



Gas Blowback Airsoft Magazine Disassembly

This guide will show how to disassemble a GBB magazine.

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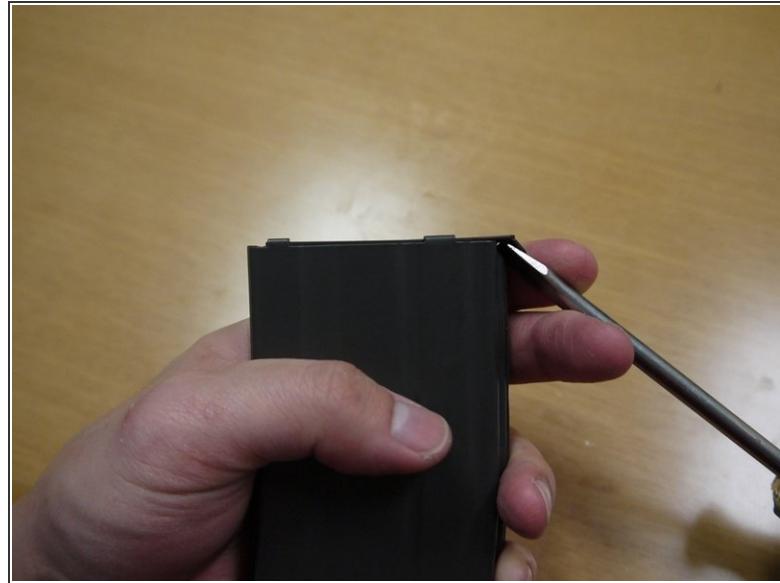
INTRODUCTION

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)
- [Thin Punch](#) (1)
- [64 Bit Driver Kit](#) (1)

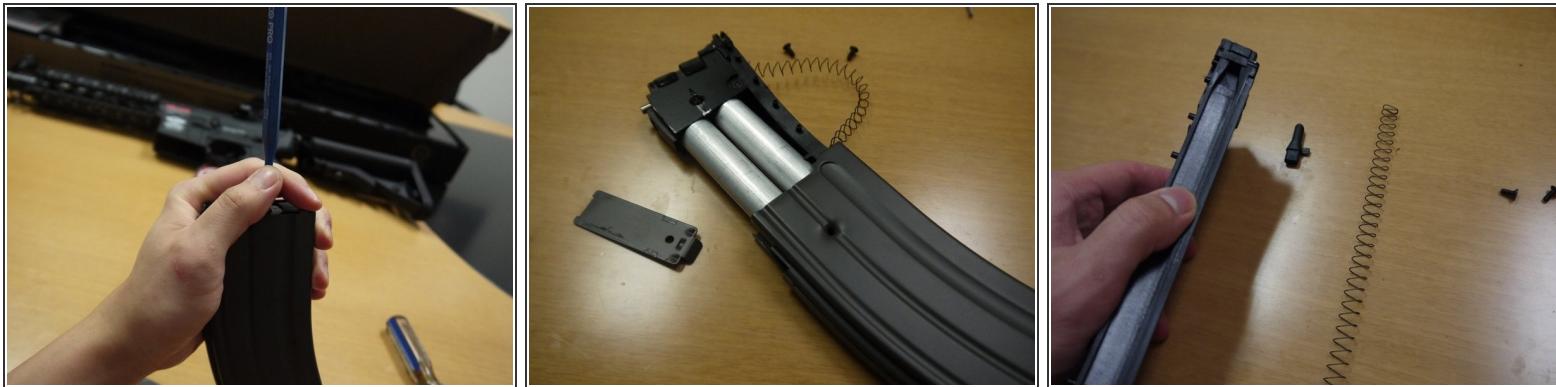
Step 1 — Gas Blowback Airsoft Magazine Disassembly



- If you need to access the bb track, the plastic upper section, retention spring or gas tubes begin the following steps. If you need to remove the valves skip ahead.
- Remove the two 2mm hex screws. There is one on either side of the magazine.
- Remove the bottom plate bending rear section of the plate slightly and then slide the plate off.

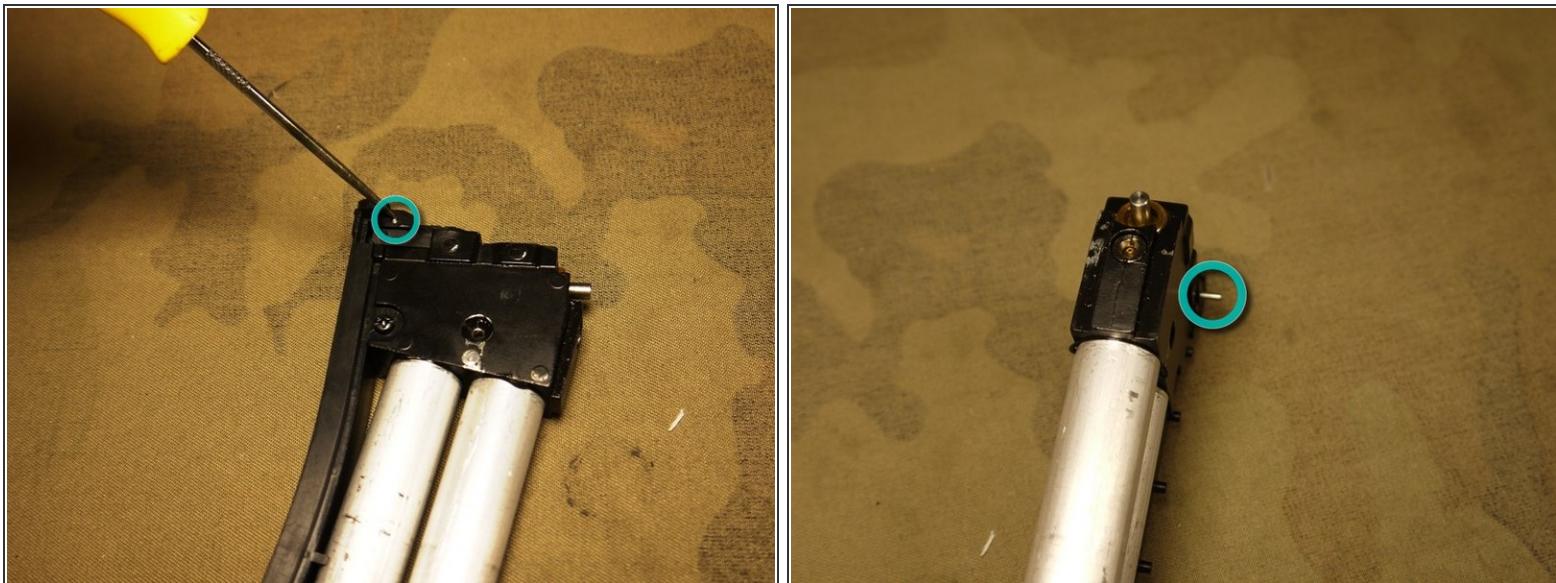
! Warning bottom plate is made of very soft metal, apply only minimal force.

Step 2



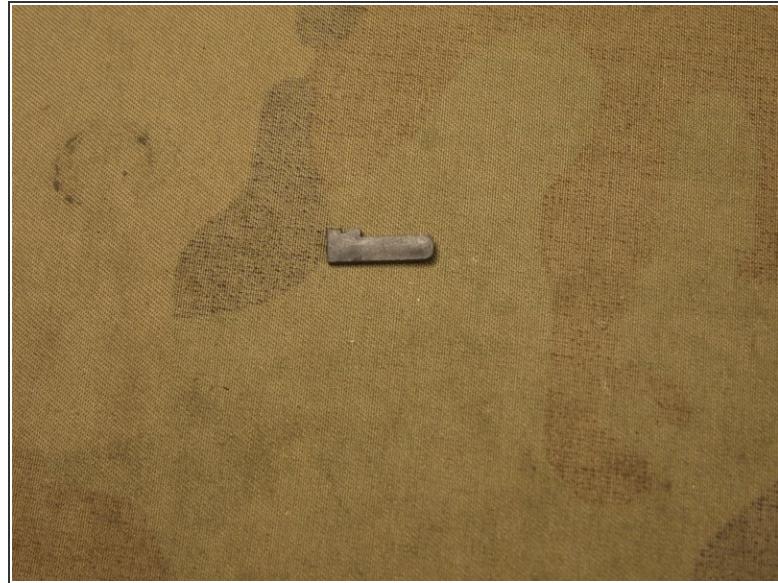
- Now with the magazine facing downward take a large punch or similar tool and begin hammering the core of the magazine out of the shell.
- When you are about half way done the bb follower and spring should be exposed. Beware the spring might shoot out.
- Either way continue hammering the inner section out until it is free of the outer shell.

Step 3



- To remove the top portion of the magazine push out the pin shown in either direction.
- Once the pin is removed the plastic top piece can come right off.

Step 4



- Right underneath the top section that you just removed is the plastic piece that can hold the follower back when you want it to. This piece can simply be grabbed and pulled out to help keep track of everything.

Step 5



- To take off the bb track remove the Philips screw shown.
- Careful not loose the nut on the other side of magazine.
- With the screw removed the bb track should come right out.

Step 6



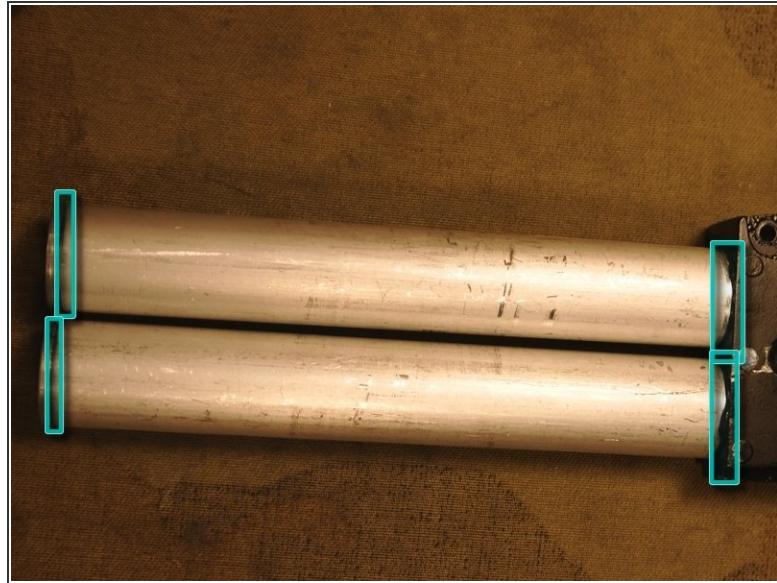
- If you wish to remove the valves you can do so without doing the earlier steps.
- We recommend using airsoft specific valve removal tools, but it can be done with other kinds of tools but can potentially more damaging to the magazine
- For removing the large output valves without the a special tool you can use pliers with thin ends.
- If you are about to take the output valve because it is sticking or has a leak, first try holding open the the valve and spraying some silicone oil down the top hole. This may fix the issue and save you time and effort.

Step 7



- The intake valve can also be removed similarly to the outtake valve.
- Once again a specialized tool is always best, but a flat-head can be used just be very gentle because the flat-head will make contact with the center nozzle piece in the valve.

Step 8



- The next step will remove tubing section and the caps.
- ▣ This should only be done if you are trying to fix non-valve related leaks and or replacing O-rings. Leaks from these magazines have been rare so far.
- The O-ring locations are in the locations shown.
- The bottom caps can be removed with a 6mm Hex wrench.
- If you start to try and turn the cap but instead the hole tube starts turning that fine just use the technique described in the next step to remove the cap from the tube.

Step 9



- With the caps removed you can now unscrew the gas storage tubes.
- Start looking down the tubes you will see that the tube is divided into three sections. You can take a set of medium sized needle nose pliers and stick them into two sections of the tube. Then using steady but firm force begin unscrewing them from the rest of the magazine core.
- If the tube came off when you went to remove the cap just use the pliers and the 6mm hex to remove cap.

Step 10



- For removing the BB retention spring there is a tiny 0.9mm hex screw found in the location shown. This serves as axle that the spring wraps around and can be simply unscrewed to be removed.
- For re-assemble go to the [Gas Blowback Airsoft Magazine Reassembly](#) guide

