



Makita Chain Saw EA6100PR 2017 Chain Tensioner and Slide Replacement

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

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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



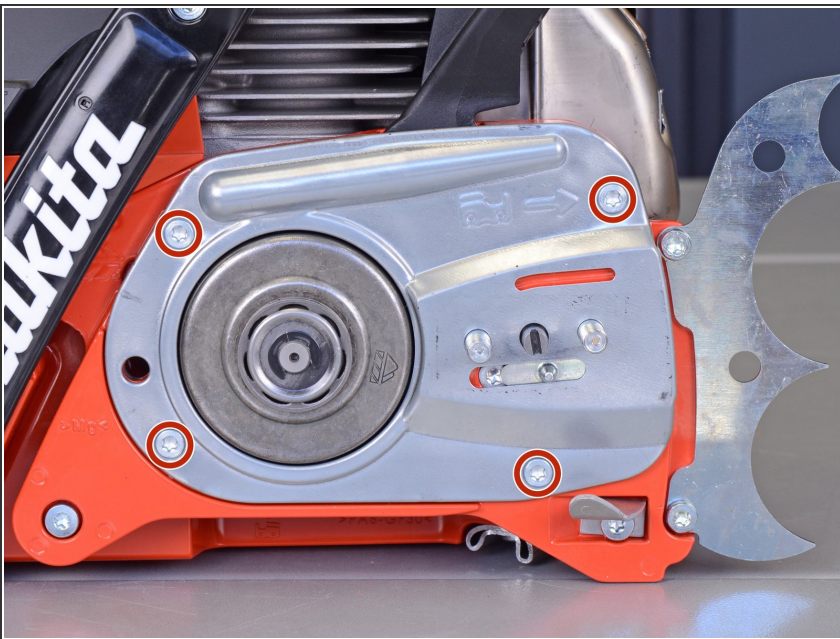
- Remove the sprocket guard plate.

Step 3 — Remove the chain and guide bar



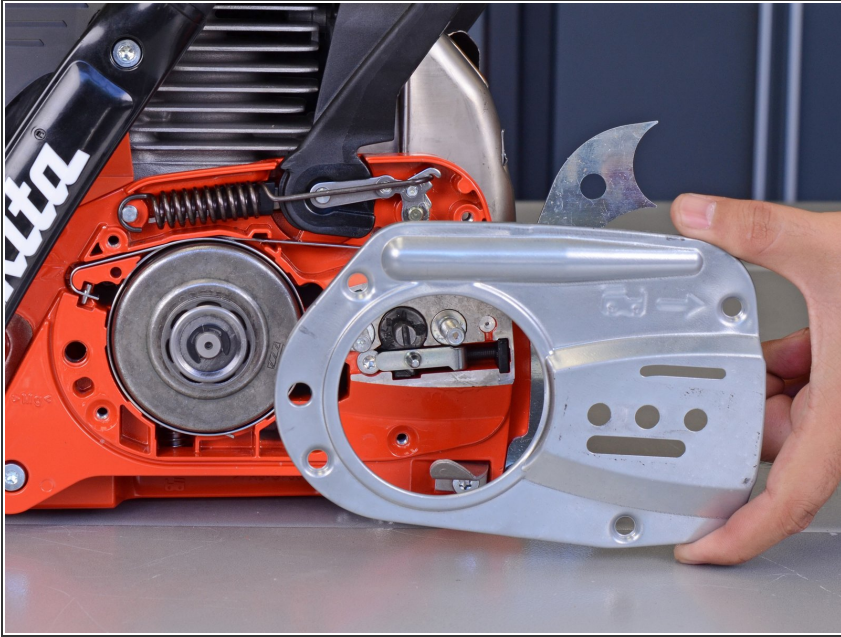
- If the chainsaw has a chain and guide bar installed, follow the manufacturer's instructions and remove them before proceeding.
- ☑ During reassembly, if you are reinstalling the chain and guide bar, follow the manufacturers instructions on proper chain tensioning techniques.

Step 4 — Remove the chain brake cover



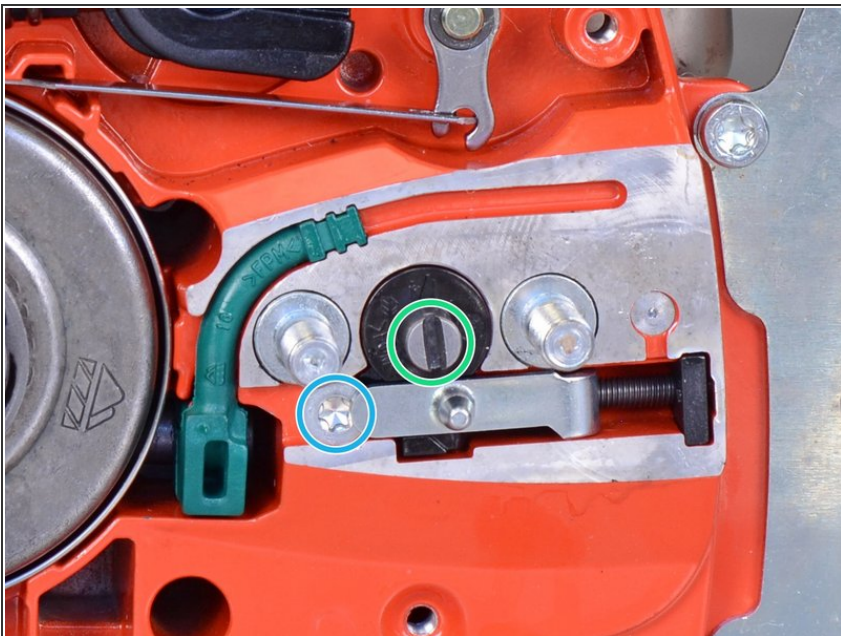
- Remove the four 12 mm long T27 screws securing the chain brake cover.

Step 5



- Remove the chain brake cover.

Step 6 — Remove the tensioner assembly



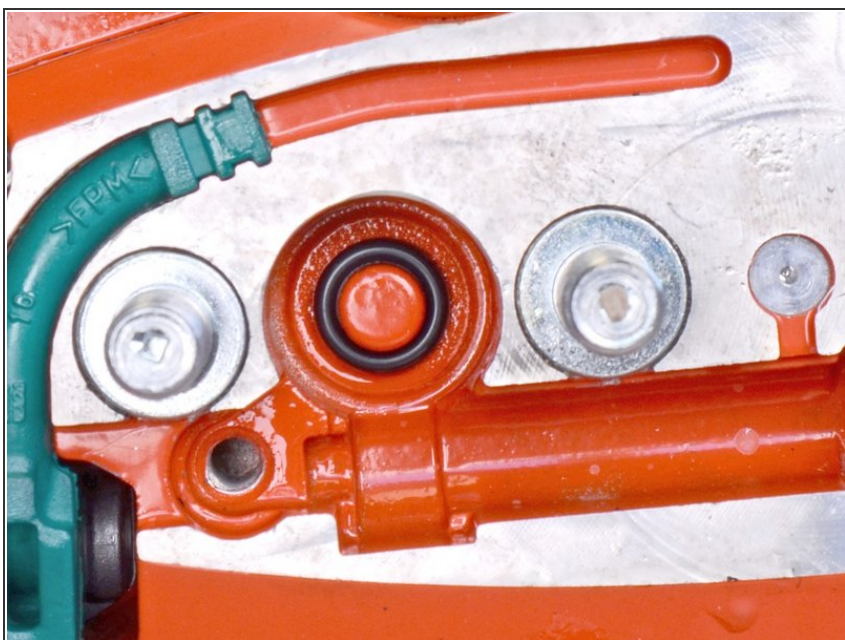
- Twist the tension screw clockwise until the slide bar stops at the right end.
- Remove the single 15.7 mm long T27 screw holding the chain tensioner assembly in place.

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



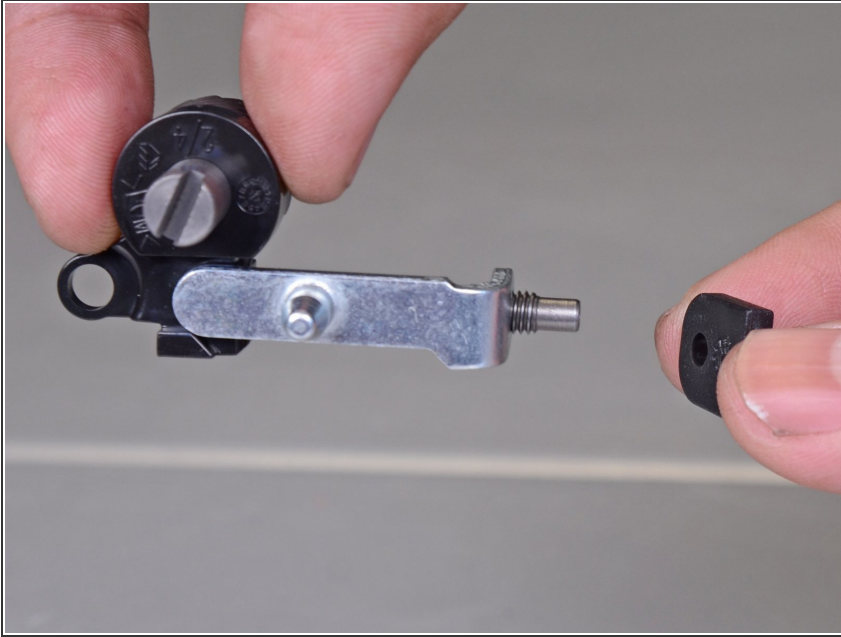
- ❗ The next three steps show how to prepare the new tensioning assembly for replacement.
- Lightly lubricate the packing ring and press it into the back of the adjustment screw.

Step 10



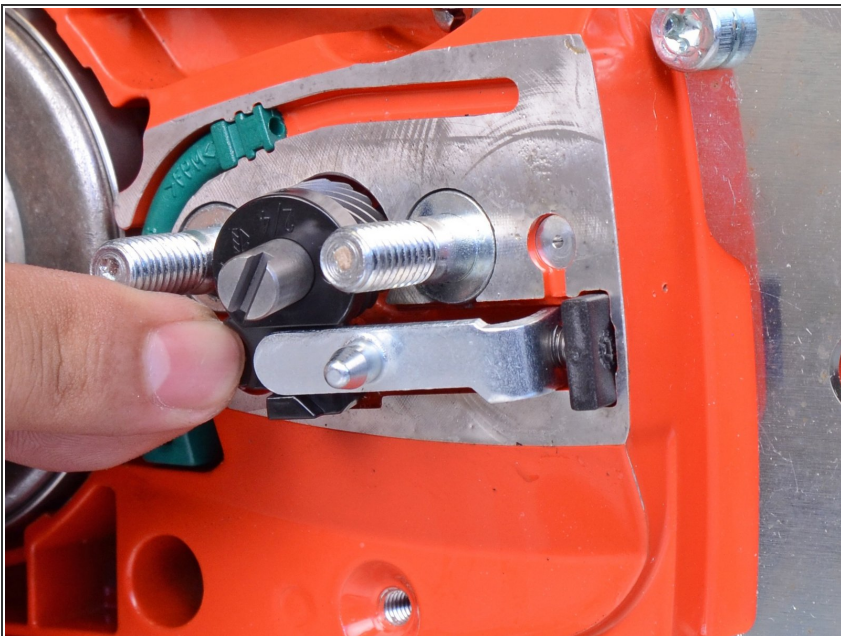
- Slide the adjustment screw into the tensioning assembly such that the gears mesh together.

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

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