



"You" Holder Car Step



GrandadRuinsStuff

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Summary

A step that you can hook onto the door latch ring for easier access to the roof of your car.

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I needed a way to step up for a few moments to reach into my car luggage pod, and recalled seeing an advert for something similar. I decided against the thin folding hook design in this case because I wanted a more stable platform that wasn't going to break too easily once I stepped on it, so it does position me a little higher up the side of my SUV when using it.

The step can be switched to work in either the driver or passenger side. Even so, I am always more cautious and position my foot closer to the B pillar rather than the edge of the step. I also designed the parts to connect together such that the step could not slip off the angled bracket when in use. They are likely to be a fairly tight fit, and that will minimise movement as well.

***** Please use with caution**

This print was intended to support my body weight, so use it at your own risk, and with your own personal judgement regarding your own personal

safety. Test it gradually to see if it will bear your weight before trusting it completely.

When printing, I use LOTS of infill for strength. Certainly nothing less than 35-40% if you want it to bear your weight, and more if you are of a more heavysset build. Also increase the number of shells as this will both strengthen the parts and make them less susceptible to cracking underfoot.

I have only printed this in PETG so far, so I would be interested to learn how others might have found this model when using other materials.

Note: I've updated the model slightly to make it a little more secure and take some of the pressure off the hook. This will match the door space of a 2017 Subaru forester, and should work for a number of other cars, however, you may need to modify the geometries slightly to meet your needs.

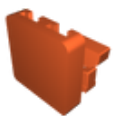
Model files



car-step.stl



car-step.3mf



car-step.obj



car-step.step

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