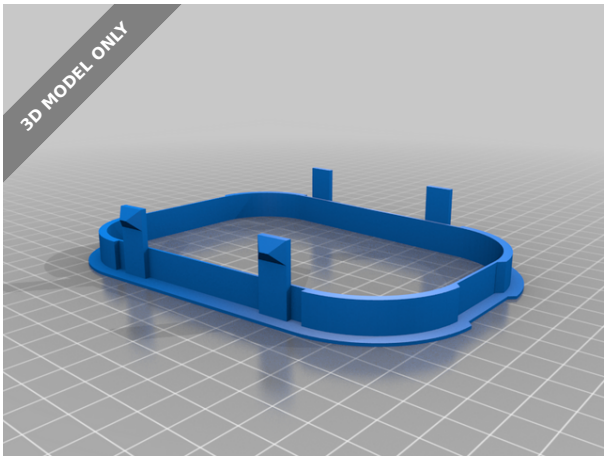

BMW e28/e24 Shifter Boot Frame

YerBoi

VIEW IN BROWSER

updated 17. 5. 2022 | published 17. 5. 2022

Summary

Needed a shift book bracket from my e28 and saw a couple of posts on eBay that were 3d printed and thought "wait I...

Hobby & Makers > Automotive

Tags: shifter bmw shiftbootretainer e24 bmwe24 e28

Needed a shift book bracket from my e28 and saw a couple of posts on eBay that were 3d printed and thought "wait I have a 3d printer, ill just design my own." So I took some measurements and pictures and came up with this design. Its far from perfect and is actually the first thing I've done in Fusion 360, so far in my car it holds well but I also have a short shifter and shorter shift fork so unlike most e28s and e24s i don't have to bash my shifter in to the shifter surround to shift in to reverse. If that's an issue you have, you don't need a shift boot bracket, you need to get your shifter linkage sorted.

I Printed it in PETG after prototyping with PLA, if you print with PLA don't even bother all of my protos quite literally melted, will update if my PETG print also melts.

I printed on an Ender 3 with a .2mm layer height and 50mm/s print speed and 20% cubic infill no supports should be needed if you need a tighter fit

you might be able to scale it up a couple of percents I designed it with a bit of tolerance for my leather shift boot but it may have been too much.

Will update as my testing progresses.

Print Settings

Printer Brand:

Creality

Printer:

Ender 3

Rafts:

No

Supports:

No

Resolution:

.2

Infill:

20

Filament: Overture PETG Black

Category: Automotive

Model files

bmw_e28e24_shifter_frame.stl

Find source .stl files on Thingiverse.com

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