



# Porter-Cable PC60TAG Pinion Gear Replacement

After long periods of heavy use, it is possible that the pinion gear may become damaged, requiring replacement, this guide will demonstrate how this is done.

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## TOOLS:

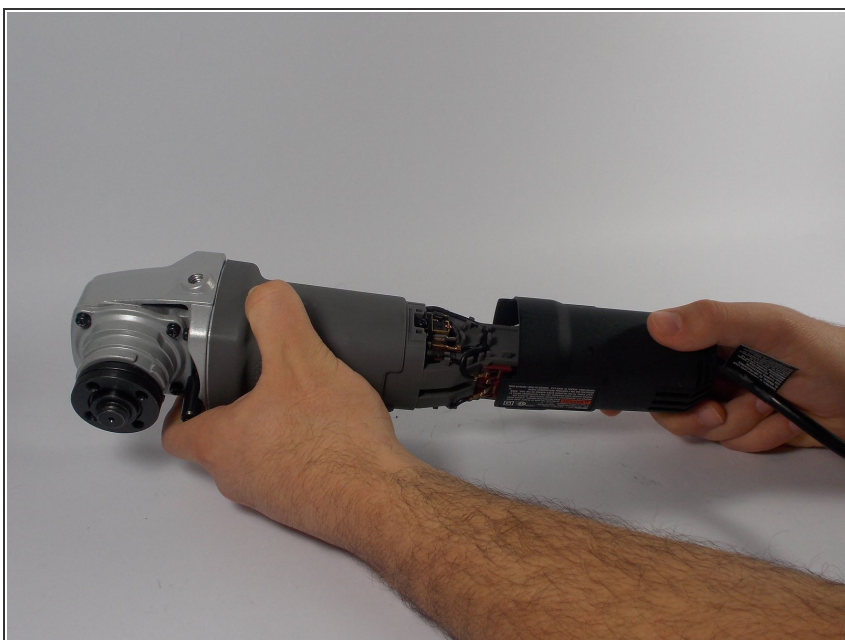
- [Phillips #2 Screwdriver](#) (1)
- [Small Needle Nose Pliers](#) (1)

## Step 1 — Pinion Gear



- Using the Phillips #2 screwdriver, remove the 3/4" screw on the back cover.

## Step 2



- Holding the front of the device, carefully slide the back cover over the cord.

### Step 3



- Using the Phillips #2 screwdriver, remove the 1/2" screw holding on the motor brush arm. Repeat on the other side.

### Step 4



- Carefully pull the motor brush arm away from the other device, you can leave the wire connected to device. Repeat on the other side.



## Step 5



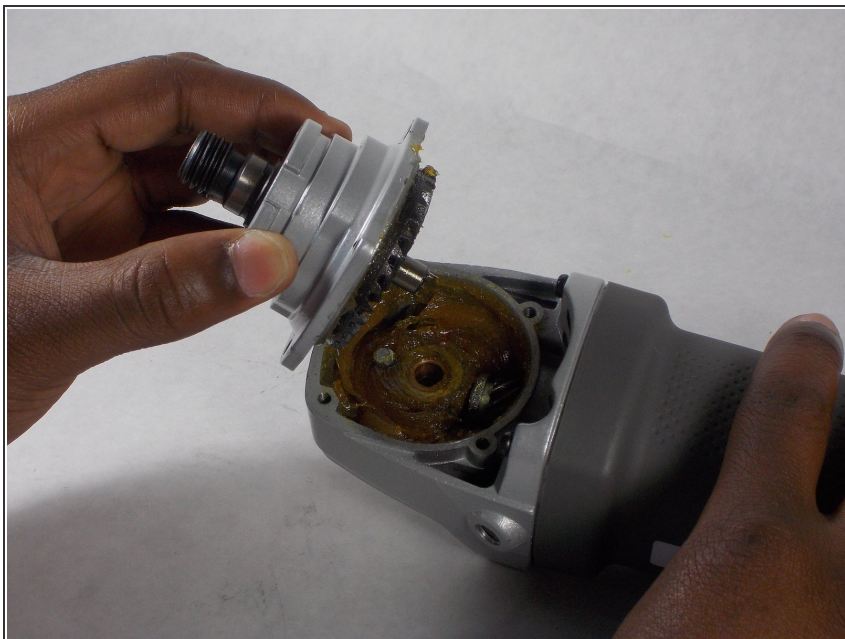
- Using the Phillips #2 screwdriver, remove the 1 inch black retainer screw.

## Step 6



- Using the Phillips #2 screwdriver, remove the four, 1/2" Phillips screws around the head gear.

## Step 7



- Carefully pull the head gear away from the device, and set aside.

## Step 8



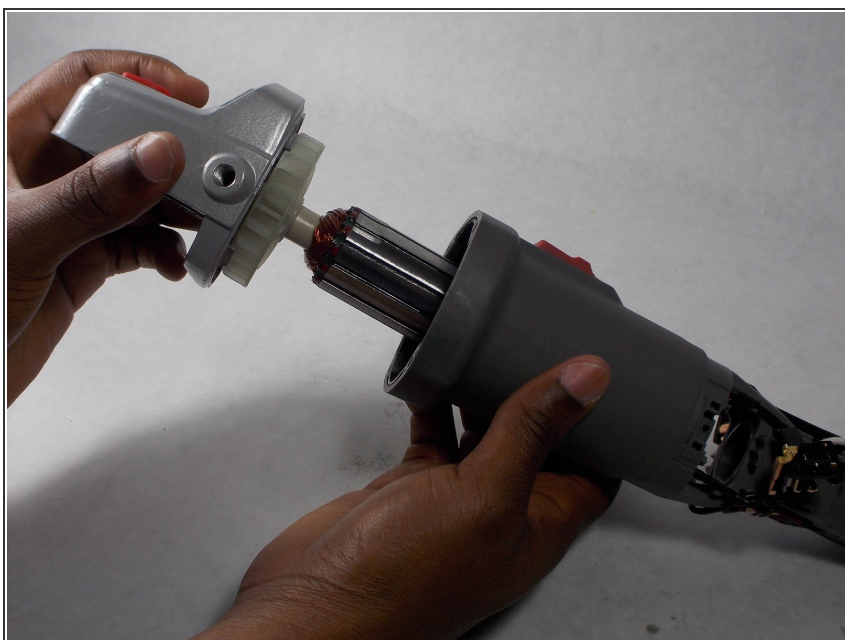
- Using the Phillips #2 screwdriver, remove the two 1/2" Phillips screws holding the head to the body on the bottom side of the grinder.

## Step 9



- Using the Phillips #2 screwdriver, remove the other two 1/2" Phillips screws holding the head to the body on the top side of the grinder.

## Step 10



- Holding the head of the device, carefully pull the motor assembly out of the body of the device.



## Step 11



- Using a 9/16" wrench, loosen the spindle nut inside the head, from the motor assembly.

## Step 12



- Pull the motor assembly away from the head, and set aside



## Step 13



- Using a pair of needle nose pliers, remove the pinion gear from the head.

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