



# RIDGID R84015 X2 Planetary Gear Replacement Guide

This guide explains how to disassemble a RIDGID R84015 X2 power drill, replace the planetary gear, and reassemble the drill.

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## INTRODUCTION

Follow these steps to disassemble the drill and replace the planetary gear for the RIDGID R84015 X2 power drill.

### TOOLS:

- Phillips #2 Screwdriver (1)
- T20 Torx Screwdriver (1)

## Step 1 — RIDGID R84015 X2 Case Removal



- Remove the backplate.
- Using a Torx T20 screwdriver, remove the four screws attaching the back plate.

## Step 2



- Remove the drill handle.
- Using the Phillips #2 screwdriver, remove the five screws attaching the drill handle to the body.

## Step 3



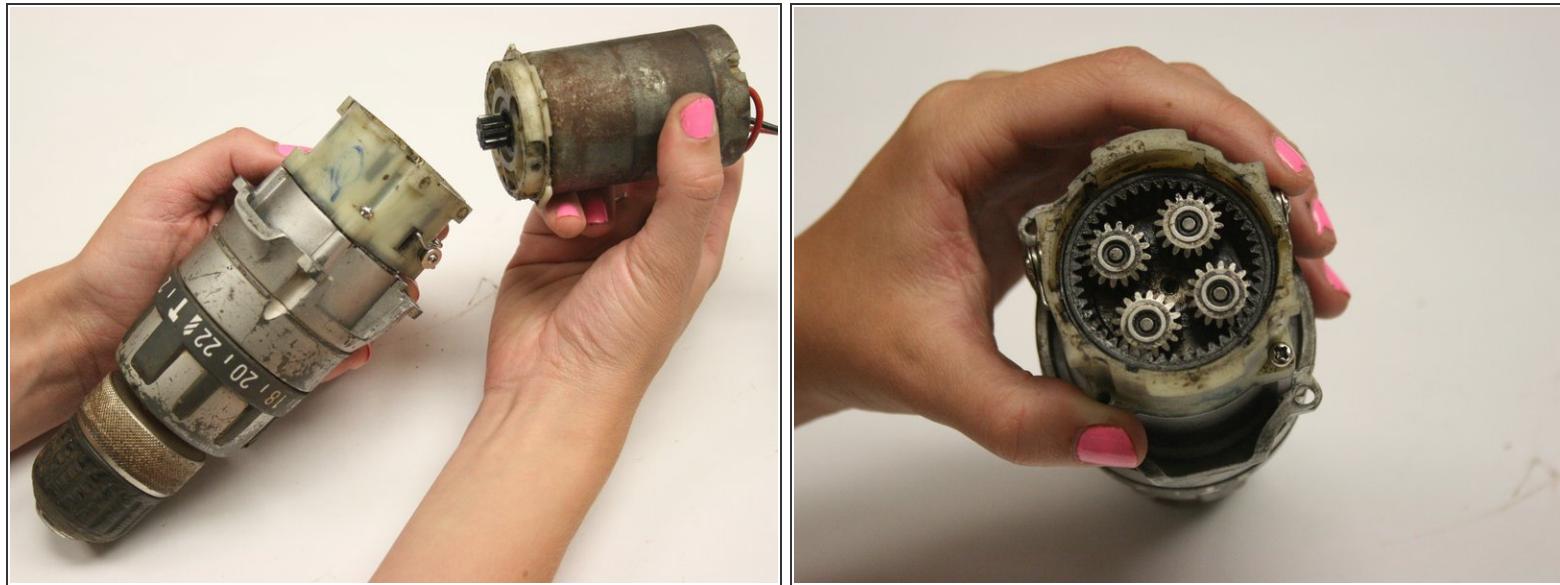
- Remove the gear casing from the body.
- Using the Philips #2 screwdriver, remove the four screws attaching the gear casing to the body.

## Step 4 — Planetary Gear



- Prepare to remove the gear chamber.
- Using the Phillips #2 screwdriver, unscrew the four screws at the rear of the plastic gear chamber.

## Step 5



- Remove the motor from the drill by gently pulling the motor away from the gear chamber.

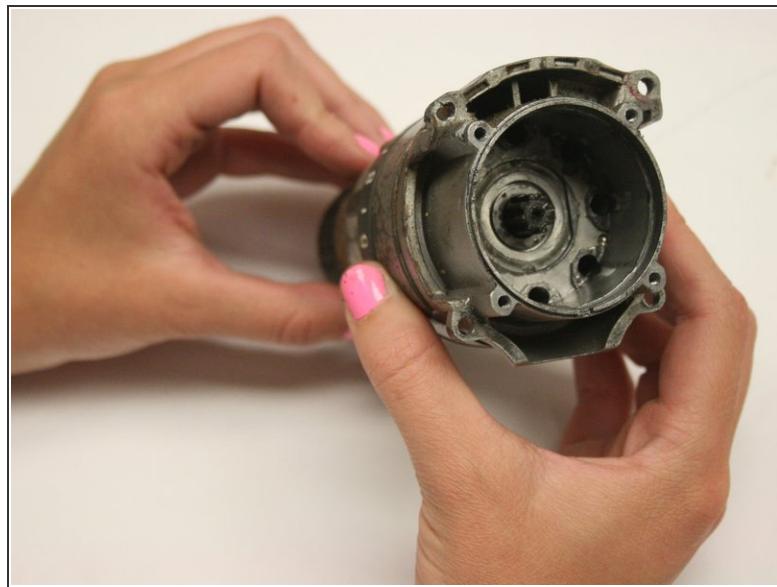
**⚠ NOTE:** Handle the gear chamber with caution as the gears are now loose.

## Step 6



- Remove the plastic gear chamber.
- Using the Phillips #2 screwdriver, remove the four screws that attach the plastic gear chamber.

## Step 7



- Remove each component from the gear assembly. Replace components as needed.
- Reassemble the drill following the gear replacement instructions in reverse order.