



E3D Tool Changer Hemera Direct Extruder Part Cooling Fan Mod



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VIEW IN BROWSER

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Summary

Required if your part cooling fan (PCF) is not working on E3D Tool Changer Hemera Direct Extruder

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Tags: [e3d](#) [toolchanger](#) [e3dtoolchanger](#) [hemera](#) [e3dhemera](#)
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The default part cooling fan for Hemera Direct Extruder is directly set up against the Extruder Motor. This causes Electro Magnetic Interference (EMI) with the Part Cooling Fan (PCF), and the PCF doesn't function properly.

The problem is demonstrated here: <https://youtube.com/shorts/ScPs9Ft-meA>

With this mod, you can lift your PCF to eliminate EMI issues, and the PCF can run at full throttle. Check the photos to understand better how the build will look after assembly.

I have tested this with my E3D Tool Changer, and it works great!

You can read more about my setup here: <https://shivdeepak.com/setting-up-e3d-tool-changer>

Print Settings

Material: Preferably ABS or PETG. PLA will also work.

Other Settings: Your Printer Defaults Should Work

After Assembly Video: <https://youtu.be/mt0P6hmThJI>

This remix is based on

V6
Hemera **V6 Hemera Tool - E3D Toolchanger**
Tool - by E3D
E3D
Toolchanger

Model files

hemera_pcf_lifter_duct.stl

hemera_pcf_bracket_lifted.stl

hemera_top_reciever_with_pcf_mounting_holes.stl

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