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VOW Elevons System



Attaching Blocks to Mounts:

1. Use M5 x 30mm Flangehead bolts and track spacers.
2. Place the block in the desired position on the Bolt tracks.

3. Tighten the bolts “fingertight” with a manual screwdriver to prevent damage.

Mounts Overview

The VOW Elevons system has multiple mounts



Bolt Tracks

Bolt tracks intend to be a minimalist mount design, prioritising adjustability and appearance.



Crossbars

Crossbars intend to be an extension to the Bolt tracks, allowing for a minimal, adjustable and highly robust design.



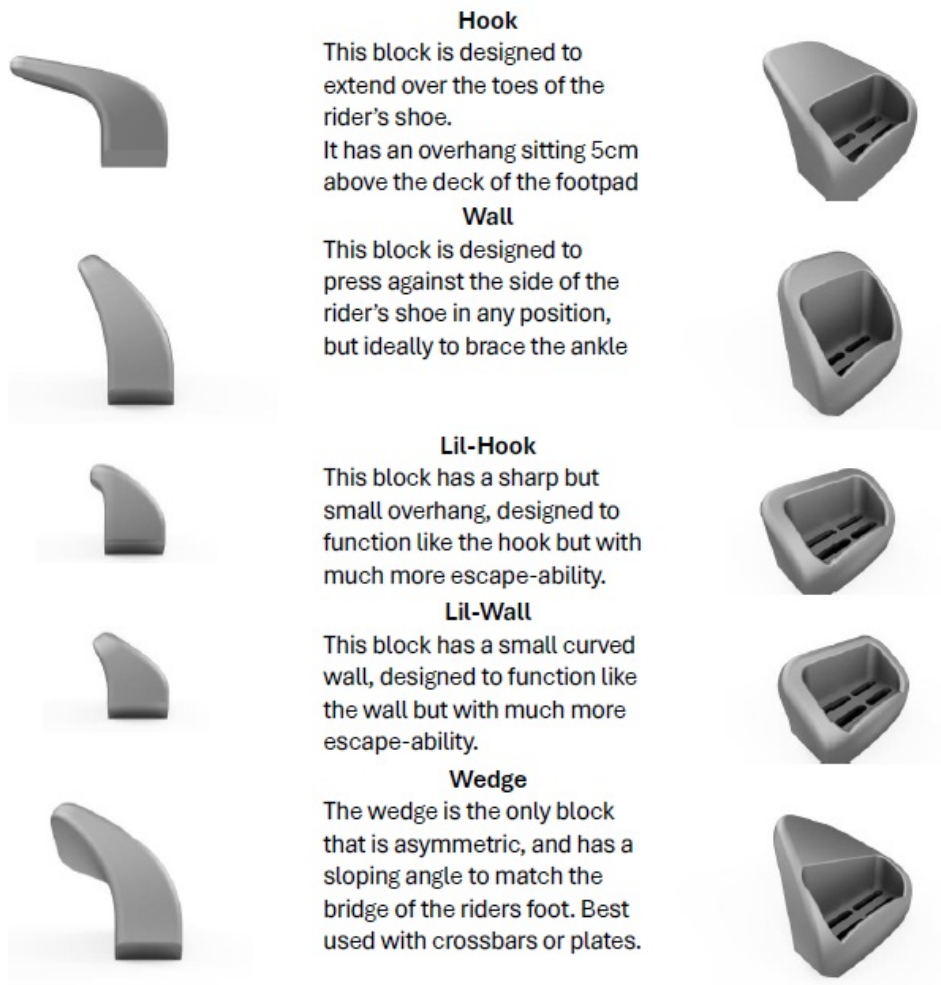
Plates

Plates are the least adjustable design, with set positions for block threads. Yet they are much more affordable due to simplicity.

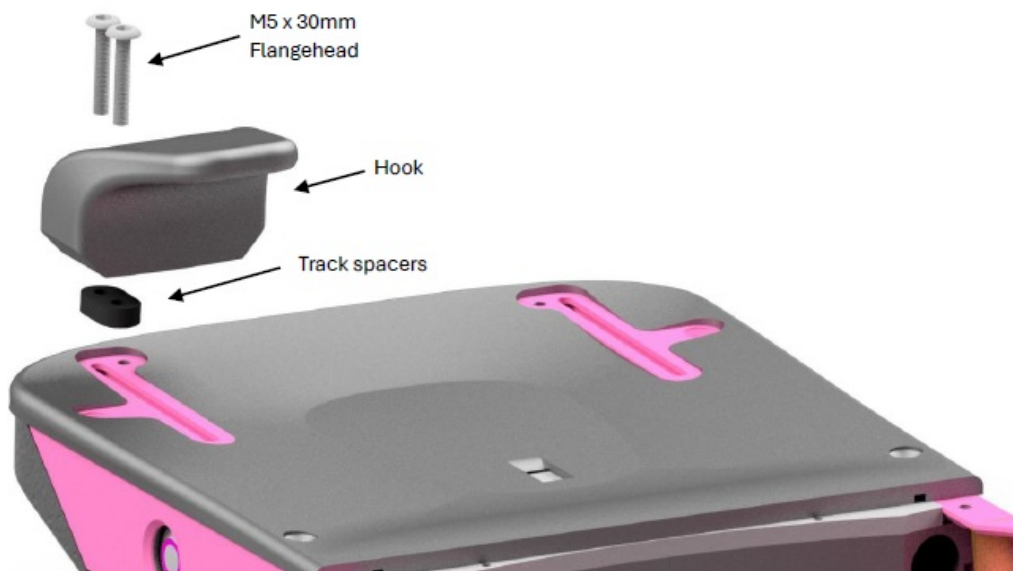


Blocks Overview

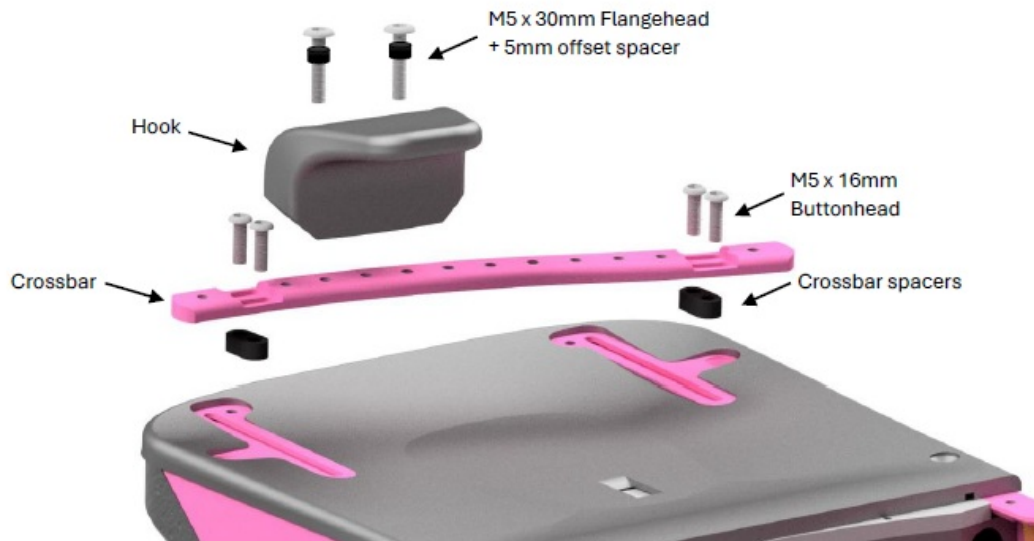
The VOW Elevons system has numerous blocks



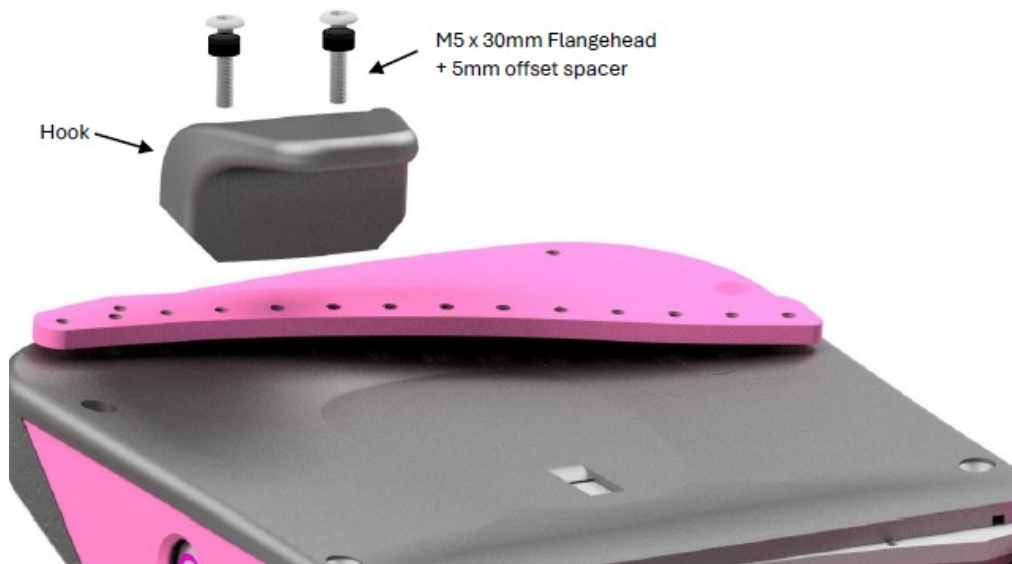
Attaching Blocks to Mounts



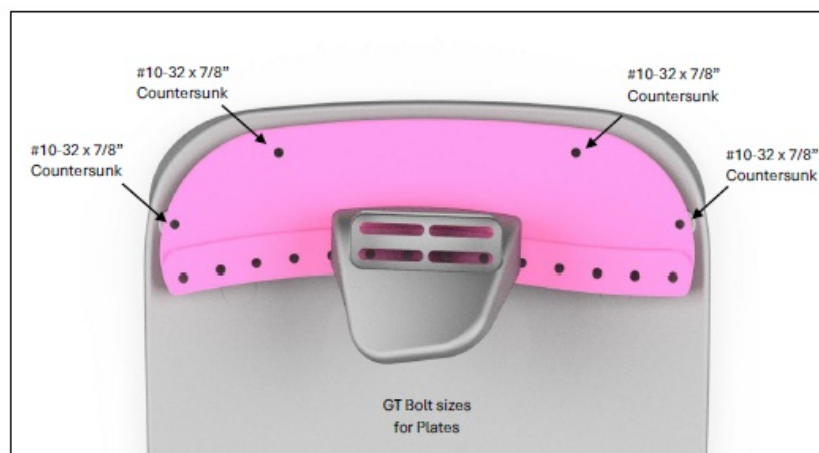
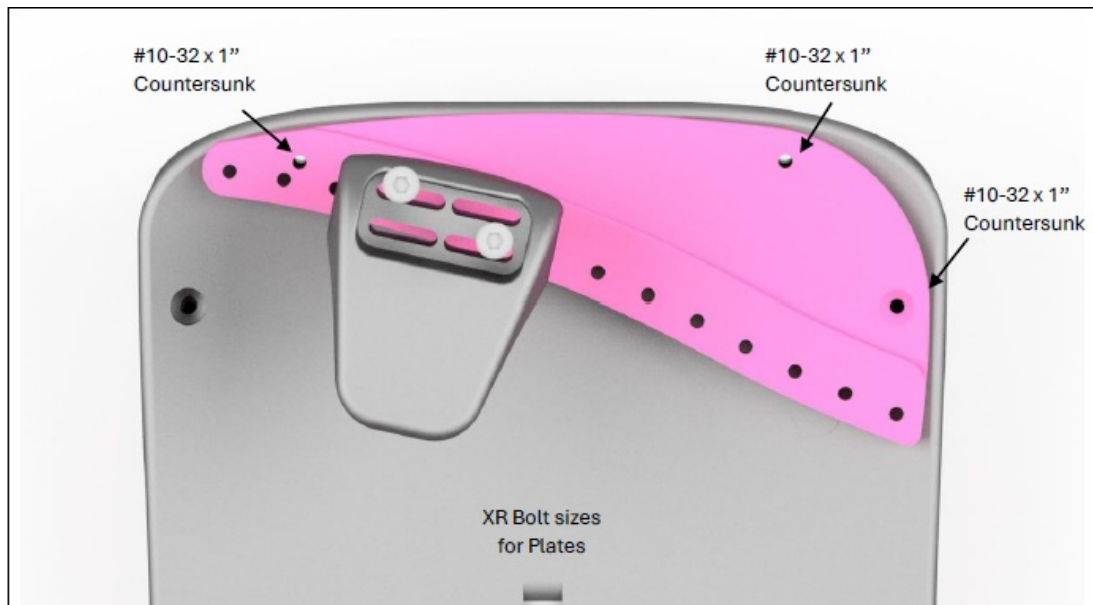
The blocks can be mounted to the bolt tracks individually using the appropriate bolts and spacers. Simply place the block in the appropriate position and tighten the bolts 'fingertight' with a manual screwdriver, not using much leverage. The blocks shouldn't be able to move if the system is correctly tightened. Overtightening can damage the elevon blocks / bolt tracks



The Crossbar mounts to the Nyloc nuts inside the bolt tracks using the appropriate spacers and 16mm buttonhead M5 bolts. Blocks can then be bolted to the Crossbar using 30mm flange head M5 bolts with 5mm spacers



The plate mounts to the footpad through the bumper and rail corner bolts on both the XR and GT frame (XR Pictured). The bolts used to mount the plate are simply extended over the stock size by approximately 8/10mm depending on the frame and plate type. Blocks mounts in the same way as the crossbar, using 30mm M5 flangeheads with 5mm spacers.



FAQ


Can I use different sized bolts for mounting blocks?

It is recommended to use the specified bolt sizes mentioned in the manual to prevent damage to the elevon blocks or bolt tracks.

How do I know if the system is correctly tightened?




The blocks shouldn't be able to move if the system is correctly tightened. Avoid overtightening to prevent damage.

Documents / Resources

	VOW Elevons System [pdf] User Guide Elevons System, Elevons, System
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References

- [User Manual](#)

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