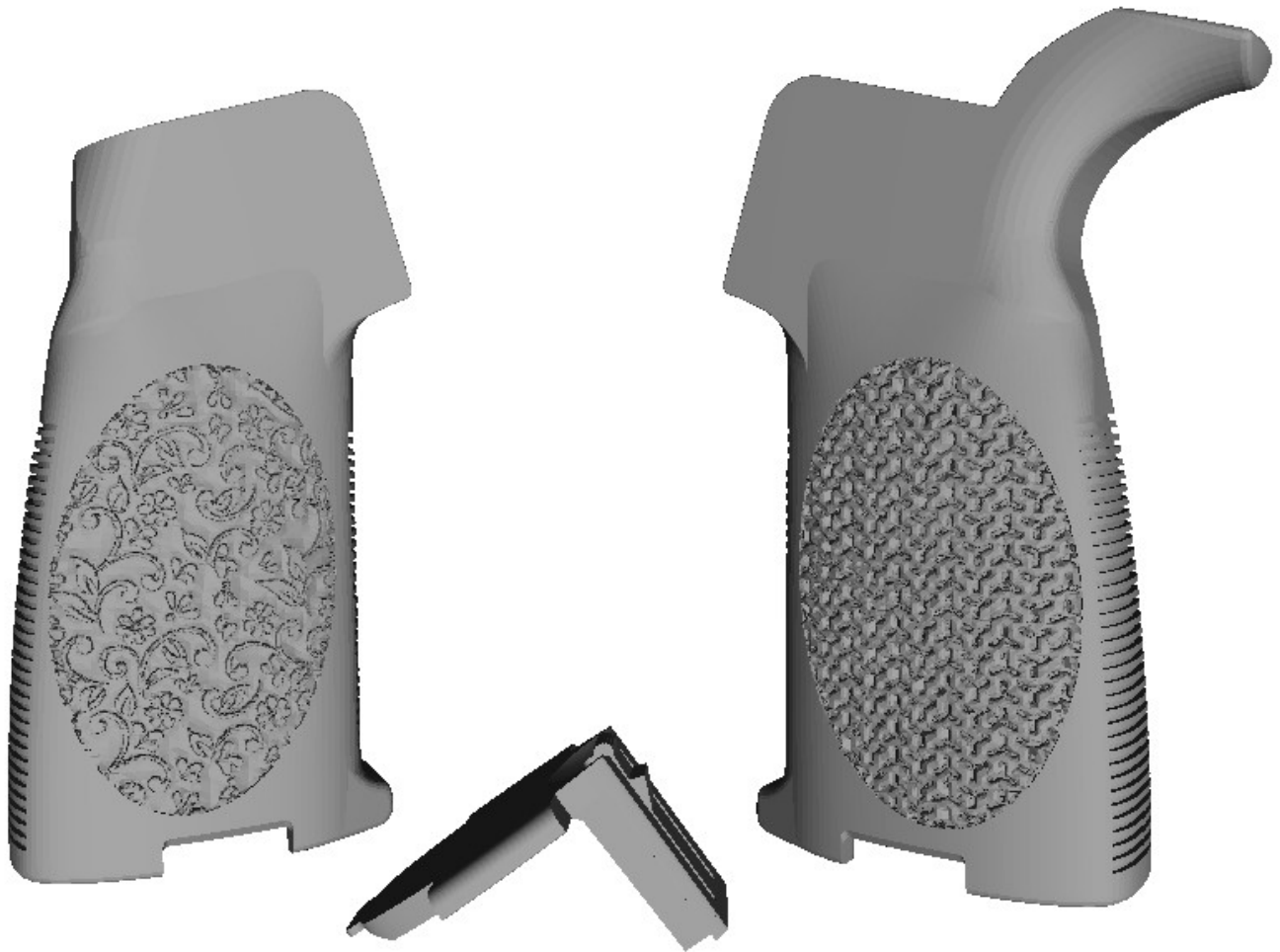


# **“MOE-esque” - AR15 style pistol grip**

## **Stipple Pack**

by Freeman1337

*(A pack of AR15 pistol grips with stippled textures (with and without beavertail))*



Released: 12/1/2021

Version: 1.0

# Description

This is a remix of the magpul-style MOE AR15 pistol grip that comes in the FGC-9 MK2 release. All original dev credit to that grip goes to it's original author(s).

Prior to stippling, I cleaned up the base model for the FGC9 MK2 grip, and additionally enhanced the ergonomics. Fitment of the safety detent spring and grip screw were slightly too tight, which was corrected in the base model prior to adding textures. Upon request from the community, I also included a version of this grip which removes the beavertail fully, which can be especially helpful for certain builds (such as Ivan's 3011) . There are 20 variations on this grip included, in 10 total textures (three newly developed by myself).

# Instructions

## Materials Required:

You will need a set of each below for each [x] you make:

x1 PLA+ filament of your choosing. Extensive testing done using esun PLA+ and Overture PLAPro

x1 Long handle m4 or M4.5 hex driver (depending on the head size of your grip screw)

### **If not replacing with an existing pistol grip from another firearm:**

-1/4-28 x 1" hex head bolt x1

-1/4" star lock washer x1

# Print Settings:

## Layer Height

Body	0.3mm
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## Shell

Wall Line Count	10
Outer Wall Wipe Dist	0.4
Top/Bottom Thickness	1.32mm
Top Layers	10

## Infill

Infill	100%
Pattern	Grid

## Material

Print Temp	217 C
Bed Temp	60 C

## Speed

Print Speed	50 mm/s
Infill Speed	60 mm/s
Outer Wall Speed	30 mm/s

Inner Wall Speed	60 mm/s
Top/Bottom Speed	40 mm/s

## **Travel**

Enable Retraction	True
Combing Mode	All

## **Cooling**

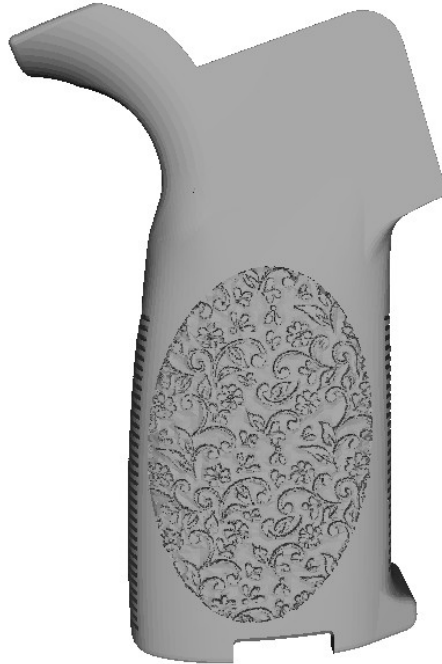
Enable Fan Cooling	True
Fan Speed	85%

## **Support**

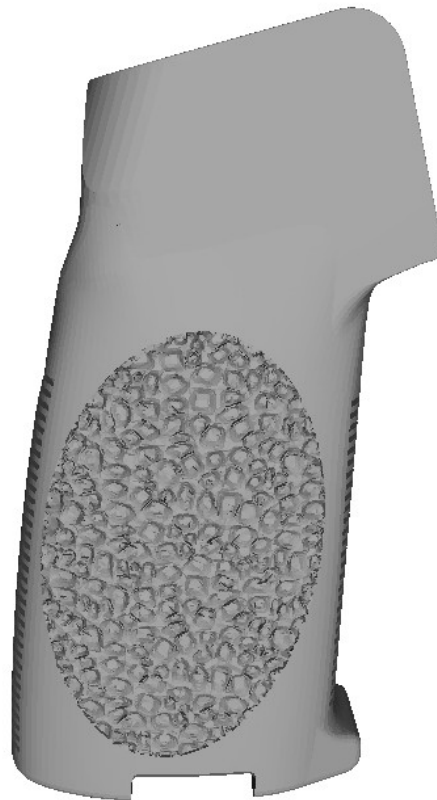
Generate Support	True
Support Structure	Tree
Support Placement	Touching Build Plate
Support Overhang Angle	Autogen (cura)

# Material List:

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**MOE-esque grip - w/Beavertail**



**MOE-esque grip - without Beavertail**



**MOE-esque grip - bottom cover (fits both models)**

# **Print Orientation**

All models provided in this release are already oriented into the correct printing orientation. If for some reason that orientation is not preserved, print vertically with the bottom of the foregrip flat on the print bed.



# Assembly/Installation

1. Print the model at the orientation set within the release STL files



2. Cleanup and remove all support material as required



3. Attach to rifle lower receiver as you would with any other ar15 style pistol grip



4. (optional) install pistol grip bottom cover

5. Finished!



# **Licensing**

GPL v3.1

Note: Resulting prints derived from this design or it's derivatives may not be sold for commercial purposes or significant financial gain/profit of any kind.

## Closing Thoughts

Happy New Year all! While I was resting up between holidays, I felt like putting this release together. I realized how few options we have for halfway decent full-sized ar15 pistol grips these days (that come with grip/stipple built into the model), and decided I'd put a basic model together that would accommodate most peoples needs. Most of the stipples included in this pack are also included in my foregrip stipple pack, so it's now possible to build rifles/pistols/whatever with matching pistol grips and foregrips!

Lots of cool shit coming this year, looking forward to bringing y'all some new frames and other stuff you may like.

Yours Truly,

Freeman1337