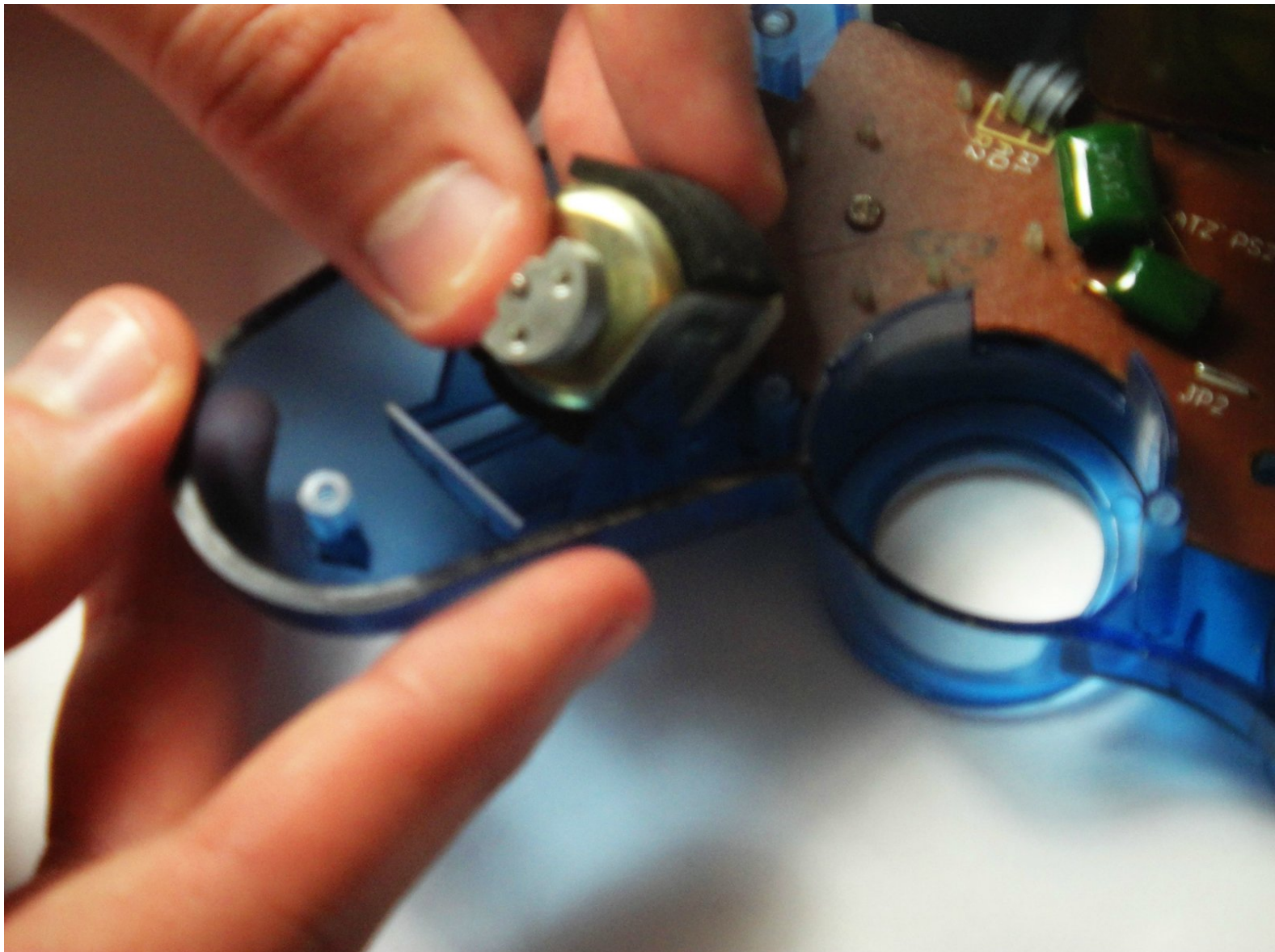




# Mad Catz Dual Force 2 Pro Vibration Motors Replacement

This guide is used to replace the controller's two vibration motors.

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## INTRODUCTION

Please remember that these controllers are not designed to be repaired so do not be surprised if you need to be rough with it or something was not initially installed correctly. Also, the same kind of screw was used throughout the controller.



### TOOLS:

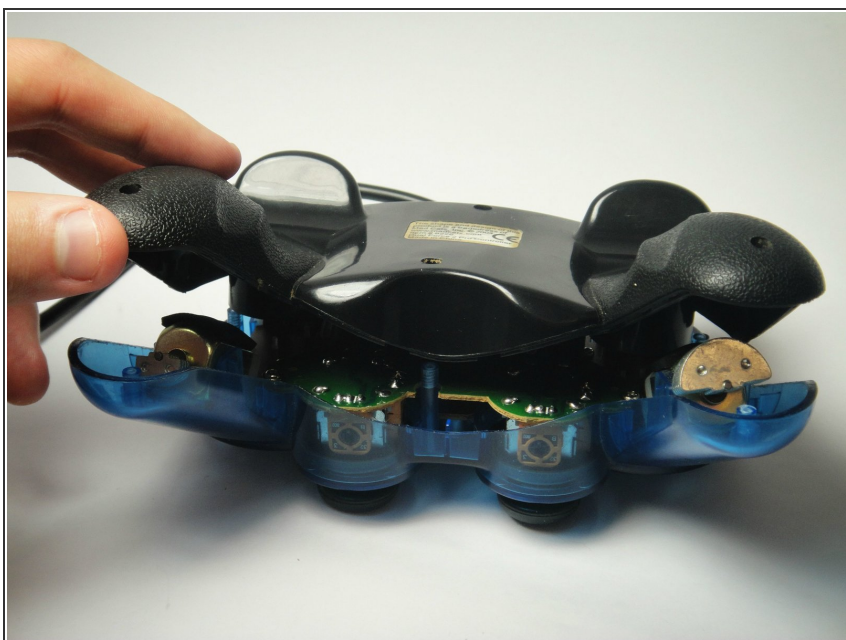
- [Small Phillips Head Screwdriver](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
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## Step 1 — Remove Cover



- Remove the six 7 mm Phillips screws from the rear cover.

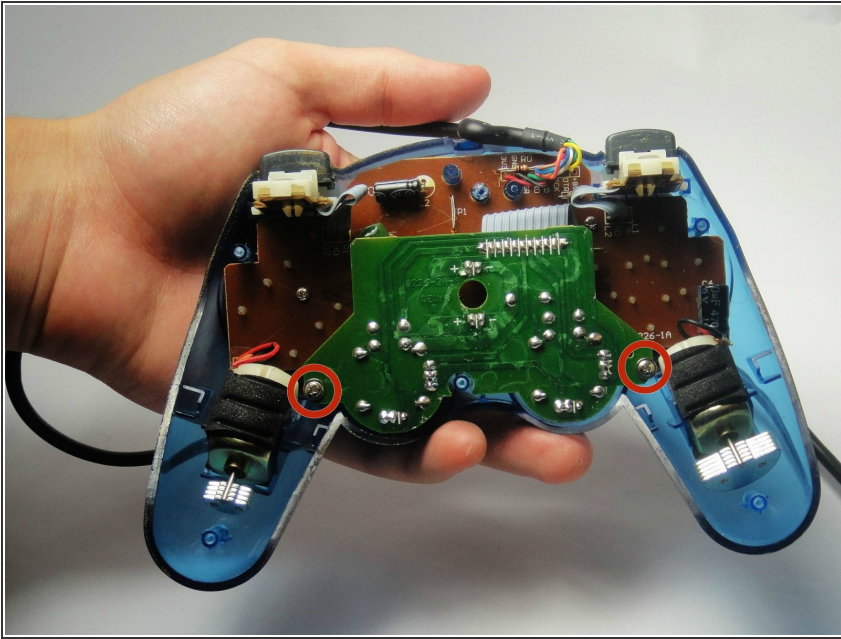
## Step 2



- Remove the back of the controller.
- ⓘ There are no loose items in the controller that can fall out, so you can open it, generally, however you want.

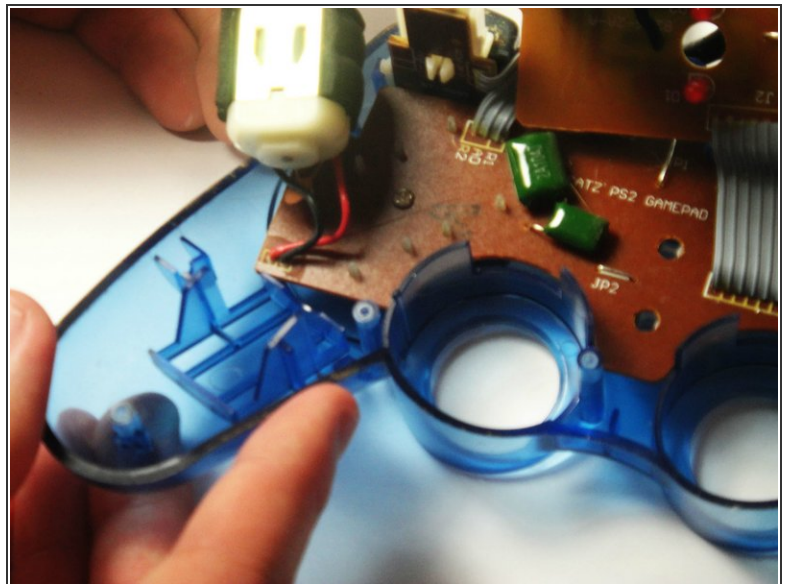
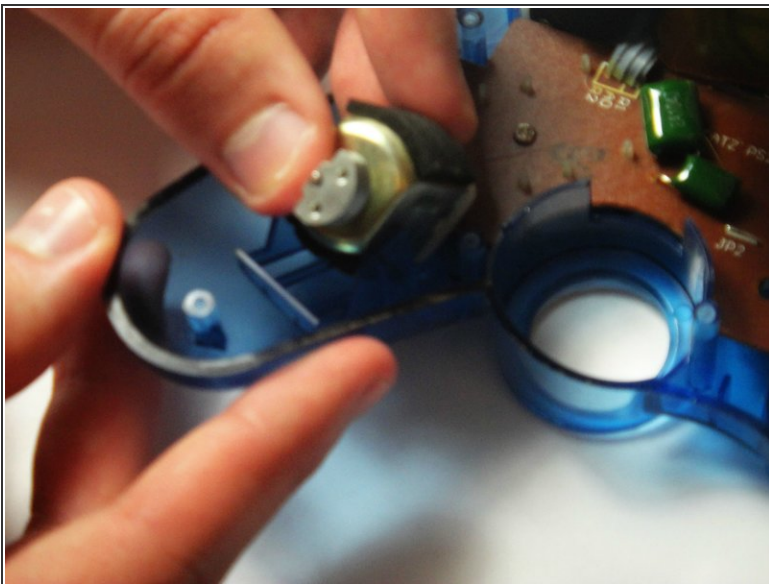


### Step 3



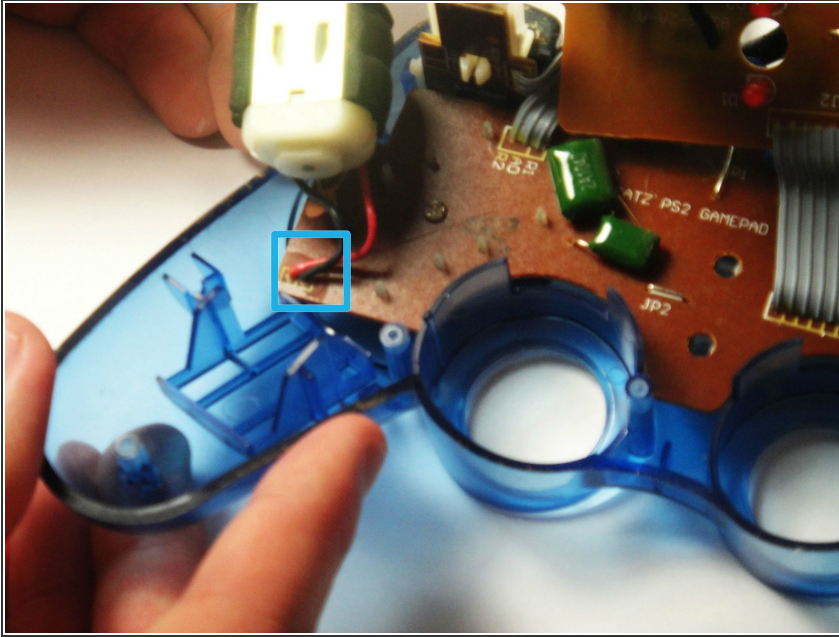
- Remove the two 7 mm screws on the closest circuit board.

### Step 4



- Grip the sides of the motor you wish to replace and lift up.
- ⓘ Be careful not to tear the wires that connect the motors to the motherboard.

## Step 5 — Remove the Screw



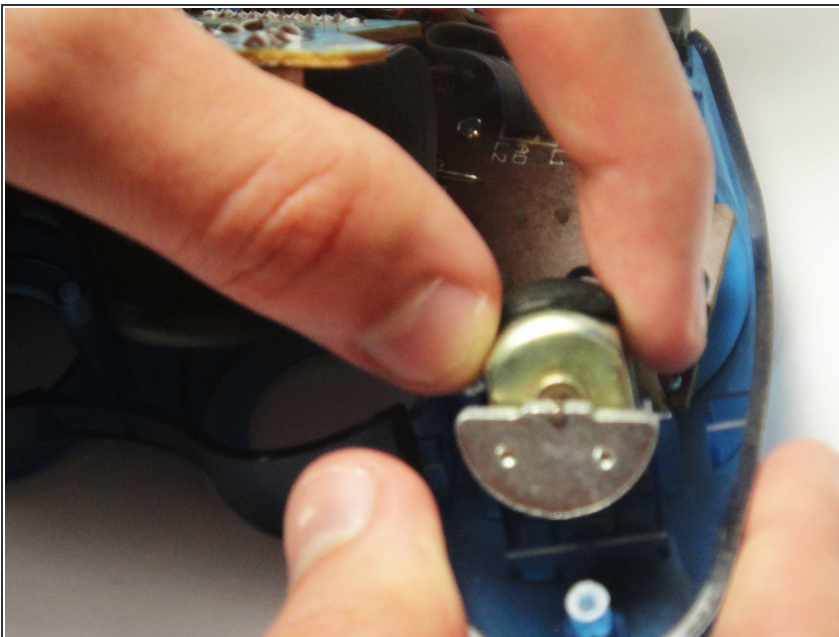
- Use a soldering iron to de-solder both vibration motor wires from the motherboard.

⚠ If you do not know how to solder, see the [soldering guide](#) for instructions.

ⓘ The positive (red) wire connects nearest the edge of the motherboard.

⚠ When soldering on circuit boards, be sure not to overheat the connection as permanent damage may result.

## Step 6



- If needed, repeat the last two steps for the other vibration motors.

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