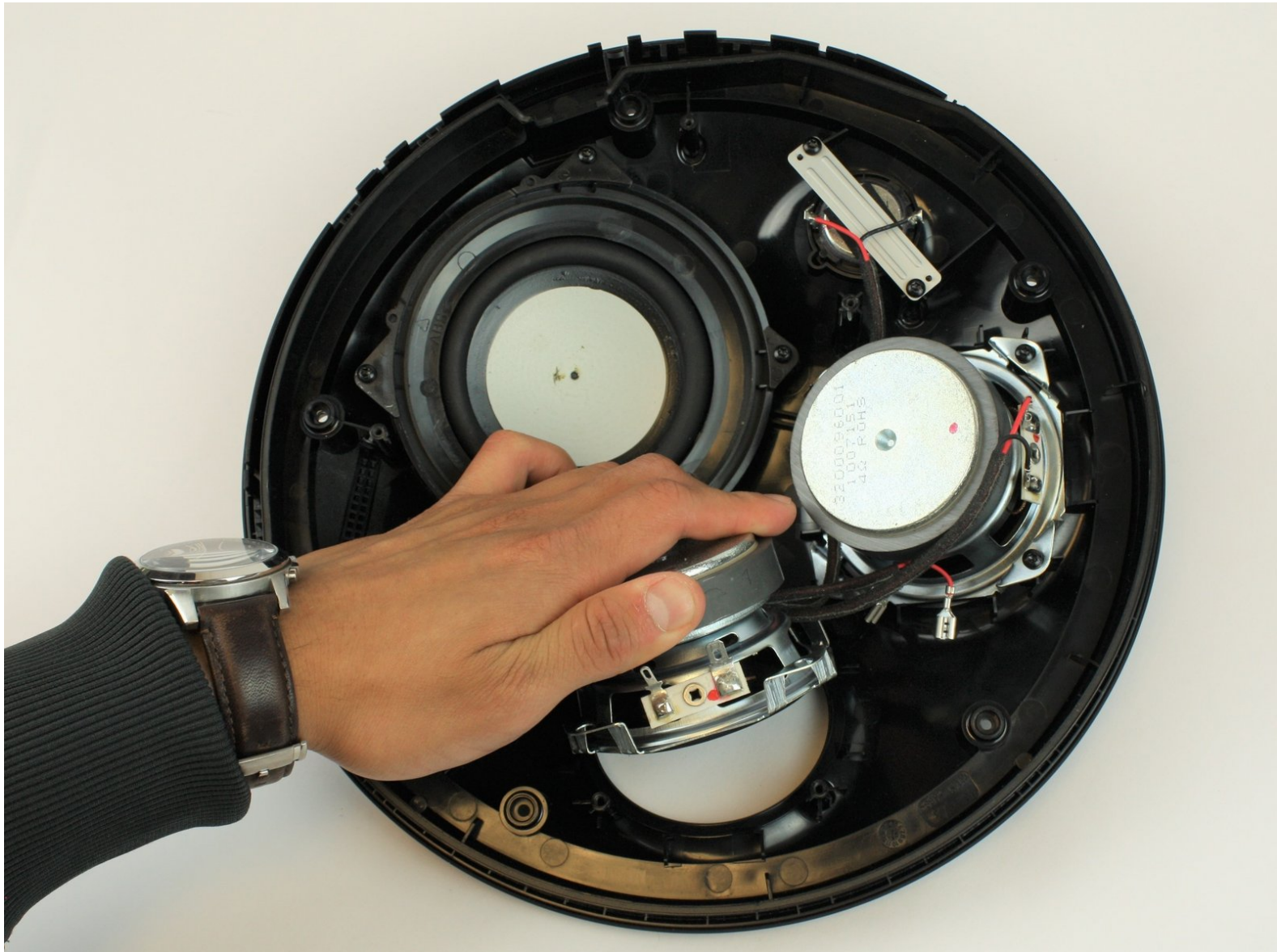




# Harman Kardon Onyx Studio 2 Speakers Replacement

Following this guide will lead you to replacing any number of speakers in the Onyx Studio 2.

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## INTRODUCTION

If your speakers are busted or faulty, this guide will help you in replacing one or both of the speakers in your Onyx Studio 2.

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### TOOLS:

- [iFixit Opening Tools](#) (2)
  - [T10 Torx Screwdriver](#) (2)
  - [Metal Spudger](#) (1)
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## Step 1 — Front Panel



- Using a plastic opening tool, pry off the front grill by wedging it in the notch on the front of the device.

## Step 2



- Remove the five 14.4 mm T10 Torx screws.

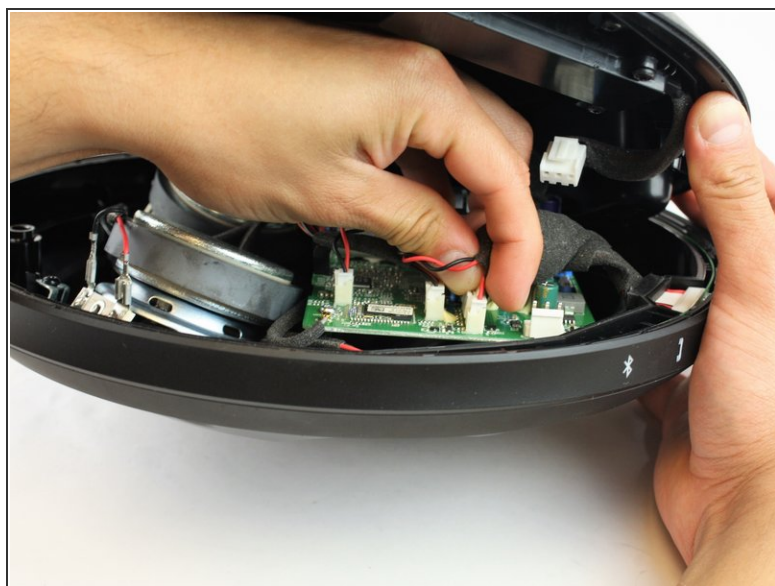
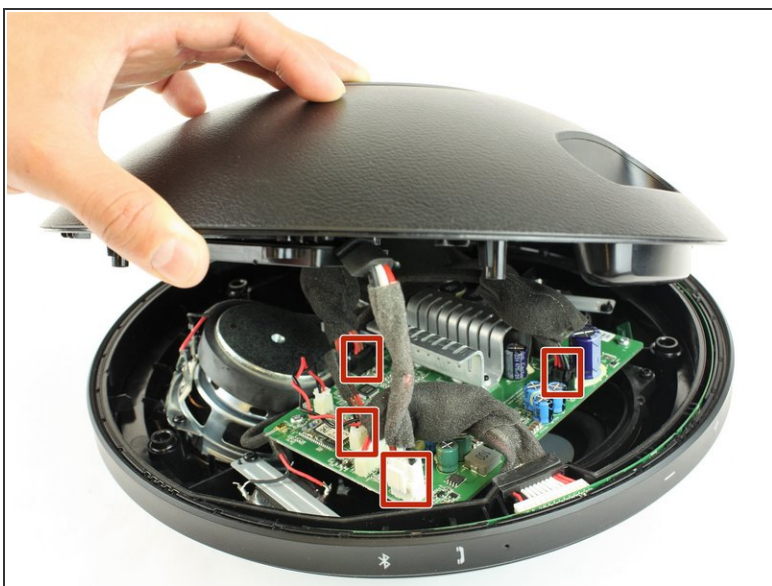


### Step 3



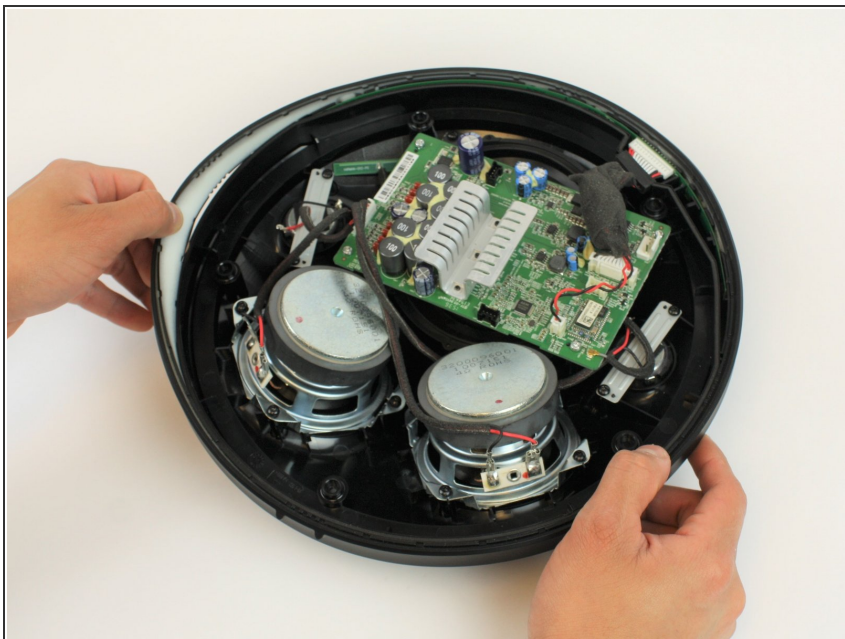
- Gently pull the front apart from the back.

### Step 4



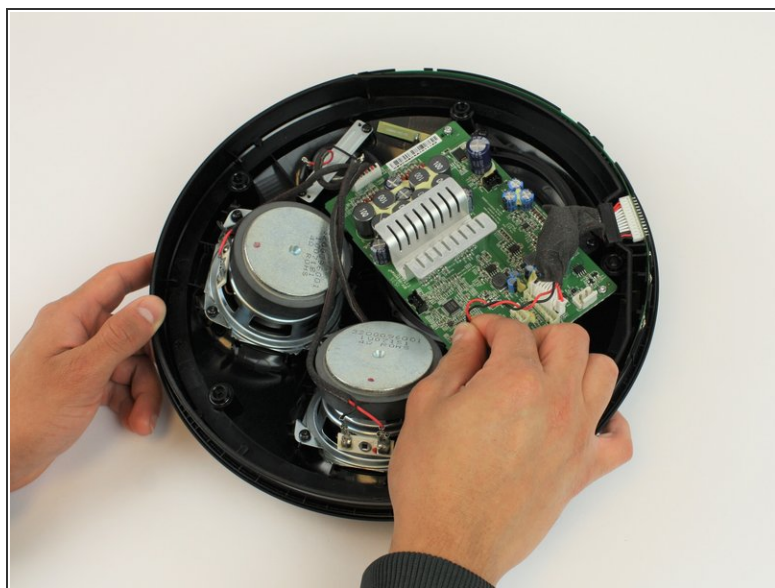
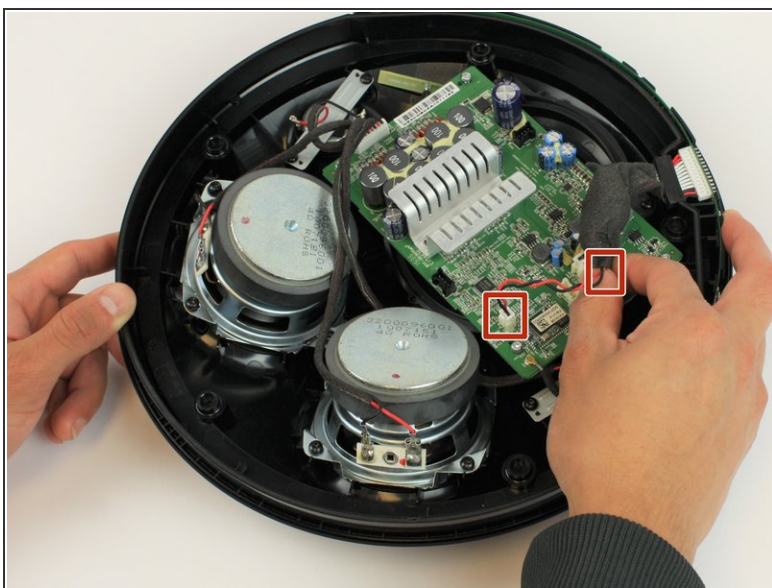
- Remove the four wires connecting the front and back panels.
- Pinch the connector tab and pull gently upwards.
- Repeat for the other three connectors.

## Step 5 — Control Board



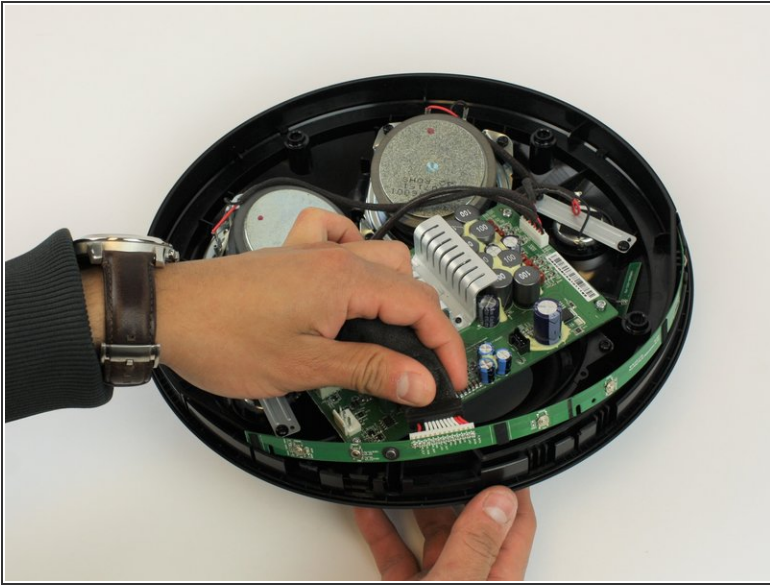
- Pull the silicone button band off of the outer edge of the speaker.

## Step 6



- Disconnect the two pressure connections from the circuit board.

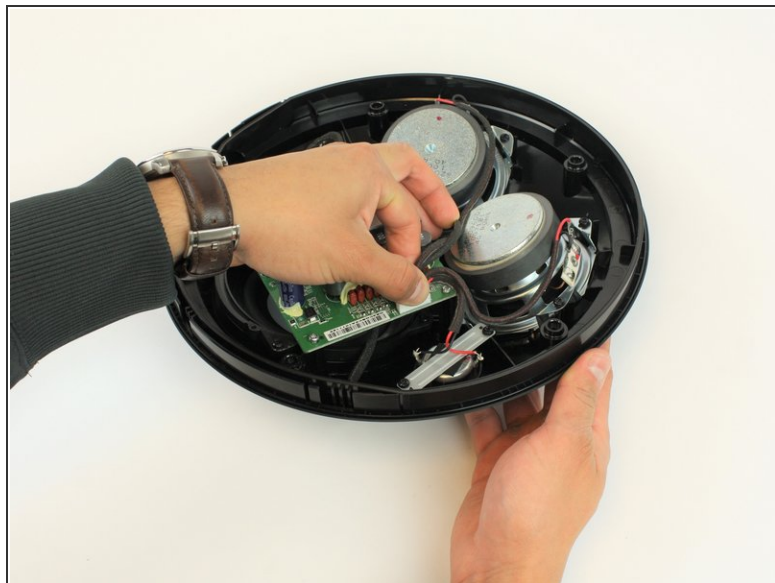
## Step 7



- Gently remove the control board band by placing fingers in contact with it through the button openings.
- ⓘ Work from the outer edges in so as not to bend the band.

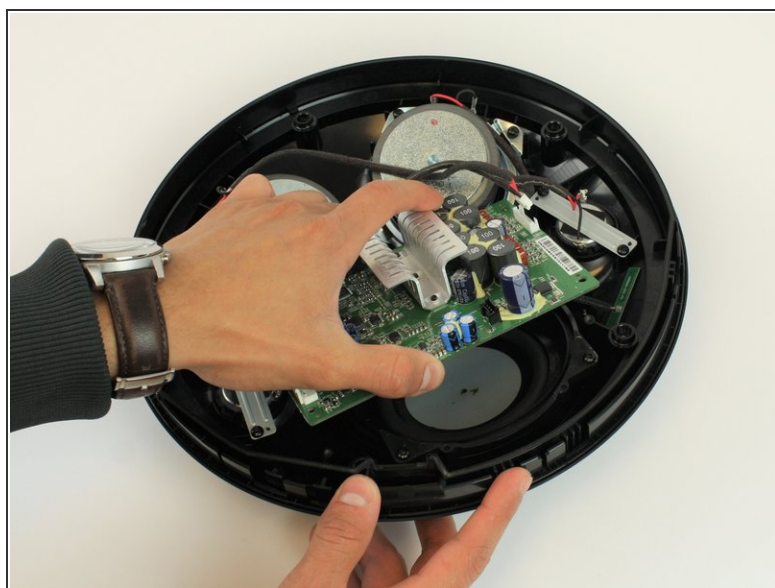
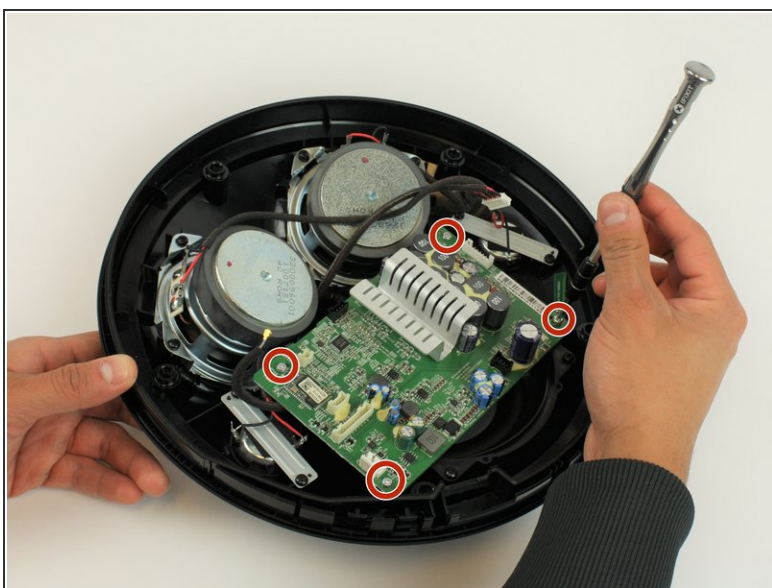


## Step 8 — Circuit Board



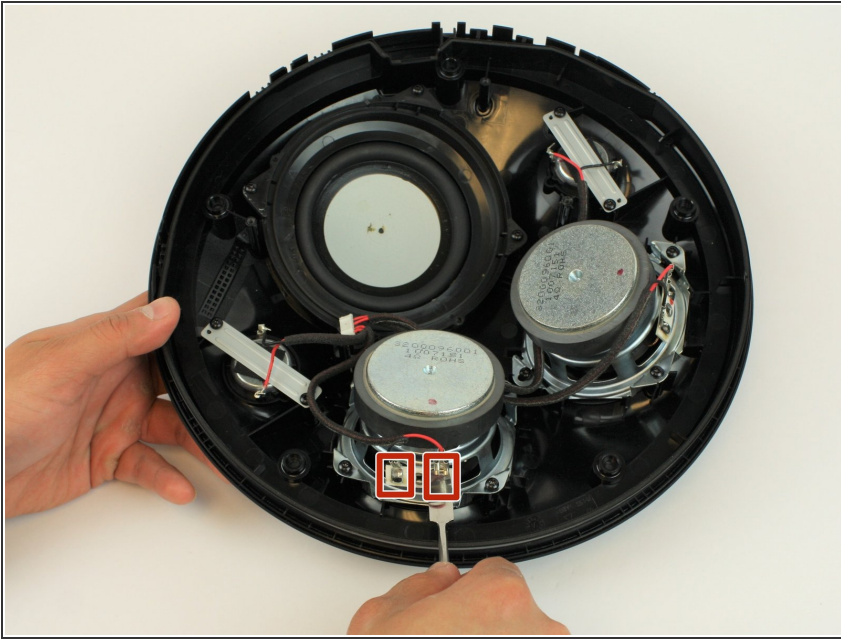
- Disconnect the remaining connectors from the circuit board.
- Disconnect the Bluetooth antenna.

## Step 9



- Remove the four 10 mm T10 Torx screws.
- Pull the circuit board out of the device as it is now free.

## Step 10 — Speakers



- Using the metal spudger, gently pry off the two red and black connectors.

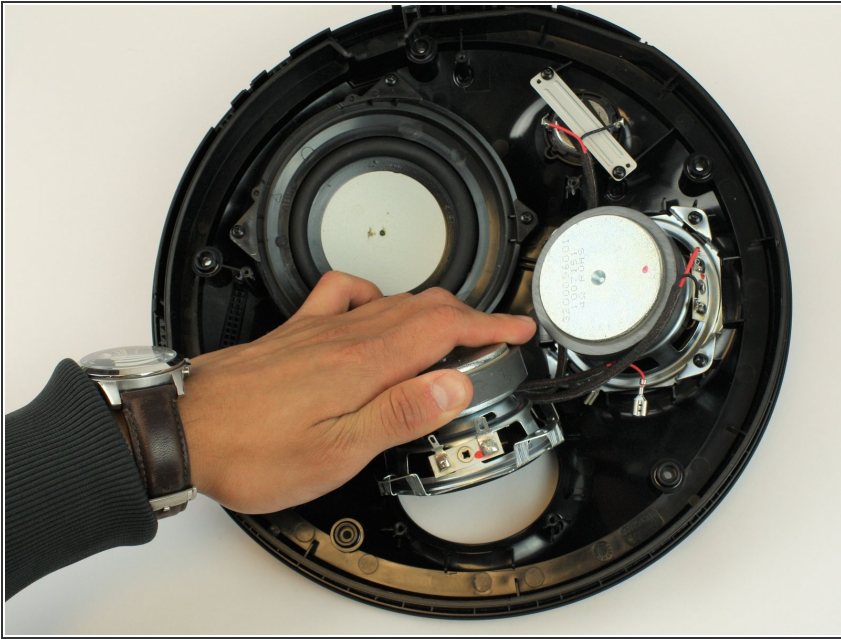
## Step 11



- Remove the four 14.3 mm T10 Torx screws.



## Step 12



- Pull out the speaker, and if necessary follow these steps to replace the other identical speaker.

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