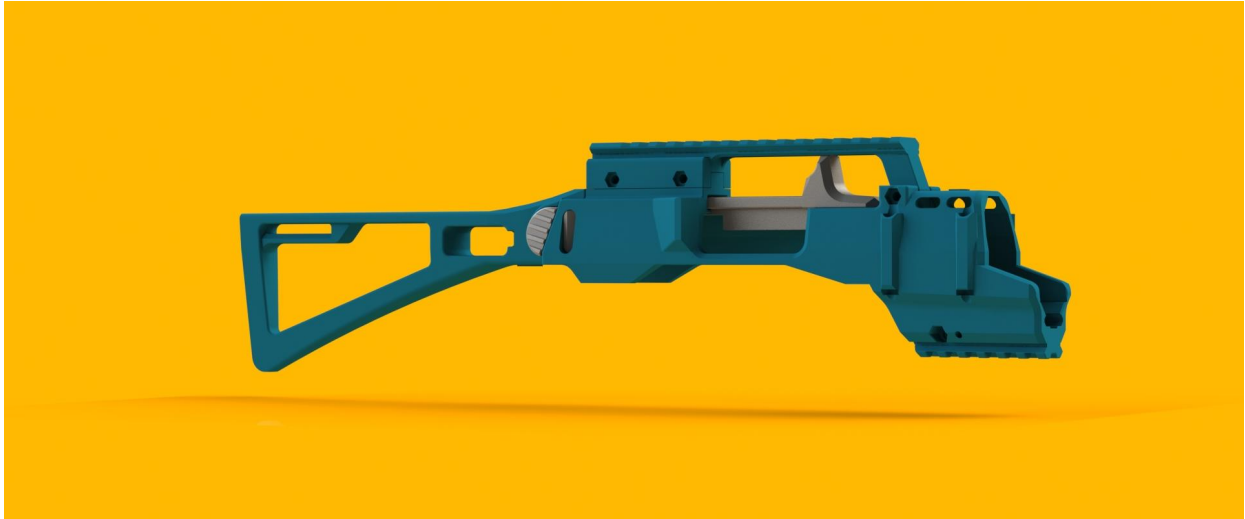


# Hot Pocket Universal Pistol Chassis - README

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You are responsible for your own safety and checking laws governing your area prior to manufacturing.

## Links:

- Defcad: <https://defcad.com/users/MiddletonMade3D/>
- Odyssey: <https://odysee.com/@MiddletonMade:1>
- Paypal: <https://www.paypal.com/paypalme/middletonmade3d>
- Buy Me a Coffee: <https://www.buymeacoffee.com/MiddletonMade>
- IG: [https://www.instagram.com/middleton\\_made/](https://www.instagram.com/middleton_made/)
- FB: <https://www.facebook.com/MiddletonMade>
- YT: <https://www.youtube.com/c/middletonmade3>

## Legal

The Hot Pocket is a universal pistol chassis. While the use of a brace (or folding brace) has no federal issues as of yet, your state may have other laws. While pistols aren't subject to a length of pull requirement (since there's no stock), many have inquired about it, and with the P320 and P99as I tested with here, LOP is roughly 12.5 and 12.75. The AOW limit is 13. While this isn't legal advice, I believe pistols do not have a length of pull unless converted to an SBR and used with a stock. Included is a folding brace.

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## Printing

For print orientation, please see the separate file named *"SuggestedPrintOrientation"*

### Filament Type - PLA+

For any parts that receive stress, do **not** use metallic, silk, glow in the dark, fluorescent, or any other special type of filament. Stick with regular, single color PLA+.

I've also had an excess of worn/broken parts with GST PLA+. While I don't have a wide range of experience with a variety of brands for testing, eSun has been reliably strong and consistent for me.

### Printing Instructions

Print Charging Handle/Body, Chassis Key, Brace Button, and Mount Key at .12mm. This isn't as important for the larger parts.

I typically use between 10-16 walls, 60-90% gyroid infill, and tree supports. Your printer and material may require different settings to get a strong and clean print.

The rear of the brace is angled. Make sure to align the back of the brace to the print plate. You may need to use a brim or raft if you've had issues with tall prints before to ensure the supports or print don't peel from the plate near the end.

## Assembly

To start, you'll need:

### Printed Parts:

- Hot Pocket Body
- Chassis Mount
- Chassis Key
- Optic Rail
- Charging Handle
- Charging Handle Body

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- Brace
  - Brace Button
  - Mount
  - Mount Key

### **Pre-manufactured Parts:**

- Various M4 Screws
- x7 M4 Nuts
- 1 AR15 Magazine Catch Spring

### **Tools**

- Alen Key (for M4 screws)
- Razorblade
- Snipping/cutting tool

### **Step-by-Step**

1. When prints are finished, ensure the button pocket in the brace is clean and the button moves smoothly. Also ensure the charging handle path is cleared of any support residue as this will directly impact your ability to charge the weapon.
2. Slide the handgun as far forward into the chassis as possible. Use the Chassis Key A or B to accommodate your particular rail length and positioning. Secure the key.
3. Insert the assembled charging handle body into the Hot Pocket body from the ejection port. Once it's inserted, seat and secure the optic rail.
4. Insert the spring into the button and secure the button into the brace by inserting the nut and screwing it in slightly, inserting the button, and then screwing it down fully.
5. Finish attaching the brace by using an m4 screw to fit through the hinge holes.
6. Lastly, attach the handgun and upper portion with the four screws and ensure the charging handle is in its forward most position. Make sure to test dry and ensure safe function of your weapon prior to using live ammo.
7. Congrats. You just made a Hot Pocket without a microwave. Fancy.