



# Backbone One Right Mainboard Replacement

How to replace the mainboard on the right controller handle in your Backbone One.

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# INTRODUCTION

Use this guide to replace the mainboard on the right controller handle in your Backbone One.



## TOOLS:

- [Phillips #0 Screwdriver](#) (1)
  - [ESD Safe Tweezers Blunt Nose](#) (1)
  - [iFixit Opening Picks set of 6](#) (1)
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## Step 1 — Remove the screws



- Use a Phillips screwdriver to remove the four 5.9 mm-long screws.

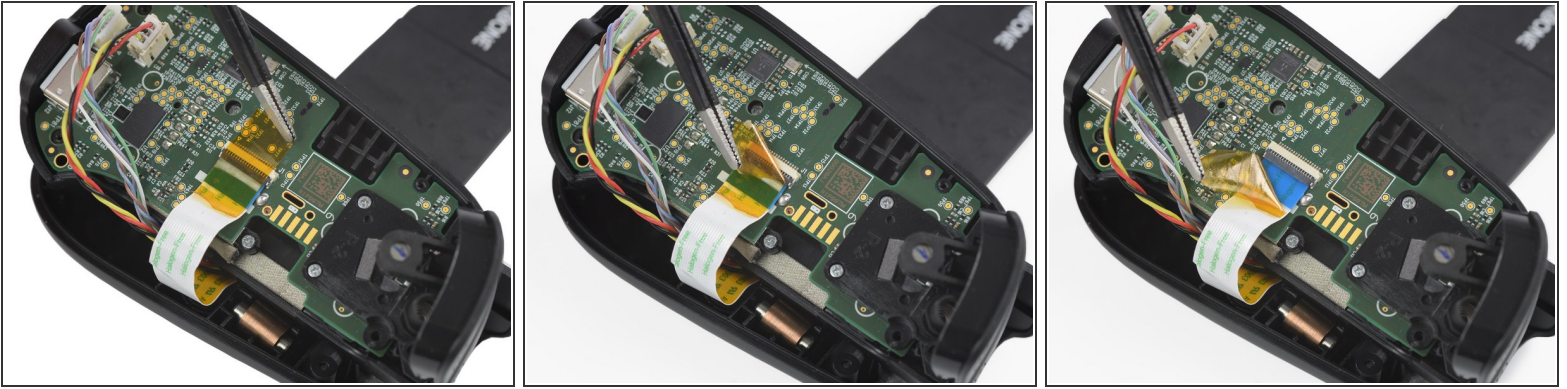
## Step 2 — Rotate the upper part



- Lift up the upper cover of the controller.
- Swing the upper cover over and place it on the controller case.

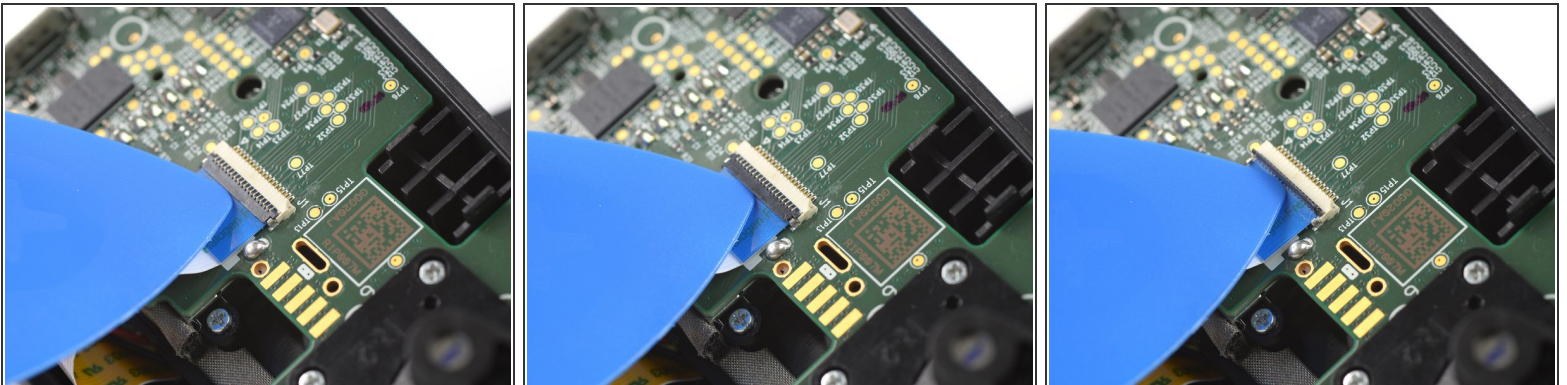
⚠ Make sure that the interconnecting cable has no tension.

### Step 3 — Remove the protective tape



- Use a pair of tweezers to remove the yellow protective tape which is placed over the interconnect cable and the connector.

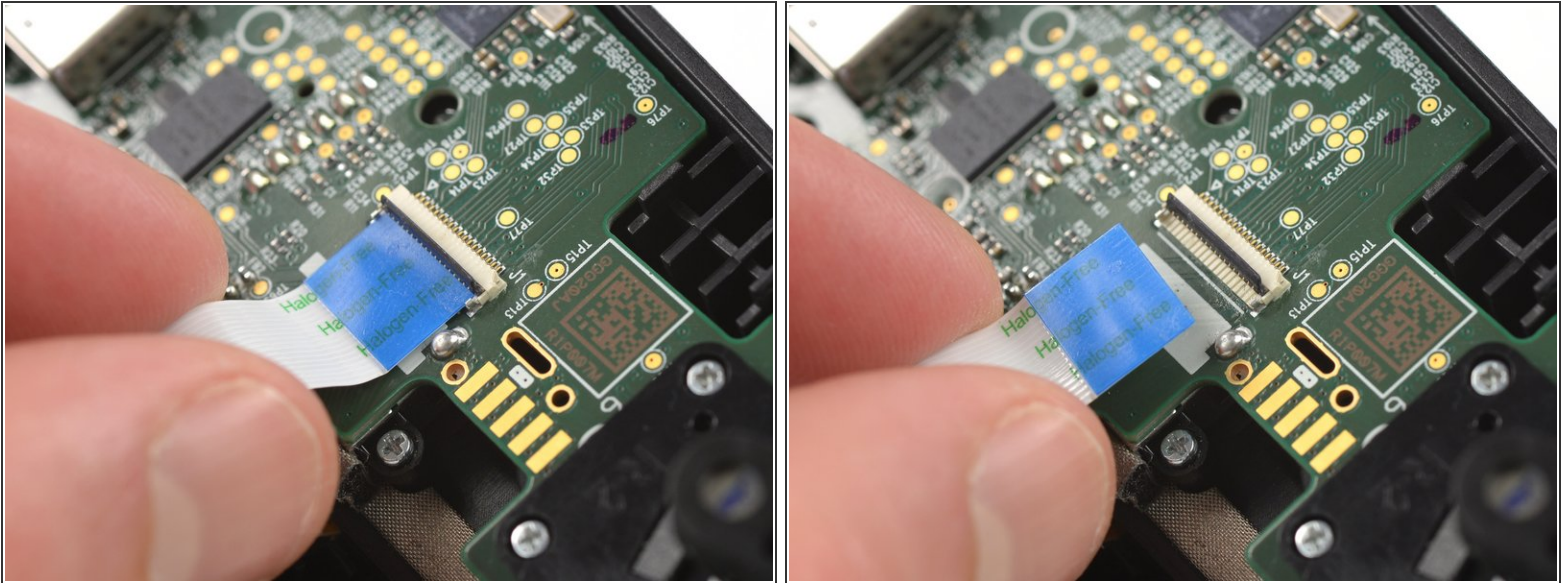
### Step 4 — Open the interconnect cable ZIF connector



- Use the tip of an opening pick to open the gray flap of the interconnect cable ZIF connector by pushing it upwards.

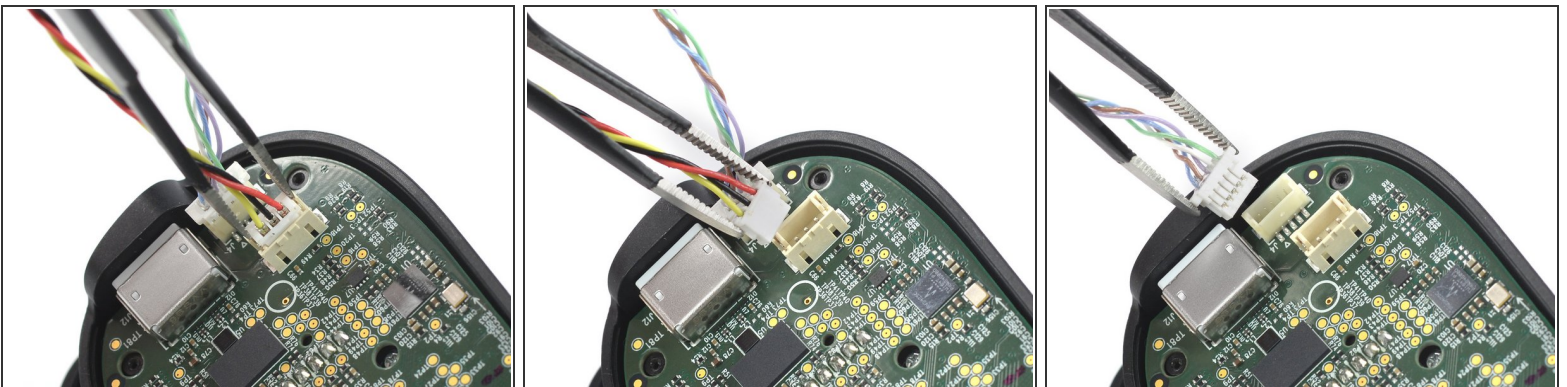


## Step 5 — Disconnect the interconnect cable



- Disconnect the cable by pulling it straight out the ZIF connector.

## Step 6 — Disconnect the phone connector cables



- Use a pair of tweezers to disconnect the phone connector cables out from their sockets.

## Step 7 — Separate the upper case



- Separate the the upper case of the left controller handle.

## Step 8 — Remove the screws



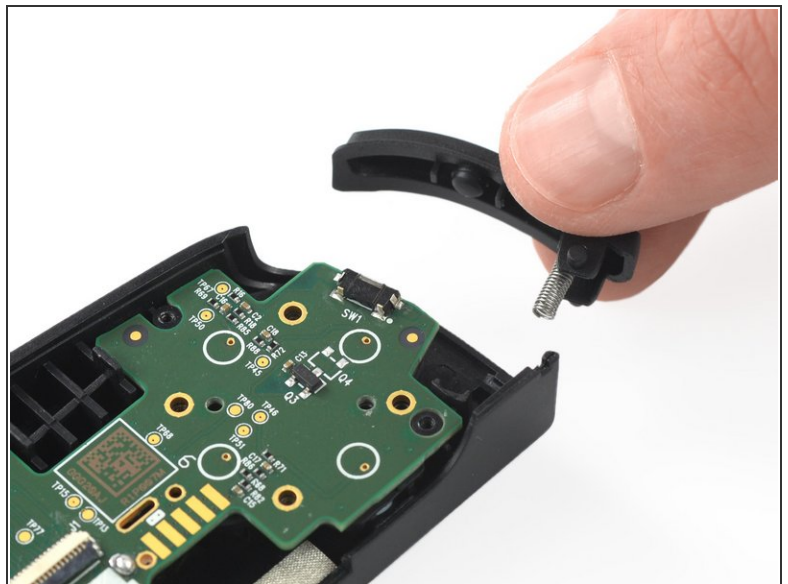
- Use a Phillips screwdriver to remove the three 5.9 mm-long screws.

## Step 9 — Remove the trigger



- Remove the trigger.

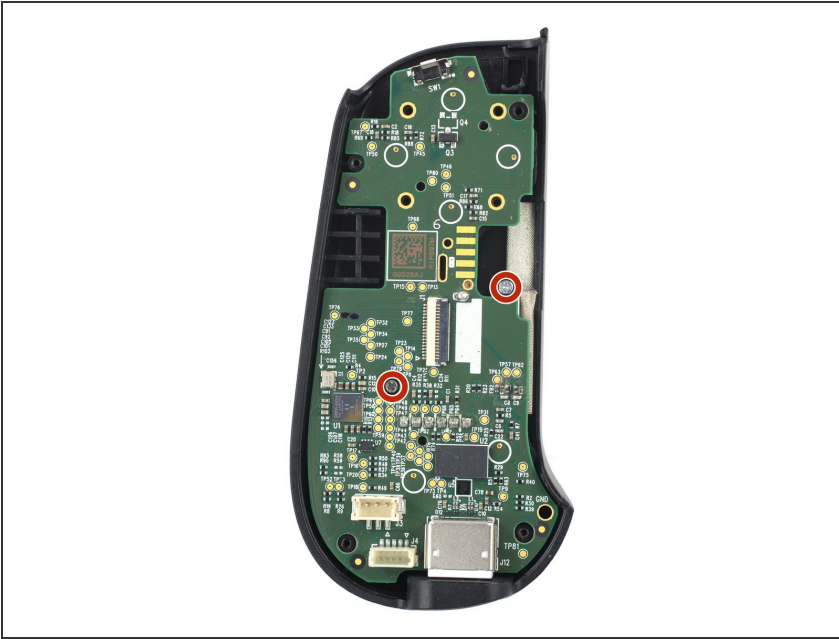
## Step 10 — Remove the bumper



- Remove the bumper.



## Step 11 — Remove the screws



- Use a Phillips screwdriver to remove the two 3.9 mm-long screws.

## Step 12 — Remove the mainboard



- Remove the mainboard.

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

Take your e-waste to an [R2 or e-Stewards certified recycler](#).

Repair didn't go as planned? Ask our [Answers community](#) for help.