Build Instructions - README.md

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IvanTheTroll Presents

The Menendez Mag + Mini-Menendez Mag

3D Printable G17 + G19 Magazine Bodies, Followers, Floorplates, and Locking Tabs

Version 1.1 Notes: Added "EZ" locking tab/baseplate to enable a 9mm round to take down the mag.

This project represents over 500 hours of time in CAD, over 250 hours of 3D printer running time, over 1000 rounds of ammo, all over the course of six months. The end result is worth it - 3D printable Glock mags that cost next to nothing to print, last several hundred rounds, can be printed on essentially any FDM/FFF printer, and require little to no post-processing. Below are instructions on printing and troubleshooting the Menendez Mag series.

What you'll need:

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 - PLA (Optionally Nylon [645 is tested good], PETG).  I recommend PL
- A printer capable of printing PLA (or the plastic you choose to use
  A guide on dialing in and making the most use of your Ender 3 is co
- An appropriate Glock mag spring - use factory-spec Glock mag spring
  These can be had cheap from Amazon, The Official Glock Store (NOT G
    - A tool to allow bending your own Mag springs is in development,
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Print Settings

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 - Orientations
    Note that the included STLs are scaled and oriented correctly!

    - Print mag body upright, no supports.
    - Print baseplate bottom down, no supports.
    - Print locking tab bottom down, no supports.
    - Print follower upside down, with the tallest flat portion to th

- Print Settings
        I recommend that you print in eSun PLA+, don't come crying wh

        - Nozzle Temp             - 230C
        - Bed Temp                - 60C
        - Brim                    - ON
        - Supports                - NONE
        - Layer Height            - 0.15mm
        - Shells (aka perimeters) - 4 inner/outer (this may not be ne
        - Bed prep                - Gluestick, optionally on top of K
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Troubleshooting

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        Mags may feed poorly at first.  This is because the mag lips
        Dry cycle (or live fire) a full mag through it if it has issu
        Printed mags will wear out.  Their rate of wear depends entir
        If you feed rounds into the mag in a manner that drags the ro
        Testing has netted a mag that is at 400 rounds and counting,
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Want to join the movement? Head over to keybase.io/team/det_disp.
