Xbox 360 Controller USB Cord Replacement

Replace the USB cord on an Xbox 360 controller.

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INTRODUCTION

This guide provides instructions on how to replace a Xbox 360 controller's cord. Be aware that minimum soldering skills are needed as the controller's circuit board can be permanently damaged if not handled properly.

Before starting this guide, make sure you have:

- micro screwdriver
- soldering iron and wire
- desoldering wick
- replacement USB cord

TOOLS:

- Soldering Iron (1)
- Solder (1)
- Desoldering Braid (1)
- Pro Tech Toolkit (1)

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Step 1 — USB Cord

- Remove the tamper seal sticker from the back of the controller.

Step 2

- Remove the seven screws from the back of the controller.

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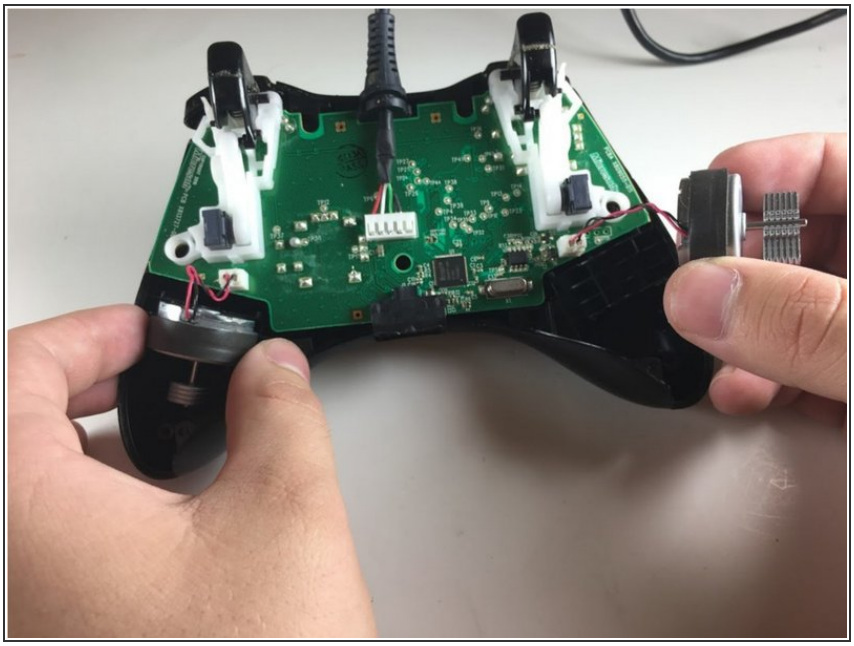
Step 3

- Separate the front and back face-plates of the controller.

Use spudger or plastic opening tools if necessary.

Step 4



- Remove the Tumblers from the front face-plate.

Do not disconnect the tumblers from the circuit board.

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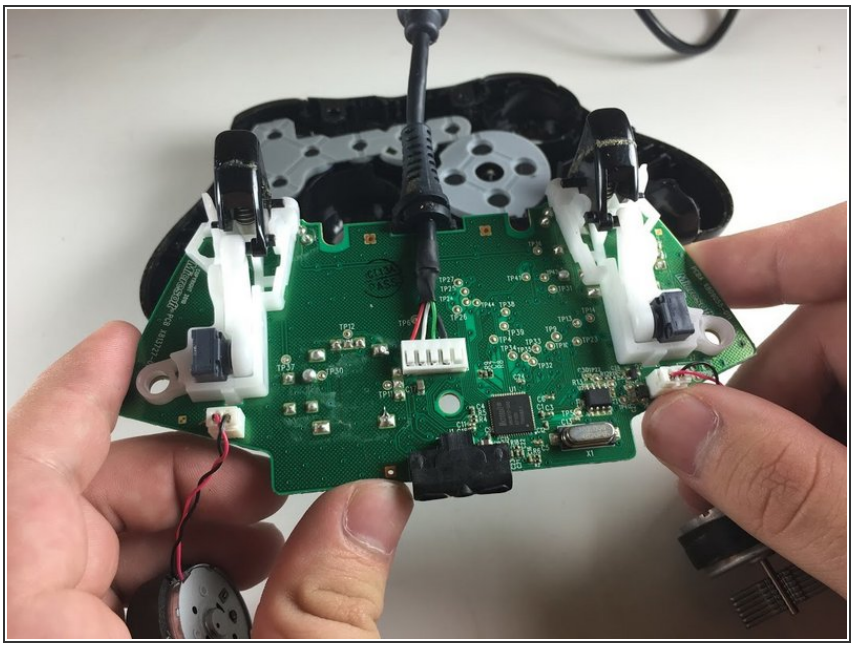
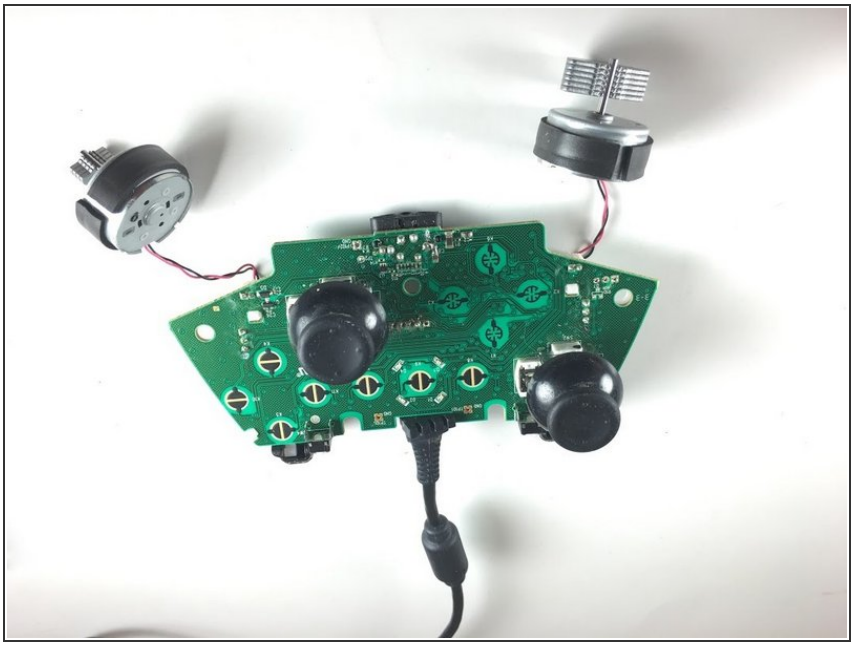
Step 5



- Remove the circuit board from the front face-plate with the tumblers still attached.

Be careful not to remove the buttons from the front face-plate to avoid further complications.

Step 6



- Place the circuit board on a non-conductive surface with the thumb sticks facing up, and the USB cord facing you.

Static surfaces may damage the circuit board.

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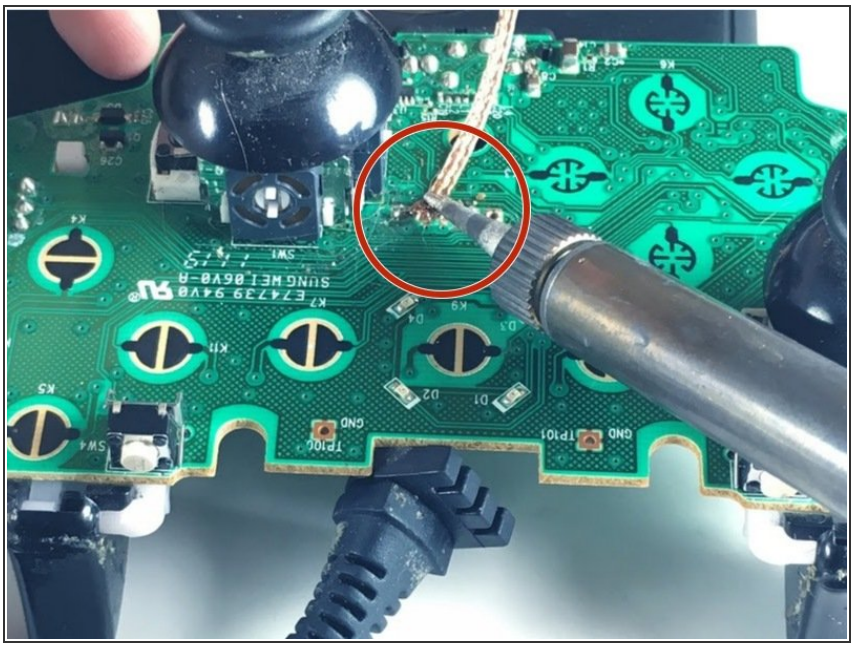
Step 7



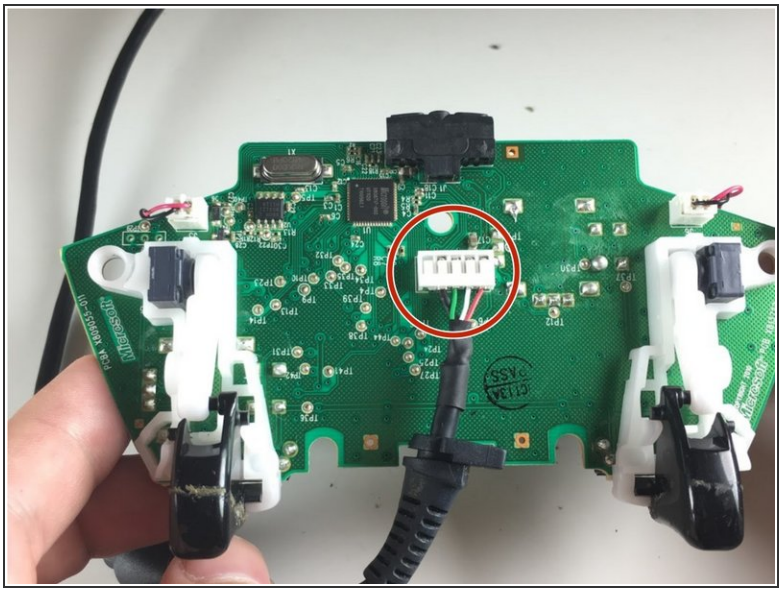
- Turn on the soldering iron,
- Remove the solder, which is directly to the right of the left thumb stick, from the four linear nodes by using the desoldering wick and the soldering iron.

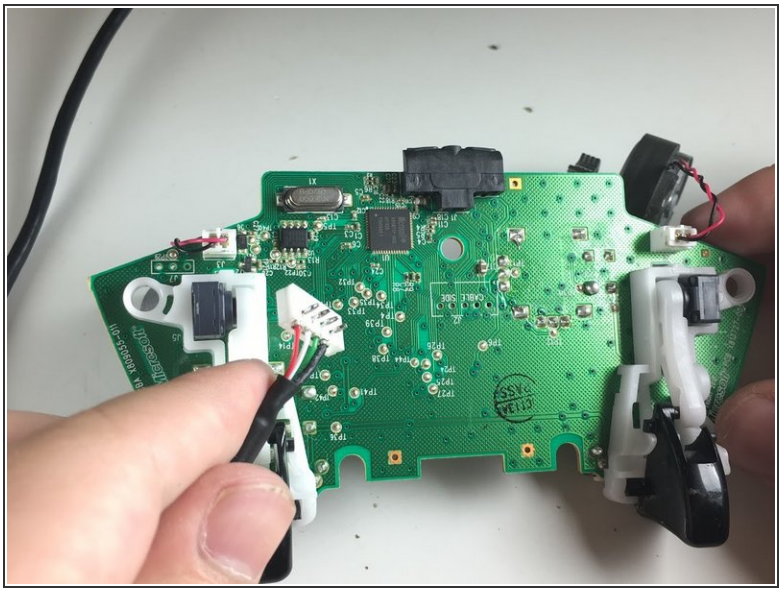
Circuit board should remain in the same position as is shown in step 6.

Improper use of the soldering iron will result in injury.

Direct contact between the circuit board and soldering iron may damage the board.

Step 8





- Remove the wire housing from the opposite side of the circuit board.

Do not apply excessive force on the circuit board. This will cause it to break.

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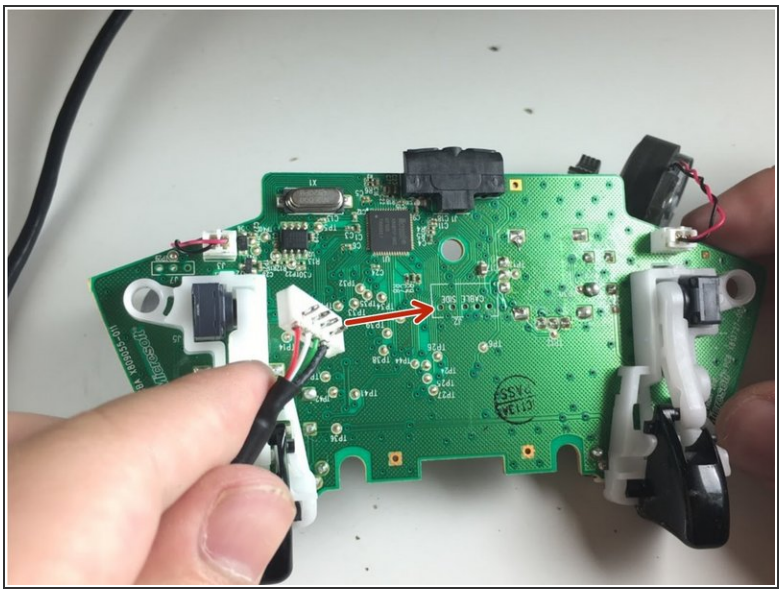
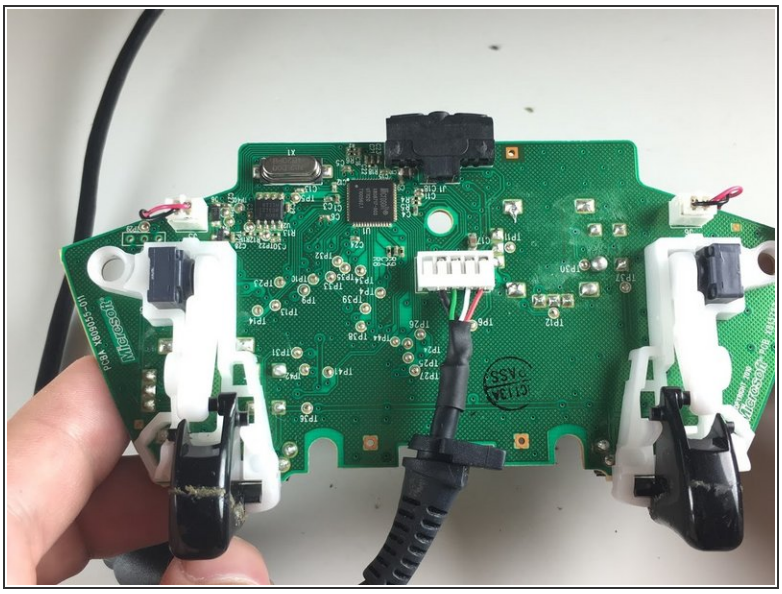
Step 9

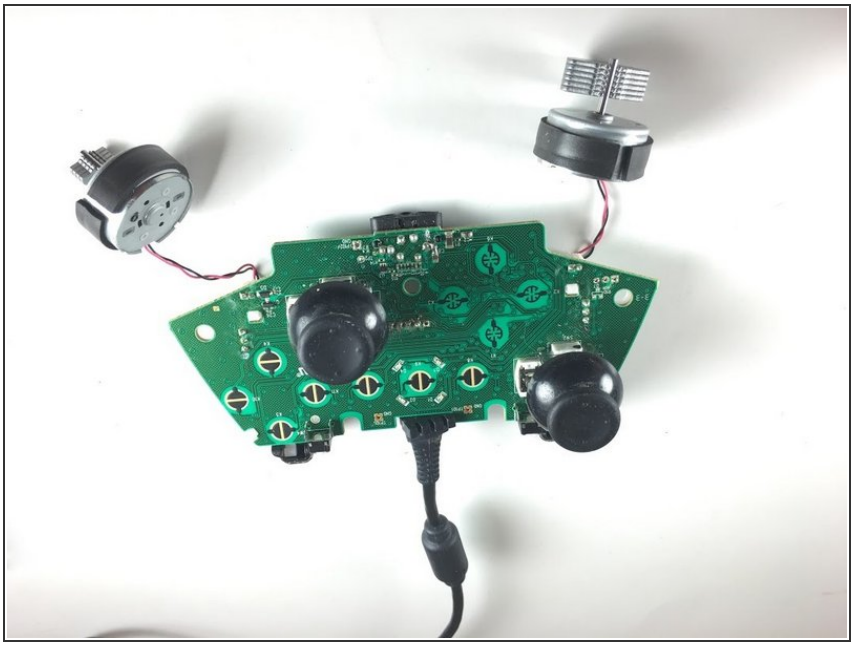




- Connect the new housing and new wire to the back side of the circuit board. The wire should come out from the top of the controller.

The order of the wires (from left to right) is: black, green, white, red.

Step 10



- Repeat step 6.

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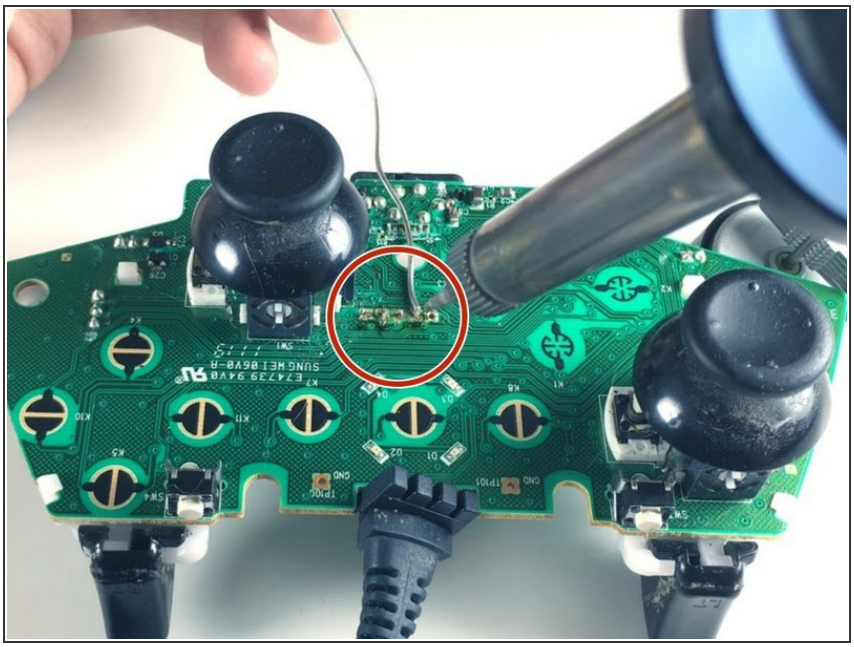
Step 11



- Re-solder the four nodes (left to right) with the soldering iron and soldering wire.

Step 12

- Reassemble, and get back to gaming!

By following these steps, you will be able to replace your Xbox 360 controller's USB cord. Hopefully this guide is useful to you and will elongate the life capacity of your Xbox 360 controller.

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