



## VW Amarok overhead sunglasses holder latch repair

 Ale Boeri

[VIEW IN BROWSER](#)

updated 9. 10. 2023 | published 9. 10. 2023

### Summary

Replacement part for the VW Amarok overhead sunglasses holder. This part avoids the need to replace the complete drawer.

[Hobby & Makers](#) > [Automotive](#)

Tags: [vw](#) [sunglassesholder](#) [amarok](#)

My Amarok's sunglasses holder didn't stay closed because the tiny piece that acts as a latch/lock was broken. This part is not available as a replacement on its own, and you are supposed to replace the complete drawer/holder. I've then decided to grab my calipers and model this part, as I'm not willing to send so much plastic to the trash for such a tiny part!

As it can be seen in the pictures the original part had the "hooks" broken. So I've decided to print the part vertically in order to maximize the strength of this "hooks" (layer orientation). This leads to a tricky print but I've been able to successfully print it with ABS using a large brim (10mm), organic supports, very slow speeds (15mm/s) and some layer cooling (30%). I've used my standard 0.4 nozzle and got away with it, but a smaller nozzle could be a better option considering the small dimensions of this part.

Here you can see the printed part before removing the brim and supports:

And here it's on action:

In my first attempt I used PETG but It didn't stand the summer heats. I've printed a second part with ABS (the one showed in the videos and pictures) and since then I didn't have any issues.

From what I understand there are several VW vehicles that share this same sunglasses holder/drawer model, so it may be worth to give it a go if you are in doubt. I'm also sharing the CAD file to be used as a starting point in case there are some small differences with your particular model.

I've modeled this part with OnShape and the original file can be found here: <https://cad.onshape.com/documents/2381d615c6a8675494662685/w/43e927cd8dd76ca72e3c55fa/e/012f880f961e7ce24782e4b2?renderMode=0&uiState=65240d4658713355db5e70d9>

## Model files



**sunglassesholderlatch.step**



**sunglassesholderlatch.stl**

## License ©

This work is licensed under a  
**Creative Commons (4.0 International License)**



**Attribution-NonCommercial**

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works

✖ | Meets Open Definition