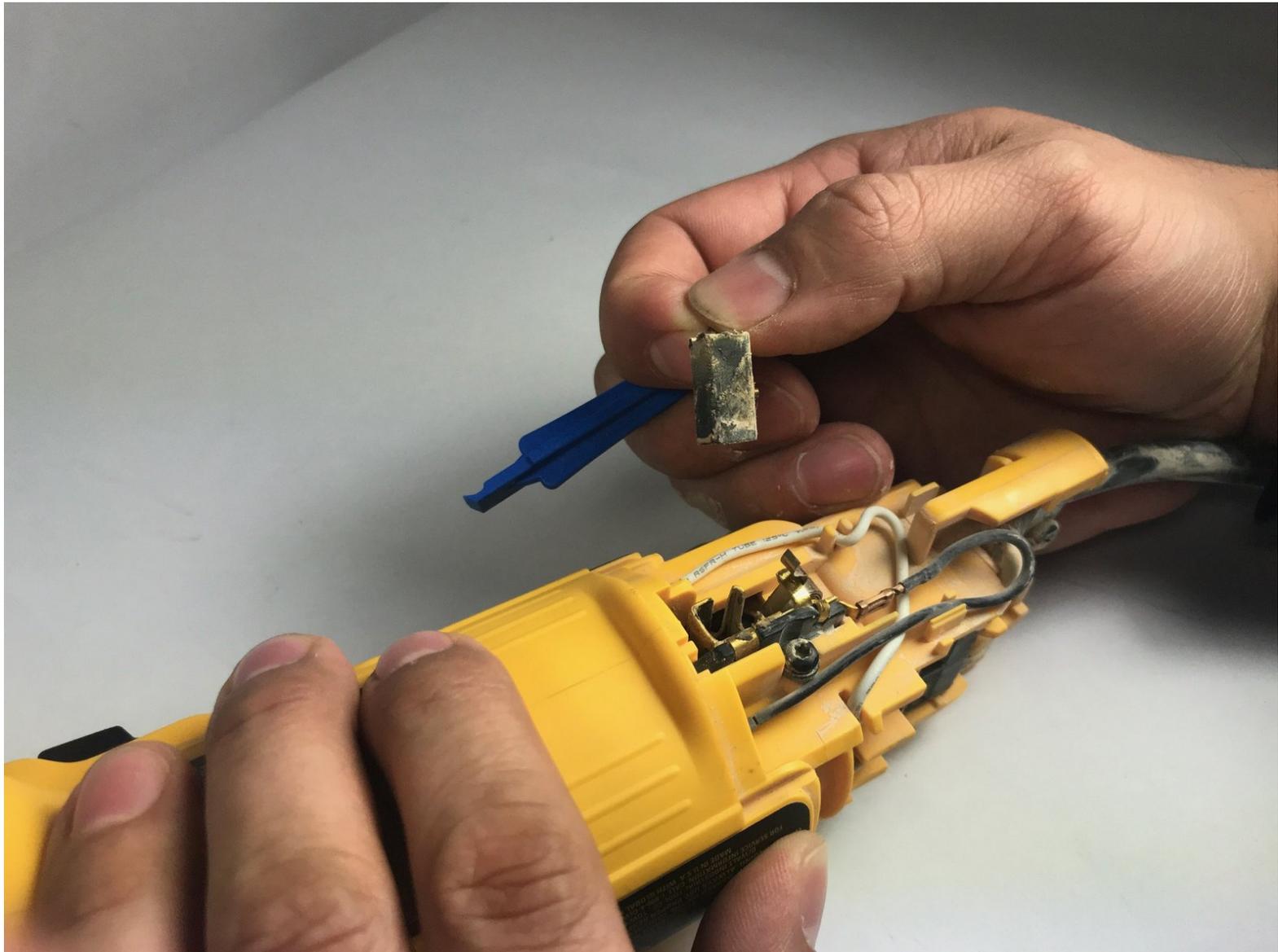




# DeWalt DWE4011 Carbon Brushes Replacement

How to replace the carbon brushes on your DeWalt DWE4011.

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## INTRODUCTION

The carbon brushes are one part that both wears out quickly and can cause a wide variety of problems if faulty. Follow these simple steps to replace them.

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### TOOLS:

- [T15 Torx Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)

### PARTS:

- [Carbon Brush Set](#) (1)
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## Step 1 — Carbon Brushes



- Turn to the bottom of the device and remove the 5/8" (17mm) T15 Torx screw shown using a T15 Torx Screwdriver.

## Step 2



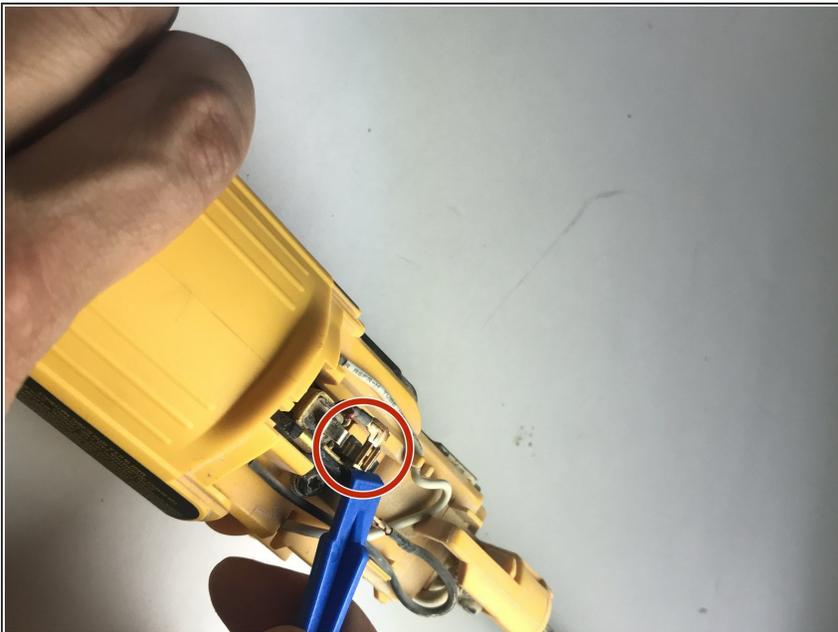
- Remove the outer casing to expose the brushes by pulling the end handle away from the field case.

### Step 3



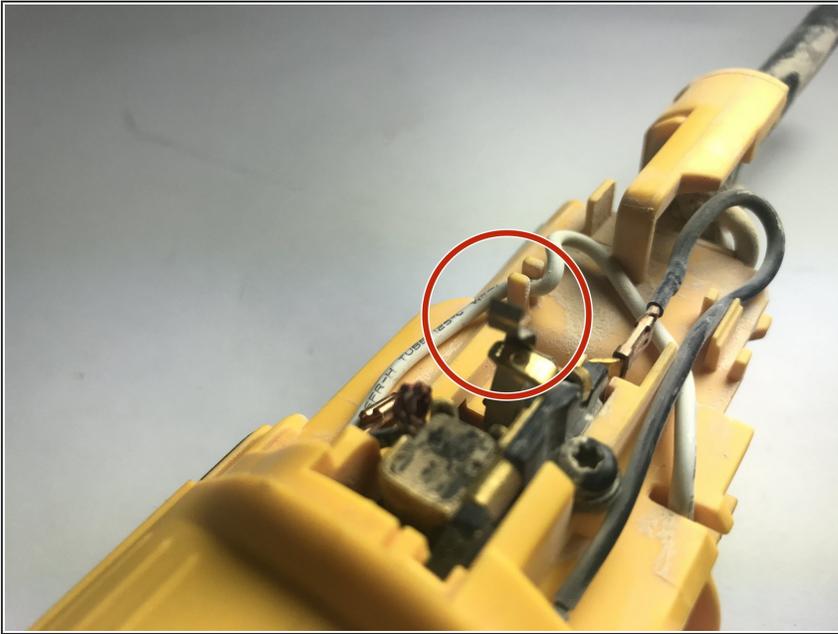
- Locate both carbon brushes on either side of the device.

### Step 4



- Using the iFixit opening tool, remove the female terminal connecting the carbon brush wire to the male terminal.

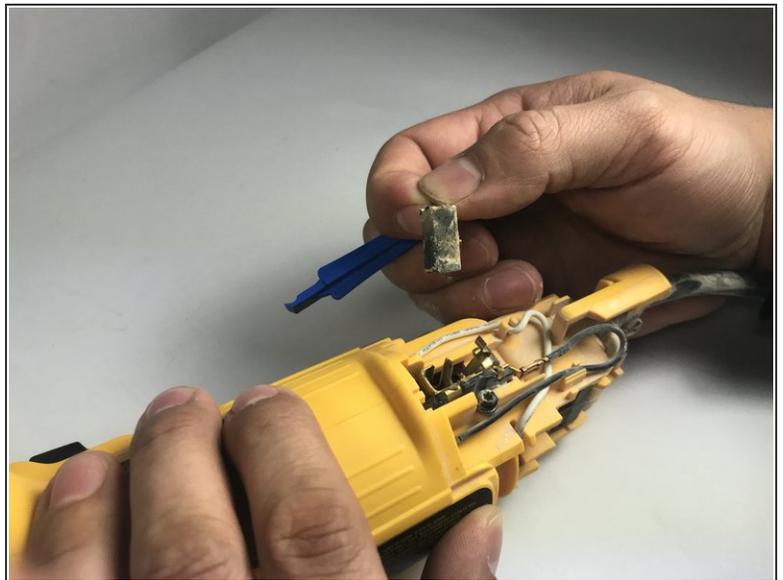
## Step 5



- Keeping a tight hold the entire time, move the spring covering the carbon brush so that it is behind the male terminal.

 Be extremely careful, as the spring is tightly coiled and can easily get away from you.

## Step 6



- Taking hold of the wire you removed in step 4, gently slide the carbon brush out of its casing and remove it from the device.
- Flip over the device to reveal the second carbon brush, and repeat steps 4 through 6 on the other side.

Congratulations! To put your device back together, simply reverse the above steps.