



DeWalt D28110 Pinion Replacement

This will take you through the process of taking apart/accessing gear case components.

Written By: Will Young



INTRODUCTION

In this guide you will take apart the pinion "head" of the grinder to gain access to components in the gear case.



TOOLS:

- [T15 Torx Screwdriver](#) (1)
 - [10mm Wrench](#) (1)
-

Step 1 — Disassembling DeWalt D28110 Gear Case



- Using the T-15 screwdriver, remove the four 22-mm torx screws on the gear case.
- ⚠ Unplug the grinder before any disassembly.

Step 2



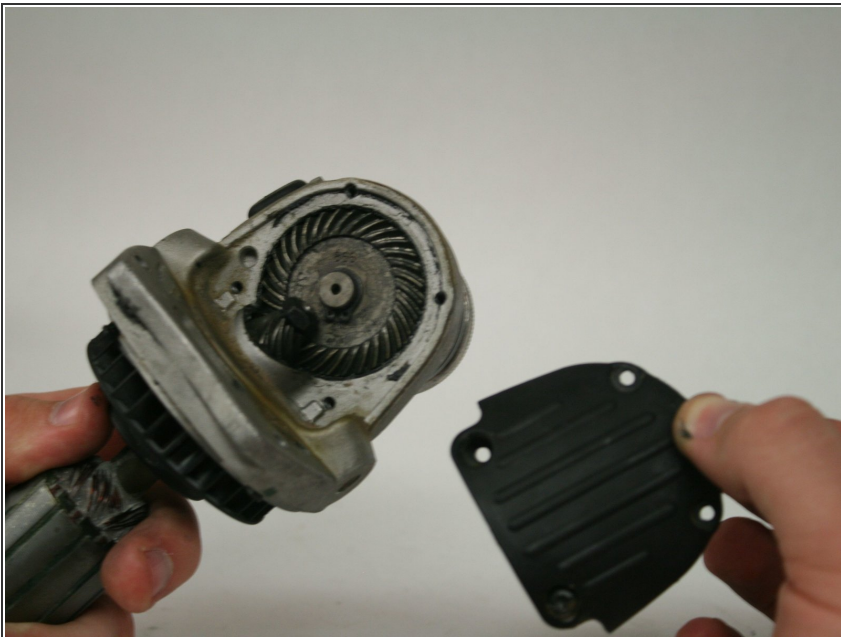
- Pull out the gear case.

Step 3 — Pinion



- Using the T-15 screwdriver, remove the four torx screws.

Step 4



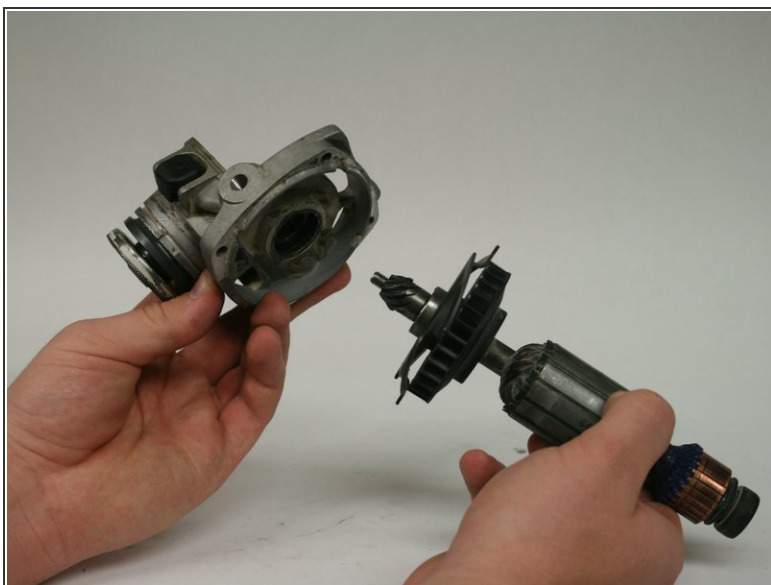
- Remove the gear case cover from the gear case.

Step 5



- Using a 10-mm wrench, remove the hex nut by rotating counter-clockwise.

Step 6



- Remove the armature assembly from the gear case.
- Remove the pinion from the armature assembly.

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