Beacon probe mount for Voron tap stealthburner

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VIEW IN BROWSER

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Summary

bracket for mounting beacon probe to voron tap carrage

3D Printers > 3D Printers - Upgrades

Tags: probe   tap   voron   beacon   stealthburner

UPDATE 25/3/2023

thickened bracket as noticed it heat creeps over time. this reduces the amount tap can move but should still trigger.

print standing on its end.

Uses

4x m3 heatsets

2x m3x10

Attach probe to bracket with included small screws

Attach the bracket to tap carriage with 2 m3x10 screws in the bottom by replacing the existing 2x m3x6 screws from tap

probe y offset = 65

probe x offset = 0

note may have to add something to physical end stops if beacon interferes with homing hitting on rear motor. hall effect end stops work without adjustment

Used tap cad files and beacon cad file to help with design found here

Tap

https://github.com/VoronDesign/Voron-Tap

Beacon

https://github.com/beacon3d/docs/blob/master/mcad/beacon/Beacon_RevD_Assm_Normal.STEP

Model files

tap-becon-v4.step

tap-becon-v4-stl.stl

tap-becon-v6.step

tap-becon-v6.stl

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