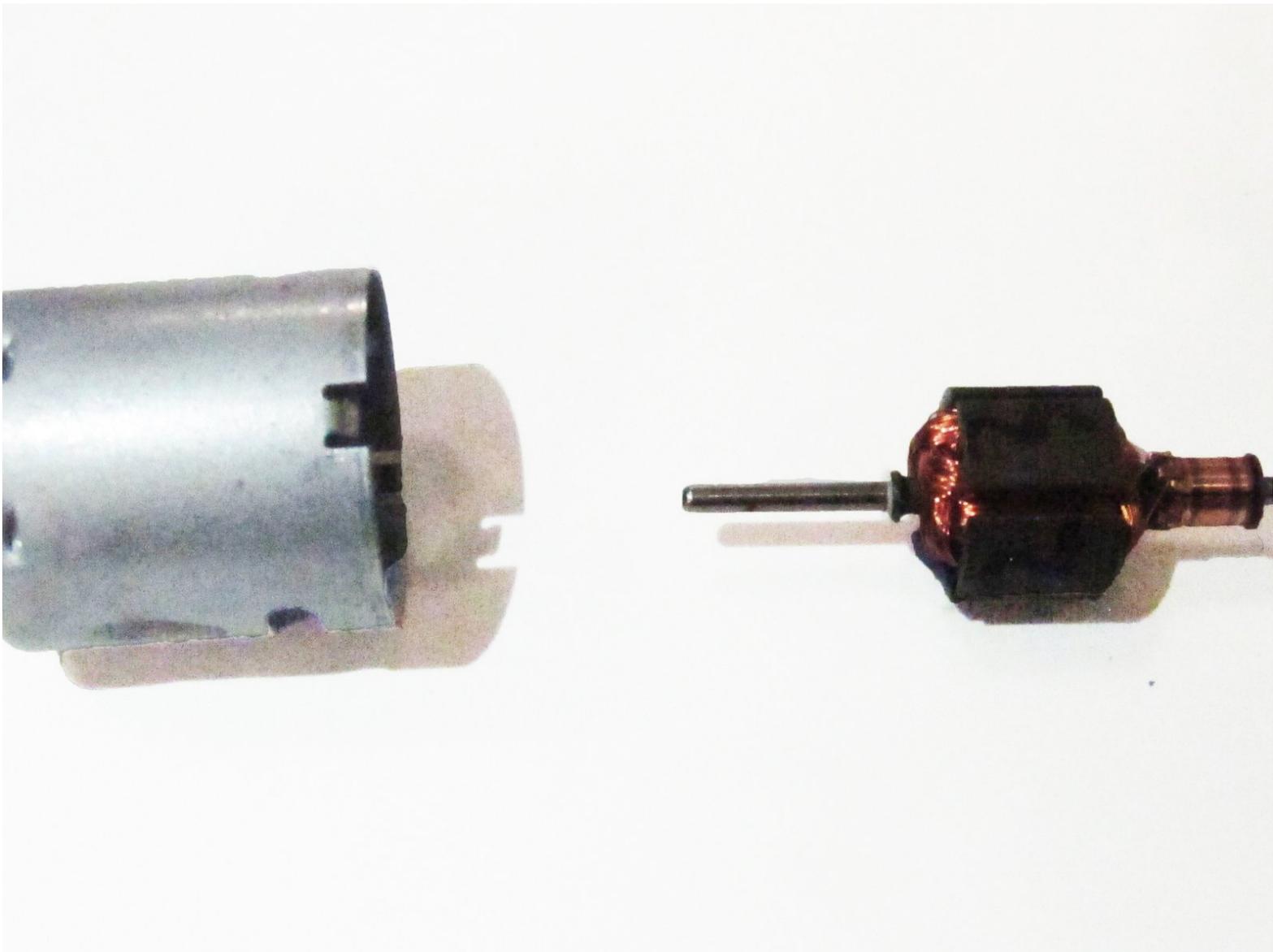




Drill Master Heat Gun Motor Replacement

The motor inside the barrel of the gun powers the fan. Use this guide to replace the motor.

Written By: Mikayla Kim



INTRODUCTION

The motor inside the barrel of the gun powers the fan. Use this guide to replace the motor.

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [Metal Spudger](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
-

Step 1 — Motor



⚠ Be sure the heat gun is unplugged before starting this process.

- Remove the seven 14mm screws from the side of the drill using the PH#0 screwdriver.

i You will need a screwdriver extension.

Step 2



- Remove the 8mm screw from underside of barrel using the PH#0 screwdriver.

i Don't try to open the casing just yet.

Step 3



- Remove the barrel casing on either end by twisting and pulling each side off.

Step 4



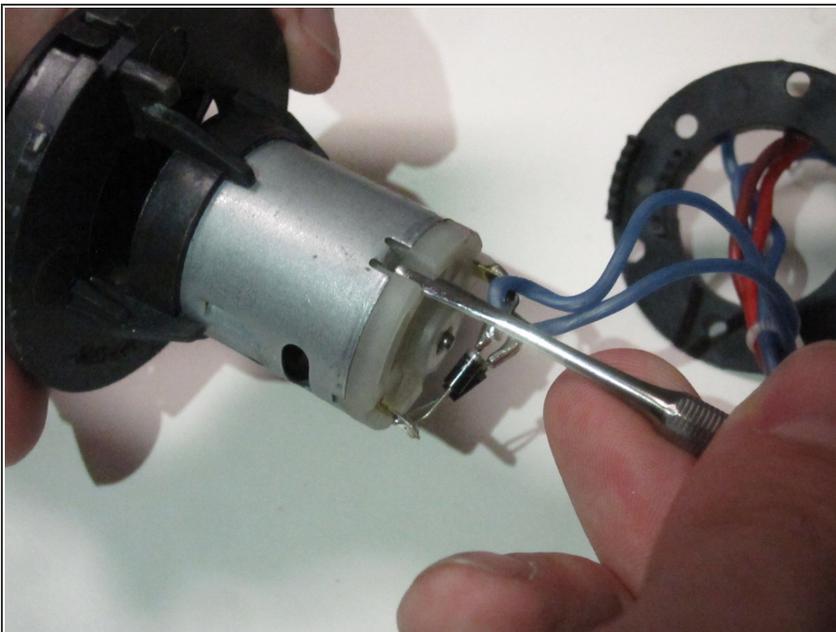
- Remove the top casing to reveal inside of drill. You might have to tug a little harder for this one.

Step 5



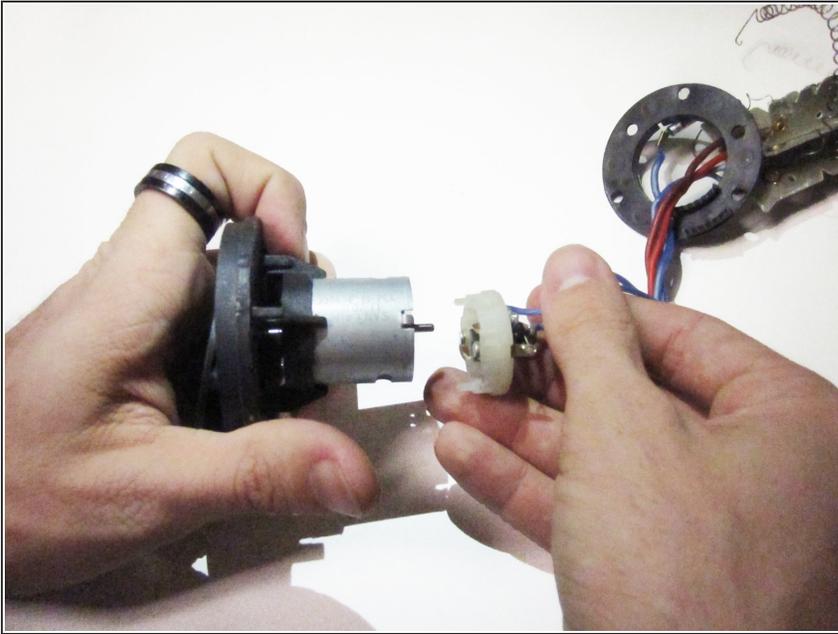
- Remove the metal casing and fan cover from the fan unit.

Step 6



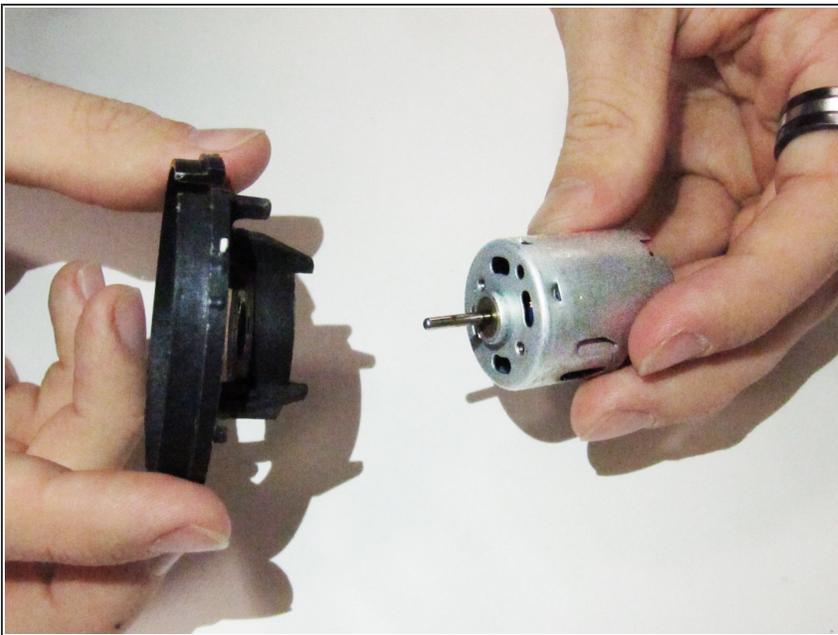
- Bend the metal prongs backward that connect the fan motor to the plastic cap.
- ⓘ Bending the brackets too far back can cause the brackets to break.

Step 7



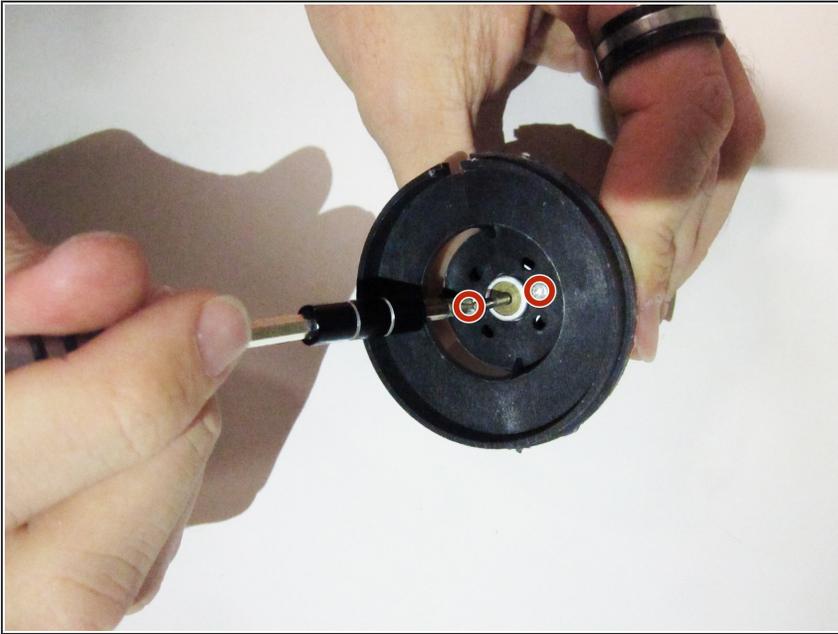
- Remove the plastic cap from the motor,
- This will allow you to work only with the motor and fan.

Step 8



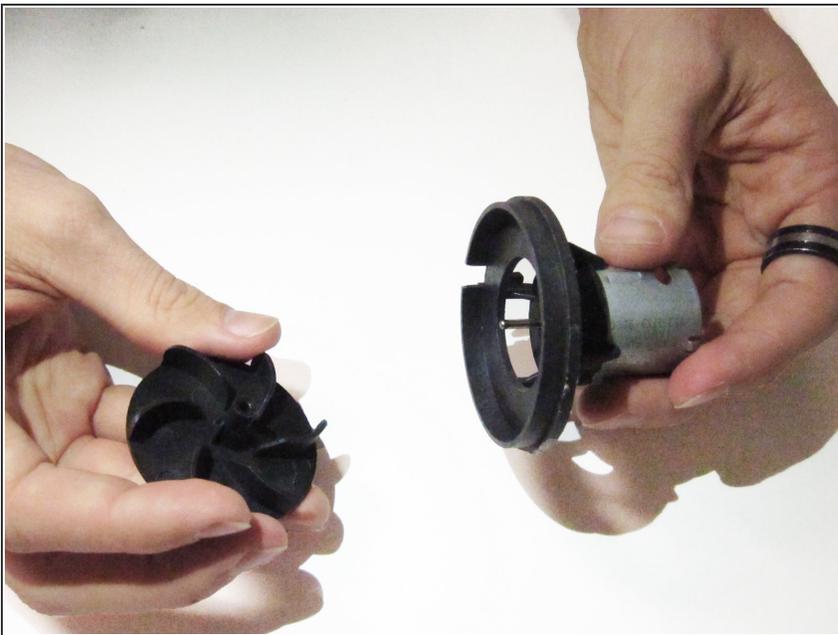
- Remove the fan by pulling it from the motor rod.

Step 9



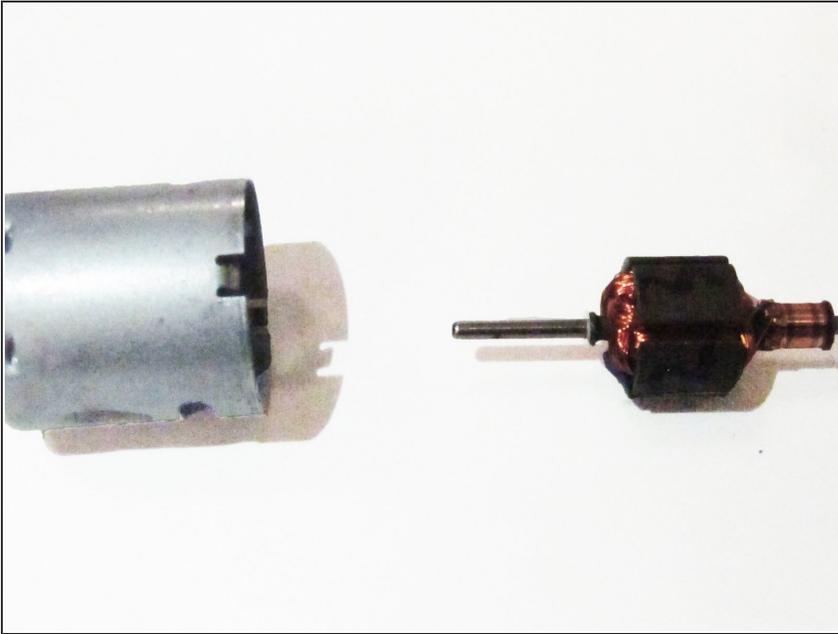
- Remove the two 12mm screws from the plastic fan casing using PH#00

Step 10



- Remove the plastic fan casing.

Step 11



- Remove the metal casing from the motor and insert the new motor in its place.
- ⓘ You may have to tug a little.

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