



Black and Decker Pivot Plus PD600 Motor Replacement

This guide will detail how to remove the motor from the Black and Decker Pivot Plus PD600.

Written By: Jonathon Centofranchi



INTRODUCTION

If the motor of the drill stops working, this guide will show you how to remove the motor of the black and decker Pivot Plus PD600 whether for repair, or for other use.

TOOLS:

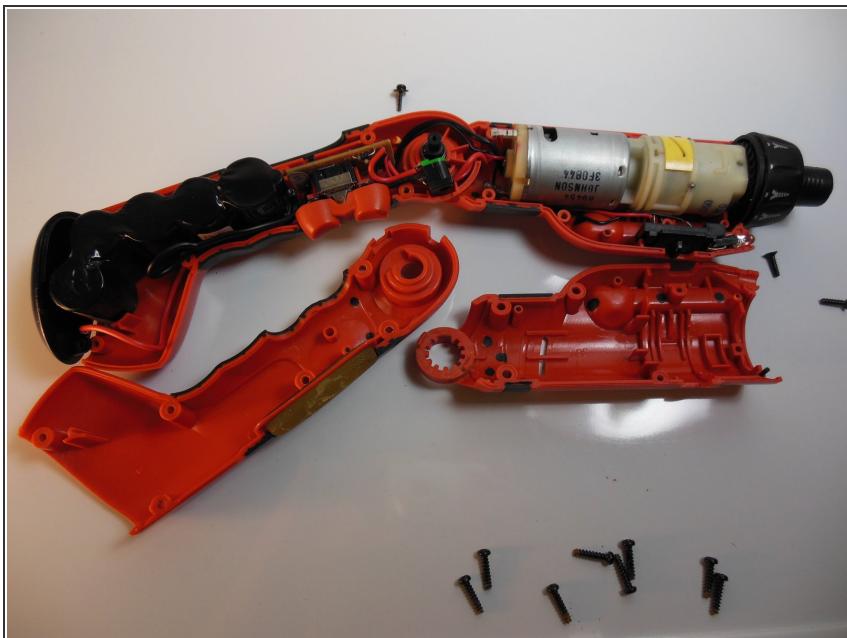
- Phillips #1 Screwdriver (1)

Step 1 — Drill



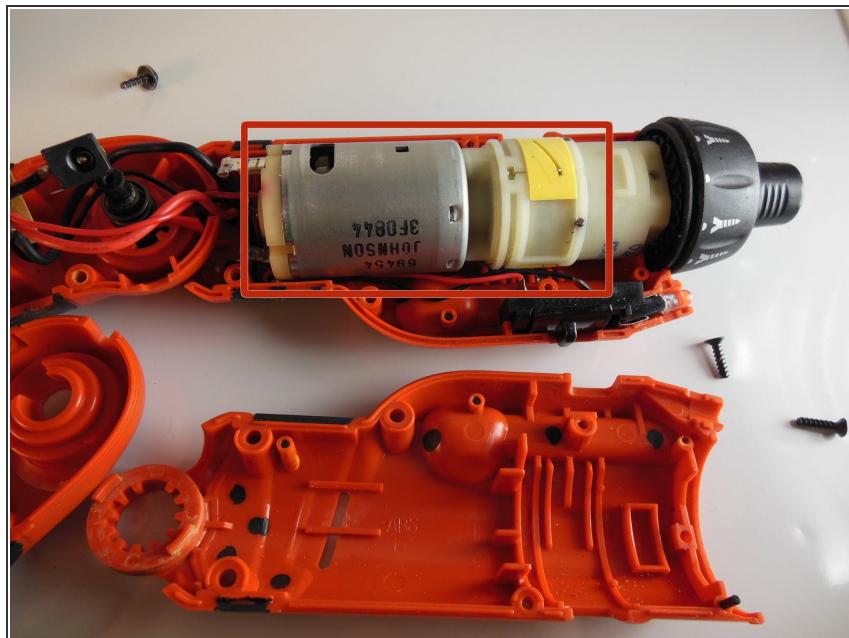
- Remove the nine 15mm Philips #1 screws
- Remove the two 12.5mm Philips #1 screws
- Remove the two 10mm Philips #1 screws

Step 2



- Lift one side of the drill casing off of the drill. Note that the drill casing consists of two pieces on either side of the drill.

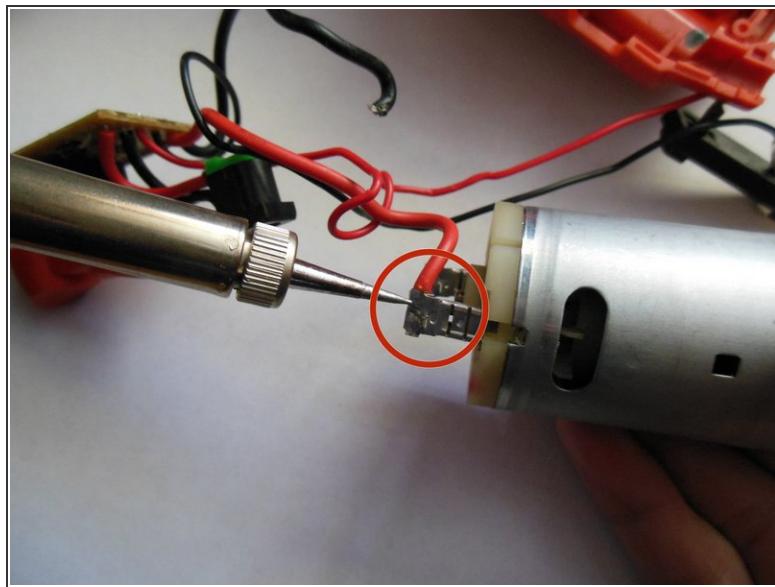
Step 3 — Motor



- After opening the the casing, locate and grab the head of the drill. Twist the motor counter-clockwise and pull to detach it from the transmission.

 However, do not pull too hard because the motor is attached to other components of the drill by wires.

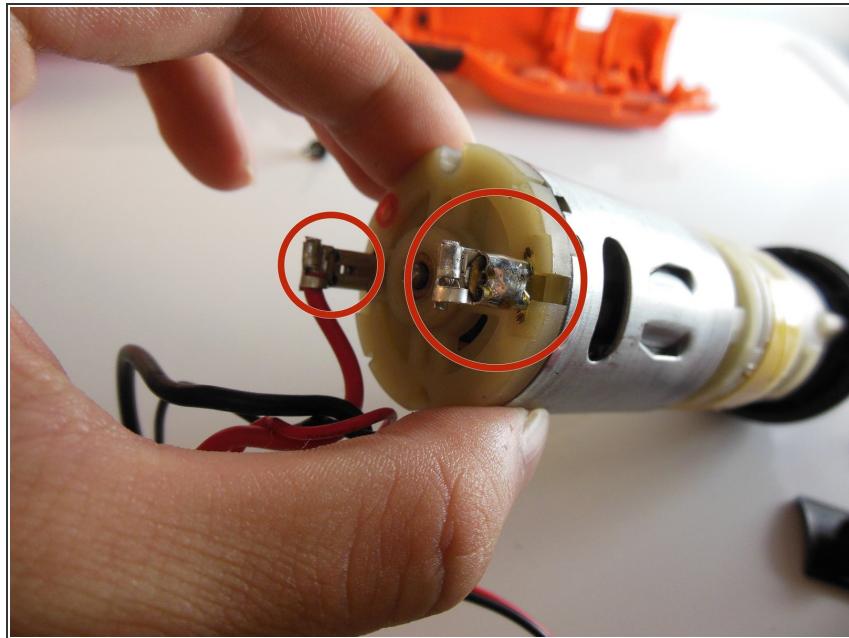
Step 4



- After taking out the motor, you can observe two wires that are plugged in (or possibly soldered, depending on which variant you have) to the bottom of the motor. To detach the motor, unplug the wires or desolder their connections with a soldering iron as needed.

 Mark or color code the black and red wires so you can return them to the correct position.

Step 5



- Wait for the wires and connectors to cool. Pull the wires from the motor and the motor should now be fully disconnected from the drill.

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