seatpost mount bike storage tool box

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VIEW IN BROWSER

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Summary

seatpost mount (aero) bike storage box for tools,repair kits. GoPRO style mount(M5 hex socket bolt)

Sports & Outdoor > Outdoor Sports

Tags: box storagebox toolbox bike toolstorage gopromount

Self remix update 2025/04/24

https://www.printables.com/model/1274183-seatpost-mount-bike-storage-tool-box-easy-edit

Here is Version 3.

Designed for my bike,Specialized Venge.

Gopro style mount,available to use almost all Aero road bike,if you design mount for your bike.

V2:Bolt cover lost while riding.
Lid and cover became one piece.

V2.1:Main body shell thickness 1.2mm →1.6mm

Main body bottom angle changed for stable print,

and for reduces the possibility of layer separation during use.

Lid ,No-support,but need to cut off the hole support.

Recommend one wall-loop for better bridge.

Printer:CR-10V3,Voron2.4 0.4mm nozzle

Main body:eSUN ePA-CF 0.2mm ,good layer adhesion,get soft after absorb moisture is good.

Lid:Test print with Polymaker ASA / Now working with Qidi PA12-CF.

Gopro mount:I printed with Qidi PA12-CF ,it is lightweight and durable.

M3x8~10mm hex socket bolt & nut for Lid latch

seatpost gopro mount:1x M5x8~10mm,1x M5x18~20mm hex socket bolt ,M5 nut

Add .f3d file of de rosa sk seatpost gopro mount.(for my friend)

It's not perfect, but works.

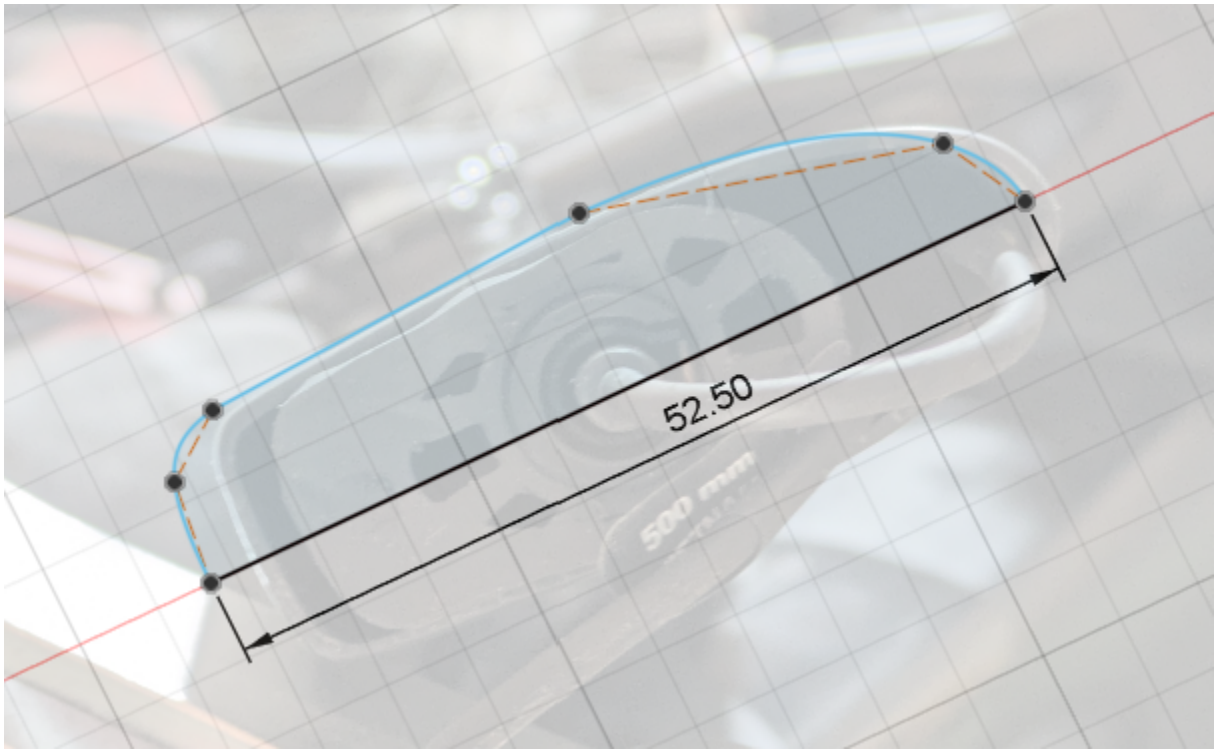
1x spare tube,1.5~5mm Hex keys,CO2 inflator,chain tools,and more.

2025/01/06:Added gopro mount clamp for round seat posts.(Just CADed,not test and printed)

How to make aero-bike seat post gopro mount.

I took a picture of the seat post with calipers from bottom.

From this photo, the front/rear length of this seat post can be read as 52mm.



I imported this photo into FUSION as a canvas.
I drew a spline along the contour to create a sketch for the extrusion.

- venge
- derosa_SK
- Trek Domane Gen 4
- Allez Sprint
- Tarmac SL8
- DARE TSRF
- cervelo_S5
- roubaix SL8

Model files

seatpost gopro mount 16 files

venge-seatpost-gopro-mount.stl

cable-tie_gopro-mount.f3d

cable-tie_gopro-mount.stl

post_mount_derosa_sk_v1_insert.f3d

post_mount_venge_v2.f3d

gopro_mount_272.stl

gopro_mount_309.stl

gopro_mount_318.stl

gopro_mount_272.f3d

post_clamp_trek-domane-gen-4_not-tested.stl

allez-sprint_not-tested.stl

sl8_not-tested.stl

post_clamp_sl8_not-tested.f3d

post_clamp_dare-tsrf_from-andreasnoer_not-tested.stl

cervelo_s5.step

roubaix-sl8.step

body_v21_t16.stl

lid_v21.stl

latch_a.stl

latch_b.stl

bike-storage.f3d

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