



# Makita Chain Saw EA6100PR 2017 Clutch Drum Replacement

Remove and replace a worn out clutch drum for a Makita chainsaw.

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## INTRODUCTION

Follow this guide to remove and replace a worn out clutch drum for a Makita chainsaw.

*Some images in this guide may show the chain brake cover removed. You do not need to remove the chain brake cover for this procedure.*

### Optional tools:

- Chainsaw scrench



### TOOLS:

- [13mm Socket](#) (1)  
*1/2" OK, or chainsaw scrench*
- [Small Flathead Screw Driver](#) (1)  
*or snap ring pliers*
- [lubricating oil](#) (1)



### PARTS:

- [Makita Clutch Drum Cpl., Ea 181-223-200](#) (1)
- [Makita Stop Ring E-8, Ea4300F 259045-7](#) (1)  
*Optional*

## 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 — Release the chain brake



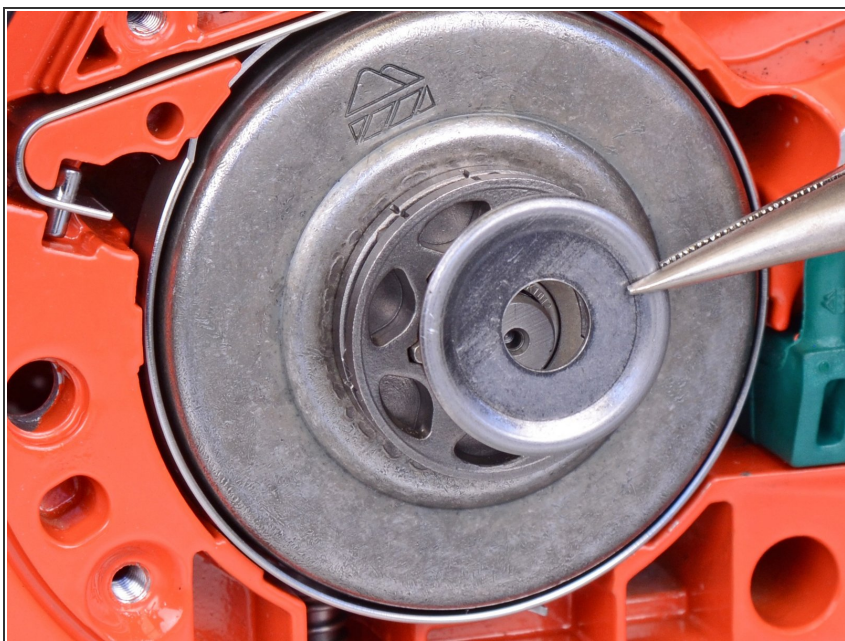
- Pull the hand guard towards the tubular handle until you hear a click to release the chain brake.

## Step 5 — Remove the stop ring



- Use a small flathead screwdriver or snap ring pliers to pry and remove the stop ring from the axle.

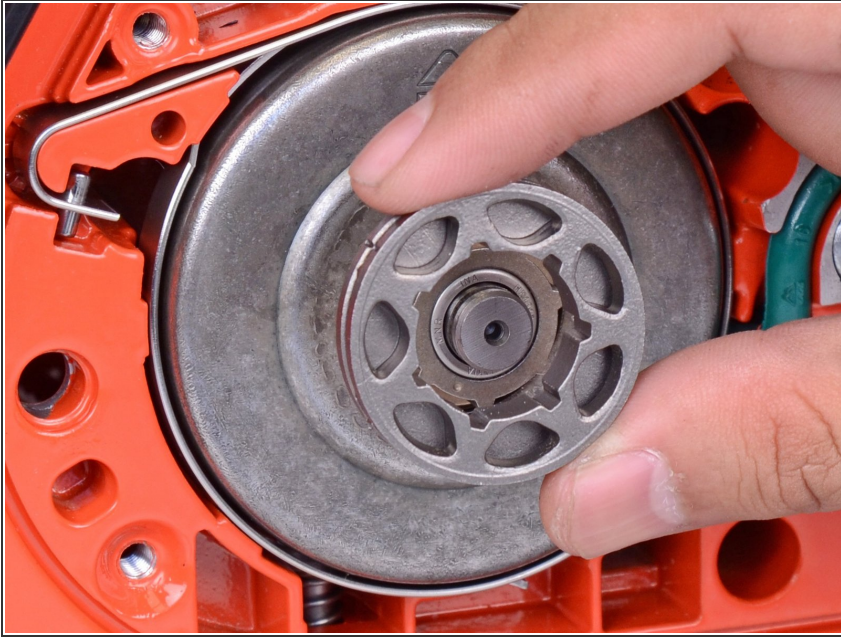
## Step 6 — Remove the flat washer



- Slide the flat washer off of the axle and remove it.

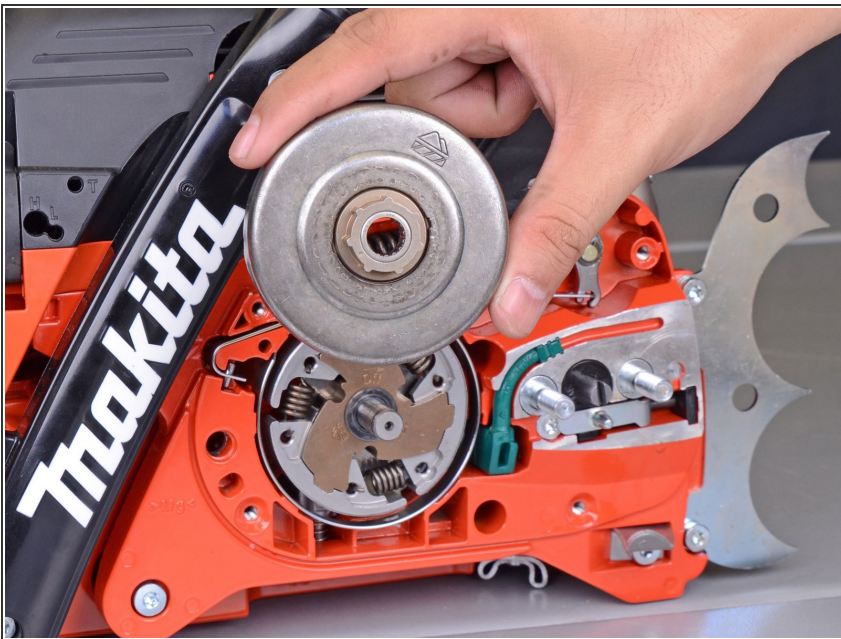
- ★ **Re-assembly tip**—be sure to re-install the washer in the correct orientation as shown in the picture.

## Step 7 — Remove the rim sprocket



- Slide the rim sprocket off of the axle and remove it.
- ★ **Re-assembly tip**—be sure to re-install the rim sprocket in the correct orientation as shown in the picture.

## Step 8 — Remove the clutch drum



- Slide the clutch drum off of the axle and remove it.
- ★ During re-assembly, lubricate all moving surfaces, such as the axle.

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