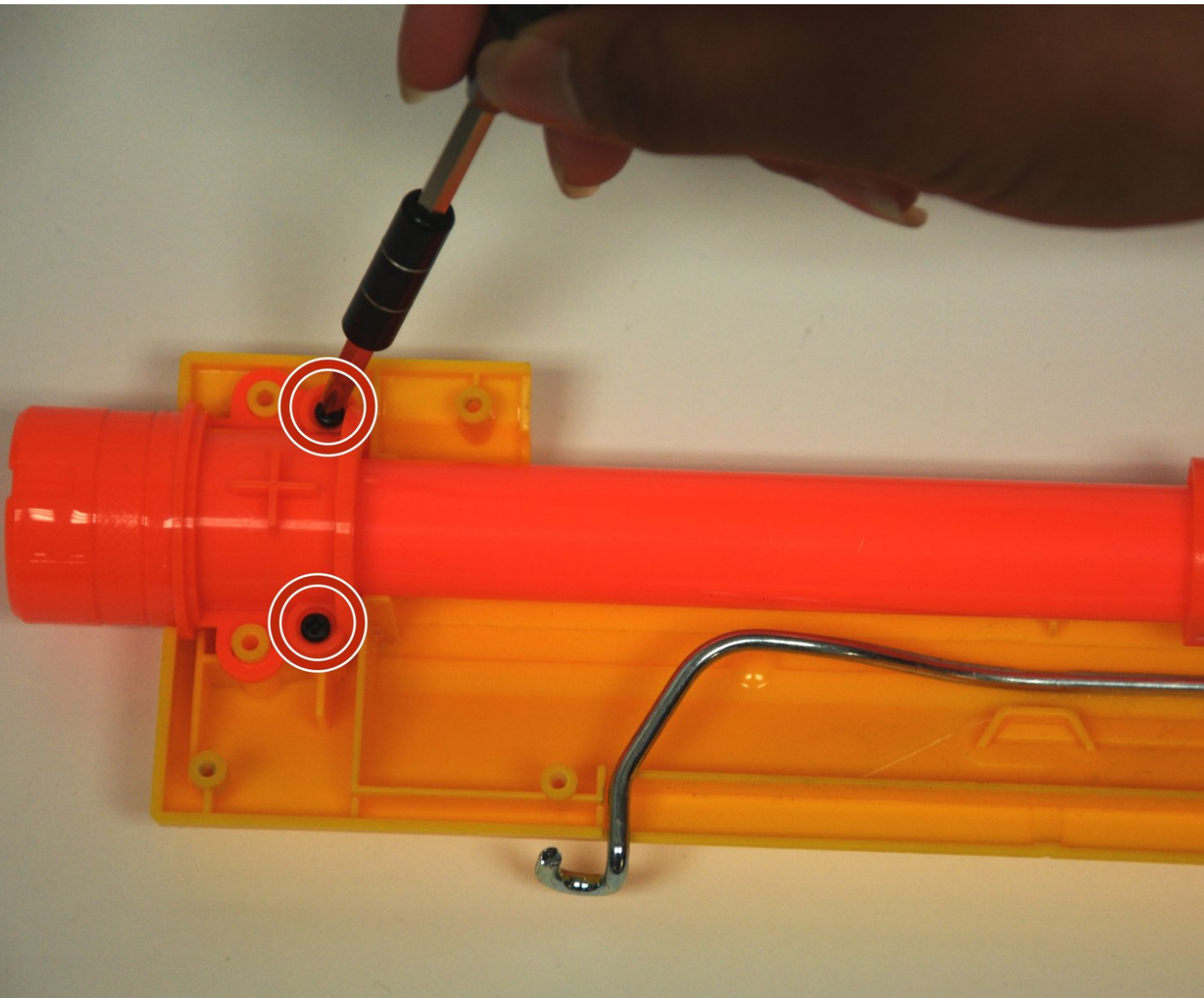




# Nerf Alpha Trooper CS-18 Hammer Rod Replacement

Hammer rod is causing the gun to not pump correctly.

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## INTRODUCTION

This guide will walk you through the steps to disassemble your Nerf rifle and access the hammer rod. After you have replaced the rod you will simply follow the guide in reverse to get back to the the action!



### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
  - [4 mm Bit Extension](#) (1)
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## Step 1 — Plunger



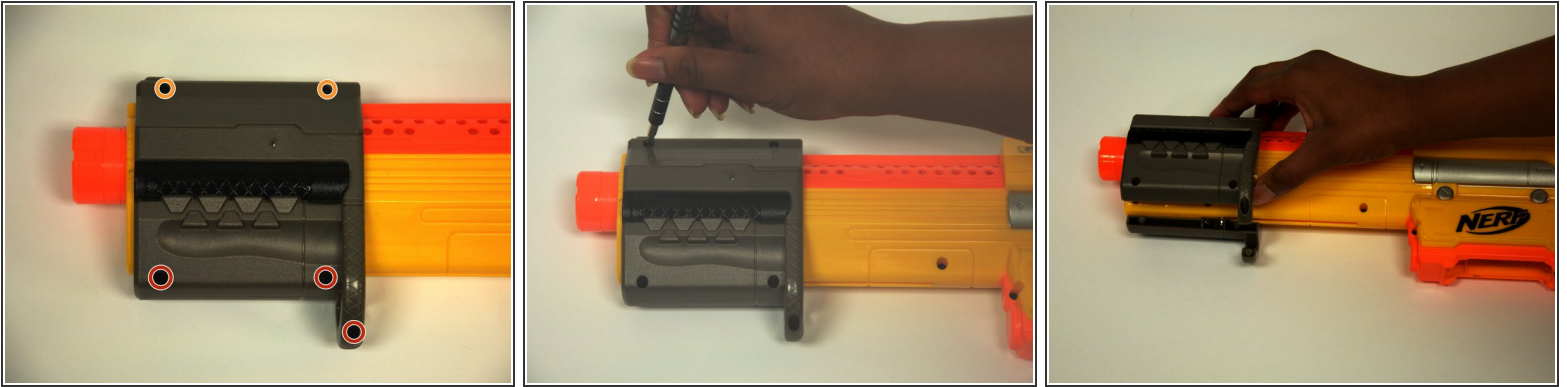
- ✦ It is important to group screws together by length to ensure proper reassembly.
- ⚠ Be sure that the device has been discharged and is unloaded before beginning the repair process.

## Step 2



- Look at the rear of the rifle. Remove the two 10 mm Phillips head screws that hold the black cap to the rear of the rifle.
- Gently remove the black cap.

### Step 3



- Point the barrel of the device to the left, screw side up. Remove the two 8 mm Phillips head screws (the top two) holding the device slide together.
  - Keep the device in the same position, remove the three 10 mm Phillips head screws from the bottom of the device slide.
  - Once all screws are removed, carefully separate the two halves of the device slide and put them aside.
- ✦ Be sure to keep track of which screws correspond to the correct holes.

## Step 4





- Keeping the barrel in the same position as step 3, remove the fourteen 10 mm Phillips head screws from the body of the device.
  - With the device in the same position, remove the two 5 mm Phillips head screws from the body of the device.
  - With the device in the same position, remove the two 8 mm Phillips head screws from the body of the device.
- ✦ Screws vary in lengths. Be sure to keep track of which screws correspond to the correct holes.

## Step 5



- Grip the cartridge insert, and pull the two halves of the device apart.

 **Warning!** The firing spring is not fastened to the device. It and other small parts may fall out of the device when separating it.

-  If you are having difficulty separating the two halves of the device, use a spudger to pry the two halves apart.

- Remove the access gate and barrel cover.

## Step 6



- Now remove the main firing spring from the rear of the device by gently pulling it.

## Step 7



- Slide the plunger lock back away from the device, then lift out towards yourself to remove.

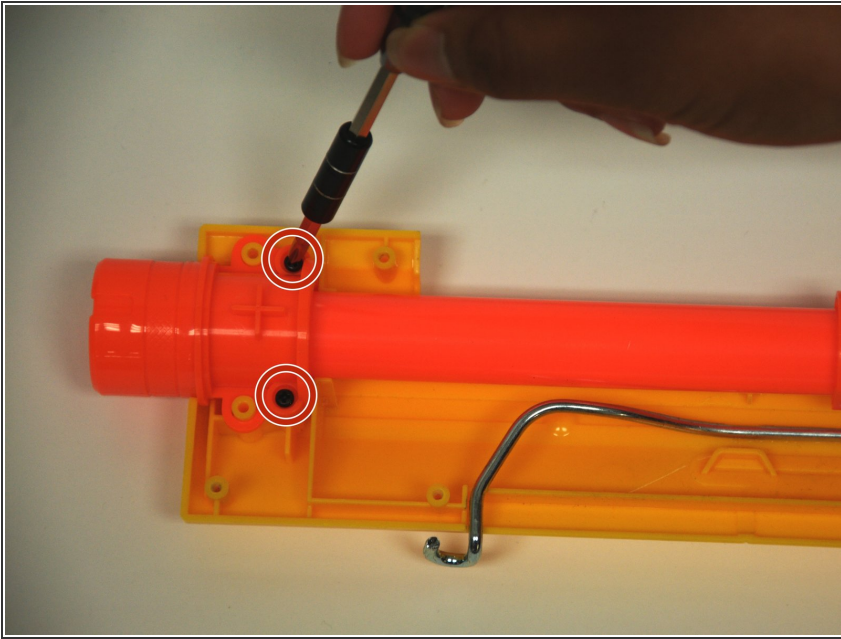
⚠ Be careful not to lose the small spring on the top of the plunger lock.

## Step 8



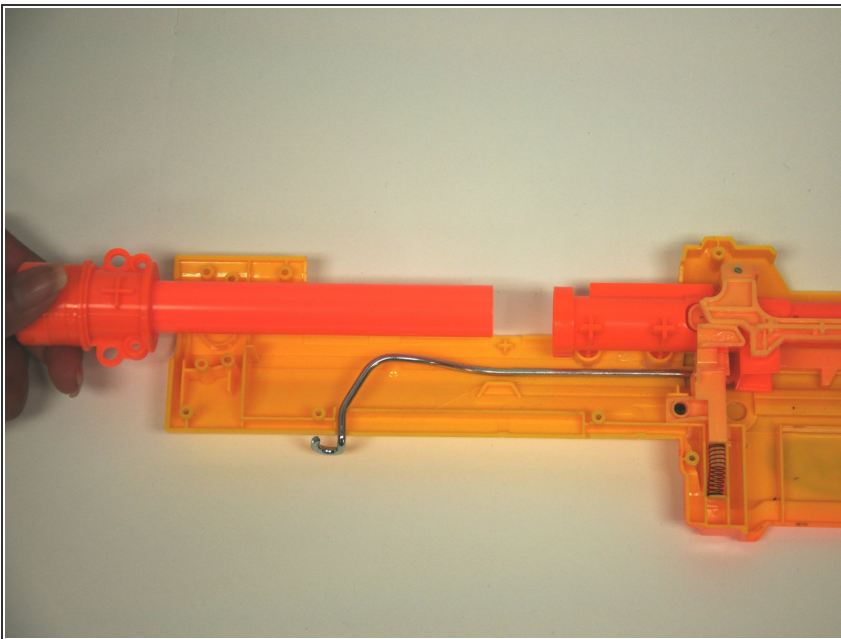
- Pull plunger away in the same motion as in step 7 with the plunger lock.

## Step 9 — Hammer Rod



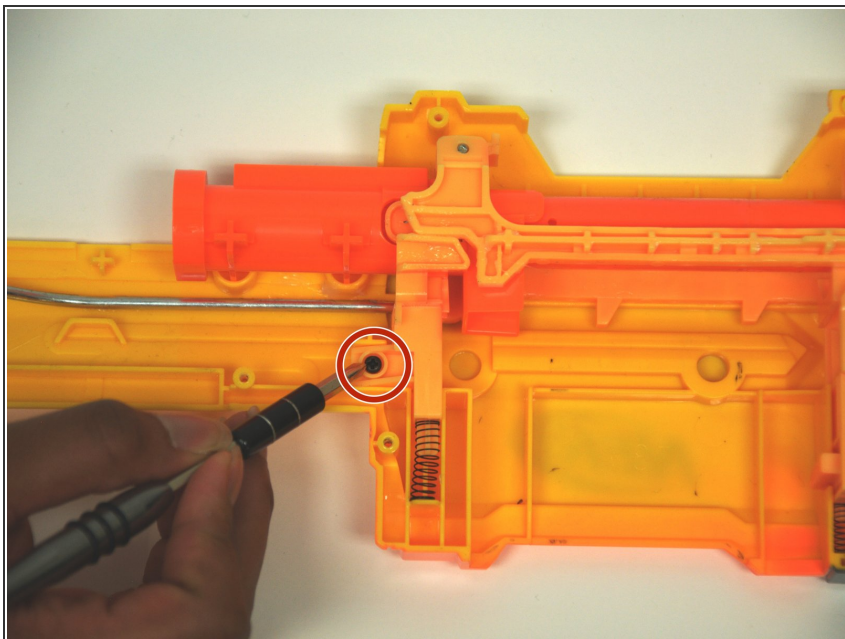
- Remove the two 5mm phillips screws holding the muzzle in place.

## Step 10



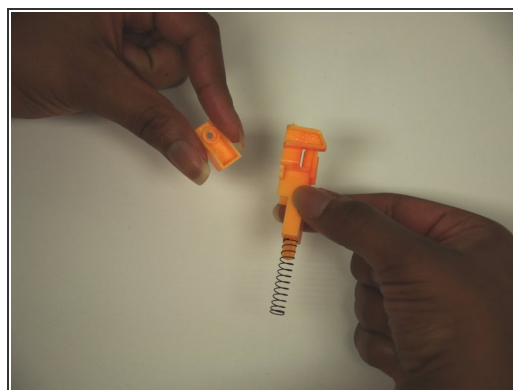
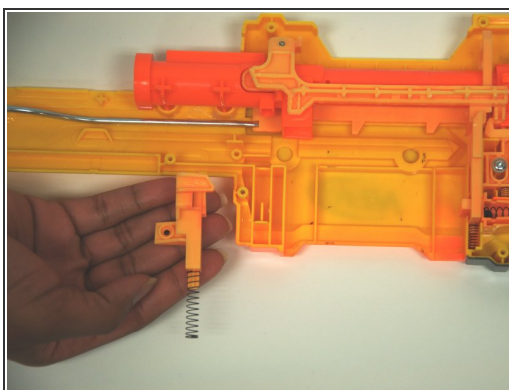
- Remove the barrel and muzzle assembly from the gun body.

## Step 11



- Remove the 5mm phillips screw holding in the chamber lock mechanism.

## Step 12



- Pull the front chamber lock spring out of its seat.
  - Pull the front chamber lock down and out of the rifle barrel.
- ★ Note there are two pieces to this mechanism.

## Step 13



- Hold down the spring that locks the chamber to the forward position, then slide the chamber to the rear of the rifle.
- Remove front barrel guide.

## Step 14



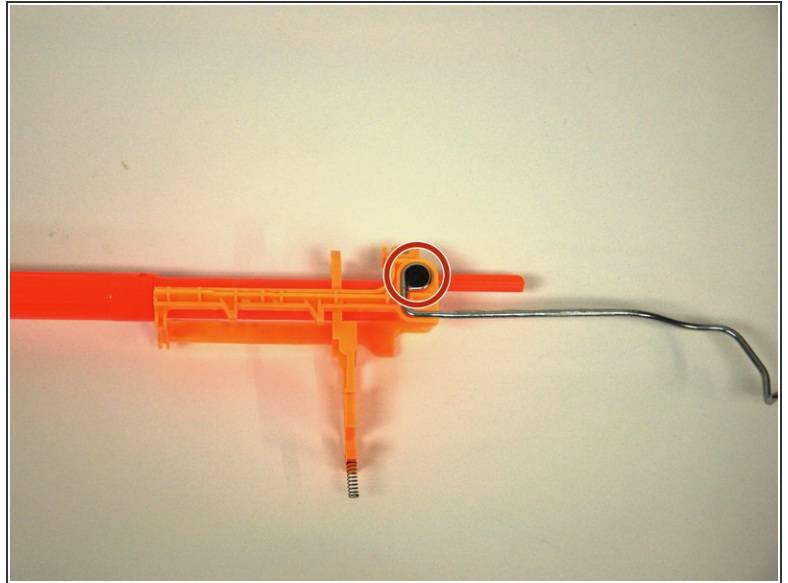
- Push the barrel forward and remove square piece that holds the back of the barrel in place.

## Step 15



- Pull the air cylinder and plunger assembly out of the rifle.

## Step 16



- Hold the slide lock down and pull the bullet chamber assembly up and out of the rifle.
- Part of the magazine lock mechanism should come along with it.
- ⓘ Note: The hammer rod mechanism is flipped over in the second picture. The rod should face the front of the gun with the screw facing down.
- Remove the screw and replace the hammer rod.

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