

Thank you for purchasing this project.

These are strictly for training and airsoft purposes. I do not assume responsibility for your misuse.

Discord Found Here: <https://discord.gg/FcNPHcn7kz>

Please start by reading the manual labeled **READFIRSTmanual**. This includes the bill of materials, print settings, assembly, relevant assembly videos, and other important information. If you have an issue, make sure you have the most up to date files by redownloading from the cults website. A changelog will be kept up to date below and on the discord. The Experimental file is for rapid fixes for users. If a relevant update is made it will be listed in the change log and announced on the discord.

For those still using the V3 design I would encourage you to use the guide mod created by teddebeezy linked below. I am no longer working on V3 and would otherwise encourage you to move onto V4.

<https://cults3d.com/en/3d-model/various/guide-for-dishsoap-airsoft-grenade>

V4

This version has a plethora of improvements, labeled in the changelog below, as well as added compatibility with 8 shot caps and adult, super, thunder snaps. The included manual shows all relevant information please look there first. V4 and V3 are not cross compatible in terms of files. Most hardware has remained the same **except for the main bolt**. The assembly and function remain the same other than press fitting the bolt guide onto the main bolt. This is outlined in the manual.

Change Log

2/18/2025:

- Fixed the bom to show the correct set screw of 2.5x3mm for the timed fuse. The previously listed m2 set screw will still work but may need glue or fail prematurely.
- Added DS40F No Text body
- Added V4
- V4 Improvements Include:
 - Added Support for 8 shot caps and adult, super, thunder snaps
 - Smaller overall size
 - Built-in guide on the primer bodies for the main bolt to improve reliability
 - Fuse dimensions changed to work with a 40mm half thread bolt for smoother action and smaller profile
 - Changed the bolt guide to be press fit to work with the new bolt
 - The fuse now recesses into the bodies for improved strength
 - Spoon dimensions altered for improvements
 - Improved primer hole dimensions

2/19/2025:

- Fixed spelling on 8 cap and snap bodies
- Added long primer bodies DS38PL – PFL

5/28/2025:

- Added a new timer design that utilizes a custom PCB. This enables the use of a 2s lipo and regular charger for more power and easier use. The New design requires no wires, hot glue or crimping. Review V4 video or assembly video for more information
- Added a hole on the timed fuse beneath the motor shaft to allow for easier removal of the motor. Simply insert a metal rod to push the motor out of its slot.
- Enlarged the main bolt hole and bolt guide hole
- External changes on fuse bodies to improve printability and durability
- Increased the bolt guide height to further prevent slipping
- Added tool to help press fit the bolt guide
- Completely changed the spoon geometry. The spoon can now be printed with TPU or PLA with the same file. TPU is still recommended. A small groove has been added to the spoon to decrease sensitivity. Review the assembly video for more information
- Inverted the placement of the 8 caps for easier use
- Added 55 round body for snaps
- Increased the holes for the snaps for easier removal

- Revised Instructions and BOM
- Changed to a 45mm length spring or 8 coils. More detail can be found in the instructions
- Added V4 release video and new assembly video