



Installing DualShock 3 Motherboard

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TOOLS:

- [Phillips #0 Screwdriver \(1\)](#)
- [Solder \(1\)](#)
- [Soldering Iron \(1\)](#)
- [Tweezers \(1\)](#)

SUMMARY

Use this guide to replace the controller's motherboard. Completely replacing the board will require de-soldering the existing vibration motors and soldering them to the new board.

Step 1 — Rear Cover



- Remove the five 7.2 mm Phillips screws securing the rear cover to the controller.

Step 2



- Slightly lift the lower edge of the rear cover away from the rest of the controller.

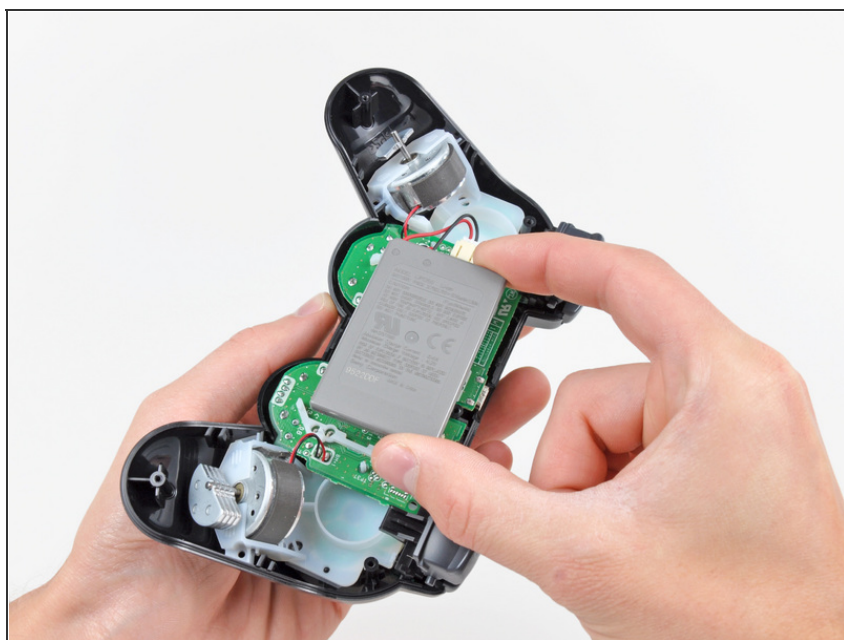
Step 3



- Push the rear cover slightly toward the top edge of the controller to clear the front edge of the #2 triggers.
- Pull the rear cover away from the rest of the controller, being careful not to pop off the #2 triggers.
- If you happen to accidentally pop off the trigger buttons, we have a [trigger button guide](#) to reattach them.

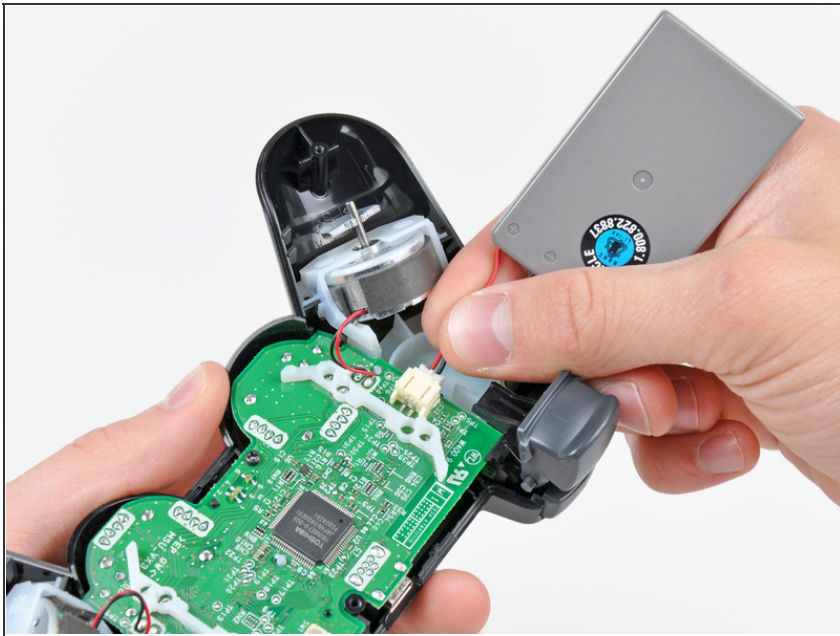



Step 4 — Battery



- Lift the battery off the motherboard for enough clearance to access the battery connector.

Step 5



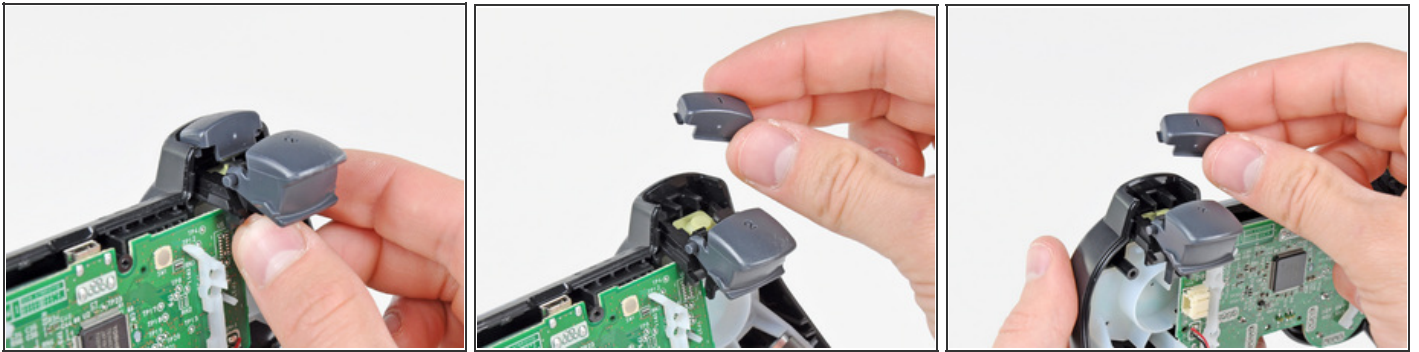
- Carefully pull the battery connector away from its socket on the motherboard.
- It may be helpful to use a pair of tweezers or pliers to grab the battery connector when you disconnect it for the first time. 

Step 6 — Motherboard Assembly



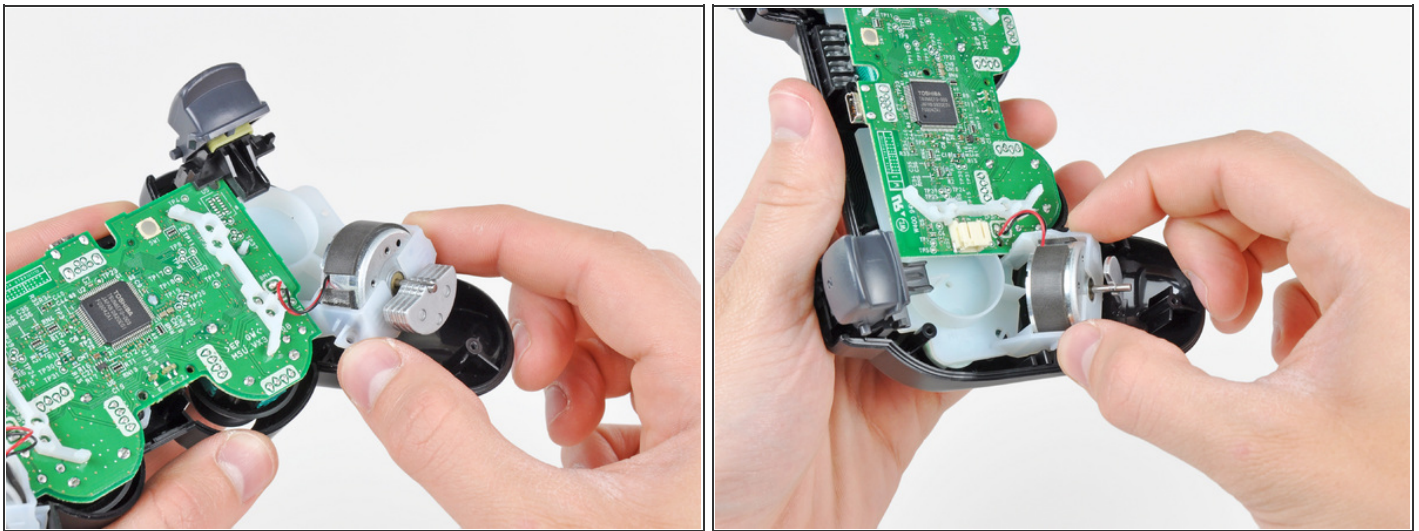
- Remove the single 7.2 mm Phillips screw securing the motherboard to the front cover.

Step 7



- Slide the trigger button retainers slightly away from the front cover.
- Remove the #1 button on both sides.

Step 8



- Pull the vibration motor retainers away from the front cover to dislodge the motherboard assembly.

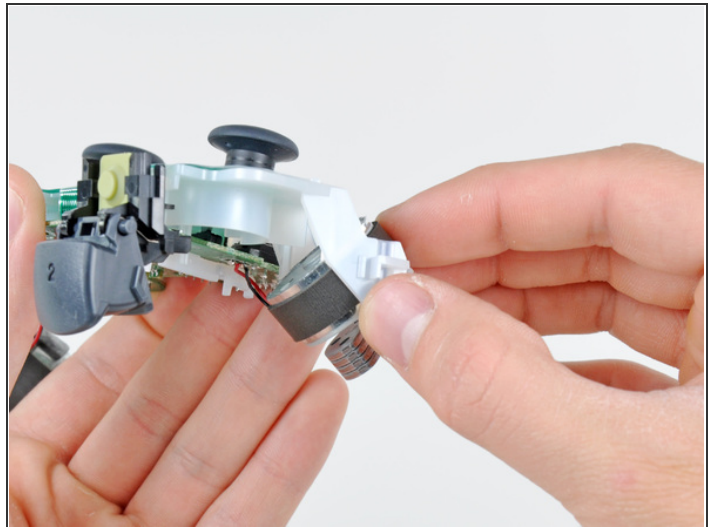
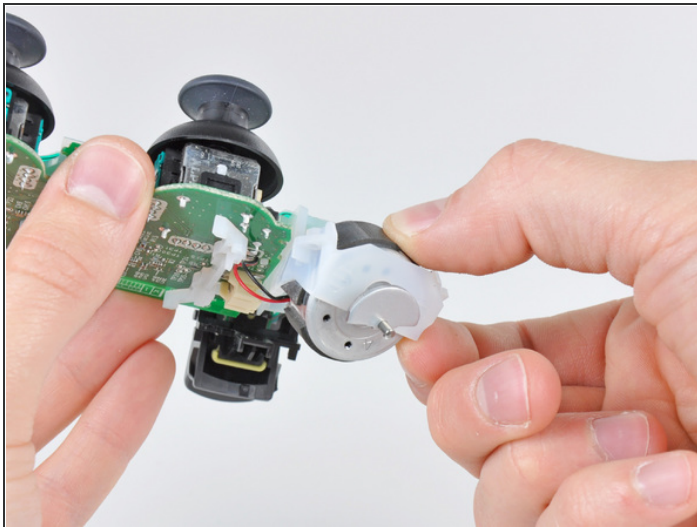
Step 9



- Remove the motherboard assembly from the front cover.
- When removing the motherboard assembly, try not to tilt the front cover upside down as the buttons and their covers may fall out.

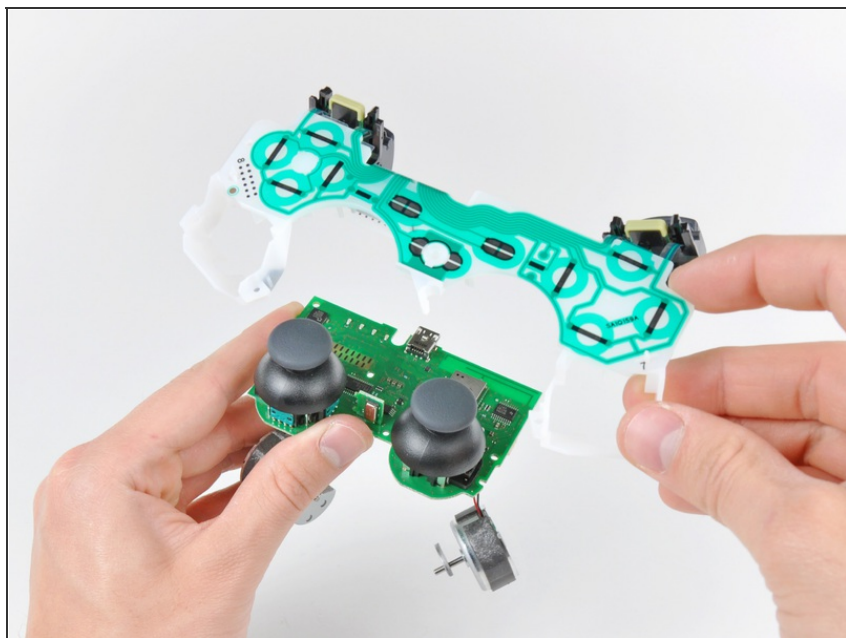


Step 10 — Input Board



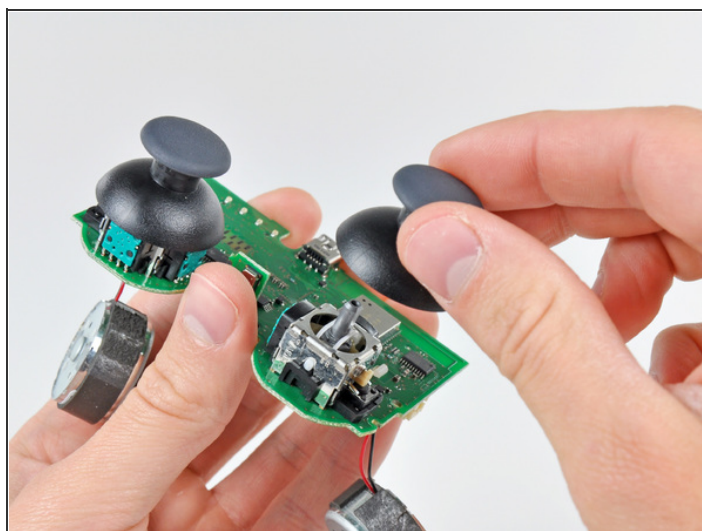
- Carefully push the two vibration motors out of the input board frame.

Step 11



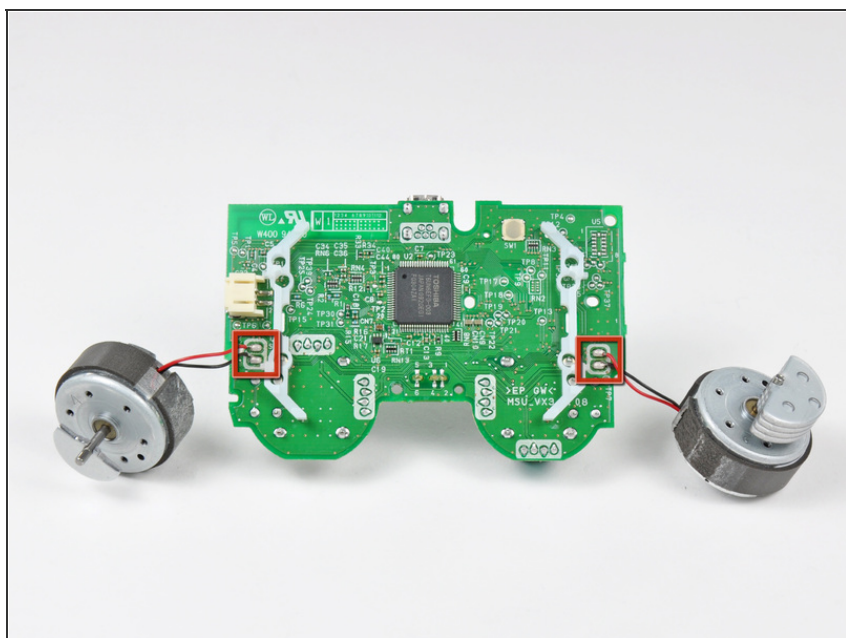
- Lift the input board assembly off the motherboard.




Step 12 — Motherboard



- Pull both analog stick covers straight up off their joystick posts attached to the motherboard.

Step 13



- Use a soldering iron to de-solder both vibration motor wires from the motherboard.
- Don't have too much experience with soldering?  Check out our [soldering guide](#) for detailed instructions.
- The positive (red) wire connects nearest the top of the motherboard. 
- When soldering on circuit boards, be sure not to overheat the connection as permanent damage may result. 

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

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