



Koosh Vortex Tornado Loading Spring Replacement

Replace the loading spring in your Koosh Vortex Tornado.

Written By: Lingbin Meng



INTRODUCTION

This guide will show you how to replace the loading spring in the Koosh Vortex Tornado.



TOOLS:

- [Phillips #1 Screwdriver](#) (1)
- [Spudger](#) (1)

Plastic

Metal Spudger is preferred

Step 1 — Barrel Shield Spring



- Remove the fourteen 150 mm Phillips #1 screws on the side of the body.

Step 2



- Pull the shells apart to show the inside of the gun. Set the left shell aside.

Step 3



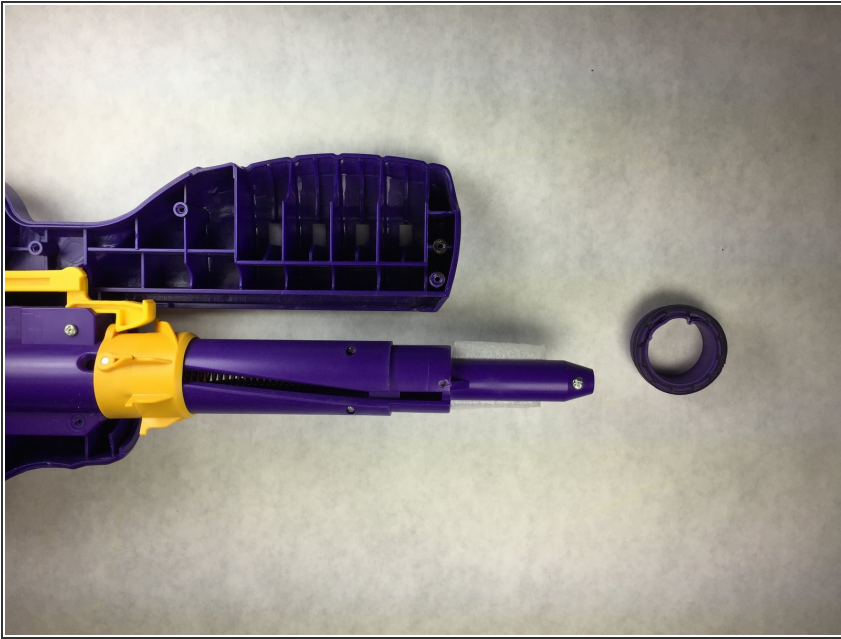
- Using a spudger, unhook the barrel shield's spring from the base of the gun.

Step 4 — Trigger



- Slide the barrel shield and shield slide off of the gun and set aside.

Step 5



- Slide of the rubber ring and set aside.

Step 6



- Lift the yellow trigger from its pin and set aside.

Step 7 — Loading Spring



- Use Phillips #1 Screwdriver to unscrew the two 30mm diameter by 125mm long washer head screws from the yellow loading bar lever.

Step 8



- Lift the yellow lever bar out of place and set aside.

Step 9



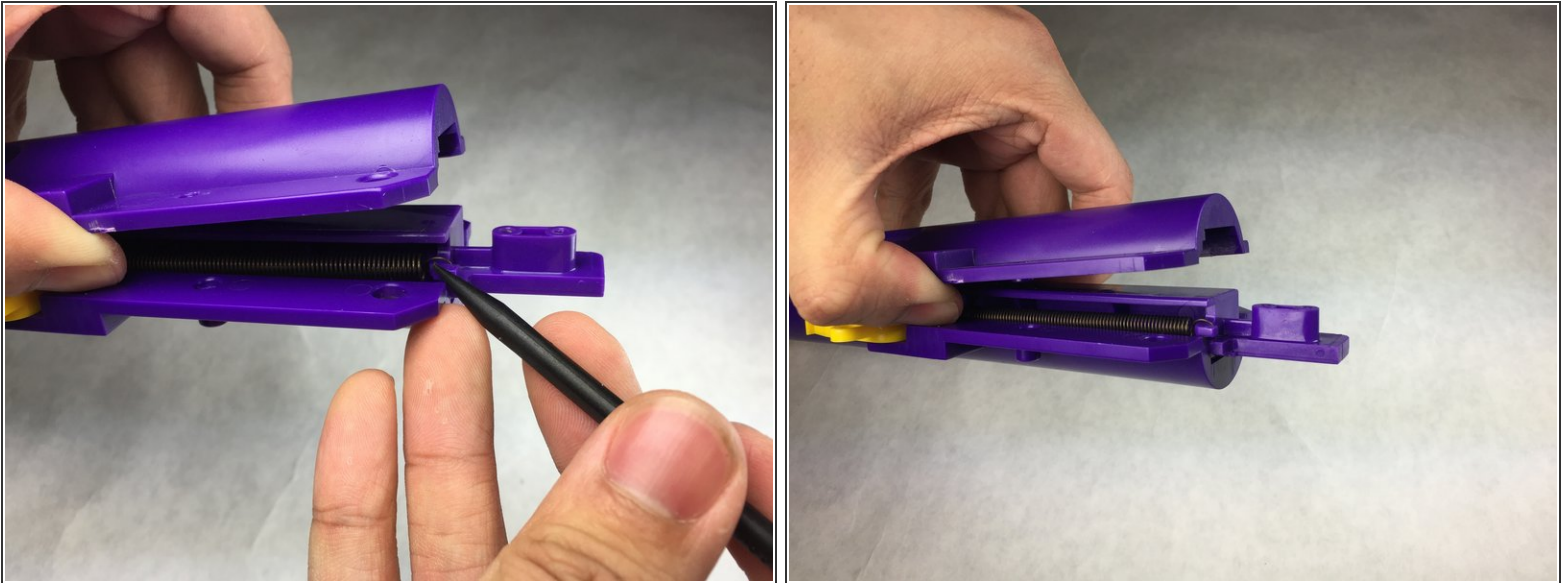
- Use Phillips #1 Screwdriver to unscrew the six 30mm diameter by 100mm long screws from the central firing assembly.
- Use Phillips #1 Screwdriver to unscrew the four 20mm diameter by 90mm long screws from the central firing assembly.

Step 10



- Pull the other side shell off of the central firing assembly. Set the side shell aside.

Step 11



- Open the two sides of the central firing assembly to expose the spring.
- ⓘ The two sides cannot be fully separated due to a pin holding the yellow collar tightly together.

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