



# Milwaukee Impact Wrench 9070-20 Rear Motor Bearing Replacement

Use this guide to replace the rear motor bearing in your Milwaukee Impact Wrench 9070-20.

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## INTRODUCTION

The rear bearing tool is what manages the motor movement of the device. Though it is rare that this part of the device gets unusable, from getting off position or rust, replacing the bearing is an important job.

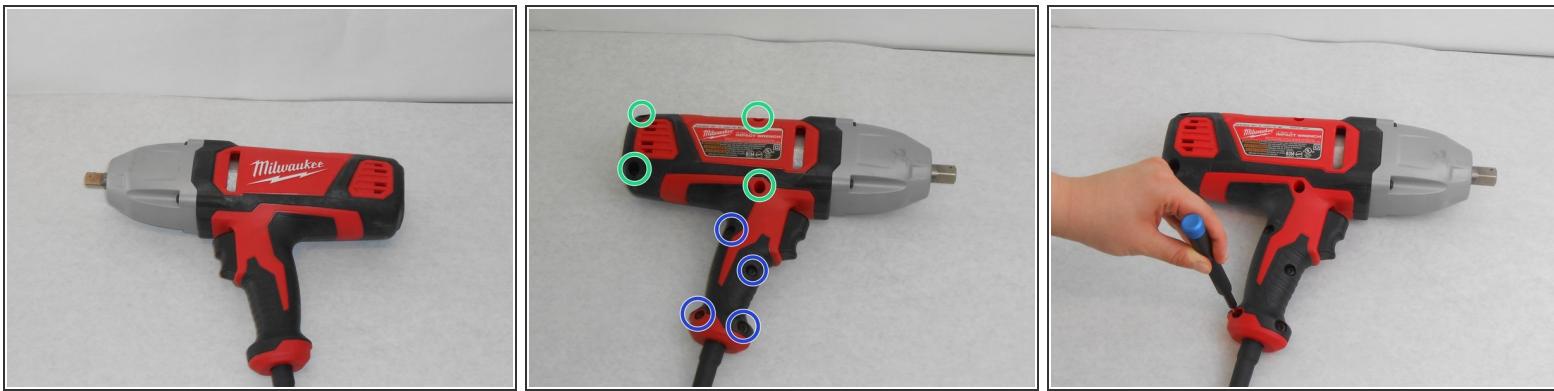
Unlike other replacement guides, you will need an additional tool besides the iFixit toolkit. A bearing puller is required and it can be found from any local hardware or auto parts shops for a cost of approximately \$30.

If the tool is spinning slowly or not at all, it might be because of the bearing. This guide will explain the steps needed for replacement.

## TOOLS:

- [Ball Bearing Puller](#) (1)
- [T20 Torx Screwdriver](#) (1)
- [Propane Torch](#) (1)
- [Torque Wrench](#) (1)
- [iFixit Opening Tools](#) (1)

## Step 1 — Rear Motor Bearing



! Ensure that the device is unplugged from any power source to avoid electrical shock.

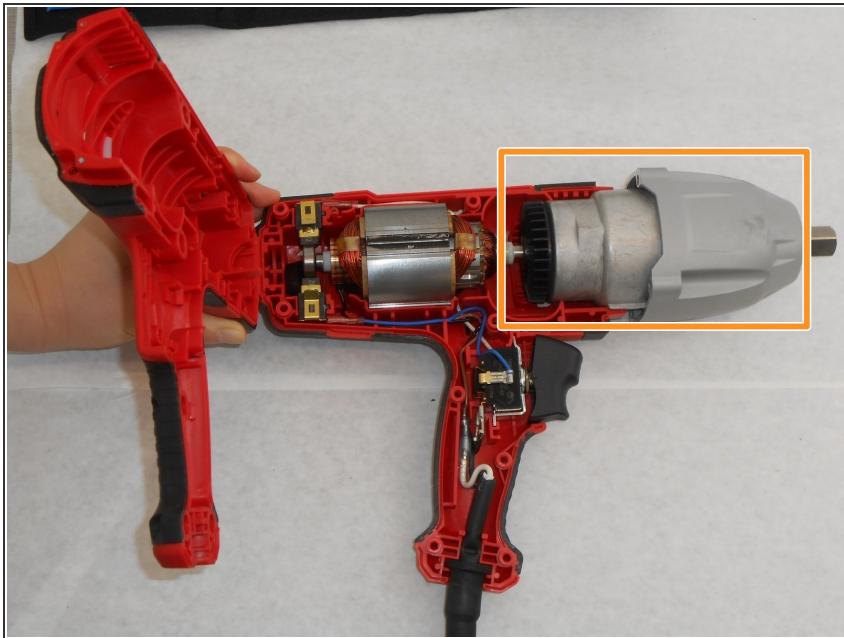
- Flip the device, making the gray part face to the right.
- Remove four 14mm screws using a T20 Torx screwdriver.
- Remove four 18mm screws using a T20 Torx screwdriver.

## Step 2



- Hold the device so the gearbox assembly faces directly towards you.
- Remove the four screws using a T20 Torx screwdriver.
- Using a plastic opening tool, pry the gearbox assembly away from the clam shell.

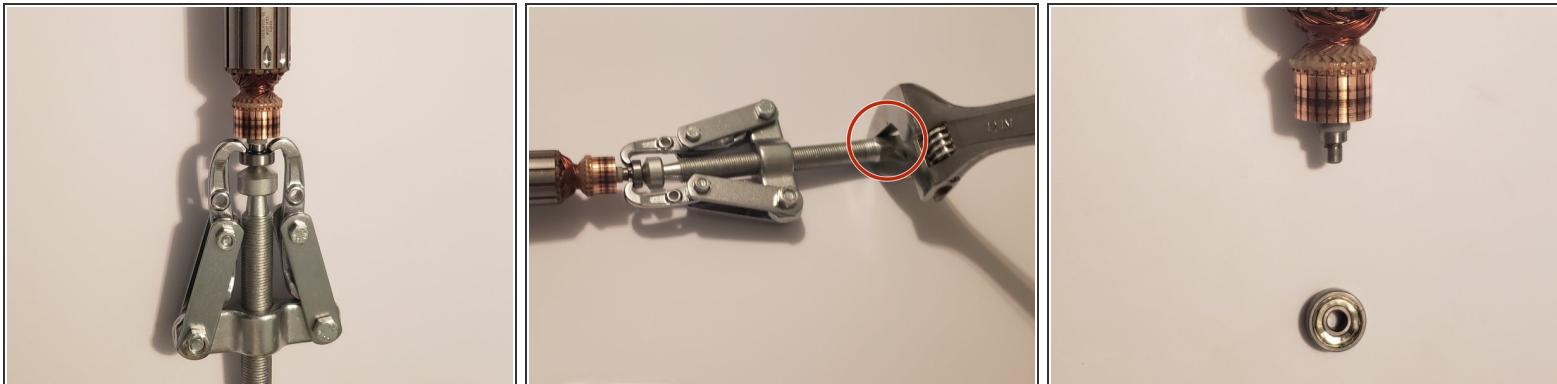
## Step 3



- After all necessary screws are removed, gently remove the upper red cover from the device.
- Remove the gray motor and gearbox assembly.

*(i)* Remove the gearbox gently as to not damage the brushes.

## Step 4



- Attach a bearing removal tool to the bearing.
- Tighten the bearing puller until the bearing comes off of the motor shaft.

*(i)* For easier removal, lightly heat the bearing with a propane torch.

- Heat and then press the replacement bearing onto the shaft.

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

