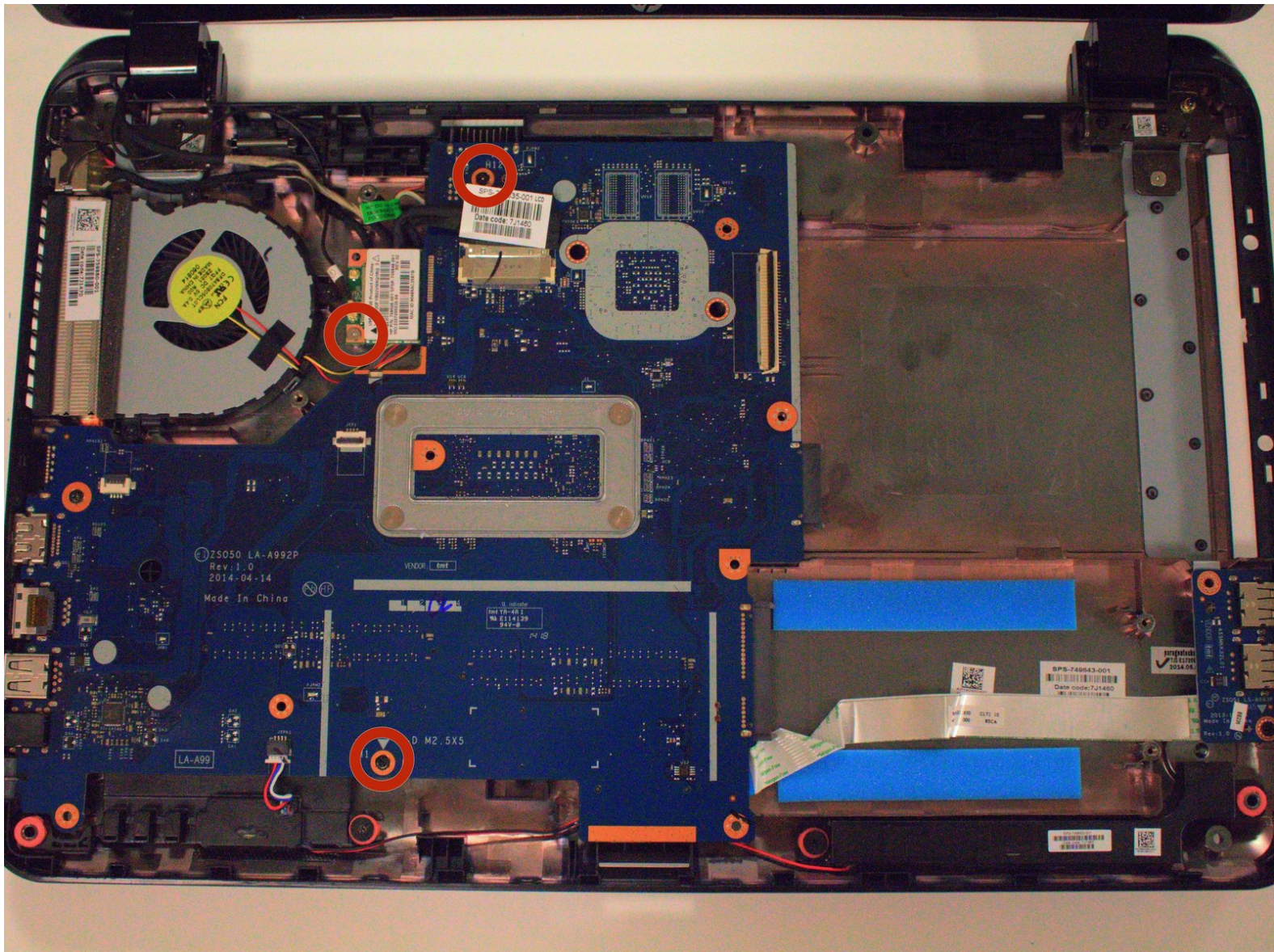




HP TouchSmart 15-r015dx Motherboard Replacement

This guide will show you how to replace your HP TouchSmart 15 motherboard.

Written By: Christopher Gonzalez



INTRODUCTION

The HP TouchSmart 15-r015dx has a standard laptop motherboard.



TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
-

Step 1 — Battery



- ⓘ Turn off your laptop.
- ⚠ Ensure your laptop is off. Removing the battery while it is on may harm your laptop or yourself.
- Flip over to view the bottom of the laptop in order to gain access the battery and the DVD±RW Drive.

Step 2



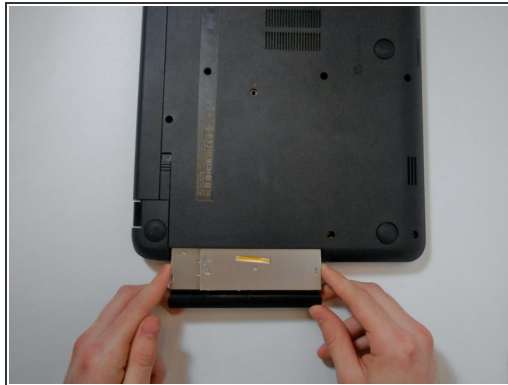
- There are two battery release switches circled, slide both switches inward to release the battery.
- Remove the battery

Step 3 — DVD±RW Drive



- There is one screw holding the DVD±RW Drive in place. Use the #00 screwdriver to remove the screw.

Step 4



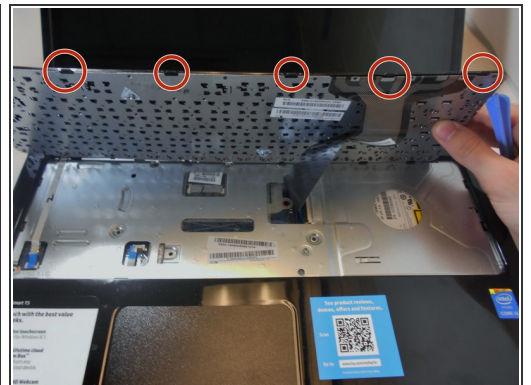
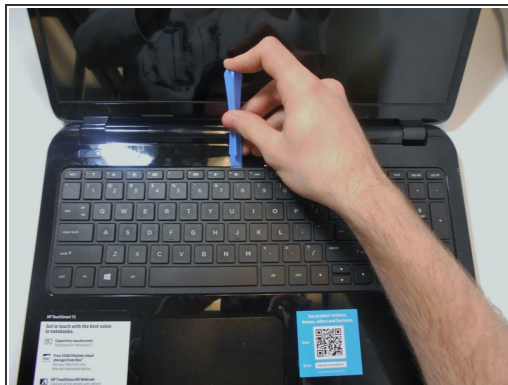
- The DVD±RW Drive is here.
- Remove the DVD±RW Drive by gently pulling it straight out.
- After removal of the DVD±RW Drive, two screws are exposed and must be removed with the #00 screwdriver.

Step 5 — Keyboard



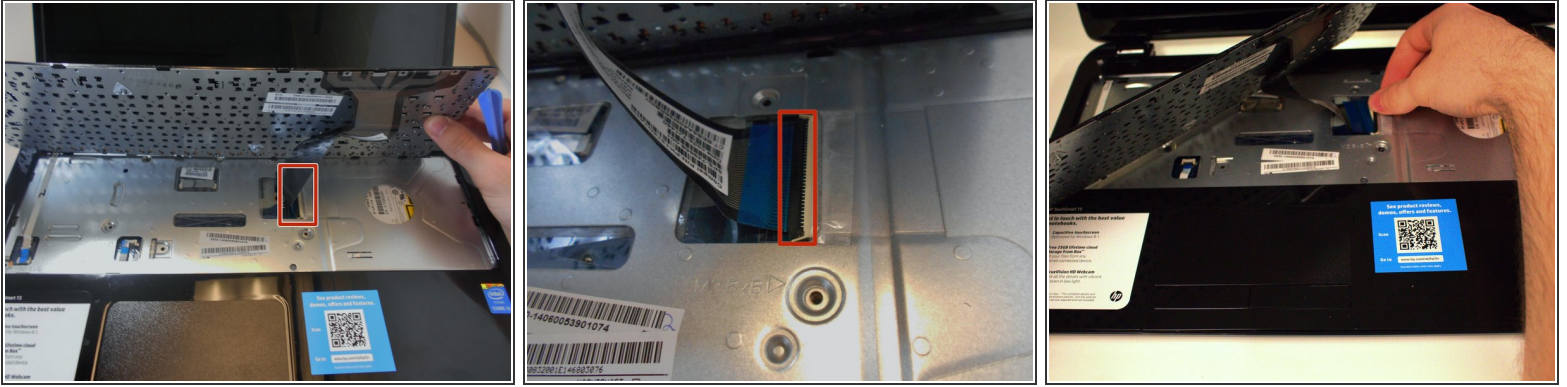
- Remove the two screws securing the keyboard. Remove these with the #00 screwdriver.
- ⓘ One of the screws lies on/under the label.

Step 6



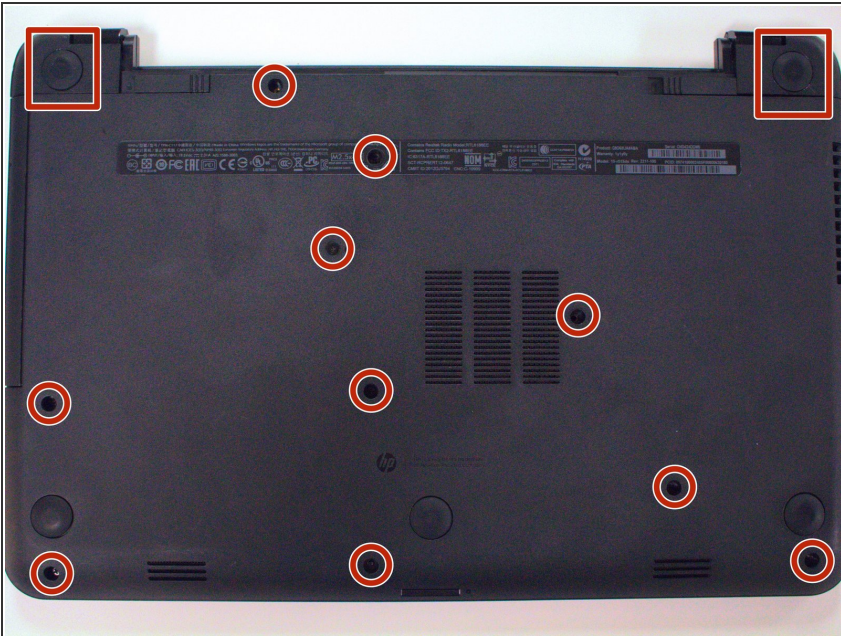
- Flip the laptop over to view the top and lift the screen up.
- There are sixteen clips holding the keyboard in place. Gently pry the keyboard up using your plastic opening tool.
- ⚠ Don't pull the keyboard up more than 2-3 inches as there is a film-material connecting the keyboard to the laptop.

Step 7



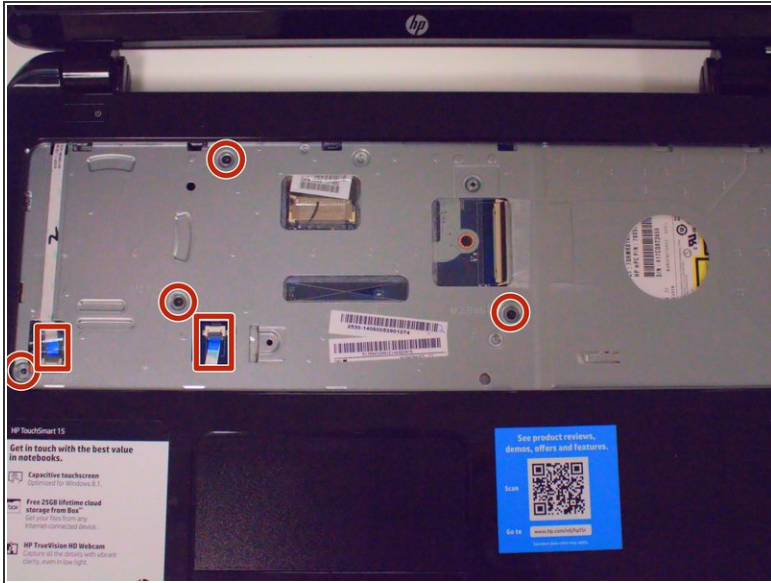
- i There is a small black latch holding the film-material in place.
- Flip the black latch up to release the film-material. Once flipped up, simply pull the film-material out from the laptop to release the keyboard.

Step 8 — Hard Drive



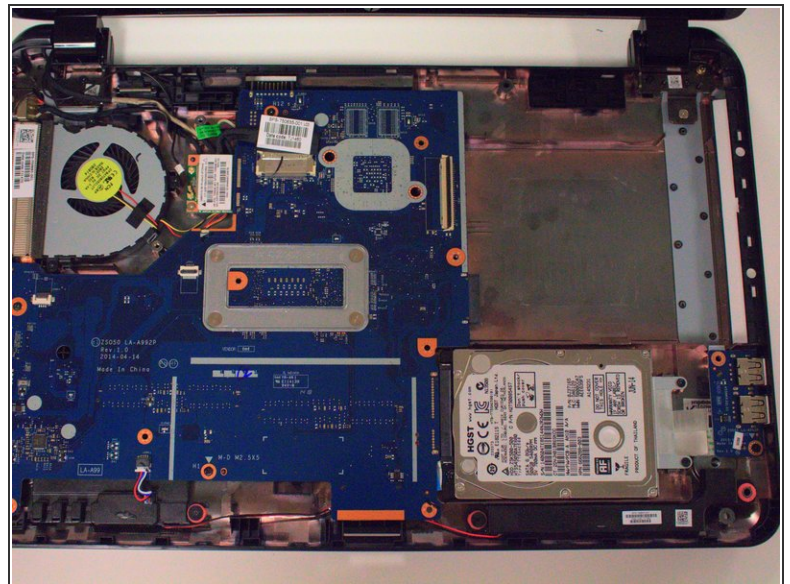
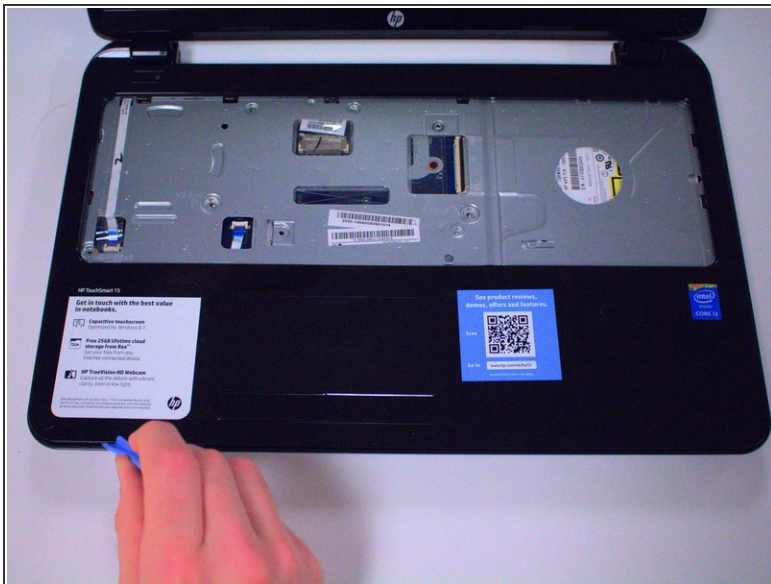
- Remove all the screws with the #00 screwdriver.
- i There are 2 screws located underneath the covers.

Step 9



- Flip your laptop over and open it.
- There are four screws needing to be removed and two wires that need to be unplugged before removing the base of the laptop.

Step 10



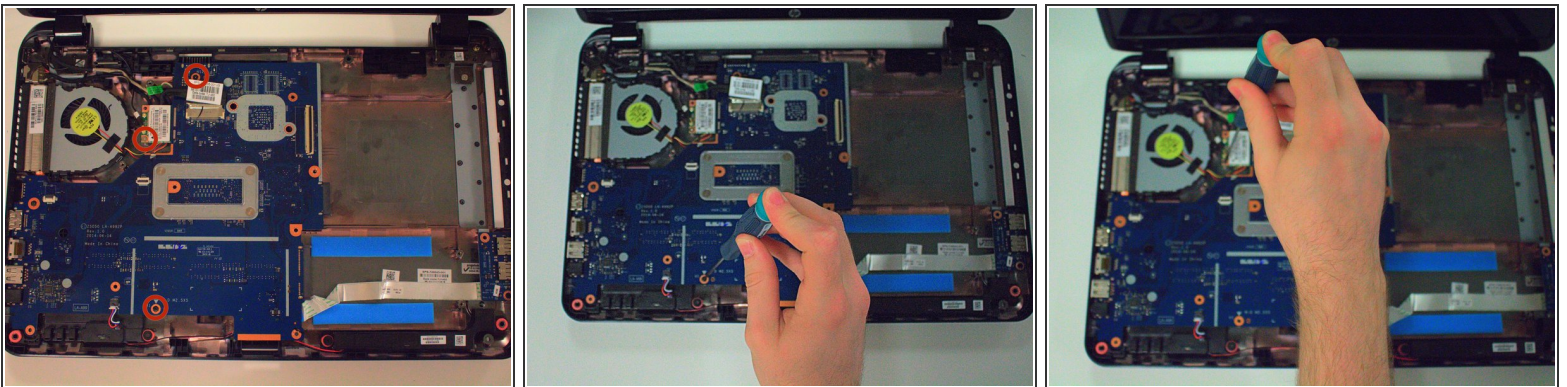
- Use your plastic opening tool to pry the base of the laptop off.

Step 11



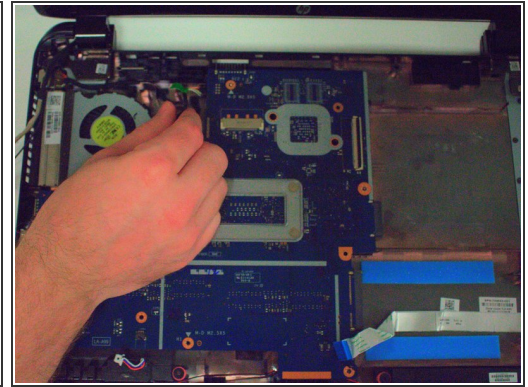
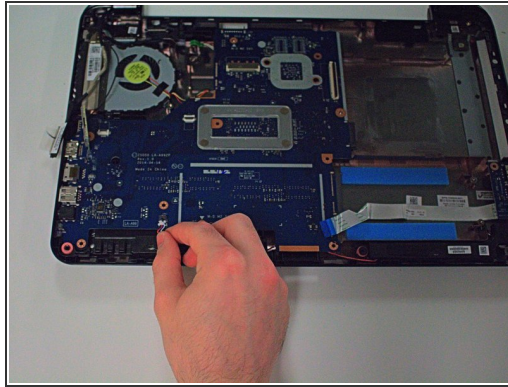
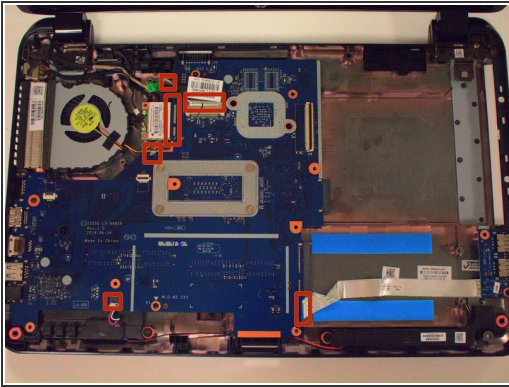
- There are two screws holding the hard drive in place. Remove these screws with the #00 screwdriver.
- Remove the hard drive by pulling it to the right like shown.

Step 12 — Motherboard



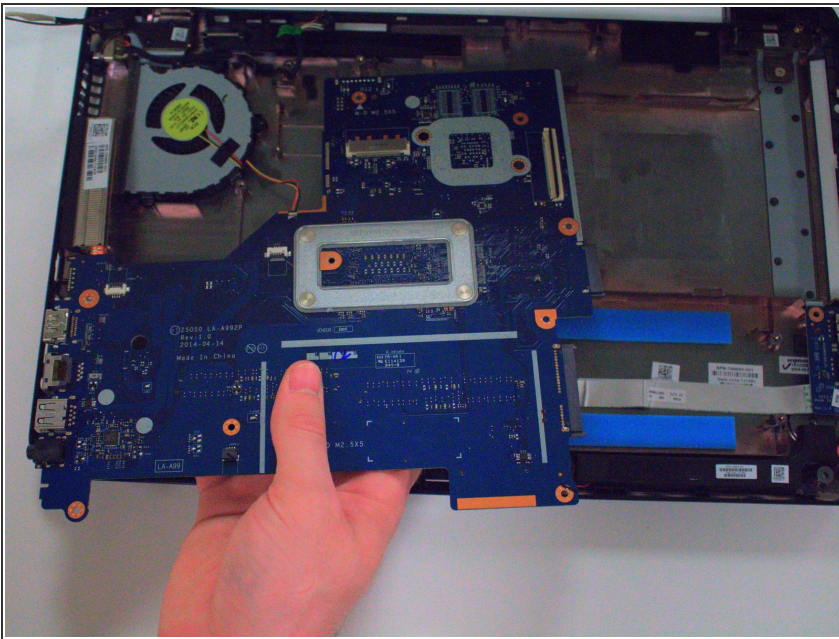
- There are 3 screws holding the motherboard in place.
- Unscrew the screws to release the motherboard.

Step 13



- There are several wires that need to be disconnected from the motherboard.
- Remove the wires carefully.

Step 14



- After removing all the wires, pull the motherboard out.

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