

# Flight Simulator Add-on Kit

## **Configuration #4**

### Rudder Pedal Plate Assembly Manual And Optional Accessories



Assembly instruction manuals available at:

V3.2 102924

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

by **SimFab**.com

If your item is damaged, defective or missing parts, please contact us first directly at Email: [info@SimFab.com](mailto: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](mailto:info@SimFab.com)

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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## 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.



SimFab introduces several base models as follows:

Combat sim modular flight cockpit, **DCS World edition**

General aviation modular flight cockpit, **Trainer edition**

Civil aviation modular cockpit, **MSFS edition**

Civil, combat and space sim modular cockpit, **Hybrid edition**

Civil or combat sim modular cockpit, **Rotor-craft edition**



**DCS edition**

Base package combines several flight sim add-on modules. For compatibility refer to flight sim add-on kit configurations #2, #4, #6

The SimFab modular flight sim trainer station is a state-of-the-art training system designed to optimize cognitive memory and provide full compatibility with high-end flight simulation controls. It offers precise user adjustment options and the ability to hot swap between panels and controls for a customizable and efficient training experience.



**Trainer edition**



**MSFS edition**

Base package combines several flight sim add-on modules. For compatibility refer to flight sim add-on kit configurations #4, #5





### Hybrid edition

Base package combines several flight sim add-on modules. For compatibility refer to flight sim add-on kit configuration #1



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<https://bit.ly/simfabddckit>

### DD sim racing conversion kit

Convert your flight sim pit to sim racing setup and hot swap between each setup in seconds

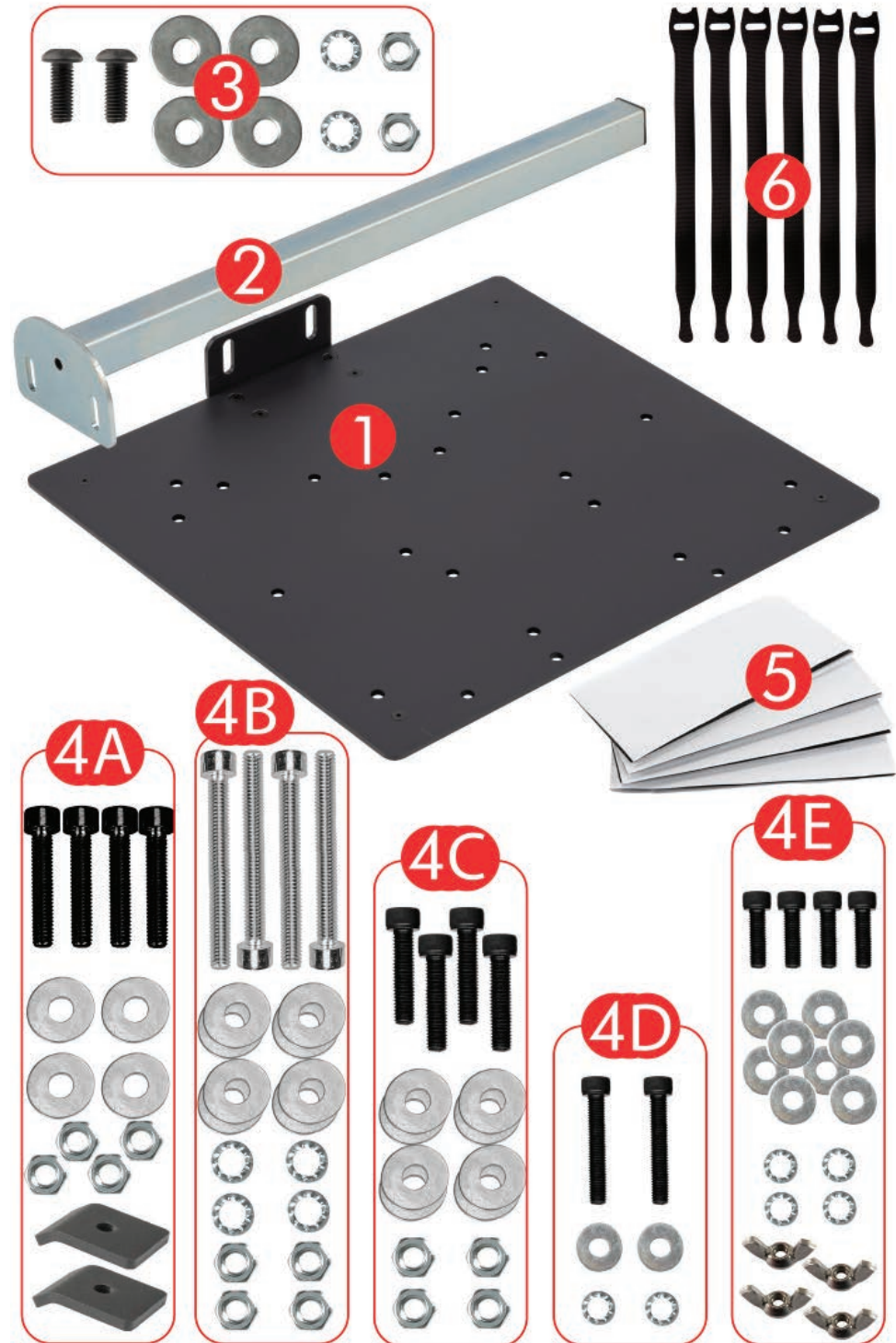
Requires Gen3 base chassis.

## Parts list

1. Rudder pedal plate with mounting bracket.
2. Rudder pedal plate shaft.
3. Rudder pedal plate to shaft mounting hardware.
4. Various controls mounting hardware:  
 ⚠ All controls mounting bolts are installed upside down except WinWing pedals (bolt heads on floor side).  
 A. Thrustmaster TFRP, VirPil Torq, WinWing Skywalker  
 B. Logitech (Saitek)  
 C. MFG Crosswind  
 D. VKB T-Rudders Mk.IV  
 E. TPR, VirPil Ace Interceptor/Collection, Slaw Viper, Turtle Beach Velocity One
5. Vecro strips for rudder pedals not equipped with through holes or inserts. (4)
6. Velcro ties for cable management (6)

⚠ Use wrenches included in base package cockpit.

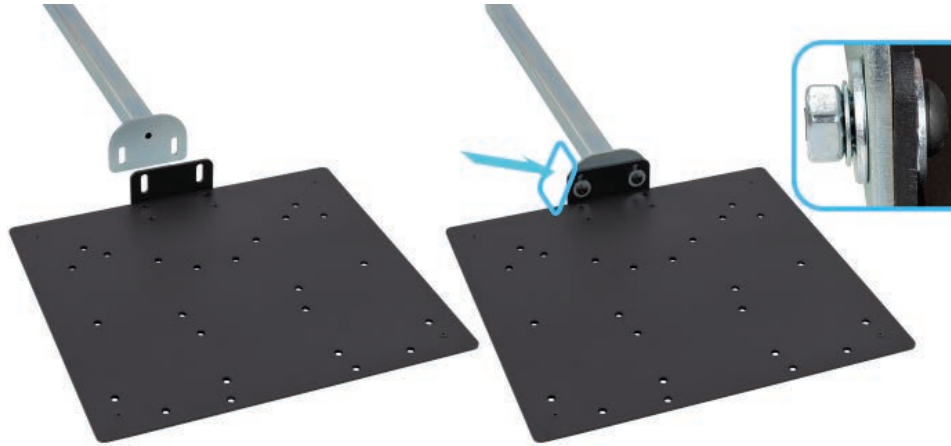
- \* 5mm Hex key
- \* 10mm combo flat wrench
- \* 13mm combo flat wrench



## Installation

### Pedal plate and shaft assembly

1. Install hardware connecting pedal plate with shaft, leave hardware hand tight.

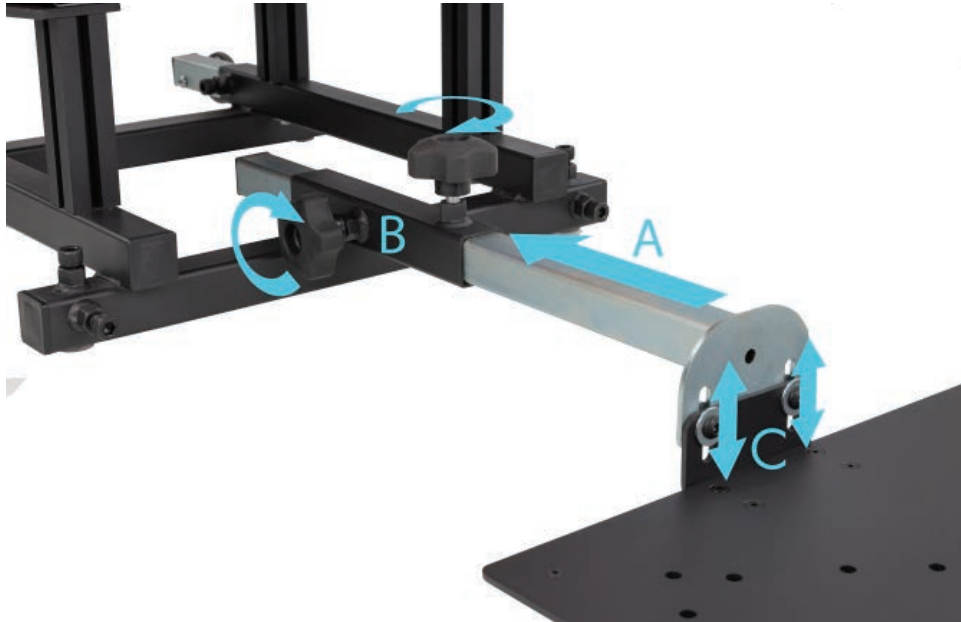


2. Rudder pedal plate assembly to seat frame installation.

A. Slide in shaft to seat frame

B. Tighten quick release knobs

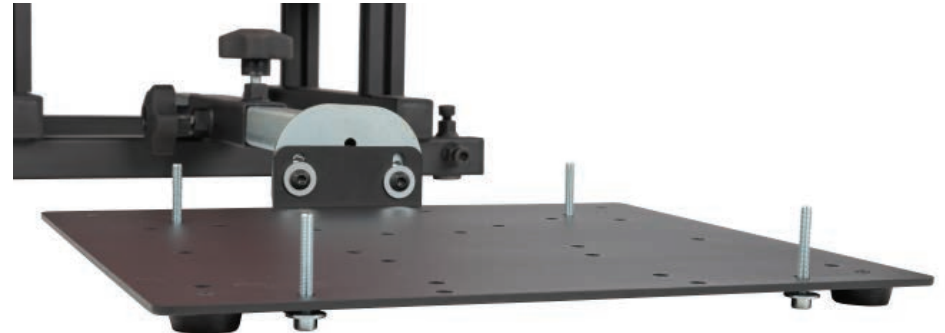
C. Adjust plate to lay flat on floor and tighten plate mounting hardware by using 5mm hex key and 13mm combo wrench.



### Rudder pedals installation

3. Install controls mounting hardware upside down with bolt heads facing the floor.

⚠️ All controls (except WinWing rudders) mounting bolts are installed upside down (bolt heads on floor side).





## Rudder pedals mounting pattern

Saitek/Logitech

ThrustMaster TFPR

ThrustMaster TPR

VirPil Ace Interceptor / Collection

VirPil Ace Torq

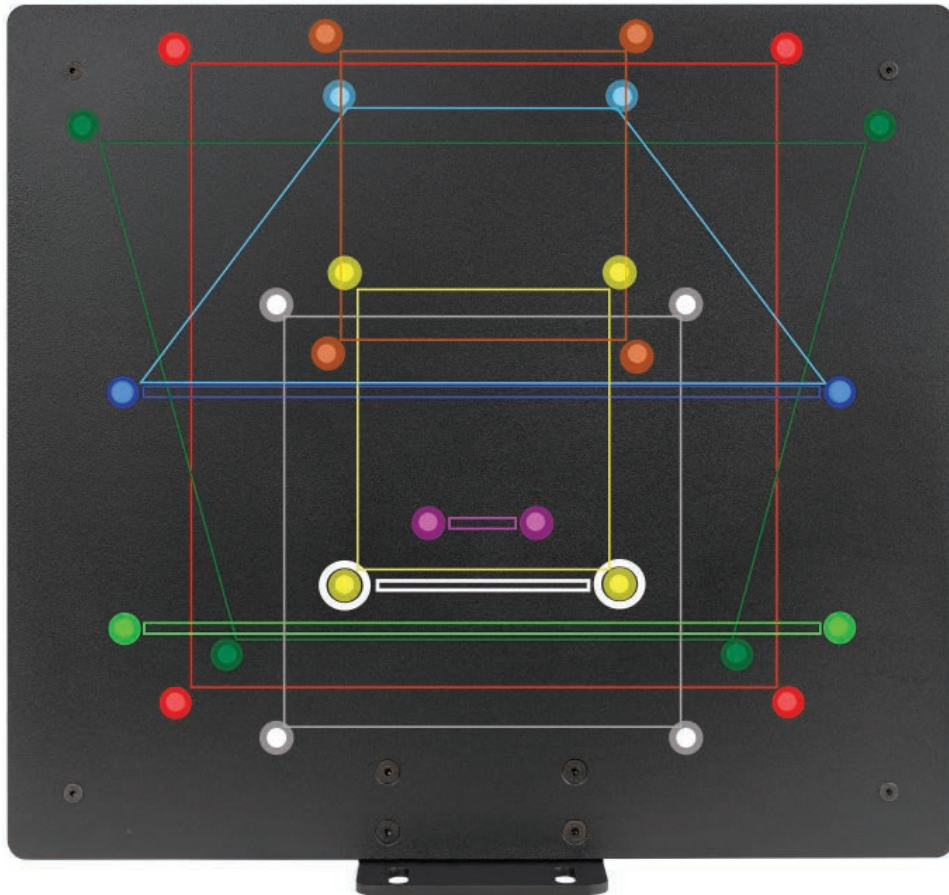
MFG CrossWind

VKB Sim and Turtle Beach Velocity One

CH Products - use Velcro strips

Slaw Device Viper

WinWing Skywalker



4. Thrustmaster TFPR rudder pedals holding tabs installation. Align rudder pedals along with plate mounting holes and clamping marks as indicated on pedals.

⚠ Clamping holding tabs elsewhere may damage pedals plastic.





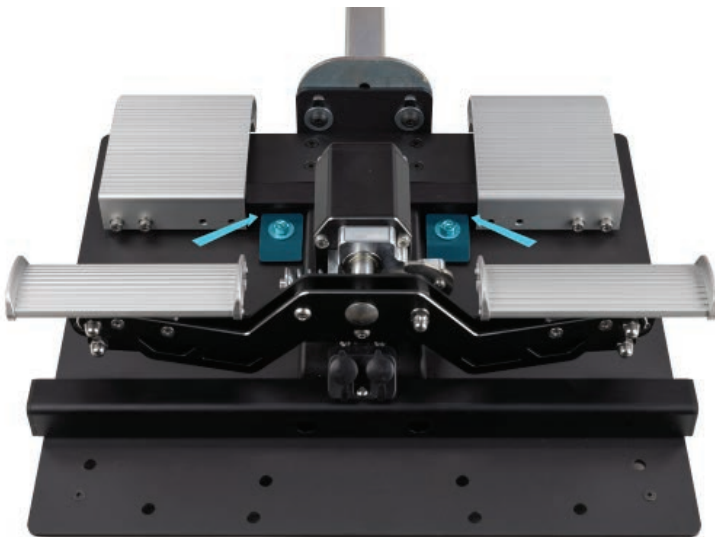
5. VirPil Collection / Interceptor rudder pedals.

⚠ Remove factory base bracket held by four bolts and mount pedals to OpenWheeler rudder pedal plate.



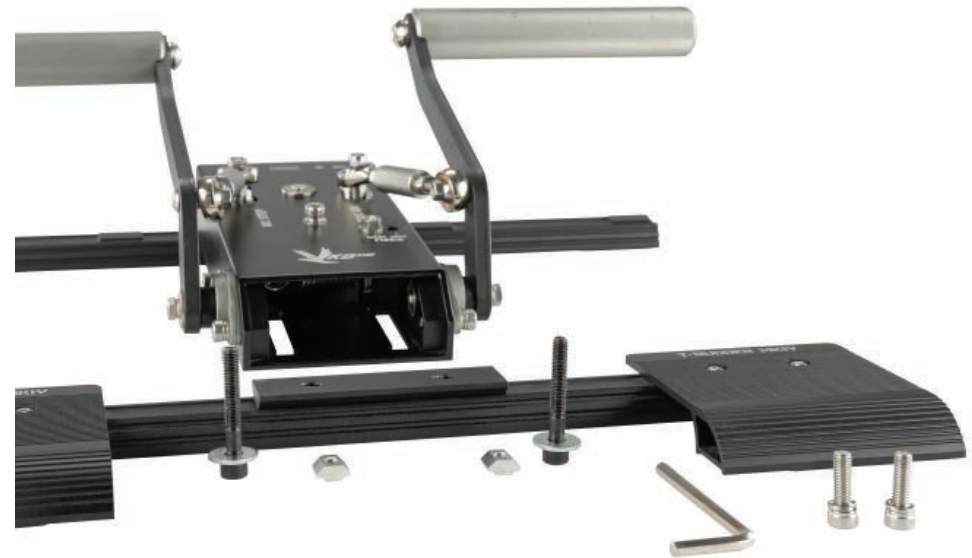
6. VirPil Torq rudder pedals holding tabs installation.

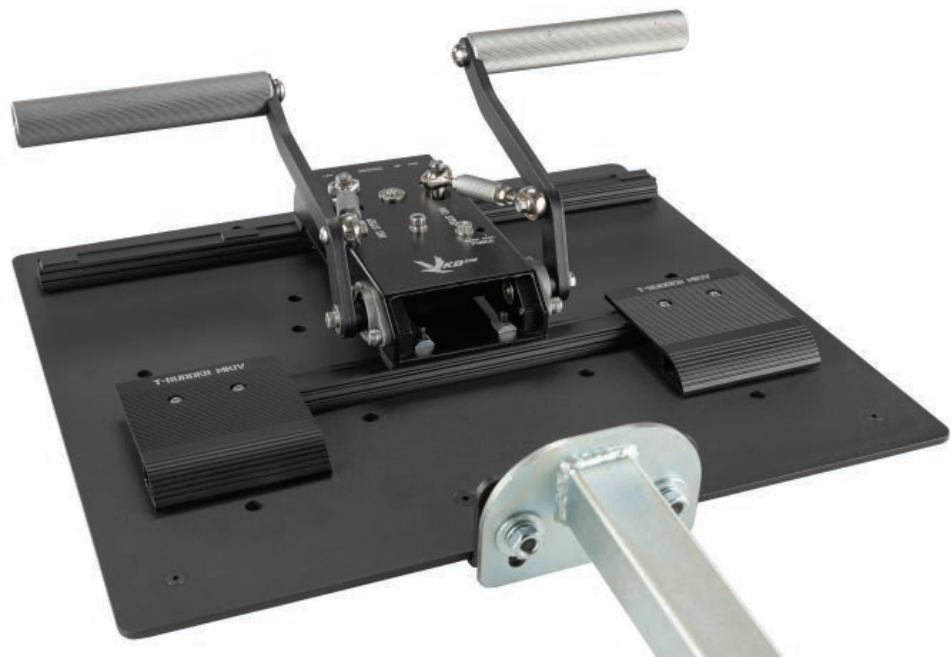
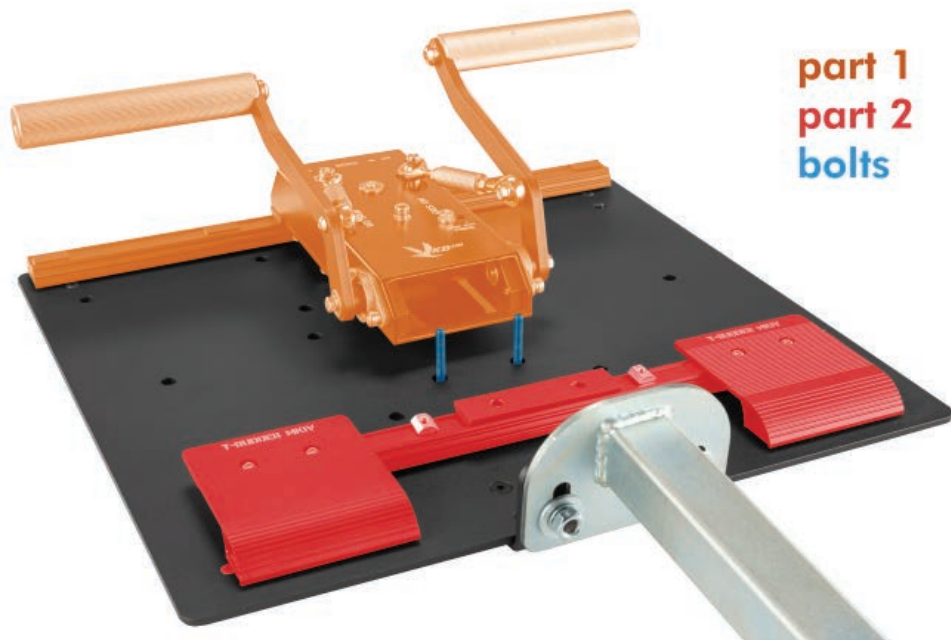
⚠ Use holding tabs and hardware to secure rudder pedals to plate.



7. VKB T-Rudders Mk.IV rudder pedals.

⚠ Remove factory inserts and bolts holding rudder rear feet as shown, and replace them with hardware as labeled through pedal plate.

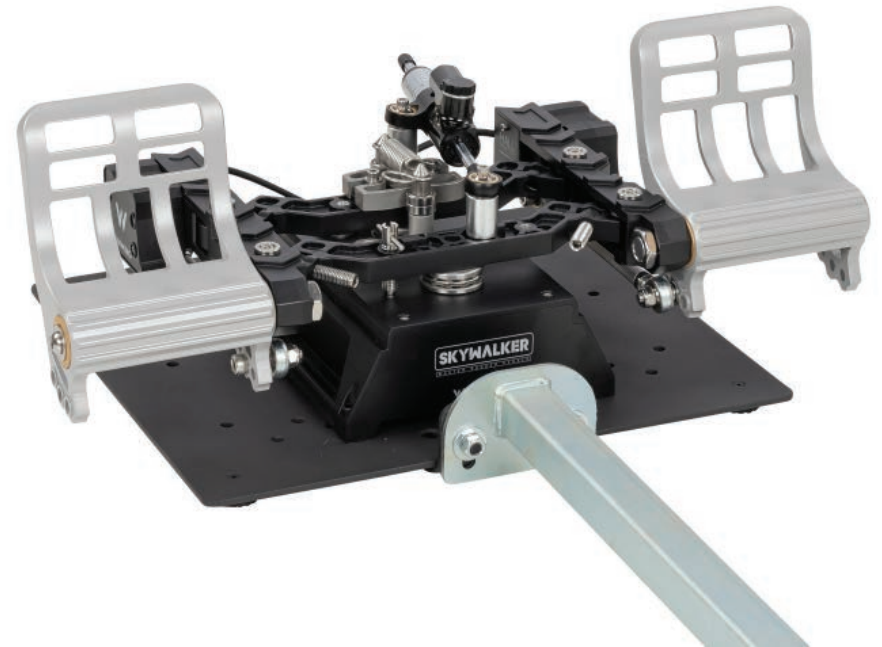




## 8. WinWing Skywalker (Orion) rudder pedals.

Use rudder kit hardware, bag 4A: 4 bolts M6x25mm, 4 washers, 4 nuts.

⚠ WinWing rudder pedals are the only ones with bolts installed right side up: bolt head top of rudders, washers and nuts bottom of plate.





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>

