Modular Flight Simulator Cockpit
Hybrid Edition

* Assembly Manual
* Introduction Of Modular Design
* Optional Add-on Accessories



Assembly instruction manuals available at:

http://bit.ly/ow-manuals

V1.2 063026

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

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WARNINGS:

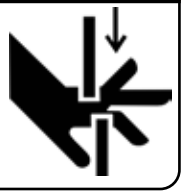
Proceed with caution and extra attention when warning signs are present during installation instructions manual.

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.







SimFab modular cockpit "Hybrid Edition" package consists of several individually packed modules (configurations). Install each in the following order and refer to their dedicated assembly manual where applicable.

1.1. Install seat lift kit (located within seat frame on bottom of the box) between seat frame and seat base sliding rails.
1.2. Install optional arm rest kit between seat risers and seat sliders.
⚠ Follow instructions in arm rest kit manual booklet.

⚠ Follow instruction in Seat lift kit manual booklet.

2. Install seat backrest to seat base.

⚠ Do not use seat before it is fully assembled and has weight in front, or rear extensions installed to the back, preventing seat from tipping over.

3. Install seat frame rear extensions.

4. Install flight sim configuration #1 side brackets, plates and controls

5. Install optional flight sim configuration #4, rudder pedal plate (sold separate)

6. Install optional center post for center mounted stick.
7. Install all rest optional configurations or add-on accessories available for purchase at www.SimFab.com or www.Amazon.com

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Parts list

Parts

1. Seat base and seat backrest
2. Seat frame
3. Seat frame felt pads
4. Seat lift kit (located within seat frame area)
5. Seat frame rear support kit (located within seat frame area)
6. Side control upper L bracket (2)
7. Side control lower L bracket (2)
8. Large universal plate (2)

Hardware and accessories:

9. Upper L brackets and frame quick disconnect knobs (4+2)
10. Velcro strips for controls without hard mount inserts or mounting holes.
11. Velcro ties for cable management (6)
12. Assembly manual booklet
13. Plates to upper L brackets mounting hardware:
    bolts (4); washers (4); lock washers (4); nuts (4); 4mm Hex key

14. Controls mounting hardware:

.A: Mounting hardware for Thrustmaster controls:
    bolts (4); washers (4)

B. Mounting hardware for Logitech/Saitek controls:
    bolts (4); washers (4); wingnuts (4)

C. Mounting hardware for VKB and Turtle Beach sticks, and throttles:
    bolts (6); washers (8); wingnuts (4)

15. Wrenches

5mm Hex key
8mm Hex key
7mm combo flat wrench
10mm combo flat wrench
13mm combo flat wrench
17mm combo flat wrench



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.



Seat and Seat frame installation

1. Install seat lift kit between seat frame and seat base.

⚠ Refer to seat lift kit installation manual.

Attach felt pads to each corner of seat base frame. Align each pad with welded nuts, towards the end of frame tube as shown.





2. Seat Assembly

• Remove pre-screwed pair of bolts on left side of the backrest and bolt on right side of the seat.

⚠ Seat base is designed with removable center foam insert for center mounted stick or cyclic use.



• Align backrest with seat reclining arm on the left side. Hand tight single hinge bolt on right side first, then two bolts on the left side.



• Tighten down all 3 bolts with supplied wrenches: small Allen (Hex) key for the pair bolts on the left; Large combo wrench for the bolt on right side.



3. Seat frame rear extension kit with "Easy Roll" wheel set installation. Insert wheel tube into rear side of seat frame until it bottoms out. Secure tubes with pair of bolts pre-installed to seat frame.

Install leveling feet pointing down and rolling wheels up when chair is resting. Adjust leveling feet until they touch floor.

Flip brackets with rolling wheels pointing down when chair needs to be moved around. Lien backrest down until wheels touch floor and roll chair by keeping balance.







Compatibility

Flight sim add-on kit configuration #1 is compatible with the following brands and models:

1. Thrustmaster HOTAS T.Flight stick and throttle
2. Thrustmaster T16000M stick and throttle
3. Thrustmaster TCA AirBus captain or officer package
3. Logitech/Saitek X52, X52 Pro, X56
4. VKB Gladiator Stick
5. CH Products stick and throttle
6. Hori stick and throttle
7. Turtle Beach Velocity One Stick



Universal side brackets installation

Insert lower "L" bracket to upper "L" bracket. Use either long or short arm of lower "L" bracket depending on height position adjustment. Mount pair of handle knobs as shown below.



Use flathead screwdriver to wedge out plastic cap from front/side frame tube. *End caps may be removed



Insert lower “L” bracket to front/side tube of the seat frame. Install pair of bolts into welded nuts of the frame.

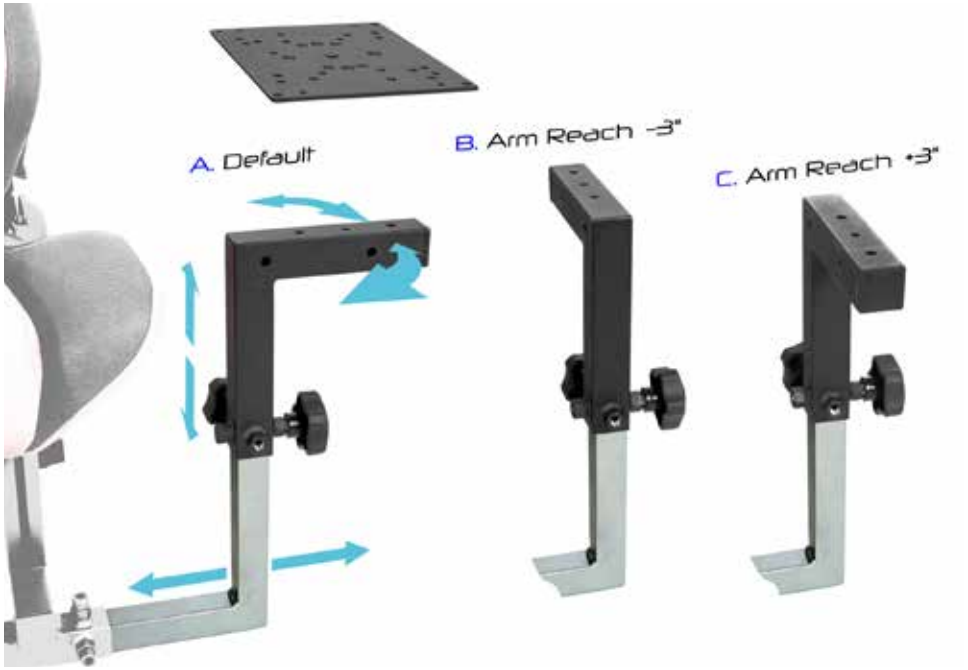
Depending on setup and preference, switch to either long or short Lower L bracket arm.

Repeat above steps for left hand side bracket set.



⚠ Optional turn upper L bracket pointing forward, turn plates 90 degrees for extra 3” arm reach.





Plates installation

4. Mount each plate to upper support bracket by using pair of countersink bolts, washers, tooth washers and nuts per plate.



Flight controls installation

5. Depending on brand and model controls use included mounting hardware to hard mount stick and throttle to each plate. Use included Velcro strips for controls not equipped with mounting inserts or through holes.

Thrustmaster T.Flight controls with cable between stick and throttle require upper L brackets adjusted forward and lower L brackets adjusted closer to seat sides. Run cable across lap. Use Velcro strips to secure stick for 1st gen T.Flight set without hard mounting inserts.

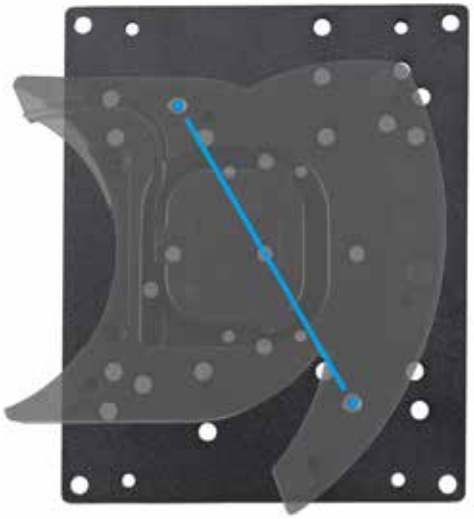


Controls mount pattern

Thrustmaster T.Flight One/4 Throttle

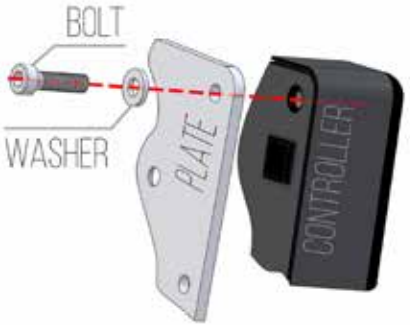








Thrustmaster T.Flight One/4 Stick







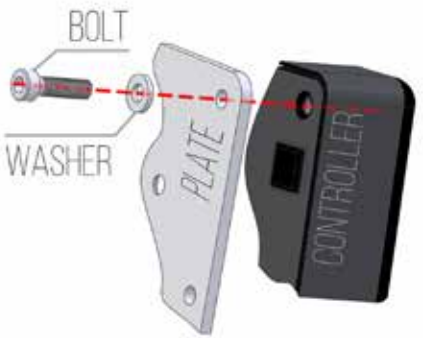


Thrustmaster T16000M FCS Throttle





Thrustmaster T16000M FCS Stick





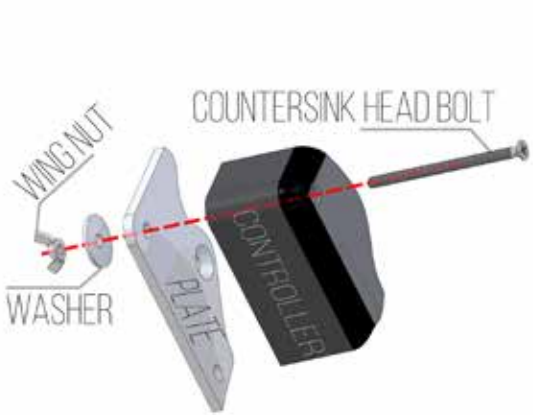


Logitech (Saitek) X56 Throttle





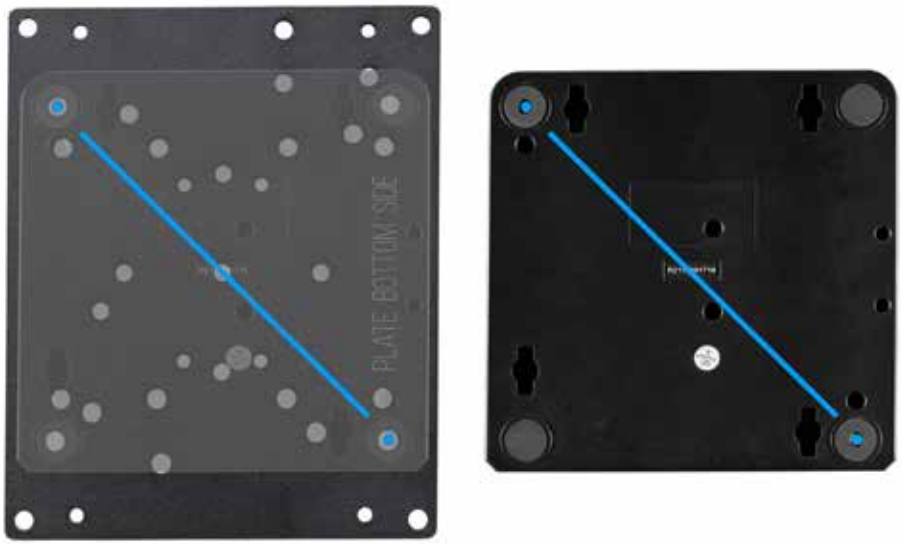
Logitech (Saitek) X56 Stick



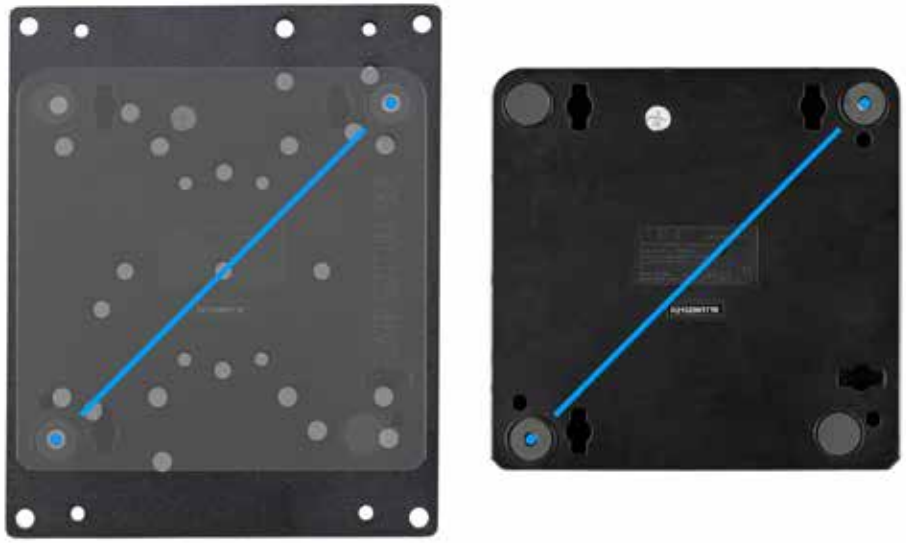





WING NUT
COUNTERSINK HEAD BOLT
WASHER
PLATE
CONTROLLER


PLATE BOTTOM SIDE

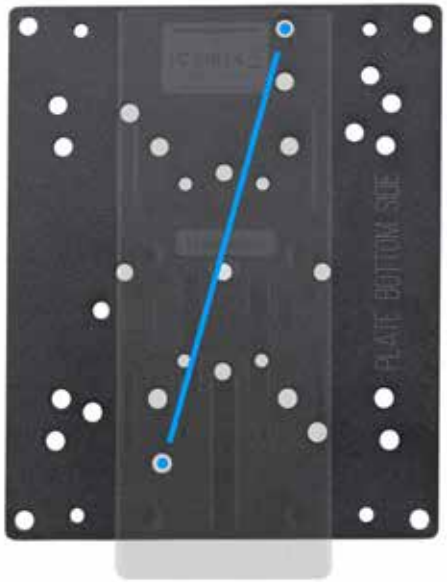

WING NUT
COUNTERSINK HEAD BOLT
WASHER
PLATE
CONTROLLER



Thrustmaster TCA Officer or Captain Pack Airbus Edition Throttle-Quadrant

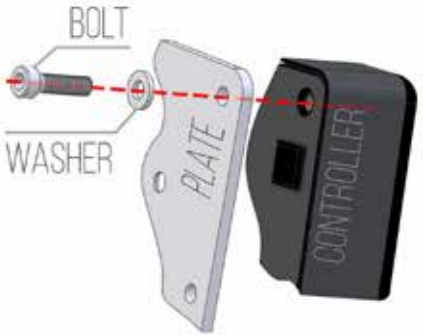








Thrustmaster TCA Officer Pack Airbus Edition Stick









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

