



1200GS Oil Filler Cap Tool



Jahn Roux

[VIEW IN BROWSER](#)

updated 17. 10. 2023 | published 17. 10. 2023

Summary

Special oil filler cap tool needed to top up oil on the 1200 boxer engine of BMW motorcycles.

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

Tags: [motorcycle](#) [bmw](#) [1200gs](#) [1250gs](#)

The boxer engine in the BMW R1200GS (and other models with the 1200 boxer motor, 1250 and maybe even the 1150) requires a special tool to open. I decided to draw this up and share it for others that may be missing the special tool (usually found under the passenger seat). The geometry of my model is not 100% and I may spend time improving it at some stage but the geometry is pretty complex. It works in it's current state, works really well.

The model takes a number 6 metric hex wrench in the top or a screwdriver (<5mm diameter) through the side for leverage.

I printed it in PLA at 100 infill, at 20% infill I managed to snap it if I torqued it too hard.

I hope this saves someone! I really hate proprietary tools/fixtures. I hope this does not get DMCA - previously on another 3D file sharing site when I just mentioned the word "BMW" I got hit with a DMCA take down and had to remove all references to the German car and motorcycle manufacturer

even if I was not infringing on copyright, I was merely describing what motorcycles I had designed a phone holder for.

Model files



bmw-gs-1200-oil-cap-tool.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