



## Gas struts Mount/ Stabilizer



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### Summary

Mod to get a more stable and safe connection with the Gas struts

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Tags: [lid](#) [mod](#) [modification](#) [mount](#) [ratrig](#) [stable](#) [vcore](#)  
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After 3 weeks in the original RatRig config 1 of my struts ripped.  
So i order new ones and print the Lid Mod from

#### **ZEBaker98 ( V-Core 3 Bistable Enclosure Lift )**

Than i saw that the mountings are get bending to hell because the Lid is way to heavy for the mini mountings they normally hold a door^^

But the Mod was really cool because of the wider opening of the lid and it hold perfect.

So i decided to make the good system even more good and much stronger so spend some time in Fusion and after some testing there is the final result.

#### **Hardware you need:**

- 8x M6x10mm cap hat screw (Includes the 4 screws for the arms)
- 8x M6 Heat inserts (Includes the 4 inserts for the arms)

- 4x 3030 M6 Drop in nuts
- 4x M6x30 Flat hat Screws (Head width max 13mm and height 2-3mm)
- 4x M6 Nyloc nut (recommend)

### Print settings:

- 0.2mm Layer high
- 25% Infill (or more if you want to be extra safe)
- ABS, ASA, PC-CF or PA-CF (recommend PC or PA)

The Remix Arm for the Original Mod: **Bistable Arm remix**

**Notice:** These mod works only with gas struts if the have an M6 Thread. The original RatRig provided ones works you can take of the original heads.

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→ For those who want support the time i spend you can buy me a **coffee**.

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(\*works not for Outlet)

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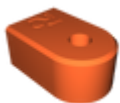
→ Instagram: <https://www.instagram.com/rawartistofficial>

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## Model files



**gasstrut-base.stl**



**gasstrut-connector.stl**



all-print.3mf

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