



DeWalt DC970 Motor Replacement

This guide will show how to remove the motor from your DeWalt DC970 drill. This is a solution to any problems involving a non-functioning motor.

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INTRODUCTION

If the motor of your drill is not operating properly or not operating at all, this guide will show you how to replace the motor of your drill.

TOOLS:

- [T15 Security Torx Screwdriver](#) (1)
 - [Torque Wrench](#) (1)
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Step 1 — Battery



- Compress the buttons on either side of the battery and lift the drill away from battery.

Step 2



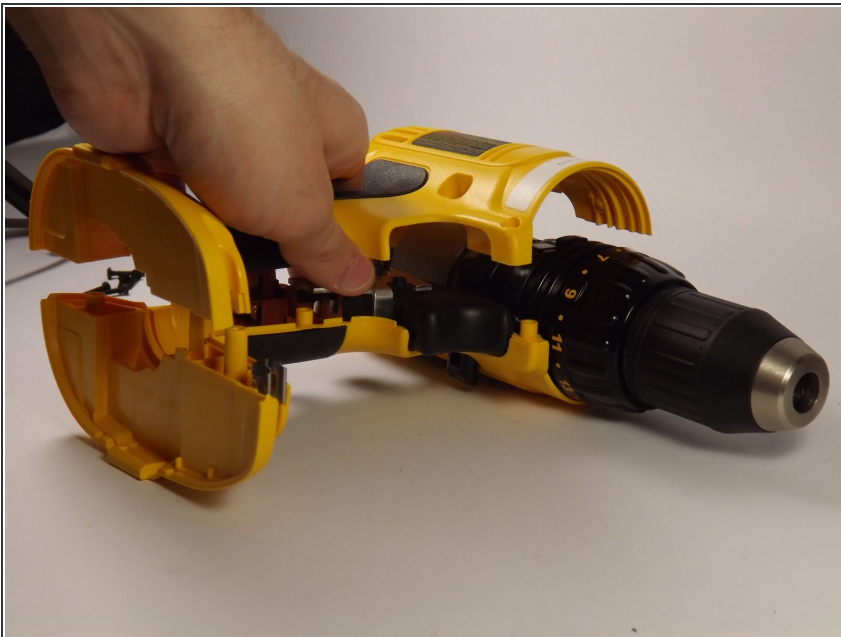
- Remove battery from drill.

Step 3 — Drill Assembly



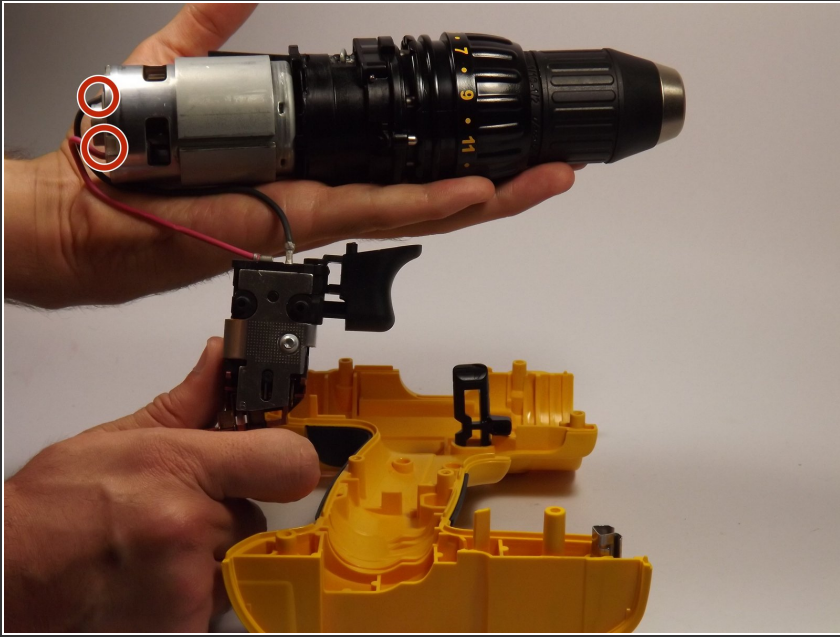
- Remove the eight 16 mm, Torx Security #15 screws.

Step 4



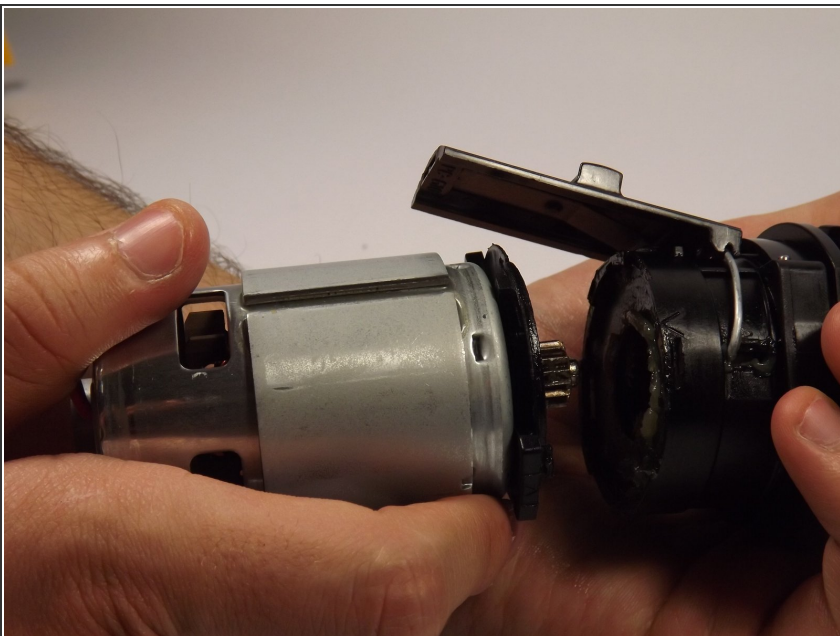
- Lay the drill on its side and gently lift the top half off it.

Step 5 — Motor



- Lift drill mechanism out of the shell.
- Desolder the red and black wires from the motor.
- Learn more about soldering [here](#).

Step 6



- Slightly twist and pull motor away from the clutch.

Step 7



- ★ When installing the replacement motor into the clutch make sure you correctly align the gears in order to assure that the motor is properly fitted to the clutch.

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