



DeWALT Hammer Drill DW511 Brush Replacement

How to replace the DeWALT Hammer Drill DW511 brush.

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INTRODUCTION

Welcome to the DeWALT Hammer Drill DW511 brush replacement guide. The brushes are an important part of the drill that keep the field clean of debris. You would want to replace the brush because of wear or chipping.

Caution should be taken when working with on the device. It needs to be unplugged before working on any part of the drill.

TOOLS:

- [T20 Torx Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [ESD Safe Tweezers Blunt Nose](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Back Cover



- Remove three 19mm T20 Torx screws from the back of the drill.

Step 2



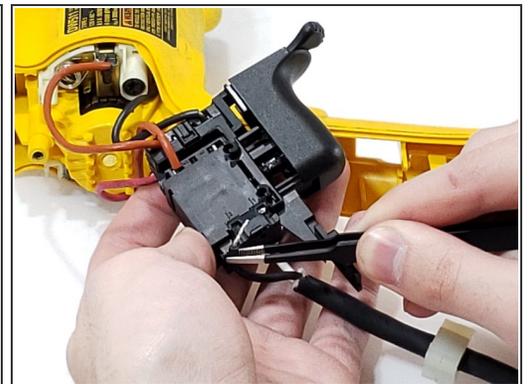
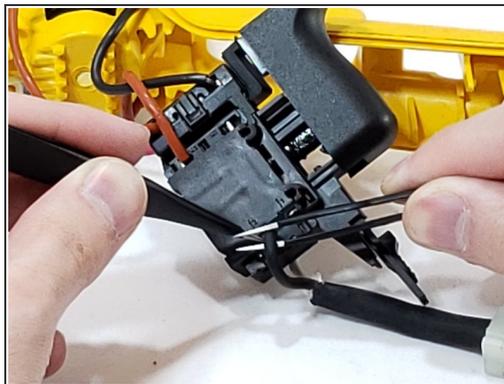
- Place an opening tool in the groove line of the handle and pop the back loose.
- Grab the drill with two hands and pull the cover off.

Step 3 — Power Cord



- Firmly grab the body of the trigger.
- Slowly pull the trigger until the entire body is out and only attached by wires.

Step 4



- With sharp point tweezers, push the little metal flap up in the hole holding the wire.
- Clamp the wire with blunt tweezers, and slowly pull the wire out.

Step 5



- With a pair of blunt nose tweezers, grab the white wire.
- Carefully wiggle the wire loose.
- Pull the wire slowly until it comes out.

Step 6



- With both wires free, the power cord is free from the trigger body.

Step 7 — Brushes



- Use an opening tool to lift up the spring holding down the brush.
- Remove the brush from its holding.

Step 8



- With a pair of blunt nose tweezers, grab the red wire.
- Carefully wiggle the wire loose.
- Pull the wire slowly until it comes out.

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

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