



Sovol SV01 Cooling Fan Duct for BMG extruder and E3D V6 Hotend



N8finch

[VIEW IN BROWSER](#)

updated 3. 6. 2022 | published 22. 5. 2022

Summary

This is a remix of two models, a parts cooling fan duct that works w original fan, BMG extruder & E3D V6 hotend.

[3D Printers](#) > [3D Printers - Upgrades](#)

Tags: [bmg](#) [bmgextruder](#) [bondtechbmg](#) [bondtechbmgextruder](#)
[coolingfan](#) [e3dhotend](#) [e3dv6](#) [sovol](#) [sovolsv01](#) [sv01](#)

This is a remix of two models to put together a part cooling fan duct that works with Bondtech BMG extruder and an E3D V6 hotend. It works with the stock hotend fan clip and the E3d V6 hotend fan clip and has dual ducts. Also it mounds on both sides of the hotend and you don't need the **metal shroud** that doesn't fit with a BMG extruder. And it will be easier to clean major clogs.

will probably need to be printed with supports touching the buildplate. PLA or PLA+ would get you by if only printing with PLA but PETG would be a better choice. Black pics are PLA and the Grey pics are PETG. All printed on an Ender 3.

It's a work in progress that was designed in Stinkercad.

Model files



sovolsv01_bmge3dstockfanfix.stl



bottom_sovolsv01_bmge3dstockfanfix.stl



jig_sovolsv01_bmge3dstockfanfix.stl



top_4020_stock_fan_sv01.stl

License ©



This work is licensed under a
[Creative Commons \(4.0 International License\)](https://creativecommons.org/licenses/by-nc-sa/4.0/)

Attribution—Noncommercial—Share Alike

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