



# Disassembling Sigma 24-70mm F2.8 EX DG Macro Lens Zoom bearing

How to reach a part which makes the lens zoom. Done by Rimvydas Gudeliauskas

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## INTRODUCTION

My autofocus bearings were stopped, I could focus only between min to 0.5m. This will show how to reach a part which moves the lens and makes it to zoom and focus.

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### TOOLS:

- Cross Screw Driver (1)

## Step 1 — Disassembling Sigma 24-70mm F2.8 EX DG Macro Lens Zoom bearing



Camera lens are delicate and intricate. Be careful with the disassembly and work slowly.

- Take the lens away from camera
- DO NOT FORGET: THAT YOU ARE DOING ALL ON YOUR OWN RESPONSIBILITY

## Step 2



- Unscrew the top part and detach it.
- Unjoin cables. Be careful; they're delicate, and easily torn.
  - Try to avoid contact with the sensitive electronic components.
- Unfasten the screws that hold the circuit board in place, and separate it from the rest of the lens assembly.

## Step 3



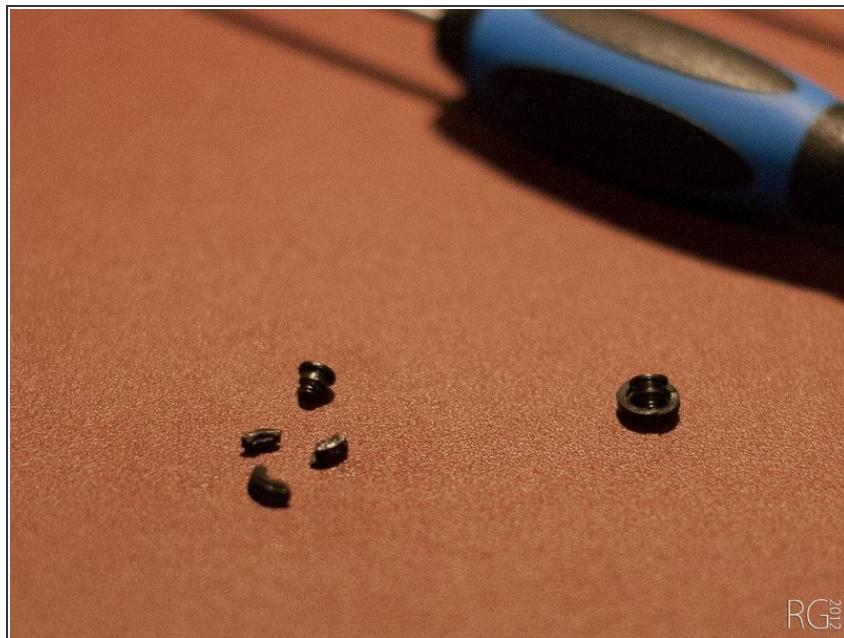
- Take away zoom rubber and you will find screws

## Step 4



- Just take parts you need until you reach what you want to fix
- Zoom bearing can be taken away by unscrewing its screws.

## Step 5



- Here is one of the parts which was broken, so I go to camera repair shop, and bought that parts. As this was not the only part broken, I had to leave for additional repair.
- When you finish you can put all back together

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