



# Shark Rocket Powerhead AH401 Motherboard Replacement

This guide will help you replace the motherboard in your Shark Rocket Powerhead AH401.

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# INTRODUCTION

If one of the components on the motherboard is damaged, it is easier to replace the whole motherboard. Gaining access to the motherboard requires disassembling the vacuum. This guide will demonstrate how to remove the motherboard of your Shark Rocket Powerhead AH401.




## TOOLS:

- [T15 Torx Screwdriver](#) (1)
  - [T10 Torx Screwdriver](#) (1)
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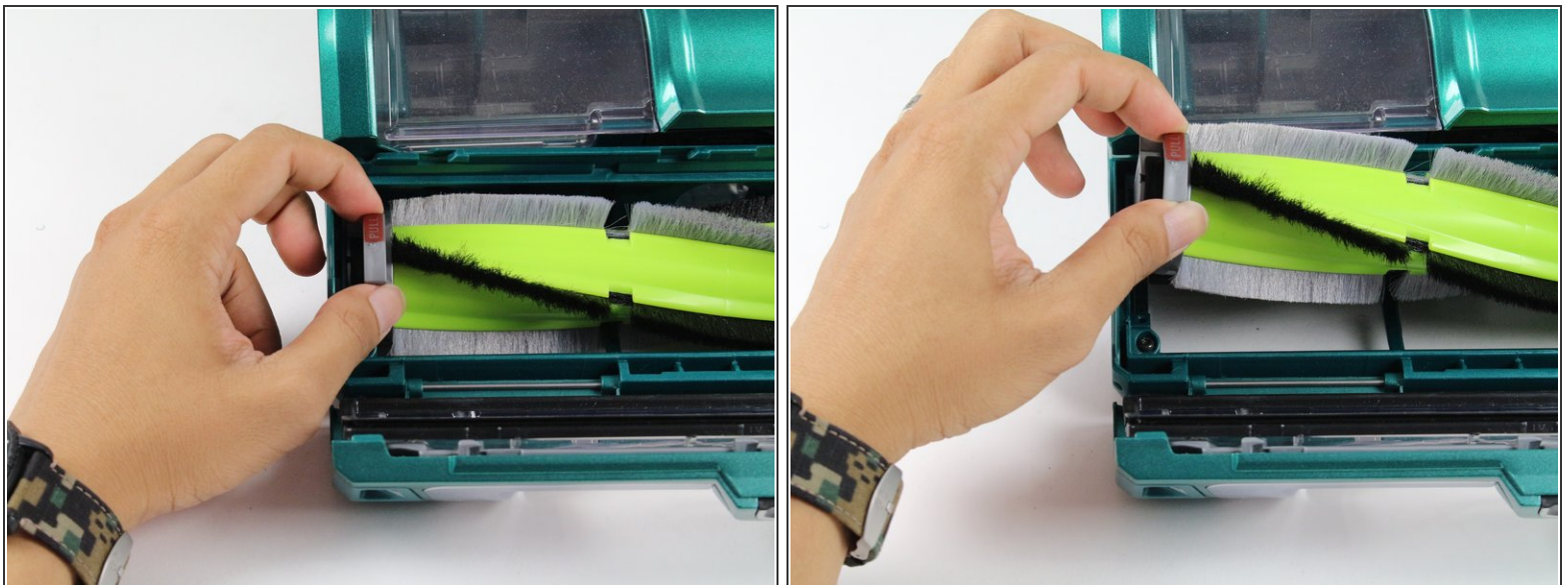
## Step 1 — Brushroll



 Ensure the device is turned off and unplugged from any power source before beginning work.

- Locate the two tabs with white arrows on them. They are located on either side of the brushroll cover.
- Slide the tabs away from the center of the vacuum to unlock the brushroll cover.
- Lift the brushroll cover upward.


## Step 2



- Lift the brushroll out by pulling the tab labeled "pull".

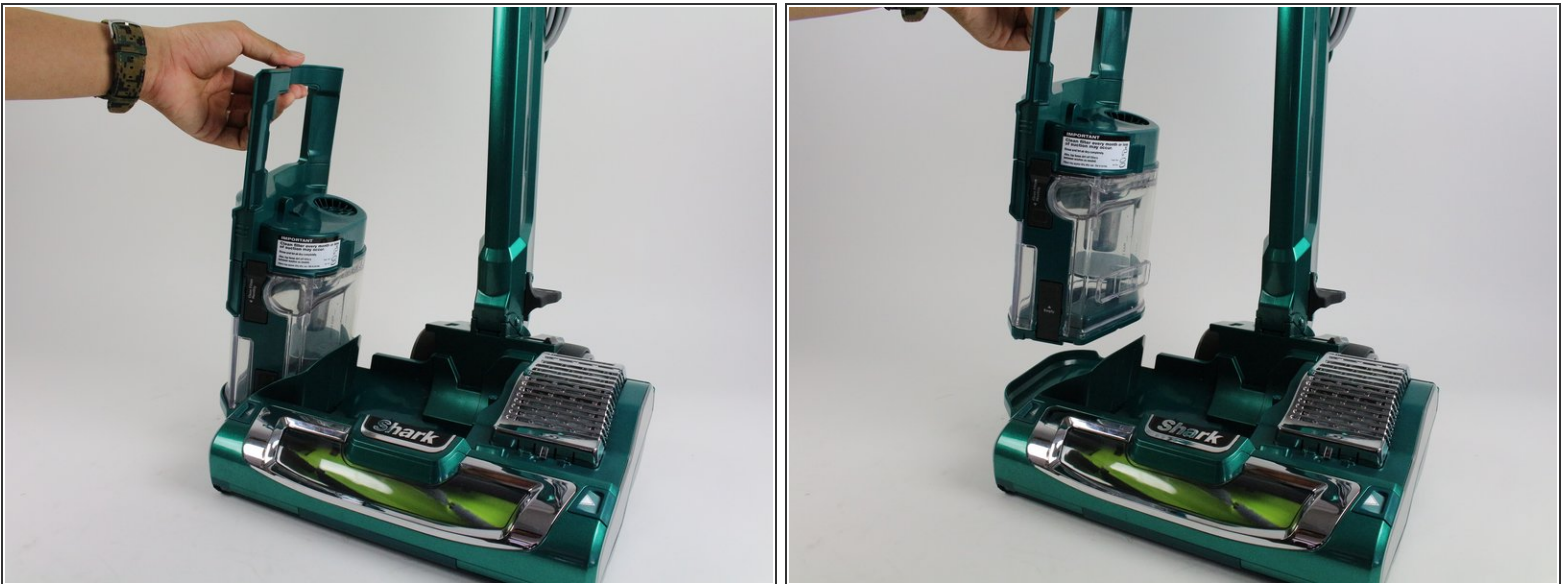
### Step 3 — Dust Cup



 Ensure the device is turned off and unplugged from any power source before beginning work.

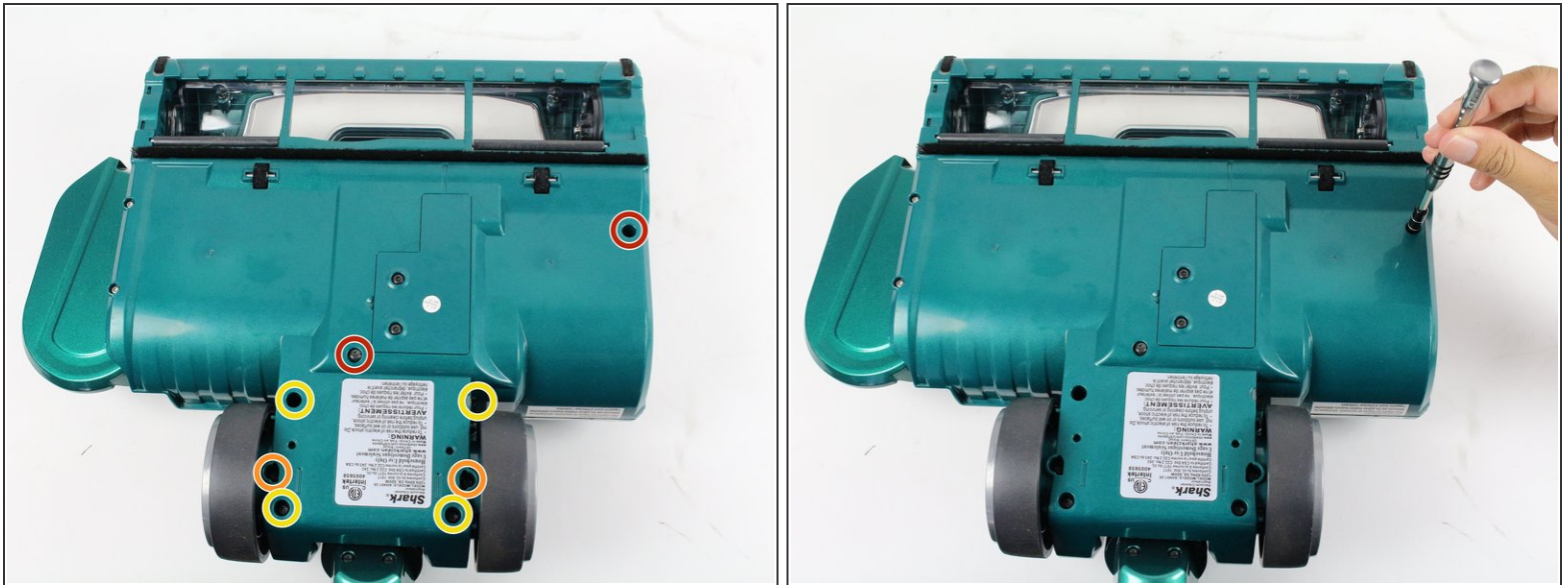
- Push down on the dust can lever to release the dust can in order to get to the filter grill.

### Step 4



- Remove the dust cup by lifting it off the dock.

## Step 5 — Back Panel Screws



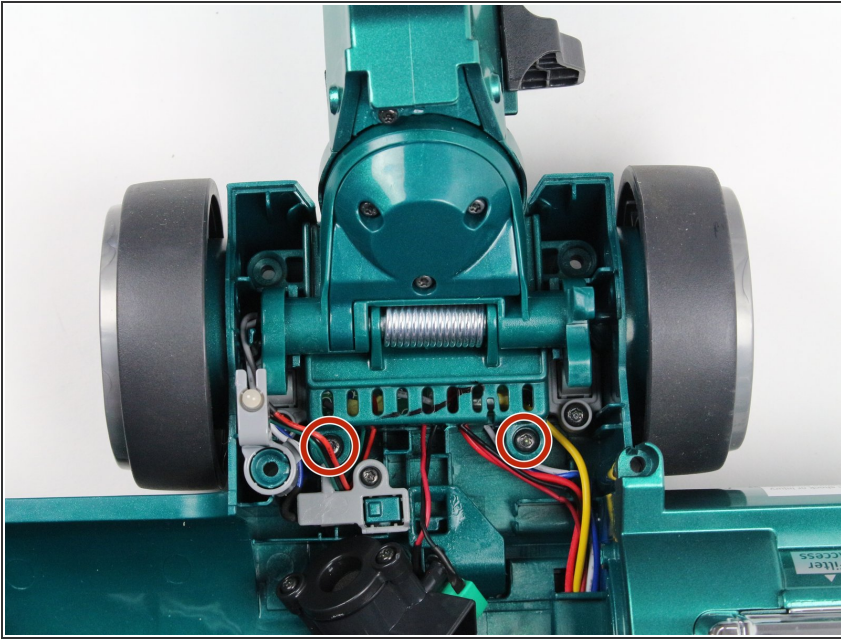
- Flip the device over so that the bottom is face up.
- Remove the eight screws shown by rotating counter-clockwise with a T15 Torx screwdriver.
  - Two 14 mm Torx screws
  - Two 16 mm Torx screws
  - Four 21 mm Torx screws

## Step 6 — Motherboard



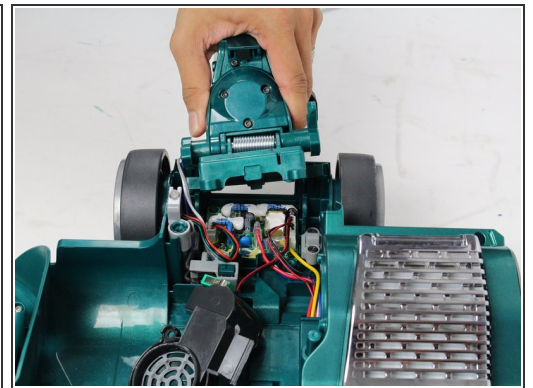
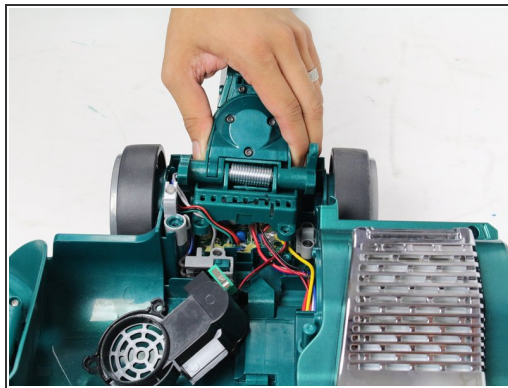
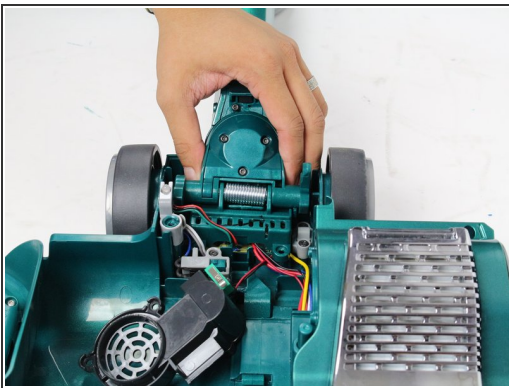
- Remove the three 10mm screws by rotating counter clockwise with a T15 Torx screwdriver.
- Remove the airpath grille by gently lifting up and away from the motor compartment.

## Step 7



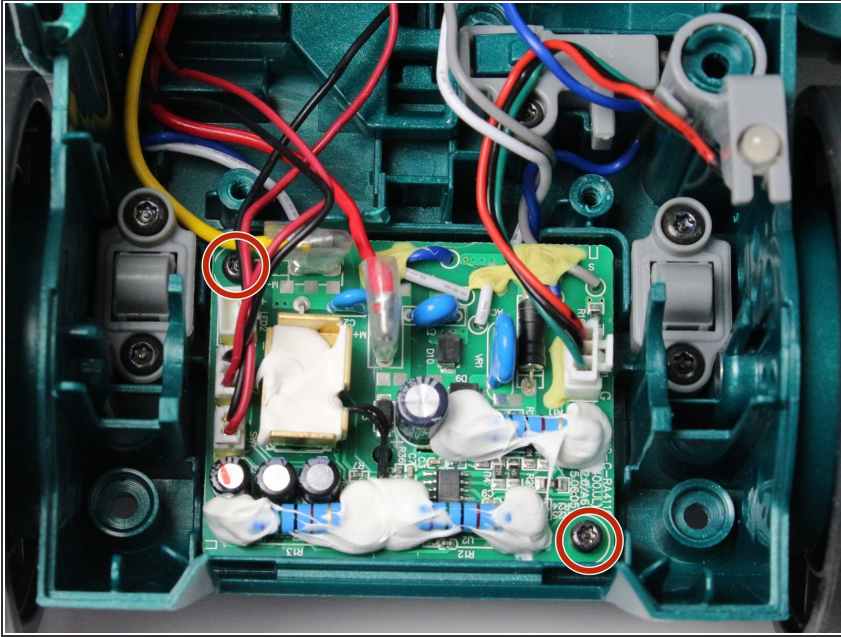
- Remove two 14mm screws by rotating counter-clockwise with a T15 Torx screwdriver.

## Step 8



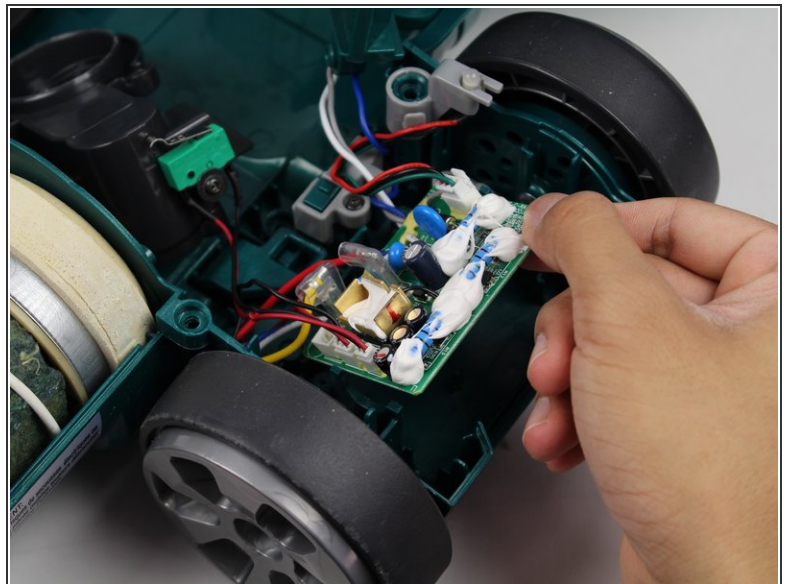
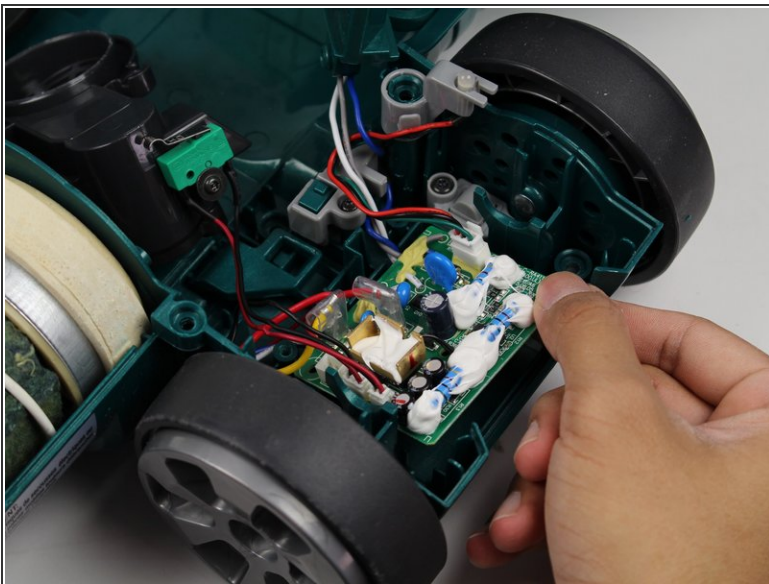
- Lift and gently remove the hinge compartment covering the motherboard.

## Step 9



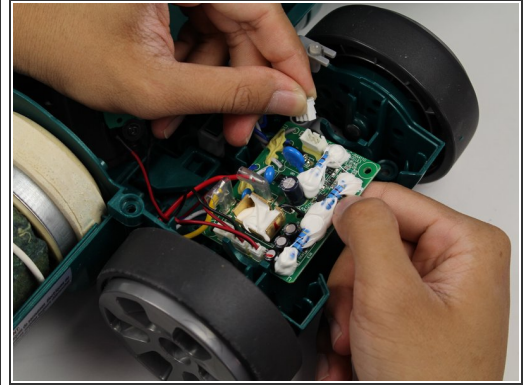
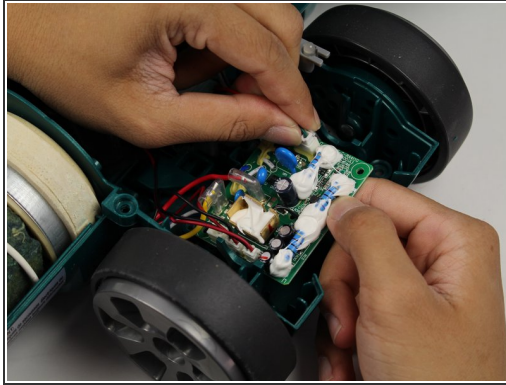
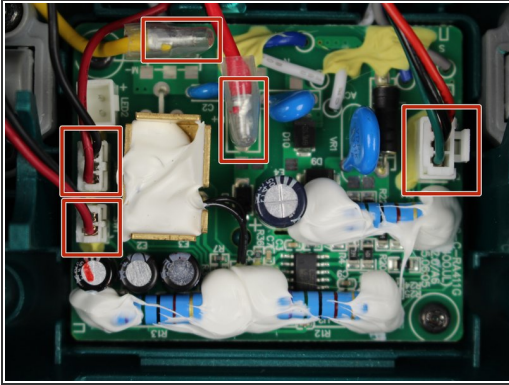
- Remove the two 10mm screws by rotating counter-clockwise with a T10 Torx screwdriver

## Step 10



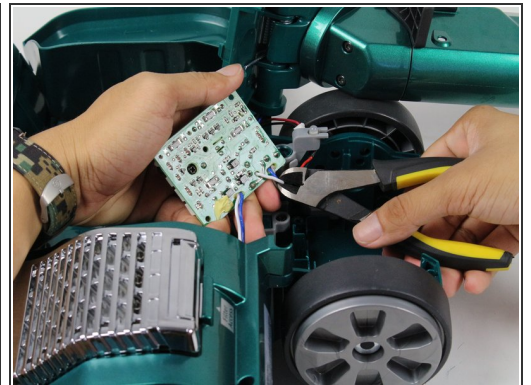
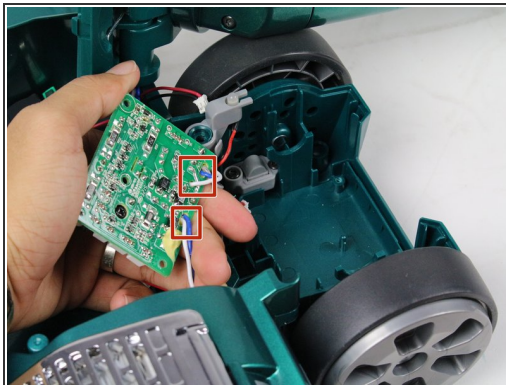
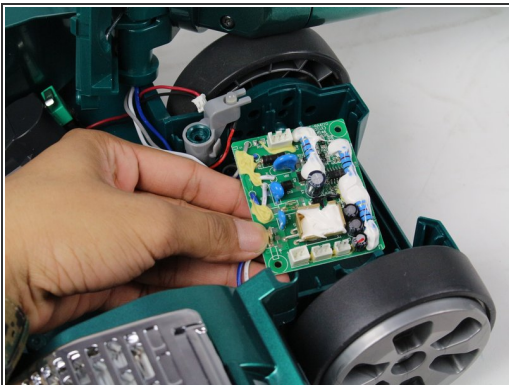
- Lift the motherboard out of its compartment.

## Step 11



- Locate and remove these connections by pulling the plugs out of the sockets.

## Step 12



- Flip the motherboard over to reveal the wires underneath.
- Locate and cut all the wires connected to the motherboard using cutting pliers.

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