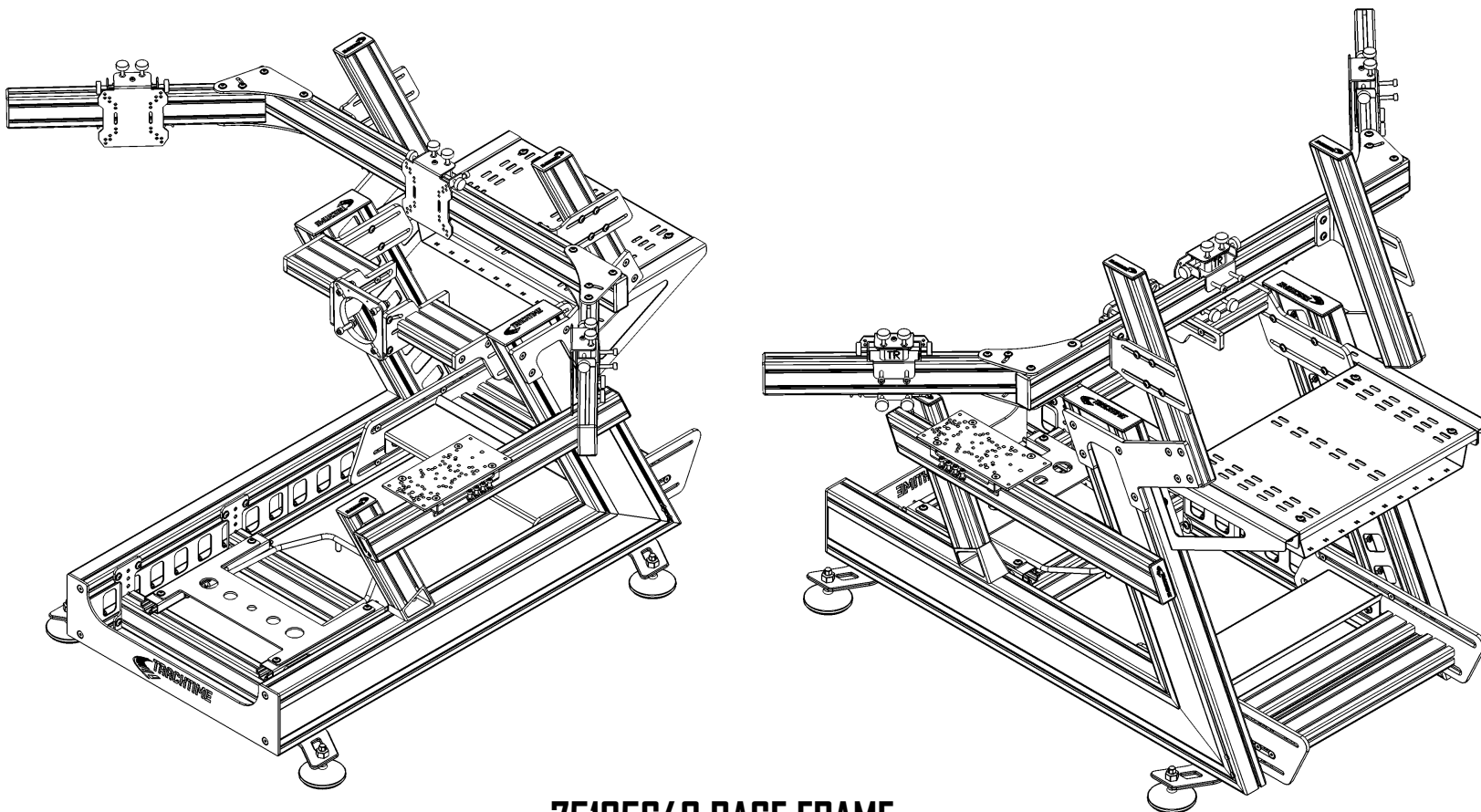


# **TRACKTIME**

series / pne



**75105648 BASE FRAME**

Version 3

# BEFORE STARTING THE BUILD

The following are needed for assembly:

- Soft base / underlay (scratch protection)
- A set of hex wrenches
- Ratchet with 13mm nut
- 24mm Open End Wrench or adjustable Wrench
- Rubber Mallet
- Tape measure /ruler
- Scissors
- A buddy who can lend a hand

**Read the manual first. All remarks are important and could help you avoid problems.**

Use BOM (Bill of Material) to find the sizes and lengths of the parts.



# BEFORE STARTING THE BUILD

**NOTE: This kit comes with an extra bag of screws**

Please open the original bags of following boxes, keep the end-caps and t-nuts, and discard the original screws.

75105648 Baseframe

Use the extra replacement screws instead; the original ones did not meet our requirements for quality.

The screws that are provided with the pedal unit and the wheel units are ok and mustn't be discarded.



# TABLE OF CONTENT

|    |                                  |    |
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# STANDARD SEATING POSITION

Reference: Male, 180 cm (avg. Germany, age 30–40) ▪ Racing / GT Position

| BODY REFERENCE MEASUREMENTS |        |
|-----------------------------|--------|
| Measurement                 | Value  |
| Body Height                 | 180 cm |
| Inseam Length               | 86 cm  |
| Torso Length                | 59 cm  |
| Arm Length                  | 68 cm  |
| Shoulder Width              | 42 cm  |

| GT / RACING SEATING ANGLES |          |
|----------------------------|----------|
| Parameter                  | Value    |
| Backrest Angle             | 20–25°   |
| Knee Angle                 | 110–120° |
| Hip Angle                  | 90–100°  |
| Elbow Angle at Wheel       | 90–120°  |
| Foot Angle at Pedal        | 90–100°  |

| STEERING WHEEL POSITION |                |
|-------------------------|----------------|
| Parameter               | Value          |
| Wheel Center Height     | 28–32 cm       |
| Wheel Distance (chest)  | 35–45 cm       |
| Wheel Tilt              | 0–10° rearward |

| PEDAL POSITION        |          |
|-----------------------|----------|
| Parameter             | Value    |
| Pedal Distance (heel) | 85–95 cm |

**NOTE:** All values are starting points for a driver of 180 cm. Adjust pedal distance and backrest angle to your individual body proportions. Key rule: knee angle 110–120°, elbows slightly bent at the wheel.

# STANDARD SEATING POSITION - FORMULA

Reference: Male, 180 cm (avg. Germany, age 30-40) ▪ Formula / Open-Wheel Position

| BODY REFERENCE MEASUREMENTS |        |
|-----------------------------|--------|
| Measurement                 | Value  |
| Body Height                 | 180 cm |
| Inseam Length               | 86 cm  |
| Torso Length                | 59 cm  |
| Arm Length                  | 68 cm  |
| Shoulder Width              | 42 cm  |

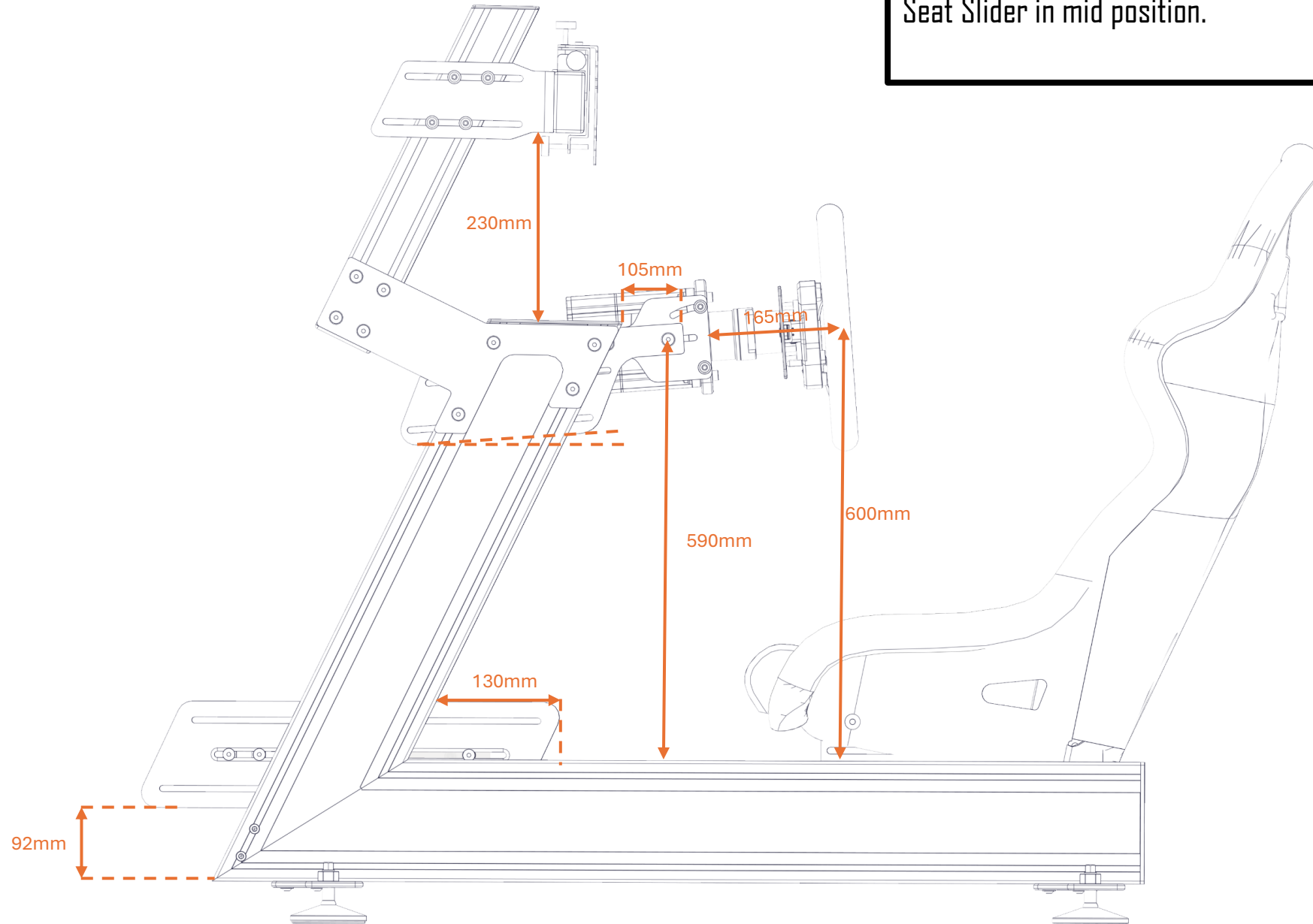
| FORMULA SEATING ANGLES |          |
|------------------------|----------|
| Parameter              | Value    |
| Backrest Angle         | 40-45°   |
| Knee Angle             | 120-135° |
| Hip Angle              | 110-120° |
| Elbow Angle at Wheel   | 90-120°  |
| Foot Angle at Pedal    | 90-100°  |

| STEERING WHEEL POSITION |               |
|-------------------------|---------------|
| Parameter               | Value         |
| Wheel Center Height     | 15-22 cm      |
| Wheel Distance (chest)  | 55-70 cm      |
| Wheel Tilt              | 0-5° rearward |

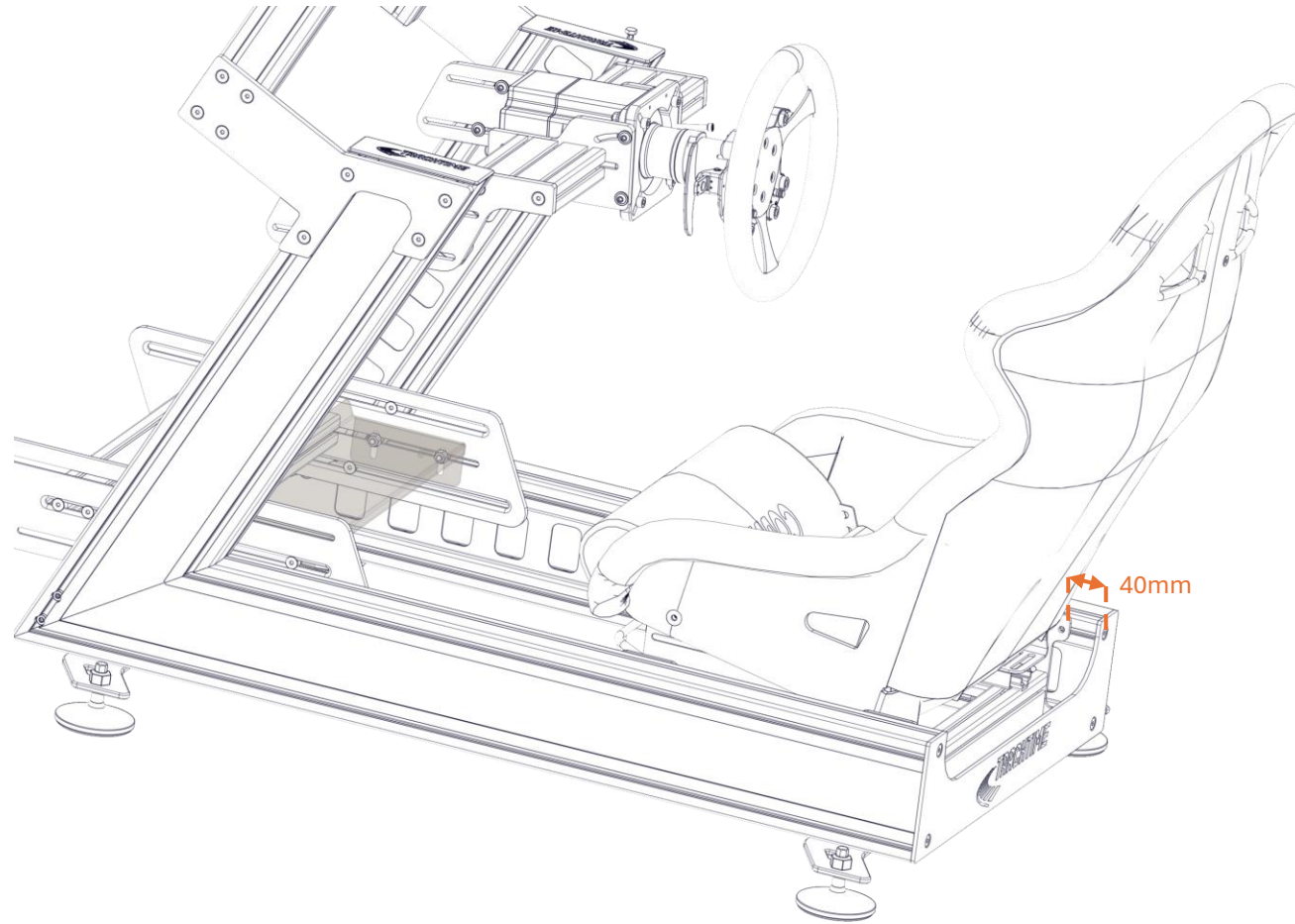
| PEDAL POSITION        |           |
|-----------------------|-----------|
| Parameter             | Value     |
| Pedal Distance (heel) | 90-100 cm |

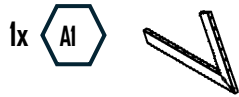
**NOTE:** All values are starting points for a driver of 180 cm. Adjust pedal distance and backrest angle to your individual body proportions. Key rule: knee angle 120-135°, elbows slightly bent at the wheel.

These are the standard mounting positions you can use as a starting point. We testet with a 180cm tall driver. Seat Slider in mid position.

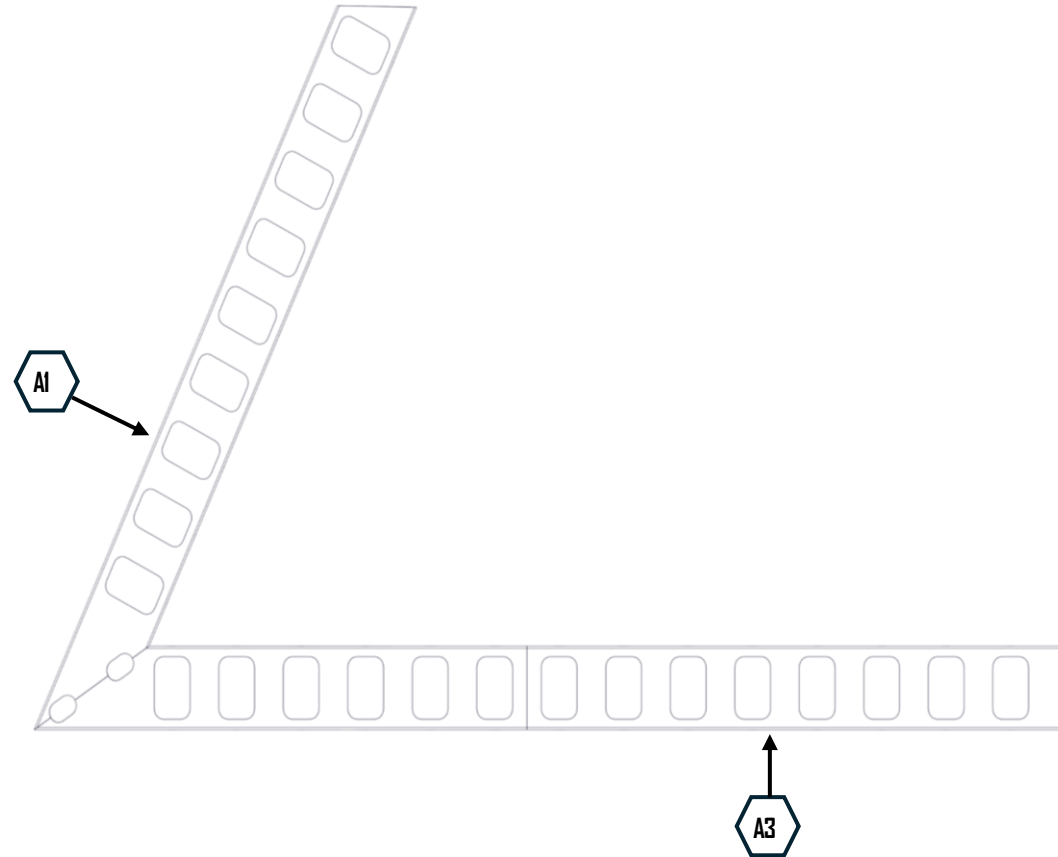


These are the standard mounting positions you can use as a starting point. We testet with a 180cm tall driver. Seat Slider in mid position.





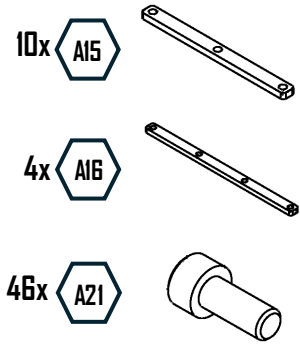
Arrange the (AI) Baseangle +(A3) Baseprofile on a flat, protected and soft surface



RIGHT Side

BASEFRAME

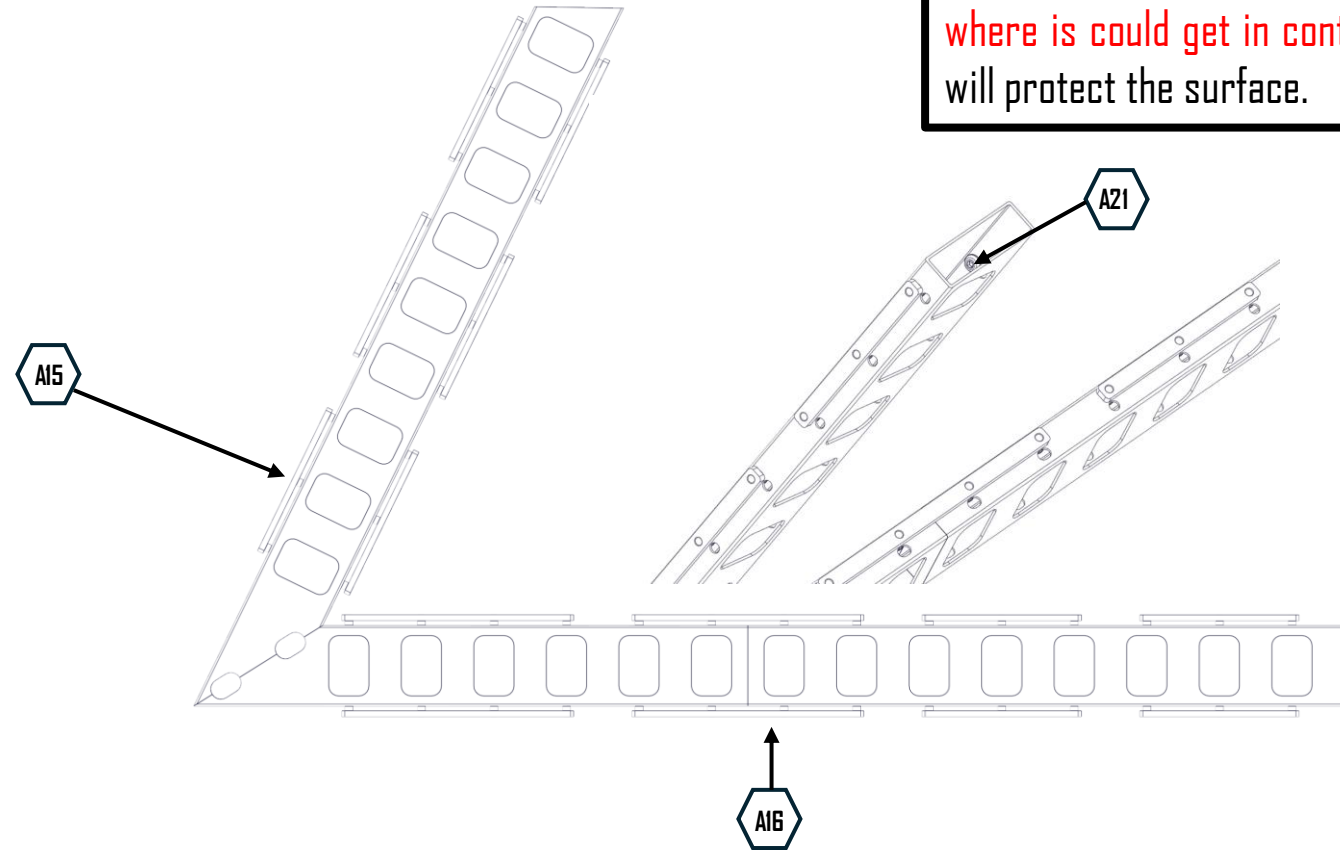
# 10 / 43



Only fasten the (A21) M8x12 screws by one turn so that the T-nut can slide into the aluminium profiles.

Use the outer holes in (A1) and (A3).

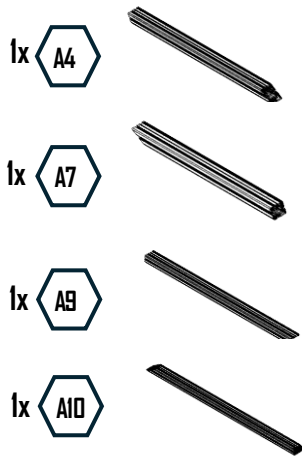
Please wrap some electrical tape around the allen key where it could get in contact with the Frame parts. That will protect the surface.



RIGHT Side

BASEFRAME

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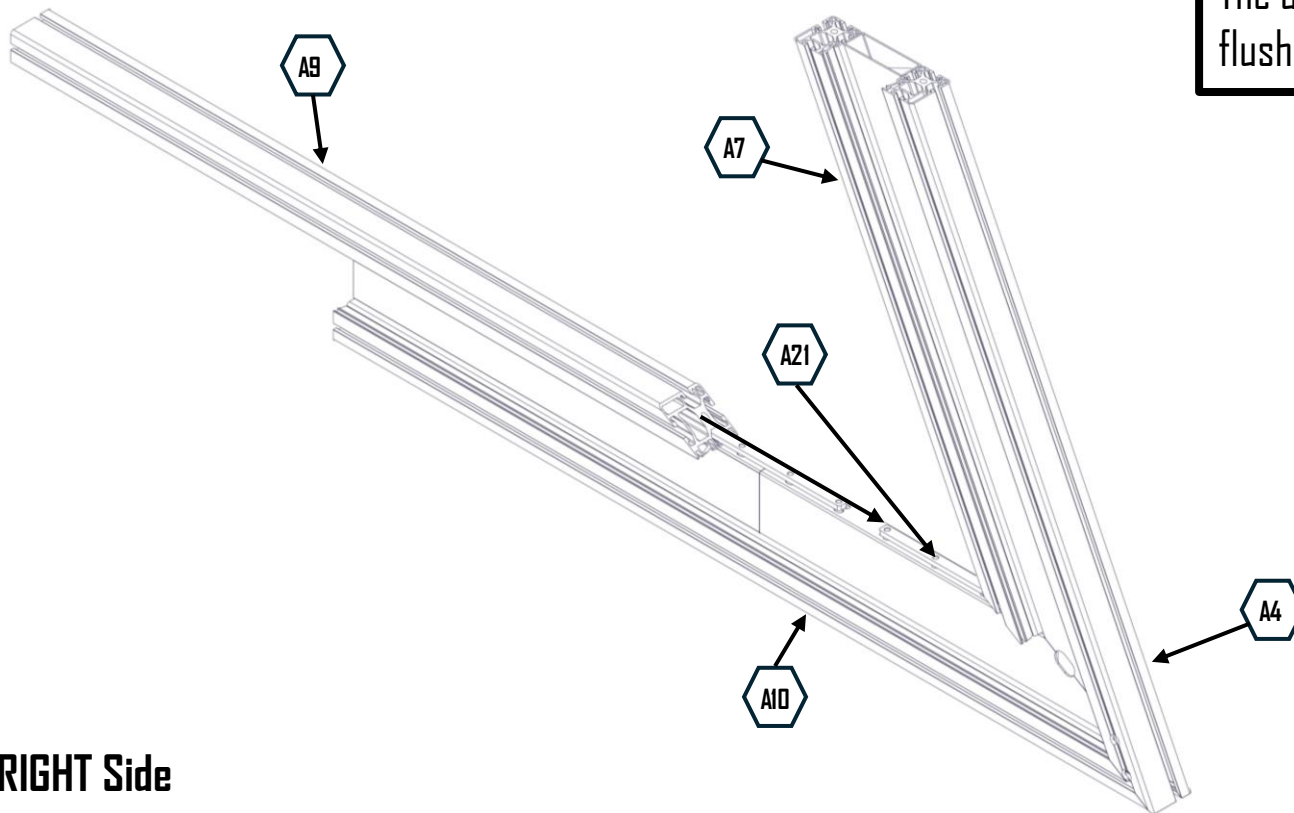
A4 = 817mm

A7 = 636mm

A9 = 1022mm

A10 = 1218mm

**T-Slot on the left side!**



**RIGHT Side**

Carefully slide all four aluminium extrusions over the prepared T-nuts.

If you encounter any resistance, slightly loosen the nearest (A21) screw.

Then, tighten all 48 (A21) screws.

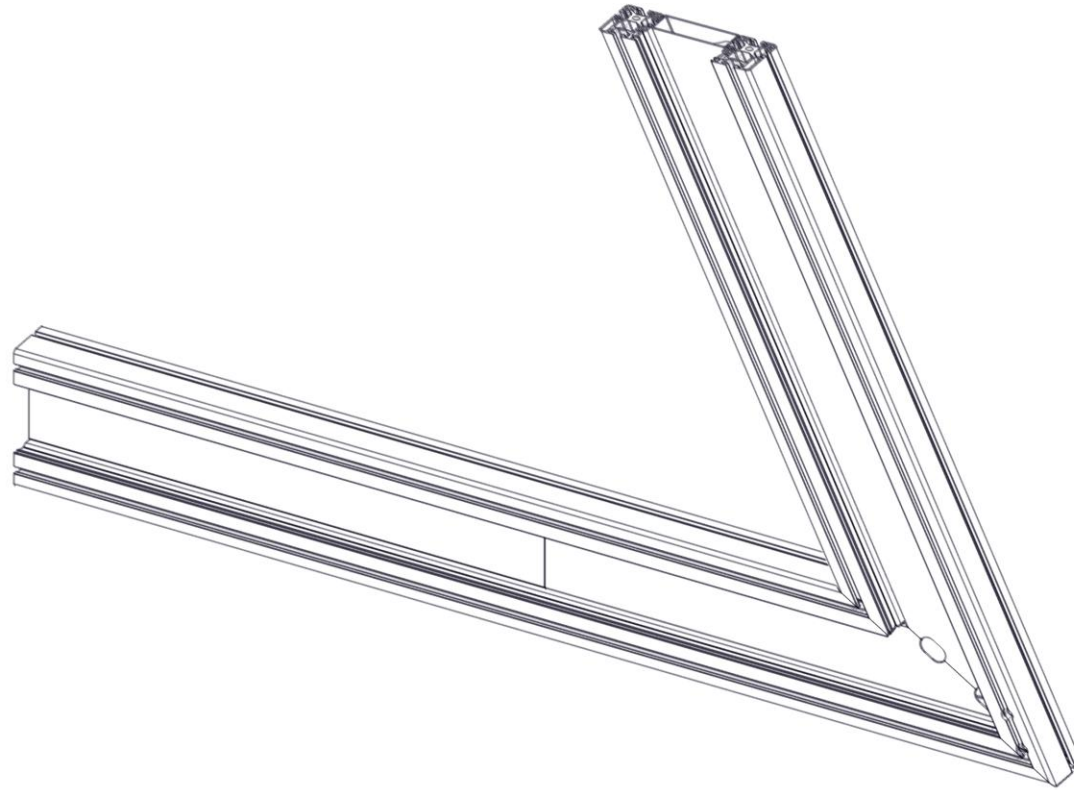
The aluminium extrusions and base frame parts should fit flush at the rear and top.

**BASEFRAME**

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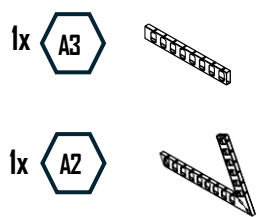
You have finished the right-hand frame.

Now let's follow the same steps for the left frame

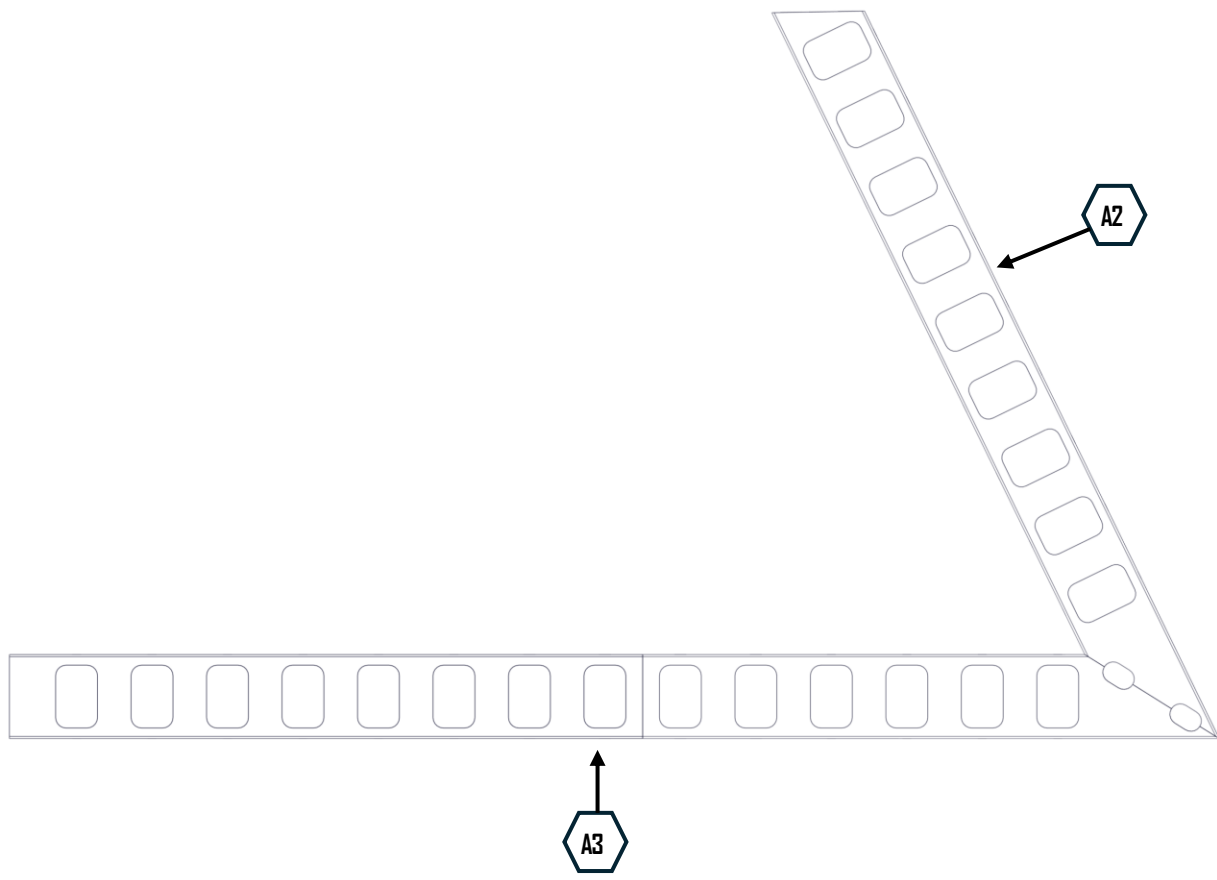


RIGHT Side

BASEFRAME

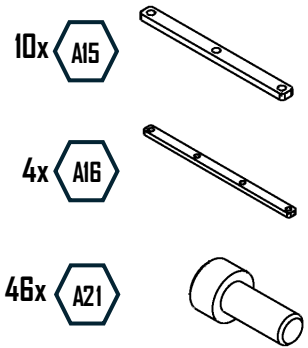


Arrange the (A2) base angle and the (A3) base profile on a flat, protected surface.



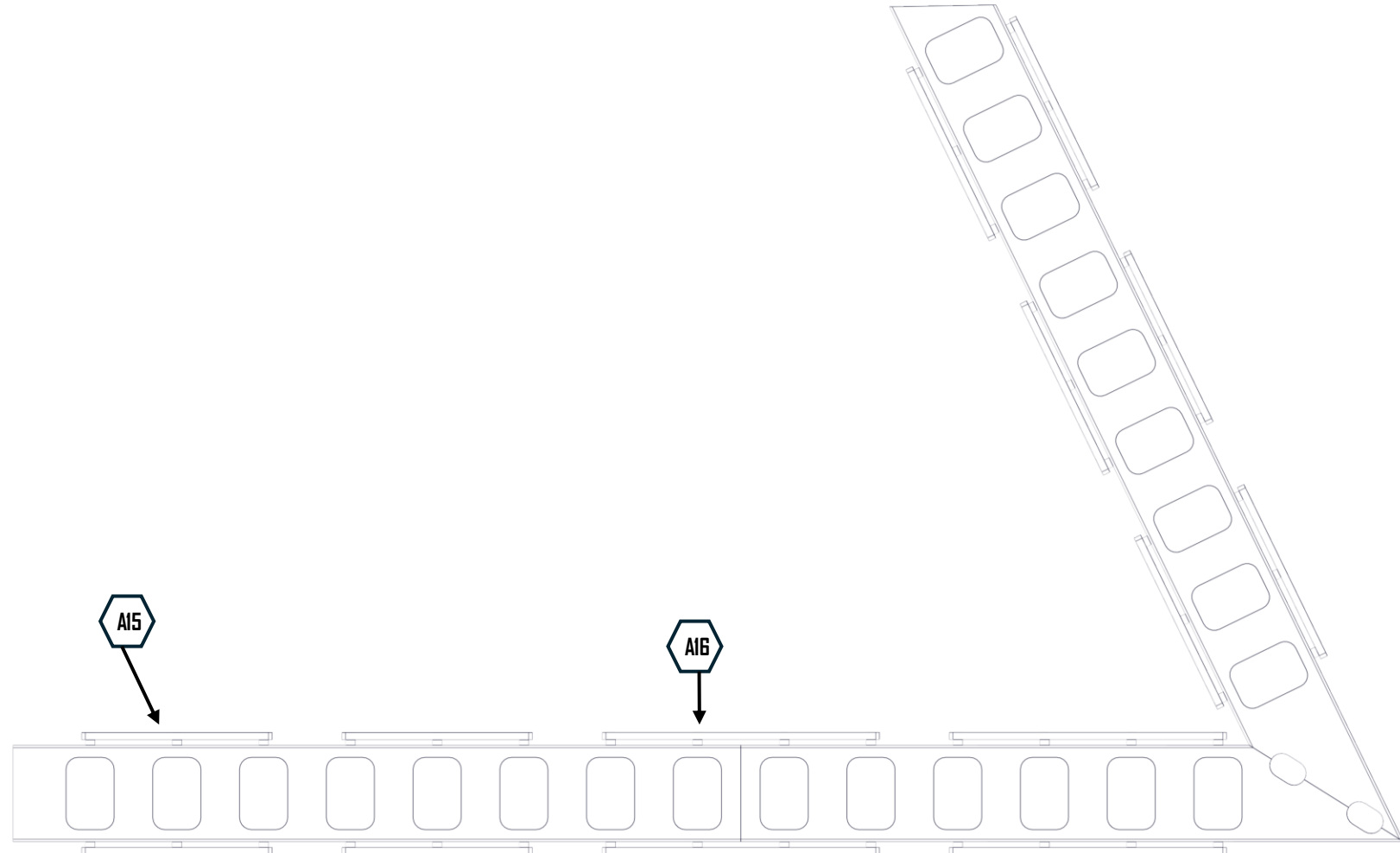
LEFT Side

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Only fasten the (A21) M8x12 screws by one turn so that the T-nut can slide into the aluminium profiles.

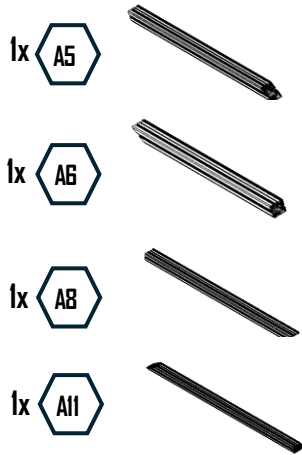
Use the outer holes in (A1) and (A3).



LEFT Side

BASEFRAME

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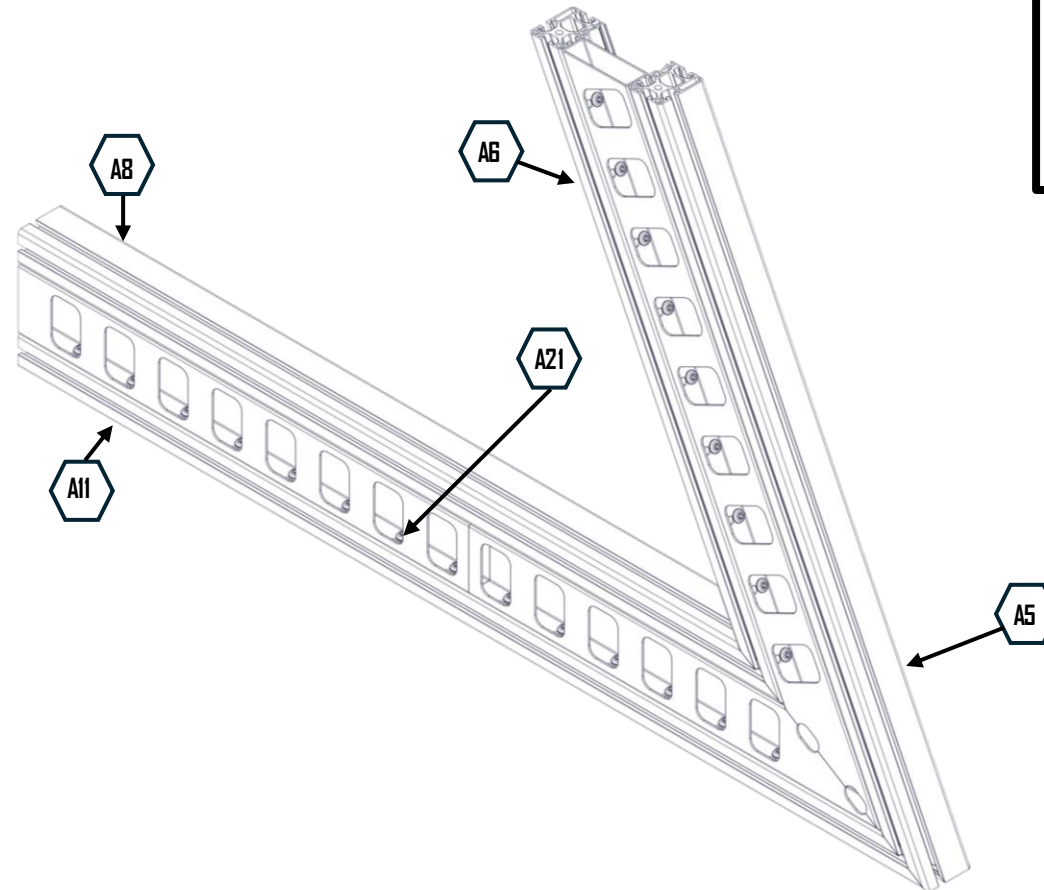
A5 = 817mm

A6 = 636mm

A8 = 1022mm

A11 = 1218mm

**T-Slot on the right side!**



Carefully slide all four aluminium extrusions over the prepared T-nuts.

If you encounter any resistance, slightly loosen the nearest (A21) screw. Then, tighten all 48 (A21) screws.

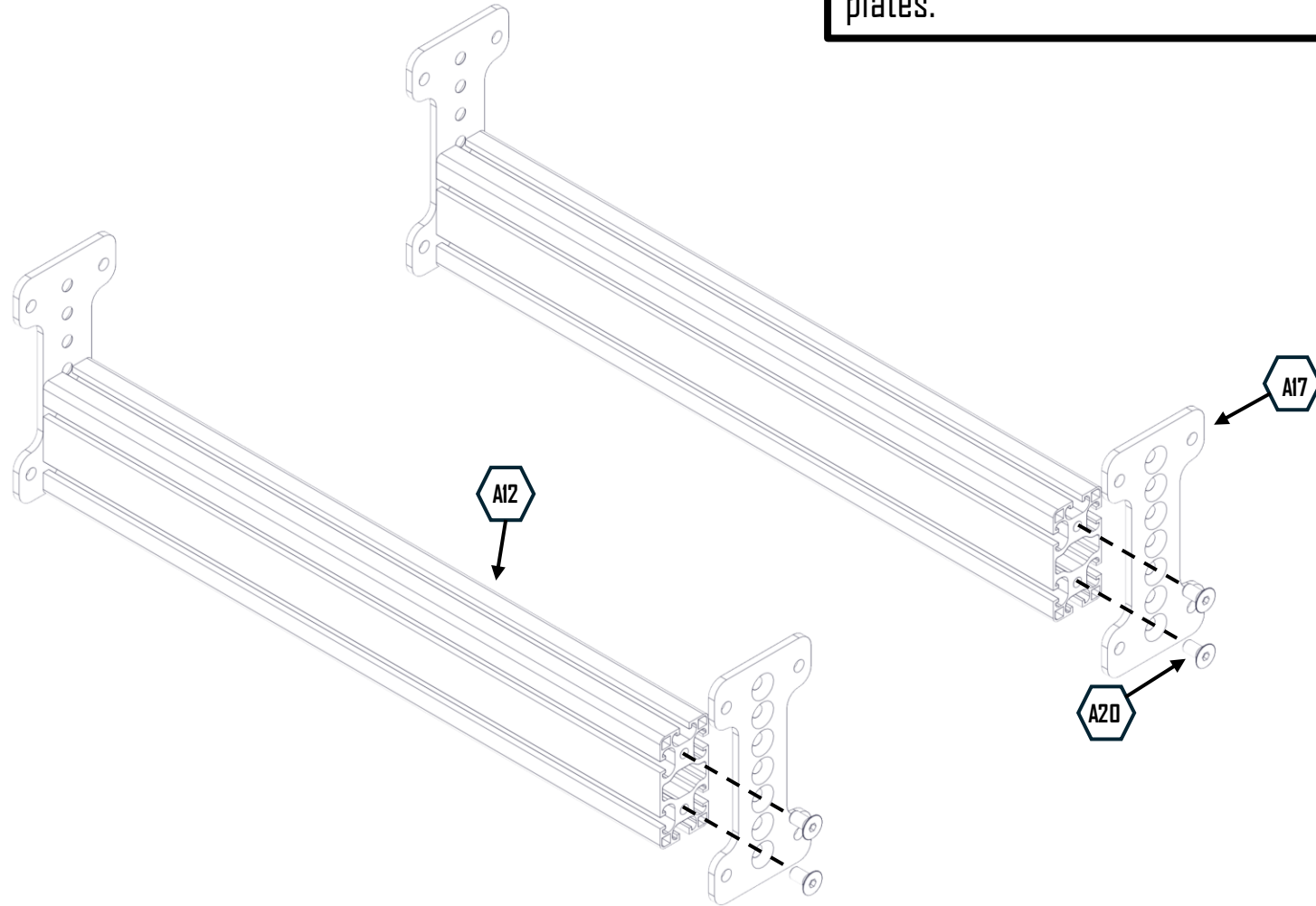
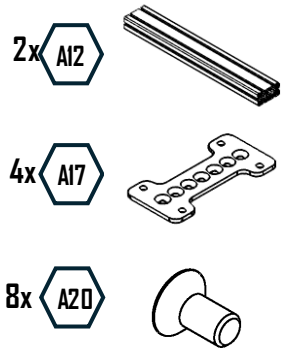
The aluminium extrusions and base frame parts should fit flush at the rear and top.

You have finished the left frame.

**LEFT Side**

**BASEFRAME**

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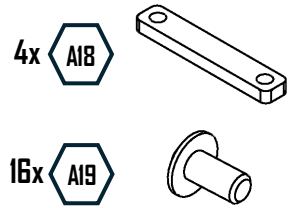


Connect all four plates to the ends of the aluminium extrusions using the (A20) M8x16 countersunk screws.

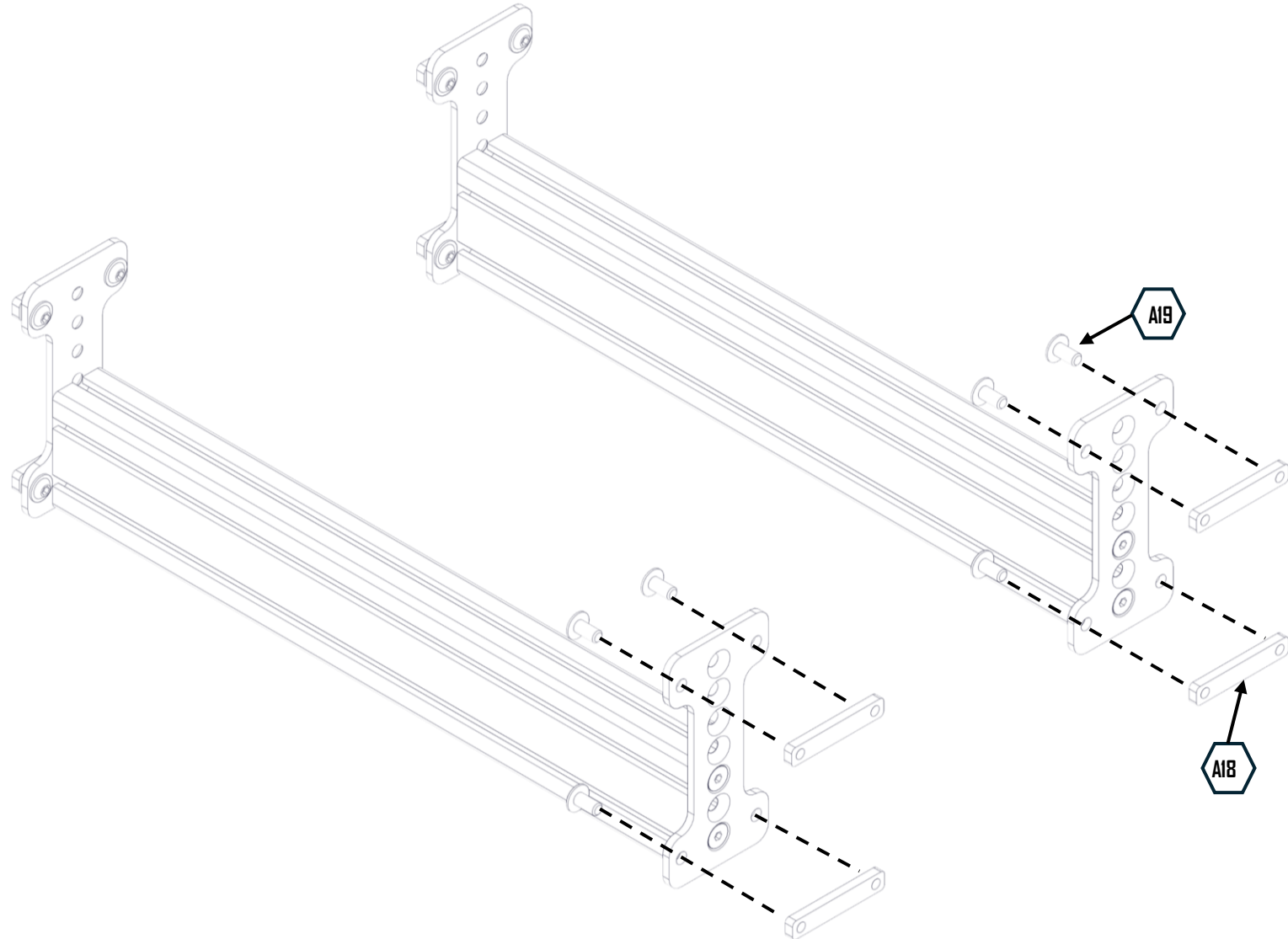
You can vary the seating height by choosing a different mounting position. This must be the same for all four plates.

BASEFRAME

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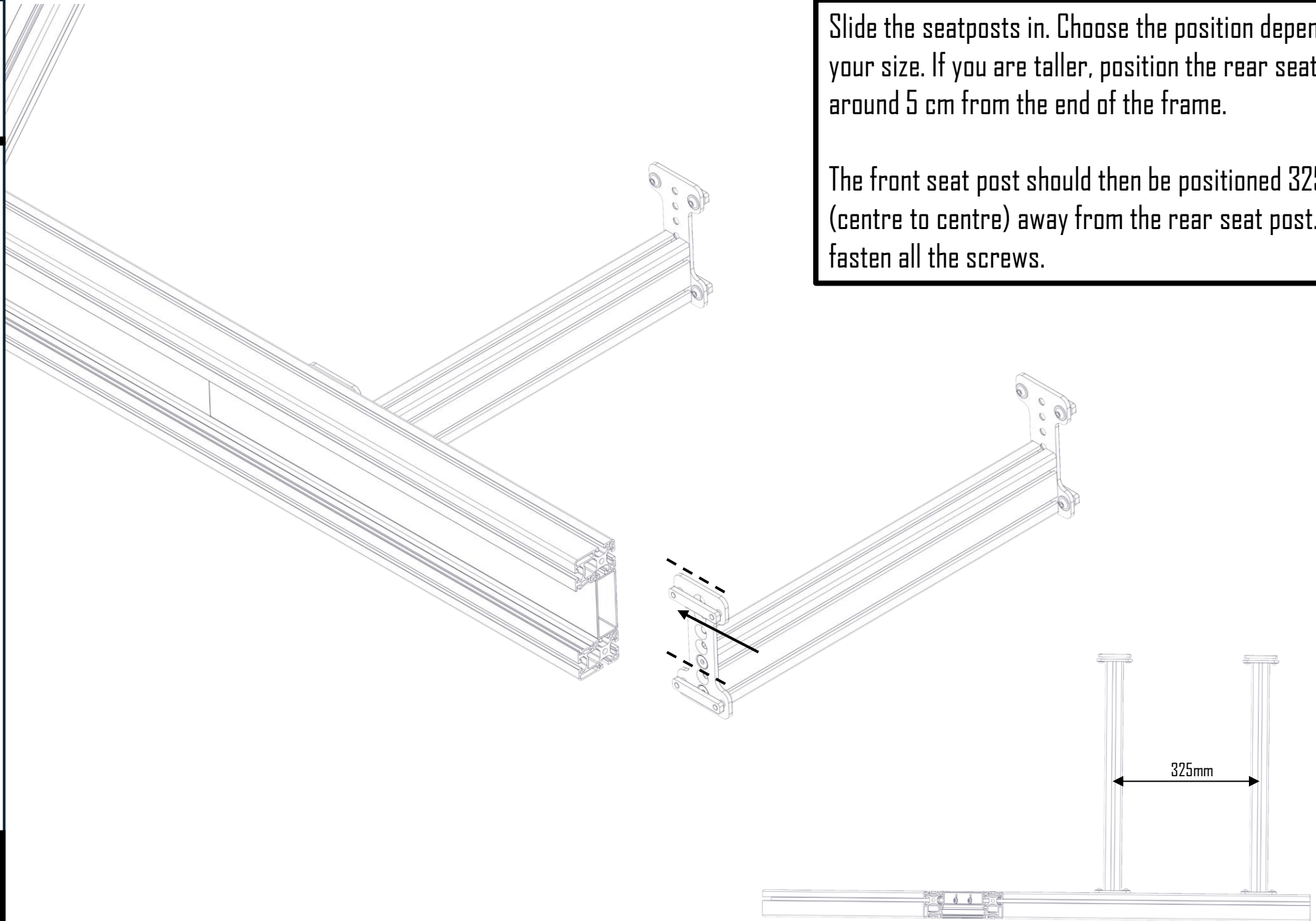
As with the frame parts, only tighten the die screws by one turn so that the complete unit can slide easily into the frame in step 10.



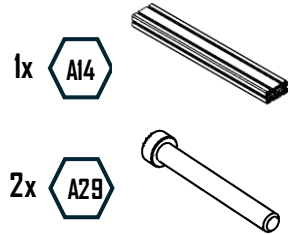
BASEFRAME

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BASEFRAME



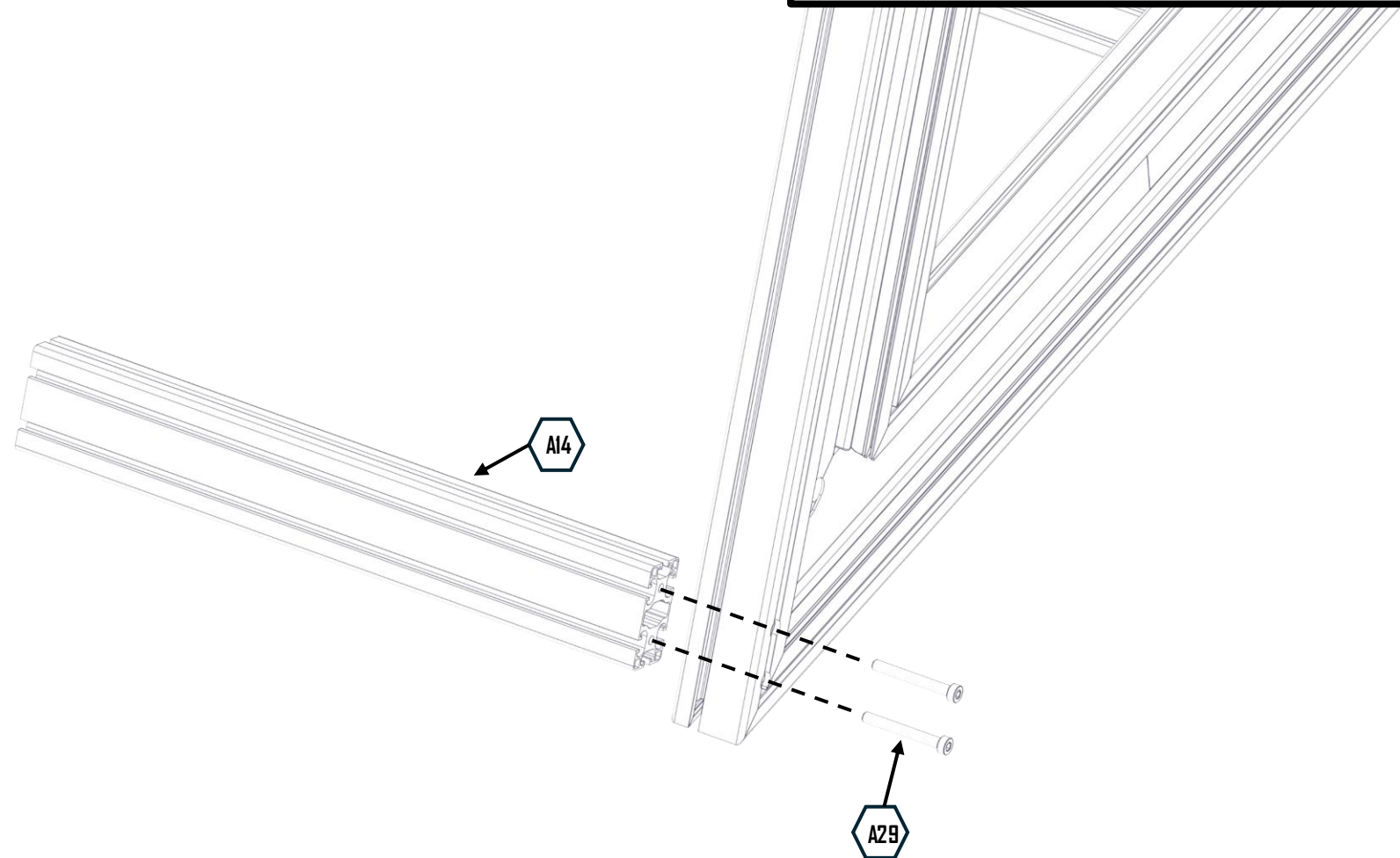
# 19/ 43



Connect the (A14) support bar with the (A29) M8x65 cylinder screws.

**Do not tighten them now.**

We will tighten them once the pedal unit has been mounted

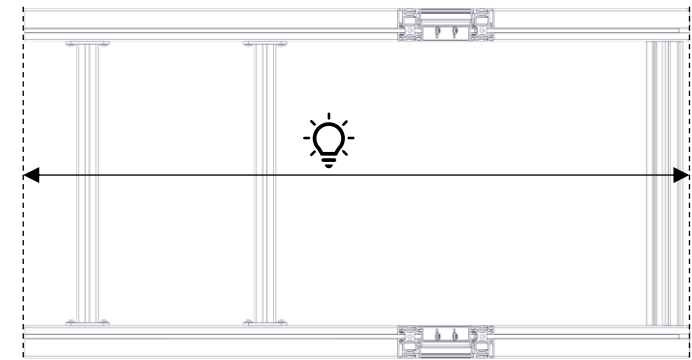
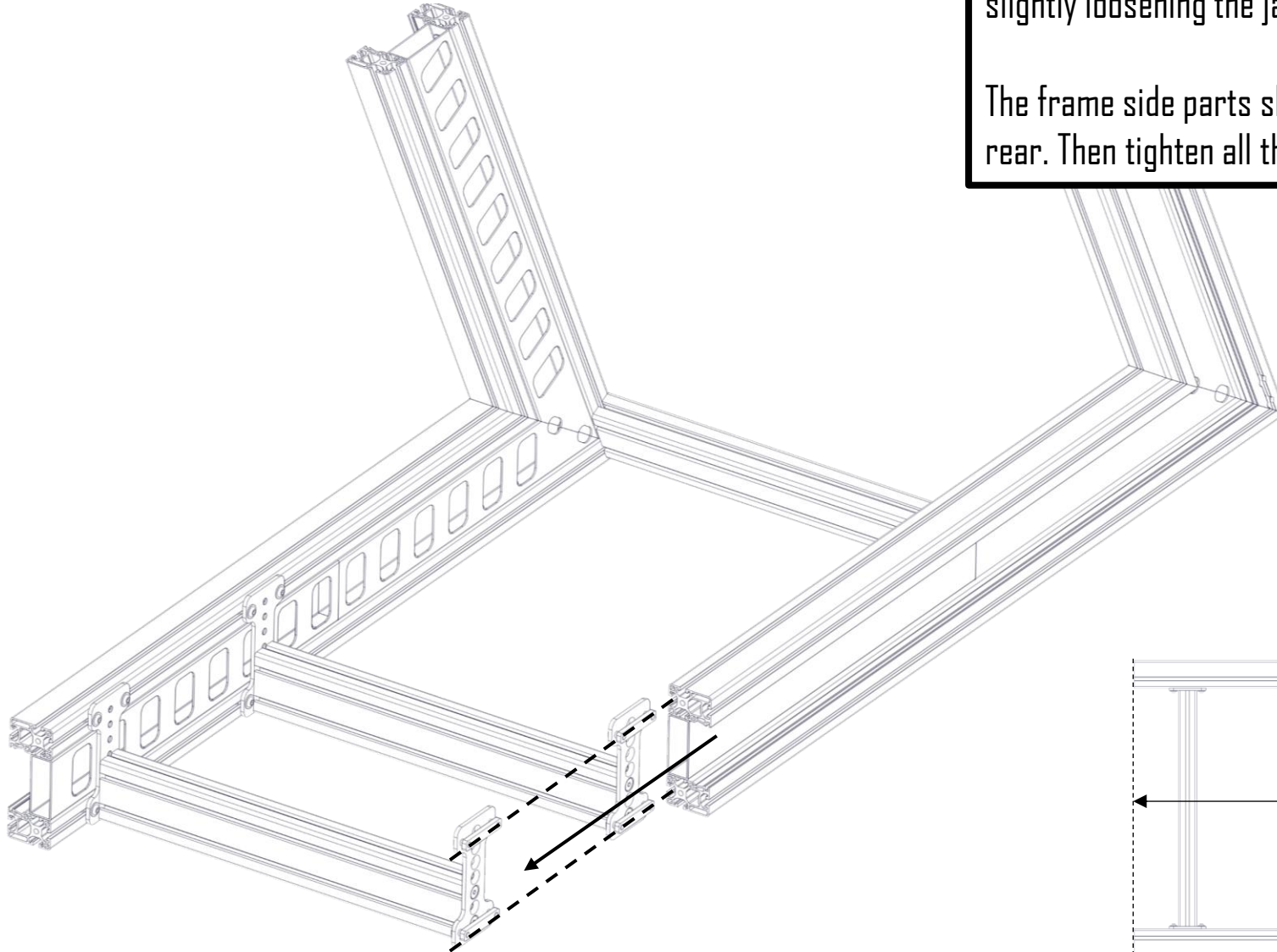


BASEFRAME

With the help of your working buddy, carefully slide the right frame part onto the other frame part.

As before, take your time and remove any blockages by slightly loosening the jammed T-nut

The frame side parts should be flush at the front and rear. Then tighten all the screws.



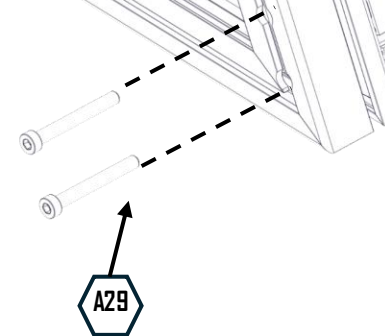
21 / 43



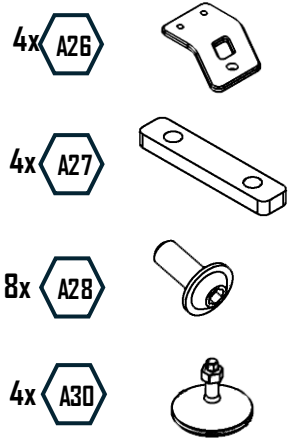
Connect support bar (A14) to the (A29) M8x65 cylinder screws.

**Do not tighten them now.**

We will tighten them later, once the pedal unit has been mounted



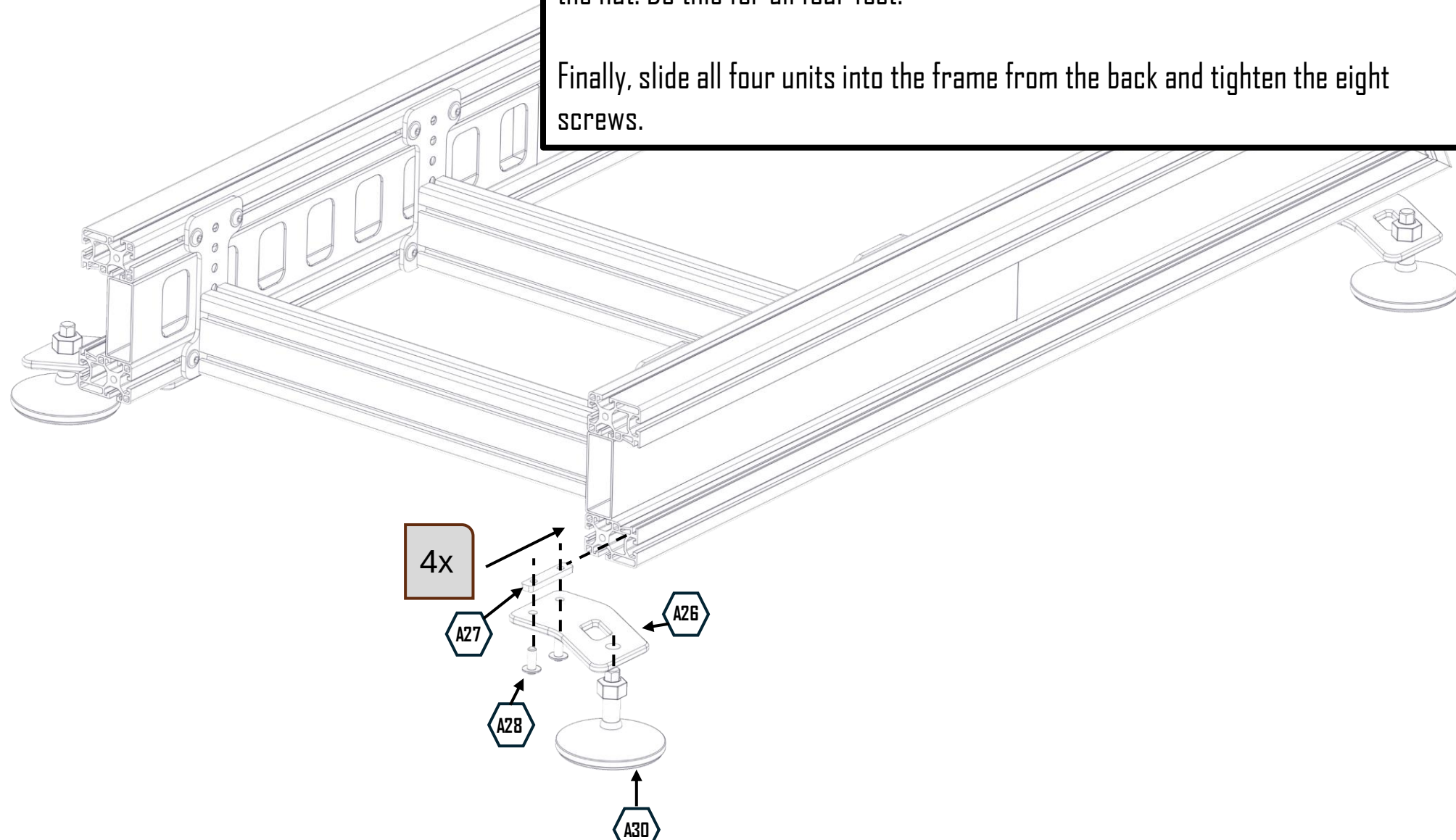
BASEFRAME



Attach the four feet to the foot plates using A28 M8x20 screws and T-nuts. Insert screws only one turn so they can slide into the frame.

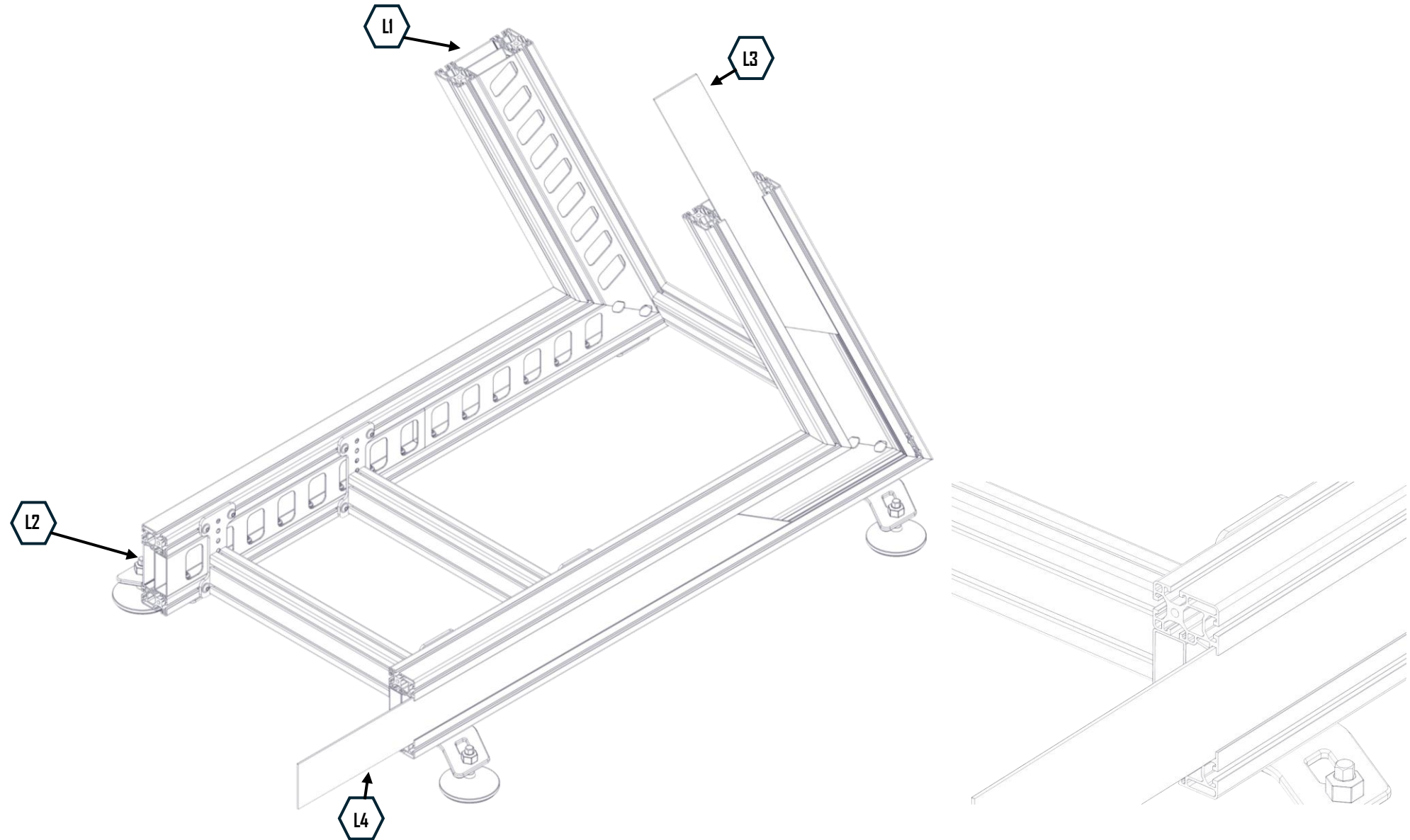
Remove the nut, guide the foot through the foot plate, then secure it again with the nut. Do this for all four feet.

Finally, slide all four units into the frame from the back and tighten the eight screws.

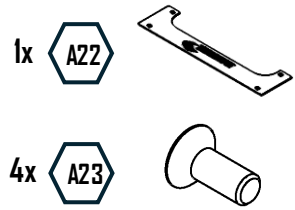


1x  L11x  L21x  L31x  L4

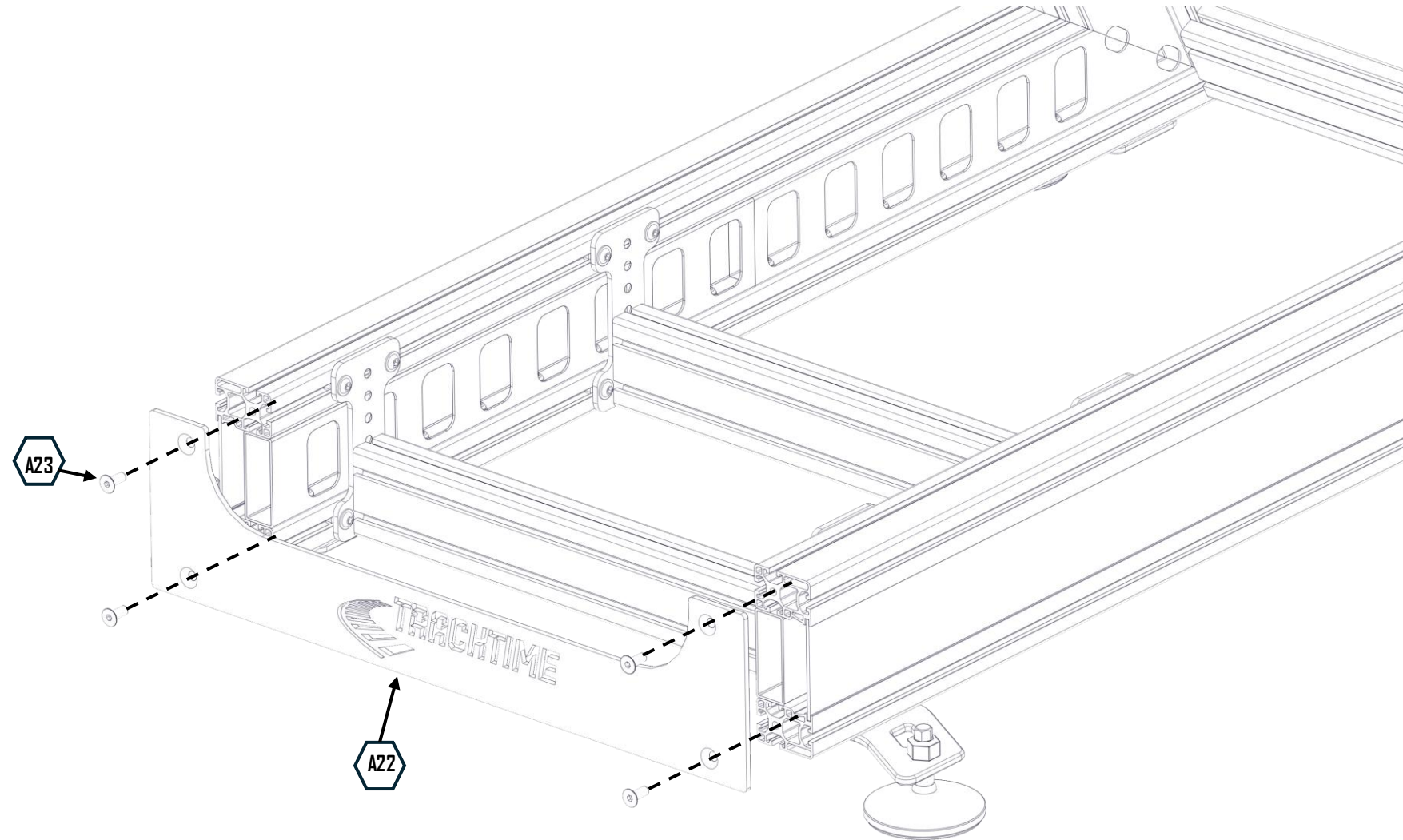
Slide all four covers (transparent or featuring a design) into the aluminium extrusions.



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Mount the rear plate using the four (A23) M8x20 countersunk screws.

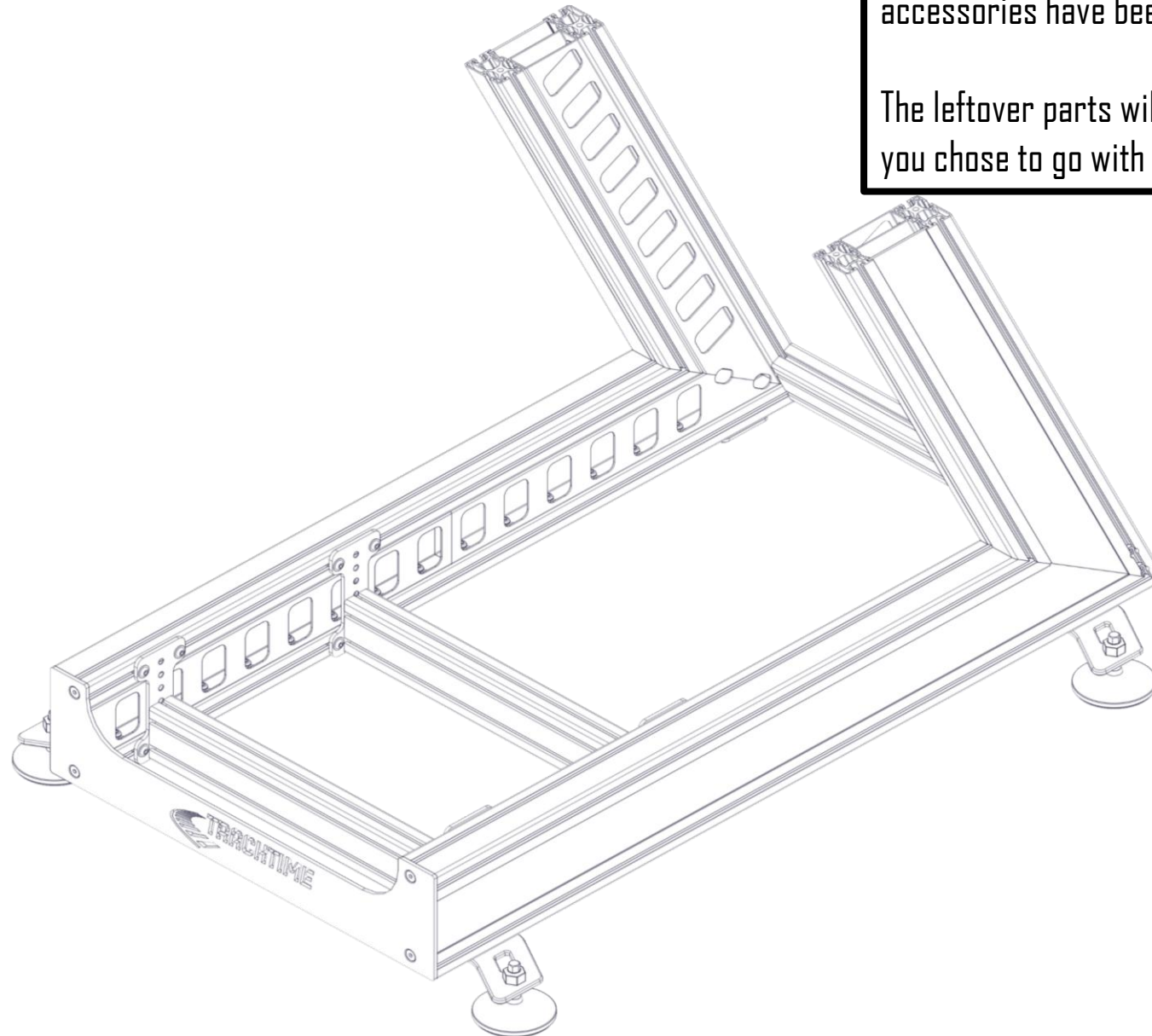


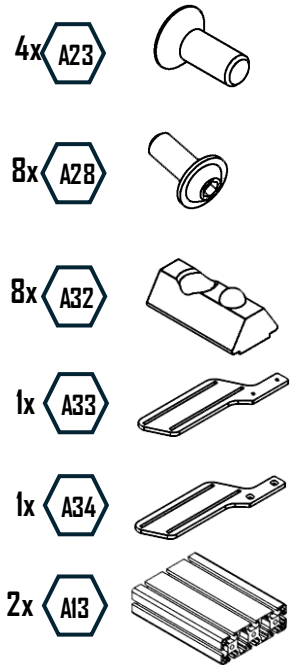
BASEFRAME

You have finished your new base frame.

We will install the upper end caps later, once all the accessories have been installed.

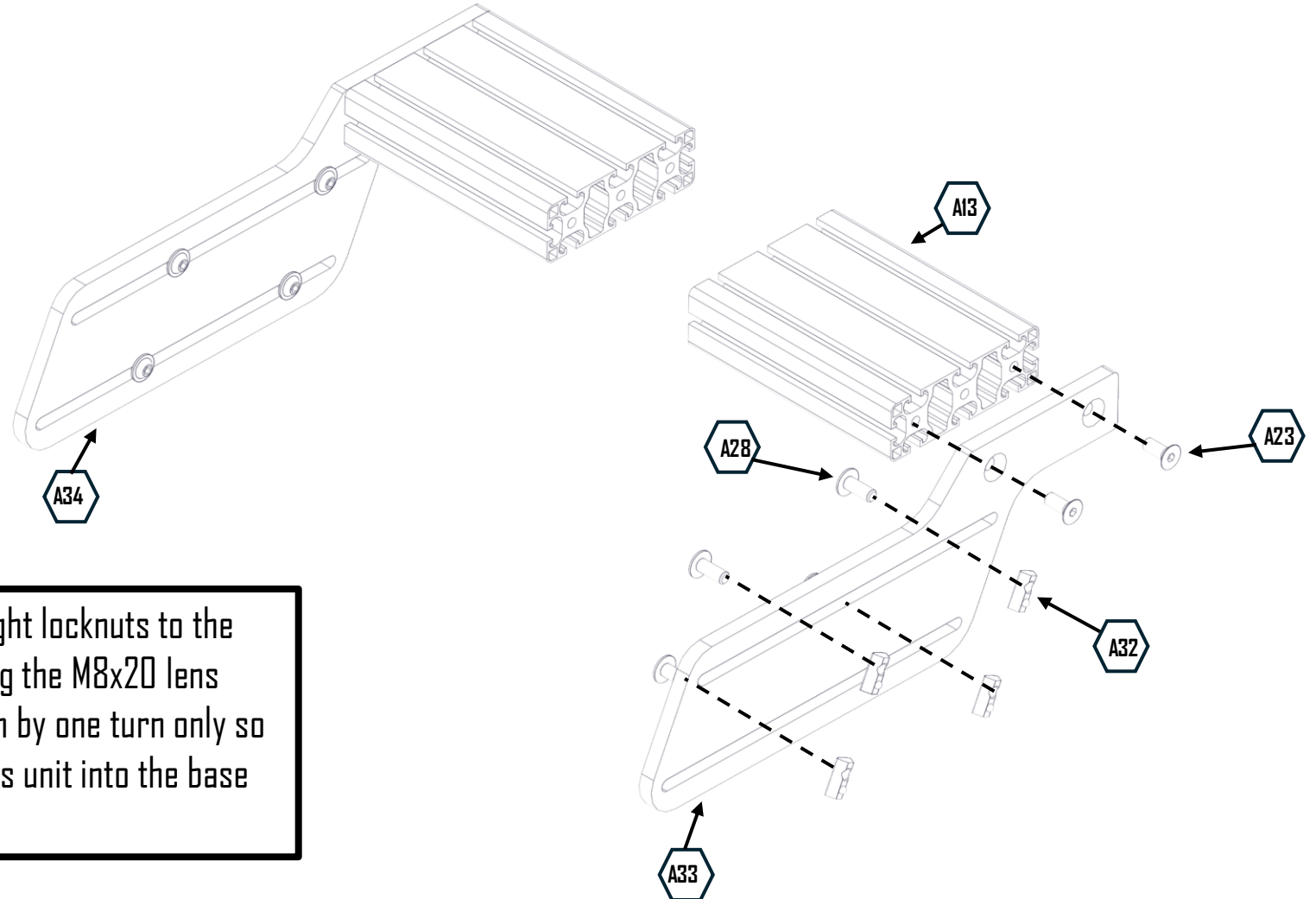
The leftover parts will be used for the wheel holder that you chose to go with your rig.



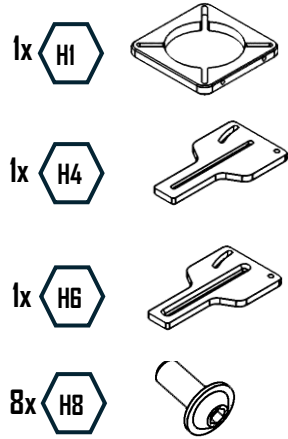


## WHEEL UNIT (BASEFRAME PARTS)

First, connect the left and right wheel brackets to the 120 x 40 aluminium extrusions. Use the (A23) M8x20 countersunk screws.

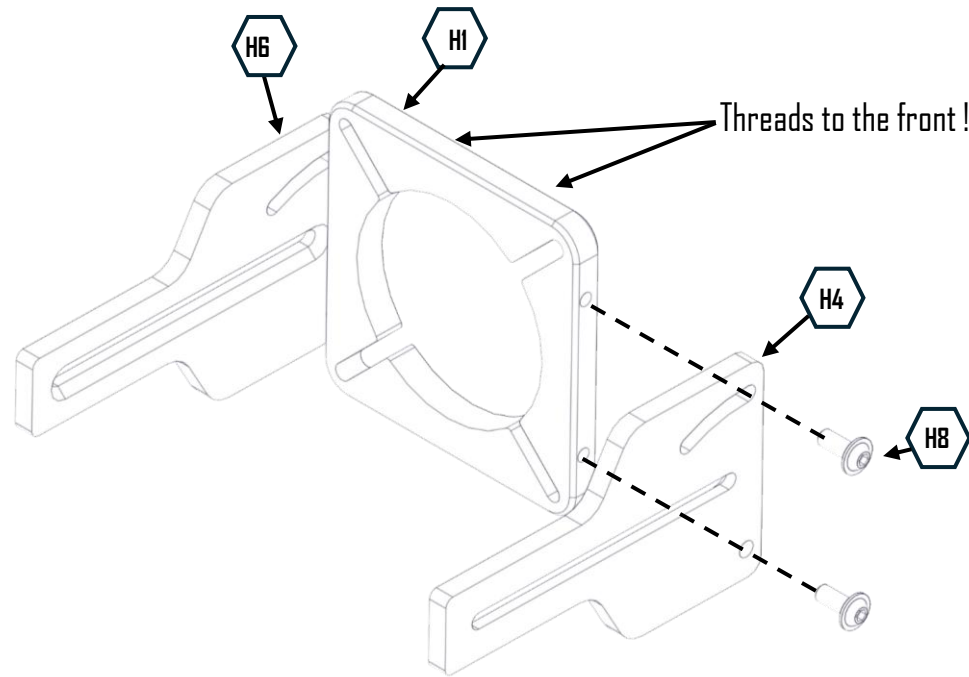


Then connect the eight locknuts to the wheel brackets using the M8x20 lens screws. Fasten them by one turn only so that we can slide this unit into the base frame later.



## WHEEL UNIT (FRONTMOUNT SOLUTION)

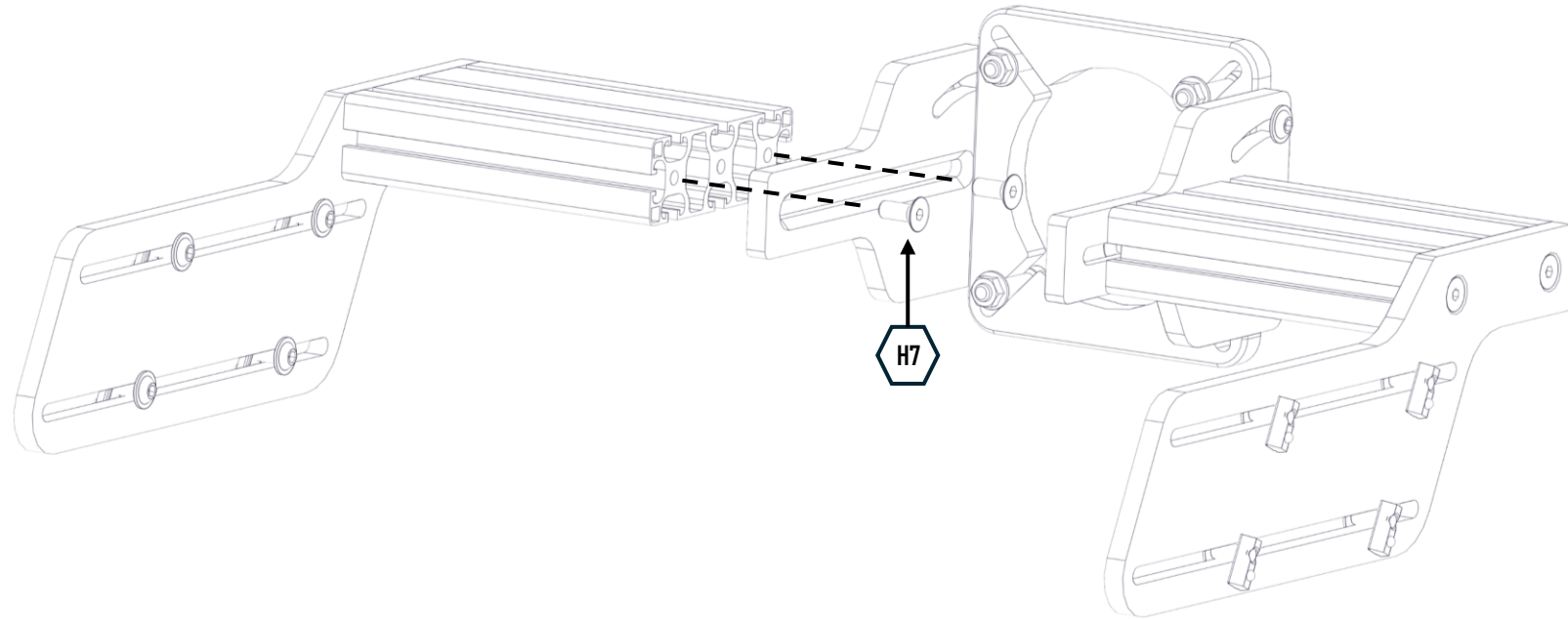
Connect the front faceplate to the left and right wheel brackets.  
Use the (H8) M8-20 screws. For now, adjust the wheelplate to an upright position.

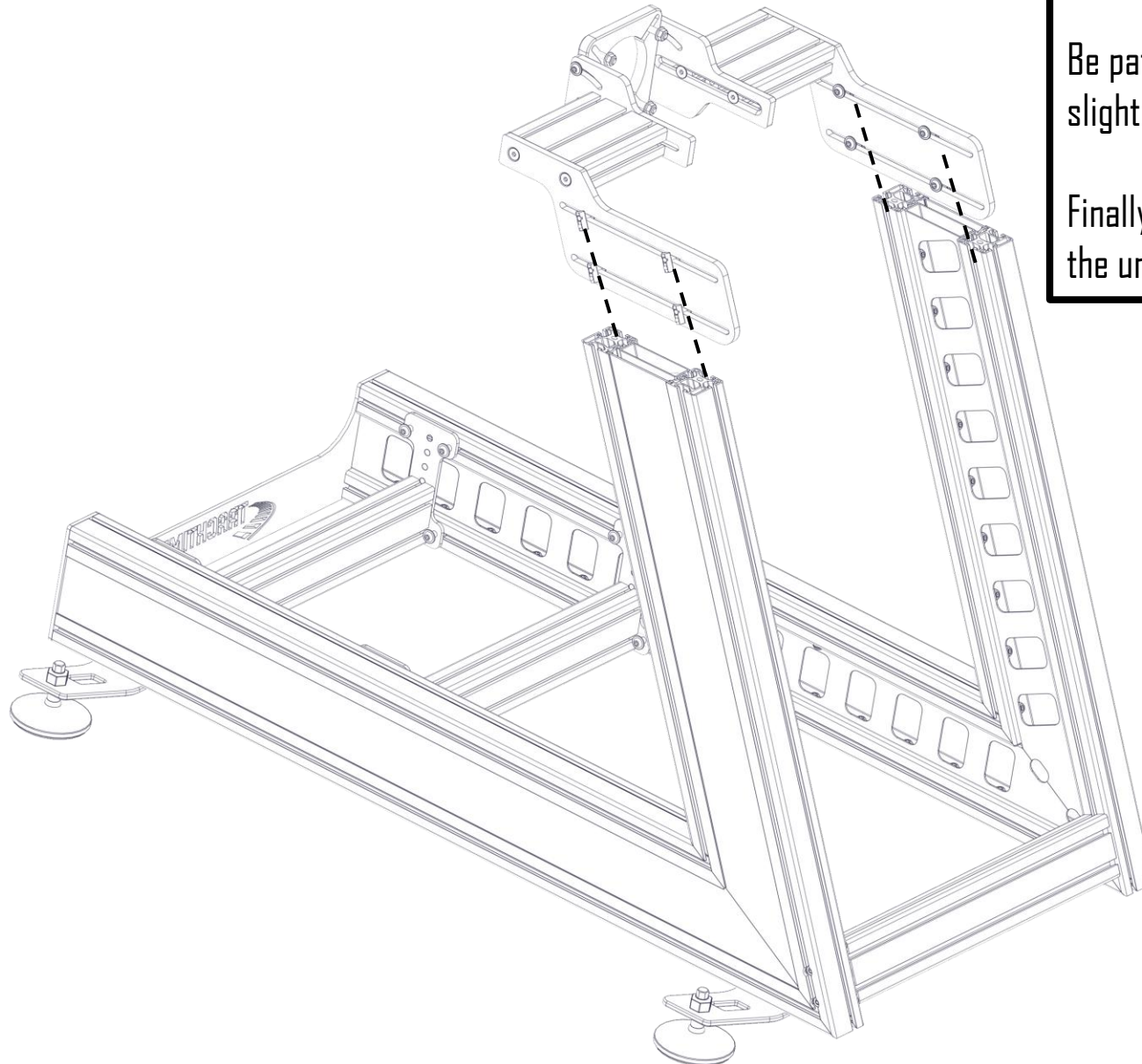




Connect the pre-mounted base frame wheel units (left and right) to the newly mounted front mount wheel unit using four (H7) M8x20 lens screws.

For now, adjust both sides to the frontmost position to make mounting to the baseframe easier.



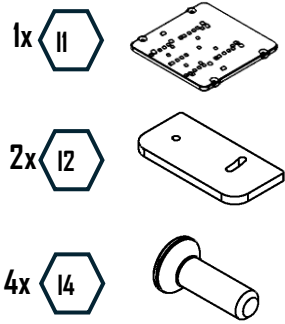


It is better to do this with another person. Mount the wheel unit to the base frame by sliding the T-nuts into the frame.

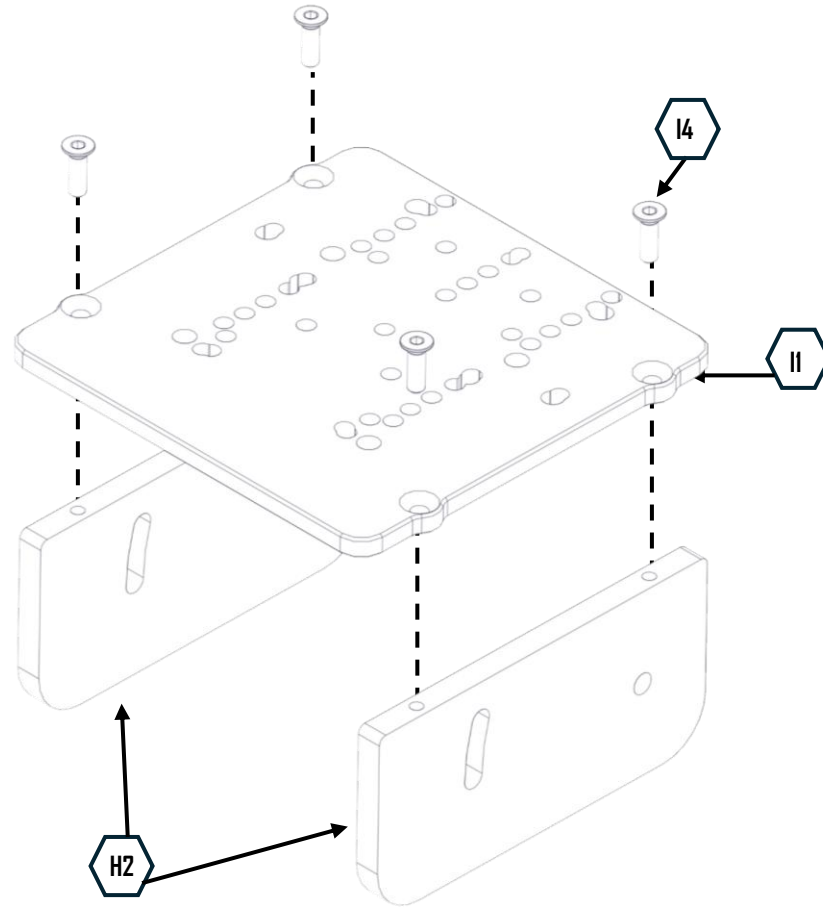
Be patient and take care. As before, if a T-nut gets stuck, slightly loosen the screw.

Finally, fasten all eight screws once you have positioned the unit in the desired position.

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Connect the wheel plate and both wheel brackets. Use four of the (I4) M6x20 countersunk screws.



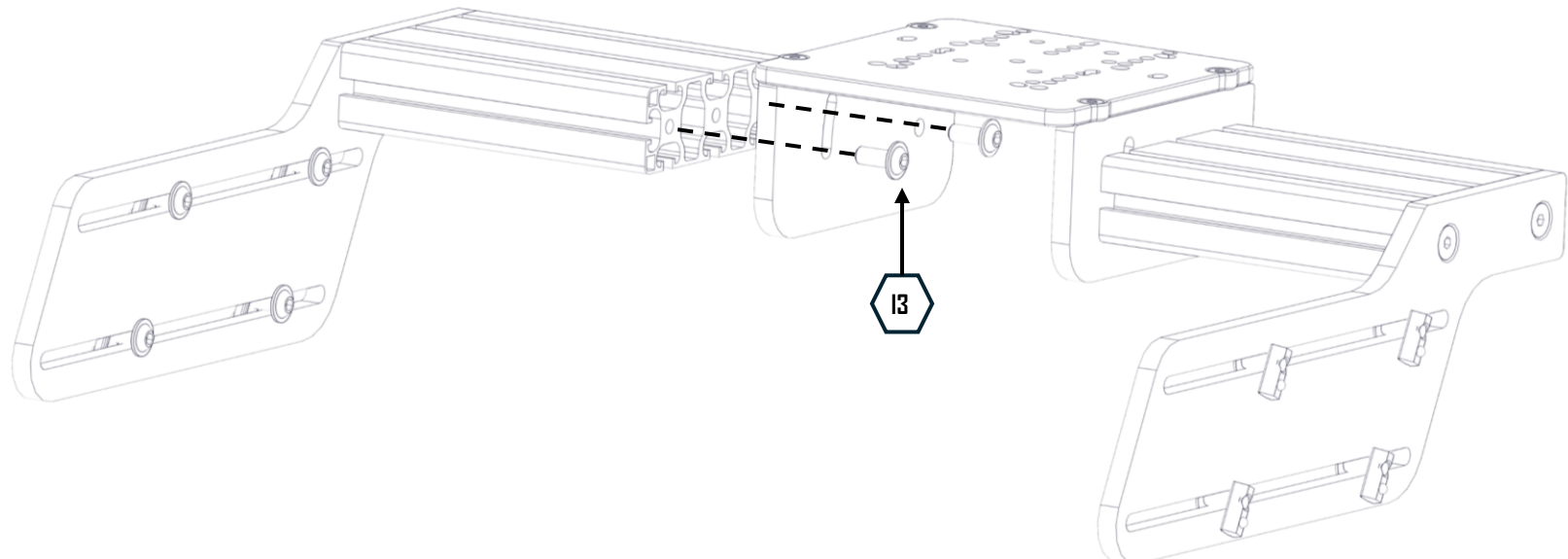
**WHEEL UNIT  
(TOPMOUNT SOLUTION)**

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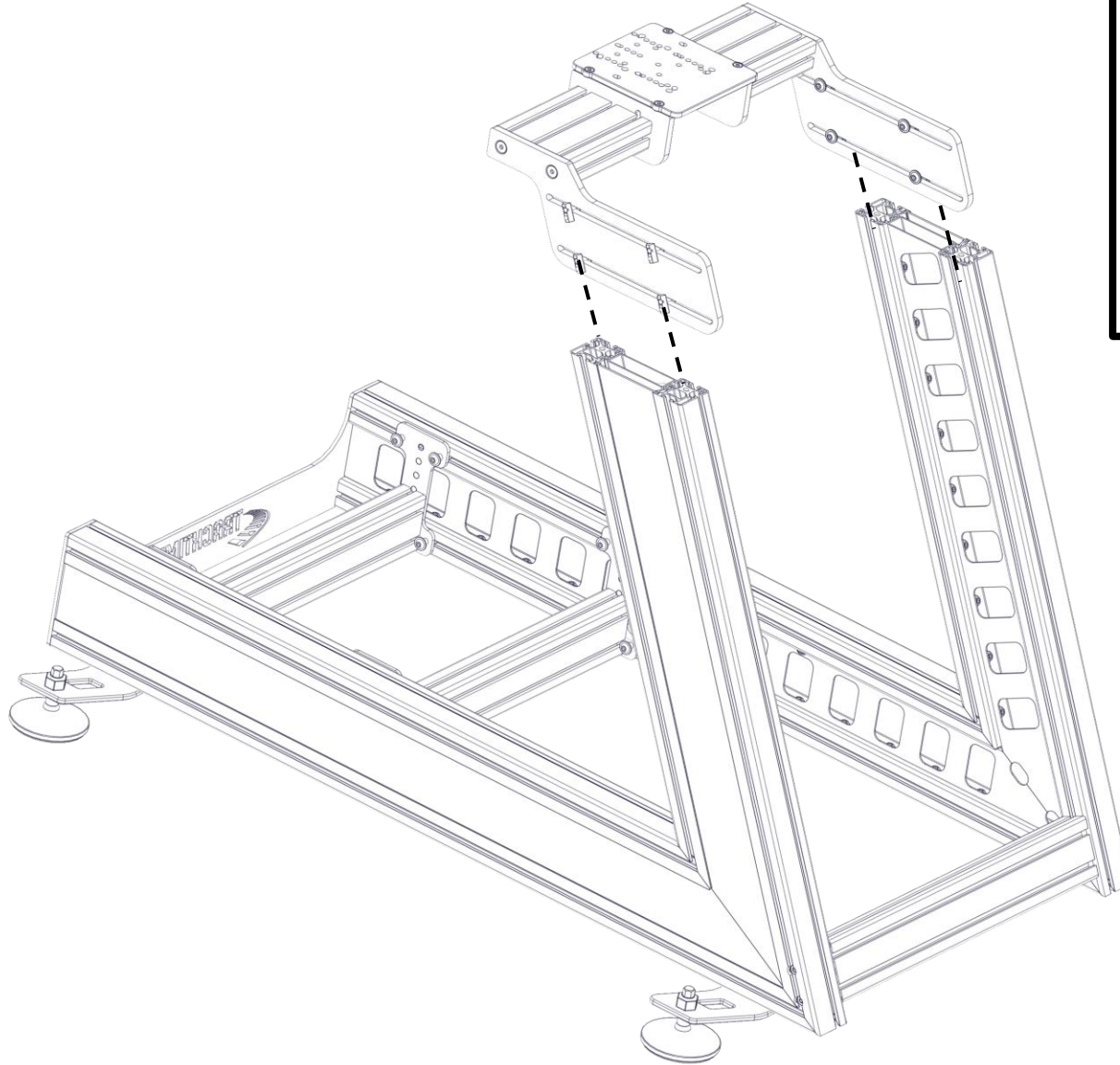


Connect the pre-mounted base frame wheel units (left and right) to the newly mounted top mount wheel unit using four (13) M8x20 lens screws.

For now, ensure that both sides are 100% straight to make mounting to the baseframe easier.



**WHEEL UNIT  
(TOPMOUNT SOLUTION)**



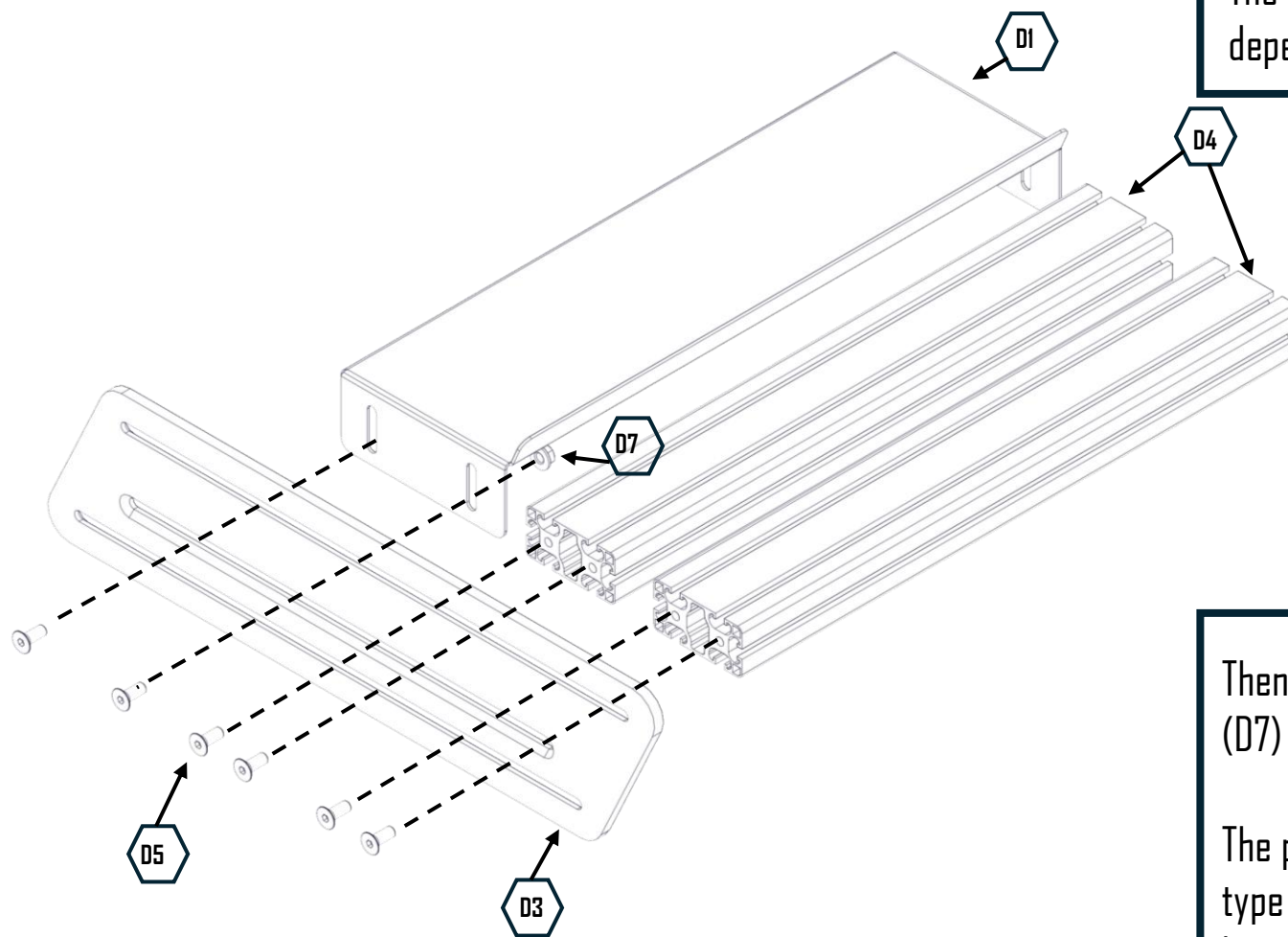
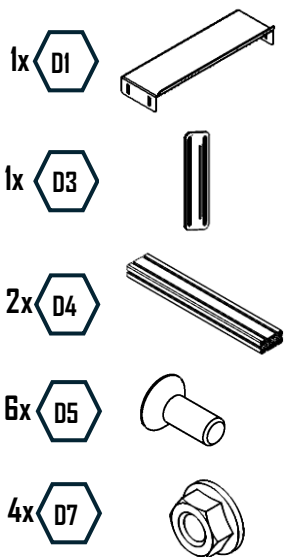
It is better to do this with another person. Mount the wheel unit to the base frame by sliding the T-nuts into the frame.

Be patient and take care. As before, if a T-nut gets stuck, slightly loosen the screw.

Finally, secure all eight screws once you have positioned the unit in the desired position.

Your Choice:

You can swap D3 and D2 : Then the Front angle of the pedal unit follows the frame



First, take the right pedal bracket (D3), then assemble both aluminium extrusions with four (D5) M8x20 countersunk screws.

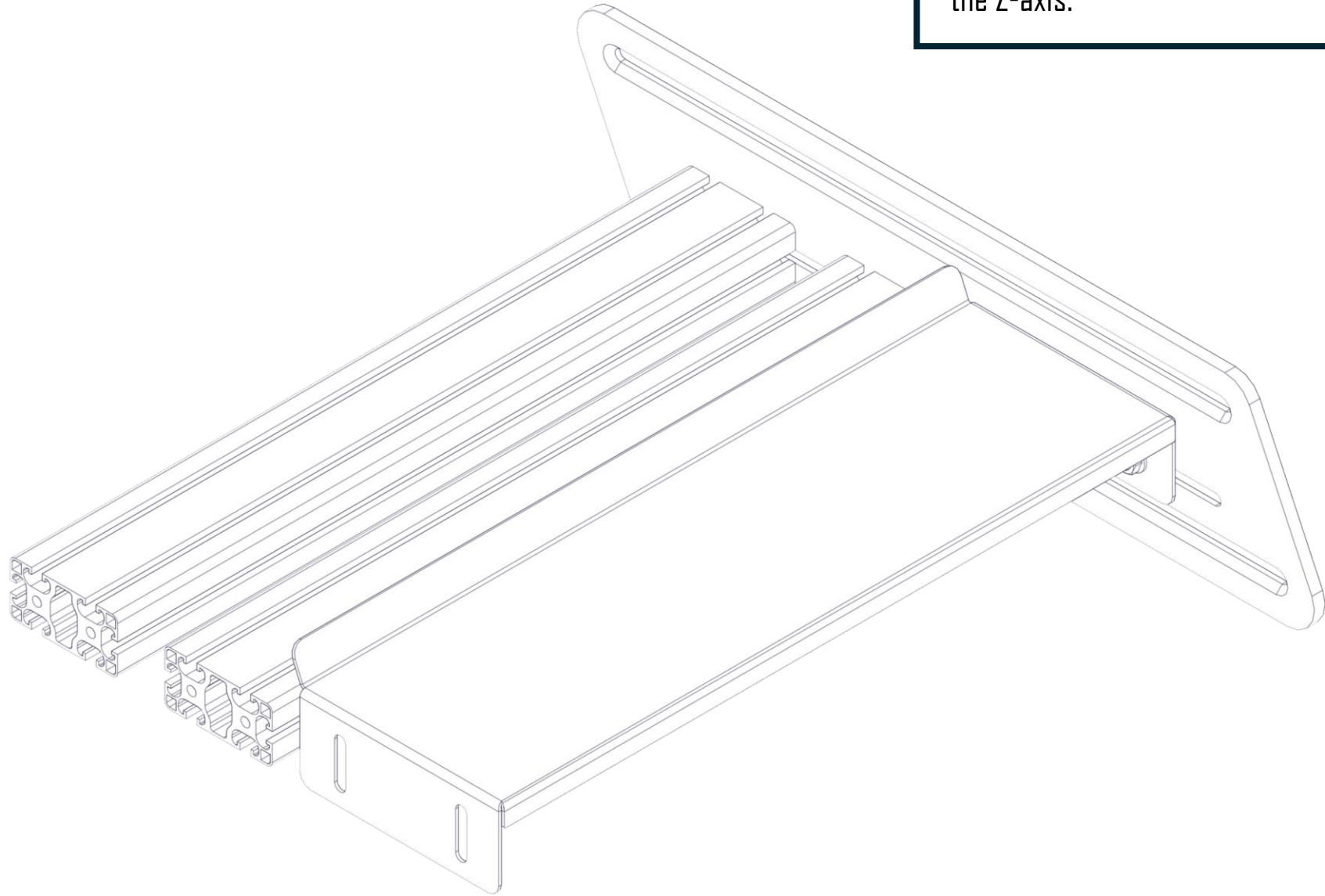
The position and distance from each other depend on your choice and the type of pedals.

Then mount the footplate using (D5) screws and (D7) locknuts.

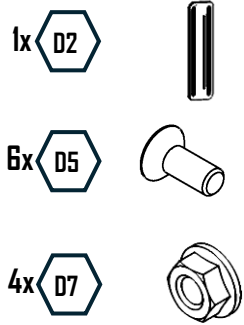
The position depends on your preference and the type of pedals you have. The heel rest should be located in front of your pedals, so find a position that is convenient for you.

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Rotate the unit through 180 degrees around the Z-axis.

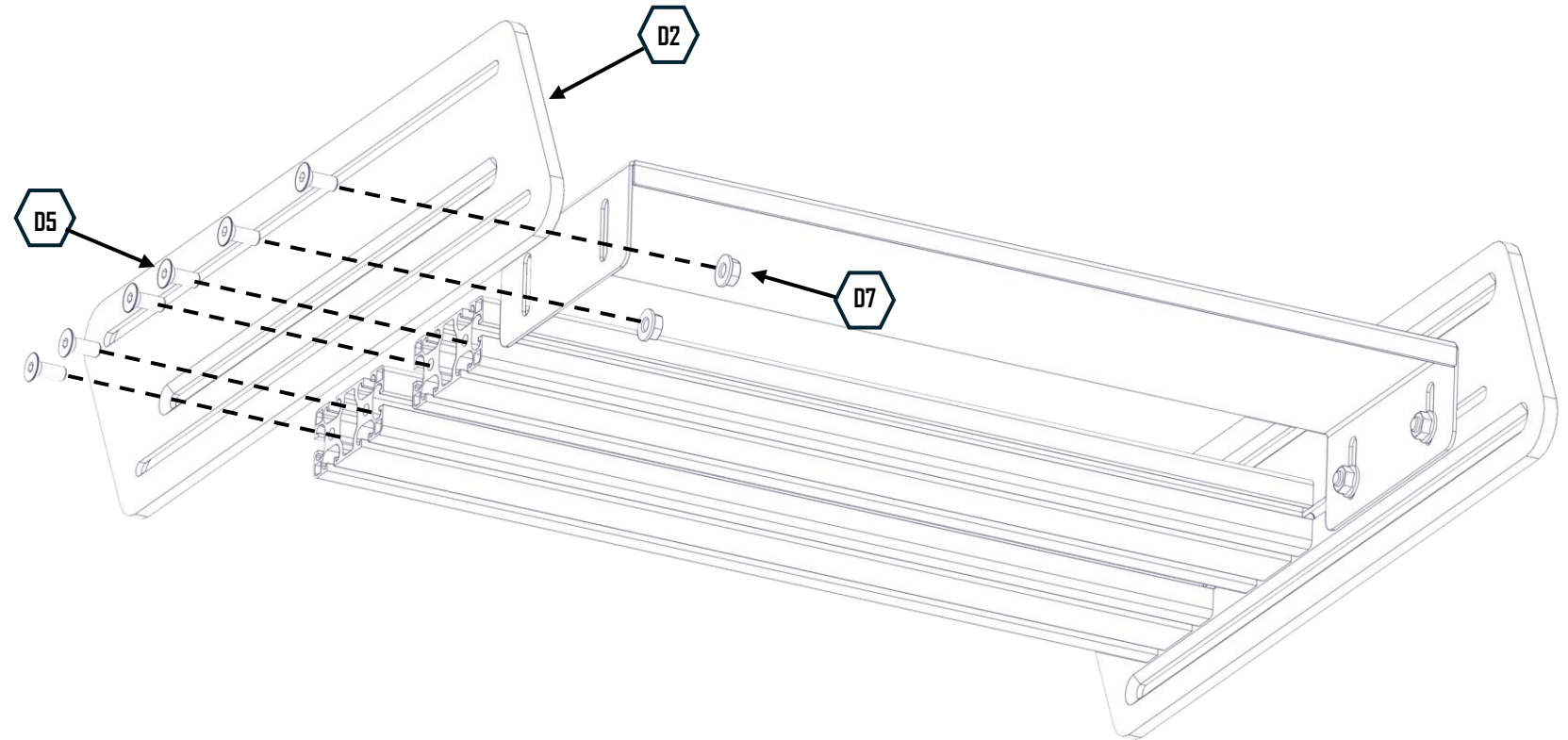


PEDAL UNIT



First, take the left pedal bracket (D2) and assemble both aluminium extrusions with four (D5) M8x20 countersunk screws.

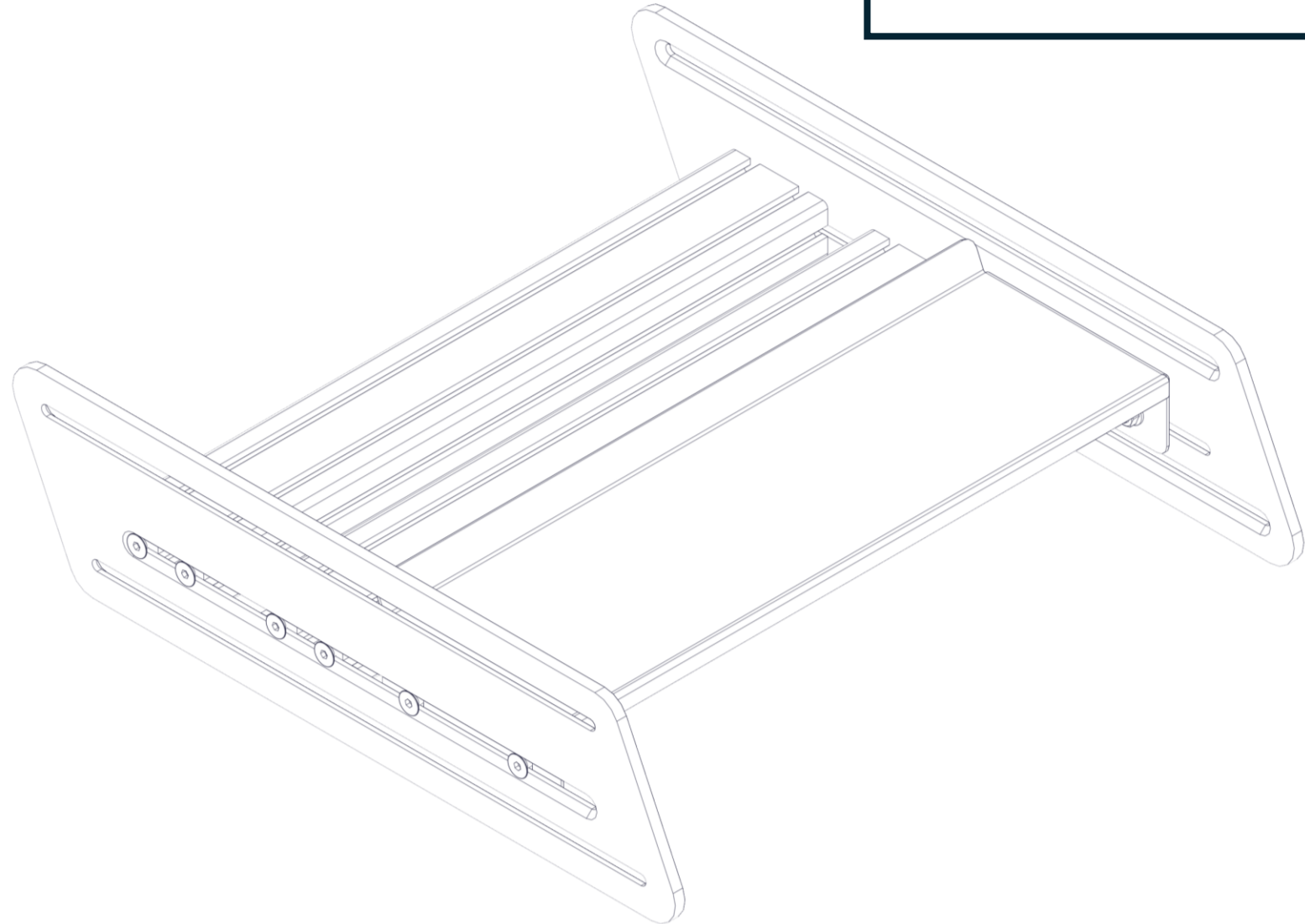
Next, secure the footplate using (D5) screws and (D7) lock nuts.



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The pedal unit is finished.

Next step: Mounting to the base frame.



PEDAL UNIT

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Insert all eight T-nuts into the frame. Four on the left and four on the right.

If you want to mount the pedals in the lowest position, you only need to install three on each side, as the pedal unit can then only be fastened by three screws on each side.

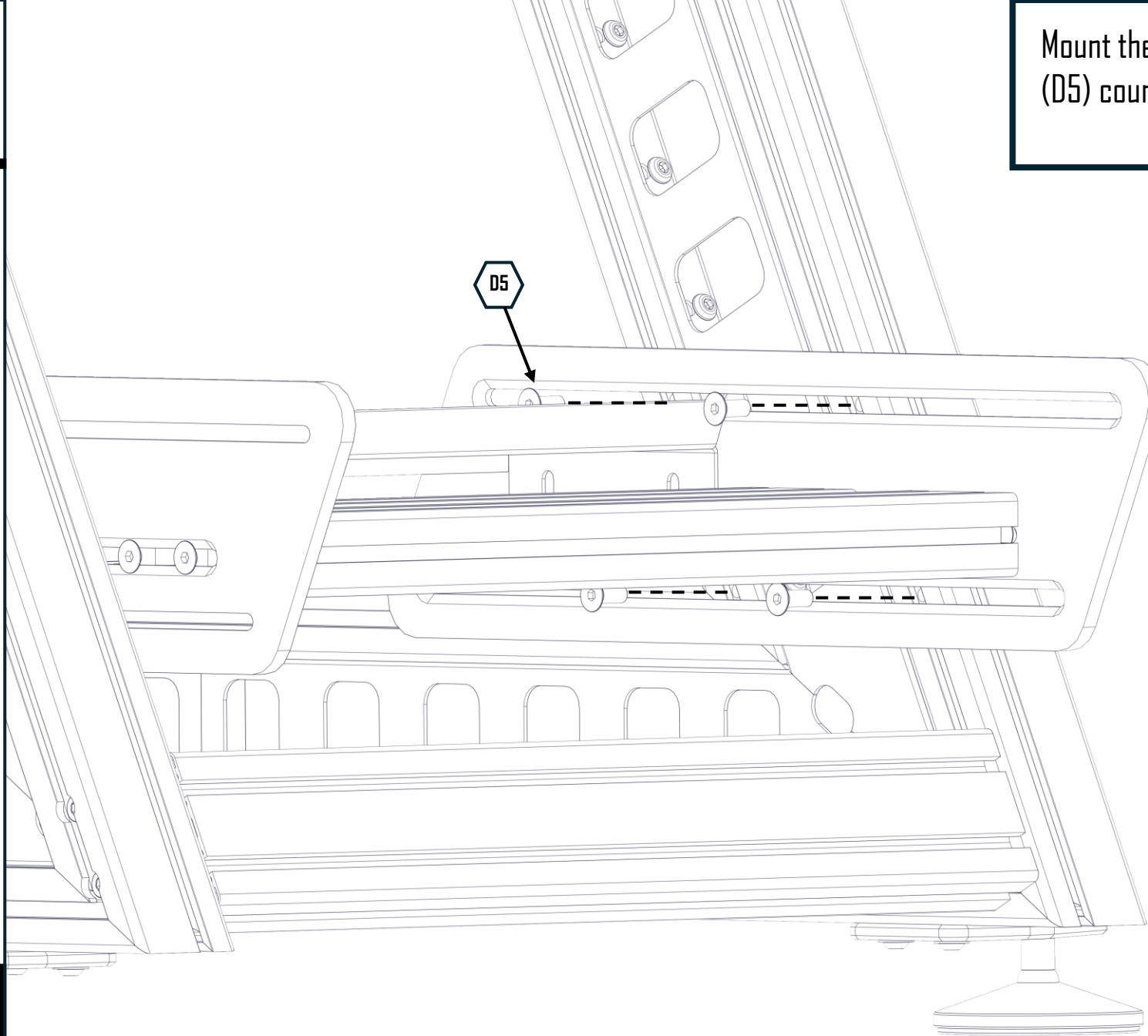
(The marked T-nut must then be removed.)

PEDAL UNIT

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Mount the pedal unit on both sides using the eight (D5) countersunk screws (M8 x 20 mm).

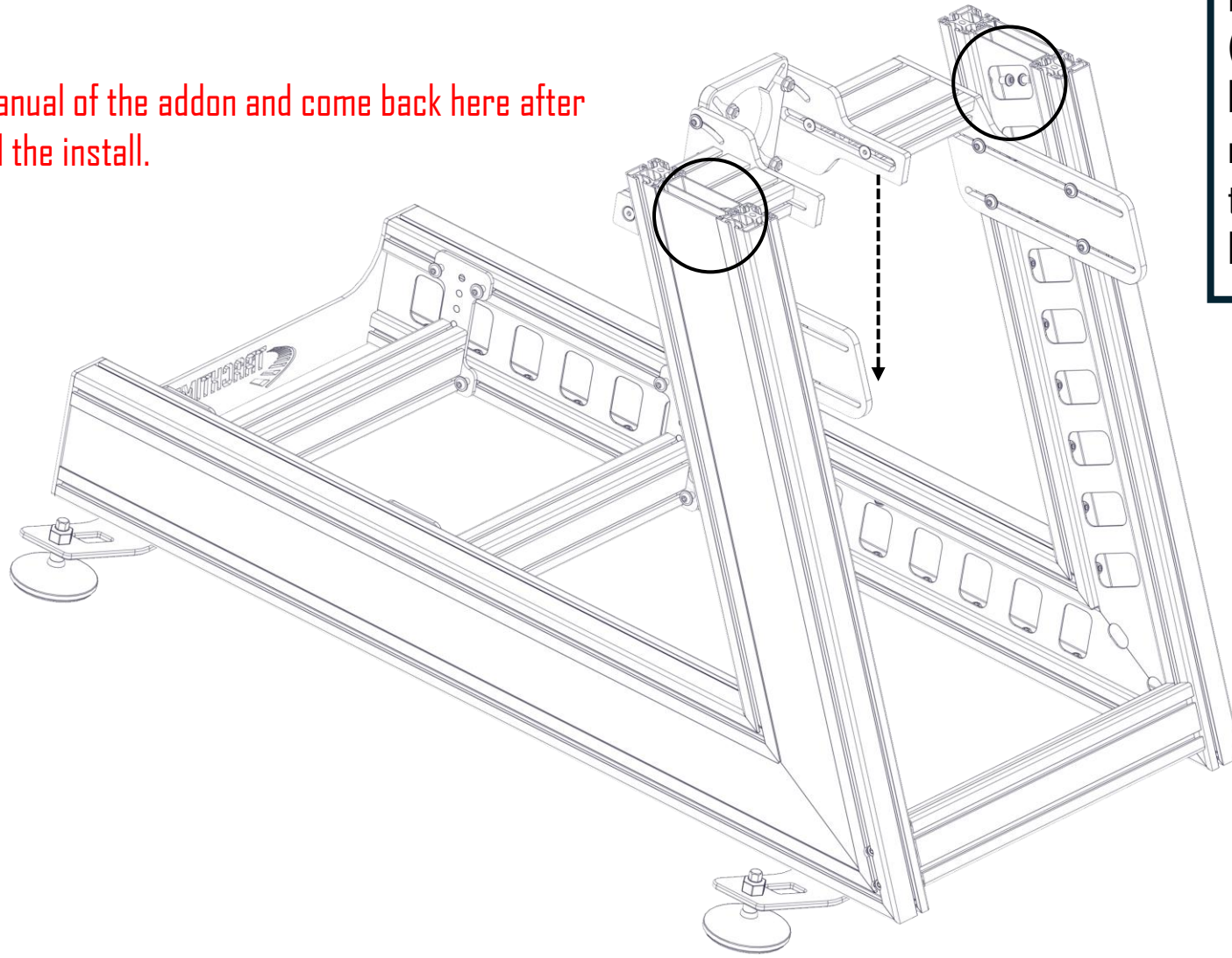


PEDAL UNIT

If you bought following addons for your rig, continue with steps 34-37 after you installed these addons.

- Single Screen Holder
- TripleScreen Holder
- LED-Kit

Read the manual of the addon and come back here after you finished the install.

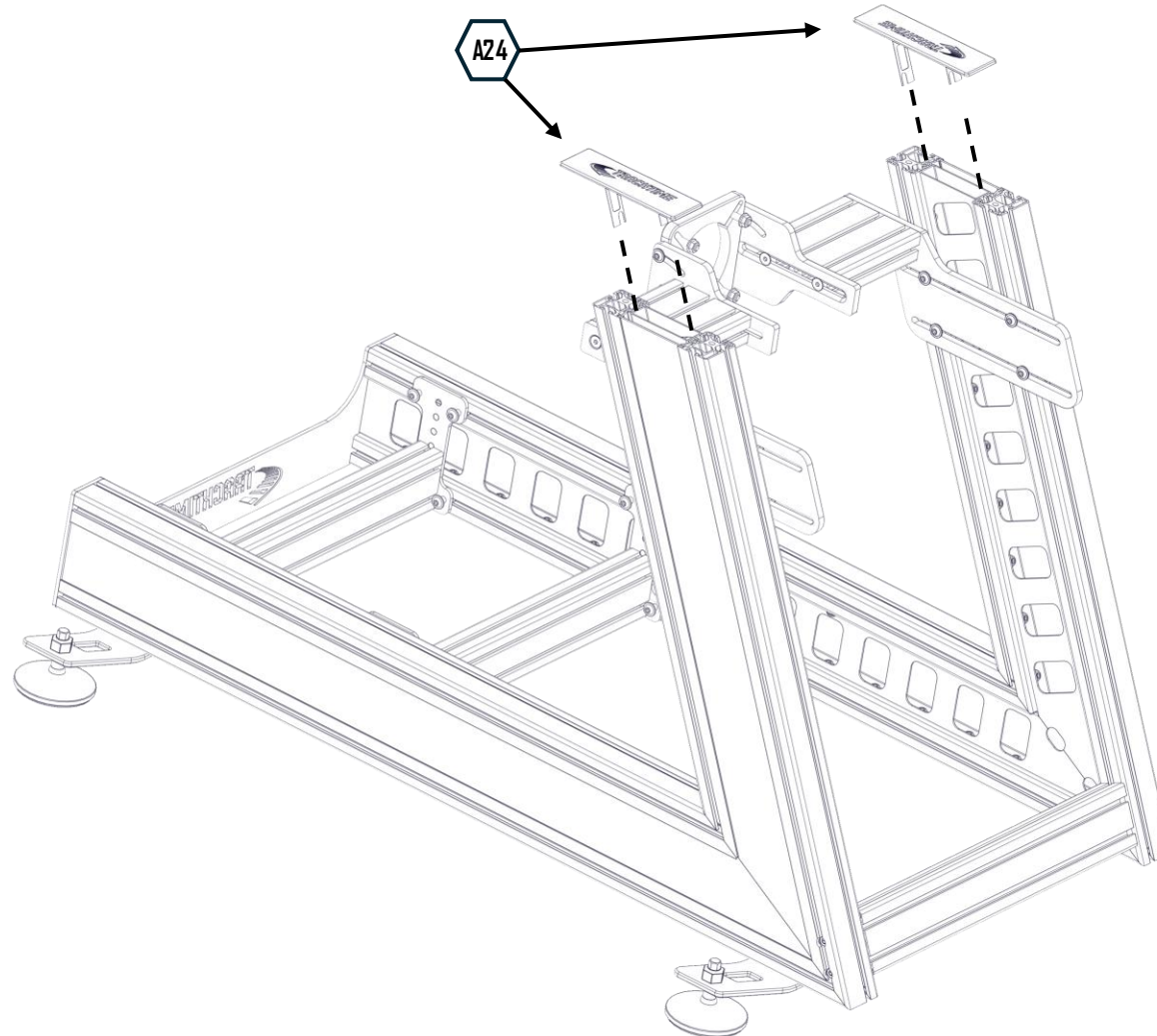


Lower the wheel mount if it covers the upper (A21) M8x12 screws.

Remove the upper 2x (A21) M8x12 screws on both, the left and the right side and put them aside for the later reinstall.

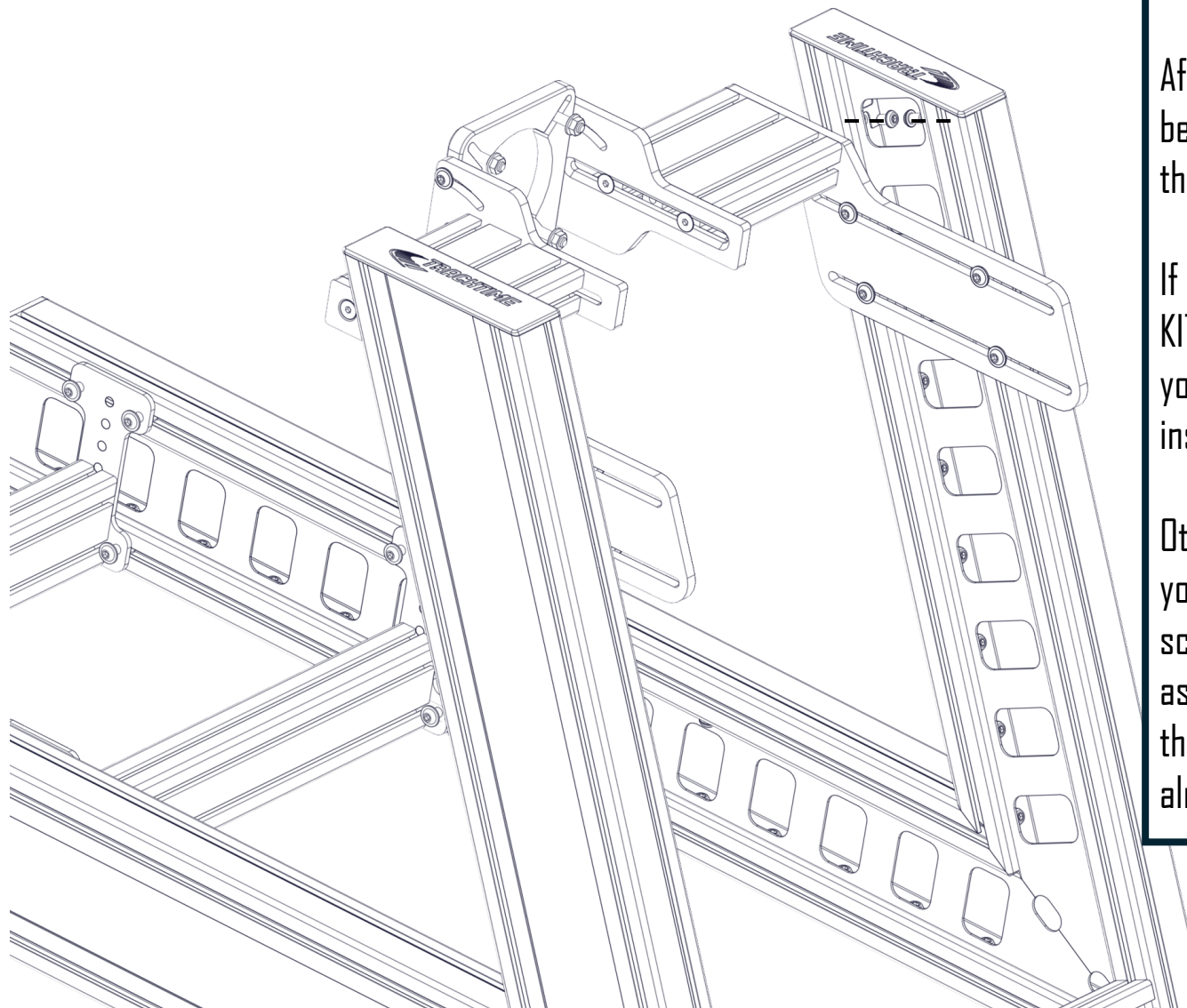
# 40 / 43

2x A24



Install both (A24) Endcaps.  
Slide them into the top ends of  
the (A1) and (A2) Baseangles .

END CAPS



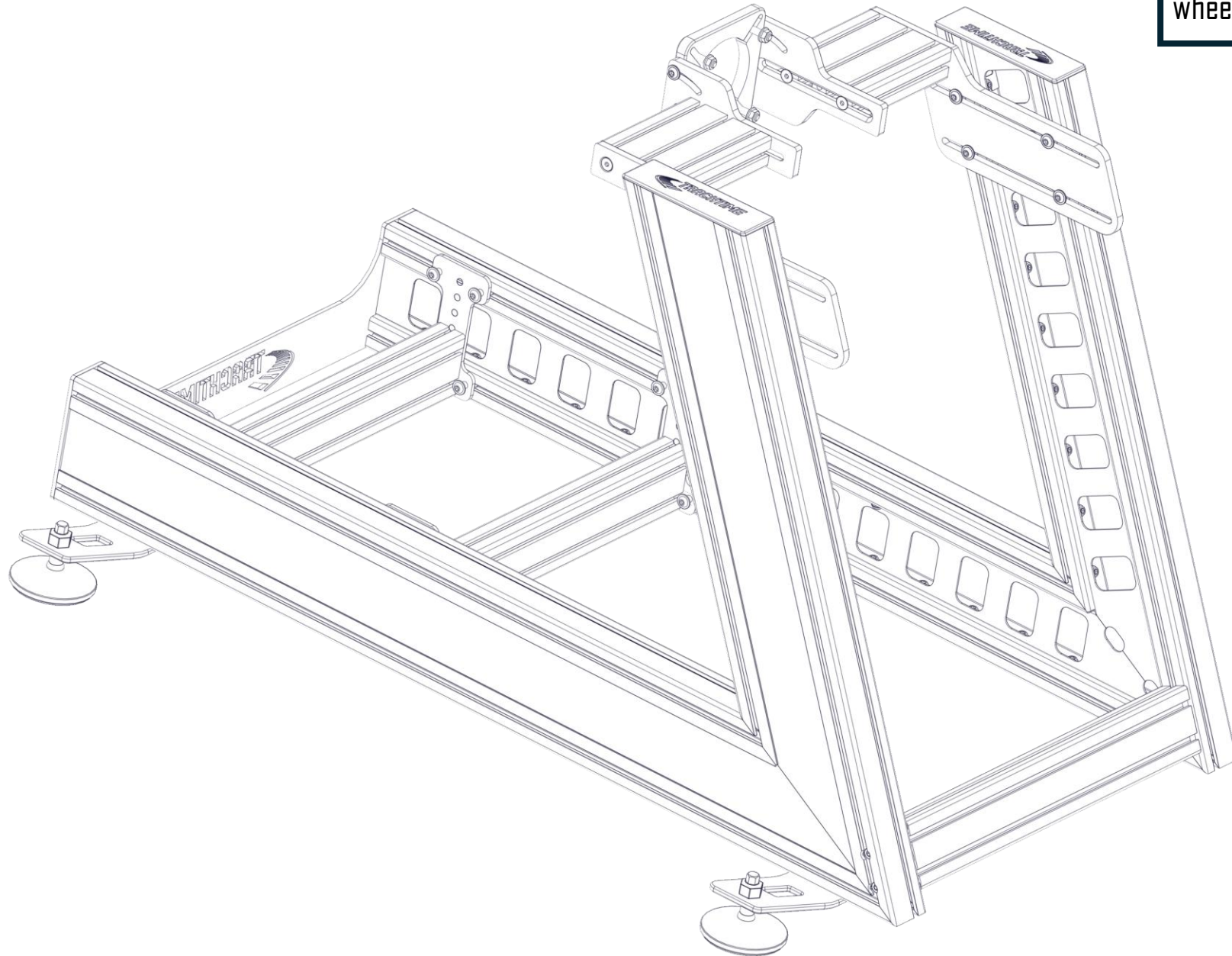
Reinstall the 4x (A21) M8x12 screws.

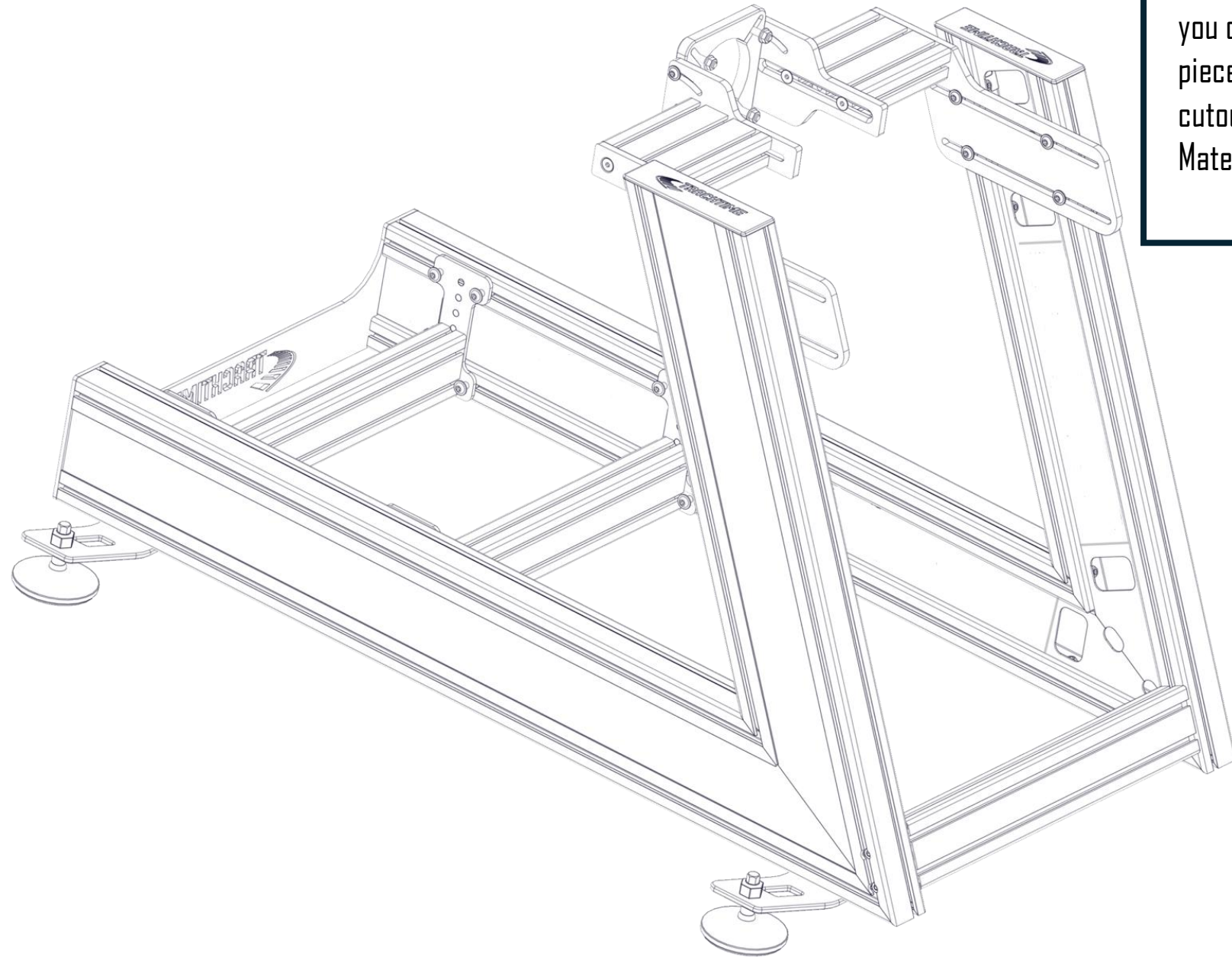
After that, the Endcaps cannot be removed without loosening these screws.

If you plan to install the LED KIT later, or want to exchange your cover panels, don't install these screws.

Otherwise you need to lower you wheel Unit to reach these screws which requires the assist of a second person if the heavy Wheel system is already installed.

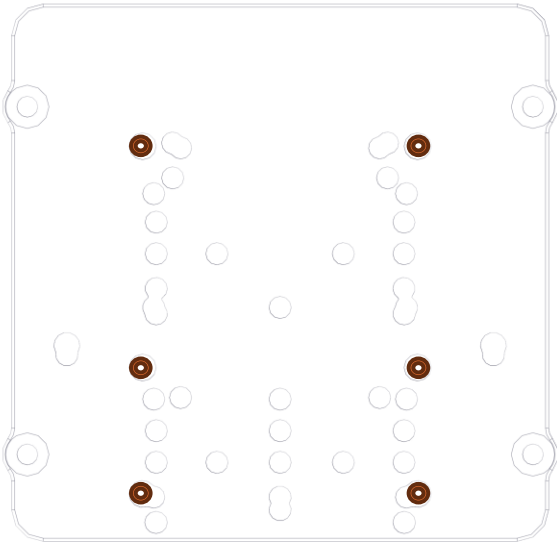
Readjust the position of your  
wheel unit.



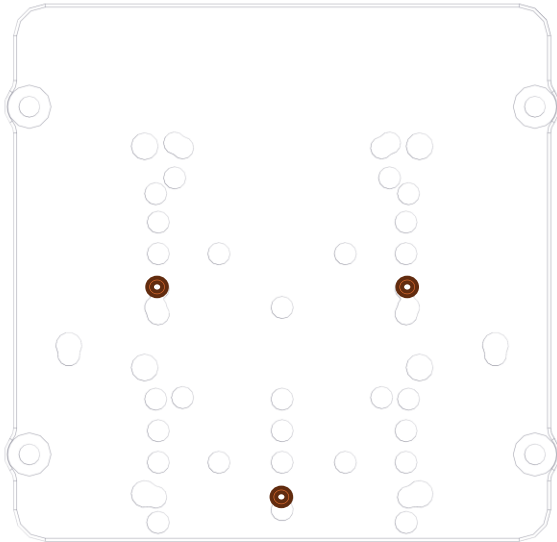


When every cable is installed you can use the magent foil pieces to cover the frame cutouts. You can cut the Material with your scissors

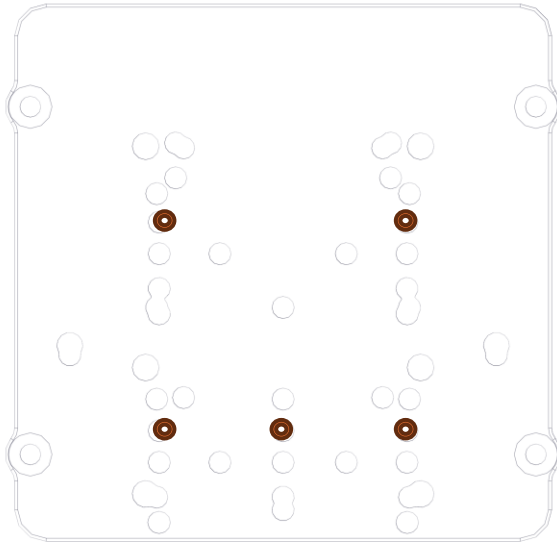
Asetek



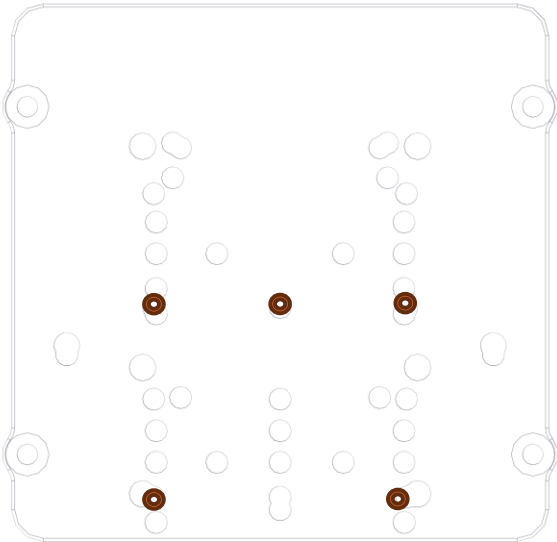
Fanatec CSW



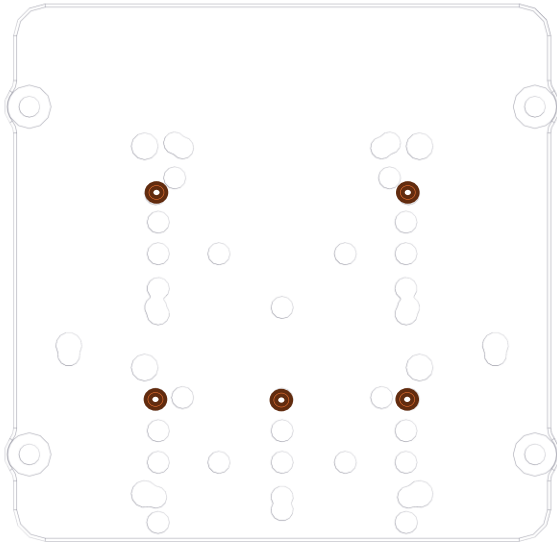
Fanatec DDI / DD2



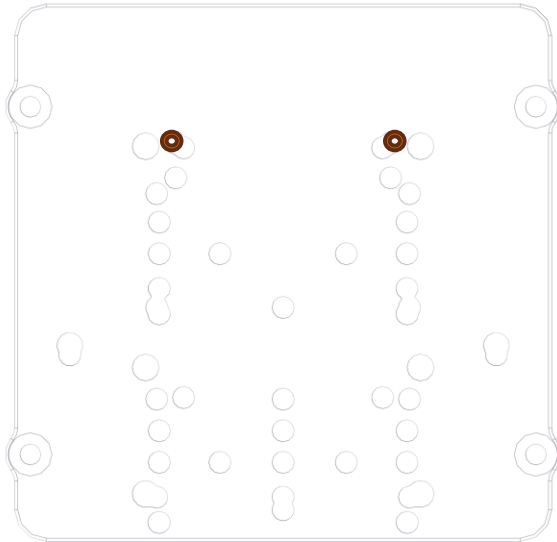
Fanatec CSL DD



Fanatec DD / DD+

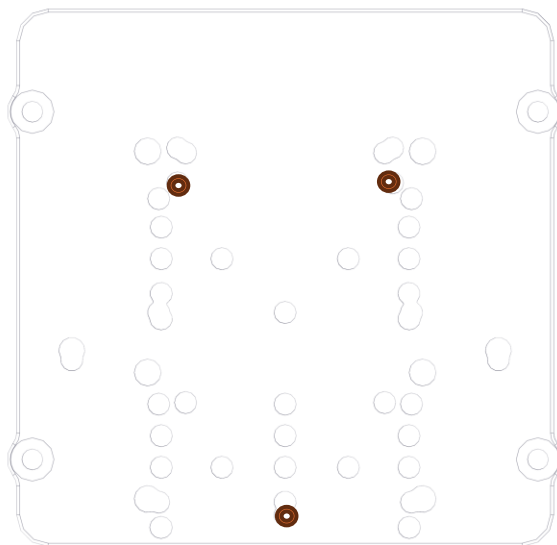


Logitech G25 / G27 / G920 / G923

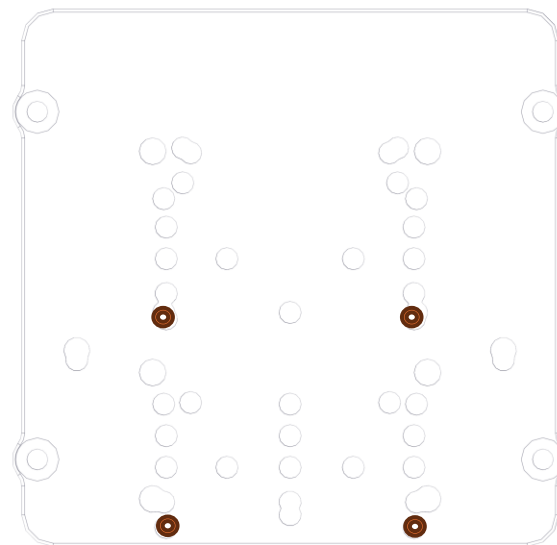


45 / 43

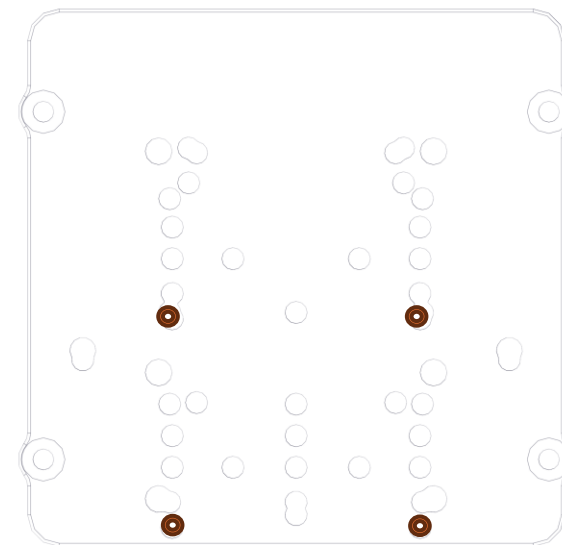
Logitech Pro Racing Wheel



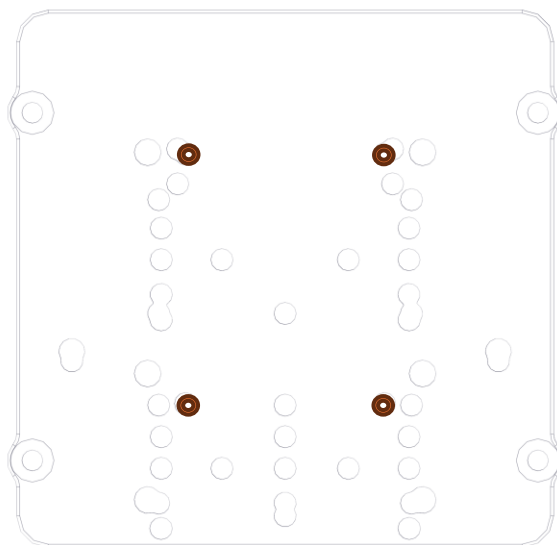
Moza R5, R9, R12



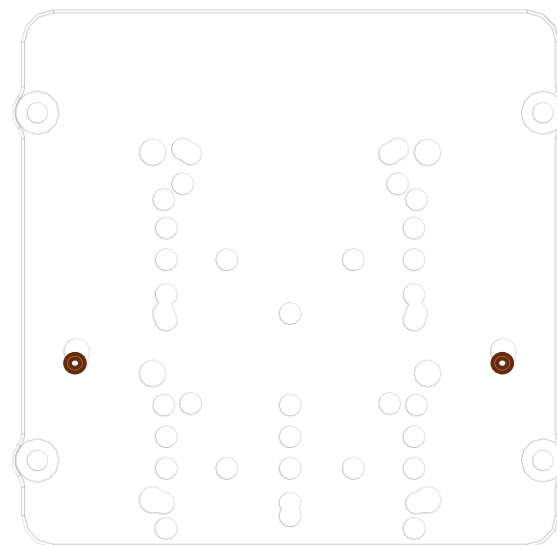
Simagic Alpha



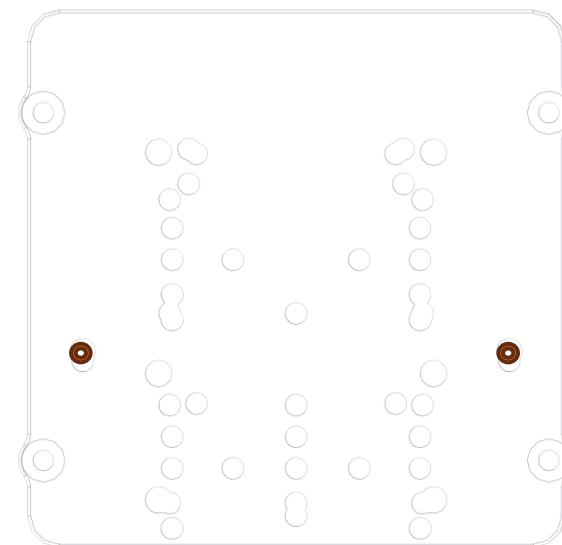
Thrustmaster T818



Thrustmaster T-GT, T-GT2

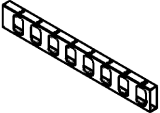
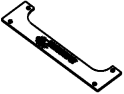


Thrustmaster T300, T248,  
T500, TC-PC, TS-XW



WHEEL DECK  
COMPATIBILITY

# 75105648 Series One Base Frame

| Part | Picture                                                                             | Order. No. | Article            | Pieces |
|------|-------------------------------------------------------------------------------------|------------|--------------------|--------|
| A1   |    | 75105646   | Baseangle right    | 1      |
| A2   |    | 75105647   | Baseangle left     | 1      |
| A3   |    | 75121111   | Baseprofile        | 2      |
| A17  |    | 75121120   | Seatholder Bracket | 4      |
| A22  |    | 75121143   | Rear Plate         | 1      |
| A26  |  | 75121172   | Footbracket        | 4      |

# Package 1 of 2

| Part | Picture                                                                             | Order. No. | Article            | Pieces |
|------|-------------------------------------------------------------------------------------|------------|--------------------|--------|
| A33  |  | 75121152   | Wheelbracket left  | 1      |
| A34  |  | 75121153   | Wheelbracket right | 1      |

## 75105648 Series One Base Frame

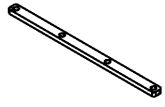
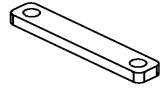
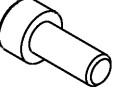
| Part | Picture                                                                             | Order. No. | Article                                                  | Pieces |
|------|-------------------------------------------------------------------------------------|------------|----------------------------------------------------------|--------|
| A4   |    | 75121187   | Steering Column Right Front<br>Aluminium Extrusion 817mm | 1      |
| A5   |    | 75121114   | Steering Column Left Front<br>Aluminium Extrusion 817mm  | 1      |
| A6   |    | 75121115   | Steering Column Left Rear<br>Aluminium Extrusion 636mm   | 1      |
| A7   |    | 75121188   | Steering Column Right Rear<br>Aluminium Extrusion 636mm  | 1      |
| A8   |    | 75121116   | Frame Upper Left Aluminium<br>Extrusion 1022mm           | 1      |
| A9   |  | 75121189   | Frame Upper Right<br>Aluminium Extrusion 1022mm          | 1      |

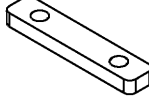
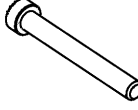
## Package 2 of 2

| Part | Picture                                                                               | Order. No. | Article                                          | Pieces |
|------|---------------------------------------------------------------------------------------|------------|--------------------------------------------------|--------|
| A10  |    | 75121190   | Frame Lower Right<br>Aluminium Extrusion 1218mm  | 1      |
| A11  |    | 75121117   | Frame Lower Left Aluminium<br>Extrusion 1218mm   | 1      |
| A12  |    | 75121121   | Seatholder Aluminium<br>Extrusion 80x40 510mm    | 2      |
| A13  |    | 75121144   | Wheelunit Aluminium<br>Extrusion 120x80 165mm    | 2      |
| A14  |    | 75121175   | Cross Support Aluminium<br>Extrusion 80x40 520mm | 1      |
| A15  |  | 75121118   | Long T-Nut M8 3-Units                            | 20     |

## 75105648 Series One Base Frame

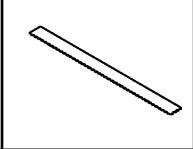
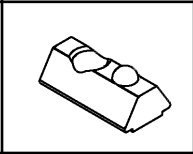
## Package 2 of 2

| Part | Picture                                                                             | Order. No. | Article                | Pieces |
|------|-------------------------------------------------------------------------------------|------------|------------------------|--------|
| A16  |    | 75121119   | Long T-Nut M8 4-Units  | 8      |
| A18  |    | 75121122   | Long T-Nut M8 2-Units  | 8      |
| A19  |    | 68320244   | Lensflatscrew M8x16    | 16     |
| A20  |    | 68320334   | Countersunkscrew M8x16 | 8      |
| A21  |    | 68320760   | Lensscrew M8x12        | 92     |
| A23  |  | 68320617   | Countersunkscrew M8x20 | 8      |

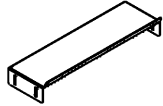
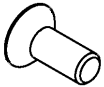
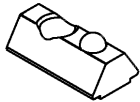
| Part | Picture                                                                               | Order. No. | Article                           | Pieces |
|------|---------------------------------------------------------------------------------------|------------|-----------------------------------|--------|
| A24  |    | 75130318   | Angled Extrusion Cap left 160x40  | 1      |
| A25  |    | 75130325   | Angled Extrusion Cap right 160x40 | 1      |
| A26  |    | 75121172   | Footbracket                       | 4      |
| A27  |    | 75121173   | Footbracket T-Nut                 | 4      |
| A28  |    | 68320181   | Lensscrew M8x20                   | 16     |
| A29  |  | 68320109   | Cylinderscrew M8x65               | 4      |

# 75105648 Series One Base Frame

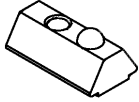
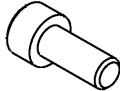
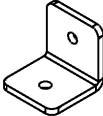
Package 2 of 2

| Part | Picture                                                                           | Order. No. | Article                                     | Pieces |
|------|-----------------------------------------------------------------------------------|------------|---------------------------------------------|--------|
| A31  |  | 75190072   | Flexible Magnet Cover<br>2x1200mm & 2x800mm | 1      |
| A32  |  | 75190016   | T-Nut M8                                    | 8      |

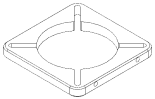
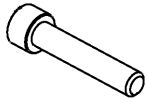
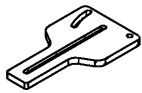
## 75105654 Pedal Unit

| Part | Picture                                                                             | Order. No. | Article                                      | Pieces |
|------|-------------------------------------------------------------------------------------|------------|----------------------------------------------|--------|
| D1   |    | 75121136   | Footplate                                    | 1      |
| D2   |    | 75121141   | Pedalbracket left                            | 1      |
| D3   |    | 75121142   | Pedalbracket right                           | 1      |
| D4   |    | 75121140   | Pedalcarrier Aluminium Extrusion 80x40 504mm | 12     |
| D5   |    | 68320617   | Countersunkscrew M8x20                       | 20     |
| D6   |  | 75190016   | T-Nut M8                                     | 8      |

## Package 1 of 1

| Part | Picture                                                                             | Order. No. | Article              | Pieces |
|------|-------------------------------------------------------------------------------------|------------|----------------------|--------|
| D7   |  | 68310044   | Locknut M8           | 4      |
| D8   |  | 75190065   | T-Nut M5             | 12     |
| D9   |  | 68320576   | Cylinder Screw M5x12 | 12     |
| D10  |  | 75121178   | Angle Bracket        | 4      |
| A30  |  | 75190071   | Footunit             | 4      |

# 75105666 Front Wheel Mount

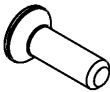
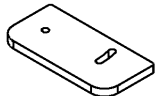
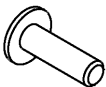
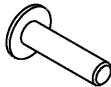
| Part | Picture                                                                           | Order. No. | Article              | Pieces |
|------|-----------------------------------------------------------------------------------|------------|----------------------|--------|
| H1   |  | 75121149   | Motor Plate          | 1      |
| H2   |  | 68320073   | Cylinder Screw M8x40 | 4      |
| H3   |  | 68310095   | Locknut M8           | 4      |
| H4   |  | 75121147   | Wheelbracket left    | 1      |

# Package 1 of 1

| Part | Picture                                                                             | Order. No. | Article                | Pieces |
|------|-------------------------------------------------------------------------------------|------------|------------------------|--------|
| H6   |  | 75121148   | Wheelbracket right     | 1      |
| H7   |  | 68320617   | Countersunkscrew M8x20 | 4      |
| H8   |  | 68320181   | Lensscrew M8x20        | 4      |

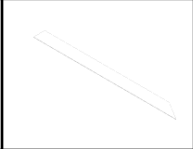
# 75105667 Top Wheel Mount

Package 1 of 1

| Part | Picture                                                                           | Order. No. | Article               | Pieces | Part | Picture                                                                             | Order. No. | Article                | Pieces |
|------|-----------------------------------------------------------------------------------|------------|-----------------------|--------|------|-------------------------------------------------------------------------------------|------------|------------------------|--------|
| 11   |  | 75121184   | Topmount Wheelplate   | 1      | 14   |  | 68320404   | Countersunkscrew M6x20 | 4      |
| 12   |  | 75121185   | Topmount Wheelbracket | 2      | 15   |  | 68320183   | Lensflatscrew M6x20    | 4      |
| 13   |  | 68320181   | Lensscrew M8x20       | 8      | 16   |  | 68320382   | Lensscrew M5x20        | 4      |

75105669 Cover transparent

Package 1 of 1

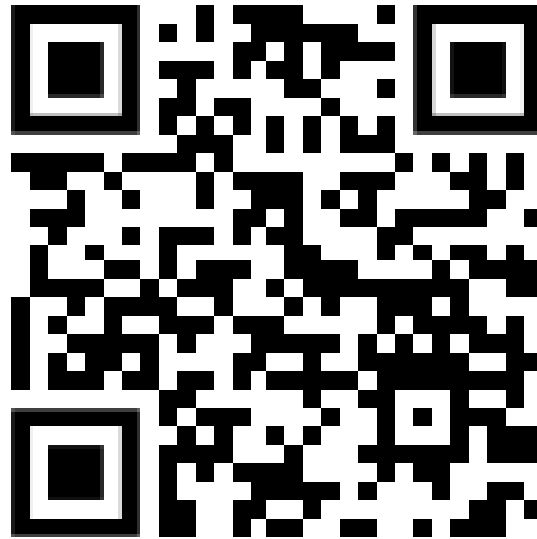
| Part | Picture                                                                           | Order. No. | Article     | Pieces |
|------|-----------------------------------------------------------------------------------|------------|-------------|--------|
| K1   |  | 75130301   | Upper Cover | 2      |
| K2   |  | 75130302   | Lower Cover | 2      |

# 75105670 Cover with CFK skin

Package 1 of 1

| Part | Picture                                                                           | Order. No. | Article           | Pieces |
|------|-----------------------------------------------------------------------------------|------------|-------------------|--------|
| L1   |  | 75105670   | Upper Cover left  | 1      |
| L2   |  | 75105670   | Lower Cover left  | 1      |
| L3   |  | 75105670   | Upper Cover right | 1      |
| L4   |  | 75105670   | Lower Cover right | 1      |

## Need help? Scan for help & resources



If you have any further questions about assembling this product or about the manual itself, please contact our support department. You can reach them at

[info@track-time.de](mailto:info@track-time.de)