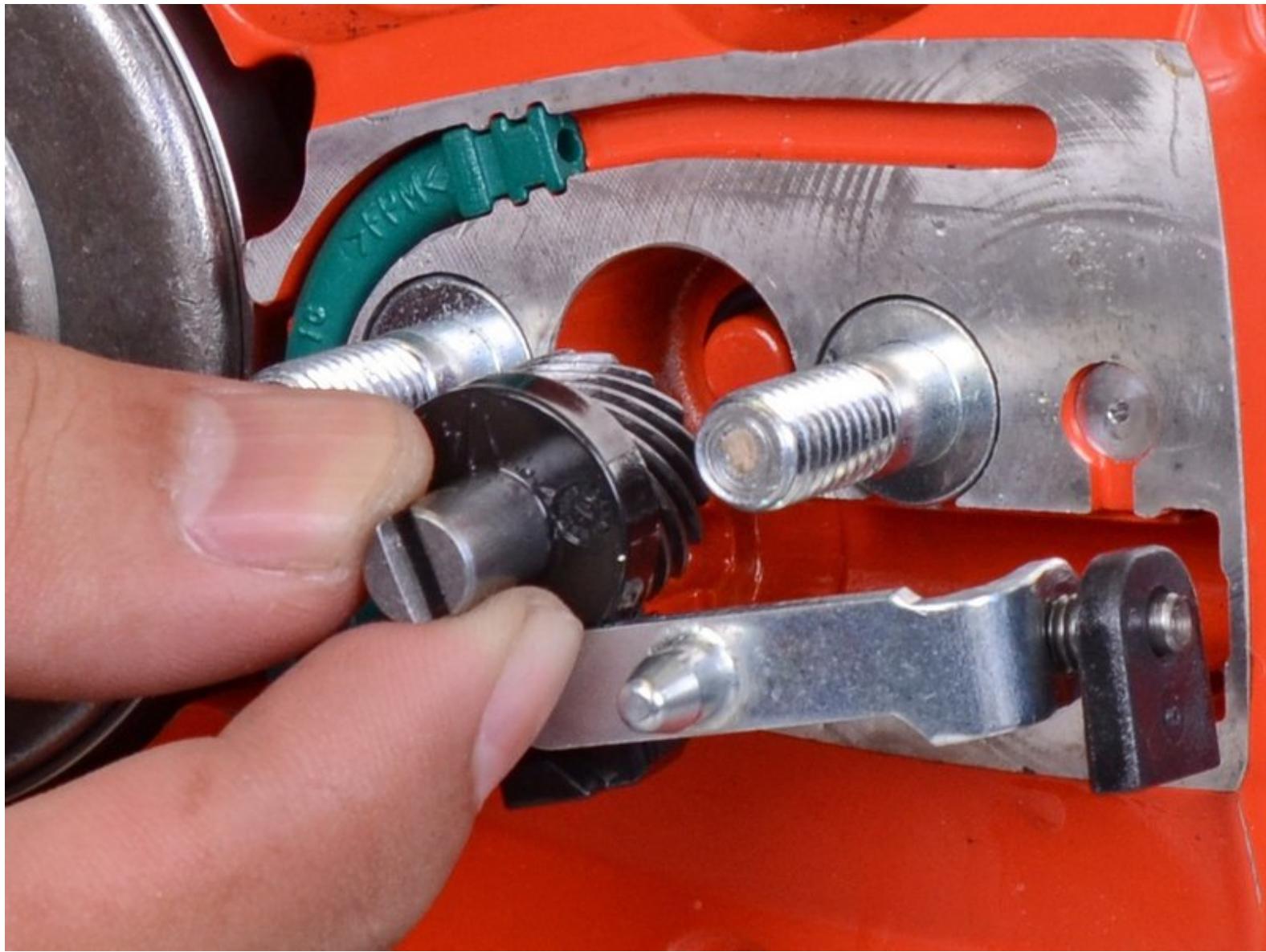




# Makita Chain Saw EA6100PR 2017 Chain Tensioner and Slide Replacement

Remove and replace a worn out chain tensioner for a Makita chainsaw.

Written By: Arthur Shi



## INTRODUCTION

This guide shows how to remove and replace the chain tensioner module in a Makita chainsaw.

### Optional Tools:

- Chainsaw scrench

### TOOLS:

- 13mm Socket (1)  
1/2" OK, or chainsaw scrench
- T27 Torx Screwdriver (1)
- lubricating oil (1)

### PARTS:

- Makita Chain Tensioner Cpl. 130-213-160 (1)

## Step 1 — Remove the sprocket guard plate



- Use a 13 mm socket to remove the two nuts securing the sprocket guard plate.

## Step 2



- Remove the sprocket guard plate.

## Step 3 — Remove the chain and guide bar



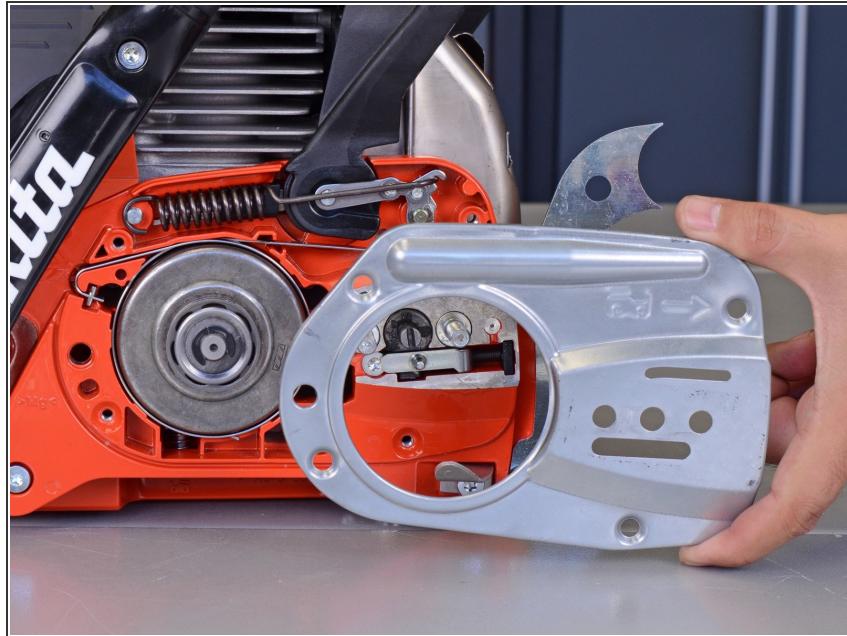
- If the chainsaw has a chain and guide bar installed, follow the manufacturer's instructions and remove them before proceeding.
- ☒ During reassembly, if you are reinstalling the chain and guide bar, follow the manufacturers instructions on proper chain tensioning techniques.

## Step 4 — Remove the chain brake cover



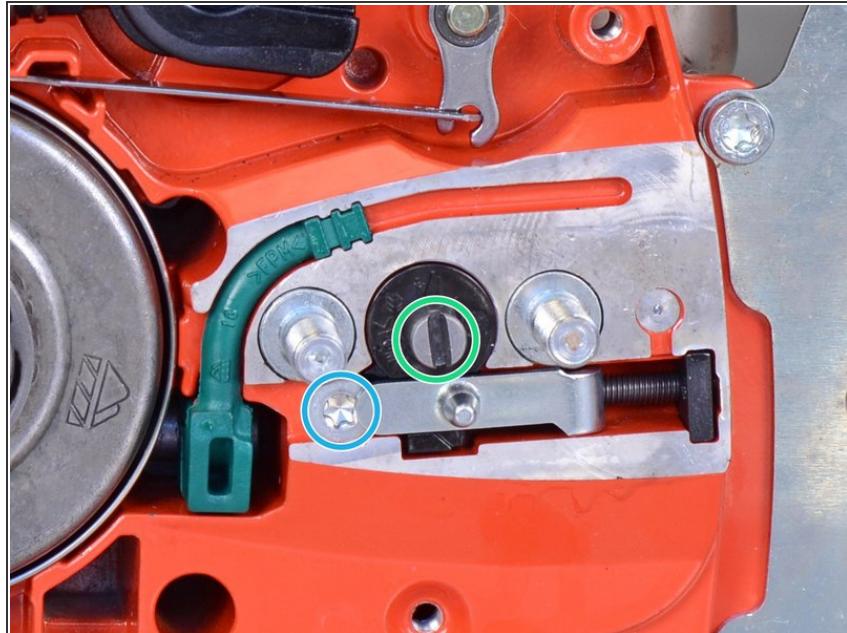
- Remove the four 12 mm long T27 screws securing the chain brake cover.

## Step 5



- Remove the chain brake cover.

## Step 6 — Remove the tensioner assembly



- Twist the tension screw clockwise until the slide bar stops at the right end.
- Remove the single 15.7 mm long T27 screw holding the chain tensioner assembly in place.

## Step 7



- Use your fingers to pull the assembly out of its recess and remove it.

## Step 8



- If the packing ring did not come out with the assembly, remove it from the recess.

## Step 9 — Assemble the replacement tensioner



*i* The next three steps show how to prepare the new tensioning assembly for replacement.

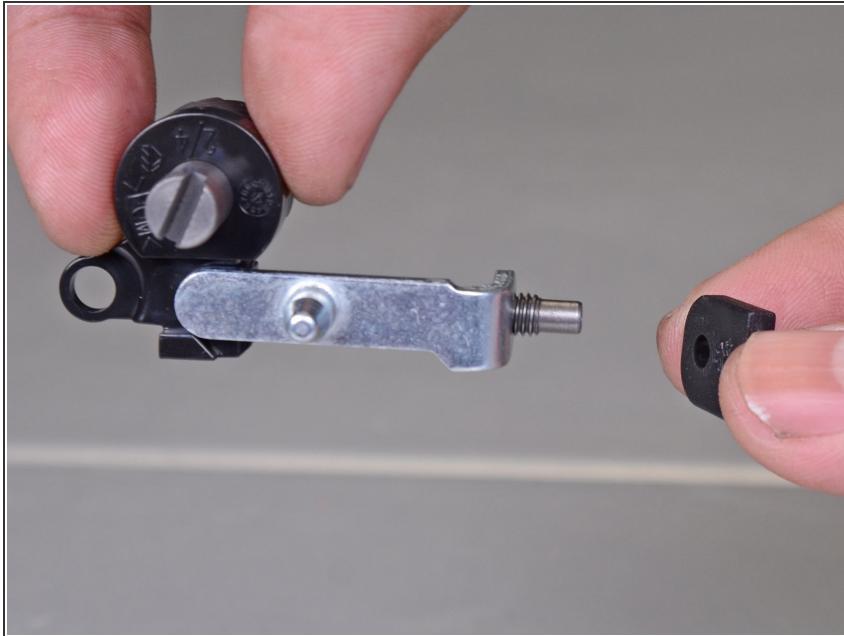
- Lightly lubricate the packing ring and press it into the back of the adjustment screw.

## Step 10



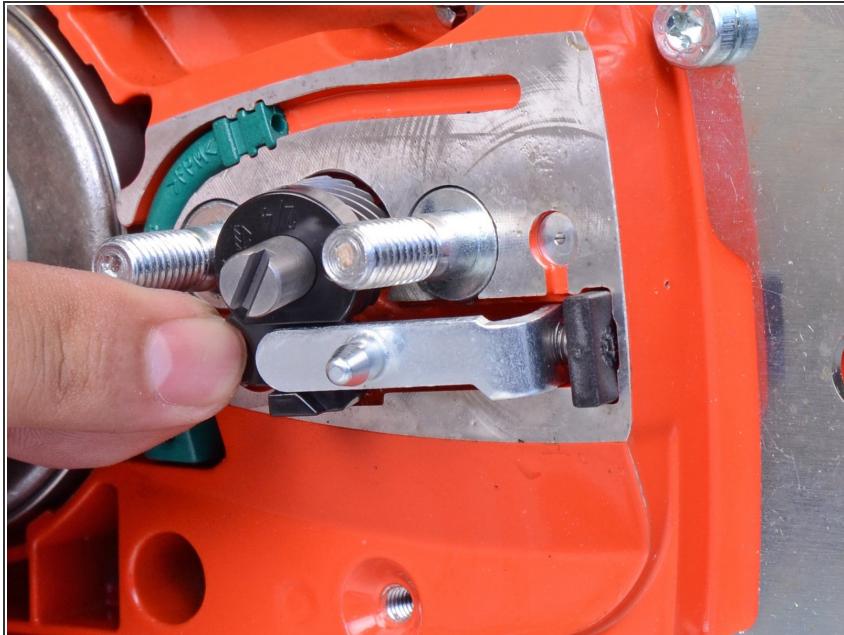
- Slide the adjustment screw into the tensioning assembly such that the gears mesh together.

## Step 11



- Slide the shaped plastic bearing onto the end of the assembly.
- Lightly lubricate all moving surfaces.

## Step 12



- Line up the tensioning assembly with its recess in the chainsaw and push it into the recess.

***i*** Make sure that the black plastic bearing slides in rounded-edge first.

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