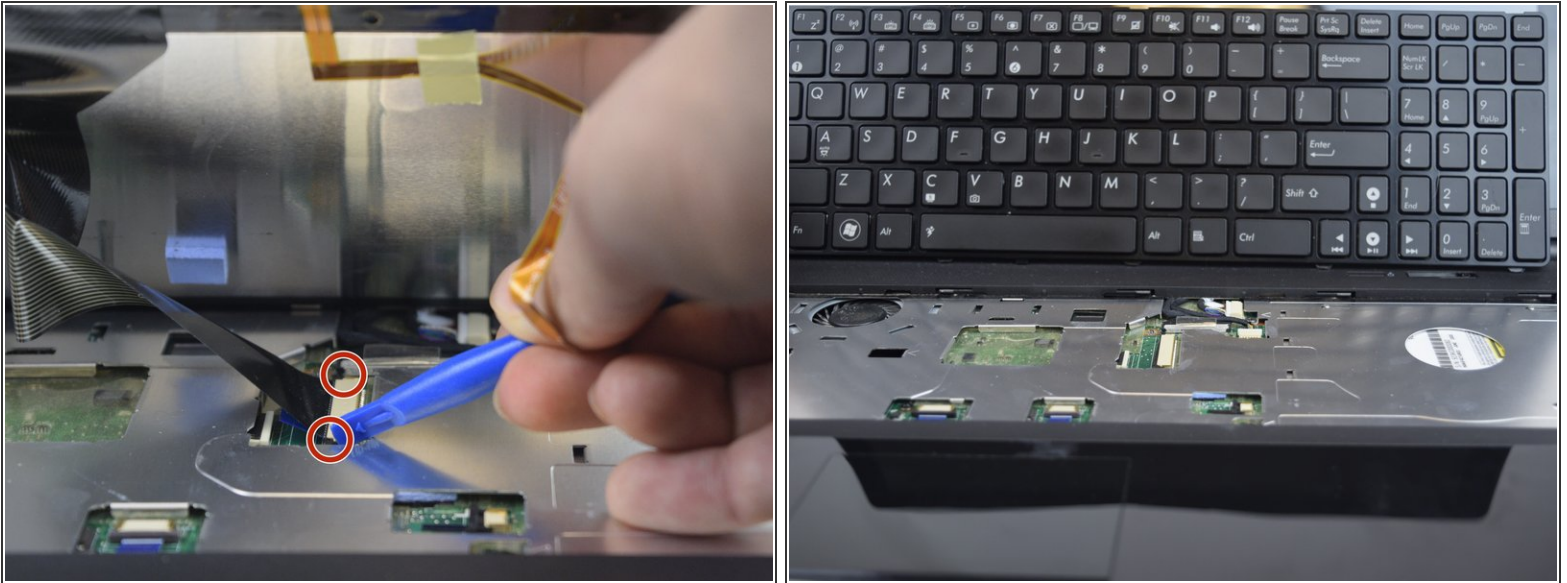
● Use the Plastic Opening tool to pry the five slots up at the top of the keyboard.

Step 2

● Lift the keyboard enough to expose the two ribbon connectors (LCD flex cable and flex band).

● Use the Plastic Opening tool to push open the two black clips on each side of the connecting cords.

● Remove the cable after pushing out the two black clips.

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Step 3

- Push out each end of the black clip with a plastic opening tool or nylon spudger to remove the ribbon cable.

- Remove the cable after pushing out both black clips.

- Remove the keyboard.

Step 4 — Case Removal

- Remove the thirteen 5 mm J0 screws from the back of the laptop.

- With the keyboard removed, use the spudger tool to pry around the edge of the laptop until it is free.

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Step 5

- Use the spudger tool to unplug the two cords from the body by pushing on the tabs on both sides of the plug.
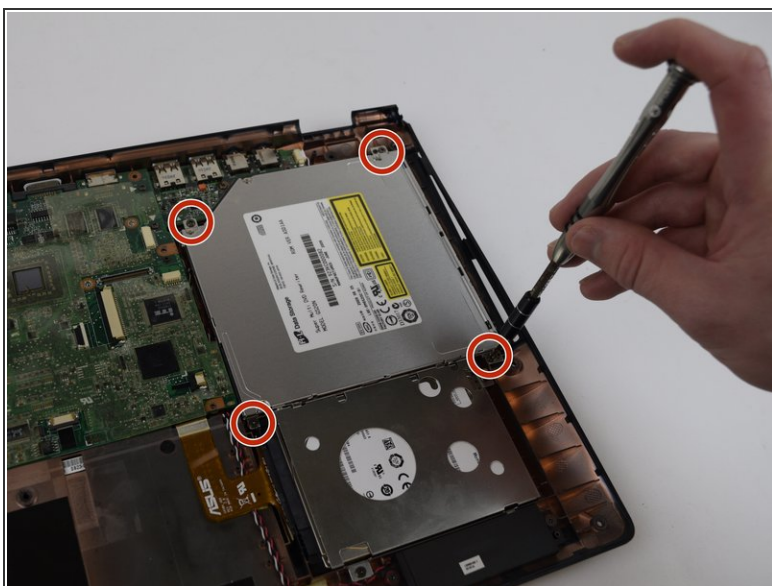
Step 6

- With the previous two cords unplugged and out of the way, you can work on unplugging the black cord.

- Use your fingers to pull up on the clear tab, or use the spudger tool to push out both sides of the connector.
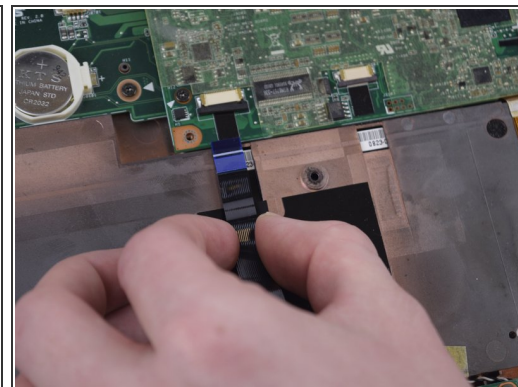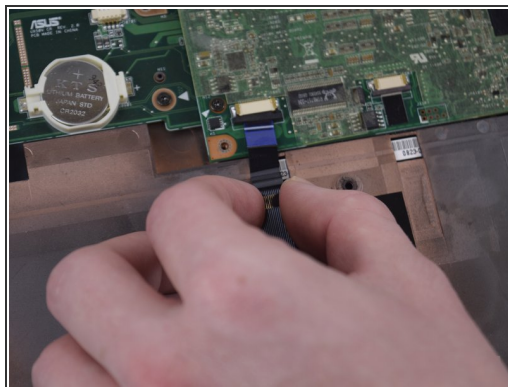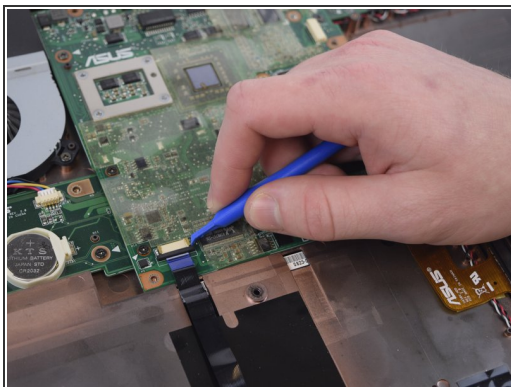
Step 7

- Carefully lift and remove the plastic cover to avoid damaging anything.
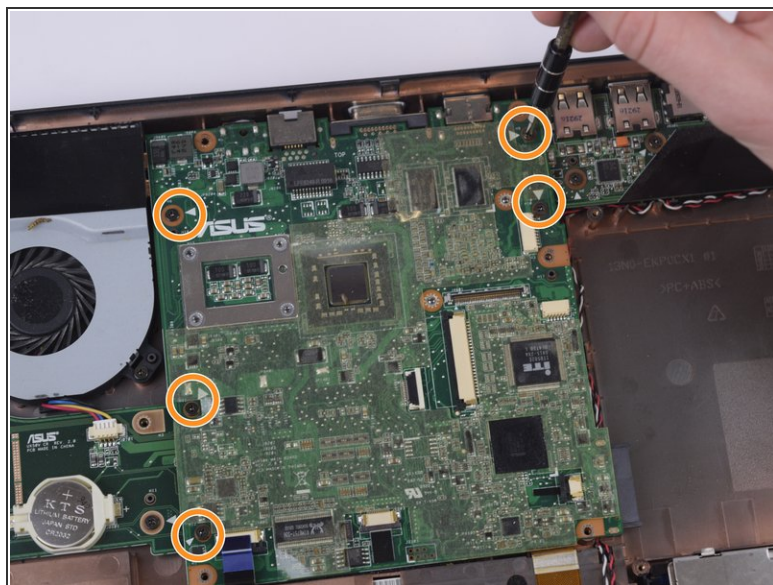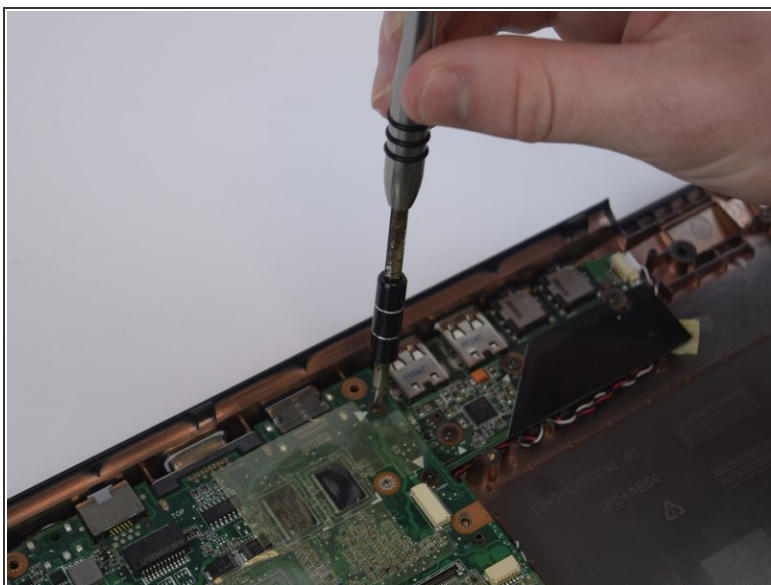
Step 8 — Optical Drive

- Remove the four 5 mm J0 screws surrounding the Optical Drive.

- Remove the optical drive by pulling it out and away from the connector.
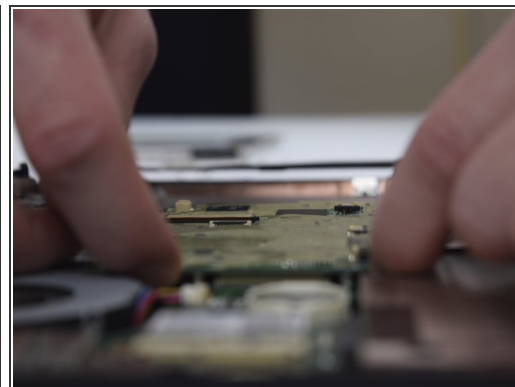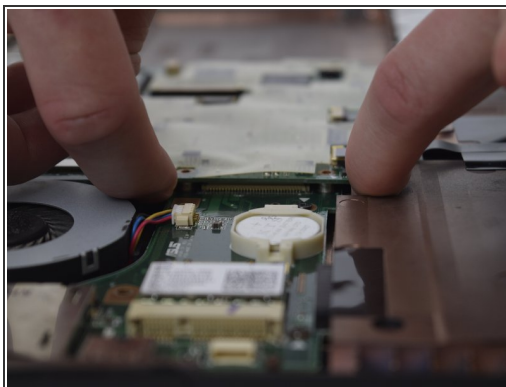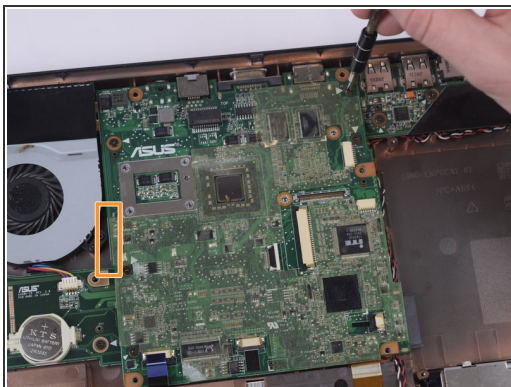
Step 9 — Motherboard

- Use the Plastic Opening Tool to unplug the blue cord on the Motherboard.
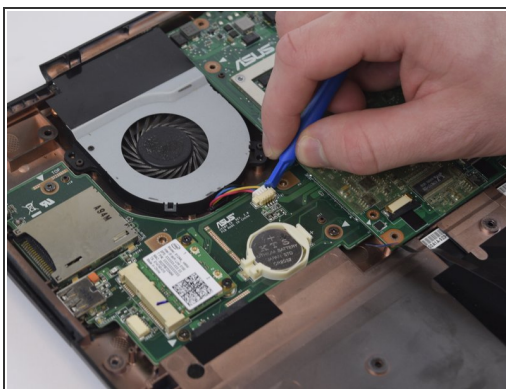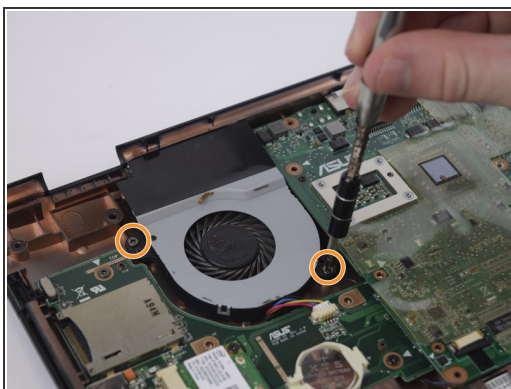
Step 10

- Remove the five 4 mm Phillips head 5 mm long screws that have white arrows pointing to them with the screwdriver.
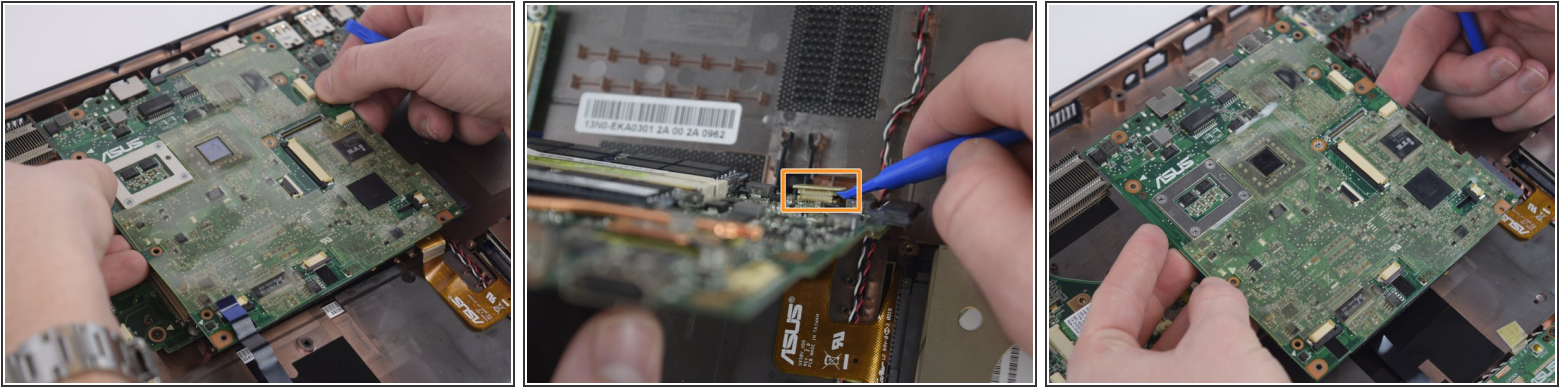
Step 11

● Lift the Motherboard with your fingers by reaching underneath the Motherboard and prying.

Step 12

● Remove the two 4 mm Phillips head 5 mm long screws from the fan using the screwdriver.

● Using the Spudger, carefully remove the white connector and lift the fan out of the casing.

Step 13

- Slowly lift the motherboard up towards you being careful as to not rip any cords out of the bottom.

- Using the Spudger, remove the connector towards the bottom of the motherboard.

- Remove the motherboard from the casing.

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