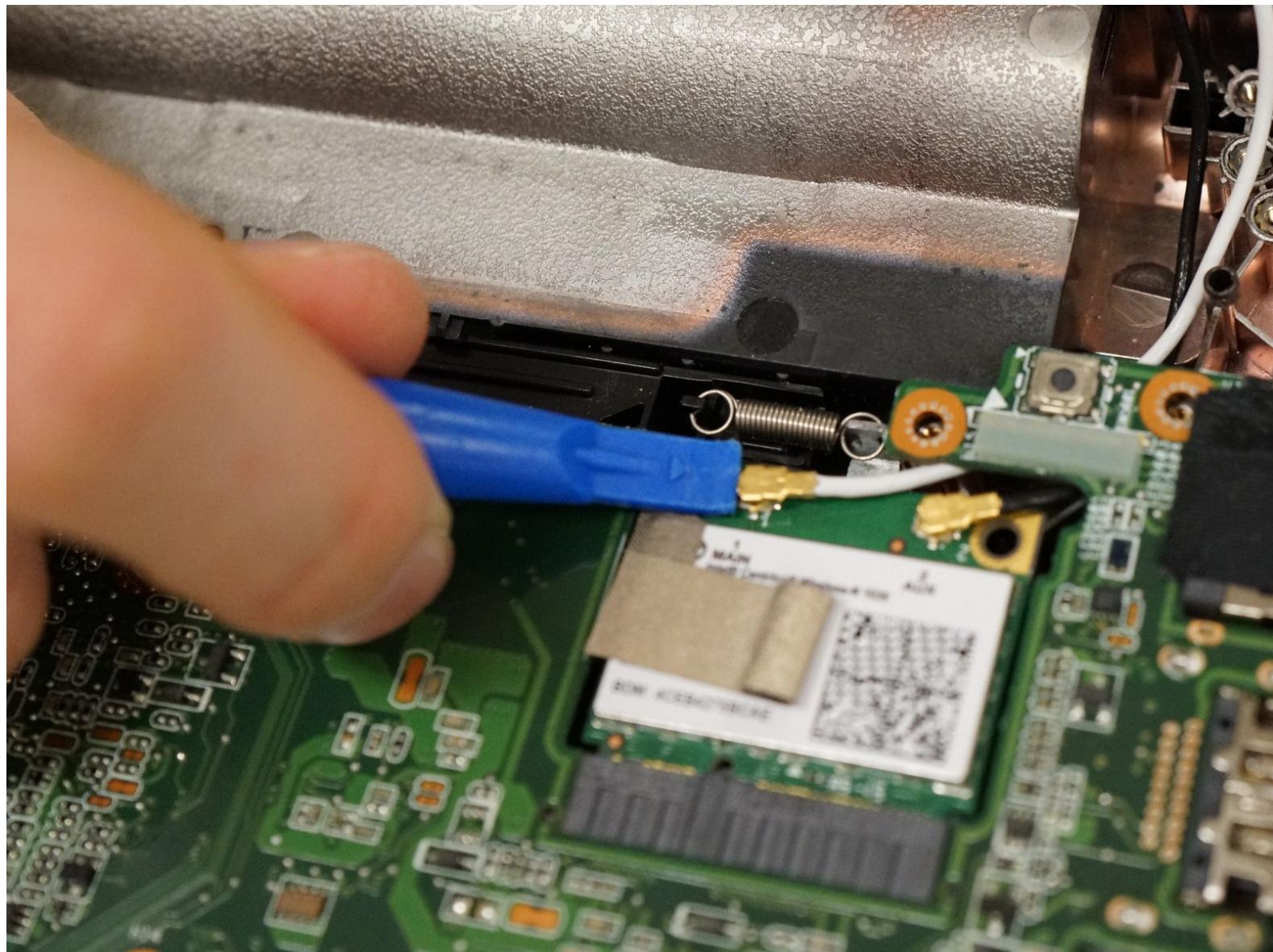




# ASUS U46E-RAL7 Screen Replacement

Screen replacement guide for the ASUS U46E-RAL7 Laptop.

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## INTRODUCTION

In this guide, the user will be able to follow step-by-step instructions for replacing the screen in his or her ASUS U46E-RAL7 Laptop.

### TOOLS:

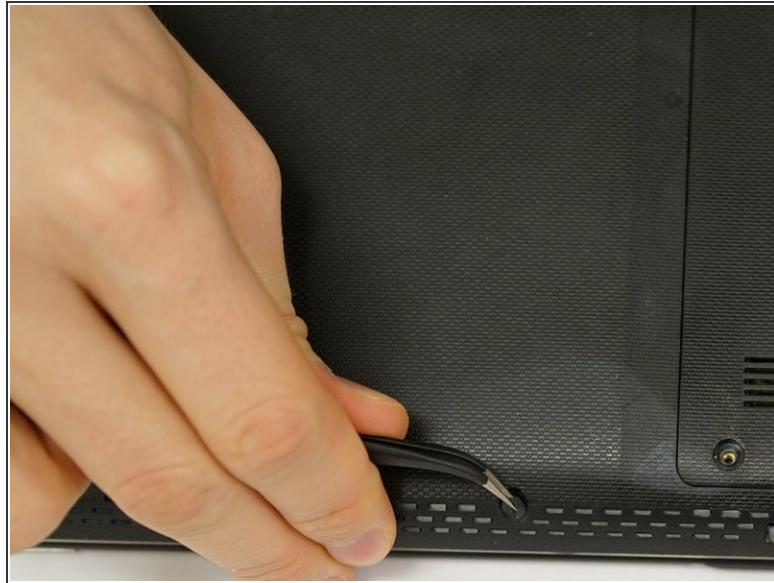
- [Phillips #0 Screwdriver](#) (1)
- [Tweezers](#) (1)
- [Spudger](#) (1)

## Step 1 — ASUS U46E-RAL7 Back Panel Removal Guide



- Remove two (2) 9mm x 4mm screws from the back panel with the size 0 Phillips head screwdriver.
- Remove two (2) 7mm x 4mm screws from the back panel with the size 0 Phillips head screwdriver.
- Remove six (6) 7mm x 4mm screws with the size 0 Phillips head screwdriver.
- Remove three (3) 3mm x 3mm screws with the size 0 Phillips head screwdriver.
- Remove one (1) 4mm x 4mm screws with the size 0 Phillips head screwdriver.

## Step 2



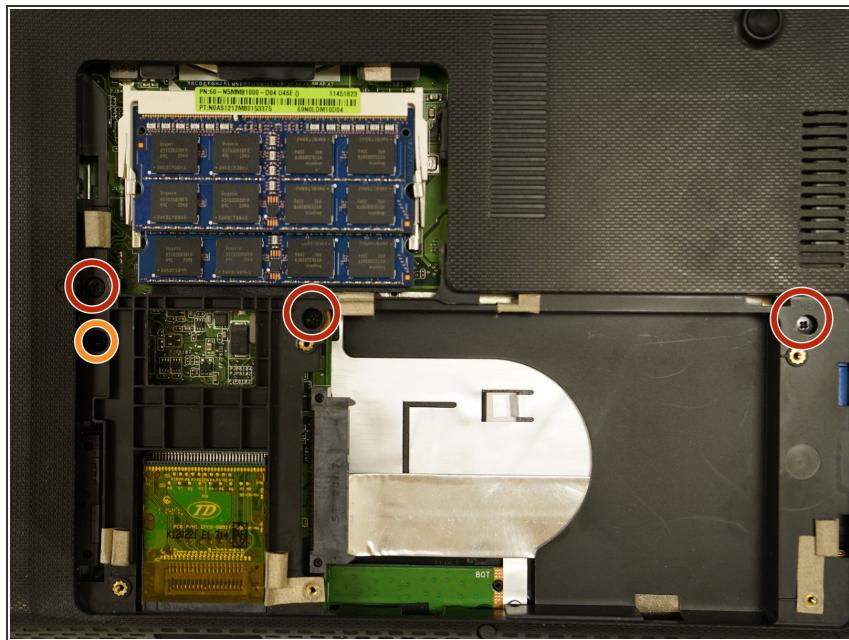
- Remove the rubber caps (4) with the tweezers. If the rubber caps are not removed easily, pull gently. The caps are glued down.
- Remove four (4) 7mm x 4mm screws with the size 0 Phillips head screwdriver.

## Step 3



- Remove the L shaped panel with the plastic opening tool by inserting it into the indent along the USB port side of the laptop.
- Push down gently on the plastic opening tool until part of the panel pops up.
- Use your fingers to pop the panel off.

## Step 4



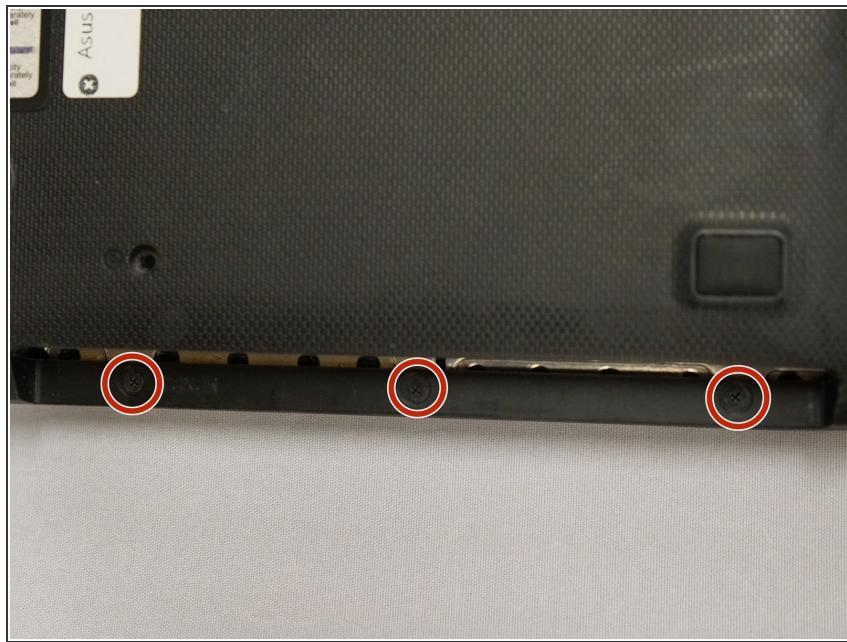
- Remove three (3) 5mm x 4mm screws with the size 0 Phillips head screwdriver.
- Remove one (1) 4mm x 4mm (closest to the battery) screw with the size 0 Phillips head screwdriver.

## Step 5



- Remove the CD ROM drive by inserting the plastic opening tool between the drive and the laptop's side.
- Push down gently to eject the drive.
- Pull the drive straight out to remove the part from the laptop.

## Step 6



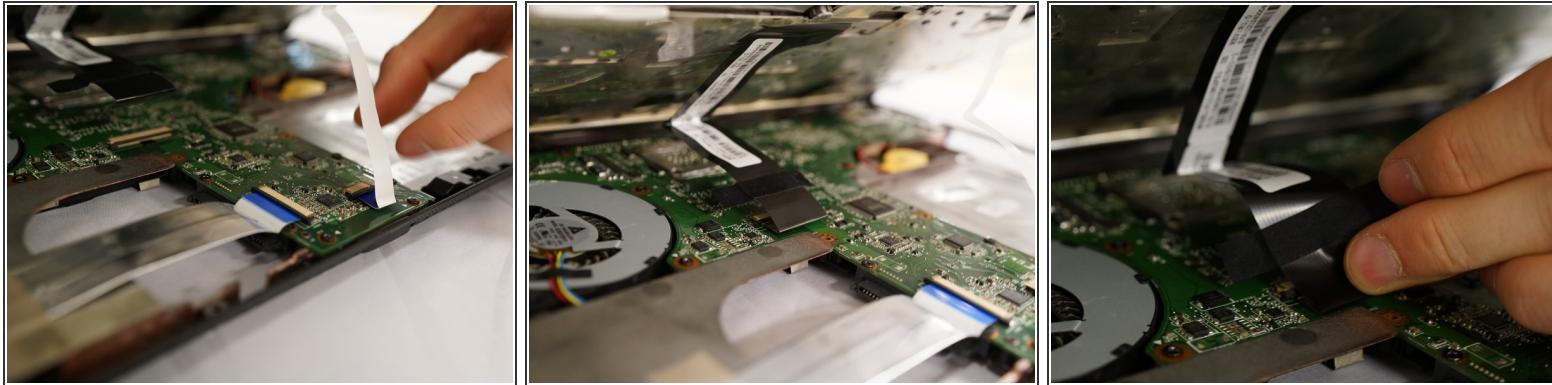
- Remove three (3) 3mm x 3mm screws with the size 0 Phillips head screwdriver.

## Step 7



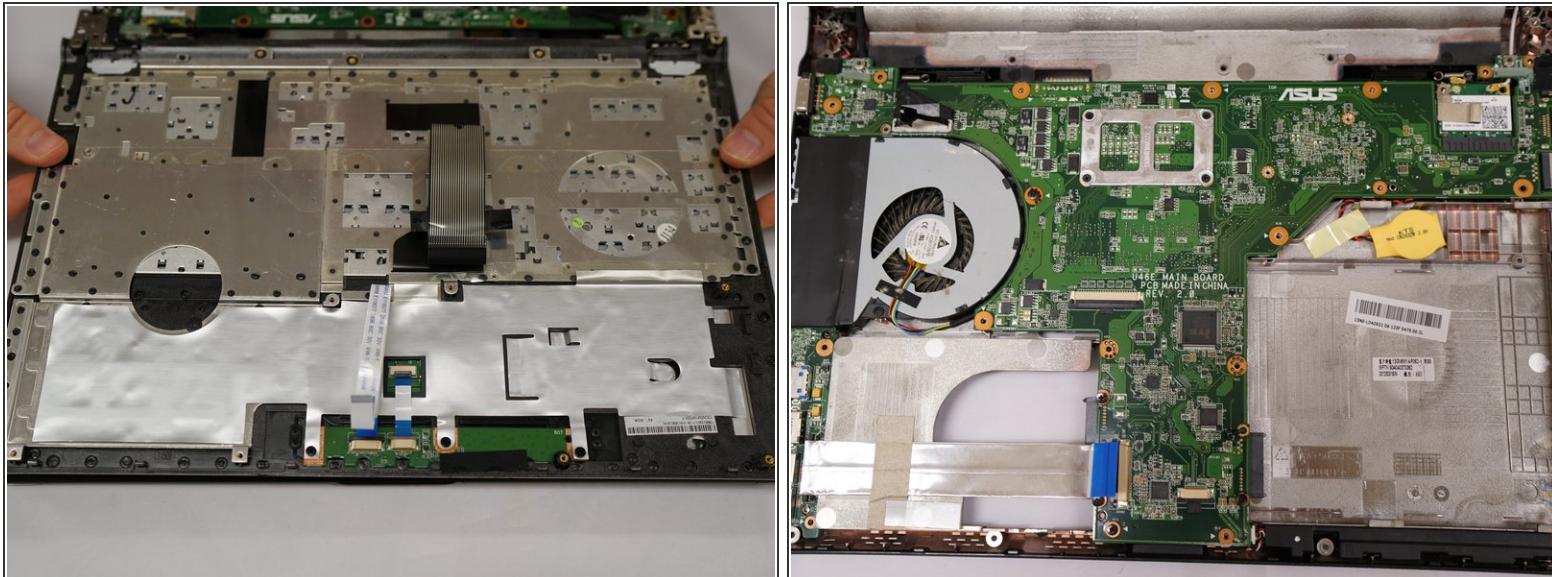
- Flip the device so that the laptop will open away from you to remove the hinge cover behind the screen.
- Place index fingers underneath the hinge cover and gently pull up.
- The cover will pop off easily with a click.
- Remove five (5) 5mm x 4mm screws from the hinge compartments of the device with the size 0 phillips head screwdriver.

## Step 8



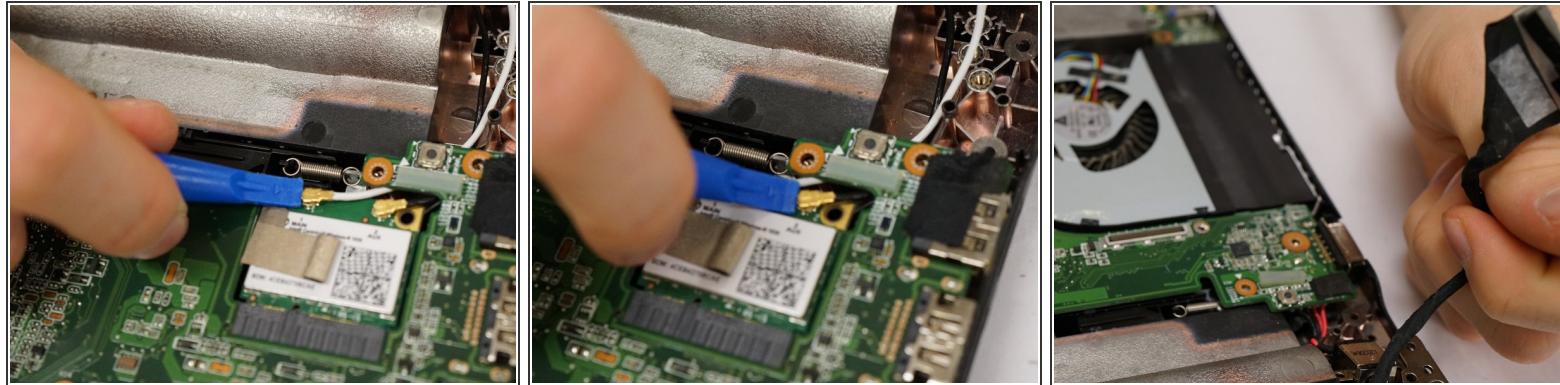
- Open the screen.
- Carefully lift the keyboard panel. The keyboard will be attached to the motherboard by two ribbons.
- To disconnect the ribbons, use your fingernails to push down gently on the protruding plastic at the base of the connector. There is a soft click and ribbon releases. Repeat for the other ribbon.

## Step 9



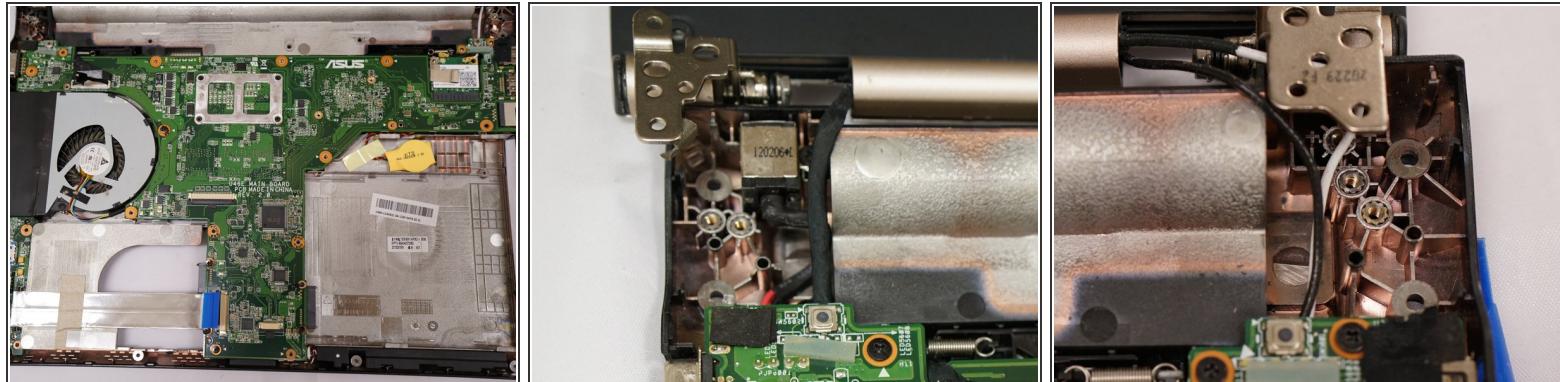
- Remove the keyboard from the computer to reveal the motherboard.

## Step 10 — Screen



- Use the straight tweezers to disconnect the wires attaching the screen to the main computer by pulling up gently. The computer screen should be open and away from you.

## Step 11



- Remove two (2) 5mm x 4mm screws from the upper right hand corner of the motherboard with the size 0 Phillips screwdriver.

## Step 12



- Remove one (1) 5mm x 4mm screw from the upper left hand corner of the motherboard with the size 0 Phillips screwdriver.

## Step 13



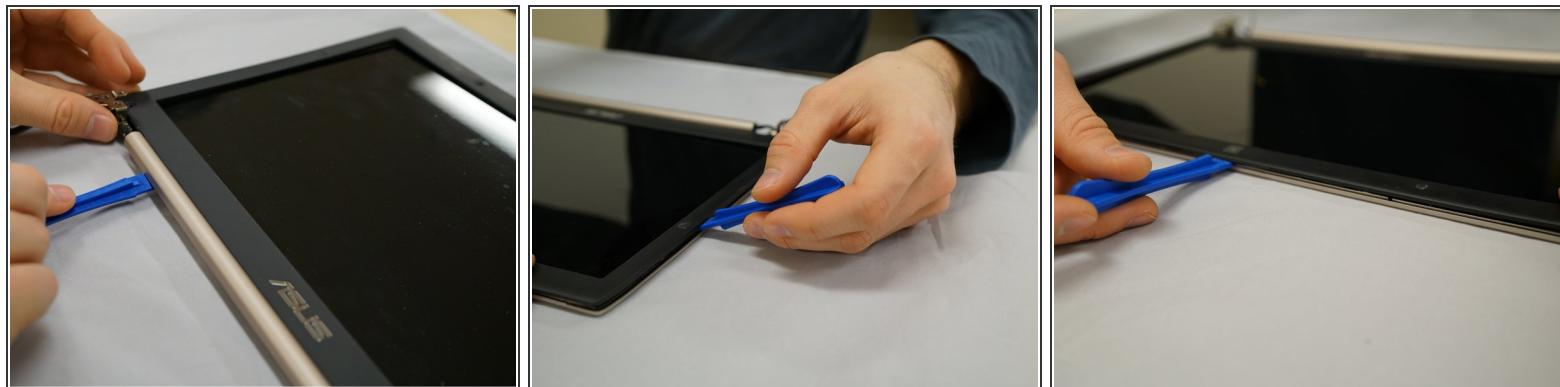
- Lift up the corner of the motherboard on both sides and disconnect the wires connecting the screen by pulling gently.

## Step 14



- Use tweezers to remove both plastic screw cover.
- Remove two (2) 5mm x 4mm screws with the size 0 Phillips screwdriver.

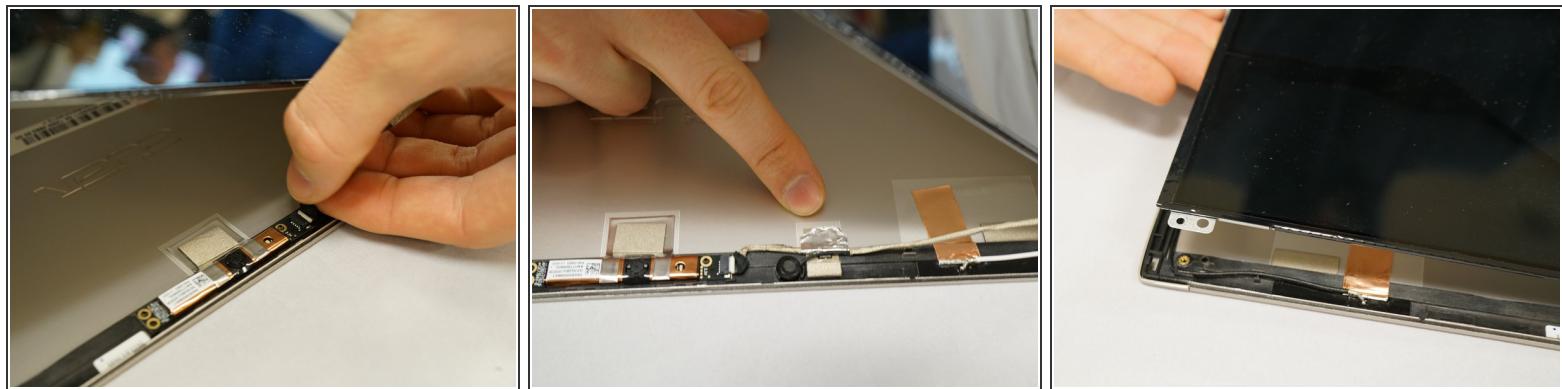
## Step 15



- With the hinges facing towards you, use the plastic opening tool to pry up next to the hinges and work all the way around the screen.

**⚠** The casing will be difficult to separate. The clips secure the casing together and may break as you remove the casing.

## Step 16



- Remove the 4 pin connecter from behind the screen.
- Lift up the LCD screen. Remove and pull away the tape as you lift the screen out. Screen will pull away easily once the tape is removed.

## Step 17



- Lift the screen away from the back holder.

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