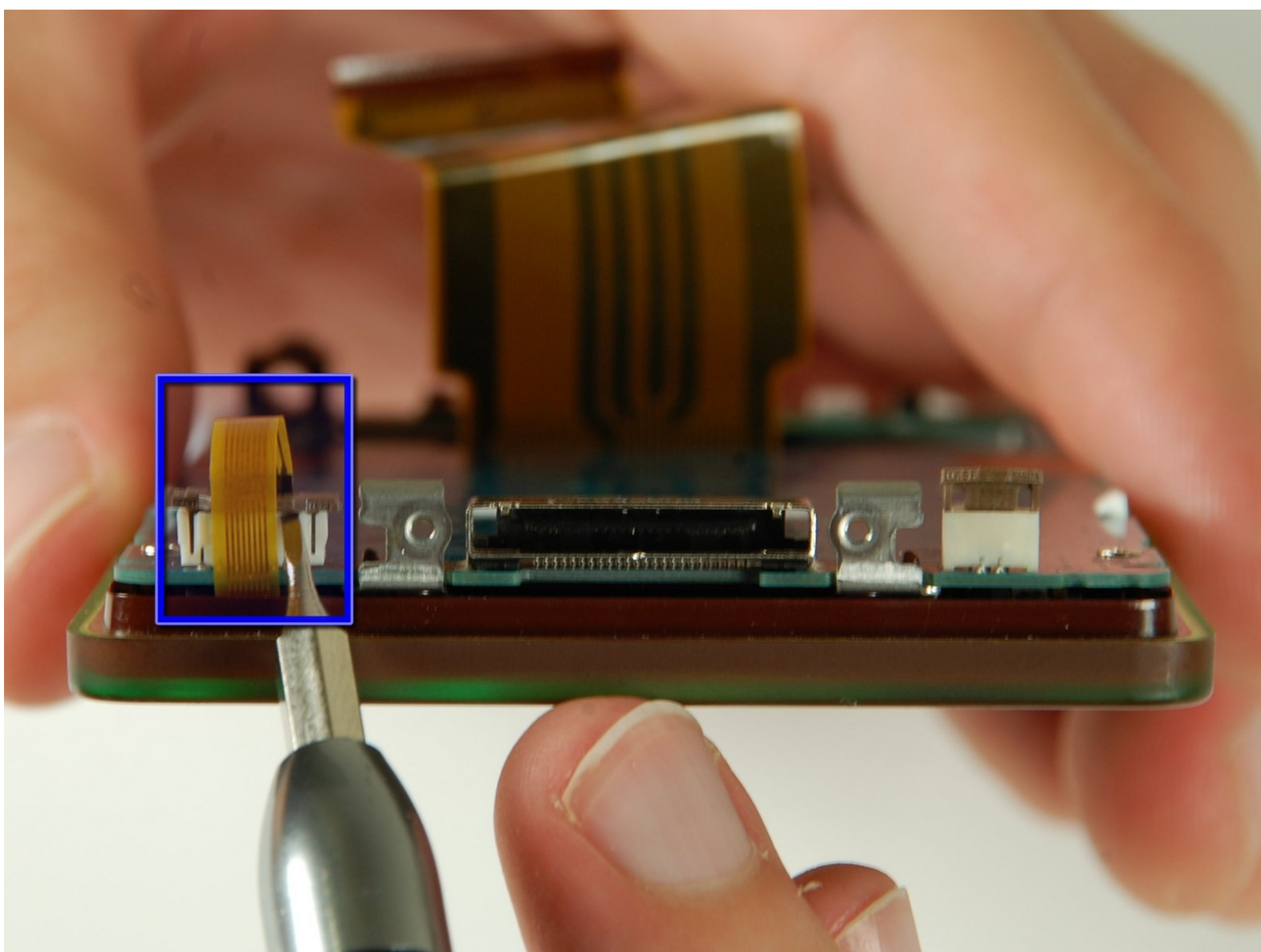




# Microsoft Zune 30 GB Logic Board Replacement

Written By: Steiny



## INTRODUCTION

Remove the button pad ribbon cable and unscrew the logic board from the front screen of the Zune.



### TOOLS:

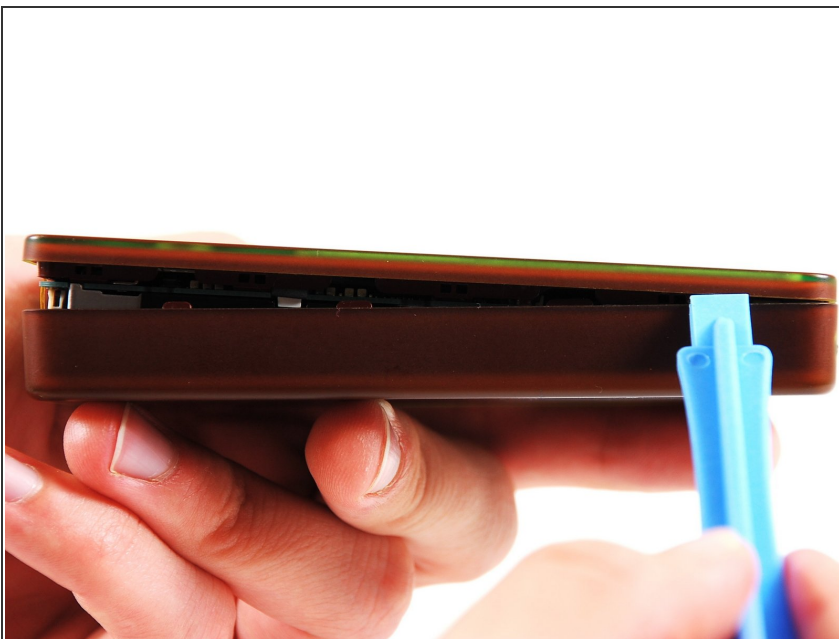
- [Phillips #00 Screwdriver](#) (1)
  - [Flathead 3/32" or 2.5 mm Screwdriver](#) (1)
-

## Step 1 — Back Case



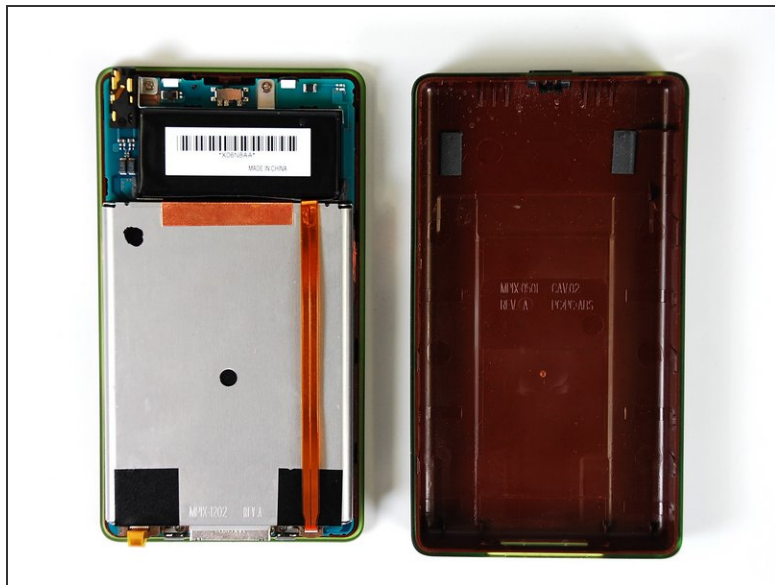
- Remove the plastic screw cover located on the bottom of the device. Insert a small flat-headed screwdriver into one side of the cover and gently ease it out. Repeat on the other side.
- ⓘ Be gentle when removing the screw cover as it is brittle and will break if forced.
- You will need a #00 Phillips screwdriver to remove the two 2.6 mm screws that are exposed.

## Step 2



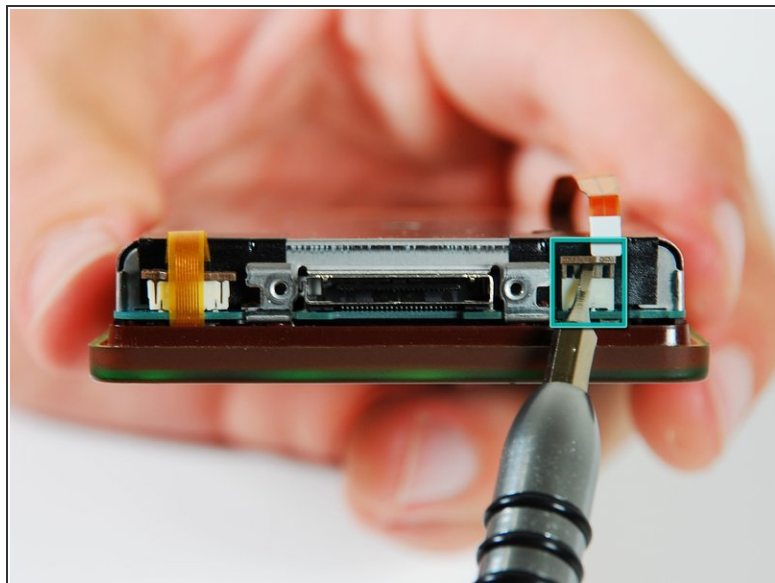
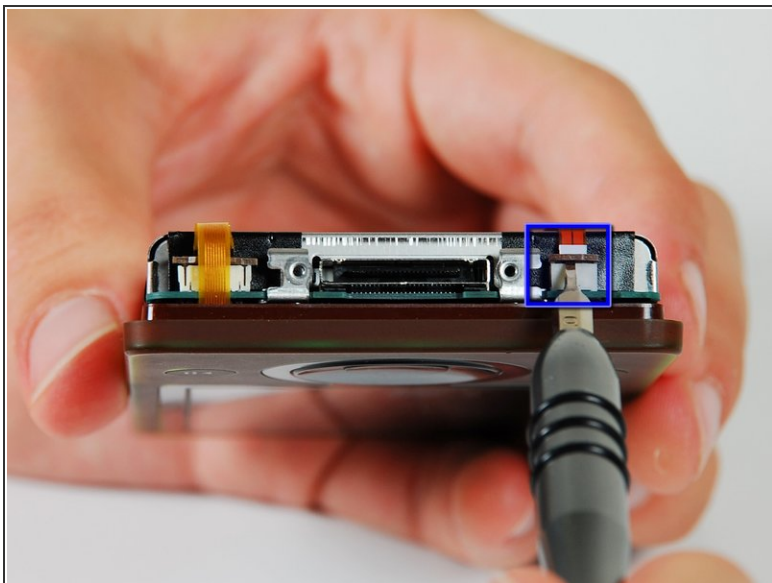
- Use the blue plastic opening tool to slowly work your way around the edges of the case, releasing the front plate from the bottom case.
- ⚠ Be gentle when prying the device open.

## Step 3



- Turn the Zune over so the screen faces downward. This will ensure the battery does not fall out and pull on the cable.
- ⚠ The battery is not fastened to the inside of the case. It will fall out.
- Pry up from the bottom of the Zune because the headphone jack will not allow you to remove the back case in one pull. You must slide the case up and away from the rest of the Zune.
- ℹ The case is now separated. You can replace the case, if needed.

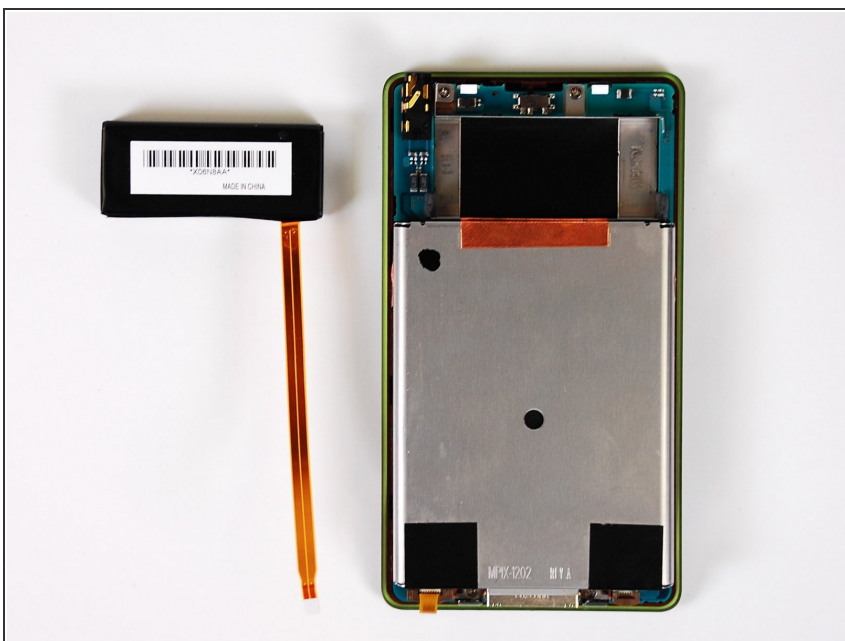
## Step 4 — Battery



- ✦ With the Zune facing down, as pictured, the battery ribbon cable is attached to the bottom right hand side of the logic board.

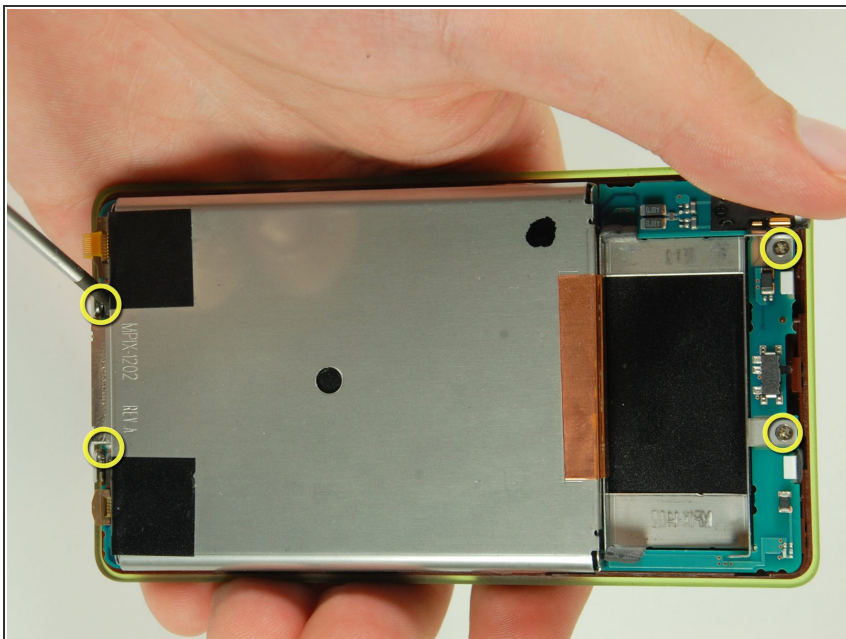
- Use the small flat head screw driver to gently lift the brown clamp.
- The clamp will release the battery ribbon cable from the logic board, freeing the battery.

## Step 5



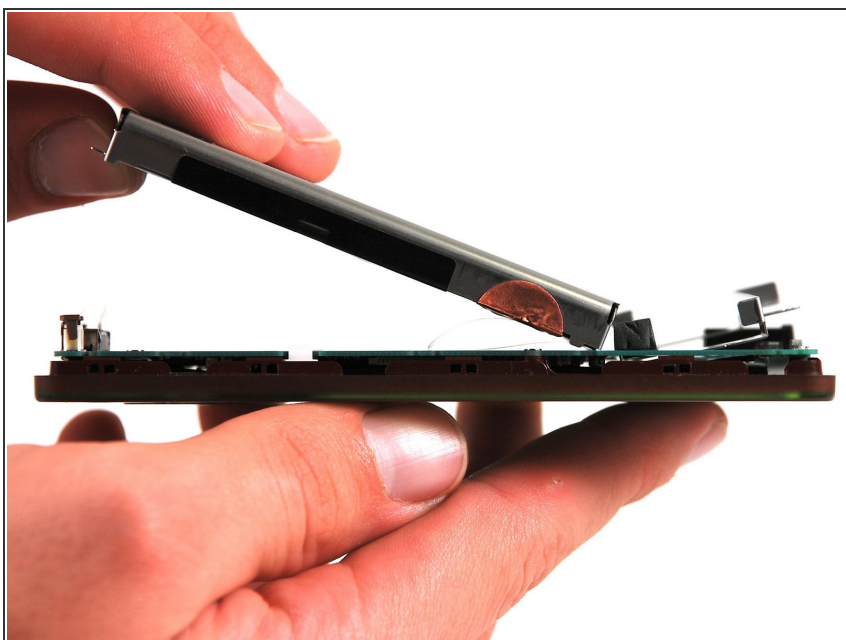
- You can now replace the battery.
- ⓘ The battery is a Lithium ion 3.7 V.

## Step 6 — Hard Drive



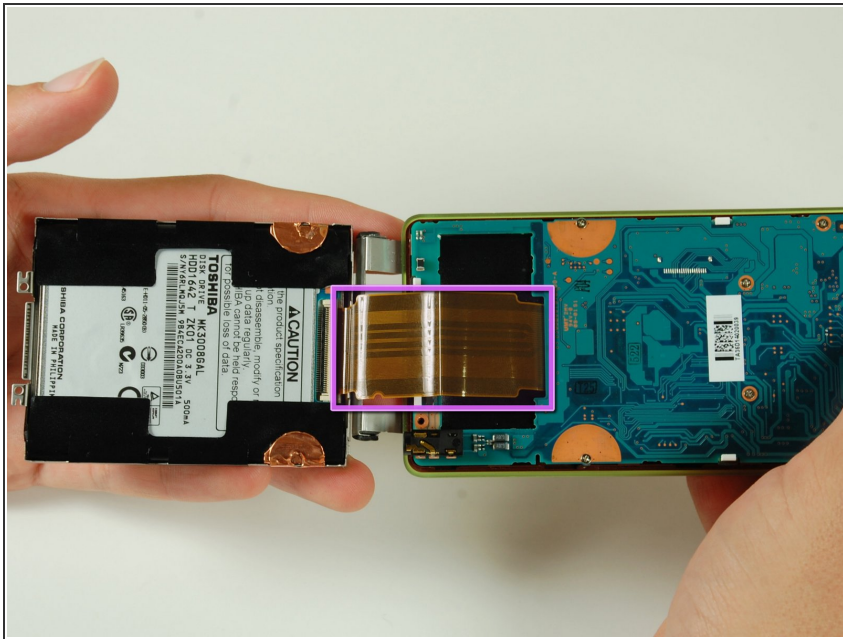
- Now the back cover is off and the battery is removed, so the hard drive is clearly visible.
  - There are four 4.2 mm screws securing the hard drive to the logic board.
  - Remove all four screws using a Phillips #00 screwdriver.
- ⚠ Don't lose any of the screws! If necessary, use a magnetized screw driver.

## Step 7



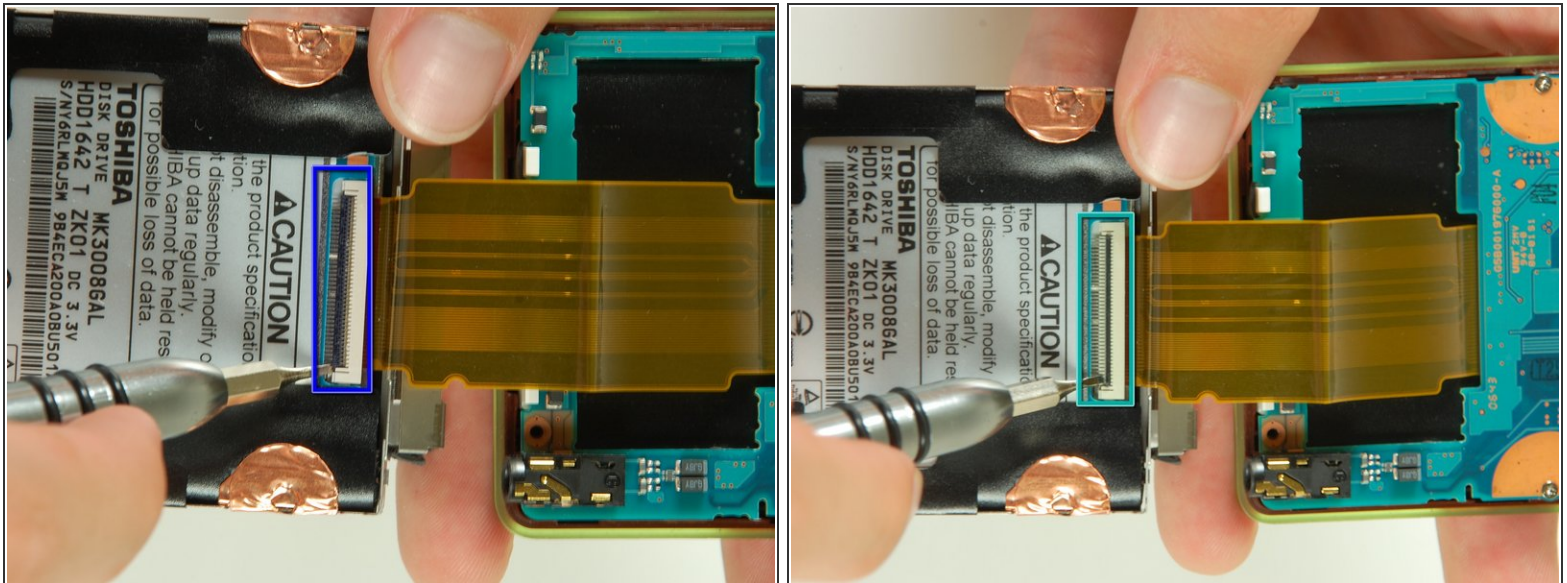
- Carefully tilt the hard drive up from the logic board.
- ⚠ Do not pull the hard drive all the way off. It is still connected to the logic board by a ribbon cable.


## Step 8




- Flip the hard drive over the top to expose the ribbon cable.

## Step 9



 This may be difficult to move, so take your time and be careful.

- The ribbon cable is held in place by a black latch on the hard drive.
- Using a small flat head screwdriver, flip the black latch up 90 degrees.

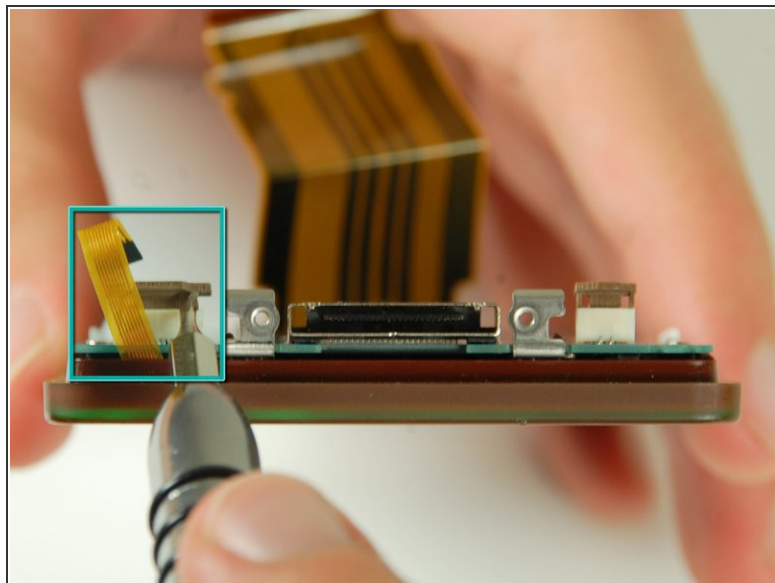
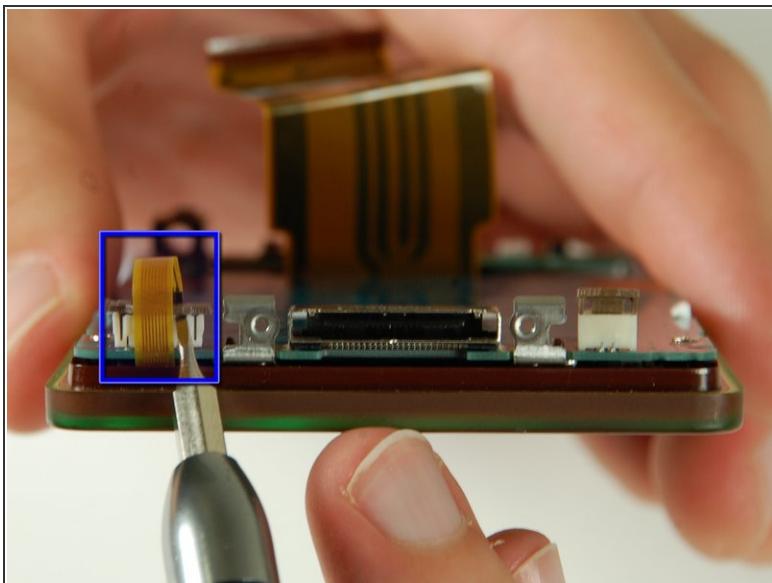
 Make sure you are only flipping the black latch. Do not try to lift any wires or the white connector piece.

## Step 10



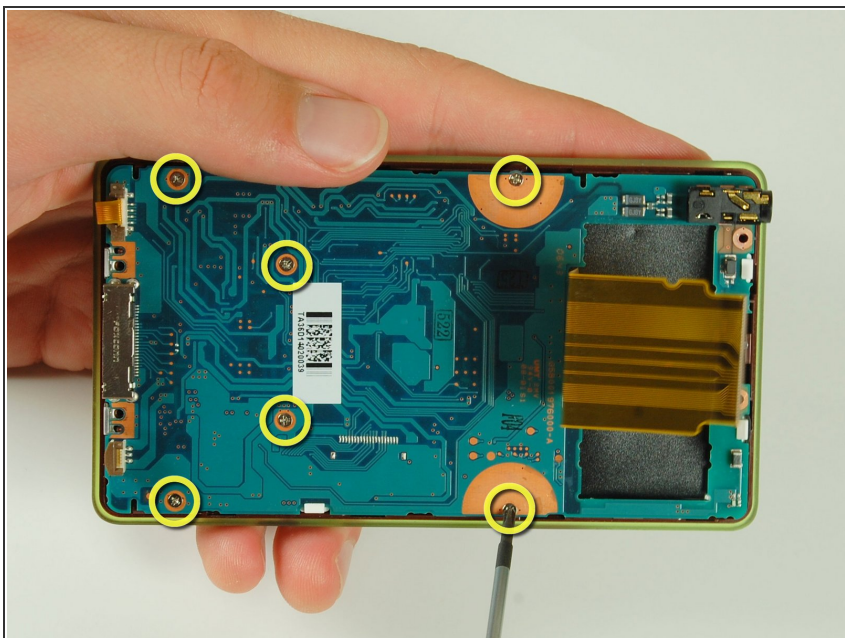
- Carefully detach the ribbon cable from the hard drive.
- Now you have completely detached the hard drive.

## Step 11 — Logic Board



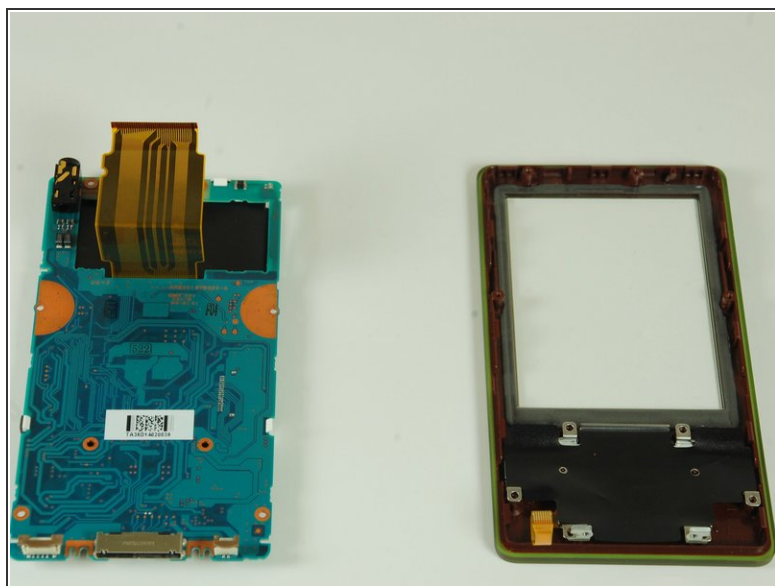
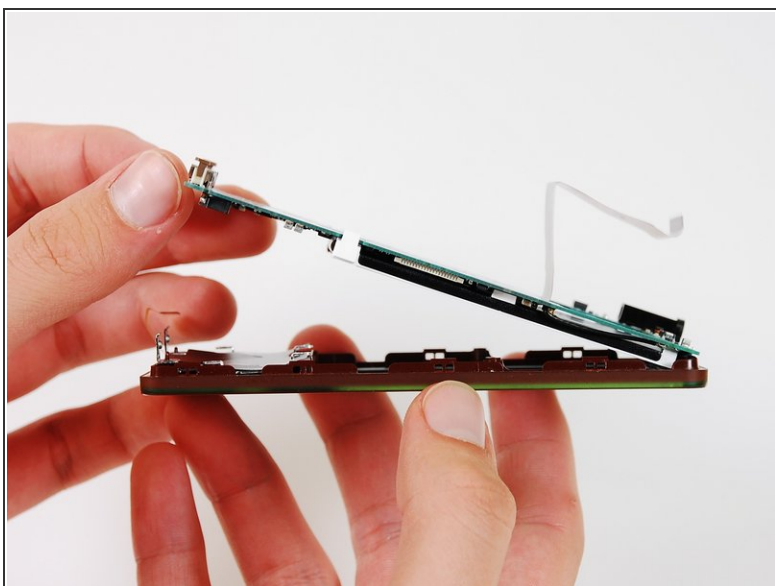
- The ribbon cable for the button sensor pad is attached with a small clamp to the bottom left corner of the logic board.
- Use a small flathead screwdriver to lift the brown clasp and remove the ribbon cable.

## Step 12



- With a Philips #00 screwdriver, remove the six 4.2 mm screws that attach the logic board to the front plate.

## Step 13



- Carefully lift the logic board off of the front plate.
- ⓘ The button pad is free underneath and can fall out. Make sure to place it in a secure place.
- The logic board is now free.
- Follow the [LCD](#) repair guide to detach LCD display from logic board.

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