



## Stealthburner / LGX Lite / EBB 2209 & 2240 - Remix

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## Summary

Various fixes to make this model assemble

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The original models of the EBB boards seem to be inaccurate to the as-delivered boards. This results in an incorrect assembly and bad parts. I've tweaked the EBB models based on measurements and sample prints so that it assembles without any apparent issues.

Note that you will need to trim the pins on the back of the daughter board down to 1mm. The boards come with some of the pins trimmed and some left long. Check the fit with the carrier plate.

### Fixes & Alterations

- Probably 15 rounds of print and fit to get the boards to fit inside all of the parts.
- Fixed self tapping screw locations to be 2.8mm
- Rebuilt the board mounting adapter that connects the main EBB board to the LGX Lite
- Fixed locations with FHCS screws not having an ISO standard geometry and being proud of the surface.
- Created a carrier plate to mount the daughter board onto for secure mounting

Fixed the geometry of the bowden tube hole so it actually works as originally designed by Bondtech.

- Cut a hole all the way through to the LGX Lite so its a single piece of PTFE tube from the hot end to there and no printed parts guiding the filament.
- Removed a filet the cable cover that was colliding with the EBB board.
- The cable cover now comes in 3 variants: No Fan, 30mm Fan and 40mm Fan.
- Removed the nozzle cam geometry and merged the ugly outline parts back together so it looks like original stealth burner.

## Print/Build Notes

The screws that attach EBB board to the adapter on the LGX Lite need to be **5mm long**. Its not a common size, 4mm will work in a pinch. Longer will push the board out or strip the hole.

Photos show how to attach the EBB 0000 board to the carrier late. The plate holds the fan in too.

The little leaver cap thing is touch to get a good print of. Laying flat results in a loose print. Vertical runs the risk of the layers splitting. My best results are with PC filament and the vertical orientation with the hole facing down and a brim (as is set up in the 3MF).

## Resources

CAD Link with a full working assembly: <https://cad.onshape.com/documents/106aa1773b40f1e1a29c0668/w/0ba9143aa216d4395aec8a0f/e/1689c175c7d59b83f1e95de3>

Sources (as best as I can work out from the original work by @Pierre\_1862):

- [EBB board CAD](#)
- [Voron Stealthburner](#)
- [LGX\\_Lite\\_Stealthburner\\_CW2\\_style\\_mount](#)

## This remix is based on

3DO  
nozzle  
cam &  
LGX lite  
Voron  
& BTT  
2.4 -  
SB2209  
Stealthburner  
&  
with  
umbilical  
3DO lite  
mod  
nozzle  
cam &  
LGX lite  
& BTT  
SB2209  
&  
umbilical  
mod

## Voron 2.4 - Stealthburner with 3DO nozzle cam & LGX lite & BTT SB2209 & umbilical mod

### Model files

lgx\_lite\_ebb\_22xx\_mod.3mf  
lgx\_lite\_ebb\_22xx\_mod



lgx\_lite\_ebb\_22xx\_mod\_all\_parts.step

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