



# Lenovo Yoga 900-13ISK Keyboard Replacement

This step-by-step repair guide will show you...

Written By: Austin Blakely



## INTRODUCTION

This step-by-step repair guide will show you how to replace the keyboard in the 13 inch Lenovo Yoga 900. Whether you have a malfunctioning key or the whole keyboard has ceased to work, replacing your keyboard will get you back to typing. Fortunately, the keyboard in the Yoga 900-13ISK is modular, so you can replace it without needing to replace the entire palm rest.

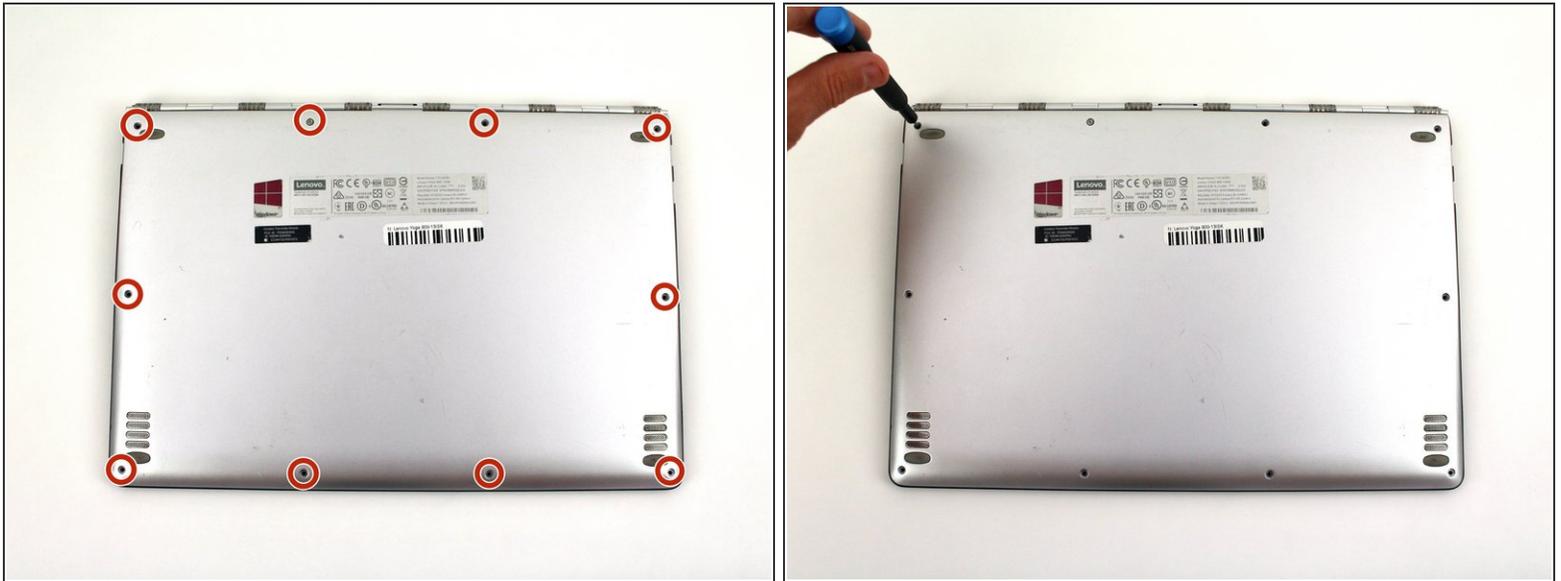
Be sure to unplug and completely turn off your device before you start working.

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### TOOLS:

- [T5 Torx Screwdriver](#) (1)
  - [Spudger](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
  - [ESD Safe Tweezers Blunt Nose](#) (1)
  - [Phillips #000 Screwdriver](#) (1)
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## Step 1 — Back Cover



- Using a T5 Torx screwdriver, remove the ten 5.5 mm screws from the back case of the laptop.

## Step 2



- Use a spudger to pry open the back case at the hinges of the laptop.
  - ⓘ There are plastic clips around the perimeter of the case holding down the back cover. These will need to be popped off as the cover is removed.
- Use your fingers to completely pop off the back cover.

## Step 3 — Battery



- Remove the five 3.6 mm screws from the battery with a Phillips #00 screwdriver.

## Step 4



- Grab the bottom corners of the battery and gently pull the battery until the cable disconnects from the connector on the motherboard.
- ☑ While reassembling, use a plastic spudger to push the battery cable into the connector on the underside of the motherboard. This will be easier to do before the screws are replaced.

## Step 5 — Solid State Drive



- Use a Phillips #00 screwdriver to remove the 2.7 mm screw that is holding down the SSD card.

## Step 6



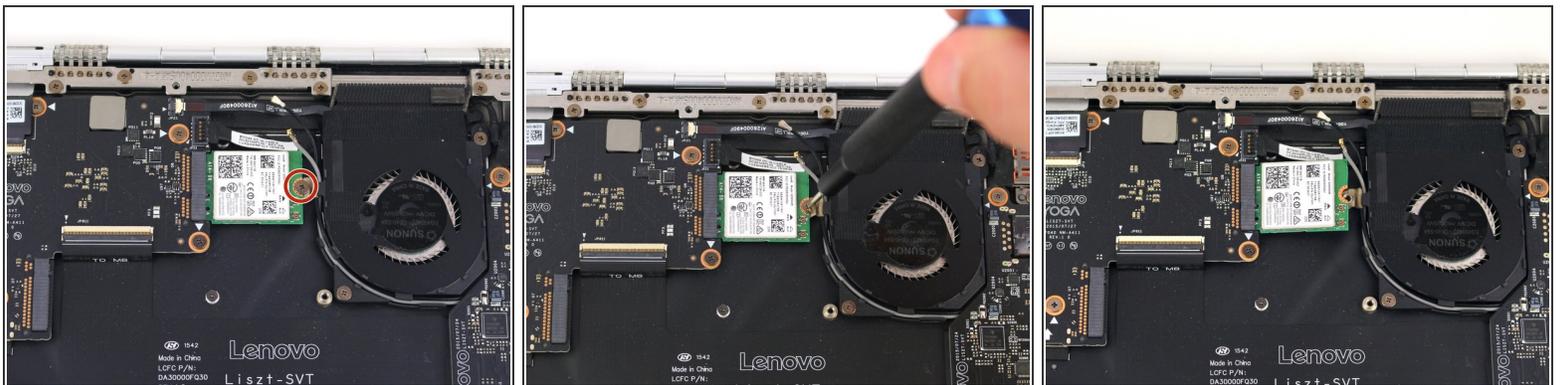
- Pull the SSD card out of the port to the right.

## Step 7 — Wi-Fi Card Prereq



- Pry up the gray and black coaxial cables from the Wi-Fi card using a spudger.
- Move the cables to the side.

## Step 8



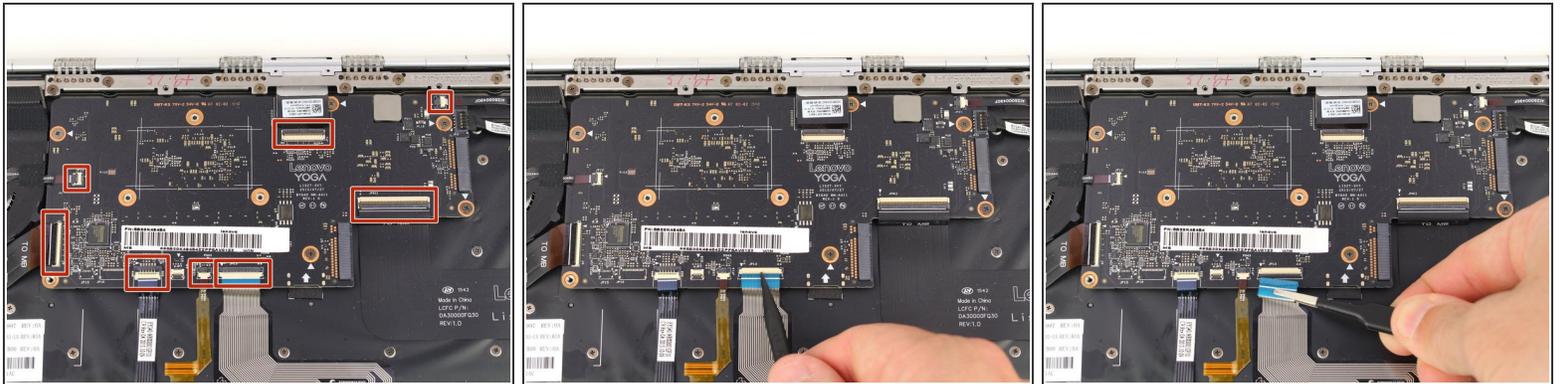
- Using a Phillips #00 screwdriver, remove the 2.2 mm screw holding down the Wi-Fi card.
- ⓘ The Wi-Fi card may pop up to rest at an angle to the motherboard after the screw is removed.

## Step 9



- Pull the WiFi card out from the connector on the motherboard.

## Step 10 — Motherboard



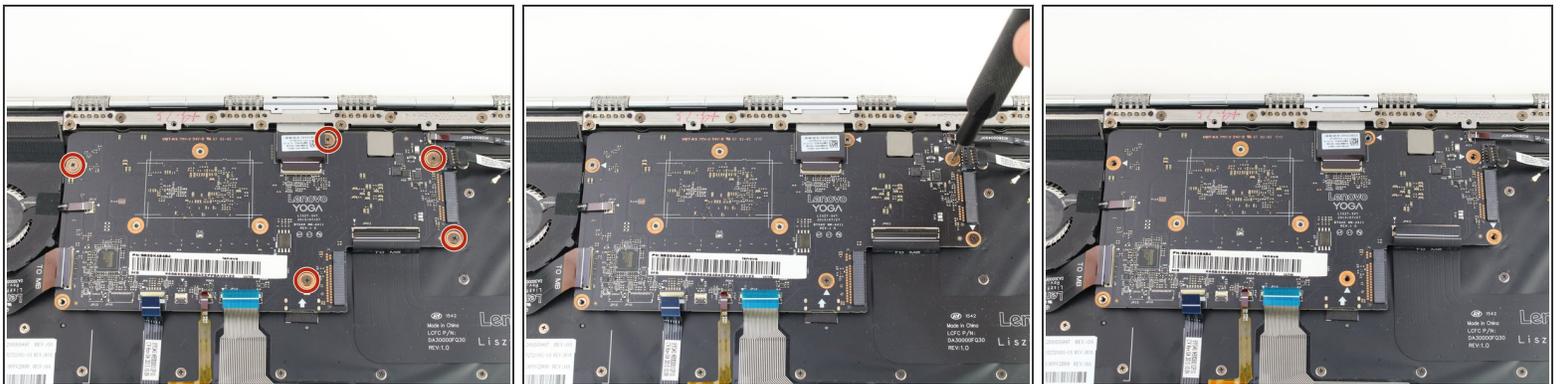
- Using the pointed end of a spudger, flip up the hinged locking tabs of the eight [ZIF connectors](#) on the motherboard.
- Pull the eight cables out from their connectors using a pair of blunt nose tweezers.

## Step 11



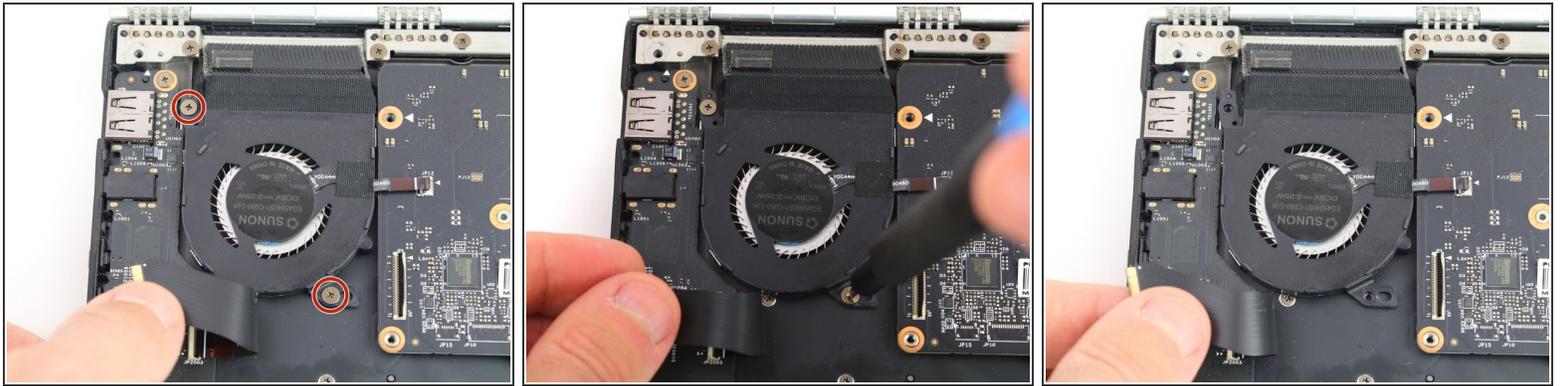
- Use a spudger to pry up the [press fit connector](#) on the right side of the motherboard.

## Step 12



- Remove the five 3.6 mm screws from the motherboard using a Phillips #00 screwdriver.

## Step 13



- Pull back the interconnect cable on the left side of the motherboard to reveal one of the fan screws for the left fan.
- Remove the two 3.6 mm screws from the left fan with a Phillips #00 screwdriver.

## Step 14



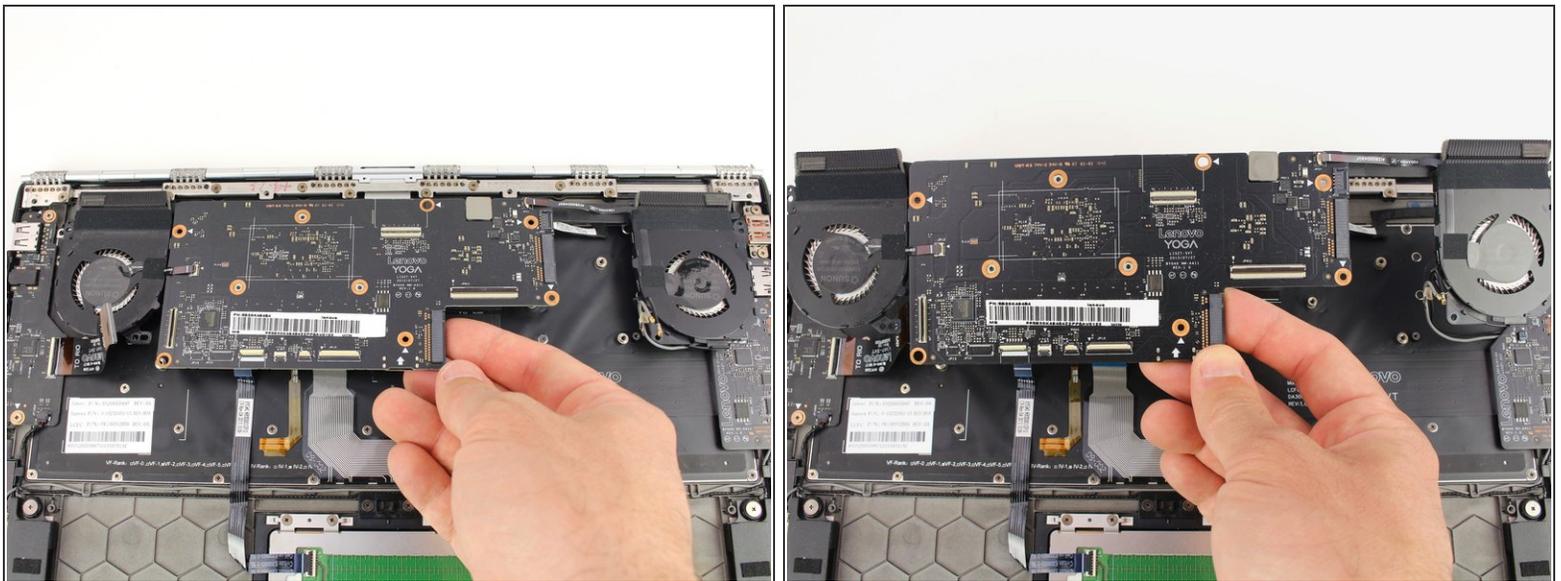
- Remove the two 3.6 mm screws from the right fan using a Phillips #00 screwdriver.

## Step 15



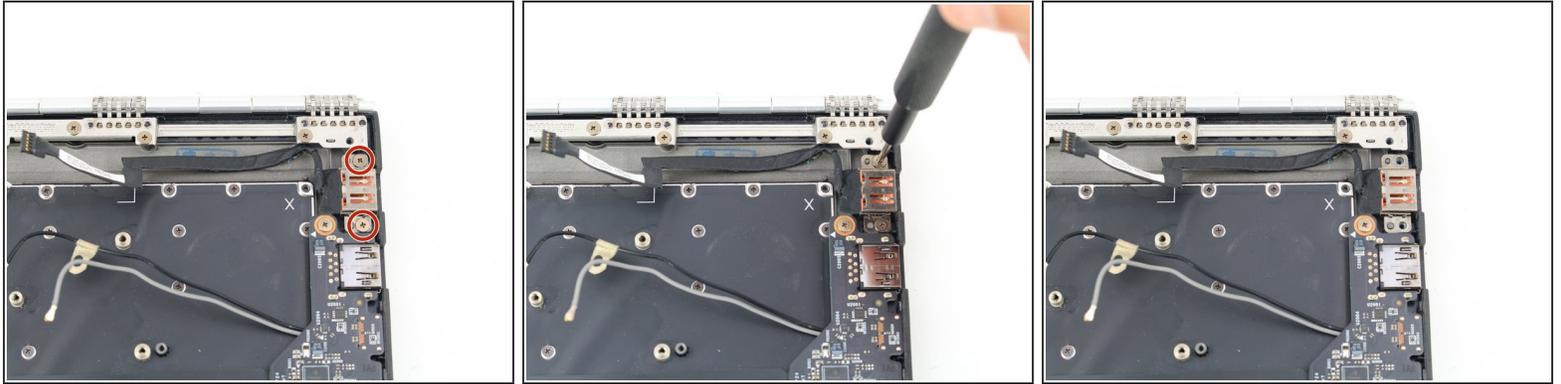
- Unwind the black and white coaxial cables from the hooks on the right fan casing.

## Step 16



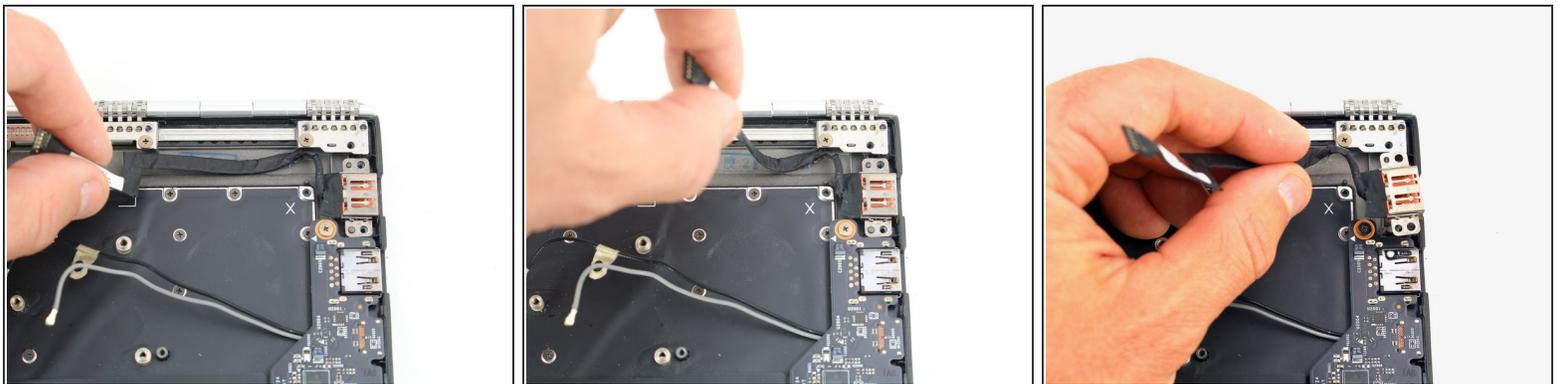
- Lift the motherboard from the bottom edge and pull it up and out of the case.
- ⓘ If you need to remove the fan assembly to swap it over to your new motherboard, continue to follow along with the [heatsink guide](#).

## Step 17 — Charging Port



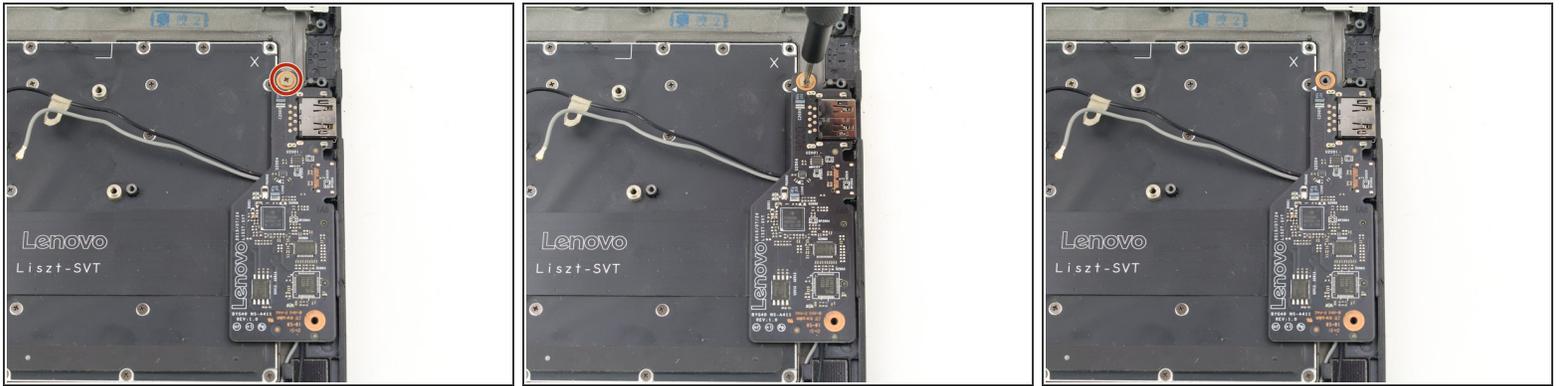
- Remove the two 3.5 mm screws from the charging port with a Phillips #00 screwdriver.

## Step 18



- Peel up the charging port cable and remove the charging port.

## Step 19 — Keyboard



- Remove the 3.6 mm screw from the daughterboard on the right with a Phillips #00 screwdriver.

## Step 20



- Lift the daughterboard from the right edge and peel off the interconnect cable from the keyboard panel.

## Step 21



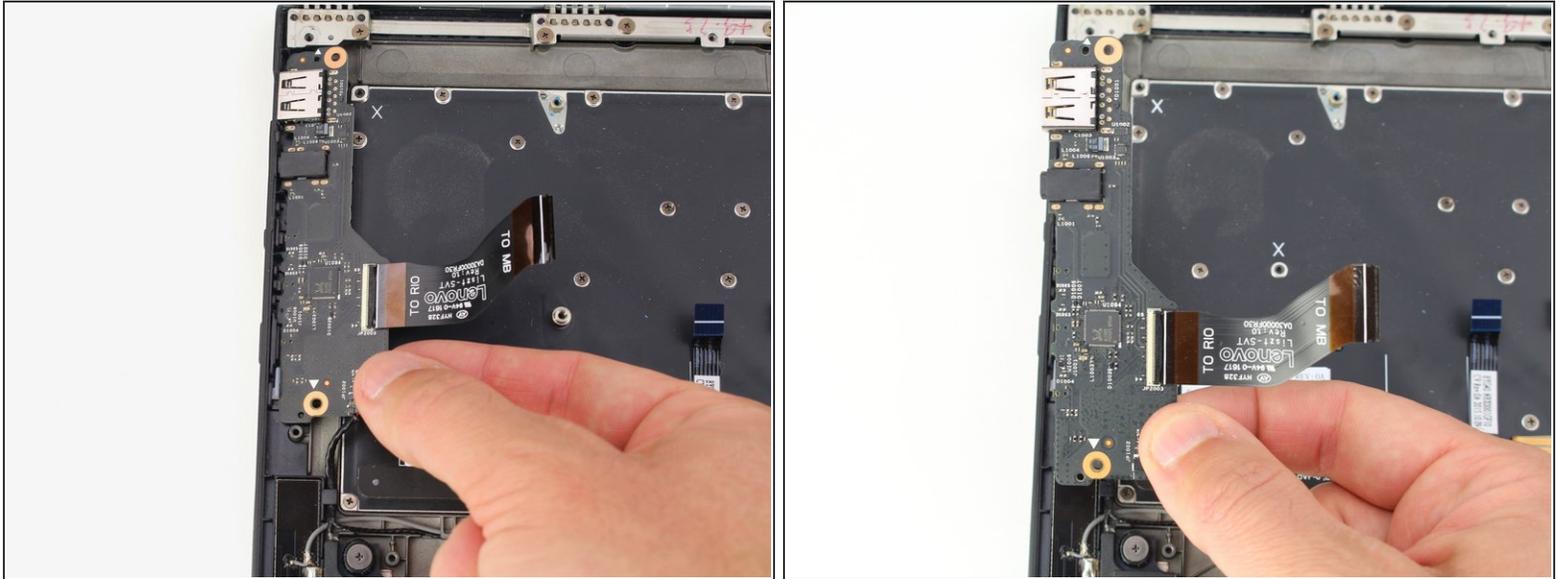
- Use a Phillips #00 screwdriver to remove the two 3.6 mm screws from the daughterboard on the left.

## Step 22



- Use a pair of blunt nose tweezers to pull out the speaker cable on the lower portion of the daughterboard.

## Step 23



- Lift up the daughterboard from the right side to remove it from the case.

## Step 24



- Peel back the trackpad cable from the black keyboard panel.

## Step 25



- Remove the forty-one 1.9 mm screws from the keyboard panel with a Phillips #000 screwdriver.

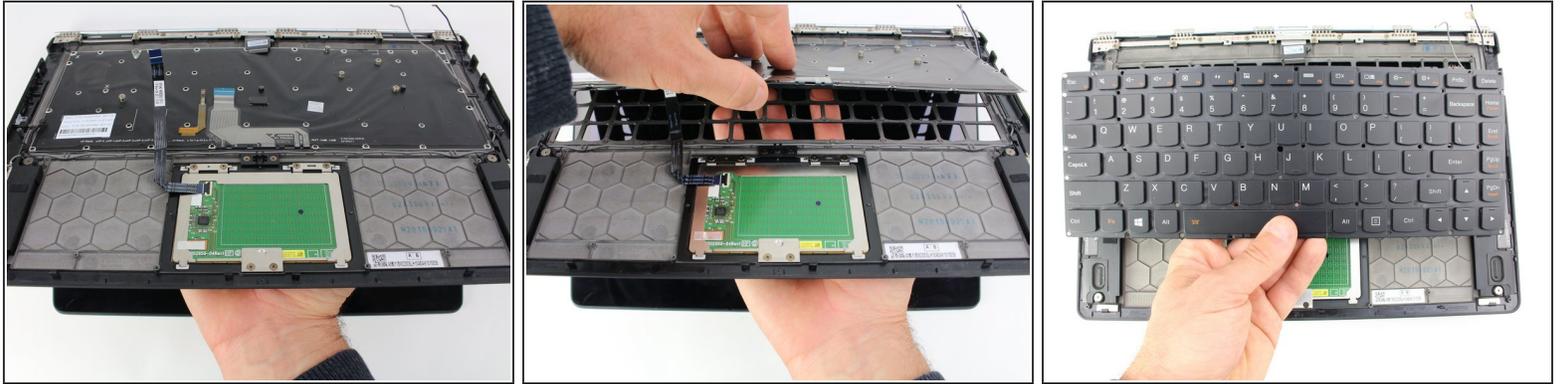
☑ While reassembling, you can use the 'X' markings to tell which holes do not need screws.

## Step 26



- Open the laptop slightly.

## Step 27



- Press the keyboard up from the underside and grab it to remove it from the case.

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