



Xbox 360 Wireless Controller Teardown

A teardown of the Xbox 360 Wireless controller.

Written By: Mart-Jan





TOOLS:

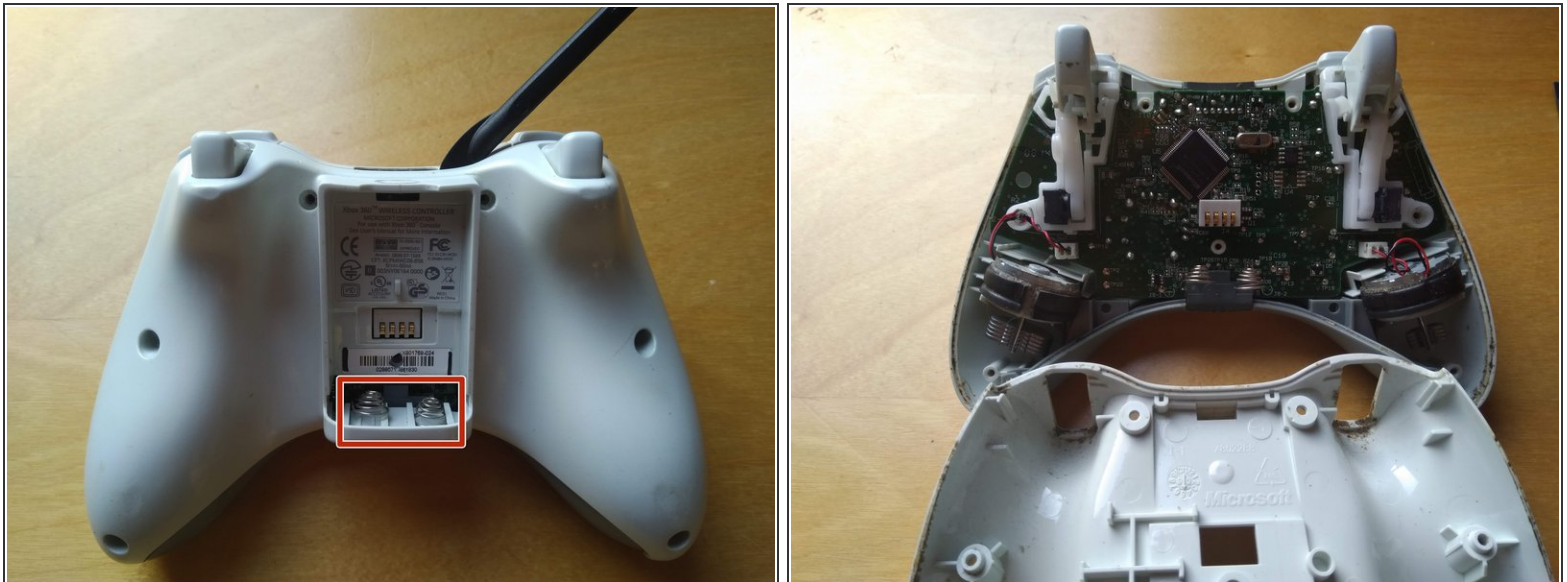
- [Phillips #0 Screwdriver](#) (1)
 - [TR9 Torx Security Screwdriver](#) (1)
-

Step 1 — Removing the first screws



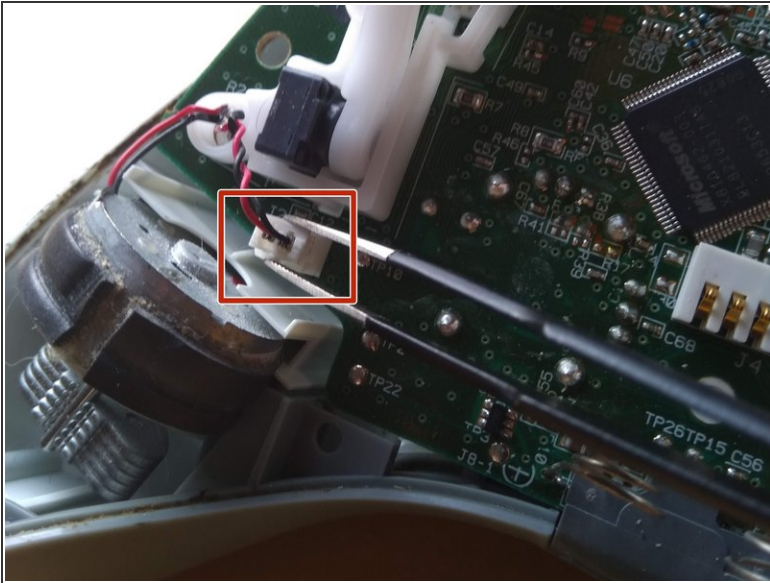
- Place the controller face down on your working surface to allow access to rear screws.
- Take the battery compartment out.
- Use a TR9 bit and screwdriver to remove all 7 screws.

Step 2 — Removing the back



- Remove the rear half of the controller by pulling perpendicular to the front half.
 - The battery terminals have specific grooves that they slide in and out of.
- i** If the two halves do not easily separate, you can slide a spudger along the seam and/or slightly depress the left/right triggers.

Step 3 — Removing the vibration motors

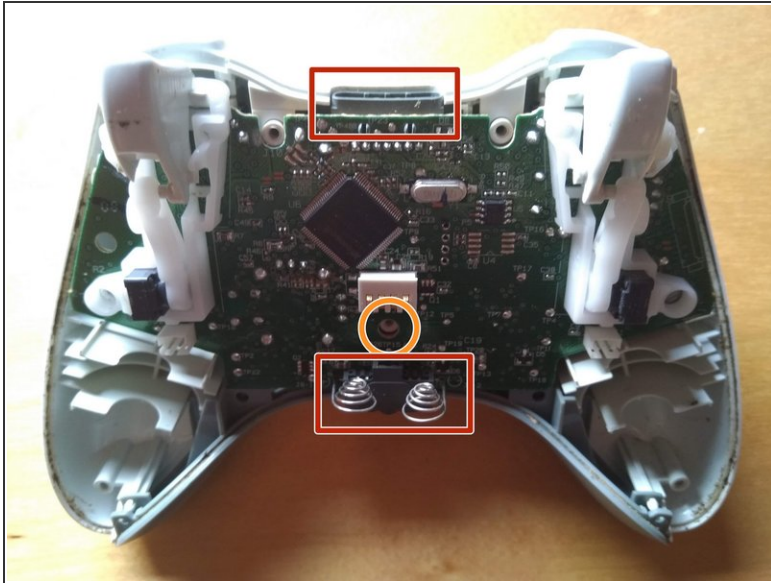


- Detach the vibration motor cable from the PCB.

⚠ DO NOT use the cable to remove from the PCB. You may damage the motor, connector, or PCB by pulling on the cable.

- After detaching the vibration motor cable from the PCB, remove the vibration motor.
- Utilize the same technique for the other vibration motor on the opposite side.

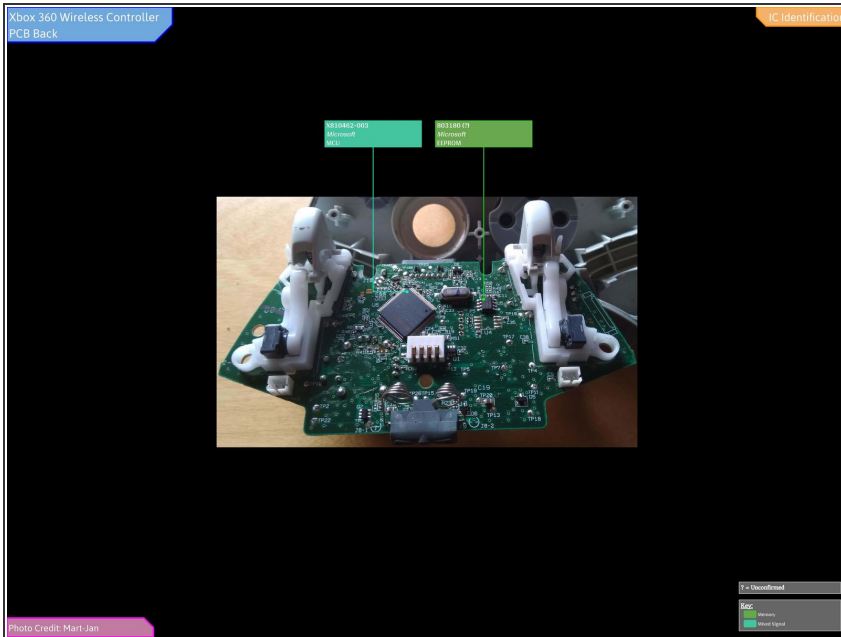
Step 4 — Removing the PCB




- Make sure the front half of the controller is facing towards you.
- The PCB should simply lift out with little to no force when being held by the areas highlighted.
- If the PCB doesn't freely lift out, apply light consistent leverage under the highlighted area.

⚠ Be cognizant of the components on the opposing side of the PCB.

Step 5



- Full IC Identification:

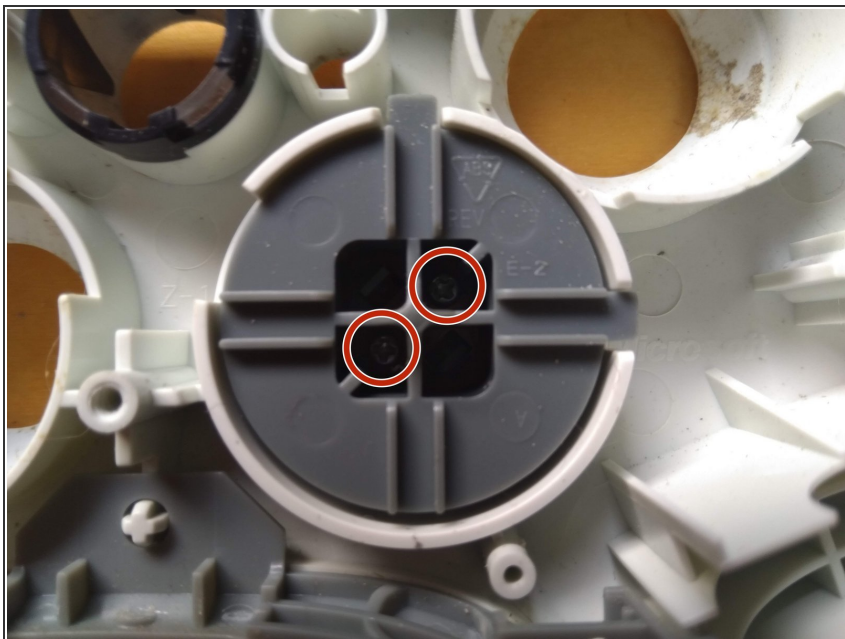
 You may need to enlarge it to view the text.

Step 6 — Removing the buttons and the bumper



- Gently peel off the conductive rubber pads to expose the backsides of the buttons
- Remove the A, B, X, Y, Back, Start and Guide buttons. The Guide button sleeve may also be removed.
- You can now remove the bumper assembly at the top.

Step 7 — Removing the D-Pad



- Remove the last two screws in the D-pad with a #0 Phillips screwdriver.
- Use a pair of tweezers to squeeze the clips together and remove the D-pad.

Step 8 — End result



- And here is the final result: a completely disassembled Xbox 360 Wireless Controller.