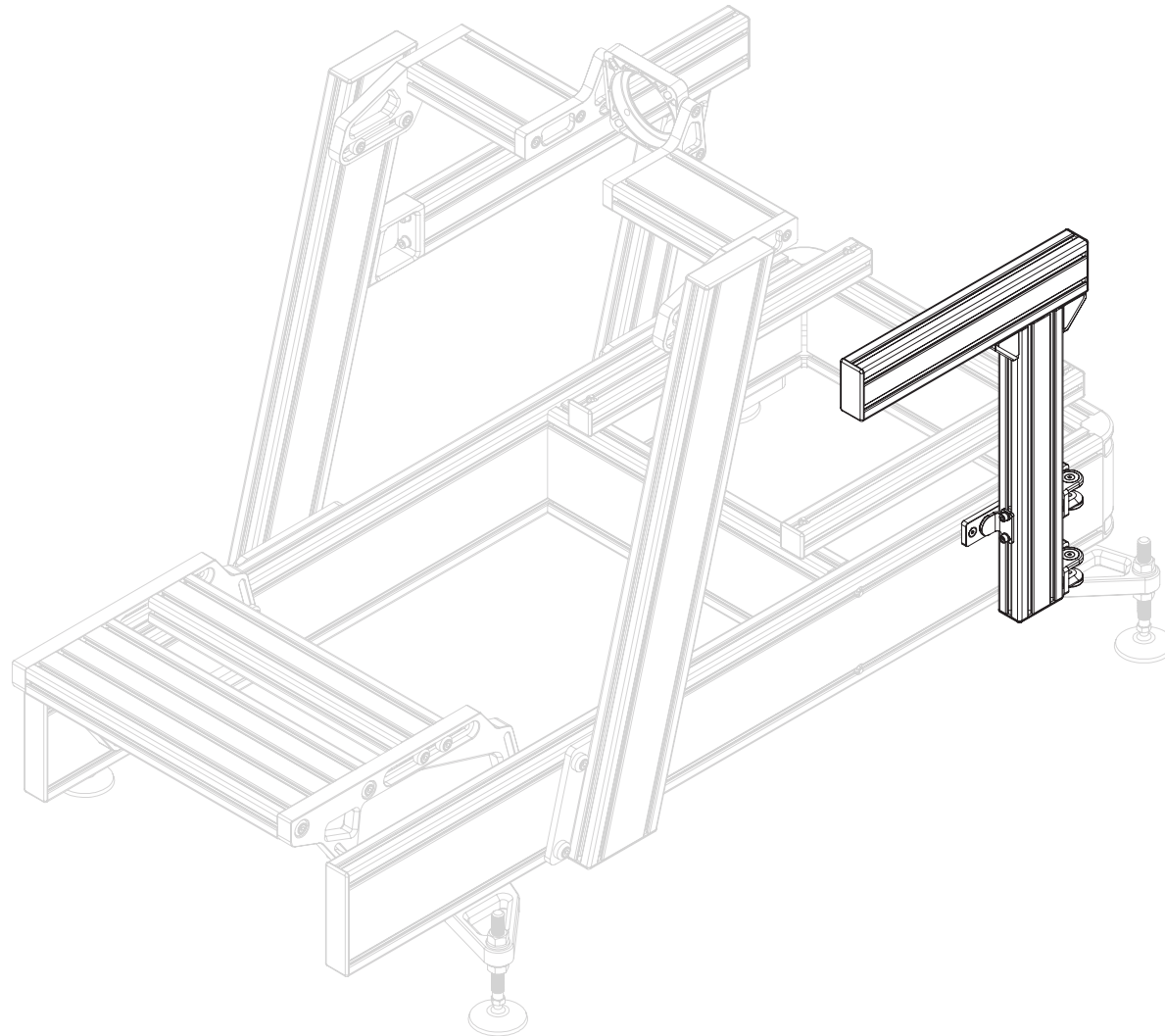# SIM LAB

## INSTRUCTION MANUAL



# SWIVEL MOUNTING POINT

## VERSION 1.01

Last updated: 18-12-2024

# BEFORE YOU START:

Thank you for purchasing this Sim-Lab product! On the following pages, you will find detailed instructions on assembly. This requires only a set of simple tools and some of your time. Please check the bill of materials before starting (page 9) and make sure all the parts are delivered.
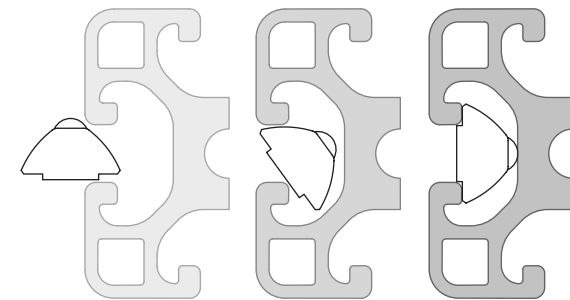
When adding side mounts, ease of entry is a recurring topic which customers bring up. We wanted to able to open and close the side mount, to get in and out of your cockpit more easily. Our magnetic catch keeps our swivel mounting point closed during use and solves this problem once and for all!

Please take heed of the warnings on the packaging/parts if these apply to you. Do not hesitate and ask for help or supervision during assembly, we value your health.
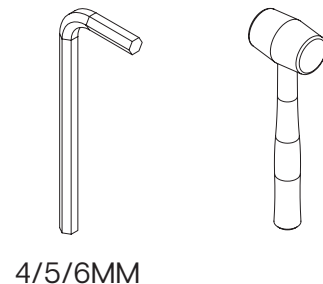
This product only consists of the what the name implies. To be able to mount joysticks or throttles, you will need to make an additional purchase of the appropriate accessory such as the 'Joystick Mount' or 'Throttle Mount'.
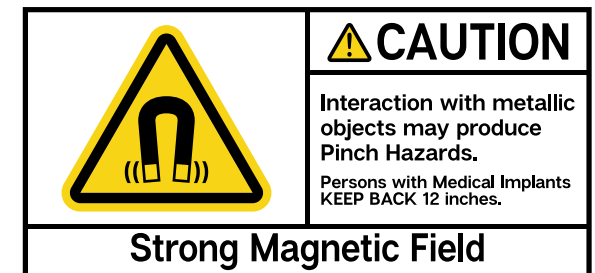
## Inserting Slot-Nuts:
You got excited, finished the build, put the caps on, but forgot to install one element. Do not worry. It happens to everyone. In this diagram, you can see how to insert a Slot-Nut directly into the slot from the side. You can also use one of your smaller Hex wrenches to help wiggle the Slot-Nut in place.
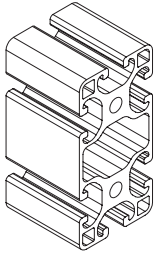
Tools needed:

4/5/6MM

**⚠ CAUTION**

Interaction with metallic objects may produce Pinch Hazards.
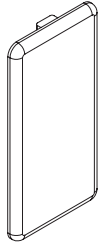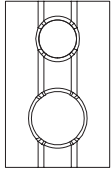
Persons with Medical Implants KEEP BACK 12 inches.

**Strong Magnetic Field**

400MM

Profile 80X40
End-Cap

Slot-Nut M8

1X

2X

2X

A2

A14

A8
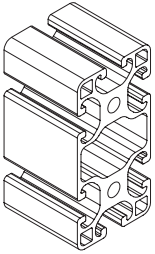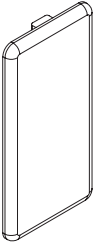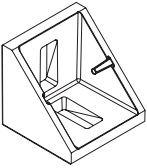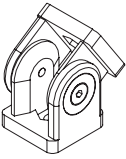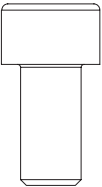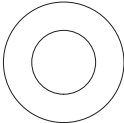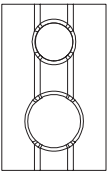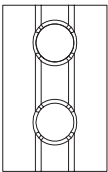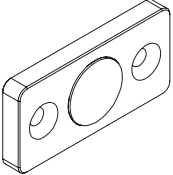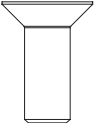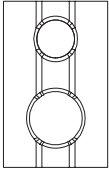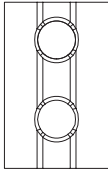
| 450MM | Profile 80X40 End-Cap | Corner Bracket | Joint 40 | M8 X 16 | Washer M8 | Slot-Nut M8 | Slot-Nut M6 (A15) |
|---|---|---|---|---|---|---|---|
| 1X | 1X | 2X | 2X | 4X | 2X | 4X | 2X |

A9

A7

A8

A9

A12

A5

A14

A15

A1

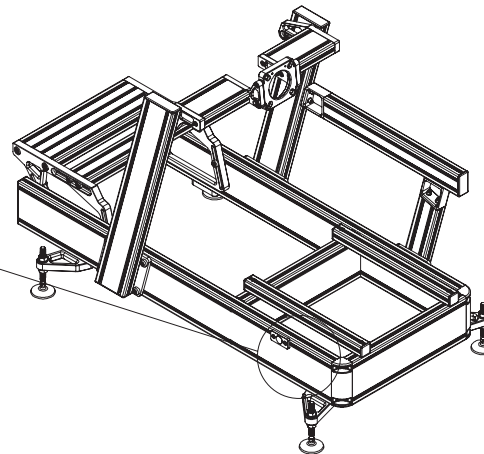| Magnet Base | M6 X 16 | Slot-Nut M8 | Slot-Nut M6 (A15) |
|:-----------:|:-------:|:-----------:|:-----------------:|
| 1X | 2X | 2X | 2X |

Please take care when handling this part. The included magnet is very strong.

A15

A11

A3

A14

Rubber pad
(Magnet on opposite side)

M8 X 16

2X

A9

M8 X 16    Washer M8

2X         2X

A12

A9

| Magnet Catch | Corner Bracket Cap | M6 X 16 | Washer M6 |
|:---:|:---:|:---:|:---:|
| 1X | 2X | 2X | 2X |

A6

A4

A15

A10
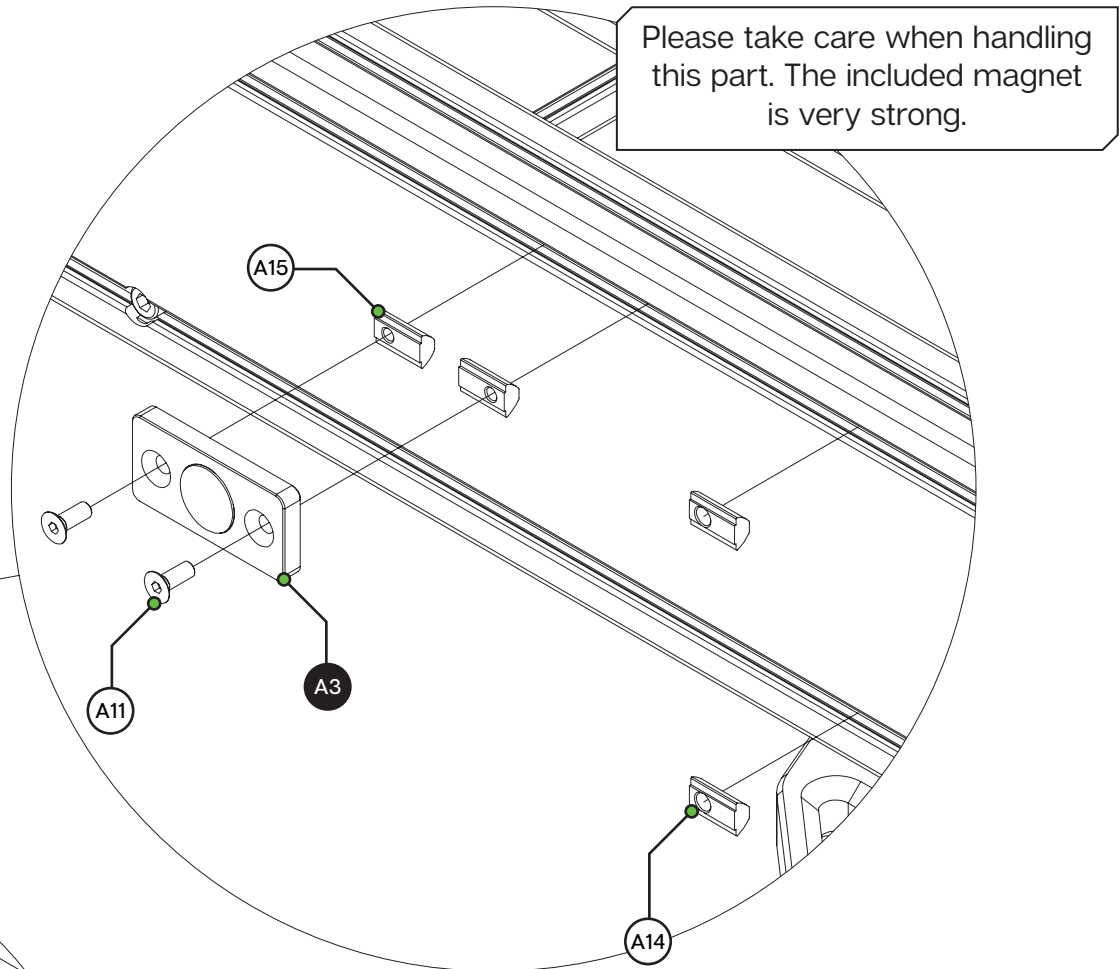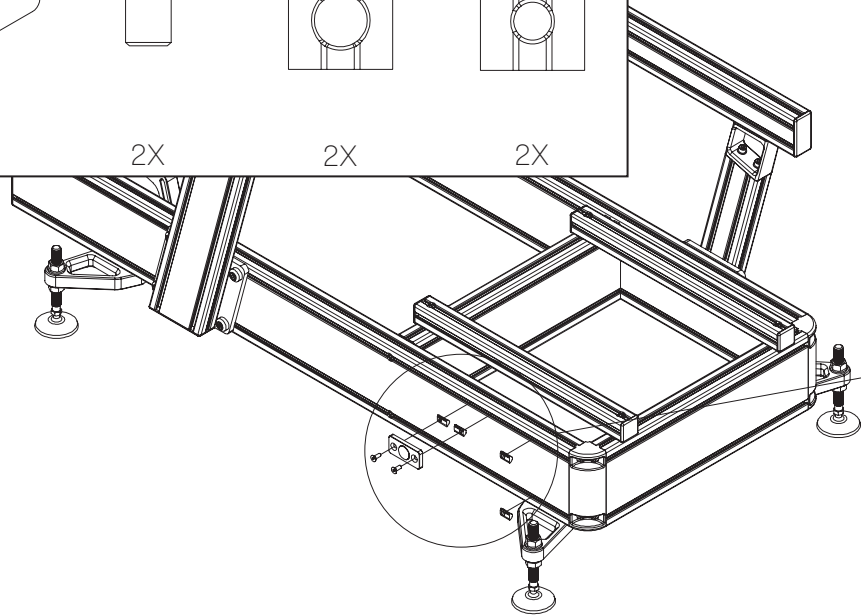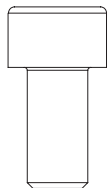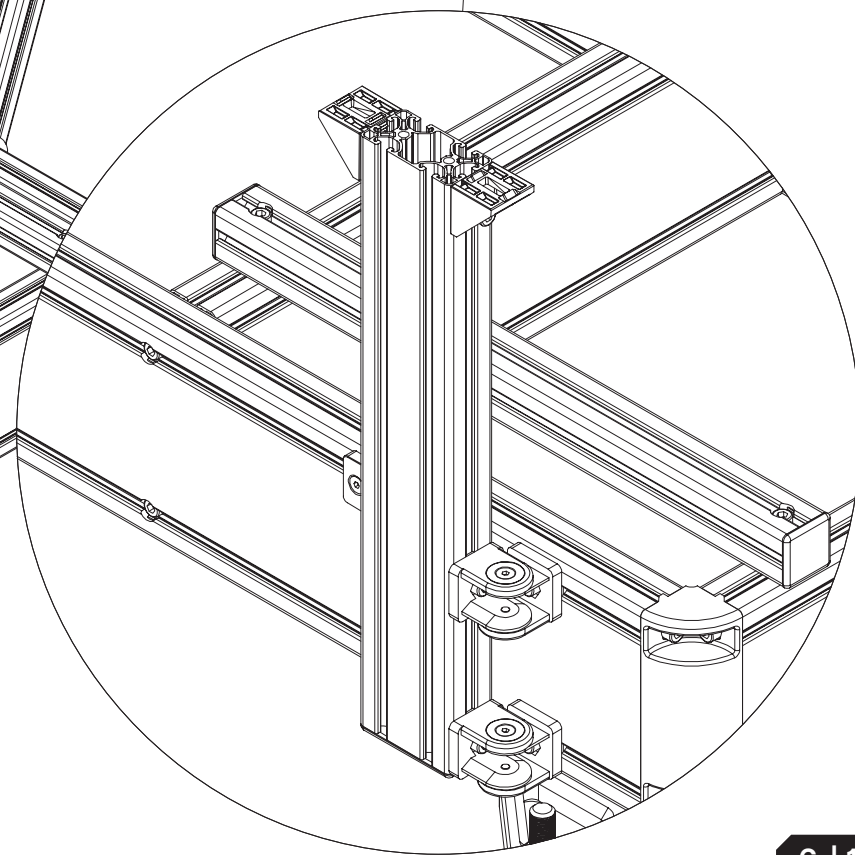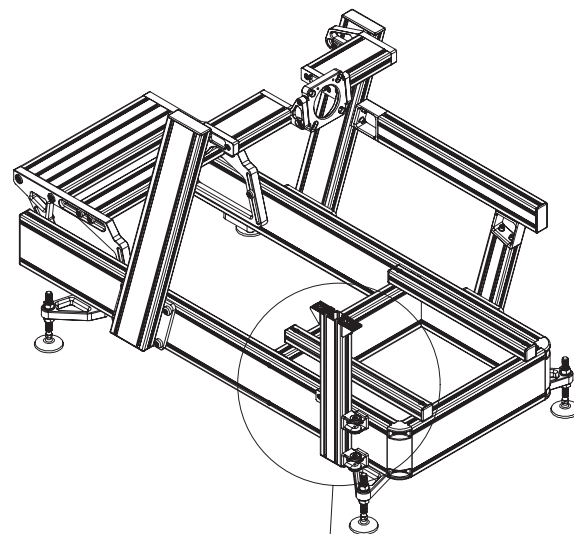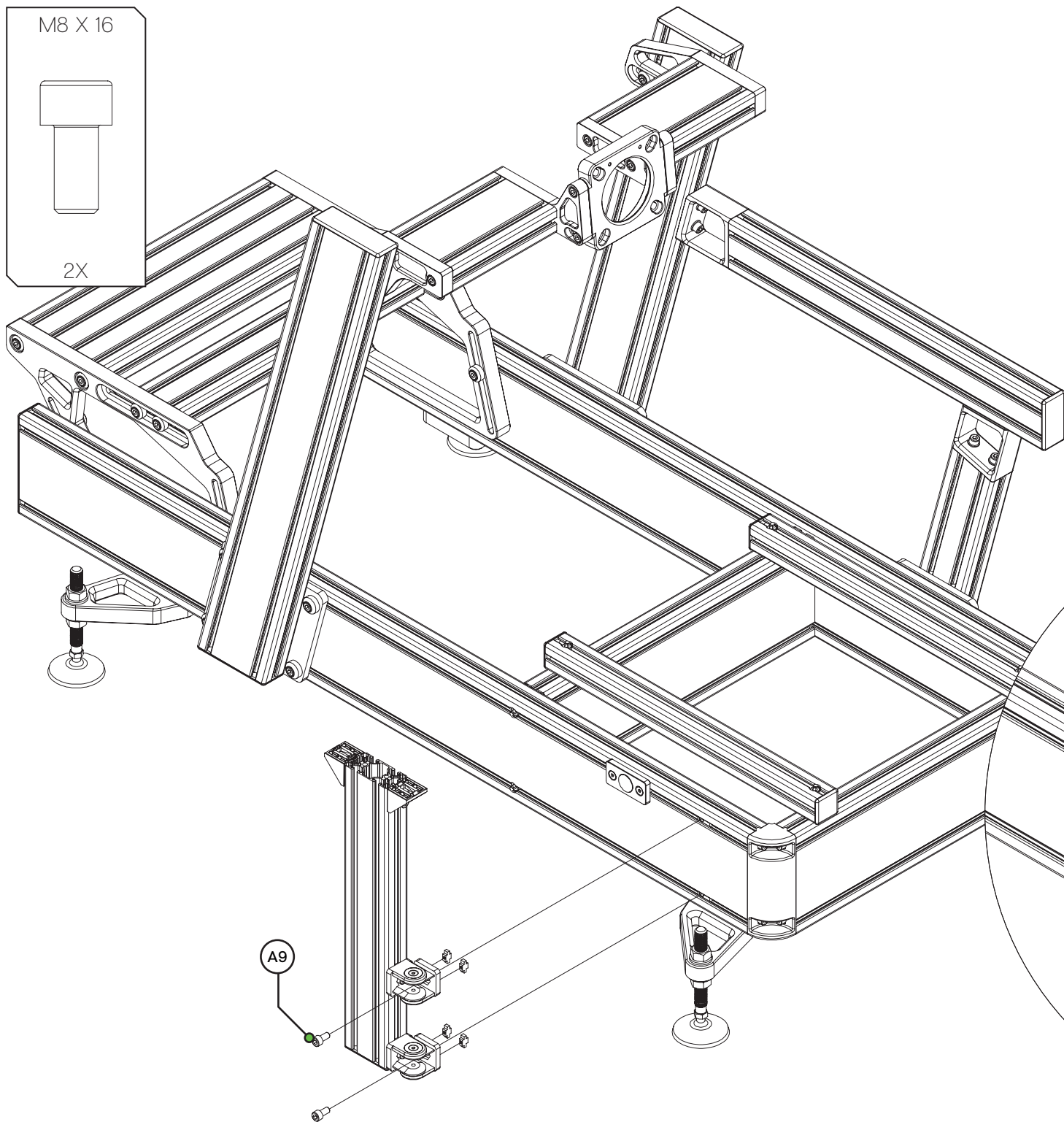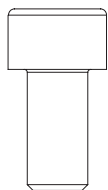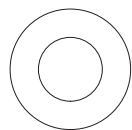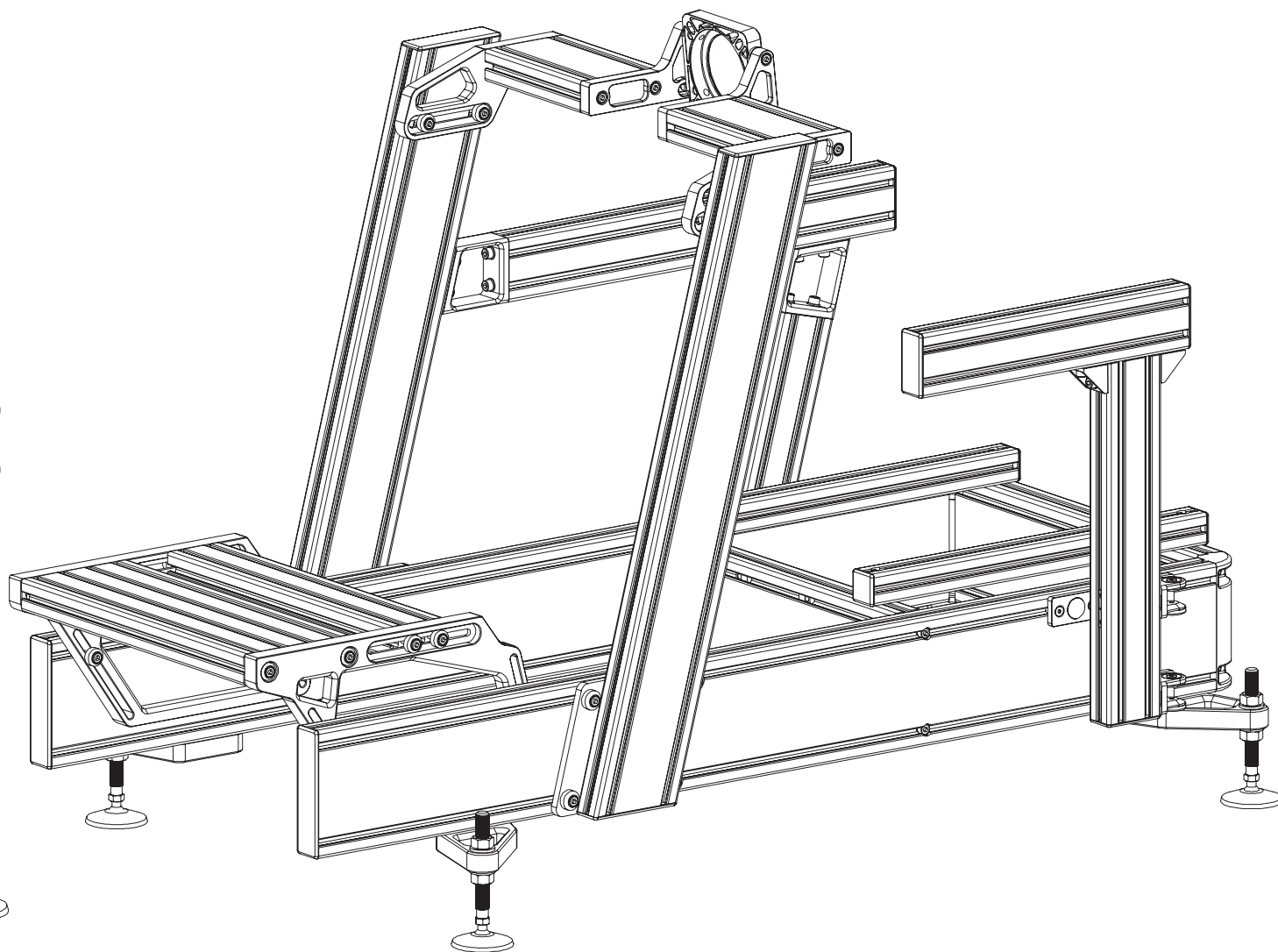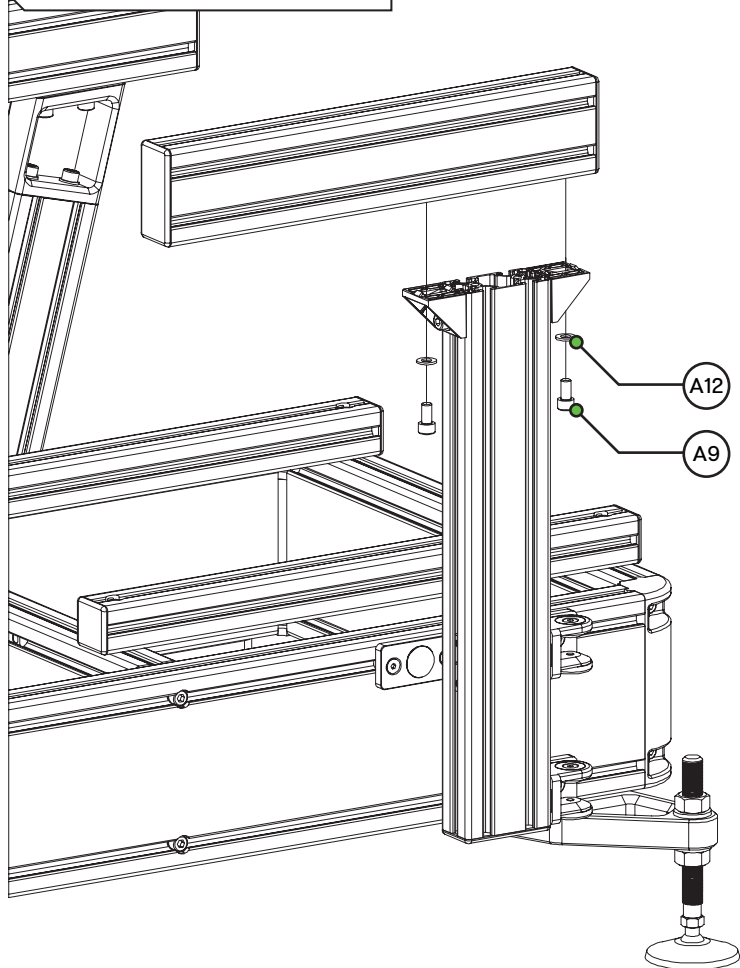
The magnet catch prevents the mounting point/side mount to swivel open during use.

Adjust the countersunk bolts on the joints top adjust their tension.

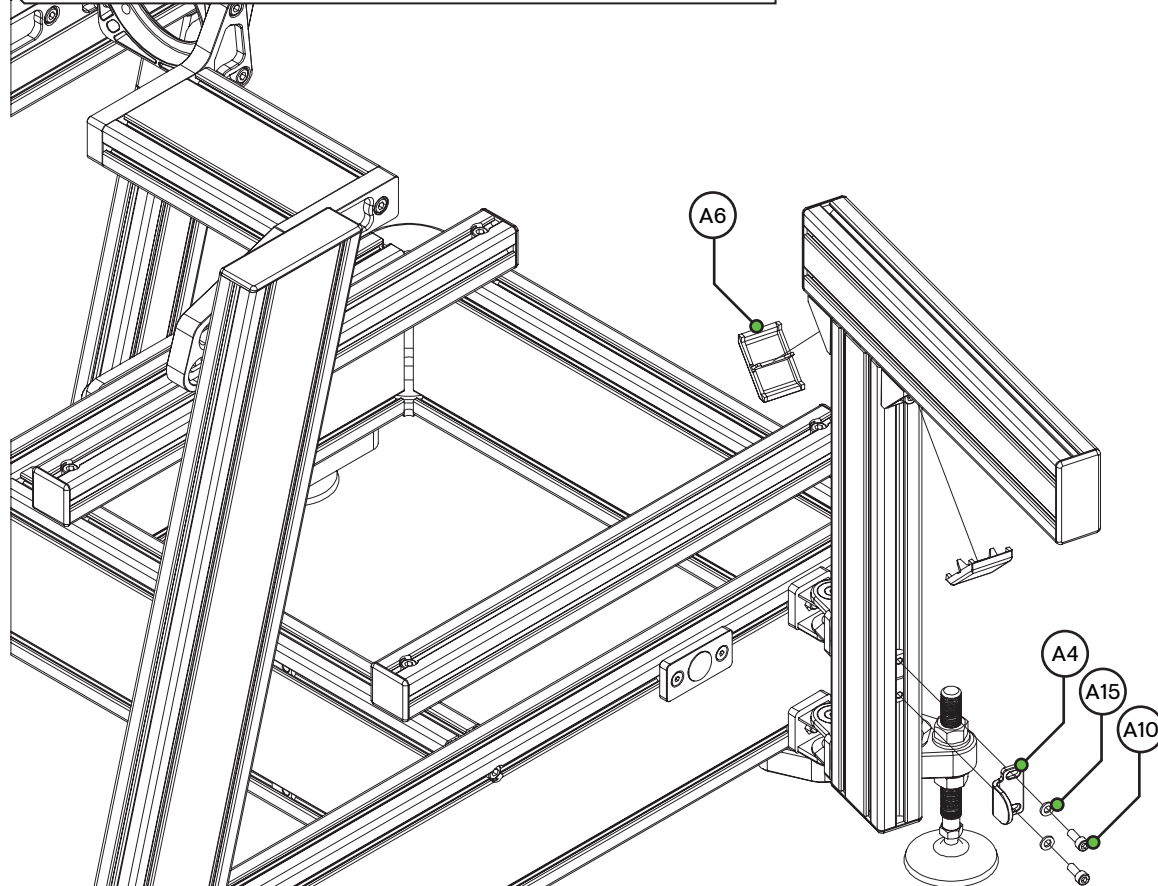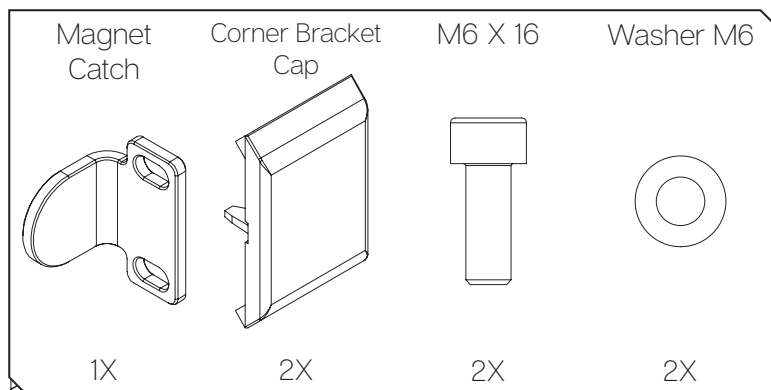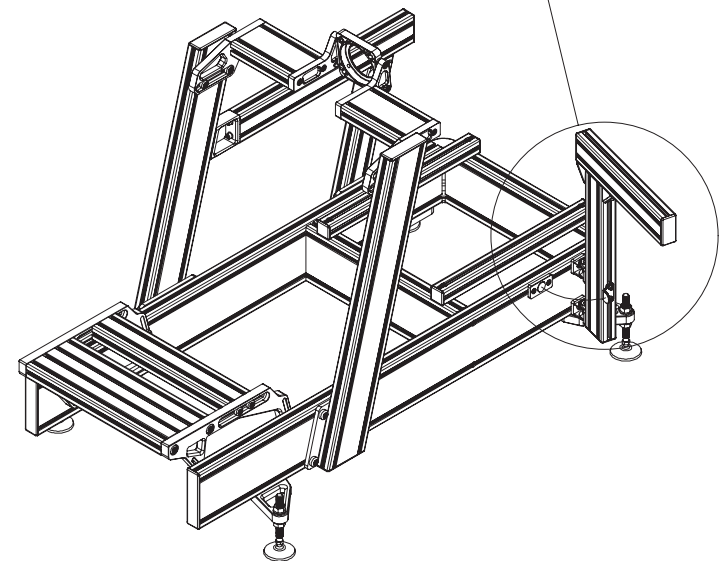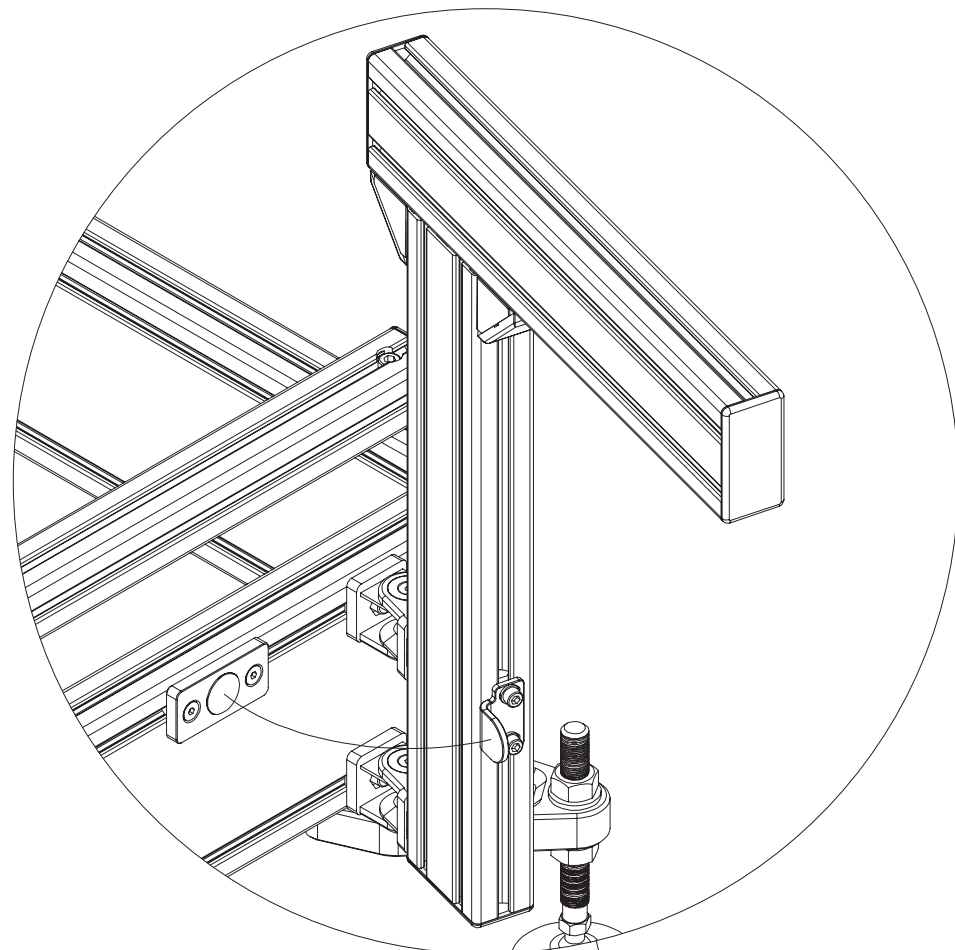| CENTER POST PROFILE KIT | | | |
|---|---|---|---|
| # | Part | QTY | Note |
| A1 | 80X40 Length=450mm | 1 | |
| A2 | 80X40 Length=400mm | 1 | |
| **HARDWARE KIT** | | | |
| A3 | Magnet base | 1 | |
| A4 | Magnet catch | 1 | |
| A5 | Corner bracket | 2 | |
| A6 | Corner bracket cap | 2 | |
| A7 | Joint 40 | 2 | |
| A8 | Profile 80x40 end-cap | 3 | |
| A9 | Bolt M8 X 16 DIN 912 | 8 | |
| A10 | Bolt M6 X 16 DIN 912 | 2 | |
| A11 | Bolt M6 X 16 DIN 7991 | 2 | |
| A12 | Washer M8 DIN 125-A | 4 | |
| A13 | Washer M6 DIN 125-A | 2 | |
| A14 | Slot-Nut M8 | 8 | |
| A15 | Slot-Nut M6 | 4 | |

If you still have some questions regarding assembly of this product or about the manual itself, please refer to our support department. They can be reached at

support@sim-lab.eu


Alternatively, we now have a Discord server where there are quite some experienced Sim-Lab customers hanging out. They might just help you along if you ask them nicely ;)

www.sim-lab.eu/discord


If you feel like printing this manual, please consider the environment before doing so. For the best results, make sure you print at 100% scale without borders.