

Seat Frame Removal & Installation

Optional Seat Lift Kit (Spacers) Installation



Assembly instruction manuals available at:

V8.1 121322

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

by **SimFab[®]**

WARNINGS:



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



SimFab Modular Flight Simulation Concept And Design Intent

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

SimFab offers wide range of dedicated and specialized flight simulation pits with high level of fidelity, realism and immersion. While all our pits, attachments and brackets are designed, replicating real aircrafts layout we take in consideration maximum comfort, modularity and full compatibility with all established brands and controls makers on the current market.

SimFab modular flight pit concept starts with several basic models covering the essentials at most affordable budget, without compromising in quality and craftsmanship.

Base models are suitable for flight sim pilots entering the air field of flight simulation and looking to give it a try at affordable cost. Each of our models has modular design, all upgradeable and interchangeable with one another, including sim racing setup.

Our base models are purposed for type of flight simulation as well as types of flight controls sharing similar attachment design.

SimFab introduces three base models as follows:

Civil aviation modular pit, **MSFS edition**.

Civil, combat and space sim modular pit, **hybrid edition**.

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



DCS edition



Hybrid edition

For compatibility refer to flight sim add-on kit configuration #2

For compatibility refer to flight sim add-on kit configuration #1

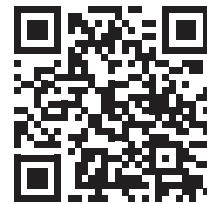


MSFS edition

For compatibility refer to flight sim add-on kit configuration #5



SCAN TO ORDER



<https://bit.ly/dd-conversionkit>

DD sim racing conversion kit

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

Removing seat frame

1. Recline seat all the way to horizontal position and flip it upside down.



Fig. 1

2. Slide seat frame all the way back by releasing the sliding rails lever.



Fig. 2

Parts List

1. Short (rear) spacers (2)
2. Long (front) spacers (2)
3. Bolts set (pre-installed) (4)
4. Open-end wrench 13mm (1)

3. Unscrew and remove rear bolts holding the seat frame by using two open-end wrenches as shown below.

* Use second 13mm open-end wrench included in tools bag, from original OpenWheeler tool set.



Fig. 3



Fig. 4

4. Slide seat frame all the way forward by releasing the sliding rails lever.

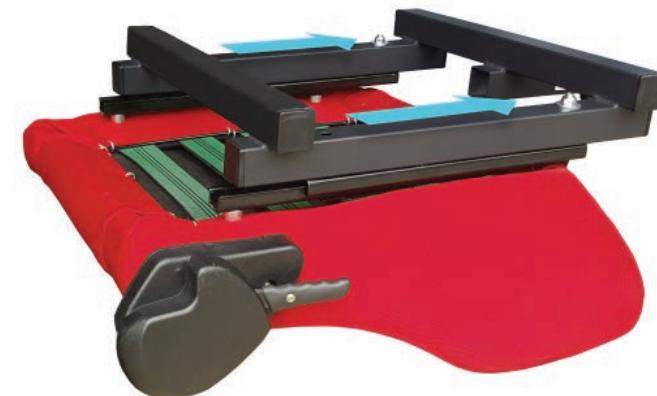


Fig. 5

5. Unscrew and remove front bolts holding the seat frame the same way as the rear pair bolts.



Fig. 6



Fig. 7

Optional Seat Lift Kit (Spacers) Installation

Installing seat frame without spacers

* Optional seat lift kit (with spacers), refer to next page.

1. Ensure both rails are moved all the way forward.
2. Set frame on the rails and install front bolts.
Mount washers and lock nuts by hand.
3. Slide seat frame all the way back by releasing the sliding rails lever.
4. Install rear bolts holding the frame.
5. Tighten rear nuts by using both open-end wrenches.
6. Slide seat frame all the way forward by releasing the sliding rails lever.
7. Tighten front nuts the same way as rear ones.
8. Flip seat up to normal position and adjust it to your liking.

Parts and tools included in the kit:



Fig. 8

- 13mm open-end wrench (use second 13mm open-end wrench included in cockpit package)
- 4x seat frame spacers (2x short/rear and 2x long/front)
- 4x spacer bolts (pre-screwed)



Fig. 9

- **Note:** Spacers are cut at angle to provide 5 degrees seat tilt. Therefore, each pair spacers have specific front/rear side and top/bottom direction to seat/frame. Refer to labels on each spacer.

1. Remove pre-screwed bolts (shorter bolts) from spacers and use them to mount spacers to the rails.

2. Slide seat rails all the way to forward position.



Fig. 10

3. Install longer spacers to front rails by holding the spacer bolts with one hand and screw on the spacer to the bolt with the other hand.

* Leave spacers loose on the bolts in order to align them with the frame at later step.



Fig. 11



Fig. 12

• Front spacers should point out with stickers forward as shown.



Fig. 13

4. Slide the rails all the way to rear position and install the rear spacers same way as front ones.

• Rear spacers are shorter than front and stickers should point backwards as shown.

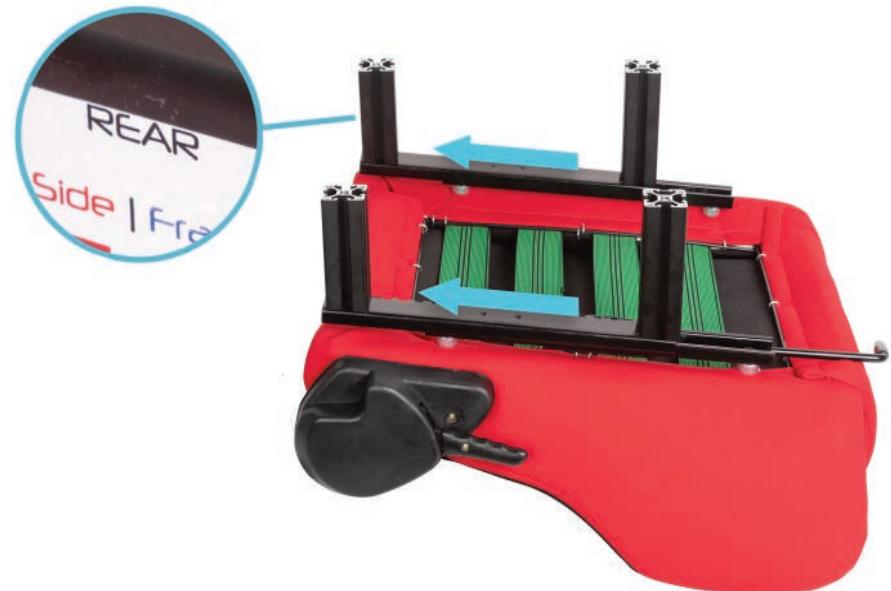


Fig. 14

5. Place seat frame on top of the spacers and align the frame holes to match with spacers holes.

6. Mount seat frame with original (longer) bolts and washers to the spacers by hand.

* Leave bolts loose in order to align them with the frame, after all four are bolted on.



Fig.15



Fig.16

7. Align spacers at correct direction, square with frame.



Fig.17

8. While holding each spacer straight with the frame, tighten up the frame bolts with the 13-flat wrench.



Fig.18

9. Use the close end of 13-flat wrench to tighten spacers bolts. First rear ones. Slide rails all the way forward and tighten front ones.

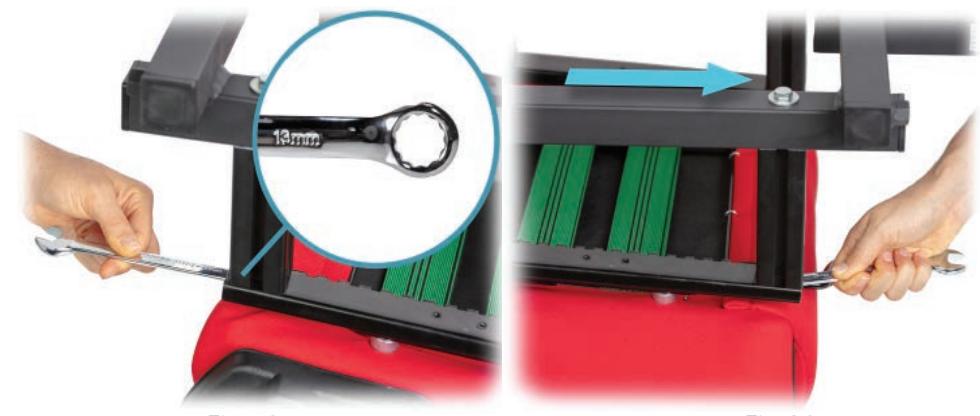


Fig.19

Fig.20

10. If manual gear shifter is used on side of the cockpit: flip lower "L" bracket with longer arm pointing up and shorter arm going into the seat frame. Adjust upper L bracket accordingly to level the shifter with the raised racing seat.

11. Flip racing seat with side up, make final adjustments and tighten up all knobs and bolts.



Fig.21



Fig.22

