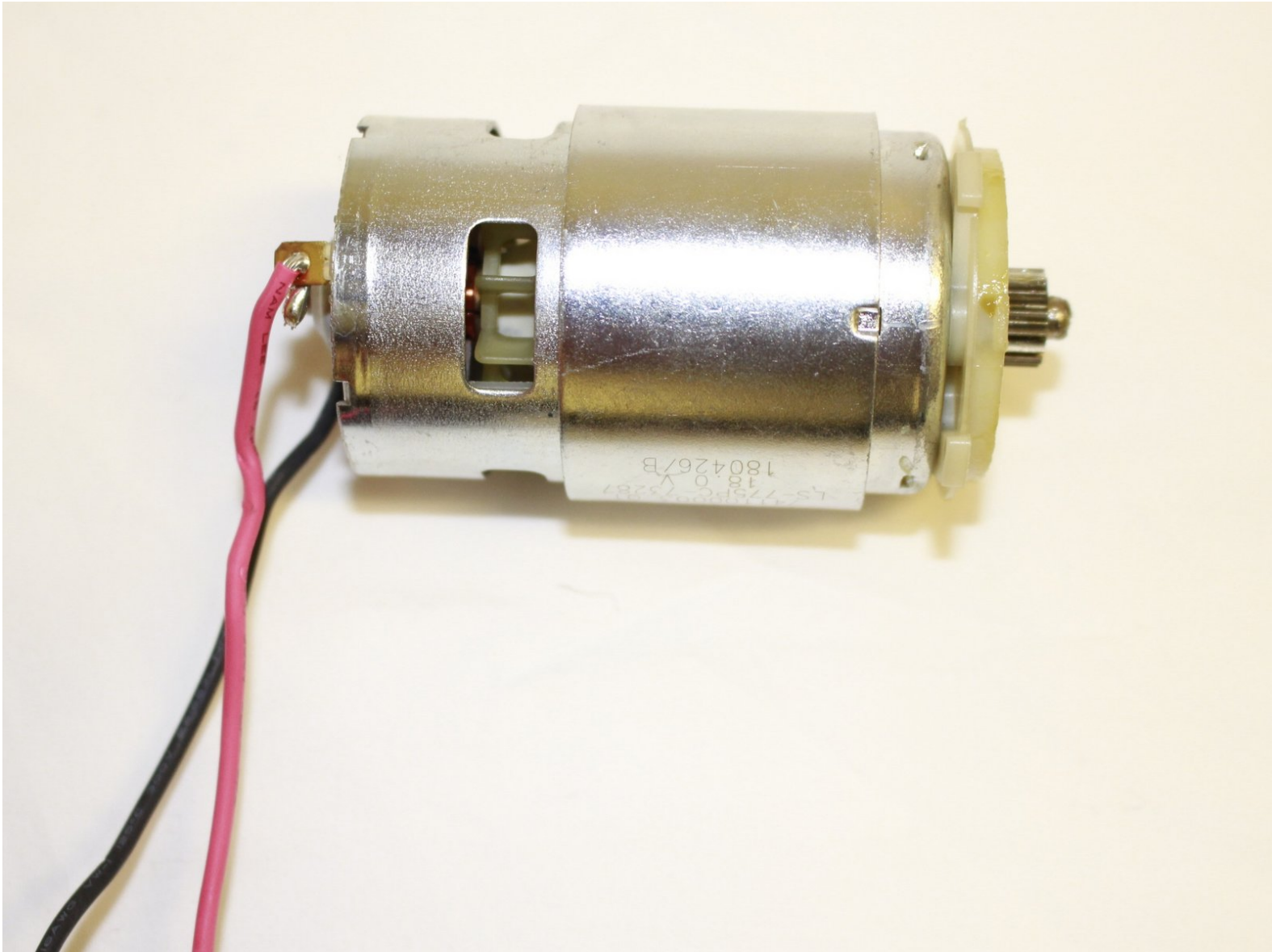# RIDGID R860052 Motor Replacement

Use this guide to learn how to replace the motor in your RIDGID R860052.

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INTRODUCTION

If your drill does not turn on with a fully charged battery, the motor of your drill might be damaged. This guide will provide guidance to the process of replacing a defective motor in a RIDGID R860052.

🔧 TOOLS:

- T10 Torx Screwdriver (1)
- Soldering Iron (1)

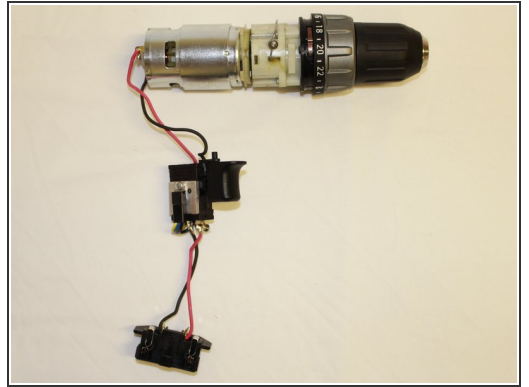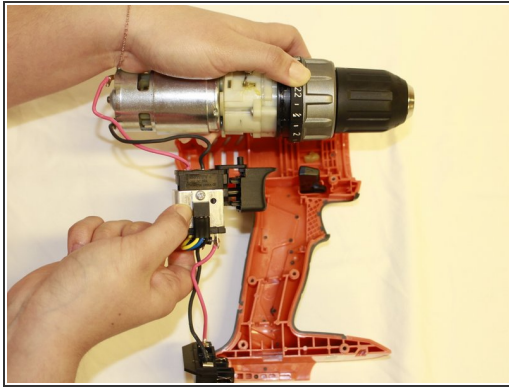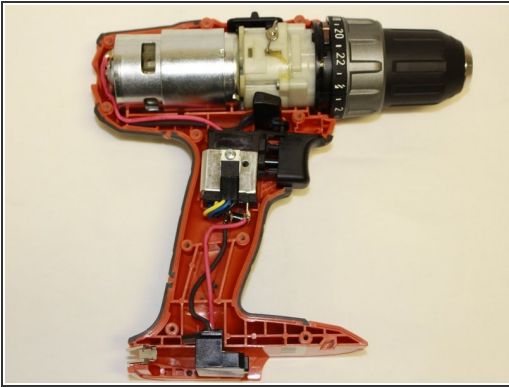This document was generated on 2020-01-19 01:46:00 PM (MST).

Step 1 — Motor

ⓘ Remove the battery from the drill before you begin.

● Use a T10 Torx screwdriver to remove the ten screws on the information label side of the drill.
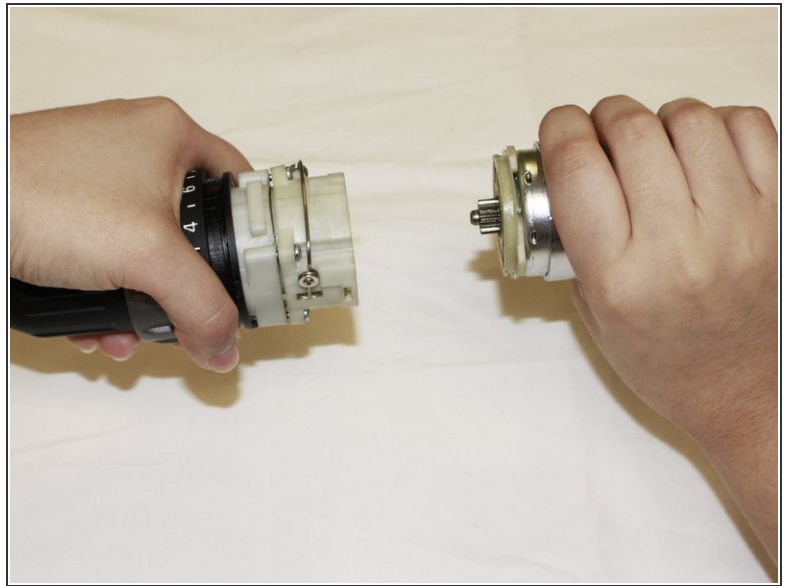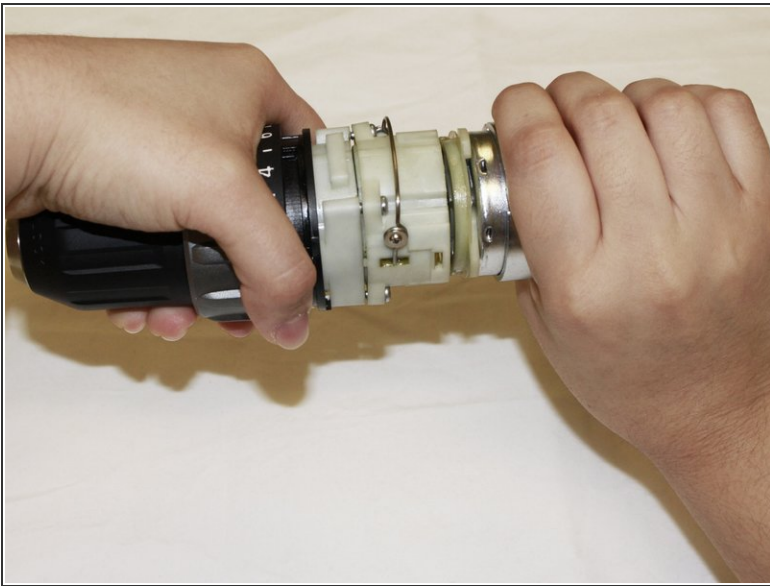
ⓘ These ten screws are 19 mm long.

Step 2

● Lift off and remove the cover with the informational label.

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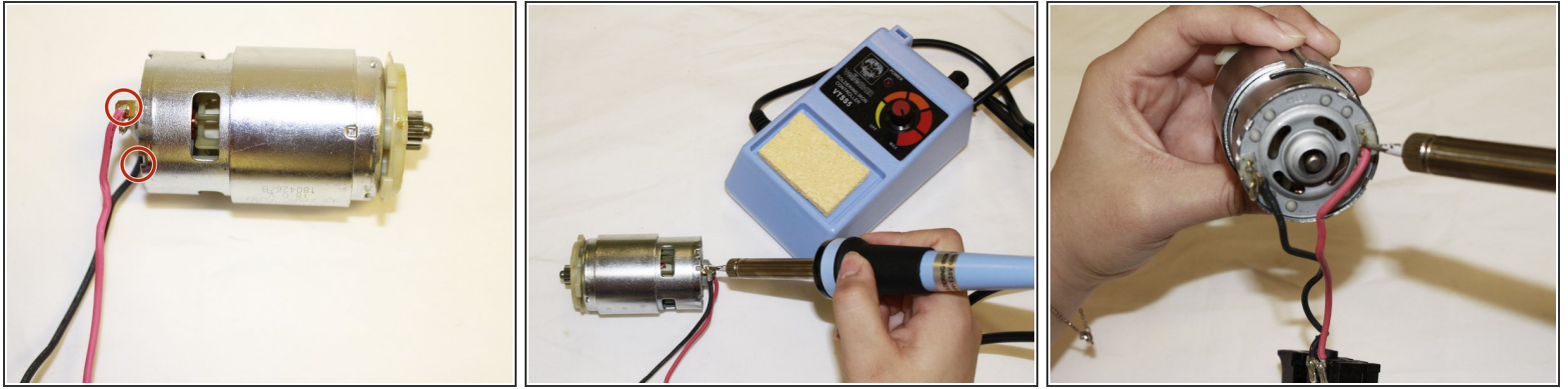
Step 3

- Remove the switch assembly, chuck, and motor from all drill covers.

Step 4

- Twist the chuck and motor in the opposite direction and gently pull them apart.

Step 5

- Desolder the black and red wires from the motor.

- Replace motor and resolder the black and red wires back onto the motor.

⚠️ Be aware of the heat level of the metal part on the soldering tool.

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