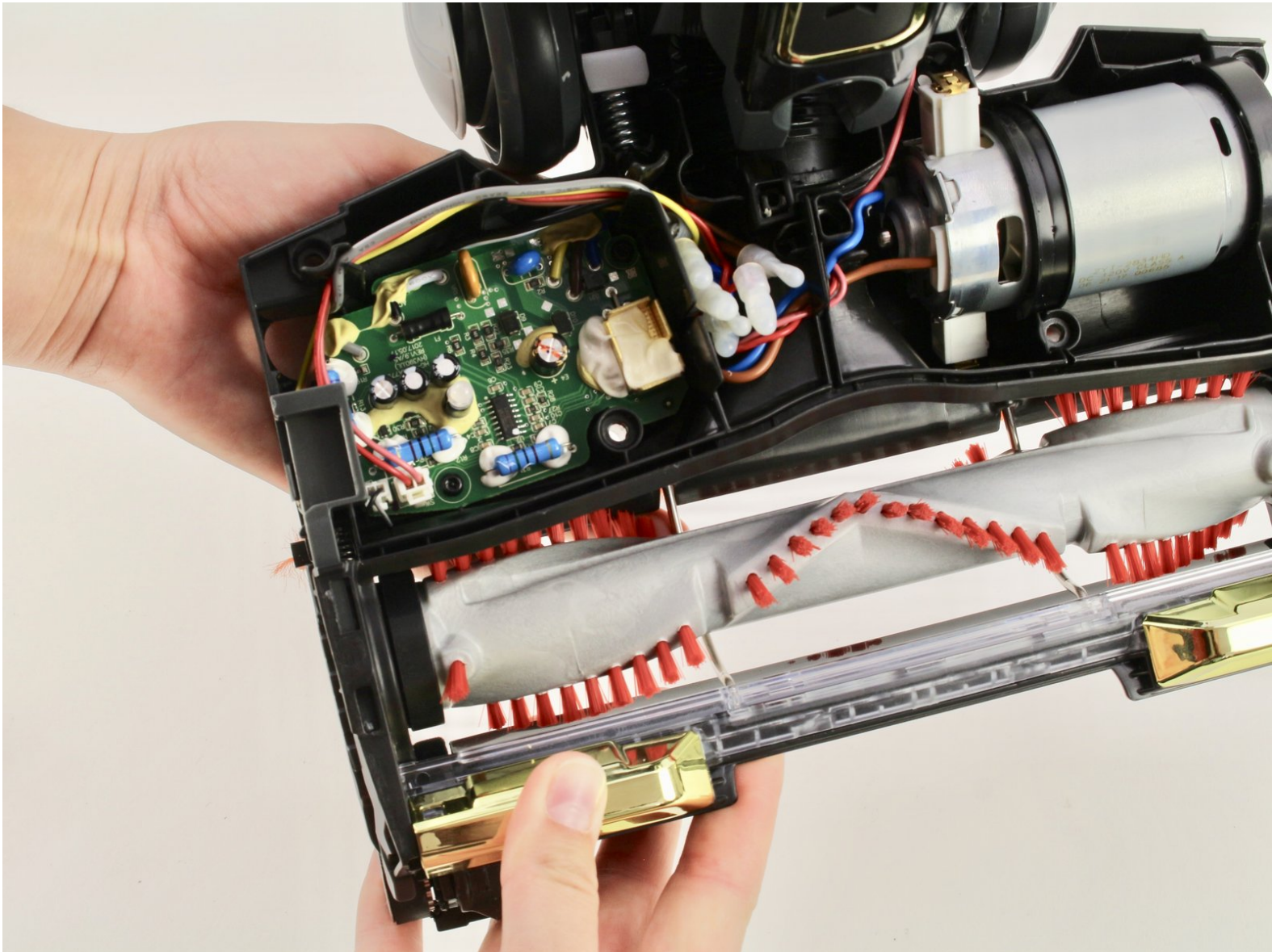




Shark Flex DuoClean Motherboard Replacement

How to replace the motherboard for the Shark Flex DuoClean HV391 vacuum.

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INTRODUCTION

[Soldering](#) skills are required.



TOOLS:

- [T10 Torx Screwdriver](#) (1)
 - [Metal Spudger Set](#) (1)
 - [Desoldering Braid](#) (1)
 - [Soldering Iron](#) (1)
 - [Solder](#) (1)
 - [Flush Wire Cutters](#) (1)
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Step 1 — Garage Door



- Open the garage door by sliding both of the release buttons away from you.
- Lift off the garage door.

Step 2 — Side Component



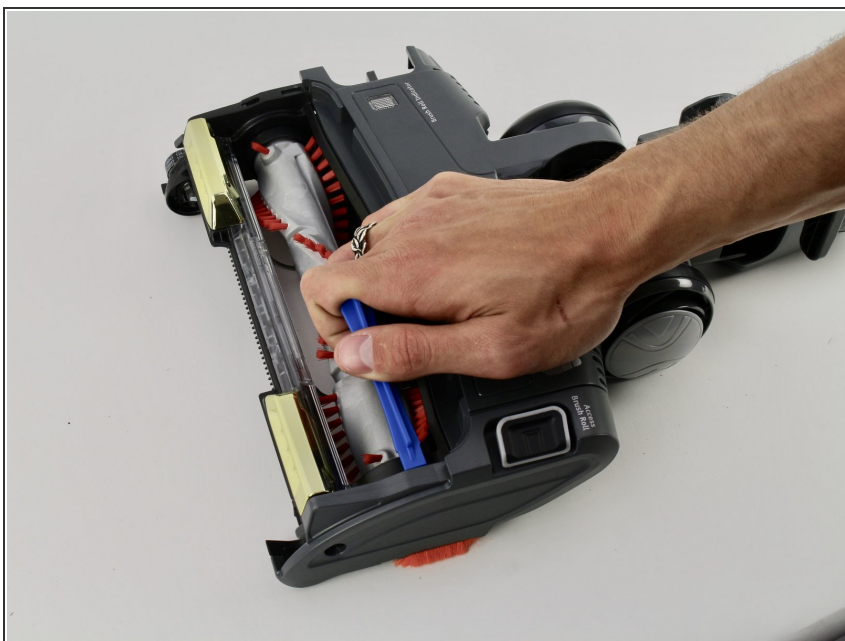
- Remove the plastic screw covering using a metal spudger by pushing the sharp side into the crevice and prying the cover out.

Step 3



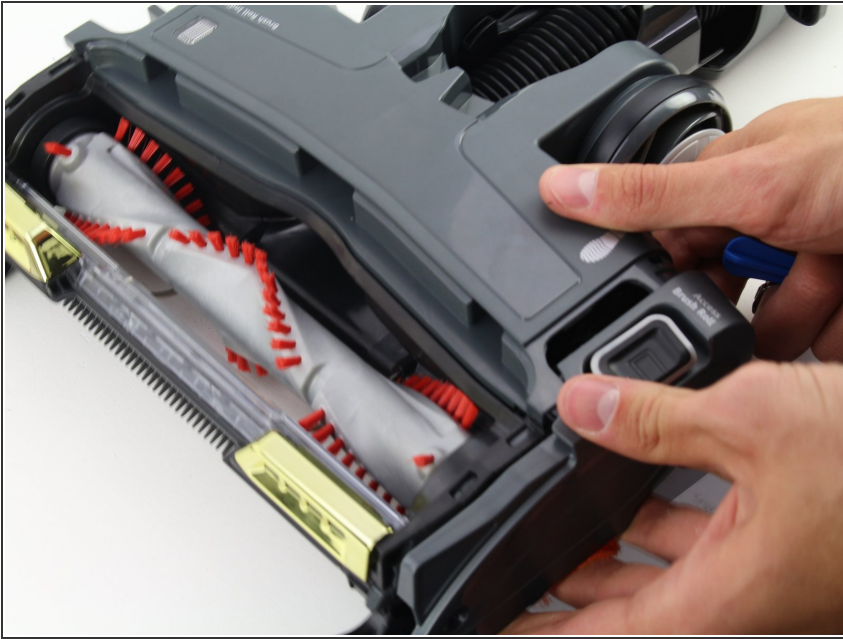
- Turn the T10 Security Torx screwdriver counterclockwise to remove the 15mm screw.

Step 4



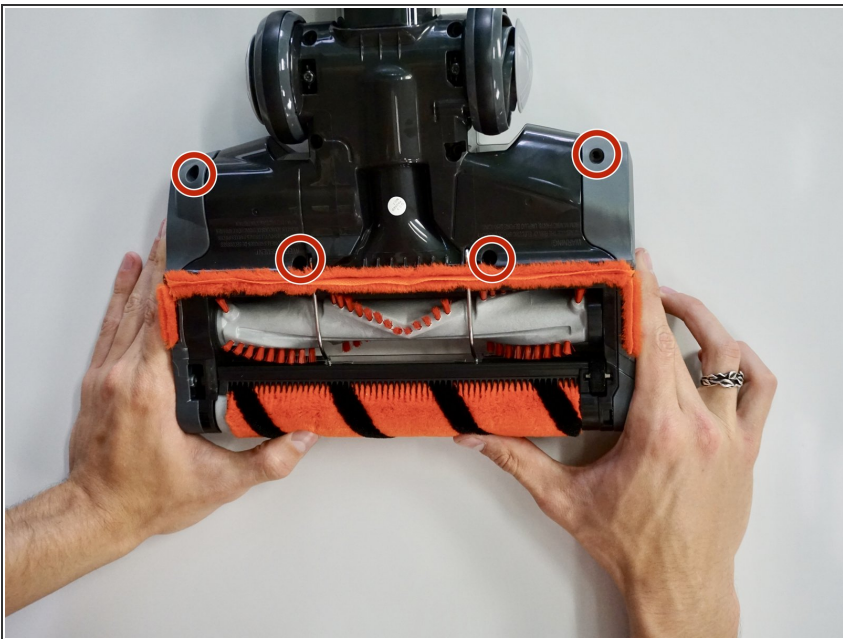
- Use the iFixit Opening Tool to pry the side of the vacuum open.

Step 5



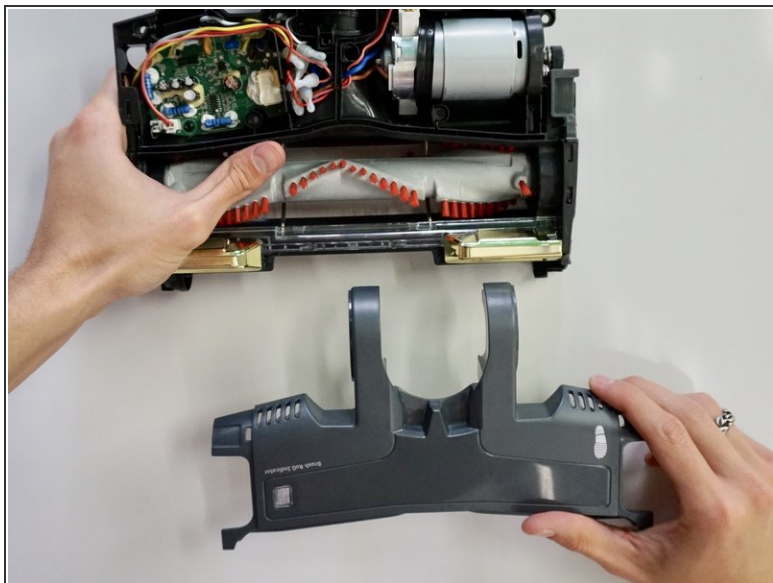
- Remove the side component with your hands.

Step 6 — Top Component



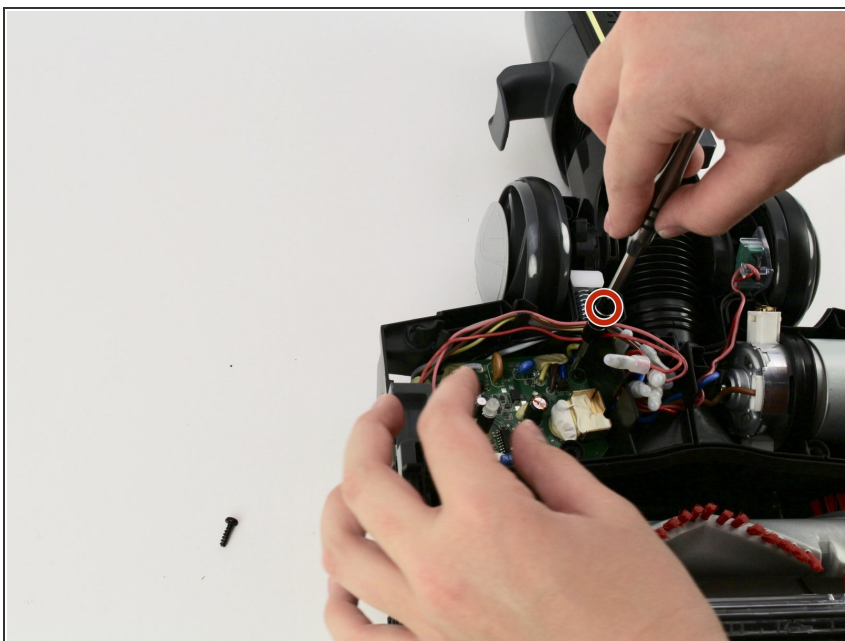
- Remove the four 15 mm T10 screws on the underside of the vacuum.

Step 7



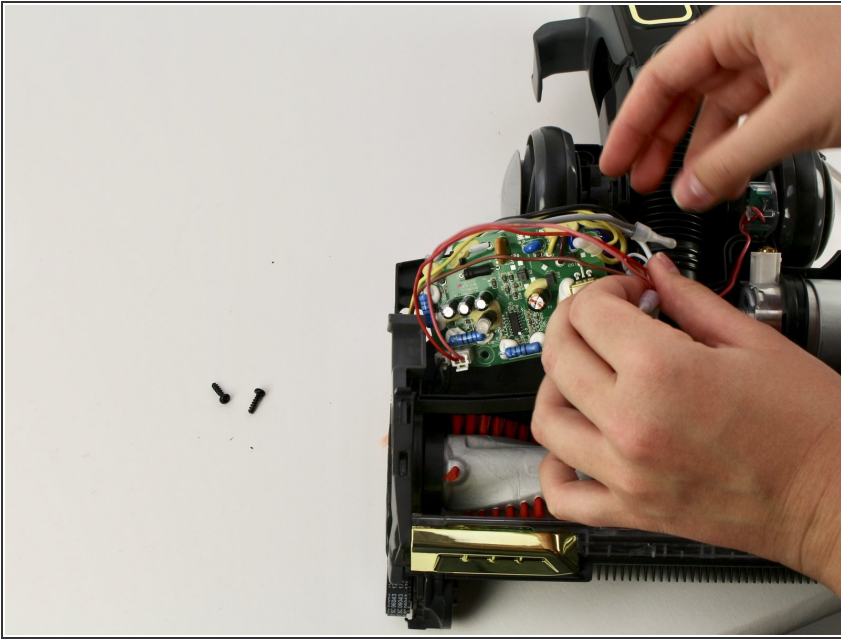
- Using the plastic spudger, pry the back seam of the top component to pop it off the vacuum.

Step 8 — Motherboard



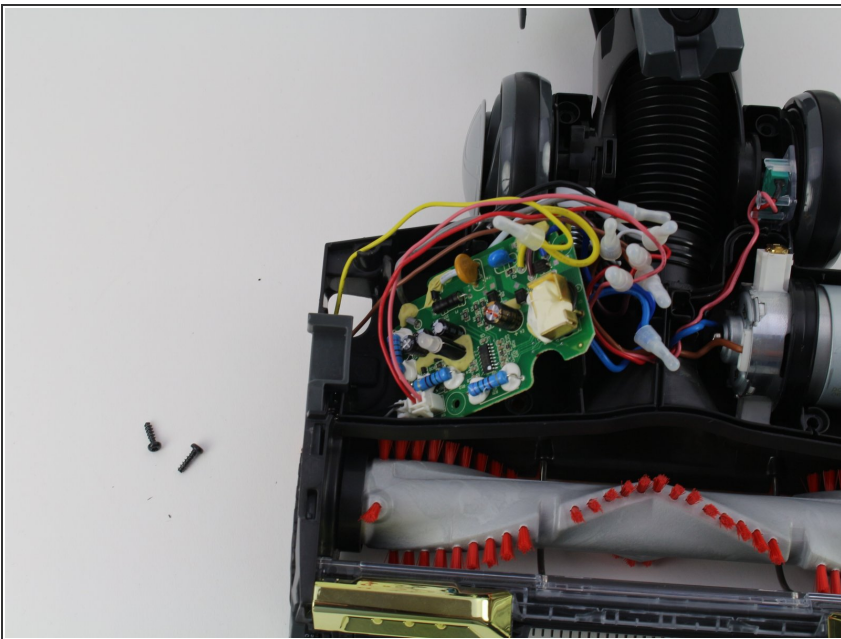
- Remove one 15mm T10 screw from the inside left of the base of the vacuum to access the motherboard.

Step 9



- Using the nylon spudger, place the curved side under the motherboard.
 - Gently pry the motherboard out of the base of the vacuum.
- ⚠ Do not use your fingers to take out the motherboard, as the bottom can be sharp.
- ⓘ The motherboard will still be connected to the base with wires.

Step 10



- Desolder the motherboard wires using wire cutters.

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