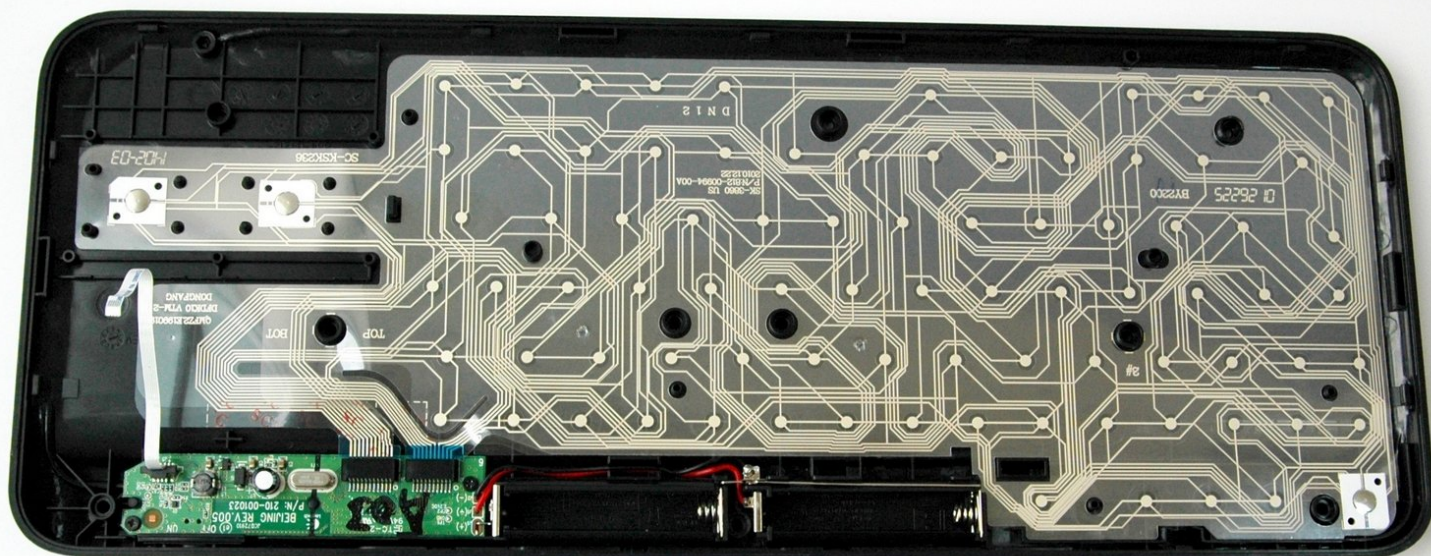




# Logitech Harmony Smart Keyboard Key Printed Circuit Board (PCB) Replacement

This will instruct you to remove and replace the Keyboard Printed Circuit Board (PCB) for the Logitech Harmony Smart Keyboard.

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## INTRODUCTION

This is a replacement guide for the Logitech Harmony Smart Keyboard's key printed circuit board.

The keyboard printed circuit board (PCB) sends messages to the wifi and transmits key data to the server.

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### TOOLS:

- [Spudger](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
  - [ESD Safe Tweezers Blunt Nose](#) (1)
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## Step 1 — Back Panel



- Turn keyboard over to the backside.

## Step 2



- Press and slide up on the upper battery latch, using both thumbs.



### Step 3



- Remove the two AA batteries and set them aside.

### Step 4



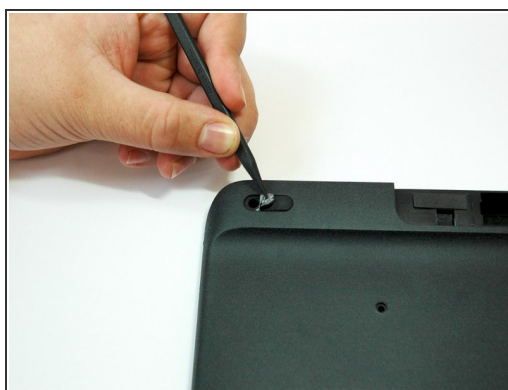
- Unscrew all five 4.0 mm screws, using Phillips #1 screwdriver.

## Step 5



- Peel off the center sticker to reveal two hidden 4.0 mm screws.
- Unscrew these two screws with a Phillips #1 screwdriver.

## Step 6



- Lift both top left and top right rubber stickers halfway, using the sharp end of the plastic spudger.
- Unscrew a total of two 4.0 mm screws, under the rubber stickers, using a Phillips #1 screwdriver.

## Step 7



- Unscrew the top center 4.0 mm screw, in the battery compartment, using the Phillips #1 screwdriver.

**i** Now, you should have a total of ten 4.0 mm screws set aside.

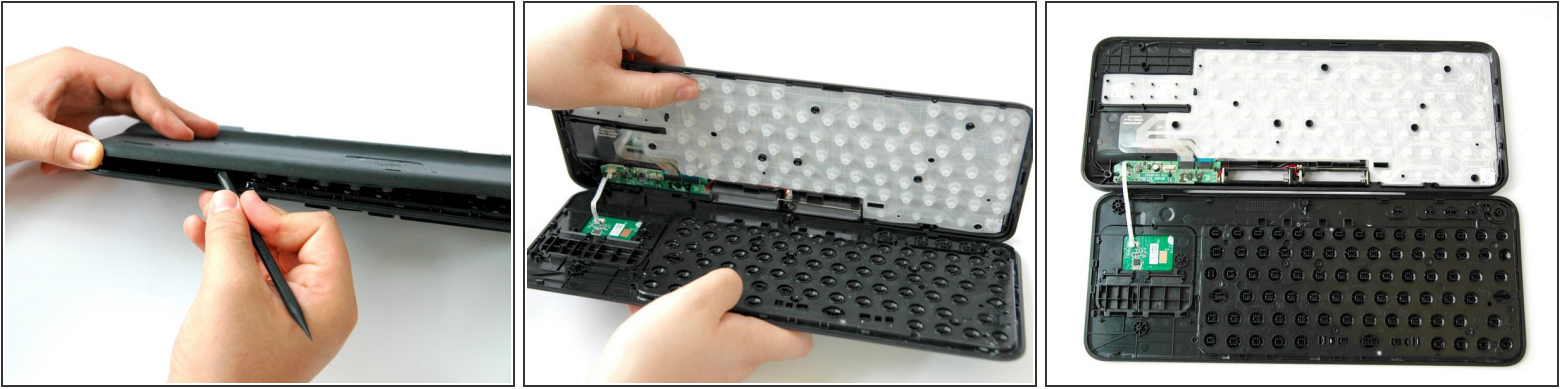
## Step 8



- Wedge the flat end of the spudger between the back panel and front panel.
- Slide the flat end of the spudger from right to left to pry the two panels apart.



## Step 9



- Separate the back panel from the front panel completely, using both hands.

**i** A white ribbon flex cable will remain connected to both panels.

**!** Pull the panels apart slowly and gently, or the white ribbon flex cable may be unsafely removed.

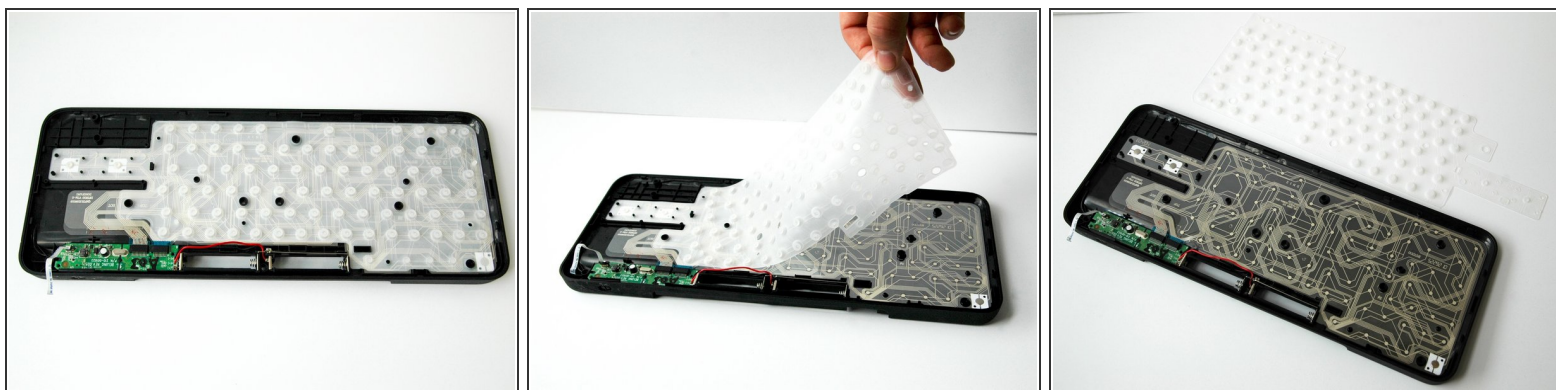
## Step 10 — Keyboard Printed Circuit Board (PCB)



- Grip the lower end of the ribbon flex cable (white band) using your thumb and index finger.
- Then slide the strip out toward yourself in a scooping motion.

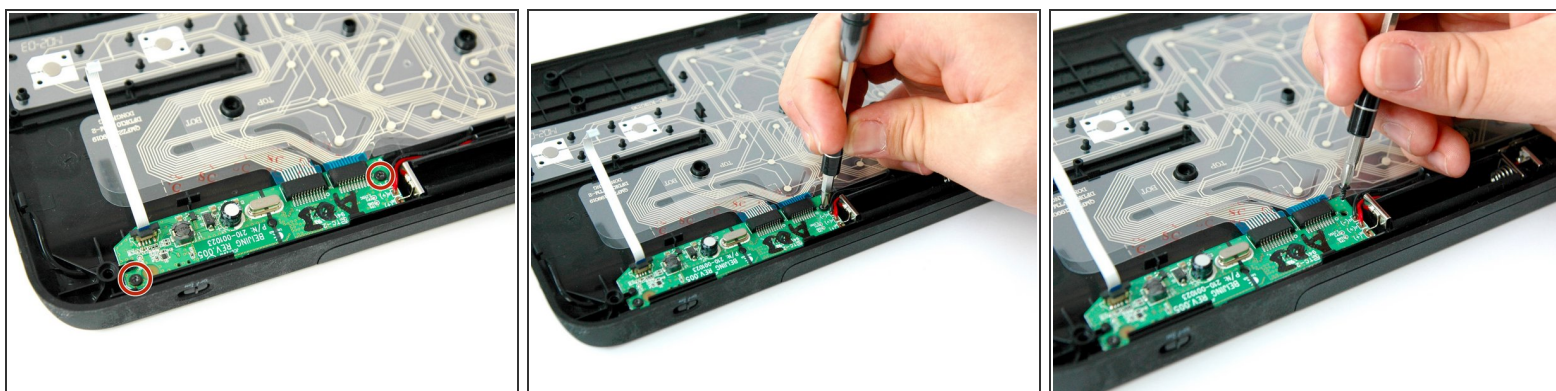
**i** Now, you should have two completely separated panel pieces.

## Step 11



- Lift and remove the white rubber sheet that lays over the keyboard pet flexible PCB.

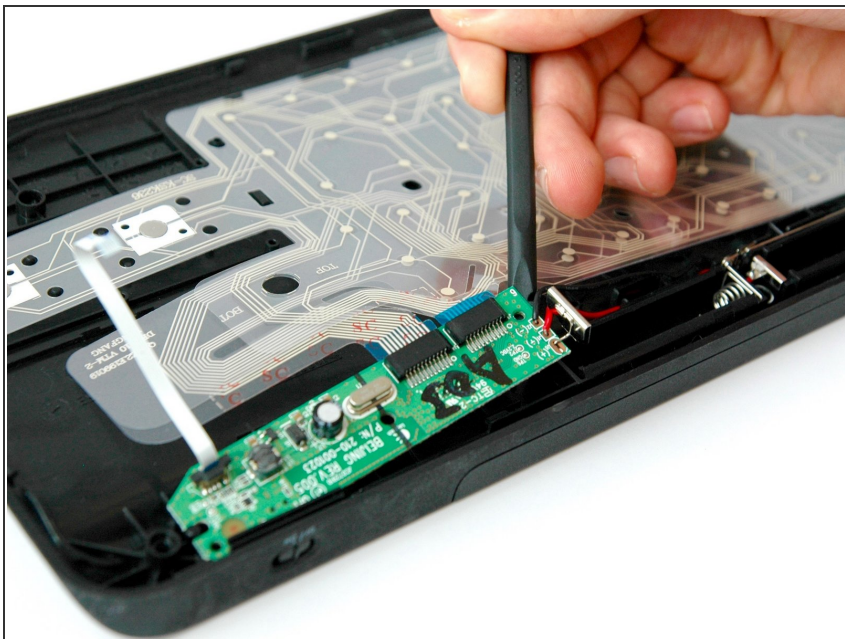
## Step 12



- Unscrew the two 4.0 mm screws on either side of the green card using a Phillips #1 screwdriver.

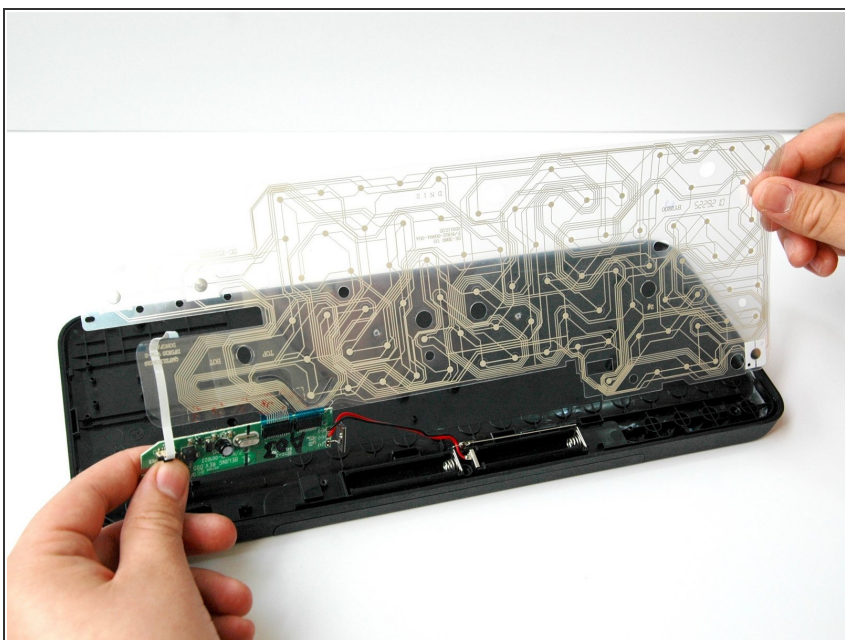


## Step 13



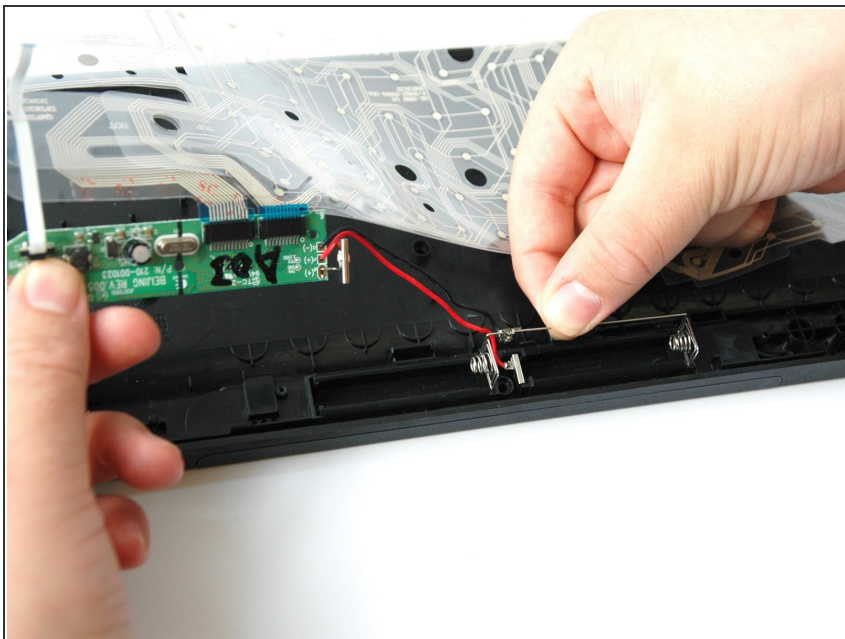
- Lift the green card up using the flat end of the plastic spudger.

## Step 14



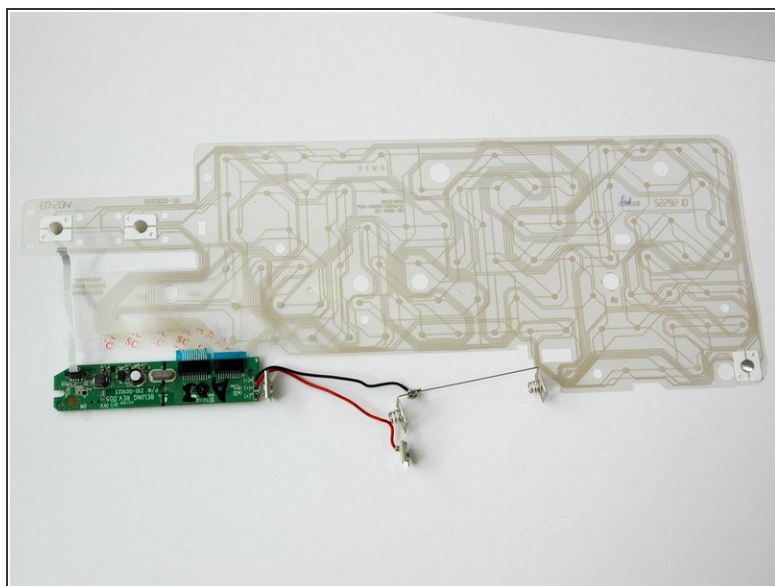
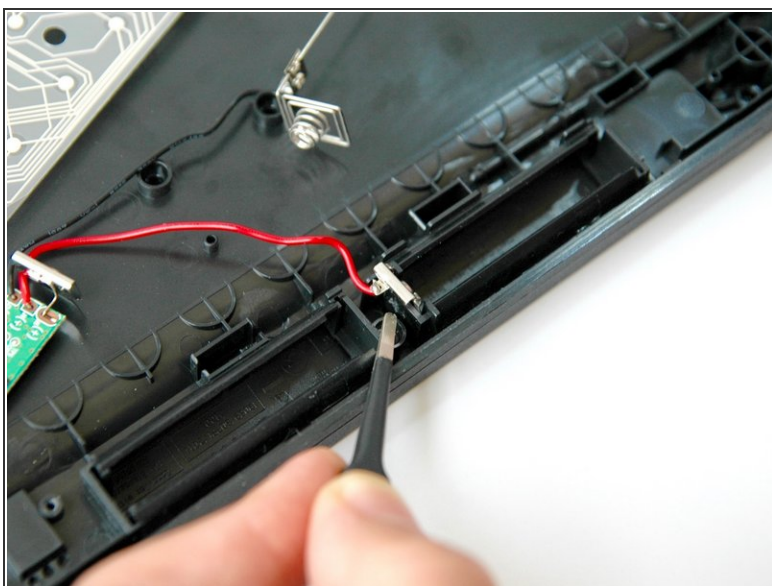
- Grip and lift the keyboard PCB up and out.
- ⓘ The battery wires will remain connected.

## Step 15



- Grip and lift the battery wire bar out of the battery compartment, using your thumb and index finger.

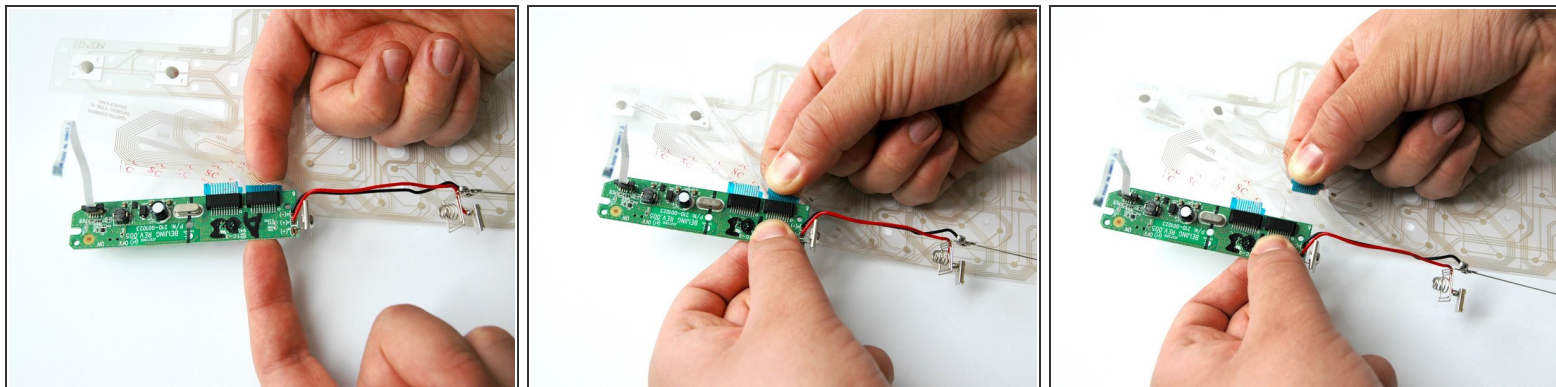
## Step 16



- Pinch your precision tweezers and wedge the battery clamp up.
- Lift the entire keyboard PCB out of the panel.
- ❗ The keyboard PCB will remain connected to the green card.

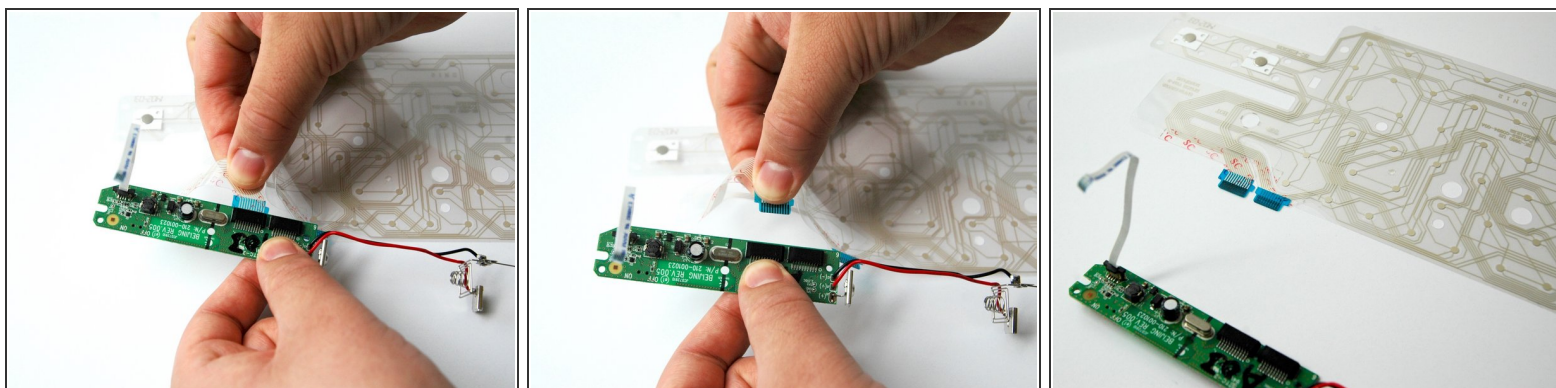


## Step 17



- Slide your index finger into the slot under the right blue tab.
- Pinch and pull the right blue tab away from the green card.

## Step 18



- Pinch and pull the left blue tab away from the green card.

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