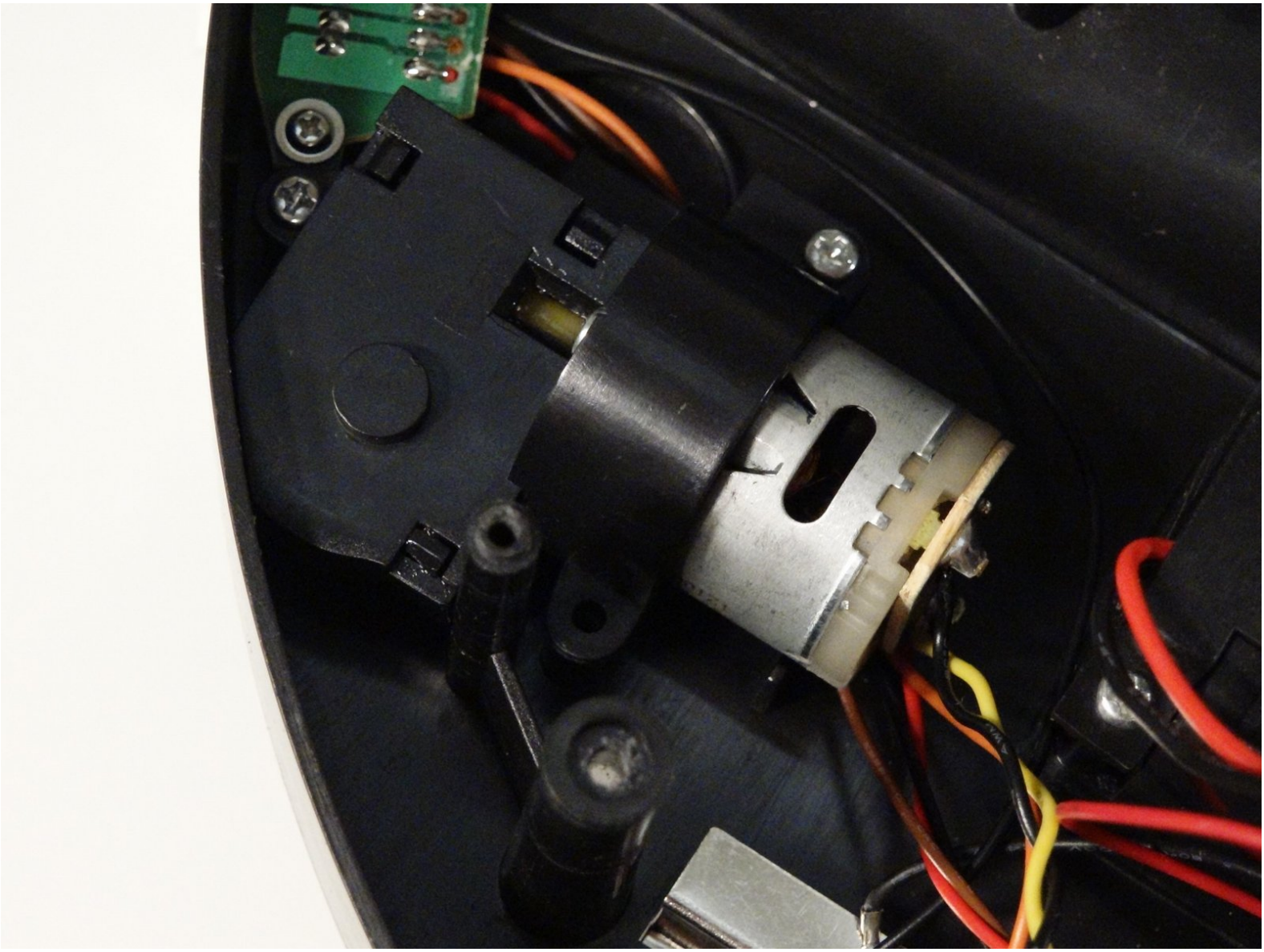
bObsweep's Side Brush Motor Replacement

A tutorial on removing and replacing the side brush motor for bObsweep Standard or Pethair.

Written By: Tatiana



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INTRODUCTION

This guides you through repairing bObsweep's corner cleaning side brush motor.

Video walkthrough:

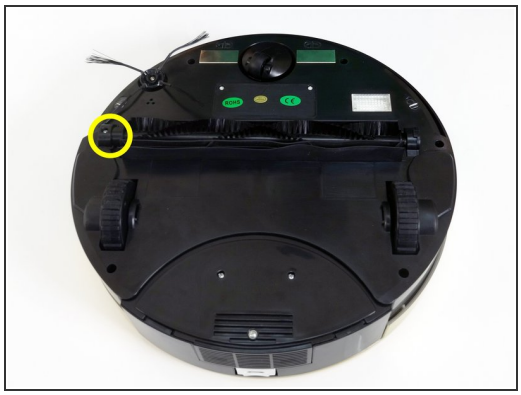
[video: https://www.youtube.com/watch?v=78Rq5N70qlE]

TOOLS:

- Phillips #2 Screwdriver (1)

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Step 1 — bObsweep's cover



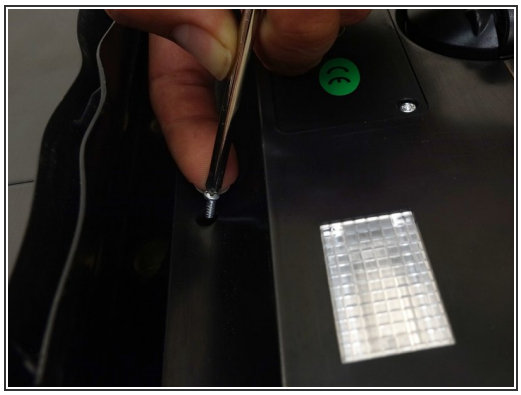


- Flip Bob over and remove the 7 screws around which hold the cover together.
  - Remove the main brush. Unscrew the holder, and lift the brush out. Reminder: Keep this screw separate from the others so you can use it later to reinstall.

Depending on your model, there may be only 6 screws installed on bObsweep.

Step 2

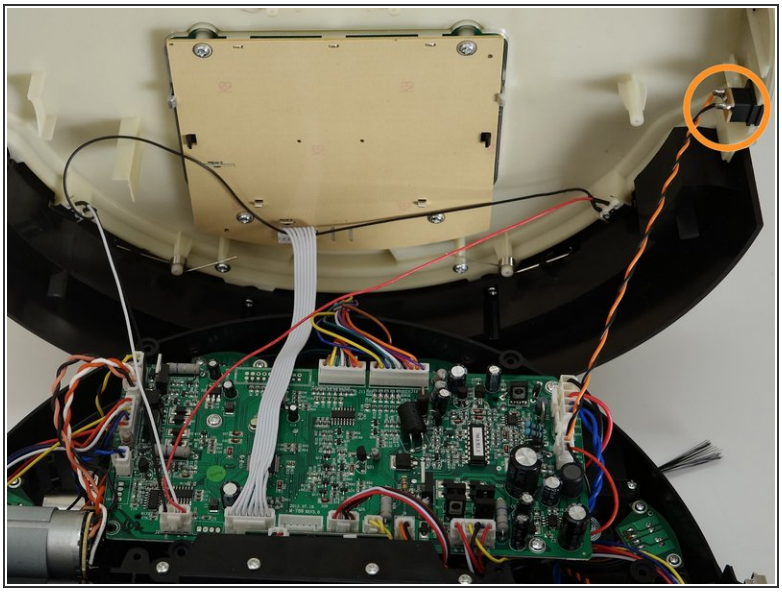


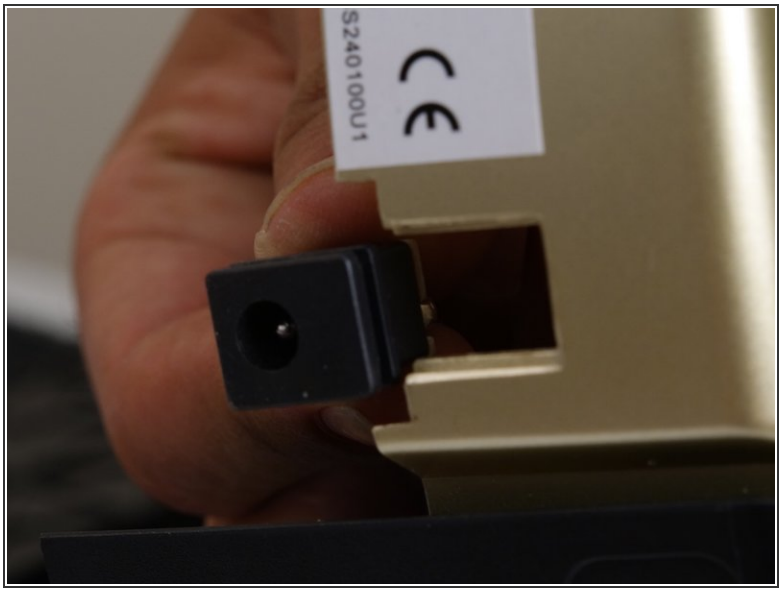


- There are two screw holes inside the brush compartment: one in the centre, one on the left end. Remove both and keep aside for reassembly.
- There are five more screws around bObsweep's edges. Two are installed at the top and bottom, and one on the right end of the main brush.

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Step 3

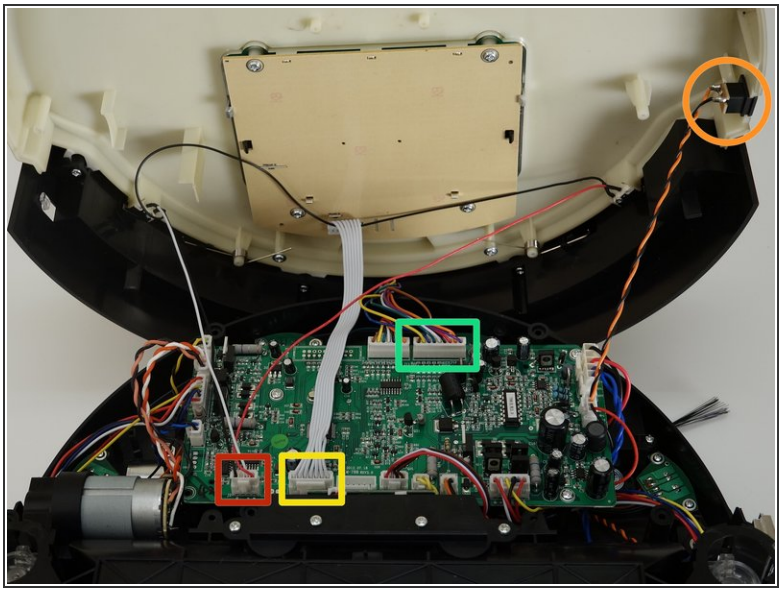


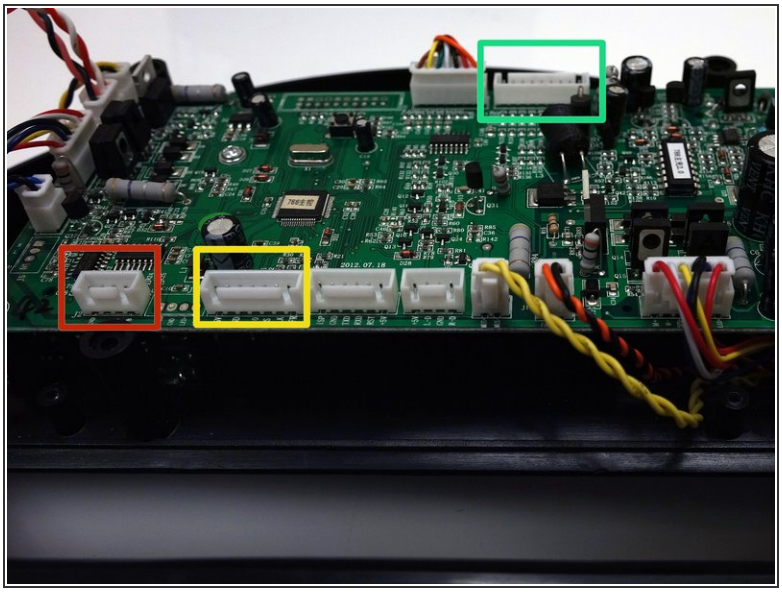


- Flip bOb back over so you can see the screen. Lift the cover up to reveal bObsweep's main board.
- Detach the power inlet from the cover. Grip and slide it out.

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Step 4

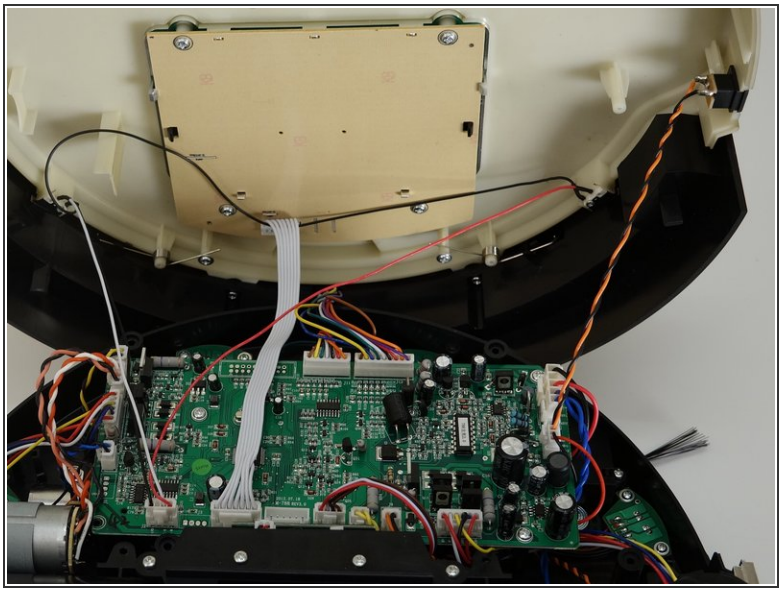


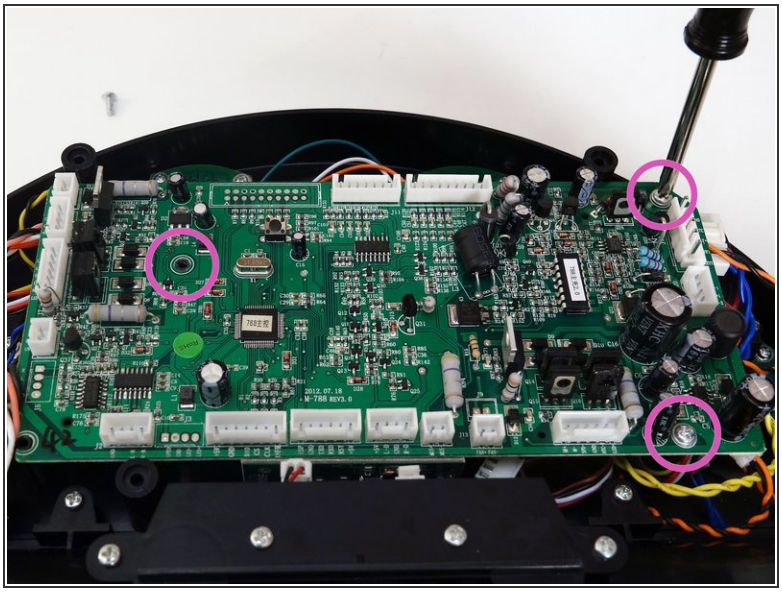


- Remove three circuit plugs from the motherboard. Pinch the small white tab on the side of each circuit plug and pull straight up to release each from the motherboard.
  - 1. On the bottom left corner: a small connector with red, black and white wires.
  - 2. One thick white wire that attaches on the right side of the previous connector.
  - 3. On the top edge of bOb’s motherboard: a wide multicoloured connector.
- Place the cover aside and begin your repair.

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Step 5 — Main Board



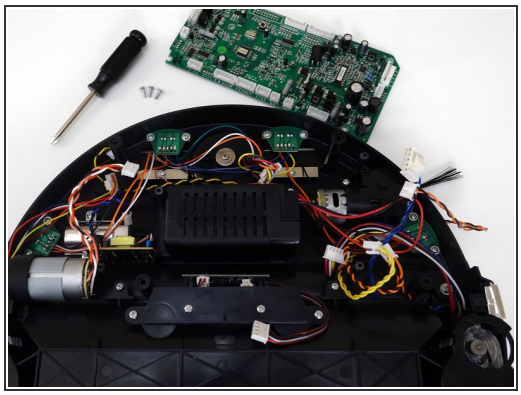


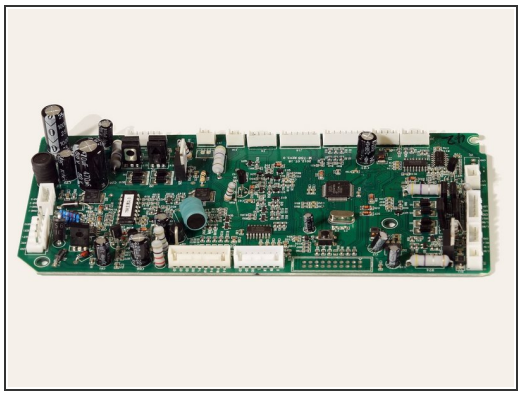
- After opening bObsweep, you will see the main board in the center. To remove it, you will need to unplug 11 more circuit plugs and uninstall 3 screws.
  - There is one in the centre of the motherboard, near the multicoloured plug for Bob’s left wheel.
  - The second is close to the top right corner.
  - The third is near the bottom right edge.

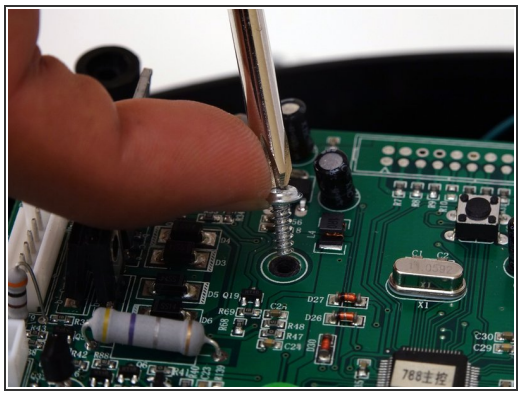
Keep all three screws. They will be needed later while installing the replacement main board.

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Step 6





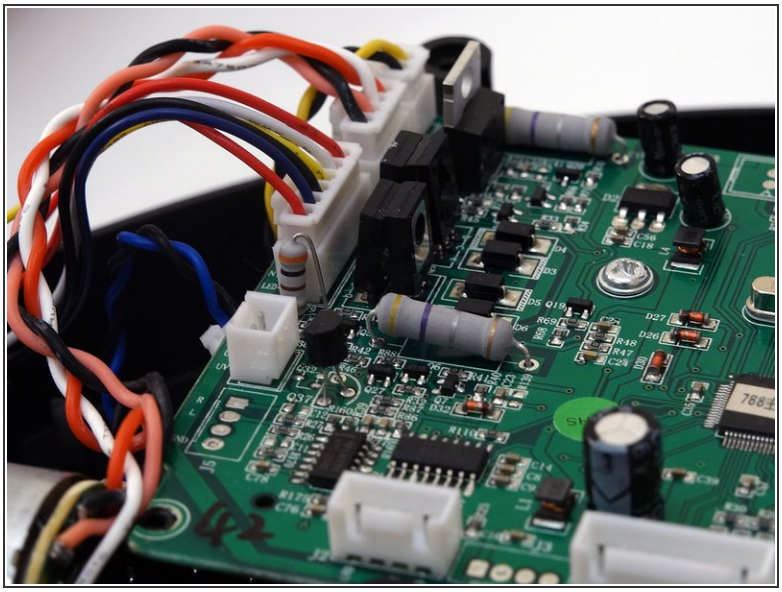


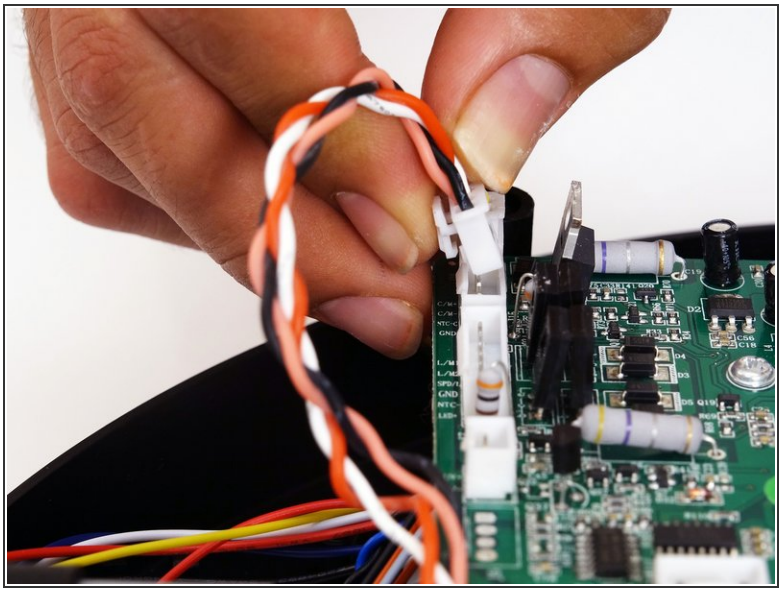
- Detach all of the motherboard's circuit plugs. Keep note of where each plug attaches for installation of the new one.
- Lift the main board up and replace it with a new functional one. Make sure the replacement main board lies flat on top of the screw posts inside bObsweep.
- Re-install the 3 screws you removed in the previous step.

All the circuit plugs you removed in the first step must be reconnected in the correct spaces.

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Step 7

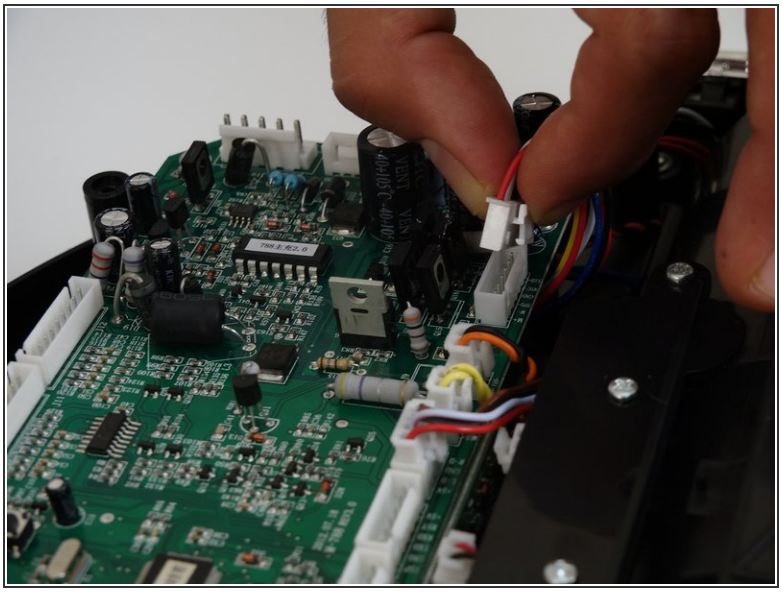


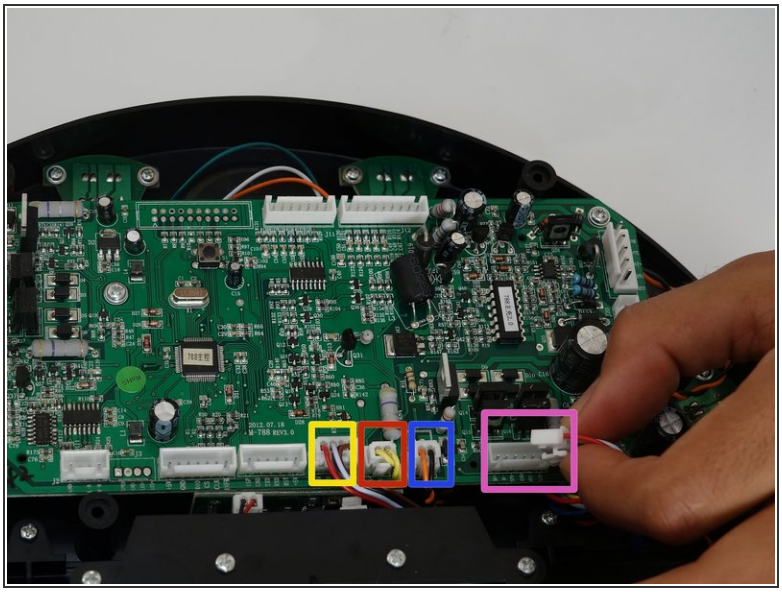


- The order along the motherboard’s left edge from the top down is:
  - A small yellow and black circuit plug.
  - The main brush motor's circuit plug which has two pairs of twisted wires, one red and white, the other pink and black.
  - A wider, multicoloured circuit plug which is attached to bObsweep’s left wheel.
  - Finally, a small circuit plug with black and blue twisted wires.
- When all have been connected to bObsweep, begin putting the cover back together before vacuuming again.

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Step 8



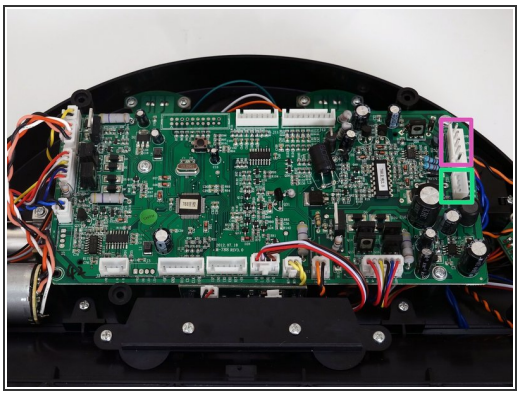
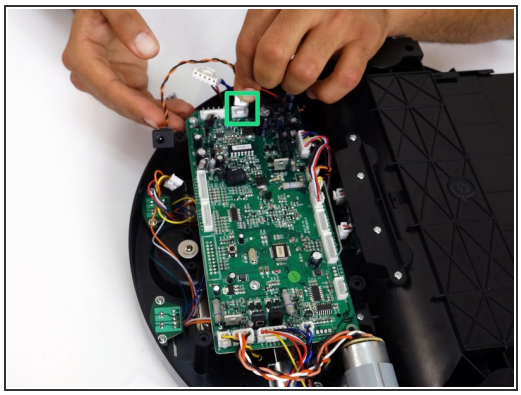
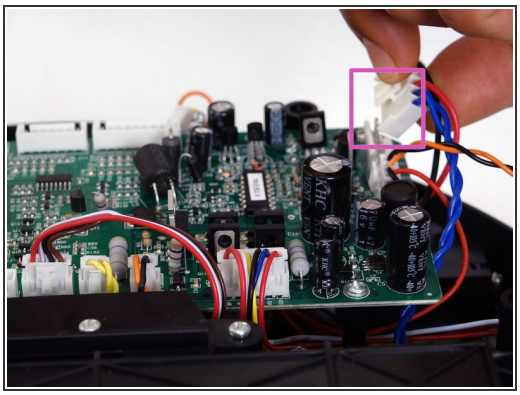


- The order from left to right along the bottom ledge should be reconnected as follows:
  - A circuit plug with multicolored wires and a wide base which connects to Bob's right wheel.
  - A small black and orange wired circuit plug
  - A small yellow wired plug.
  - A small circuit plug with red, black, white, and brown wires.

There will be 3 empty spaces left on this row. Two will be filled when you put the cover back on.

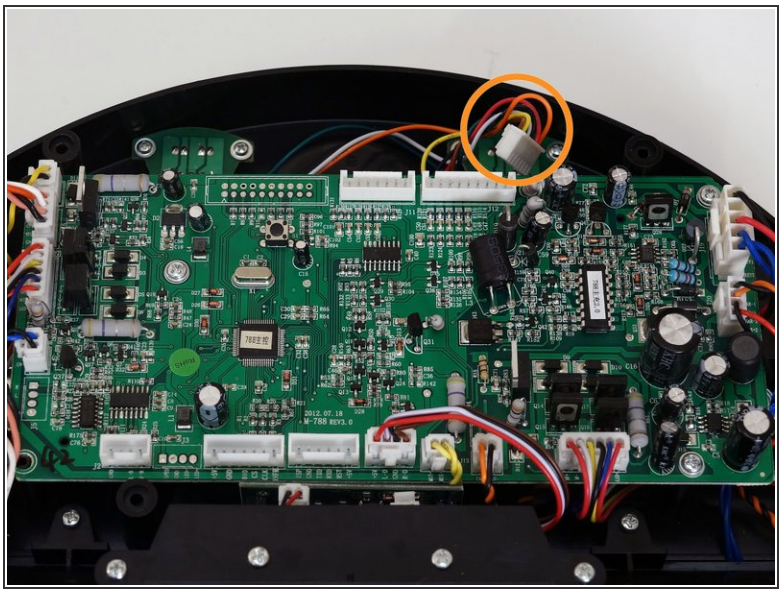
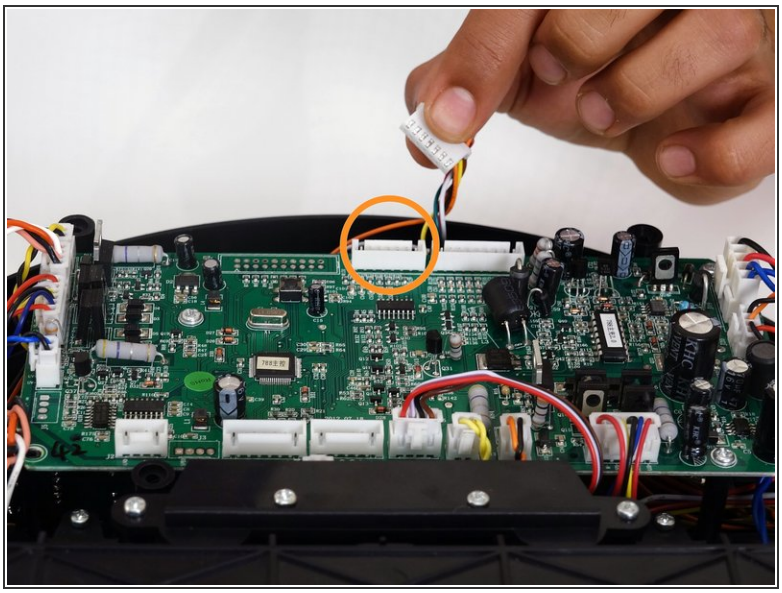
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Step 9

- At the top of the motherboard's right edge is a wide, red, black, and blue circuit plug.
- Beneath that is a smaller plug for Bob's power inlet with orange and black wires.
- Plug each one into the motherboard in the suitable slot.

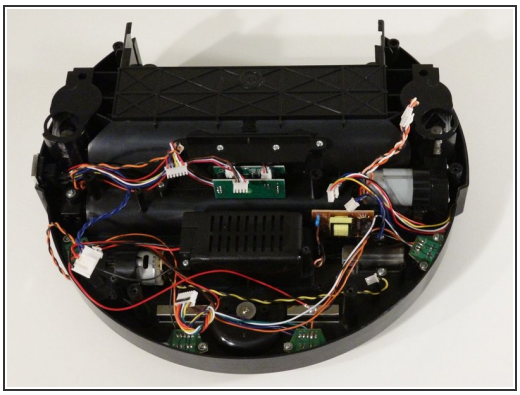
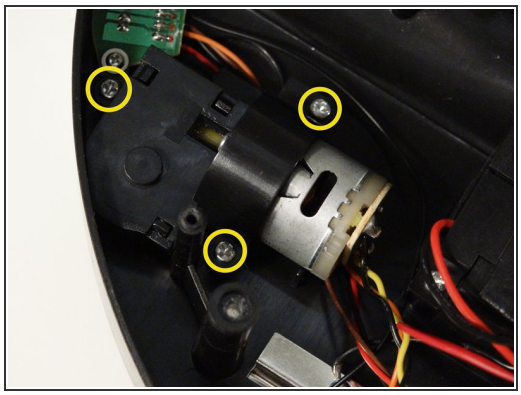
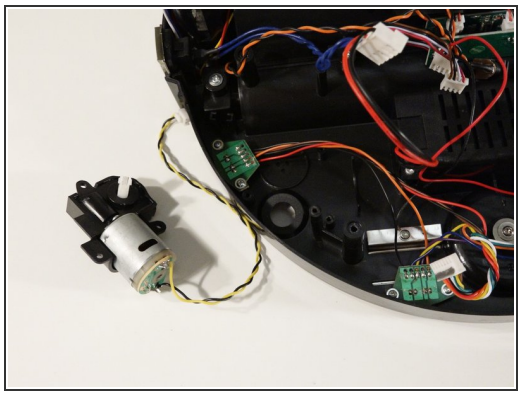
Step 10

- There are two wide, multicoloured circuit plugs that attach to the top edge of the motherboard. One was removed to detach bObsweep's cover, so the space will stay empty for now.
- The other plugs in on the right side of the open space.

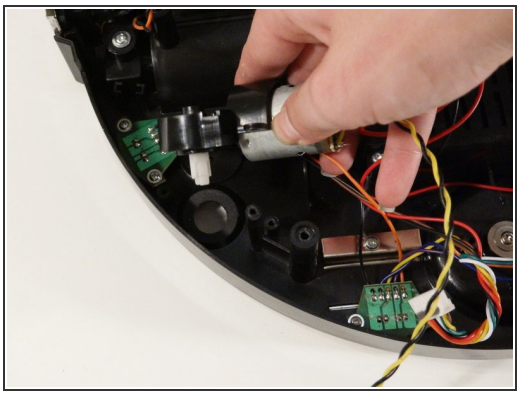
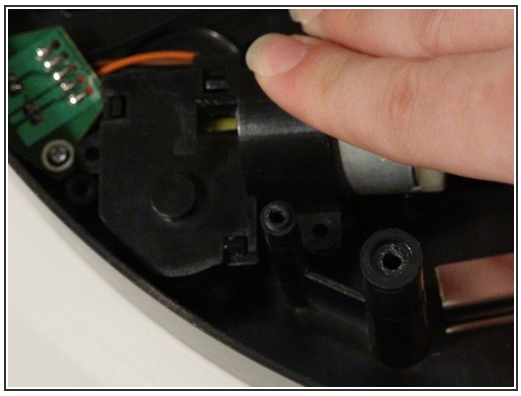
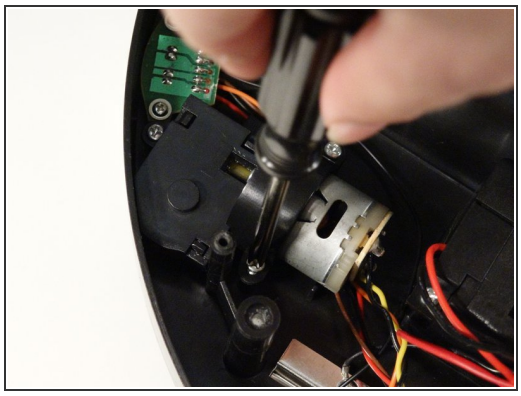
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Step 11 — Side Brush Motor

- Once the main board is removed, the side brush motor will be accessible.
- Uninstall the three screws holding it inside bOb.
- Lift up and replace with your new motor.

Step 12

- Place the new motor in the open space, with the brush attachment facing down.
- Ensure it sits flat, and aligns with the screw posts in Bob.
- Install the three screws removed previously, then replace the main board and see the tutorial on closing Bobsweep: Closing bObsweep's cover after repair

To reassemble your device, follow the step-by-step Closing bObsweep guide.

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