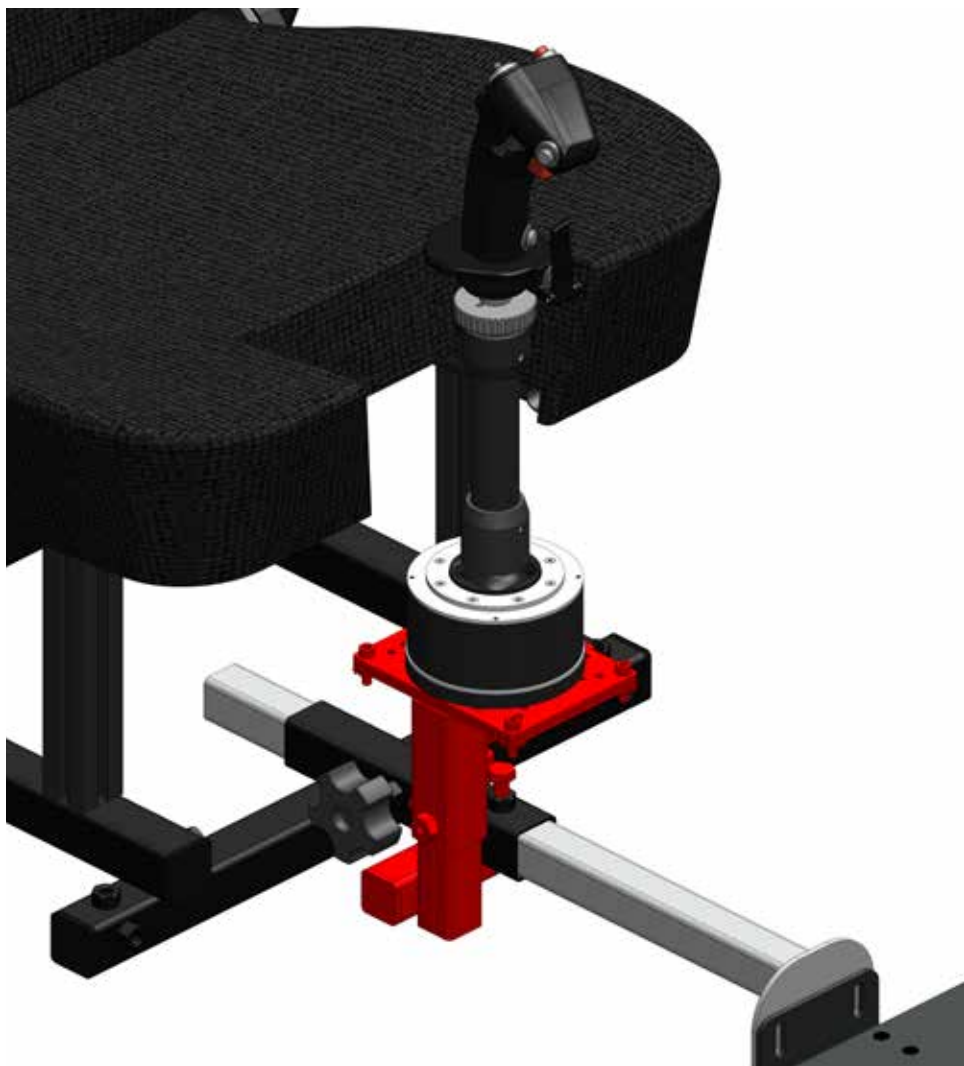


Flight Simulation Add-on Kit
Configuration #6
Centered Flight Stick Lower Mount Bracket
Assembly Manual
And
Add-on Accessories



Assembly instruction manuals available at:

V5.2 061226

<http://bit.ly/ow-manuals>

by **SimFab**[®]

WARNINGS:



Proceed with caution and extra attention when warning signs are present during installation instructions manual.



WARNING

Choking hazard, small parts. Not for children under 5 years old.



WARNING

Keep hands and fingers clear of pinching points, and hinging metal parts.



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If your item is damaged, defective or missing parts, please contact us first directly at Email: info@SimFab.com or Toll Free: **1-888-299-2746**

As the manufacturer, our knowledge of your new product ensures that we will be able to assist you promptly and accurately.

For invoices and other price information, please refer to your market place account for more details. Alternatively, you can always email us at info@SimFab.com

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Explore the Ultimate in Simulation with SimFab: Where Innovation Meets Immersion

At SimFab, we're redefining the world of simulation with our cutting-edge Modular Racing and Flight Sim Concepts and Designs.

Dive into an unparalleled realm of fidelity, realism, and immersion with our bespoke cockpits, meticulously crafted to mirror the intricate layouts of real aircraft and race cars.

We prioritize your comfort, offering modular, fully compatible setups that adapt seamlessly to all major brands and control makers. Starting with affordable yet uncompromised quality base models, our products cater to both novice pilots eager to explore flight simulation and seasoned racers seeking upgradeable, interchangeable designs for a tailored experience.

Join us on a journey where every detail is designed with precision, ensuring a simulation experience that's as thrilling as it is authentic.



Introduction

Centered stick lower mount bracket is dedicated but not limited to the following brands flight sticks with removable grip and ability to add grip extension: Thrustmaster Warthog, VirPil, VKB, WinWing, Moza

⚠️ Bracket kit is not compatible with FFB stick bases such as Moza AB9 and VPforce Rhino. Search FFB retrofit kit, configuration #15 in our catalog for compatible bracket kit.

- Bracket allows height adjustment as low as 5.5" from floor to base plate with bracket mounted beneath main support tube. With added extension tube (not grip extension), as high as 16.5" from floor to base plate, with bracket mounted over main support tube. Total of 11" height adjustment. Purpose of adjustable flight stick base is allowing precise vertical alignment of stick grip in accordance to seat height and grip extension (if such is installed to the stick).
- Plates are pre-drilled to accommodate the following sticks and stick bases: Thrustmaster Warthog or AVA, all Virpil, VKB Gunfighter, WinWing Orion2 and Super Libra, Moza AB6 (not compatible with AB9).
- Bracket is clamped beneath or over seat frame center tube.



Bill Of Parts

1. Lower clamping bracket
2. Mid extension bracket
3. Upper L bracket
4. Lower adapter plate
5. Upper adapter plate
6. Clamping 3-hole tab

Clamping bracket mounting hardware:

7. M8x80mm button head bolt (2)
8. M8 washer (2)
9. M8 nut (2)

Lower plate to upper L bracket mounting hardware:

10. M6x50mm countersink bolt (2)
11. M6 wide washer (2)
12. M6 tooth washer (2)
13. M6 nut (2)

Upper to lower adapter plate hardware:

14. M6x20mm countersunk bolt (4)

Revision Note:

The socket head zinc-plated bolts connecting upper and lower plates, shown in the illustrations have been replaced with black steel countersunk bolts.

Actual hardware supplied may differ slightly from the illustrations but will function as described in the assembly instructions.

15. M6 flat washer (4)
16. M6 tooth washer (4)
17. M6 nut (4)
18. M10x20mm hex bolt (substitute top quick release knob for clearance)
19. M10x12mm set screws (2)
20. Optional small quick release knobs for "hot swap" or quick removal of top assembly with stick control with upper L bracket (2)

Upper plate to stick base mounting hardware

21. Stick upper plate (stick base cover) to lower plate hardware: m6x20mm socket bolts (4); washers (4); lock washers (4); nuts (4)

22. Stick mounting hardware:

- a) Thrustmaster Warthog, VirPil, VKB sticks mounting hardware: M4x12mm countersink bolts (4); 2.5mm hex key
- b) WinWing Super Taurus stick mounting hardware: M6x12mm bolts (4)
- c) WinWing Orion2, Moza AB6 mounting hardware: M4x10mm countersink bolts (4)

 For the Moza AB6 stick base, remove (peel off) the factory rubber feet on the front side of the control base (away from the seat) so the base plate can rest flat against the bottom of the stick base. Install the countersunk bolts connecting the upper and lower plates through the upper plate before installing the upper plate onto the AB6 stick base.

23A.  (4)

23B.  (4)

23C.  (4)

Installation

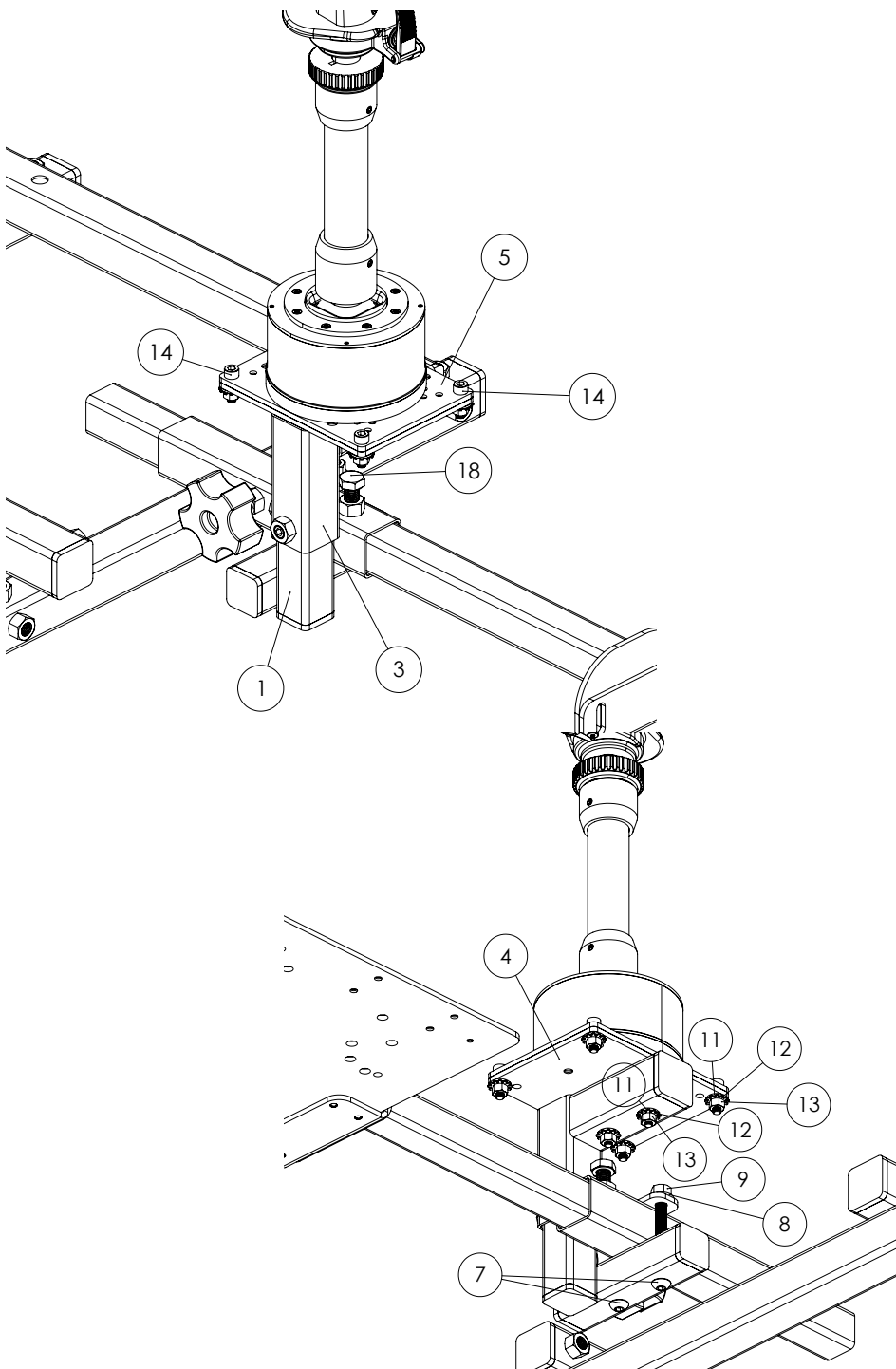
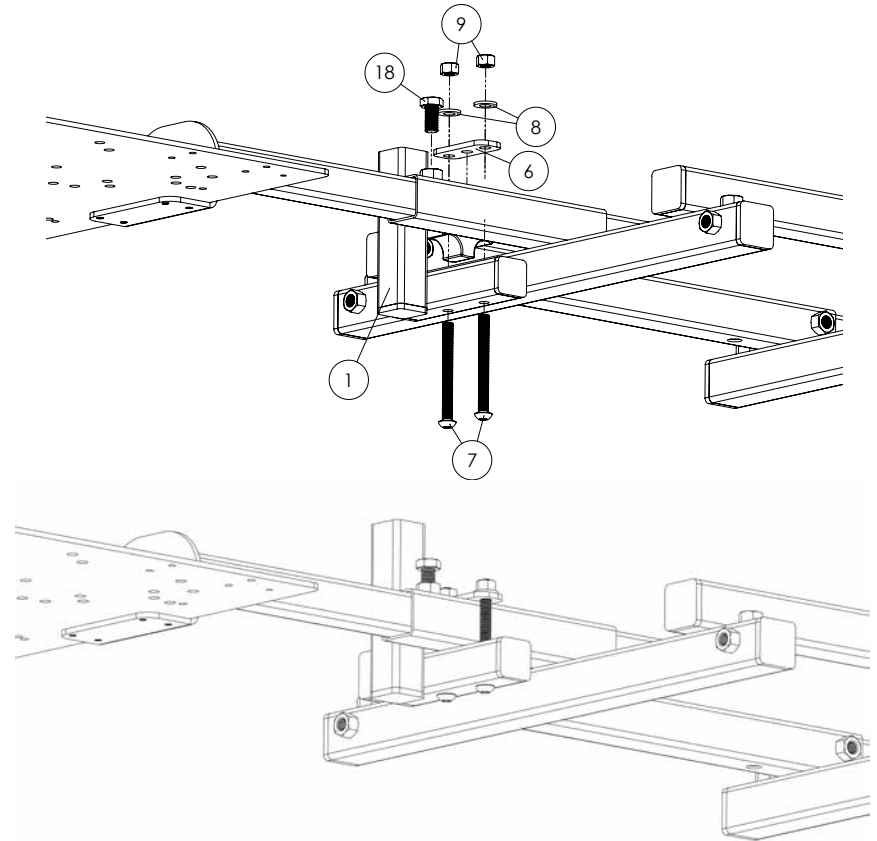
Option 1: Mount lower bracket beneath tube for lowest height adjustment.

Clamping bolts are mounted upside down.

Replace top mounted knob with supplied bolt for clearance. Use 17mm open wrench to tighten or loosen bolt without removing bracket. Ensure bracket is clamped far enough from side knob to allow knob release if needed.

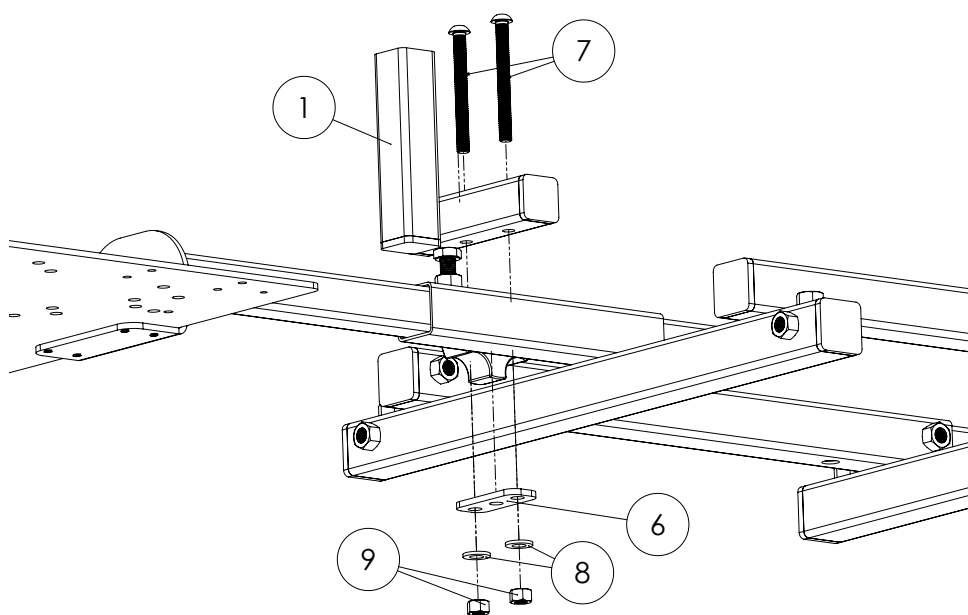
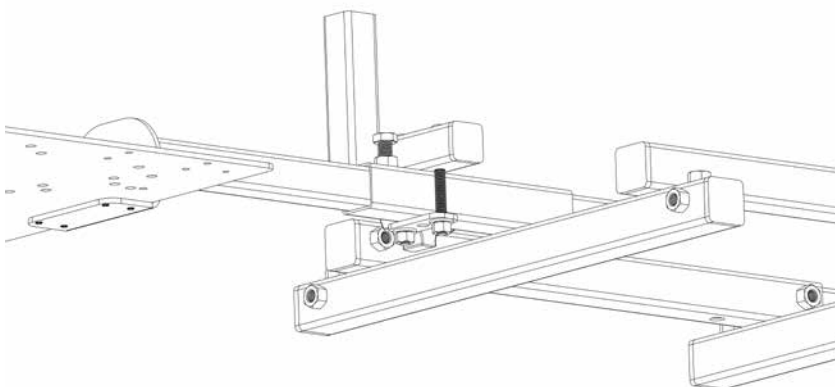
⚠ Ensure clamping bolts have equal tension and clamping tab lays flat against main support tube. Do not over-tighten bolts to avoid bending 3-hole tab.

⚠ Ensure tab and bracket are square to tube they are clamped on.



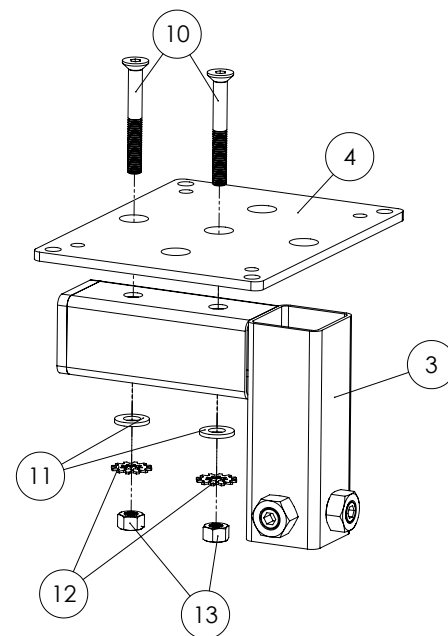
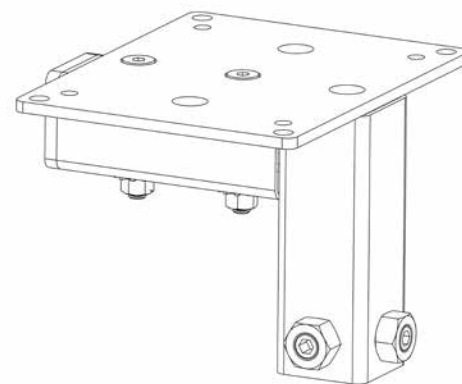
Option 2: Mount lower bracket on top of main support tube for highest height adjustment.

⚠ Clamping bolts are mounted right side up.

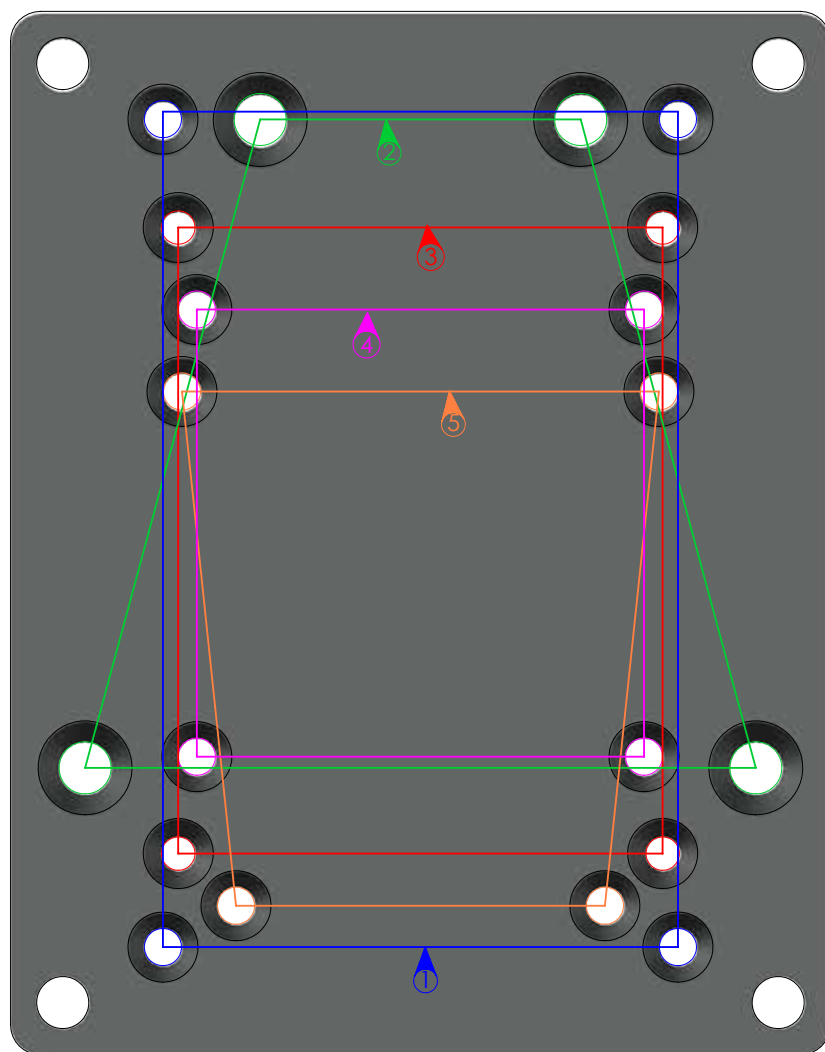


Attach lower adapter plate to the center stick upper L bracket. Depending on control base mounting pattern plate may be installed in either direction.

Use pair of M6x50mm countersink bolts to secure lower plate to bracket.

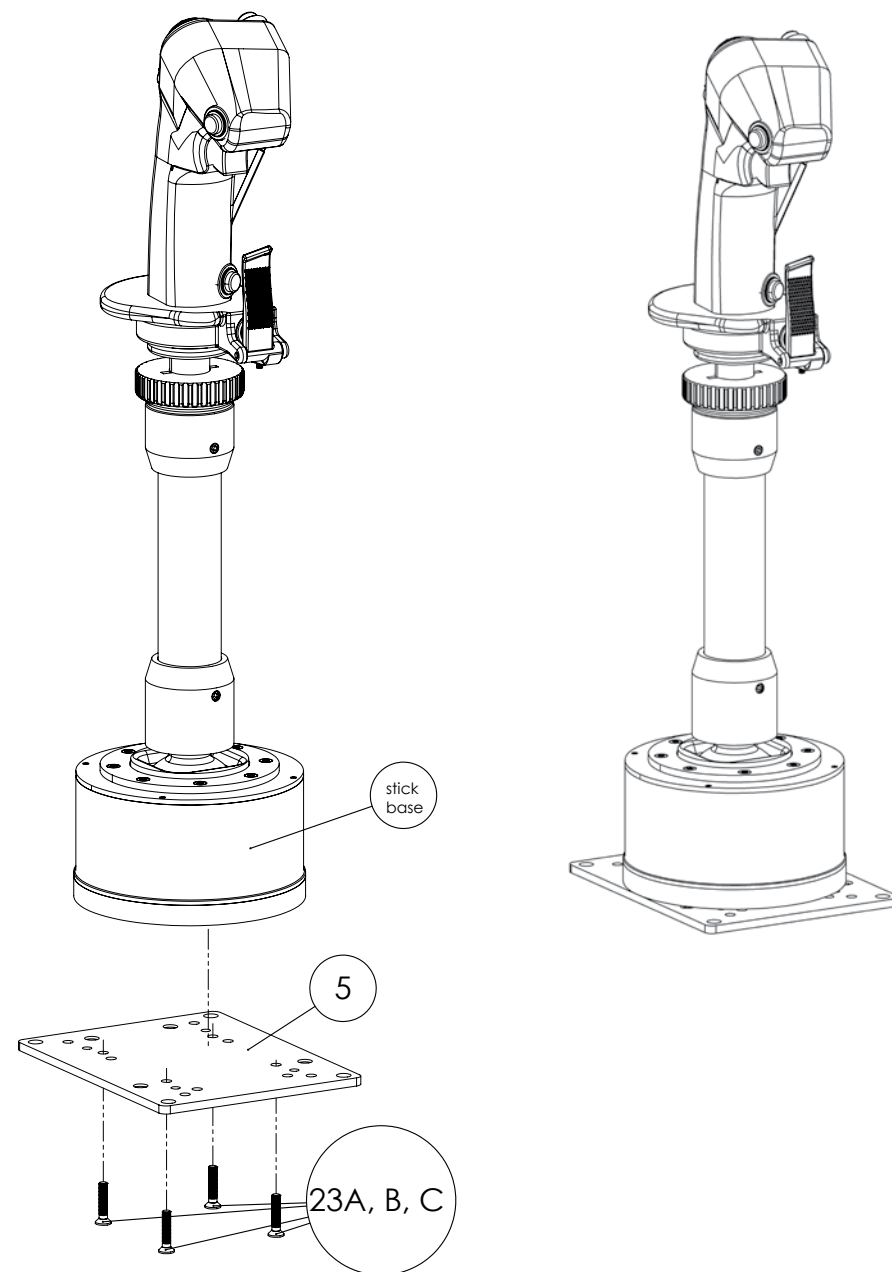


Mounting patterns by brands and models.

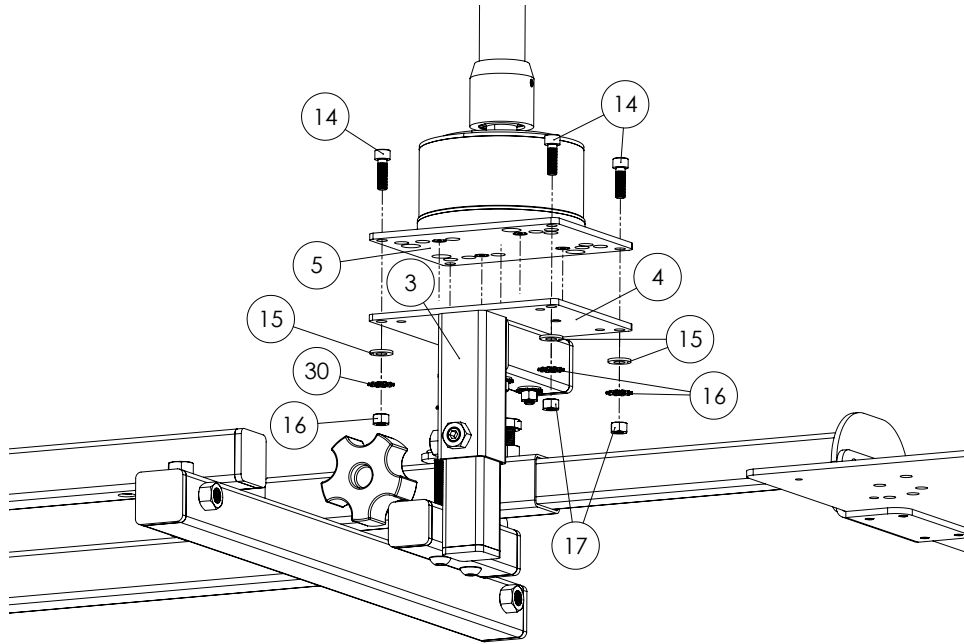
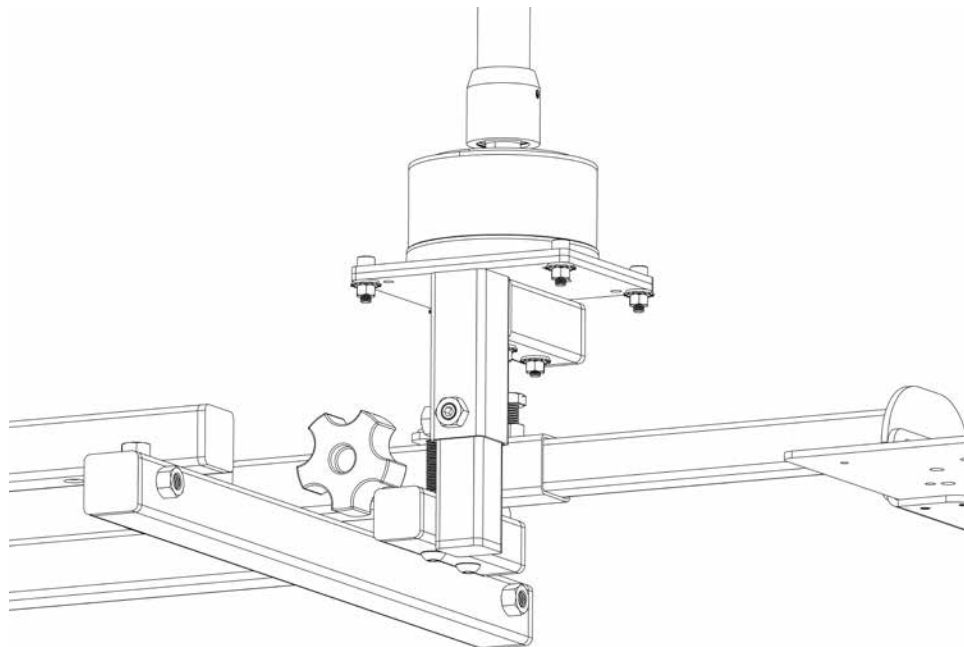


- 1 Virpil Mongoos WarBRD
- 2 WinWing Super Libra
- 3 Virpil CDT
- 4 Thrustmaster Warthog
WinWing Orion2
Moza AB6
- 5 VKB Gunfighter

Attach upper adapter plate to stick base. Certain controls may require removal of their factory base plate and replacing it with SimFab cover plate. Such control is Thrustmaster Warthog stick base. If threaded inserts on the stick base are exposed and accessible, removal of factory plate is not necessary.



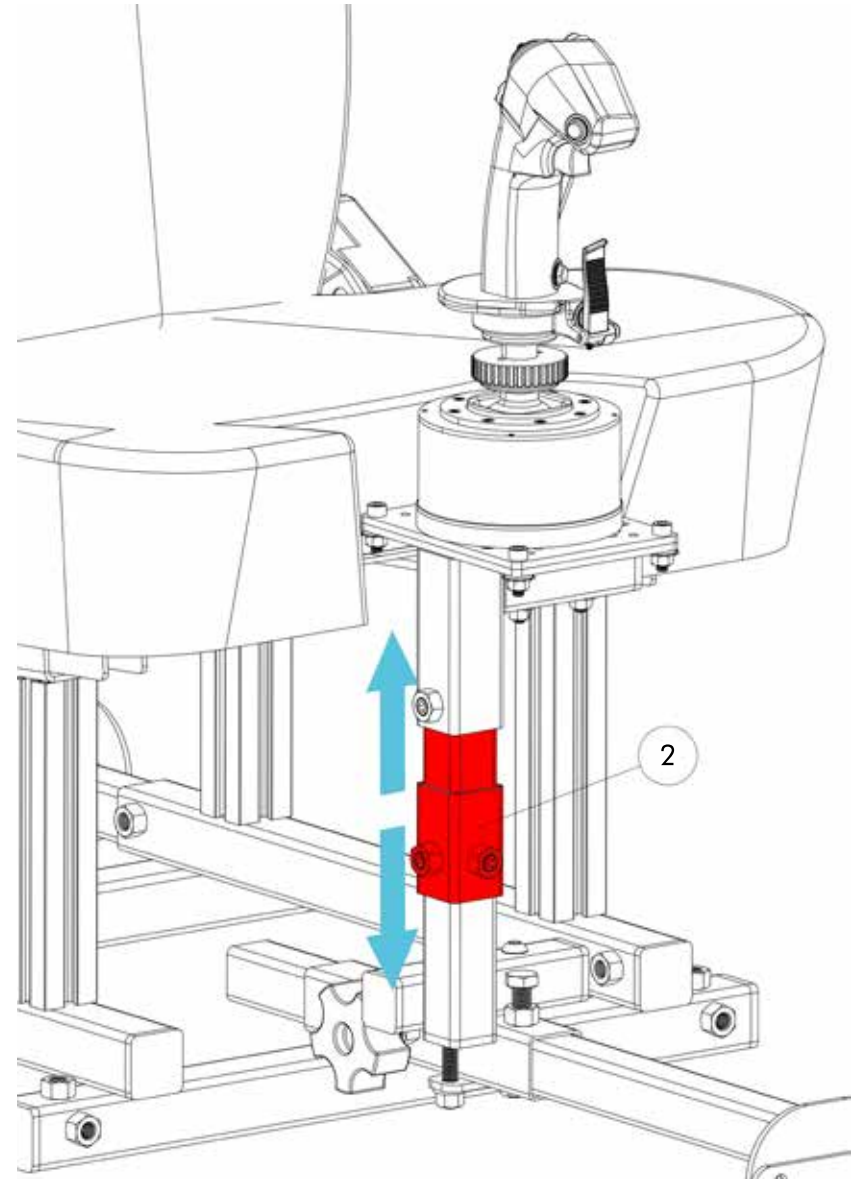
Attach upper to lower plate with provided hardware.



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Option #3: Install bracket extension tube if necessary to achieve highest height adjustment. Normally used when stick is used without grip extension. Gently tighten down set screws pre-installed on two adjacent sides of tube extension until tube is secured and straight. Do not over tighten set screws.

Adjust overall bracket height by extending each section of the assembly within its limits



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⚠ When center mounted stick is not being used, remove upper bracket along with the stick attached to it and leave lower bracket clamped on seat frame. For frequent controls hot swap, replace set screws with small quick release knobs. Look up our catalog for an optional kit including set of plates and upper L bracket dedicated to 2nd stick. Sticks can be hot swapped as illustrated with minimum downtime.



Specifications:

Recliner: max: 170 degrees

Construction: tubular steel frame with elastic strap supports

Seat Materials: high-density cold cure foam filling; Fabric, Steel chassis

Instructions during use and care:

Move simulator around with caution to avoid collision.

Keep out of direct sunlight and outdoor use.

Watch fingers when adjusting recliner.

Placing heavy or sharp objects on the seat may damage the surface material.

Do not use abrasive or chemically aggressive materials on the seat.

Use dry cloth or soft brush to clean the chair.

Dimensions:



Warranty Information

Return Policy

Terms And Conditions

<http://homeracer.com/ow-termsandconditions.html>

