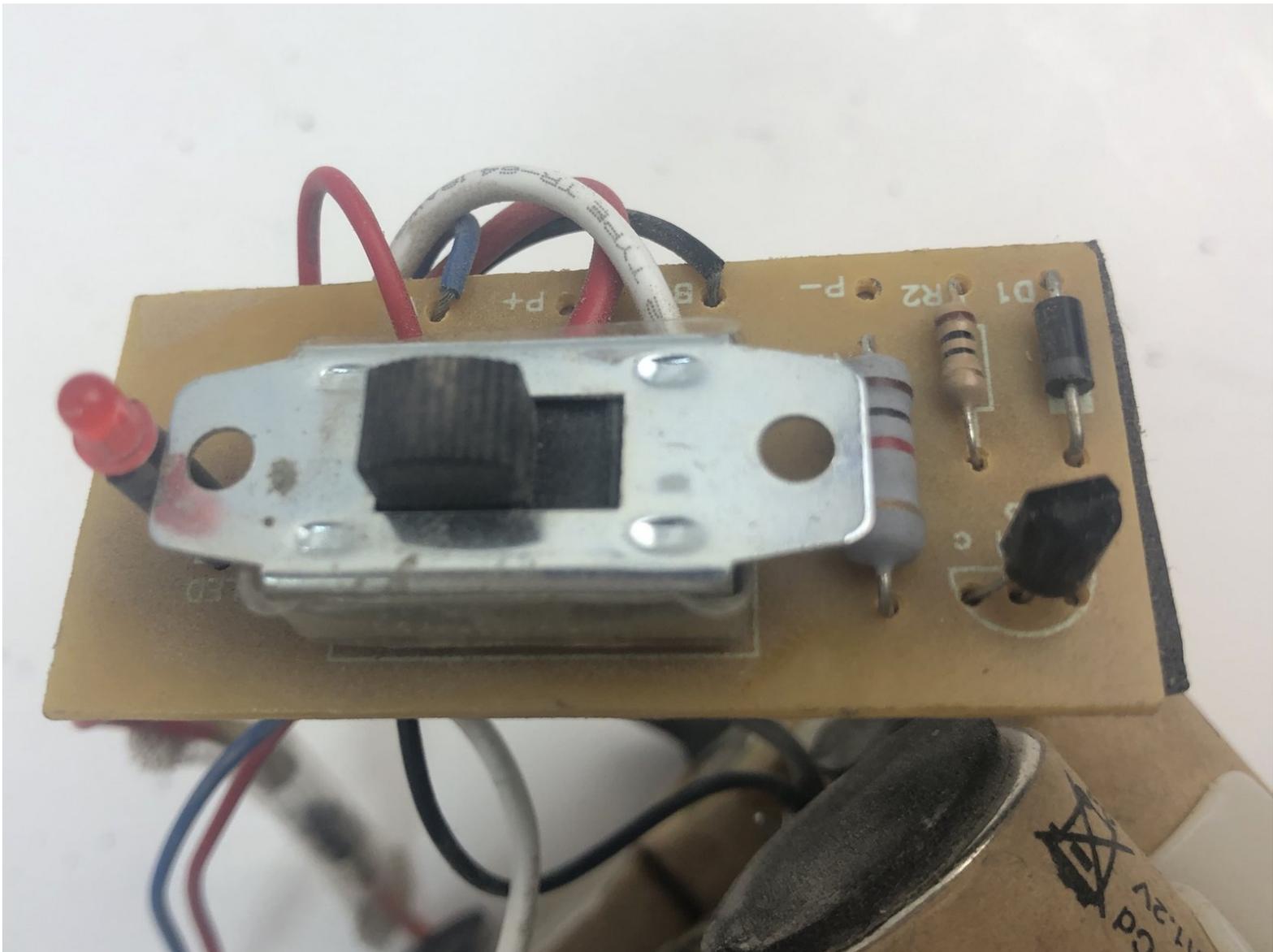




Dirt Devil Gator Circuit Board Replacement

How to replace the circuit board on your Dirt Devil Gator.

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INTRODUCTION

If your Dirt Devil Gator (Model Number: BD10100) isn't starting or staying on for more than 15 seconds, you may need to replace the circuit board. Follow this guide to replace the circuit board to keep your Dirt Devil Gator in use!

However before using this guide, you may not need to fully replace the circuit board, just charge your device! A [dead battery](#) is a simple problem with the same side effects and a quick fix to get you started vacuuming again quickly!

The circuit board on the Dirt Devil Gator keeps the machine on and controls the power of the device. A damaged circuit board will not power on the device resulting in a possible replacement needing to occur.

Step 6 requires you to remove the circuit board from the motor. From there, you must desolder and cut wires to replace the old circuit board with the new one. Follow this guide [to solder and desolder connections](#) properly.

Before beginning, make sure to power off your device completely and disconnect from any external power source.

TOOLS:

- [Micro screwdriver](#) (1)
- [Flush Wire Cutters](#) (1)

Step 1 — Circuit Board



- Press the button found in the middle of the vacuum downwards. Then, separate the front from the back of the device by gently pulling apart.

Step 2



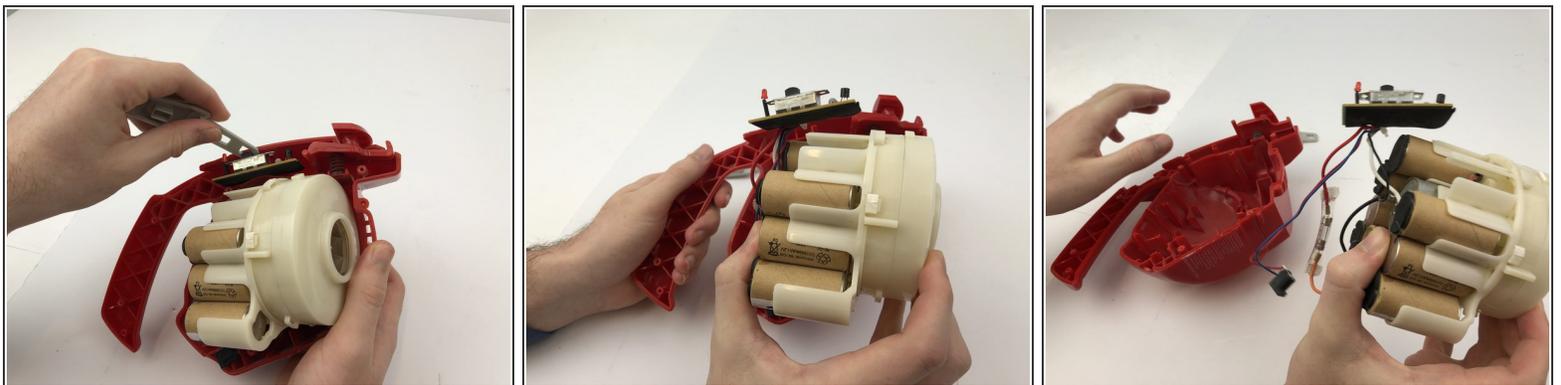
- Separate the front and the back and set the front aside.
- Pull on the back of the vacuum, there should not be too much resistance when pulling it out.

Step 3



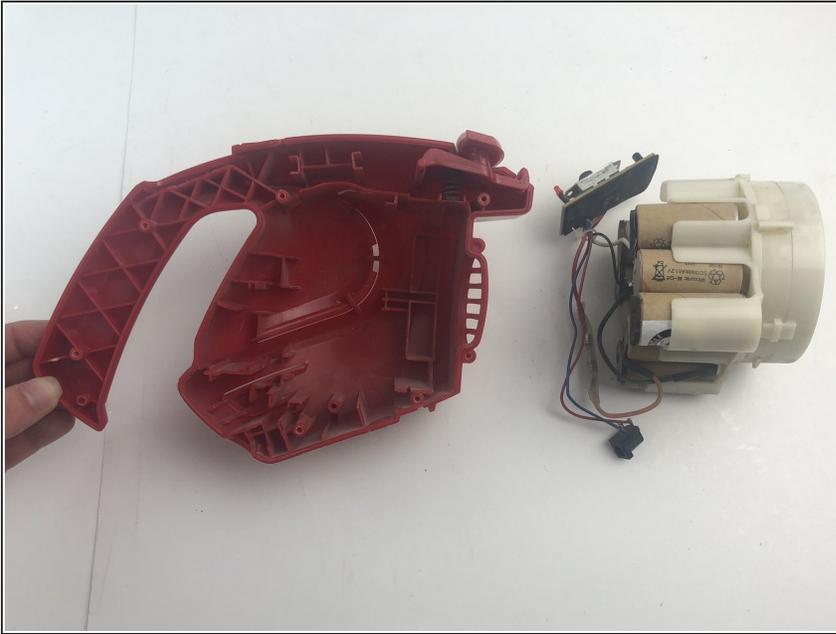
- Unscrew each individual 13 mm screws from the vacuum with a micro screwdriver.
- Once unscrewed, pull the case of the Dirt Devil Gator apart.

Step 4



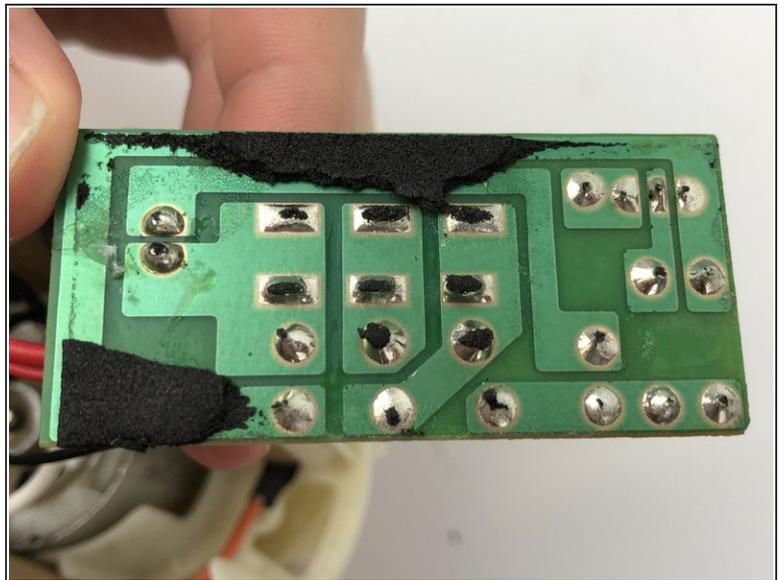
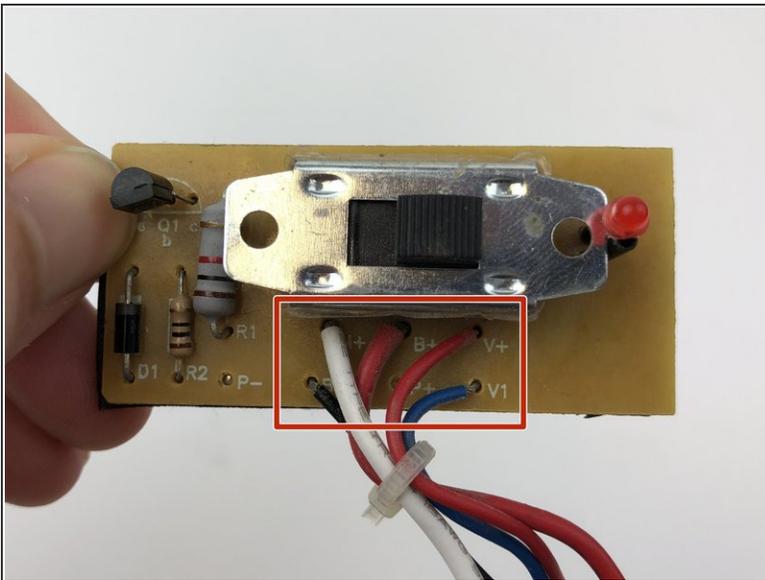
- Remove the grey switch from the top of the device by pulling gently. Then, remove the complete motor by also pulling gently out of socket.
- ⓘ Take note that the circuit is at the top of the vacuum and everything must be removed

Step 5



- Remove the motor from your Dirt Devil Gator exterior by slightly pulling out the white motor.
- ⓘ Includes: batteries, motor, circuit board, wires

Step 6



- Desolder each of the wires from the old circuit board, and solder them to the new circuit board in the same orientation.
- ⓘ Check out [How To Solder and Desolder Connections!](#)

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