



# Nokia E90 QWERTY Keyboard Replacement

This guide shows you how to access and remove the QWERTY keyboard.

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## INTRODUCTION

You need a T5 screwdriver to remove the screws.



### TOOLS:

- [iFixit Opening Tools](#) (1)
  - [T5 Torx Screwdriver](#) (1)
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## Step 1 — Battery Cover and Battery



- In order to remove the back cover, you must press the indicated button.

## Step 2



- With the button pressed, apply light pressure and slide the back cover off.
- This will allow you to access the battery

## Step 3



- In order to remove the battery, pull it out from the same side that the rubber button is on.

## Step 4 — Back Cover



- Using a plastic opening tool, separate the back cover from the phone.



## Step 5



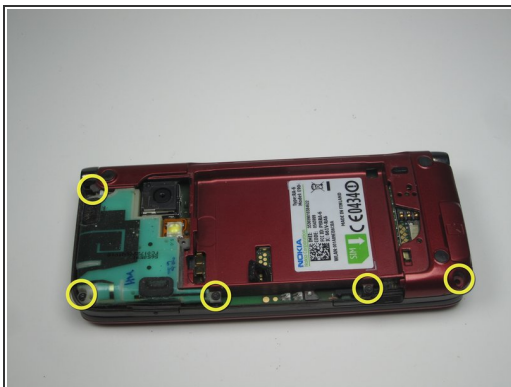
- Continue along the edge with the plastic opening tool.

## Step 6



- Gently, remove the back cover.

## Step 7 — QWERTY Keyboard



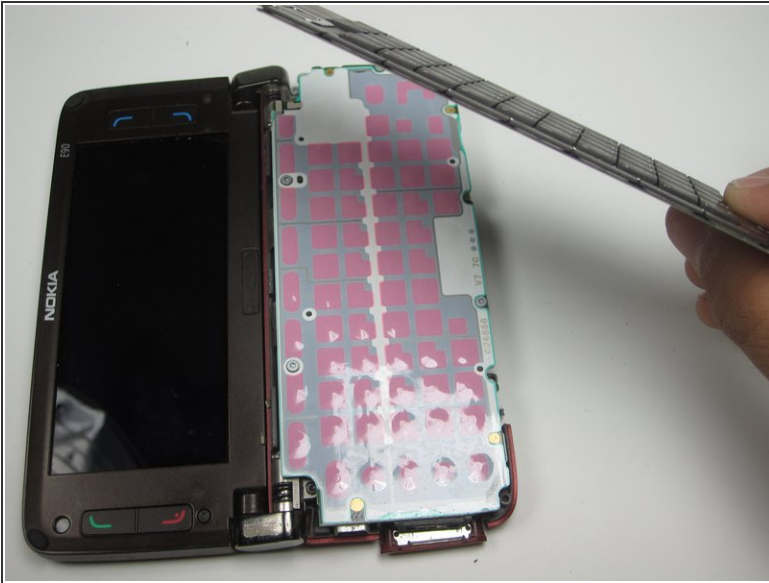
- Unscrew the indicated screws using the T5 screwdriver.

## Step 8



- Open the phone up and use the plastic opening tool to remove the cover to the keyboard.
- Be careful not to break the plastic during this step; do your best not to force anything.

## Step 9



- The button board will be loose once the cover is removed.
- Lift it up to reveal the sensor board.

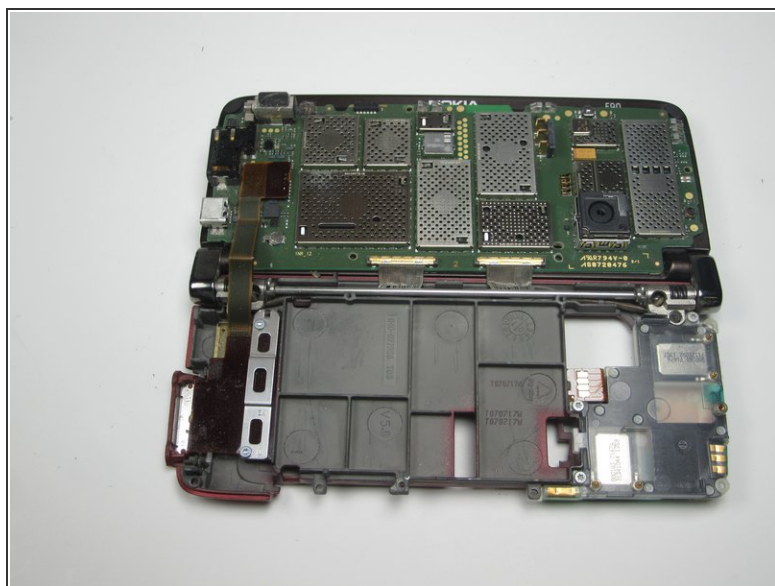
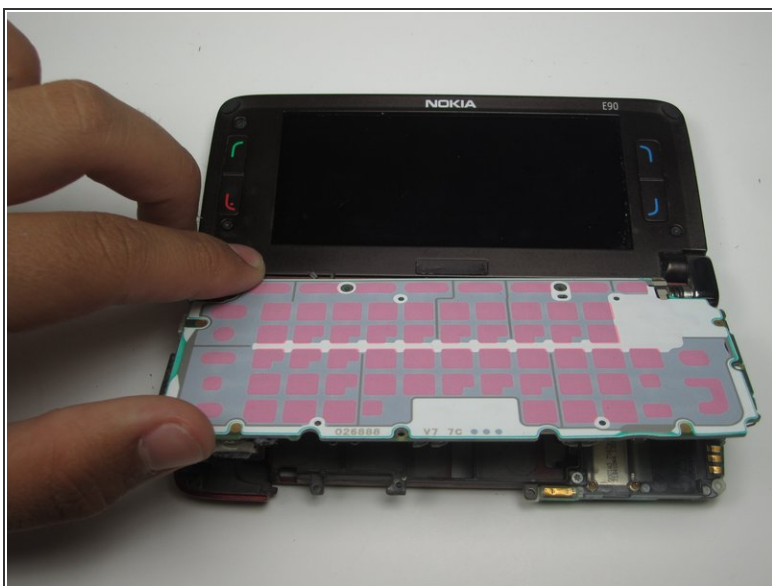
## Step 10



- With the T5 Screwdriver, remove the marked screws.

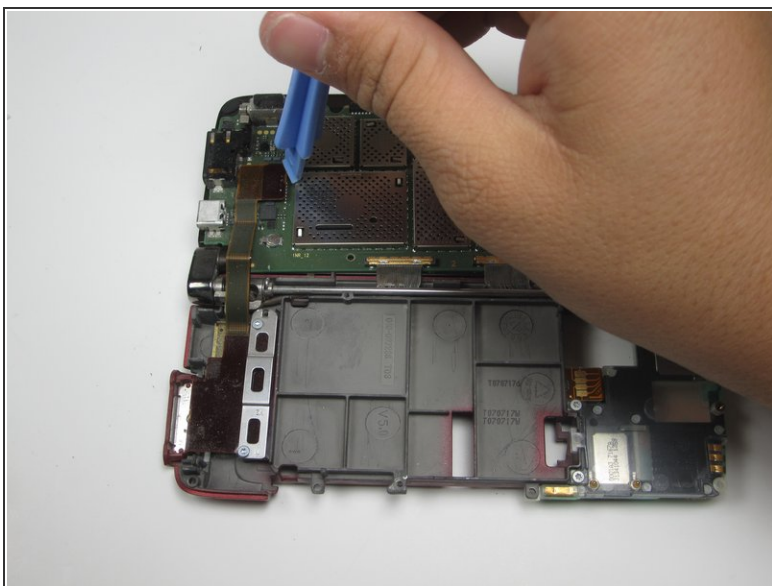


## Step 11



- With the screws removed, the sensor board should be free to flip up.

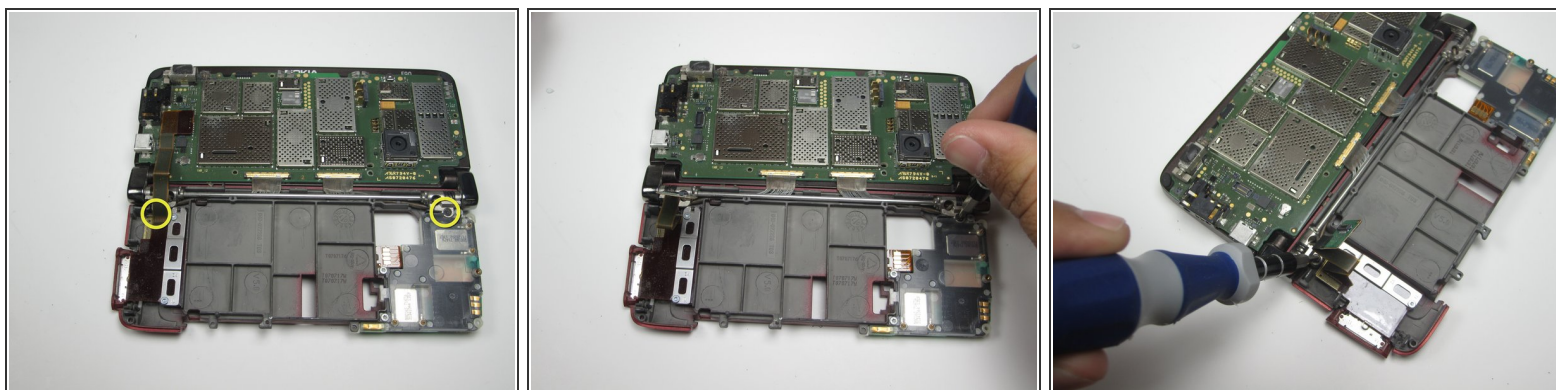
## Step 12



- Disconnect the wire with the plastic opening tool.



## Step 13



- Remove the screws marked.
- The Screw on the left is located underneath the cable.
- With those screws removed, the circuit board and sensor board will be detached from the rest of the phone.

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