CALIBURN ASSEMBLY INSTRUCTIONS



The Caliburn is a Mag-Fed Pump-Action Homemade Nerf Blaster design released as a Public Domain license file set by Captain Slug (http://www.captainslug.com).

You are welcome to and encouraged to modify the files in any way you want. The Majority of the parts can be printed with infill as low as 20% in PLA, but I would recommend printing in layers of 300 Micron or smaller.

The Following parts however ARE REQUIRED to be printed at 100% infill: Plunger, Sear, and Spreader

This Blaster is also offered in a version you can machine out of polycarbonate if you are interested in crafting one from scratch. The write-up and machining templates for that version are available at: http://captainslug.com/caliburn.html

Hardware kits and Full Blasters are available for sale as stock becomes available. I'm producing these myself in what remains of my free time, but the intent is to have at least 2 blasters and 2 hardware kits in stock every week. Custom orders or pre-paid blasters will involve a 1 to 2 week lead time, but that ensures that you won't have to compete for limited inventory. Otherwise just check my eBay store every Weekend for inventory being added.

https://www.etsy.com/shop/CaptainSlug



http://nerfhaven.com/forums/topic/27193-caliburn-mag-fed-pump-action-springer/ DO NOT STORE IN TEMPERATURES ABOVE 100F. Storing the blaster inside of a car in warmer months will cause the printed parts to distort or warp beyond their intended shape. If you have to store one in a vehicle,

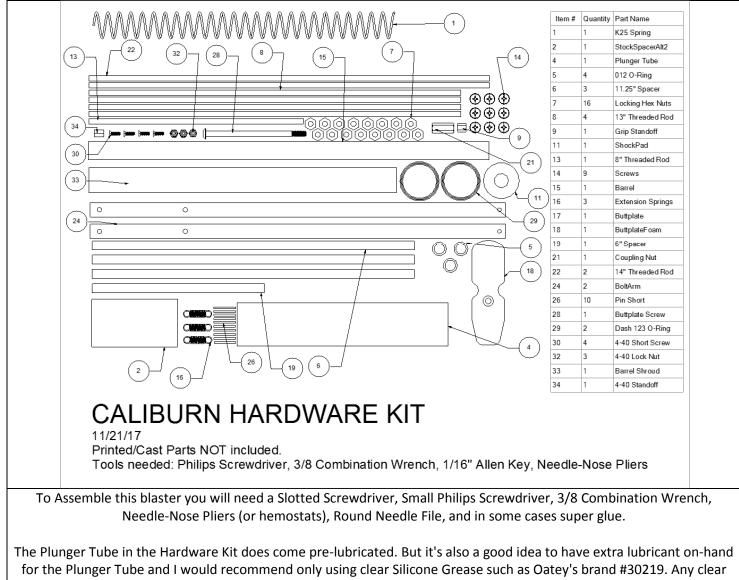
store it in the trunk.



DO NOT use this blaster for indoor wars or wars involving very short distances. The muzzle velocities this design can reach are between 150fps and 210fps depending upon the darts used and the spring installed. If indoor use is intended, obtain the lower fps springs that are currently available for this design (K31 and 788) and use them.

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DO NOT Insert or Remove a Magazine while the breech is closed. Many aftermarket magazines are a tight fit over the RAM portion of the breech and doing this will likely cause the end of the RAM piece to break off.



90% silicone grease will work fine so long as it does not include any additives. NEVER USE SILICONE LUBRICANT FROM AN AEROSOL CAN. The propellants used in those are harmful to plastic parts.

