

OP Child Rig

Manual – v0.3

General

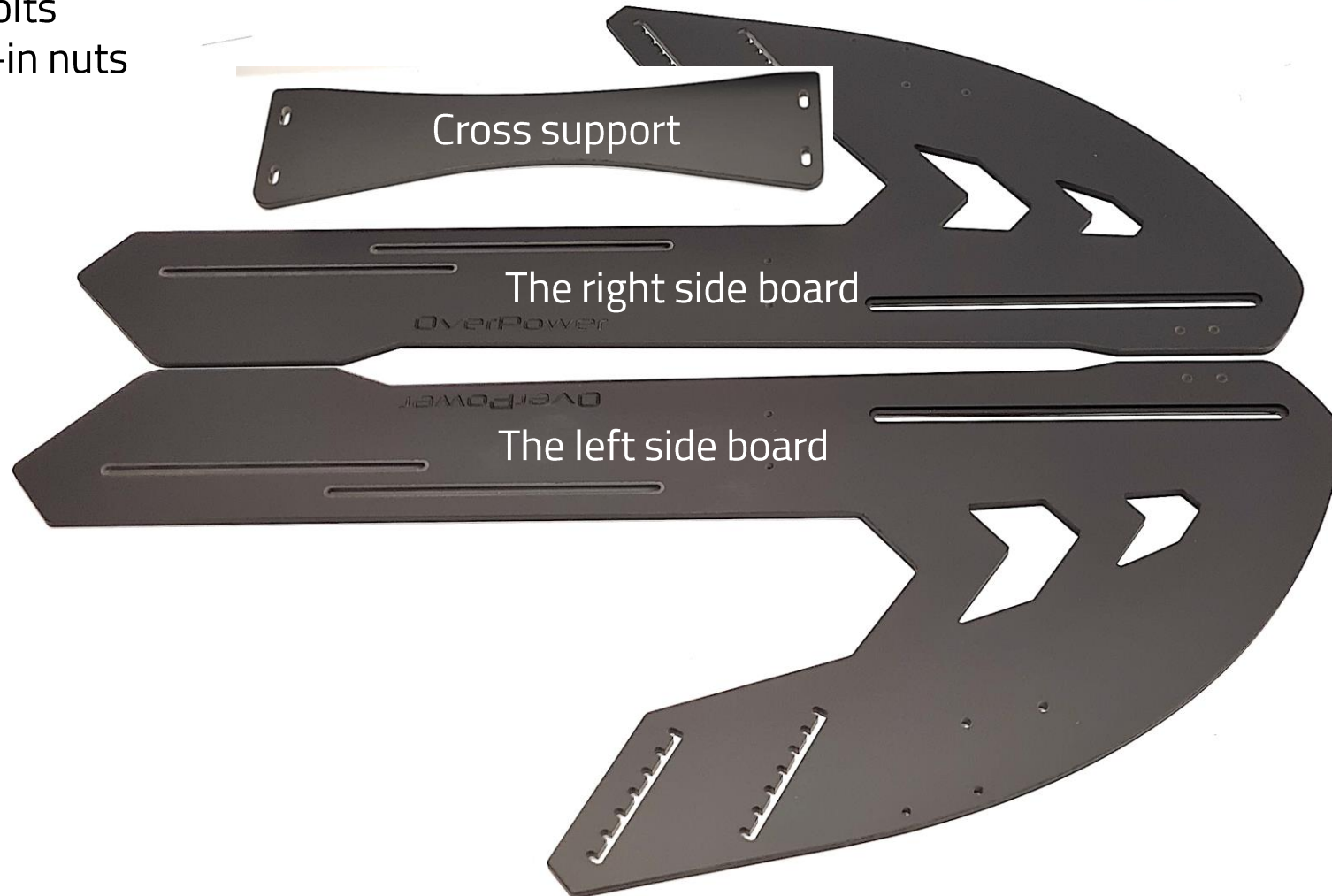
- Follow the instructions carefully step by step so that assembly goes as smoothly as possible.
- Handle the parts with extra care so that the assembly process does not cause cosmetic damage to the surface of the parts. Avoid excessive rubbing of surfaces and placing parts on hard surfaces.
- To clean dirty surfaces, we recommend mild general purpose cleaners and a microfiber cloth.
- Tighten all bolts tightly, but avoid over-tightening. Applying too much force can damage the threads and break the surfaces of the parts.
- The product contains small parts. Please make sure that small children cannot access them alone.
- If there are any problems with the product or if you have any questions about our products, please contact us at support@overpower.gg. We are happy to help!

Preparations

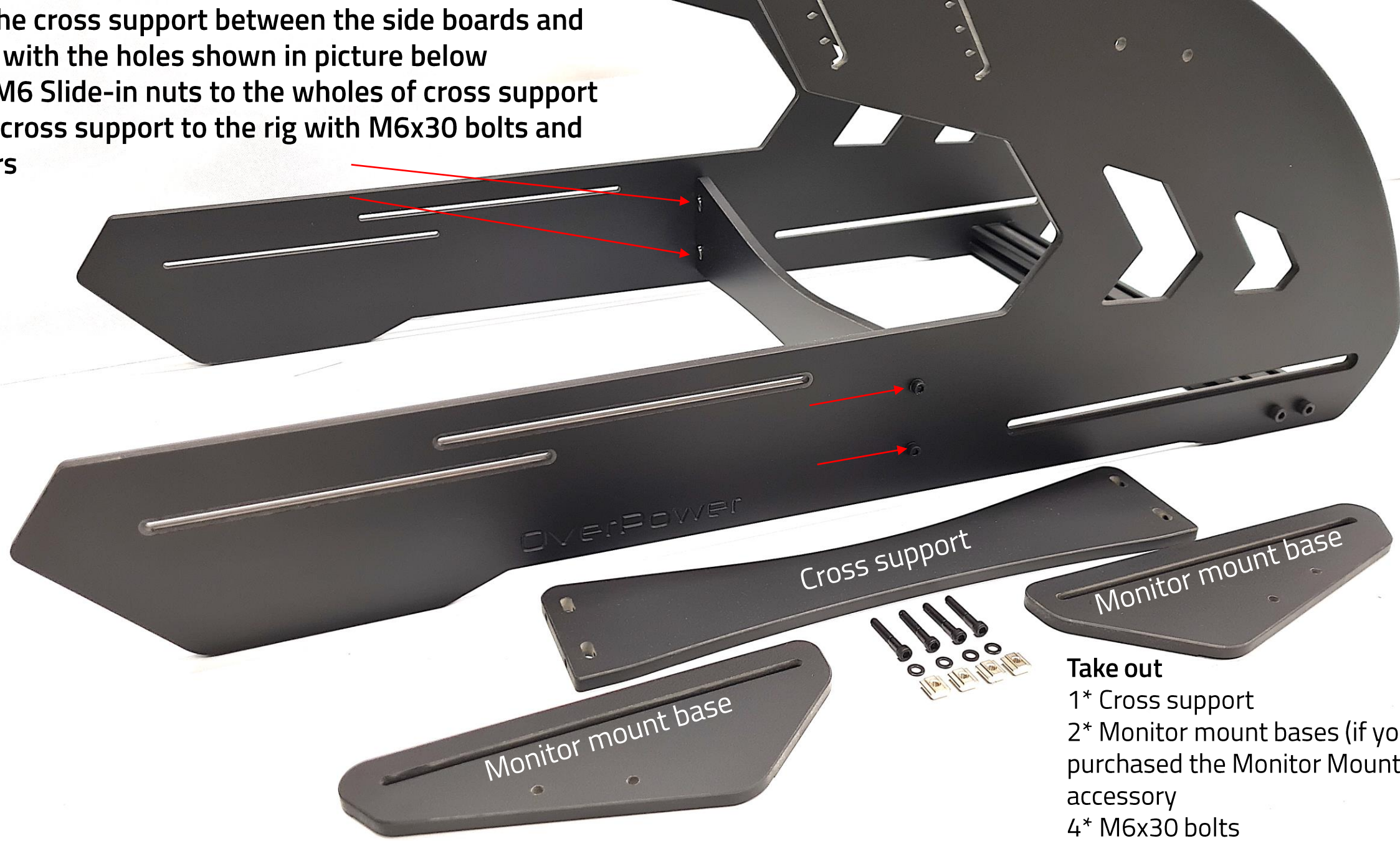
- Allow yourself enough space for assembly. If possible, use a carpet or some other soft material as an assembly base.
- First skim through the instructions to get an overall picture of the product and assembly process.
- Check that you have all the necessary parts included in the package
 - If any part is missing, please contact support@overpower.gg
- You should store the bolts in the small bags of the package and only take out the necessary amount. This way, all parts stay organized and stored.

Take out

- 1* The right side board
- 1* The left side board
- 1* Cross support
- 4* M6x30 bolts
- 4x M6 Slide-in nuts



Place the cross support between the side boards and align it with the holes shown in picture below
Insert M6 Slide-in nuts to the wholes of cross support
Attach cross support to the rig with M6x30 bolts and washers

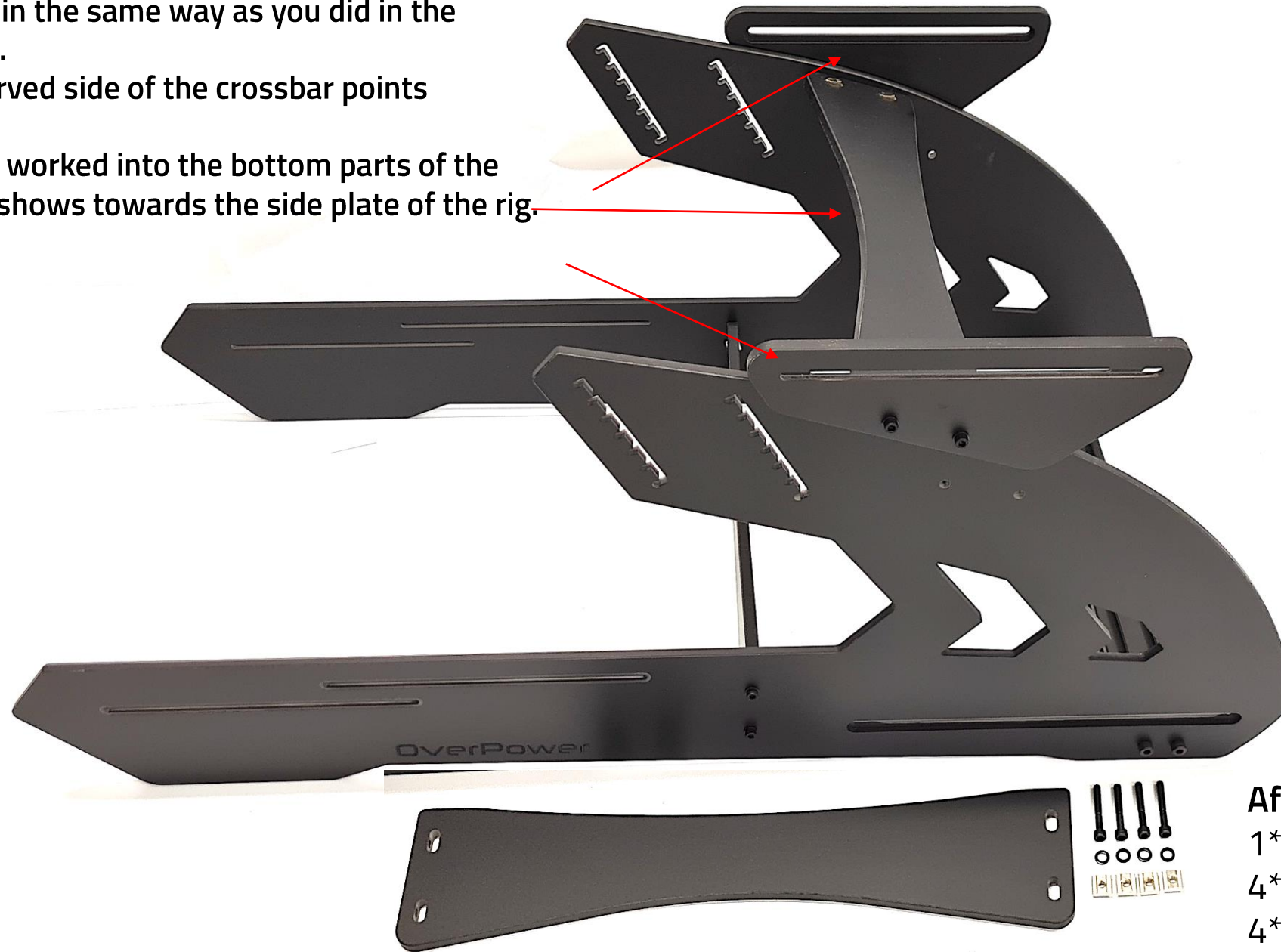


Take out


- 1* Cross support
- 2* Monitor mount bases (if you purchased the Monitor Mount accessory)
- 4* M6x30 bolts
- 4* M6 washers
- 4* 3030 M6 Slide-in nuts

Attach the monitor mount bases and cross support in the same way as you did in the previous page.

- The more curved side of the crossbar points backwards
- The thinning worked into the bottom parts of the display stand shows towards the side plate of the rig.

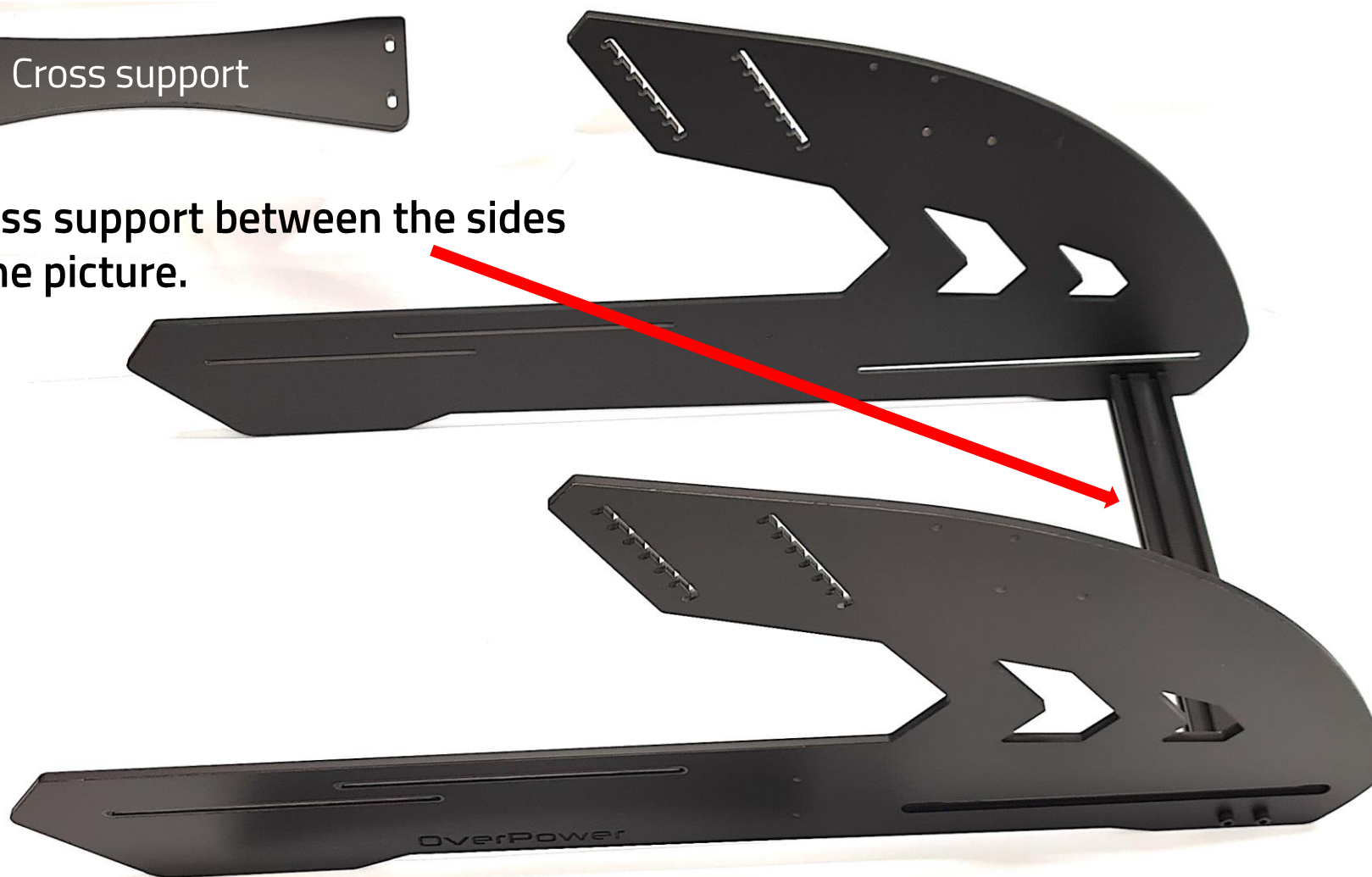


After that, take out
1* Cross support
4* M6x30 bolts
4* M6 washers
4* 3030 M6 slide-in nut



Cross support

Attach the cross support between the sides as shown in the picture.



Take out

2* 3030 arc 180mm aluminium profile

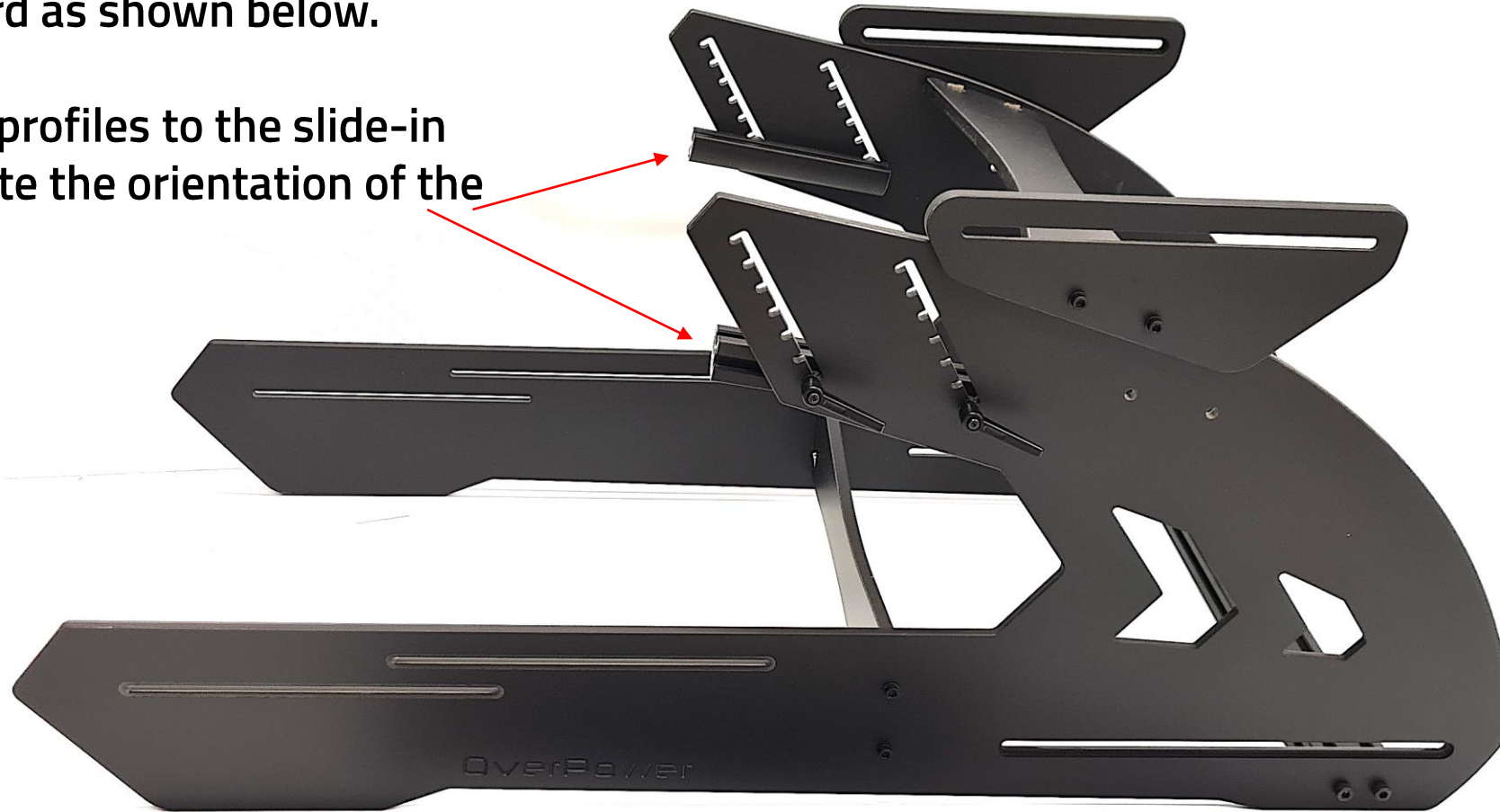
4* M6x18 Hand Levers

4* M6 Washers

4* 3030 M6 Slide-in nuts

Attach the M6 Hand lever and slide-in nut to the side board as shown below.

Slide in the arc profiles to the slide-in nuts. Please note the orientation of the profile.



Take out

1* Wheel plate

4* 3030 arc end-caps

4* M8x16 bolts

4* 3030 M8 Slide-in nuts

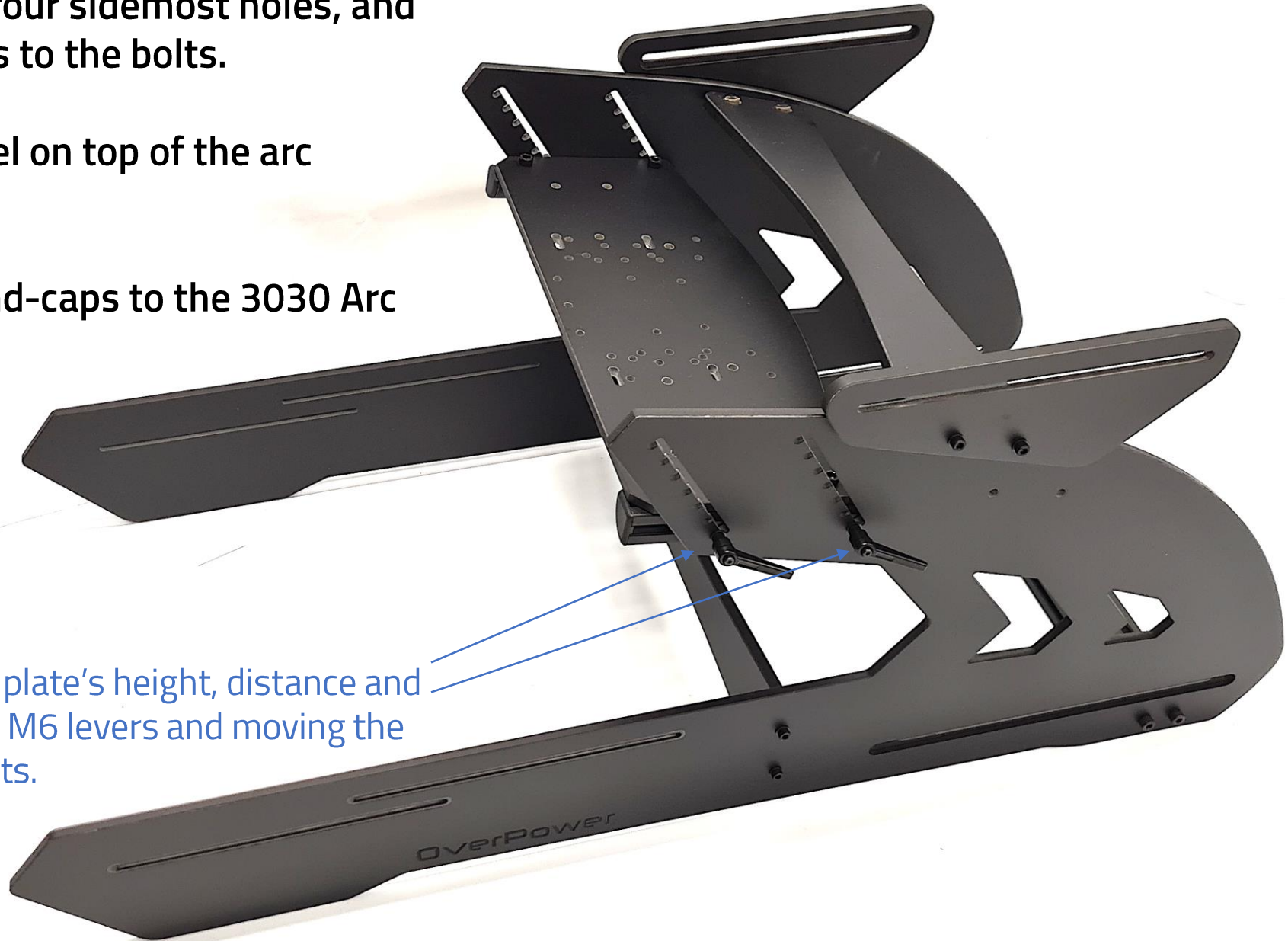


Insert the bolts to the four sidemost holes, and attach M8 Slide-in nuts to the bolts.

Slide the steering wheel on top of the arc profiles

Attach the 3030 Arc end-caps to the 3030 Arc profiles

You can adjust wheel plate's height, distance and angle by loosening the M6 levers and moving the wheel plate in the slots.



Take out

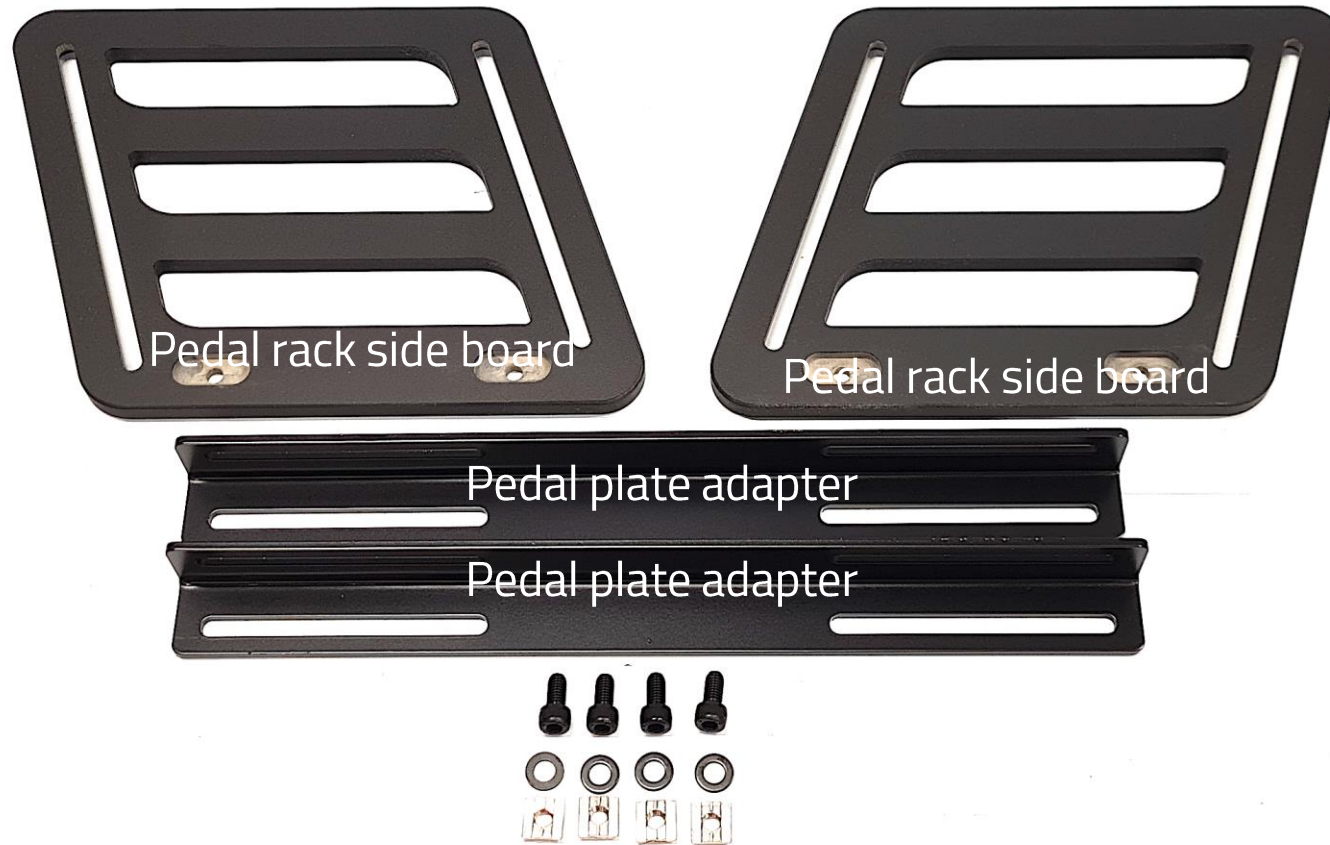
2* Pedal rack side boards

2* Pedal plate adapters

4* M8x16 bolts

4* M8 washers

4* 3030 M8 Slide-in nuts





Attach the angle brackets as shown in the picture in such a way that the slide-in nut comes into the recess milled on the opposite side.

Place the slide-in nut "upside-down" so that the smooth surface points towards the bolt. This ensures that the groove nut is unobstructed sliding when making adjustments.

Take out

4* M8x20 Hand levers

4* M8 Washers

4* 3030 M8 Slide-in nuts

By loosening these bolts from both sides, you can adjust pedal rack's height, distance and angle.



Fasten the pedal rack side boards on both sides to the inside of the rig as shown in the picture.

The slide-in nuts are placed the other way around again into the recesses on the sides of the pedal rack side boards.

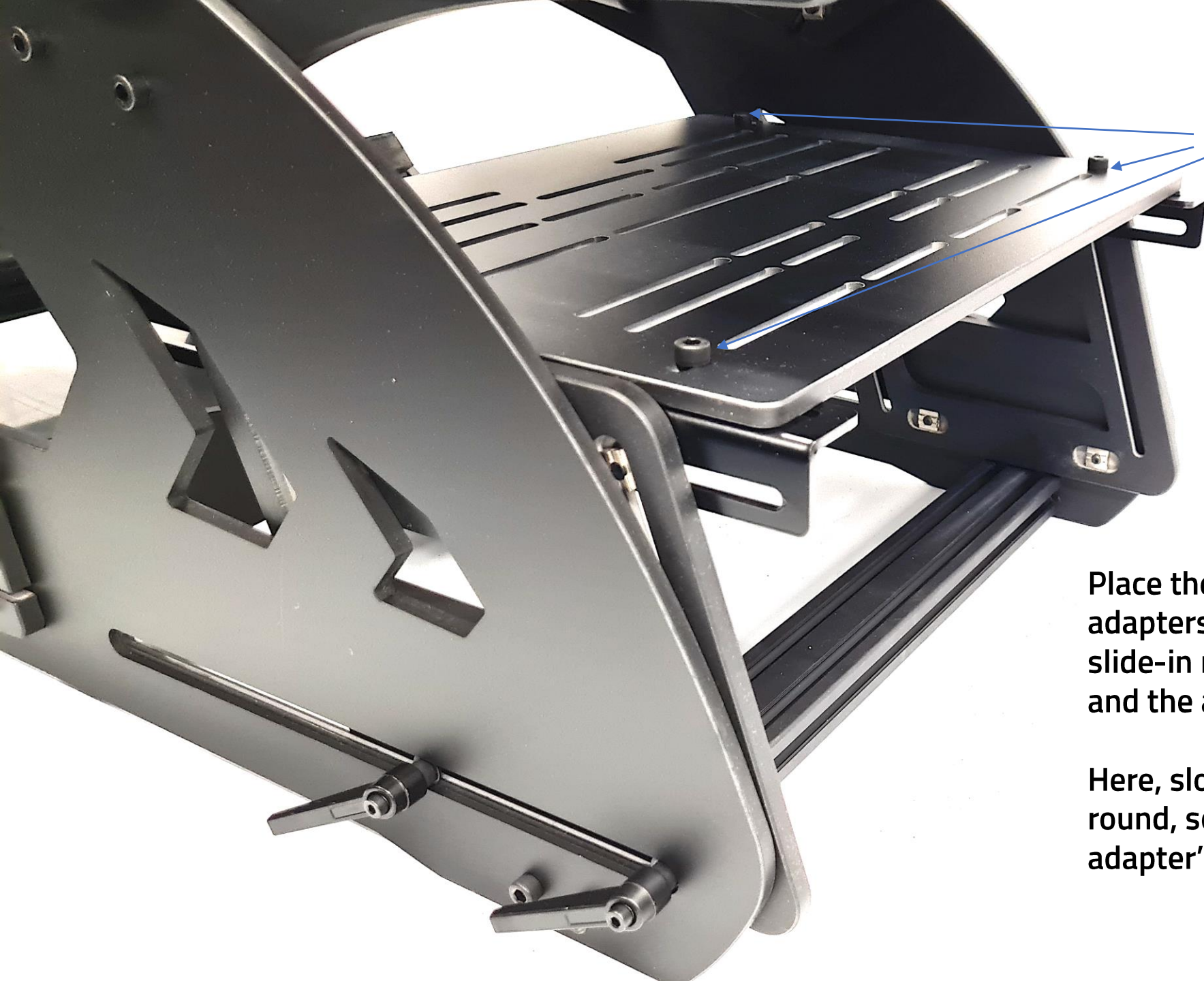
At this point you should make sure that the sides and angle brackets on both sides are Aligned by moving the pedal side boards to the most outward position.

Take out

- 1* Pedal rack
- 4* M8x20 bolts
- 4* 3030 M8 Slide-in nuts



By loosening the M8 levers, you can adjust the pedal rack's distance.



You can also adjust the pedal rack's distance by loosening these four bolts.

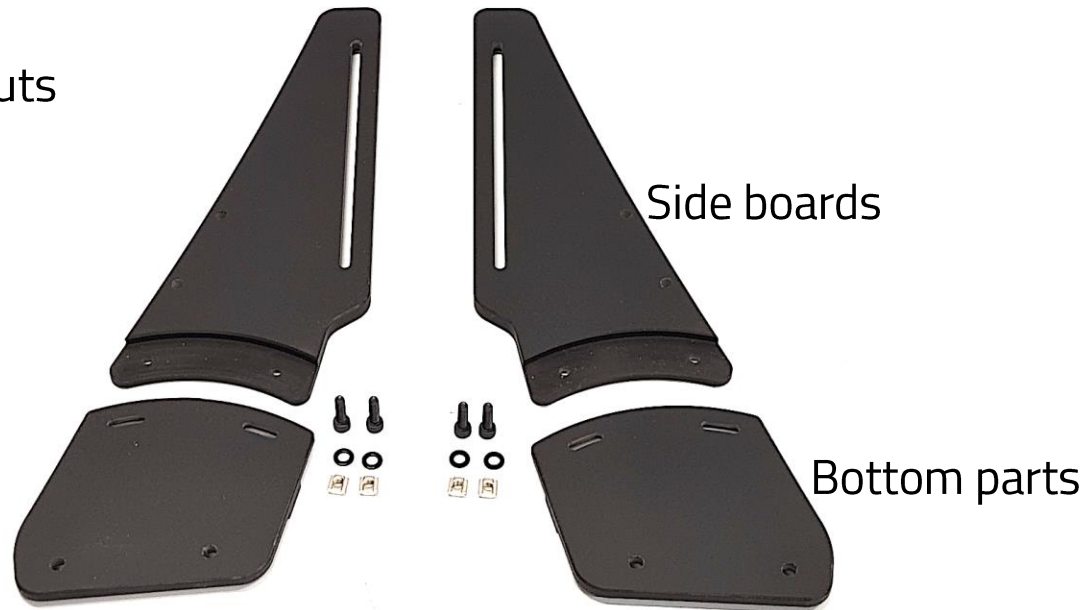
Place the pedal plate on top of the pedal plate adapters and fasten with bolts so that the slide-in nut comes through the pedal plate and the adapter to the adapter's slot.

Here, slotted nuts are used the right way round, so that they lock into the plate adapter's slot.

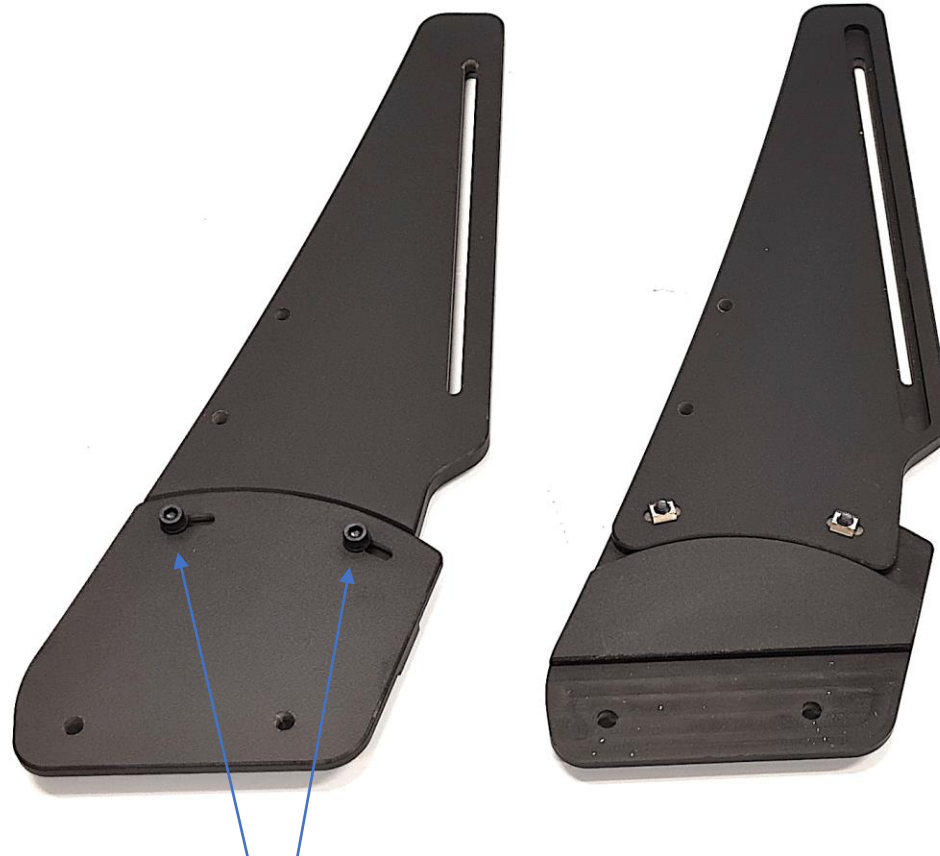
OP Child Rig Monitor Mount

Take out

- 2* Monitor Mount Side boards
- 2* Monitor Mount Bottom parts
- 4* M6x20 bolts
- 4* M6 washers
- 4* 2020 M6 Slide-in nuts



Assemble the sides of the Monitor Mount as shown below. The bolts comes to the outside of the side boards, and nuts are placed inside in the milled embedding for locking.



M6 pultteja löysäämällä voit säätää näytön kulmaa



Take out

- 1* Monitor Mount's cross support
- 1* Backboard
- 4* M6x40 bolts
- 4* M6 washers
- 4* 3030 M6 Slide-in nuts



Attach the cross support as shown in the picture.

First place the slide-in nut to the cross support's slot, then insert bolt through the side board with washer and tighten.

Attach the backboard in the same style.

- The backboard goes into the recess machined on the inside of the side.



Take out

4* M6x40 bolts

4* M6 washers

4* 3030 M6 Slide-in nuts

Attach the other side in a similar fashion



Take out

- 1* Vesa-mount
- 2* M8x20 Hand levers
- 2* M8 washers

Attach the VESA-Mount to the mount's backboard through the slots. The VESA-Mount has threads for handles.



When you're about to mount the actual monitor after the assembly is ready, unmount the VESA-mount, attach it to the monitor and mount it back to the Monitor Mount.

You can adjust the height of the monitor from the backboard or from the VESA-Mount

To attach the monitor mount, you need
4* M8x20 bolts
4* 3030 M8 Slide-in nuts





Lift the Monitor Mount into place and attach it with bolts and nuts as shown in the picture.

- Nuts work best if they are used with a smooth surface towards the bolt and installed upright.

Take out

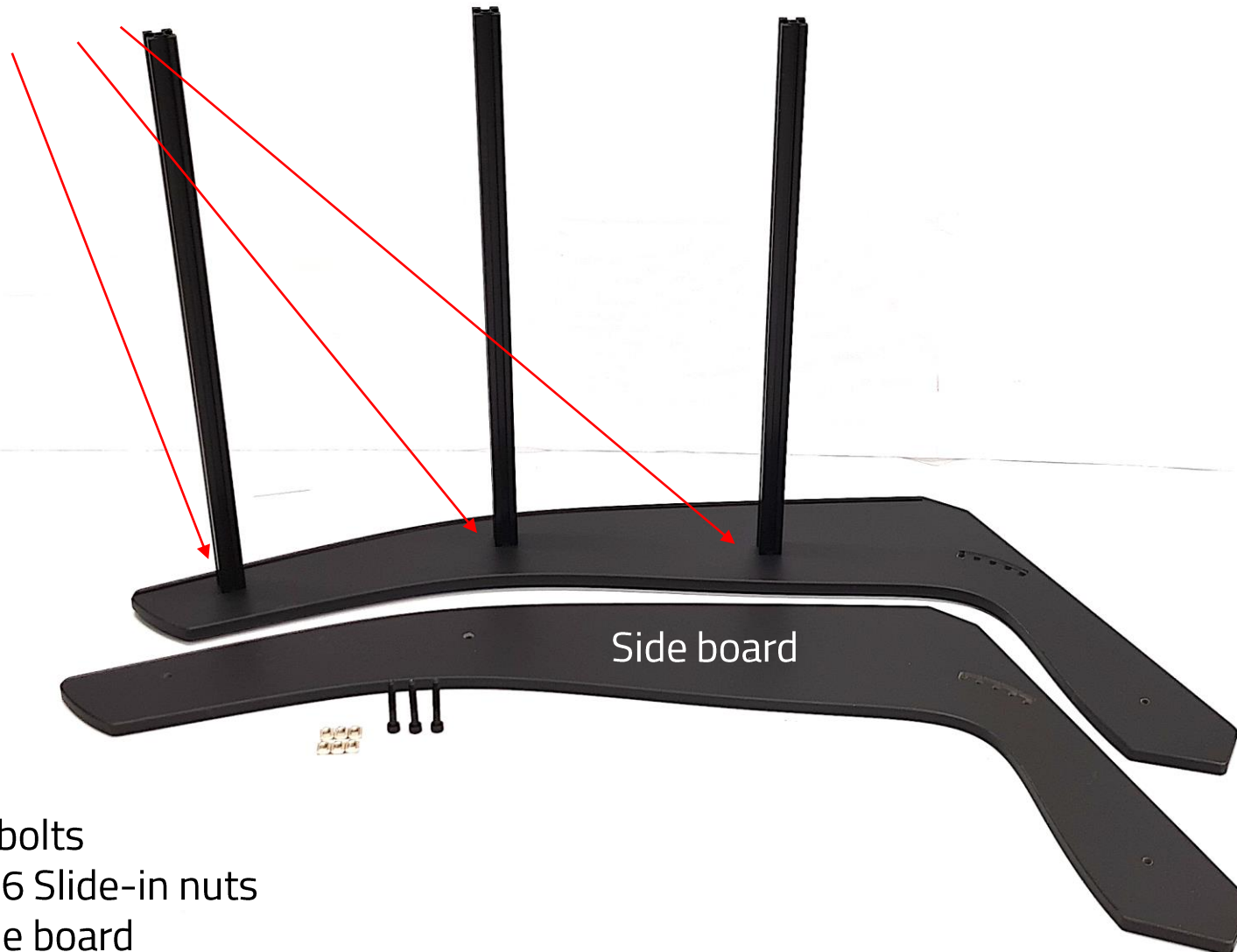
1* Seat side board

3* M6x30 bolts

3* 2020 471mm aluminium profiles



Attach the aluminum profiles as shown in the picture to the inside of the side board.



Take out

- 3* M6x30 bolts
- 6* 2020 M6 Slide-in nuts
- 1* Seat side board

Slide 2 nuts into each profile as shown in the picture.
After that, fasten the second side plate with bolts.



2* 2020 M6 Slide-in nuts

Take out

4* M6x40 Hand levers

4* M6 washers

2* 2020 M6 Slide-in nuts

2* 2020 471mm aluminium profiles





2* 2020 M6 Slide-in nuts

Place the nuts in the profile and place the seat between the sides of the rig. Attach loosely the profile with M6 Hand levers and washers.

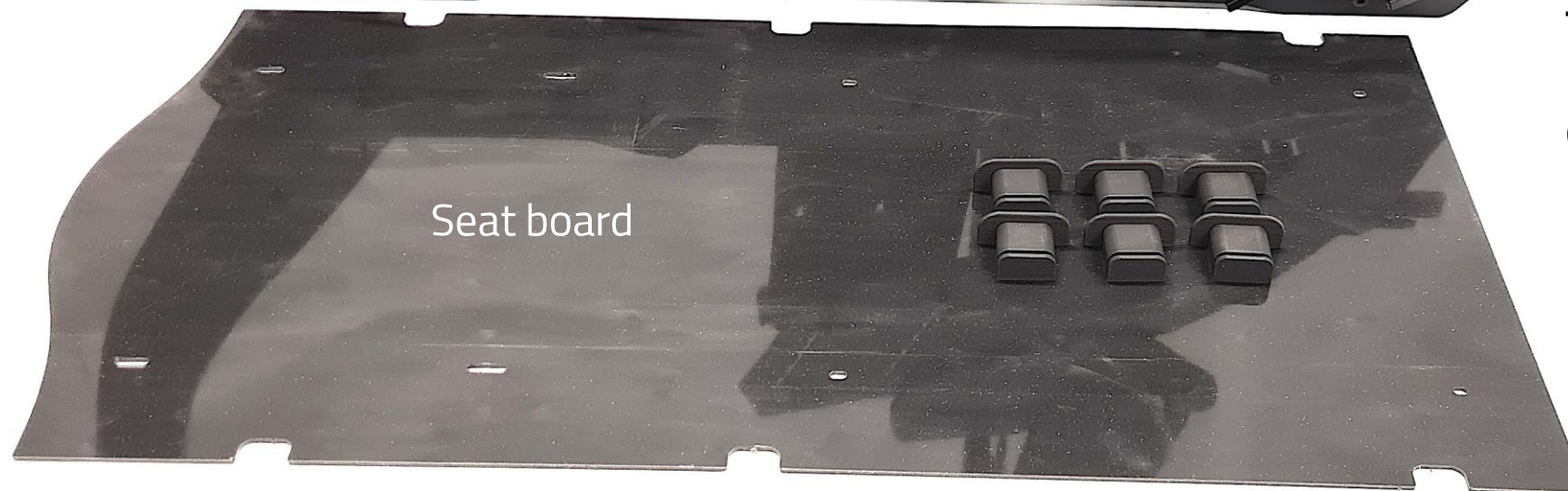


1
2
Attach the front profile with the handles as in the picture. After that, raise the bench slightly and insert handles to the slots.

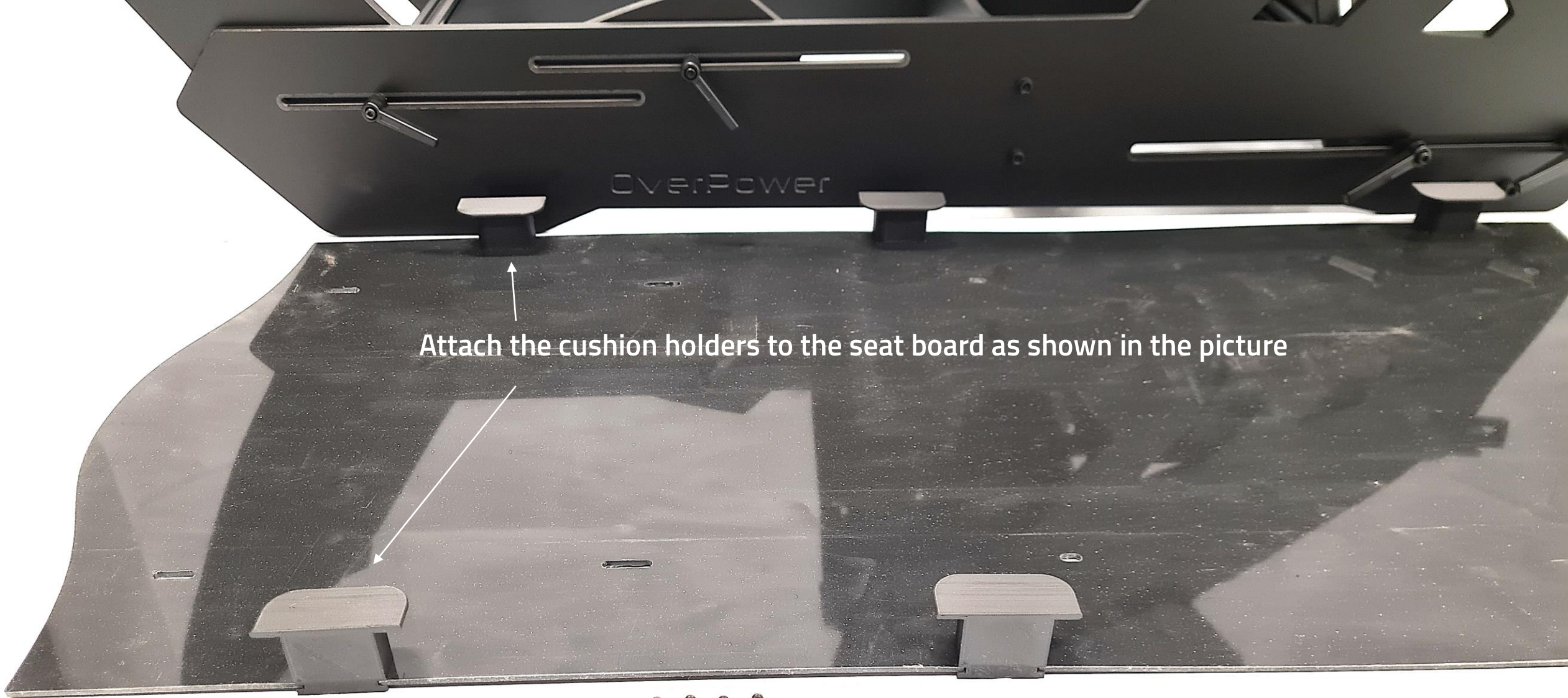
Attach the rear profile with the handles in the same way than the previous one.
- *With these handles you can adjust the angle of the seat*

Place with a measure or by measuring with the seat plate all slotted nuts about 8 cm from the edge





Take out
1* Seat board
6* Cushion holders

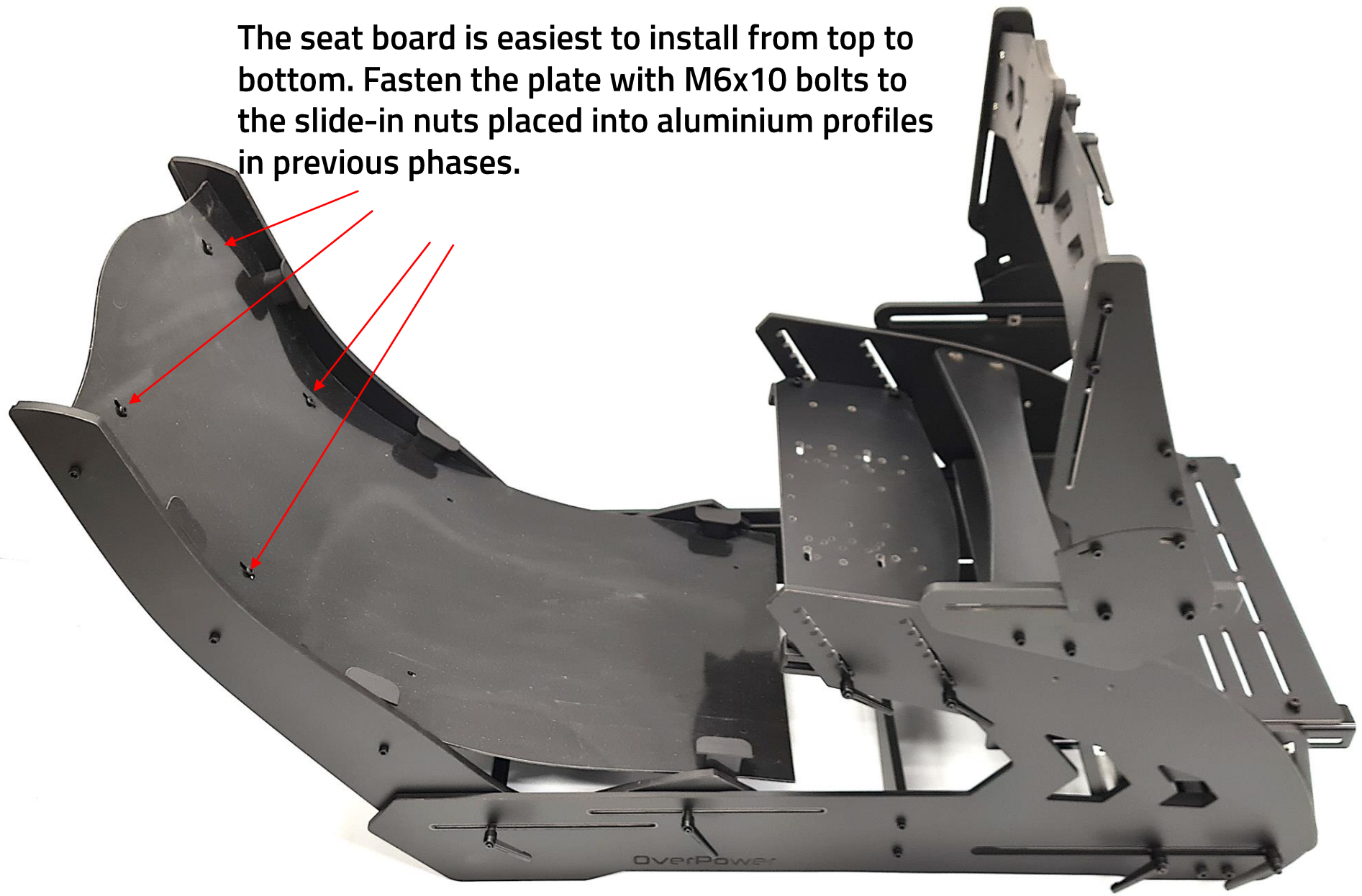


Attach the cushion holders to the seat board as shown in the picture



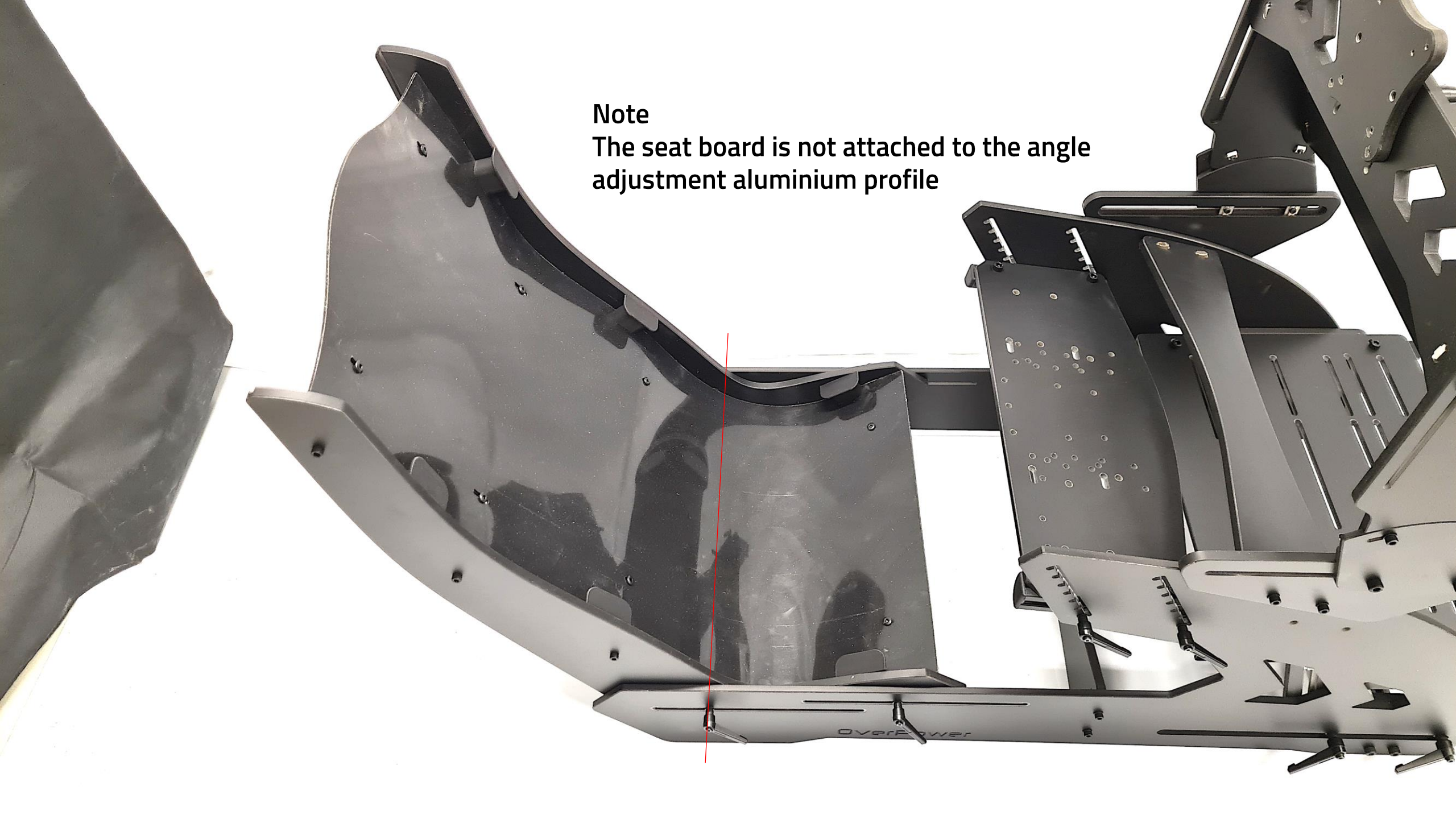
Take out
8* M6x10 bolts

The seat board is easiest to install from top to bottom. Fasten the plate with M6x10 bolts to the slide-in nuts placed into aluminium profiles in previous phases.



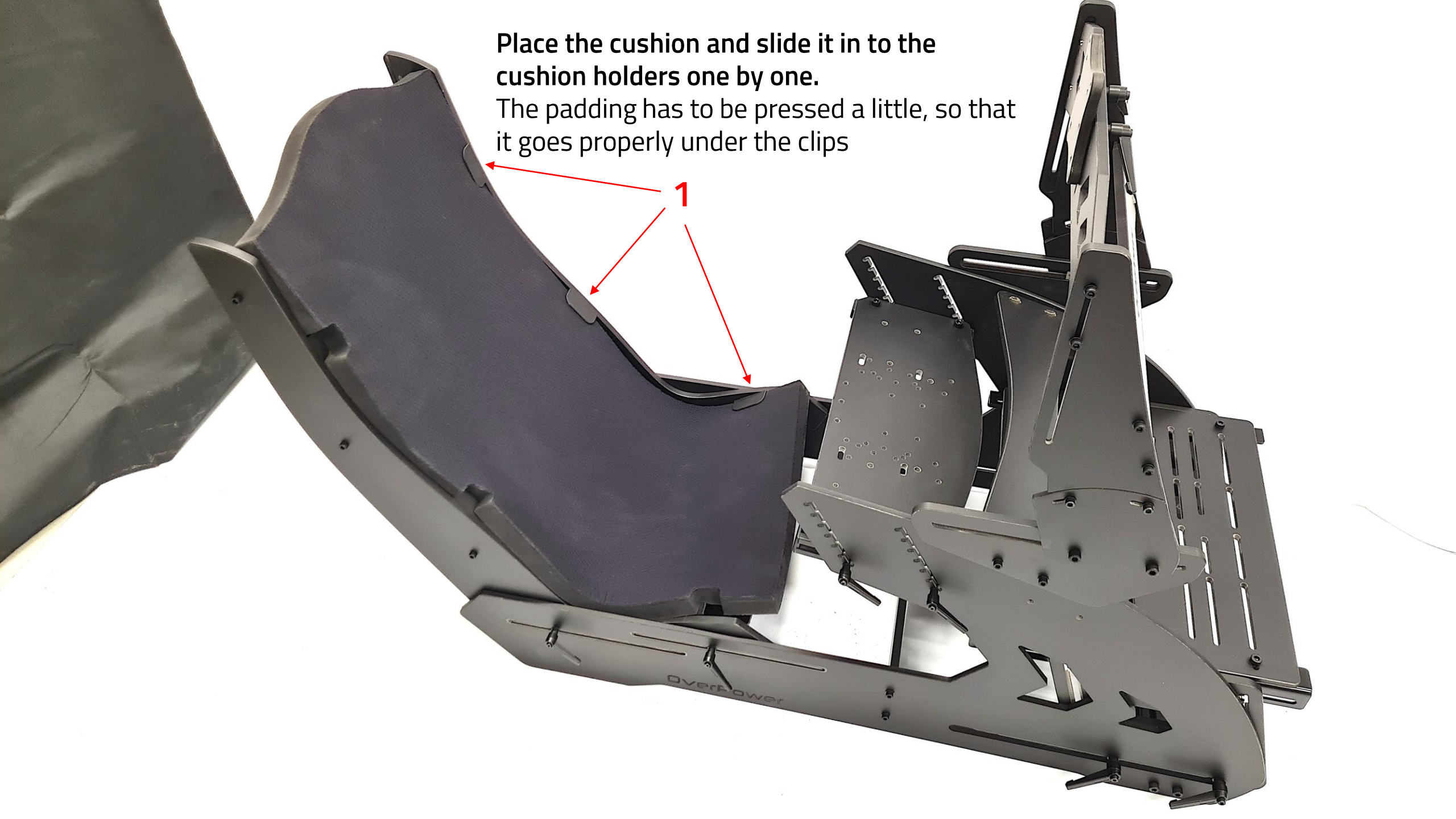
Note

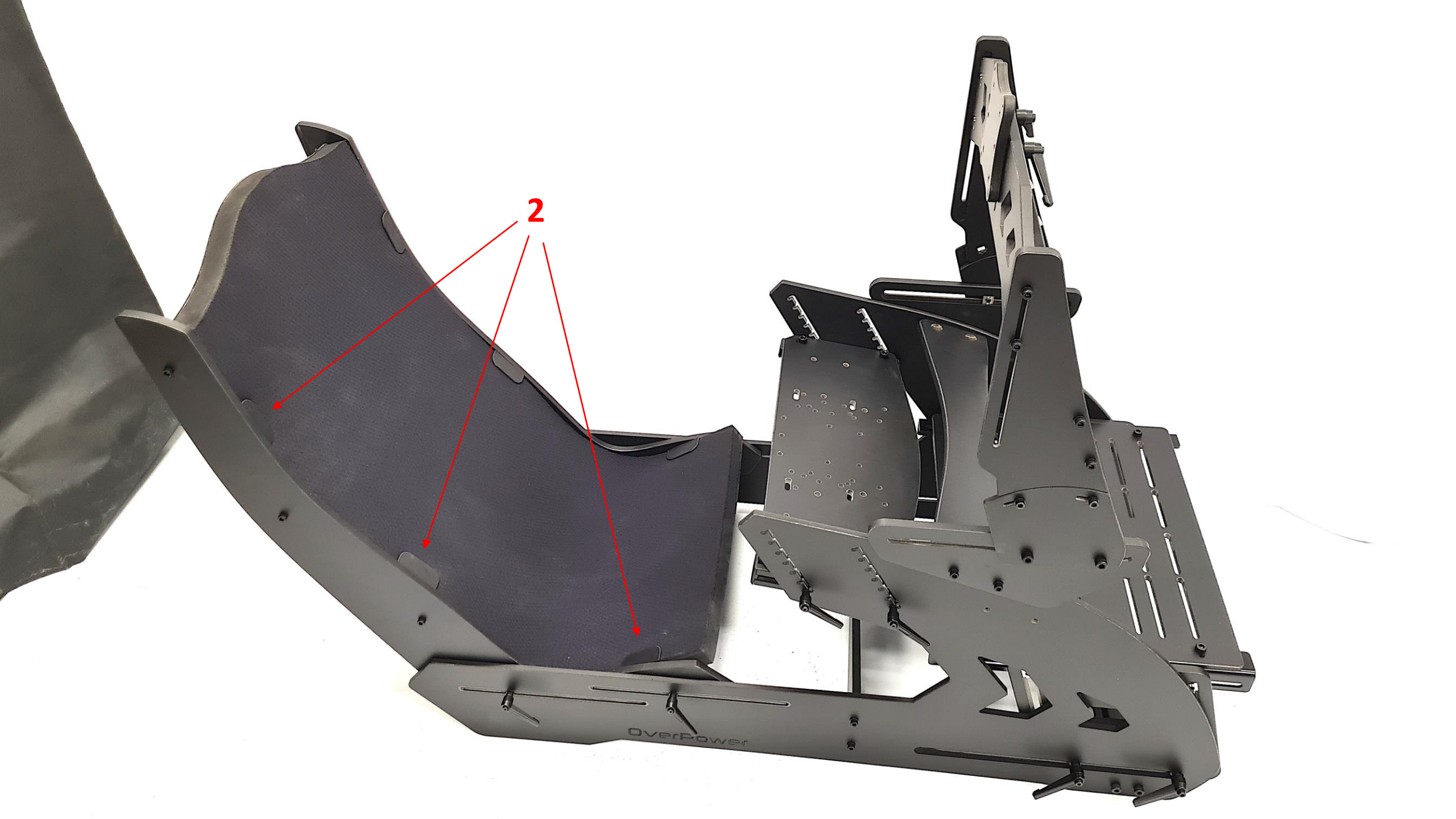
The seat board is not attached to the angle adjustment aluminium profile



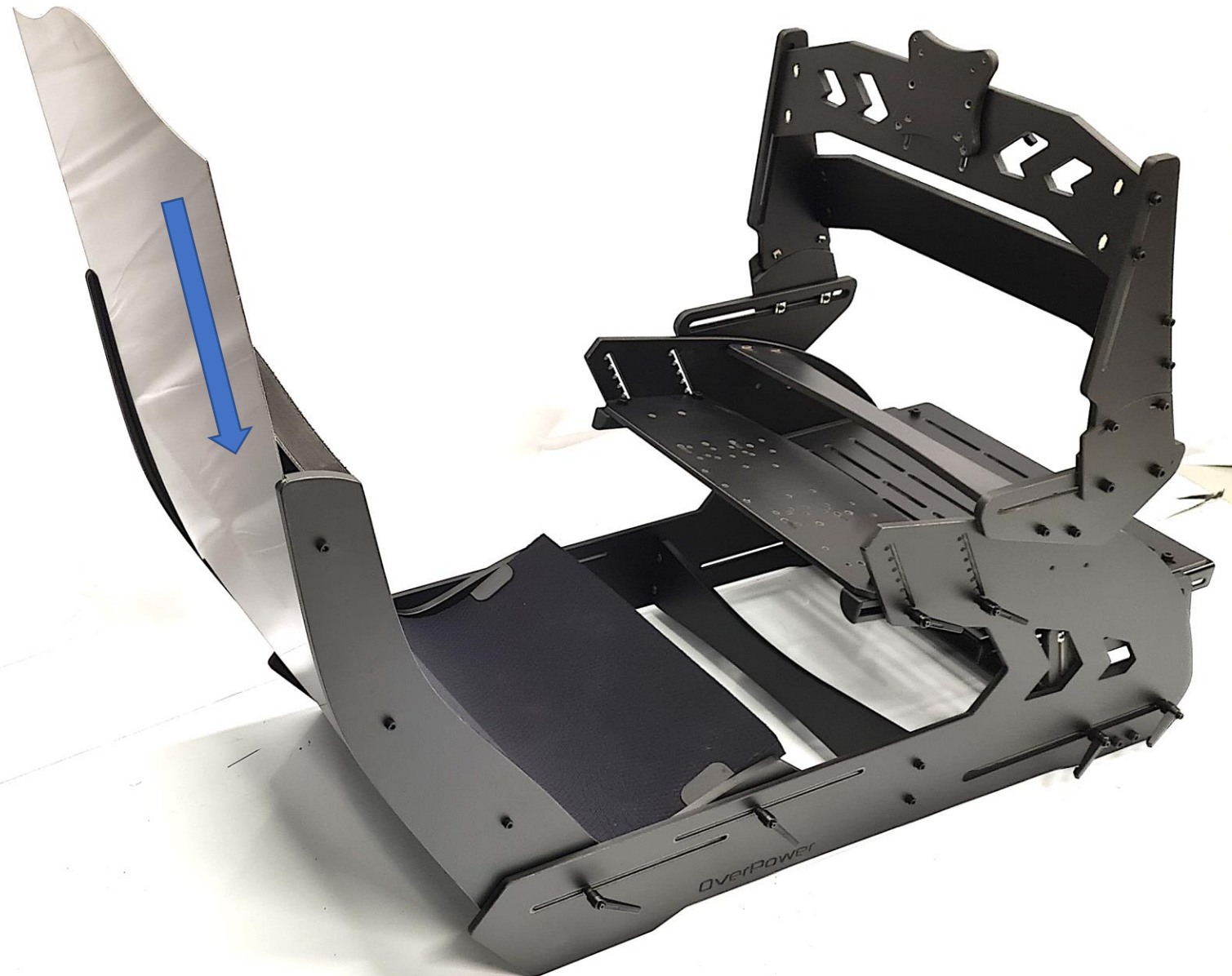
**Place the cushion and slide it in to the
cushion holders one by one.**

The padding has to be pressed a little, so that
it goes properly under the clips

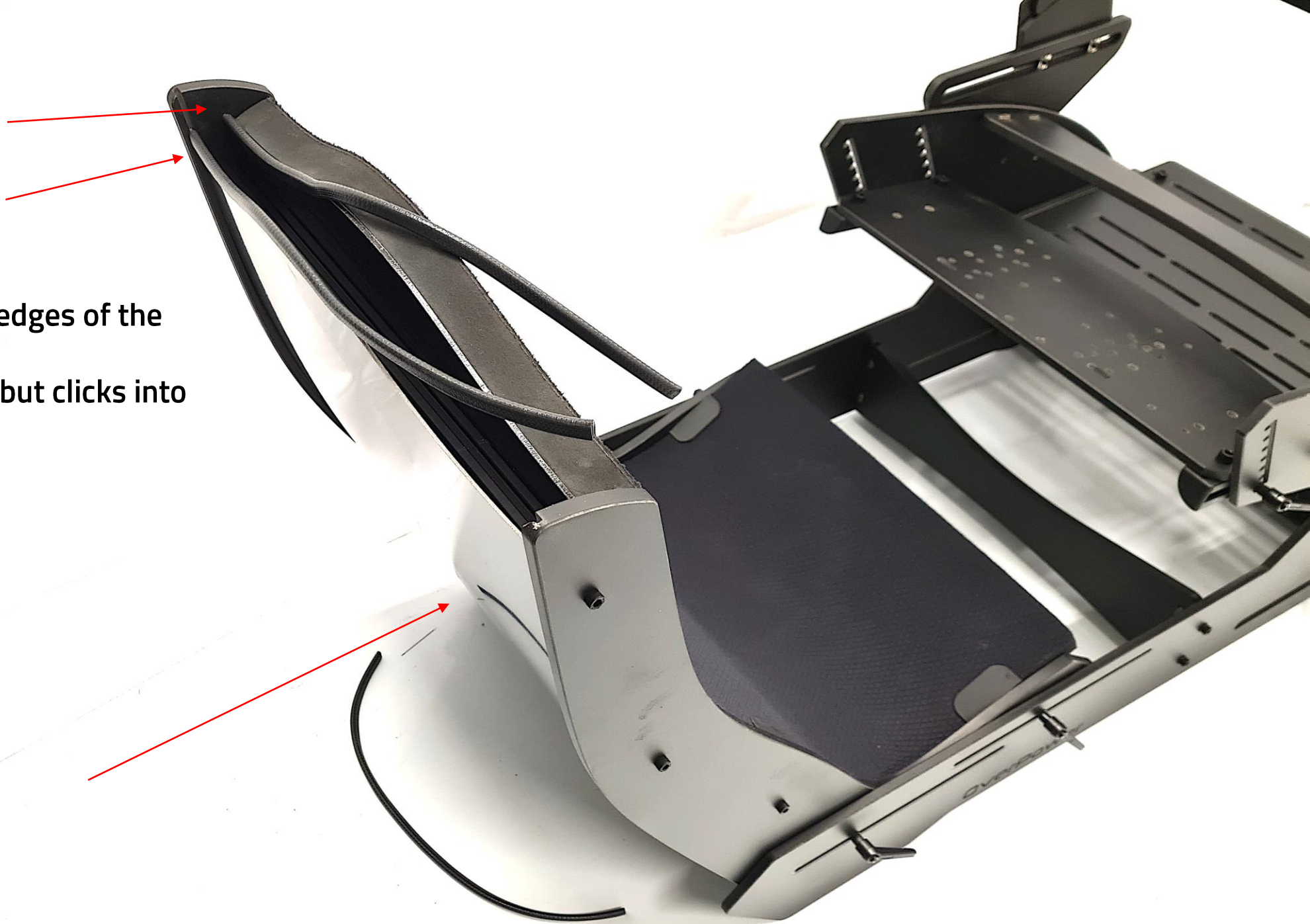




Slide in the backboard



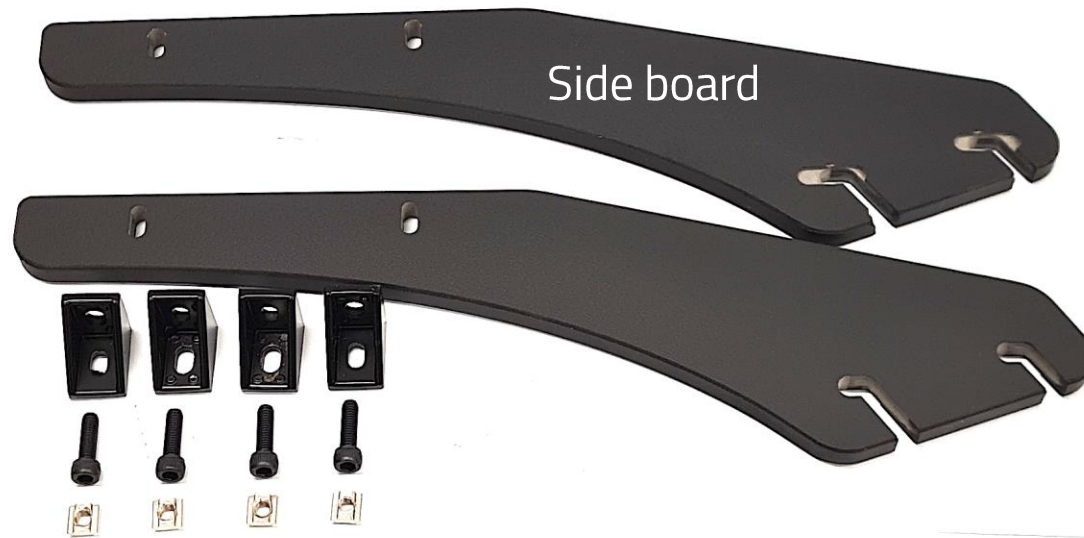
Finally, cover the sharp edges of the plates with u-strips.
It's a bit tight to put on, but clicks into place.



OP Gaming Platform Tray for Child Rig

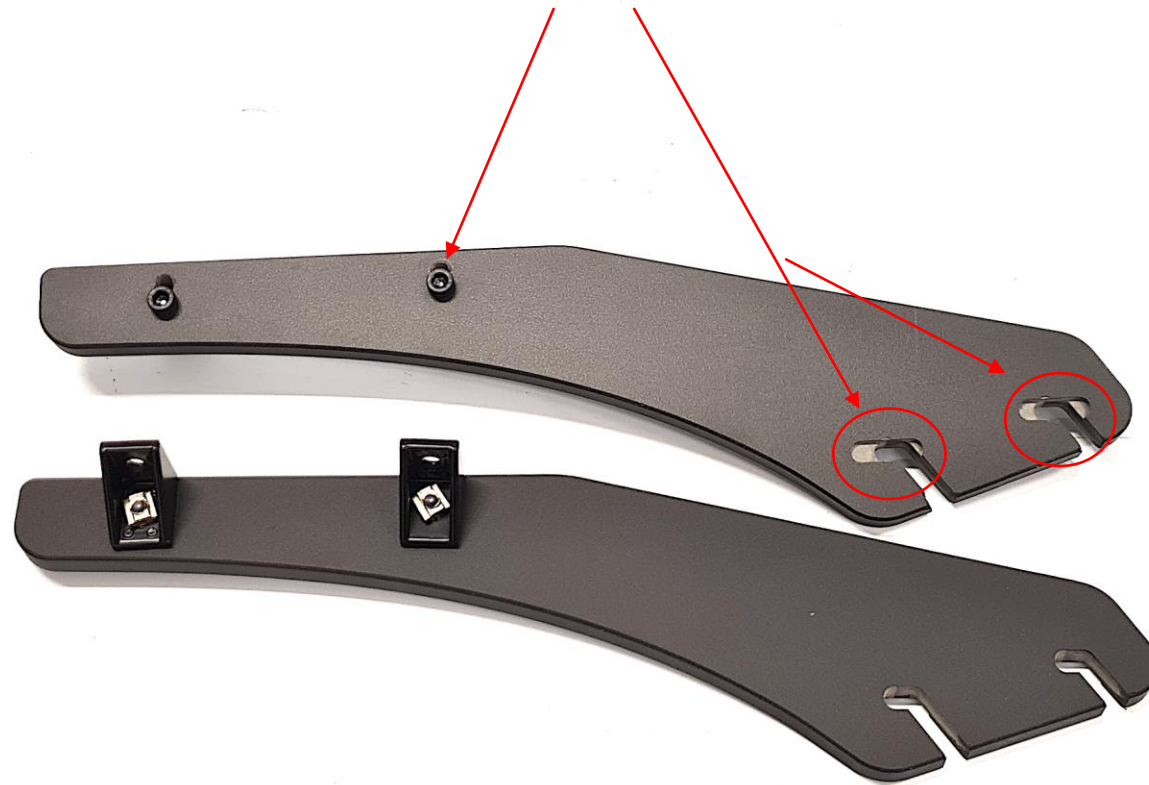
Take out

- 2* Side boards
- 4* 2020 corner brackets
- 4* M6x20 bolts
- 4* 2020 M6 Slide-in nuts



Attach the corner brackets to the sides as shown in the picture

Note that the bolt comes on the same side as the side machined inlay



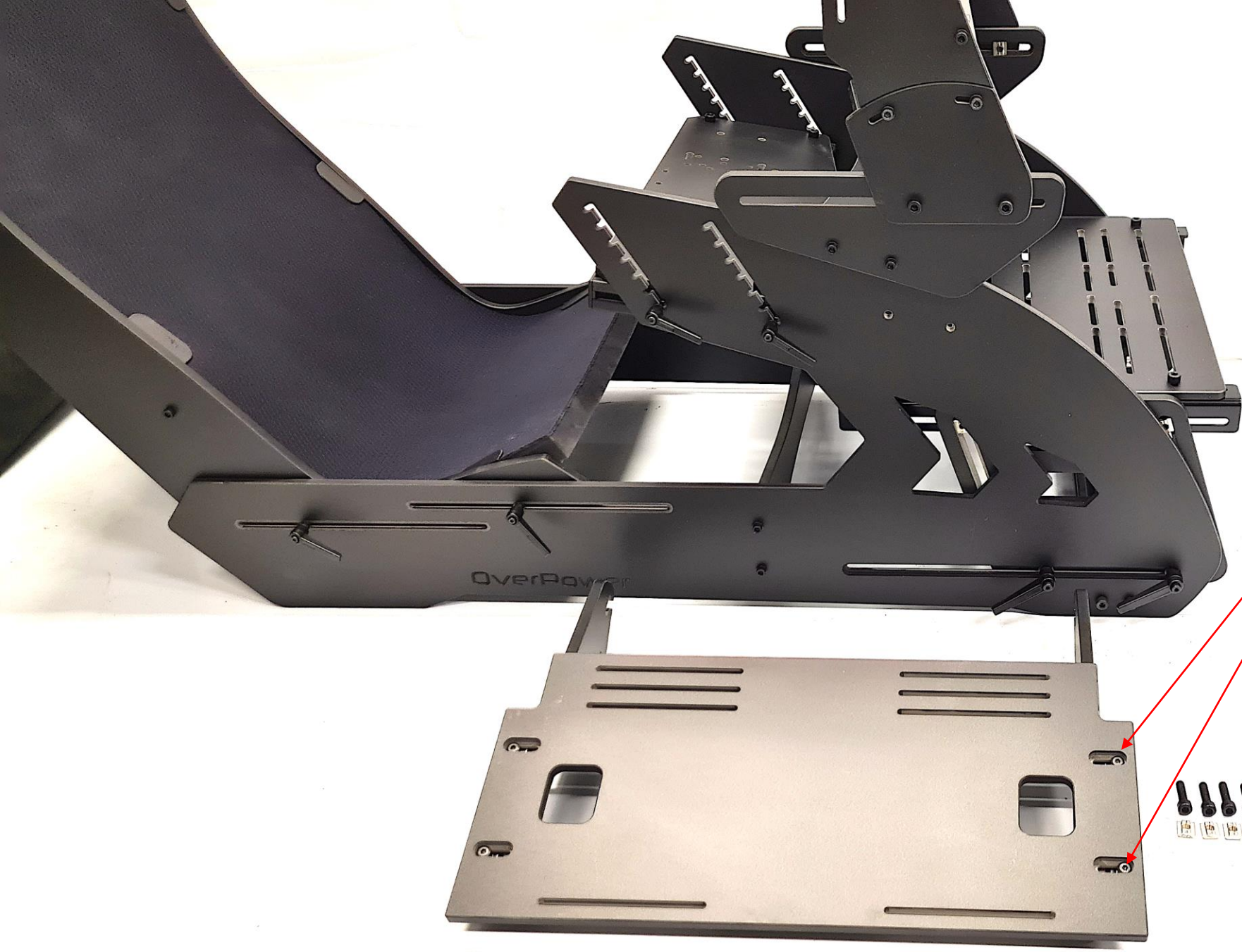
Take out

1* Base board

4* M6x12 bolts

4* 2020 M6 Slide-in nuts





**Attach the side board to the base board
as shown in the picture**

**- The bolt goes into the base board's
slot and nut into the corner bracket
below**



Take out
4* M8 x 30 bolts
4* 3030 M8 Slide-in nuts



Attach the Gaming Platform Tray to the Child Rig's sides from the side through the holes.
Nuts lock on the inside of the machined inlays.

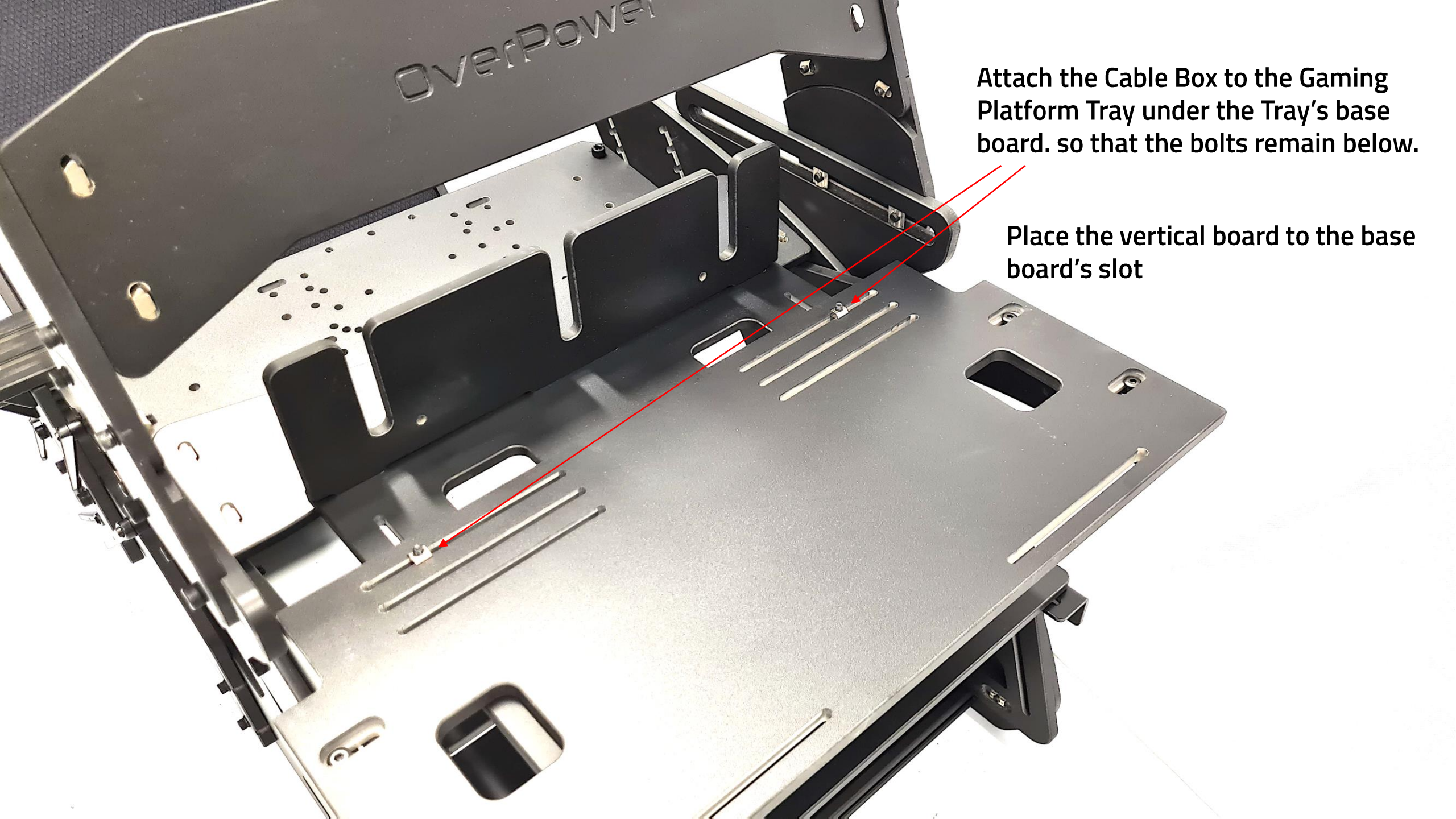
OP Cable Box



Take out

- 1* Base board
- 1* Vertical board
- 2* M6x30 Bolts
- 2* M6 Washers
- 2* 2020 M6 Slide-in nuts





OverPower

Attach the Cable Box to the Gaming Platform Tray under the Tray's base board. so that the bolts remain below.

Place the vertical board to the base board's slot

Shifter & handbrake mount for OP Child Rig



Take out

2* Vertical boards

4* 2020 Corner brackets

4* M6x20 Bolts

4* 2020 M6 Slide-in nuts

Machining around the hole
doesn't exist anymore

Attach the corner brackets to the vertical boards. Nuts goes inside the corner brackets.



Horizontal board

Take out

2* Horizontal board

4* M6x16 Bolts

4* 2020 M6 Slide-in nuts



Attach the horizontal boards to the corner brackets so that the bolt comes to the side of the corner bracket and the nut remains hidden in the horizontally machined part into the recess.

You can adjust the mount horizontally with loosening these bolts.



Take out

- 1* Base board
- 4* M8x30 Bolts
- 4* M8 Washers
- 4* 3030 M8 Slide-in nuts

Attach the racks to the base part as shown in the picture.



With loosening these bolts, you can adjust shifter and handbrake horizontally, vertically and distance-wise.

Attach the mount to the place indicated
in the picture with the M6x40 bolts on
the rig.

