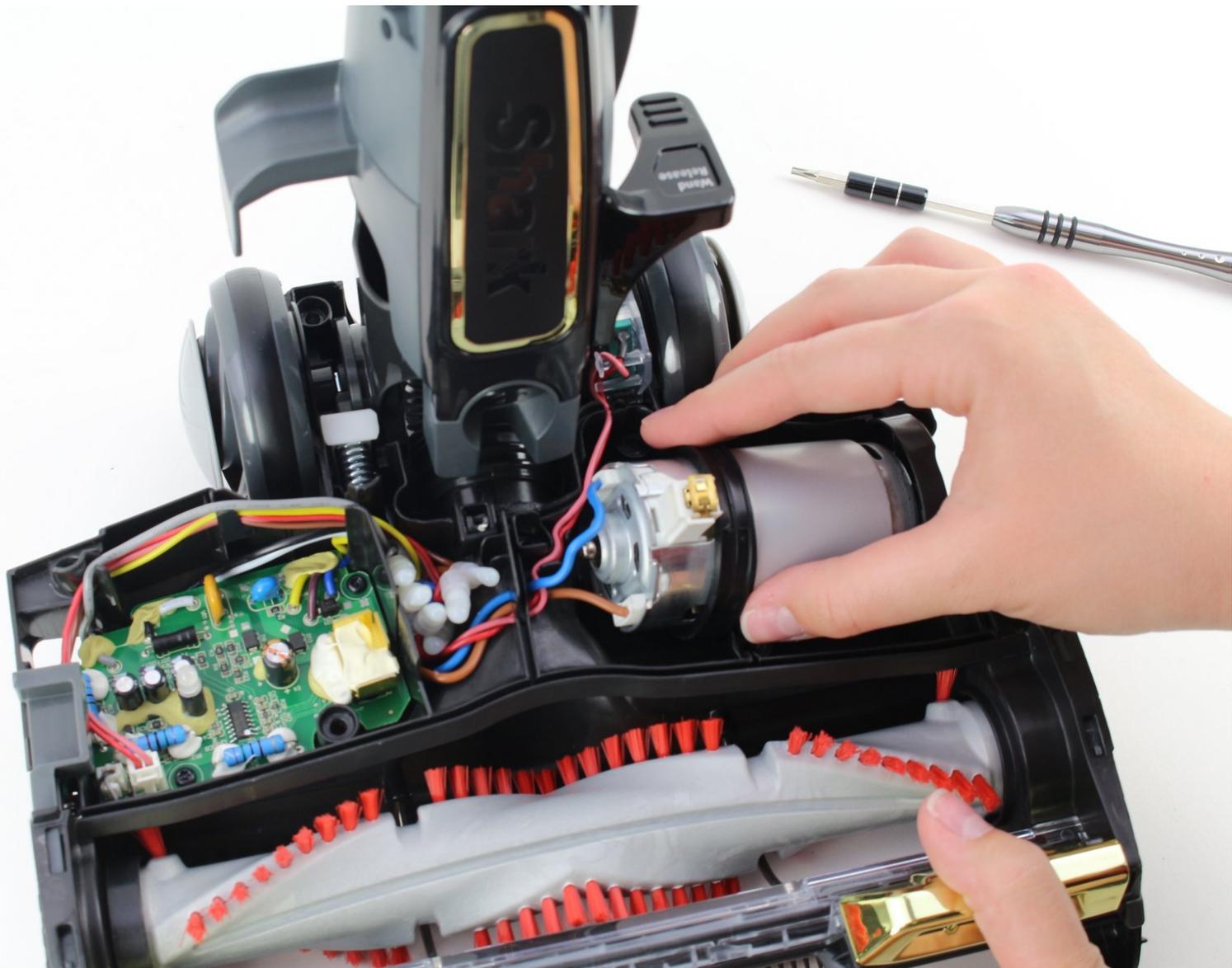




# Shark Flex DuoClean Motor Replacement

How to replace dying or failing motor of the Shark Flex DuoClean HV391 Vacuum.

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## INTRODUCTION

If you need to replace the motor of your Shark Flex DuoClean, follow this guide. To remove the motor, soldering skills are required. See [this guide](#) for soldering instructions.

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### TOOLS:

- [Metal Spudger Set](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [T10 Torx Screwdriver](#) (1)
  - [Solder](#) (1)
  - [Desoldering Braid](#) (1)
  - [Soldering Iron](#) (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



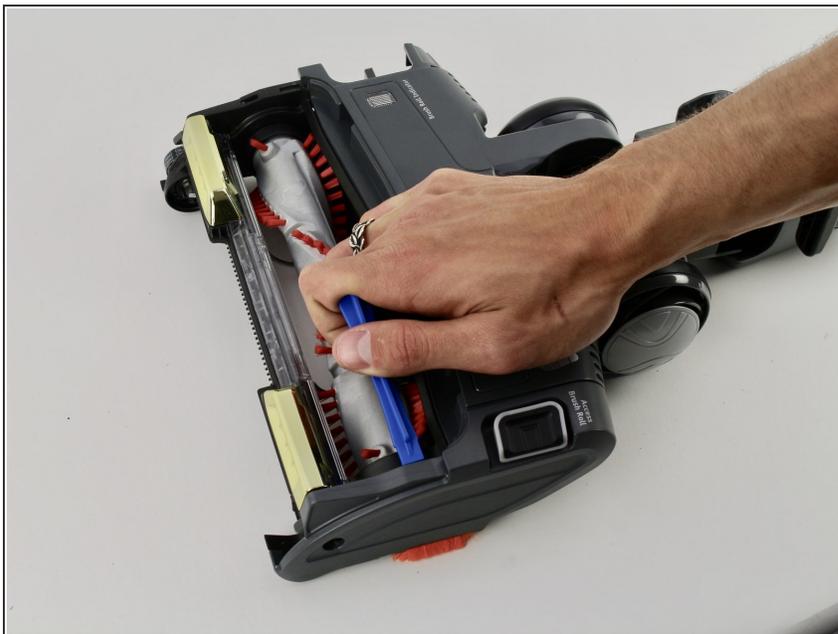
- Remove the plastic screw covering using a metal spudger by pushing the sharp side into the crevice and prying the cover out.

### Step 3



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

### Step 4



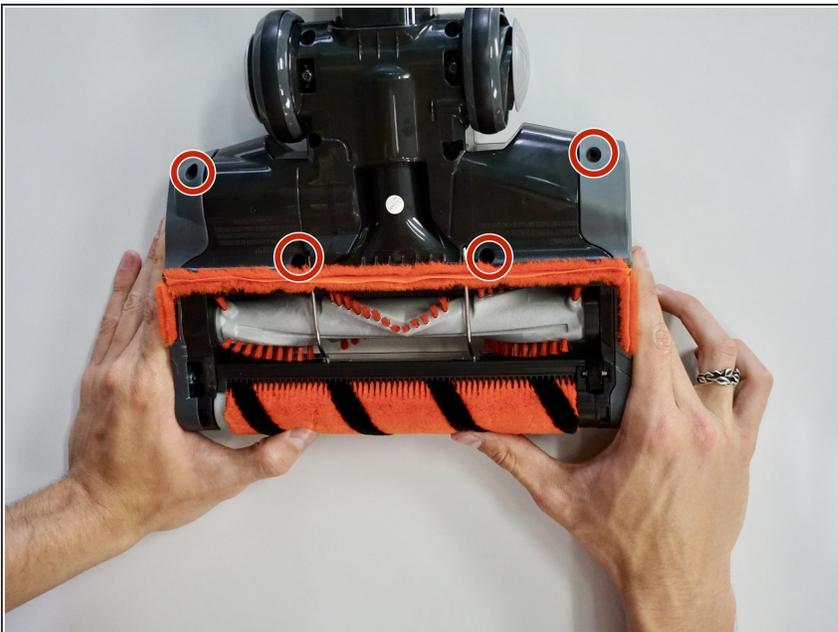
- Use the iFixit Opening Tool to pry the side of the vacuum open.

## Step 5



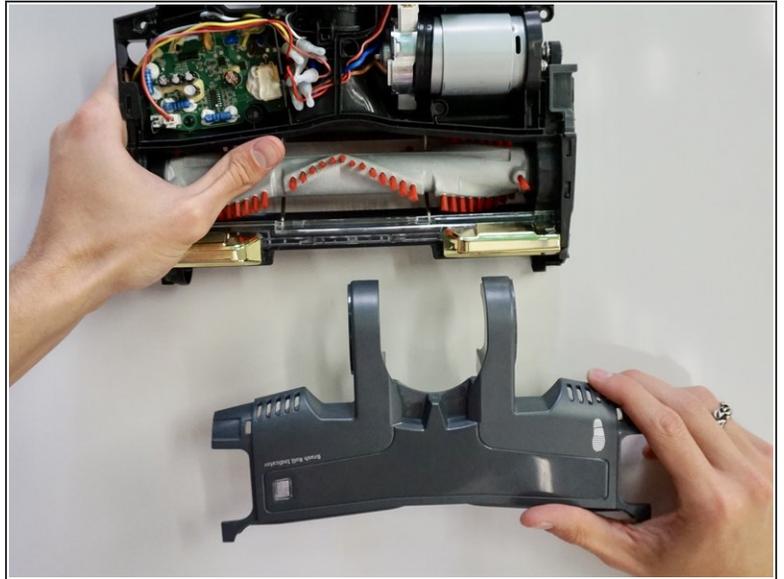
- Remove the side component with your hands.

## Step 6 — Top Component



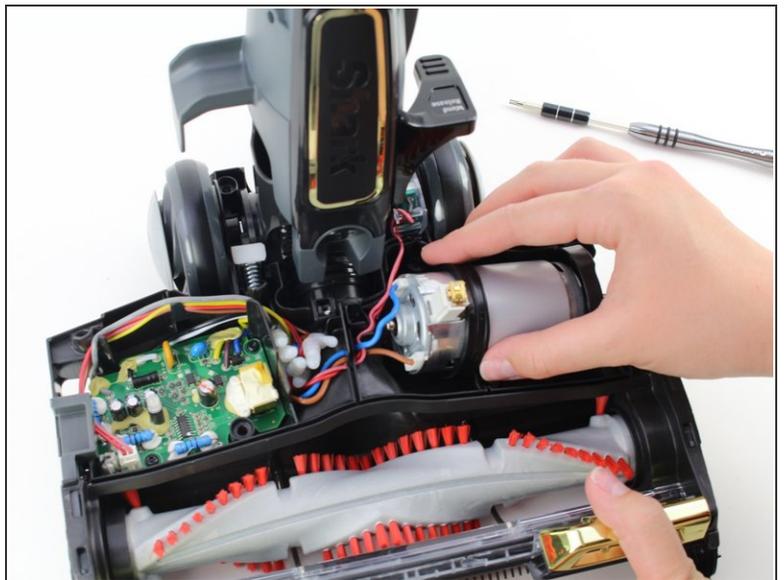
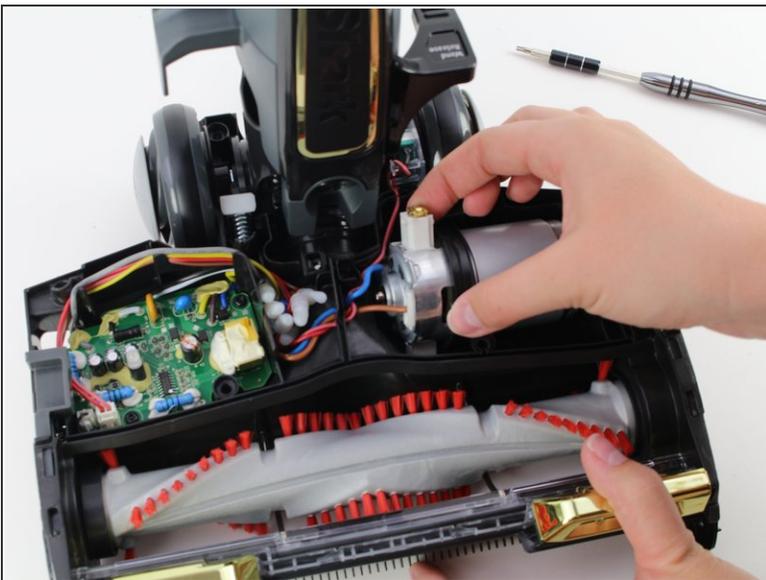
- Remove the four 15 mm T10 screws on the underside of the vacuum.

## Step 7



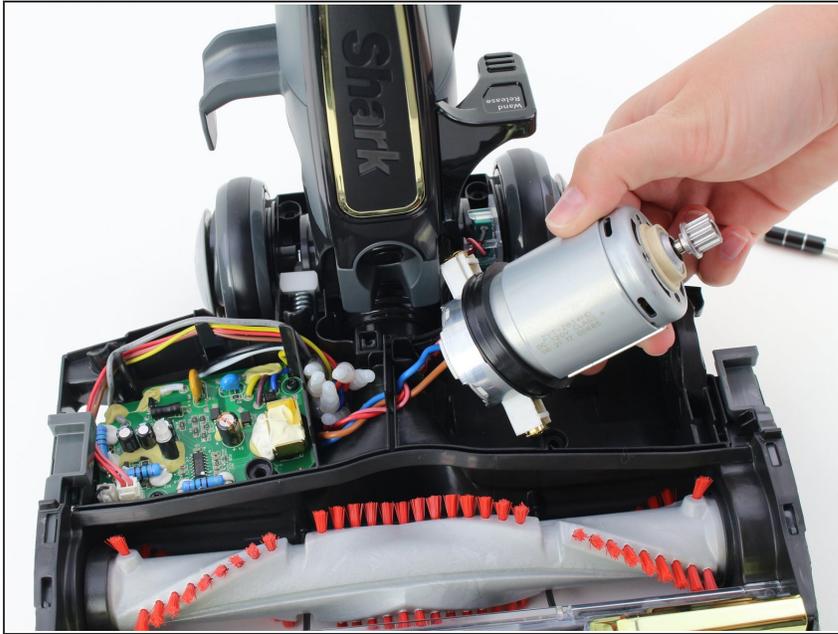
- Using the plastic spudger, pry the back seam of the top component to pop it off the vacuum.

## Step 8 — Brush Motor



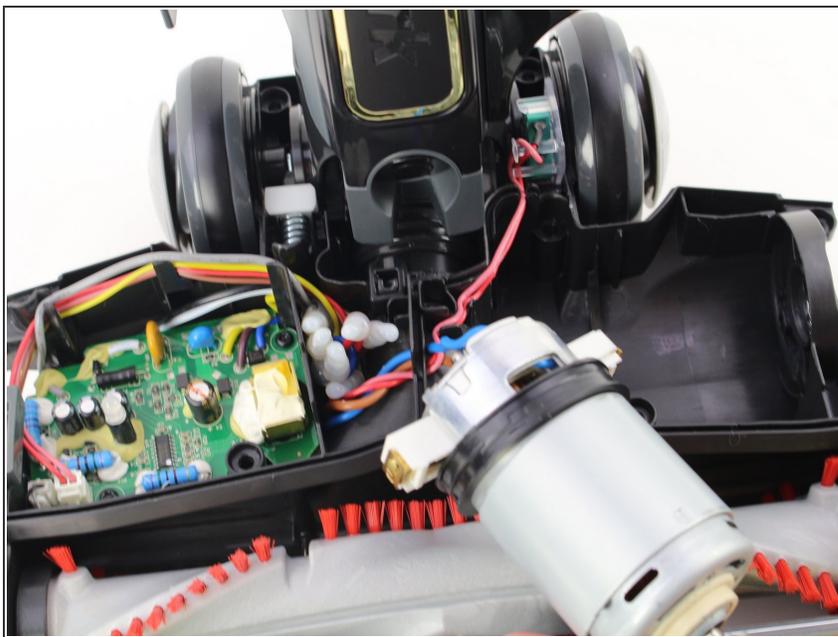
- Orient the vacuum so you are looking down at the open garage of the vacuum.
- Using your right hand, rotate the top of the silver motor towards the brush roll of the vacuum so the motor fits through the opening.

## Step 9



- With both thumbs, push the gear on the right side of the motor into the vacuum. The motor should pop out.
- Slowly pull the motor out of the vacuum base and reveal the electrical cords.

## Step 10



- To fully remove the motor, cut the wires.
- ⓘ For reassembly, use the soldering guide in the Introduction.

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