



Nikon D90 Flash Hinge Spring Replacement

This guide will show you how to replace a worn out or damaged spring within the flash hinge.

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INTRODUCTION

The spring of the camera flash can sometimes wear out and needs to be replaced. This guide shows how to replace the spring within the hinge of the camera flash. Be careful not to strip any screws when disassembling the camera.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)

Step 1 — Open the Flash



- Use a plastic opening tool to lift up the flash.

Step 2 — Flash Casing Screws



- Using a PH00 screwdriver, remove the two 5.3 mm Phillips screws from the flash casing.

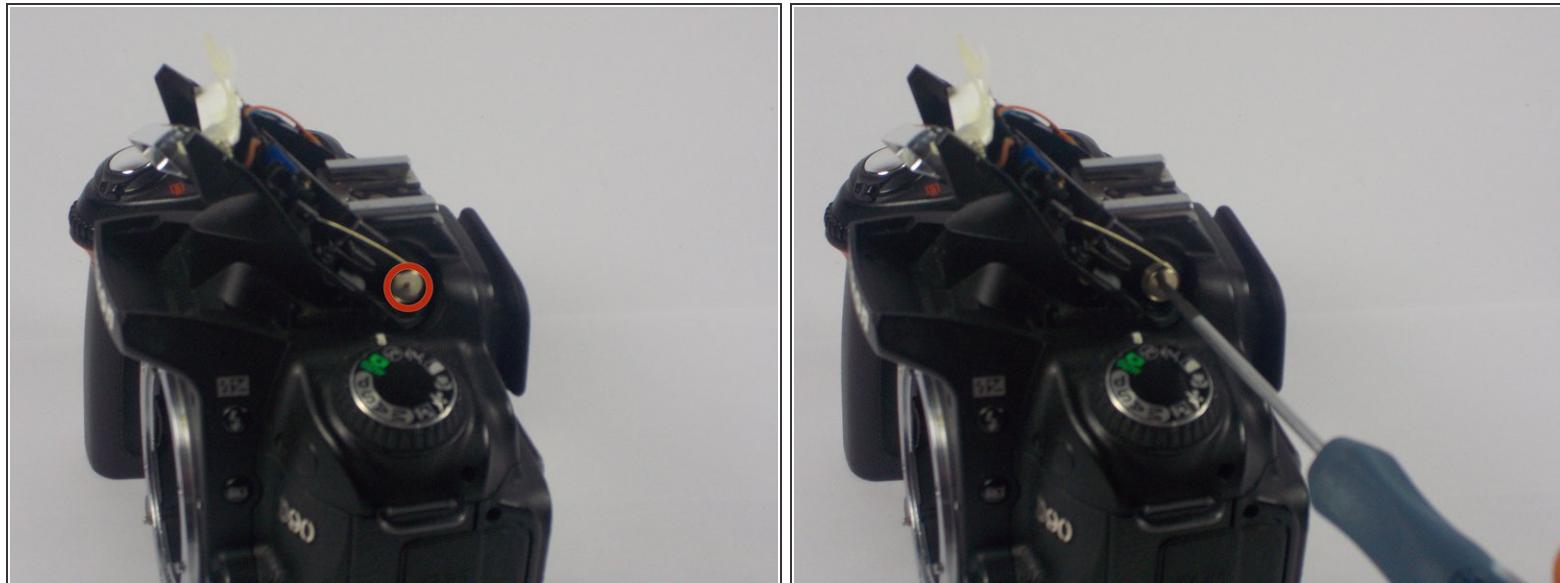
 Be careful not to strip the screw heads.

Step 3 — Removing the Top Flash Casing



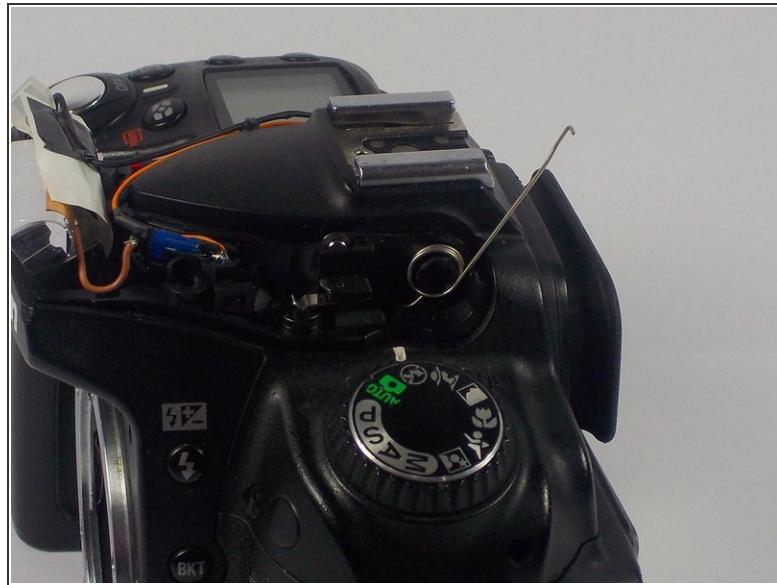
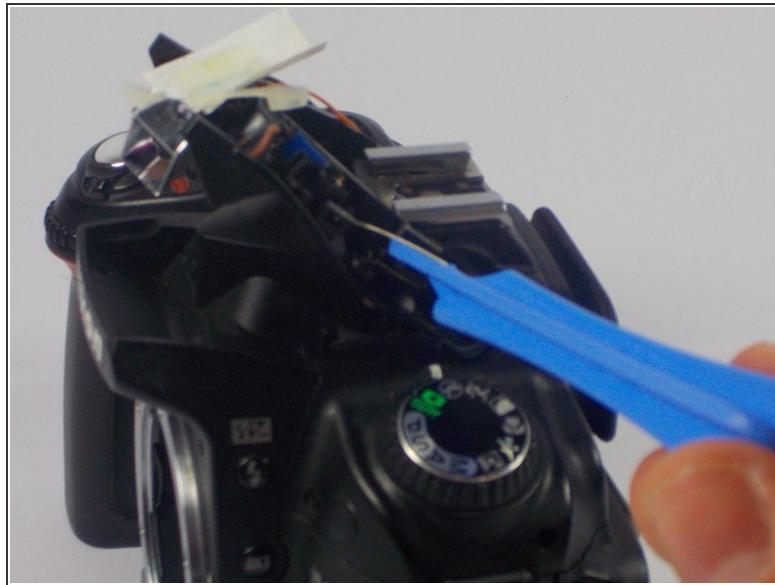
- Use a plastic opening tool and carefully pry open the top casing of the flash.
- Then, lift off the top casing of the flash.

Step 4 — Loosening the Spring Screw



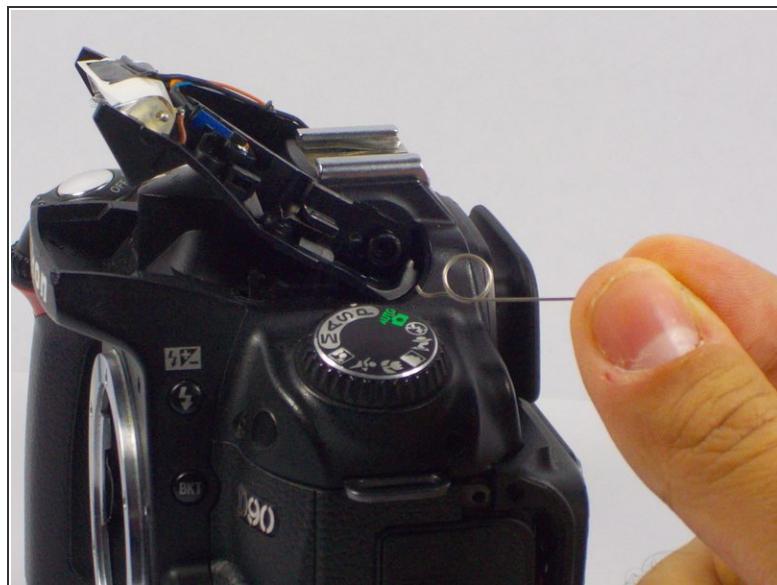
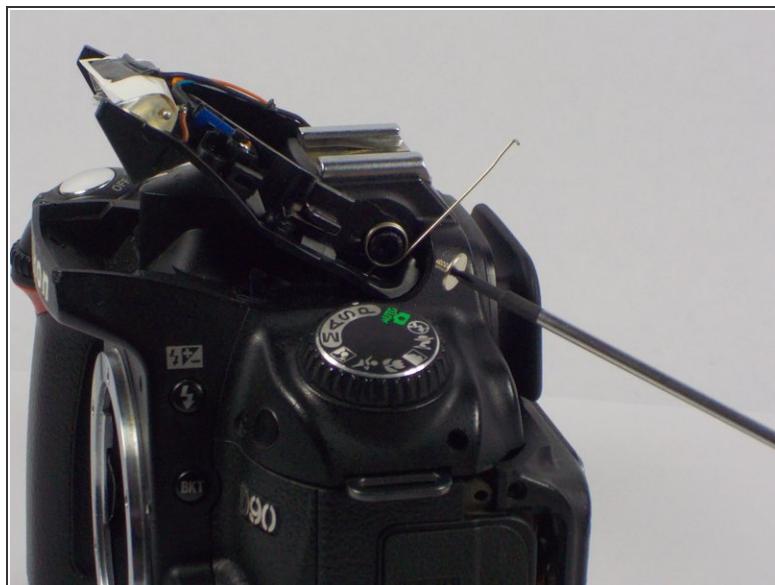
- Using a PH00 screwdriver, loosen the 3.3 mm Phillips screw from the spring.

Step 5 — Releasing the Spring



- Use a plastic opening tool and carefully pry up the spring arm.
- Doing this with release the pressure of the spring.

Step 6 — Removing the Spring



- Finish removing the screw holding the spring in place.
- The spring can now be removed and replaced.

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