



Gas Blowback Airsoft Magazine Reassembly

This guide will show you how to re-assemble the airsoft GBB magazine and what to watch for well doing so.

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INTRODUCTION

In GBB the magazine does most of the work so it is good to know how to work on it.

TOOLS:

- [Airsoft Valve tools \(Recommended\) \(1\)](#)
- [6-in-1 Screwdriver \(1\)](#)
- [Large Needle Nose Pliers \(1\)](#)
- [Soft Mallet \(1\)](#)
- [thick punch \(1\)](#)
- [64 Bit Driver Kit \(1\)](#)

Step 1 — Gas Blowback Airsoft Magazine Reassembly



- If you have taken down the magazine this far you can start screwing the tubes and caps. Either end of the tube will work.
- The o-ring can be a little crushed and still work effectively just make sure the the o-ring is evenly in position.
- The pliers technique used in the disassemble can also be used to screw the tubes back on to the rest of assemble.
- The tubes and caps need to tightly screwed down but not overly forced.

Step 2



- With the tubes and caps in place now is a good time check for leaks.
- If your valves have been removed begin putting them into place.
- Make sure that threads are line up and do not apply too much force to the valves.
- As mentioned in the disassemble using the proper valve removal tools is always best but with care you can use standard tools as shown.
- Once everything is in place you can gas up the magazine. I recommend using a green gas can that is not at full pressure to save on gas if it turns out that there still is a leak. If the lower pressure gas does not leak try filling the magazine with a full can of gas to see if it can handle the higher pressure.
- If you are trying to find where a leak is coming from you can use the silicone spray on the hole magazine and look for the bubbles.

Step 3



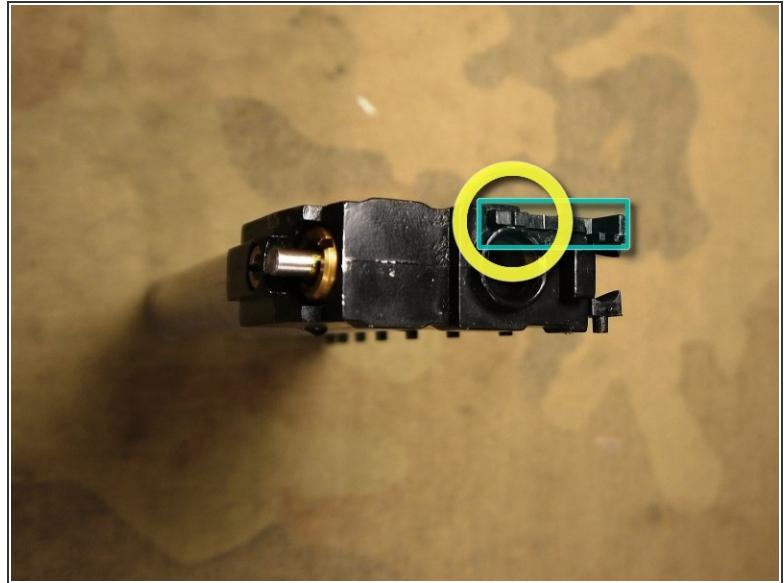
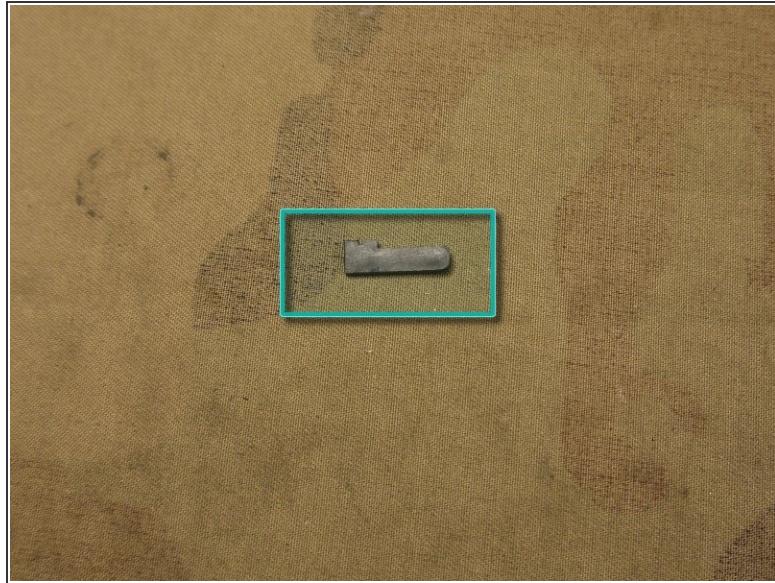
- If you are still struggling with leaks. You can use Teflon tape on the treads and silicone based plumbers grease on O-rings that do not move back and forth.

Step 4



- You can now add the bb track to the rest of the magazine core.
- Once in position make sure the nut is into position on the other side of the magazine and then add the screw back on as shown.

Step 5



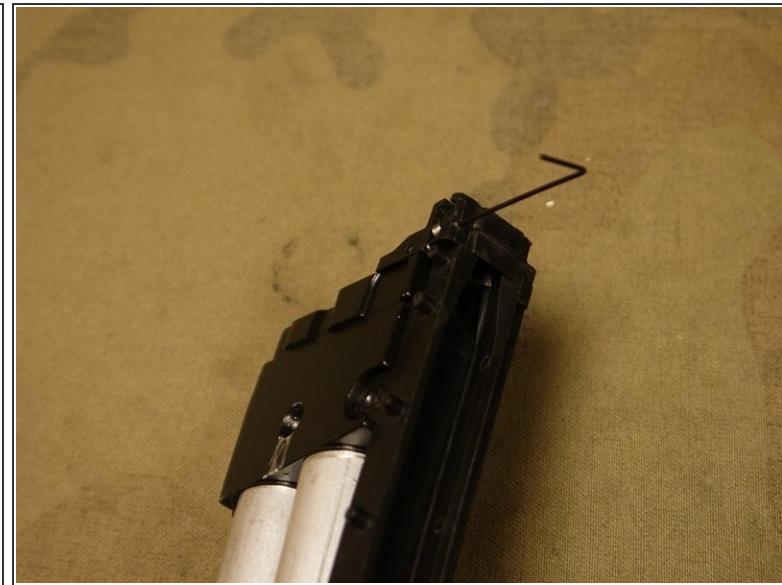
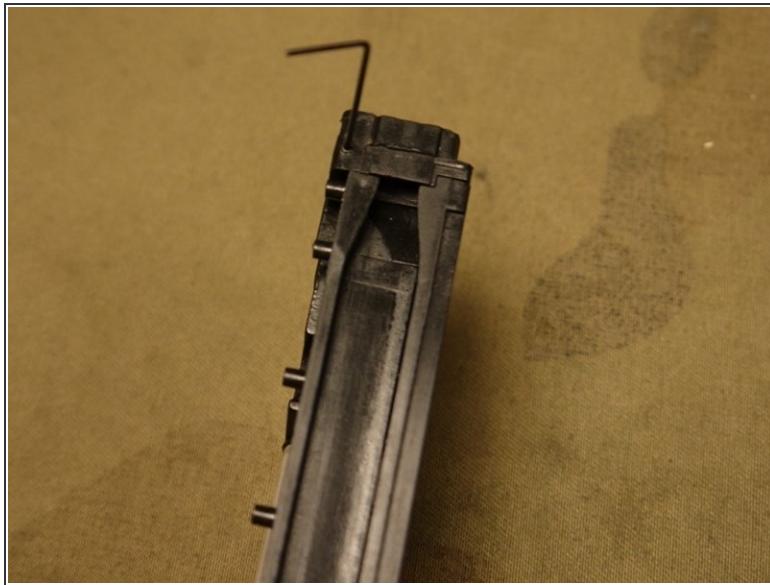
- Now you can put the small plastic piece that allows you keep the bb follower down back into position.
- Make sure the side of the piece that sticks up is set to the back.

Step 6



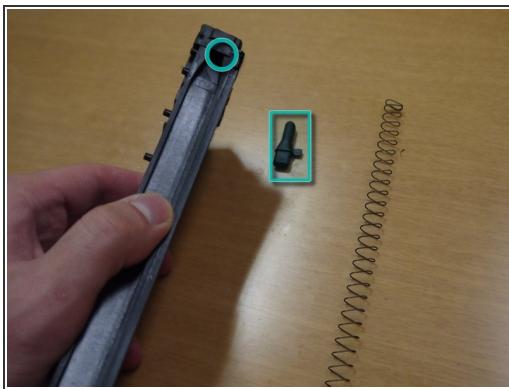
- Now add the plastic top section back onto the mag and add the pin to hold it in place.

Step 7



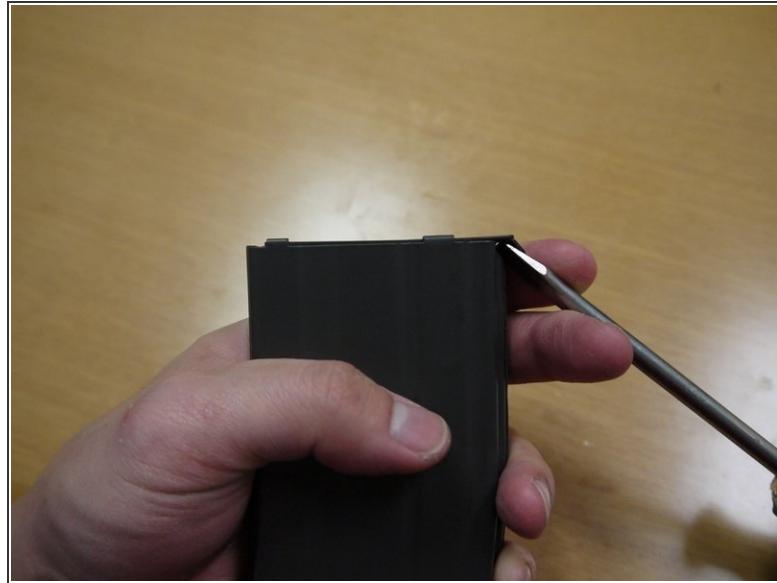
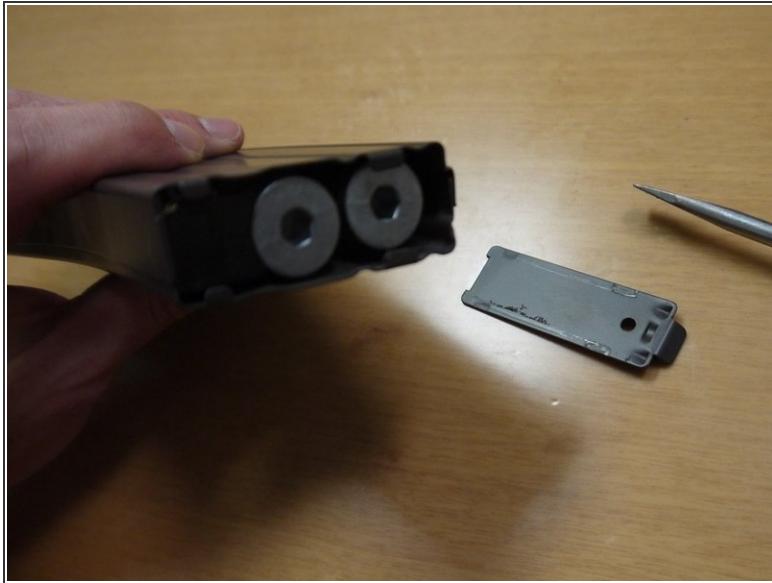
- For adding the bb retention spring hold it into position with the hook section going down word and take the tiny hex screw and drive it in.
- Make sure there is no cross threading.

Step 8



- Take the bb follower and set into the top of the bb track.
- Then take the spring and set it into position.
- With the core of the magazines all re-assembled, hold the spring in place then slide it back into the outer shell.
- Tap the flat section on the top to get the core into position.

Step 9



- Now slide the bottom cover back into position.
- This might take a slight amount of bending int get into place.

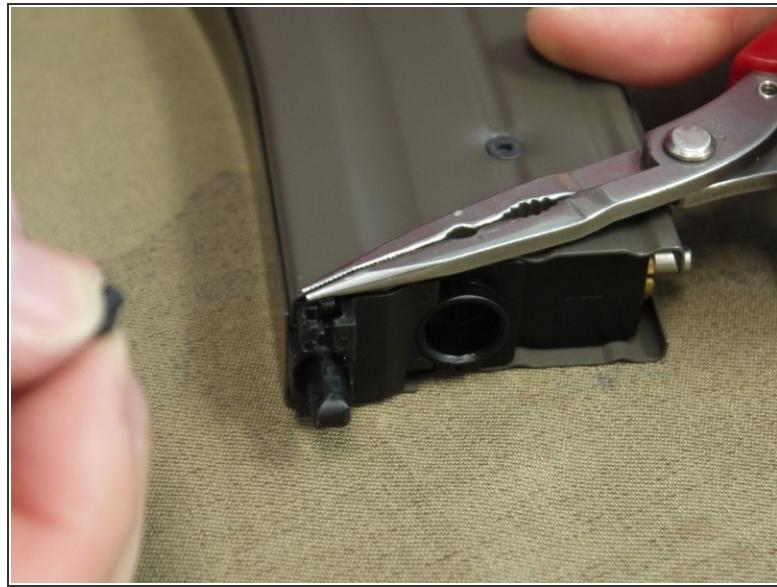
 Be careful the metal is very soft.

Step 10



- Now place the two 2mm hex side screws back into the position.

Step 11



- If you took the bb retention piece out earlier or it came out mistake when unloading bb's this step will show you how to put it back.
- Use a tool to hold back the spring. Once it's back grab the leg of the spring with needles nose pliers.
- Then take the retention piece and slide it back into place.

Step 12



- Now you can have a fully assembled and well functioning mag.