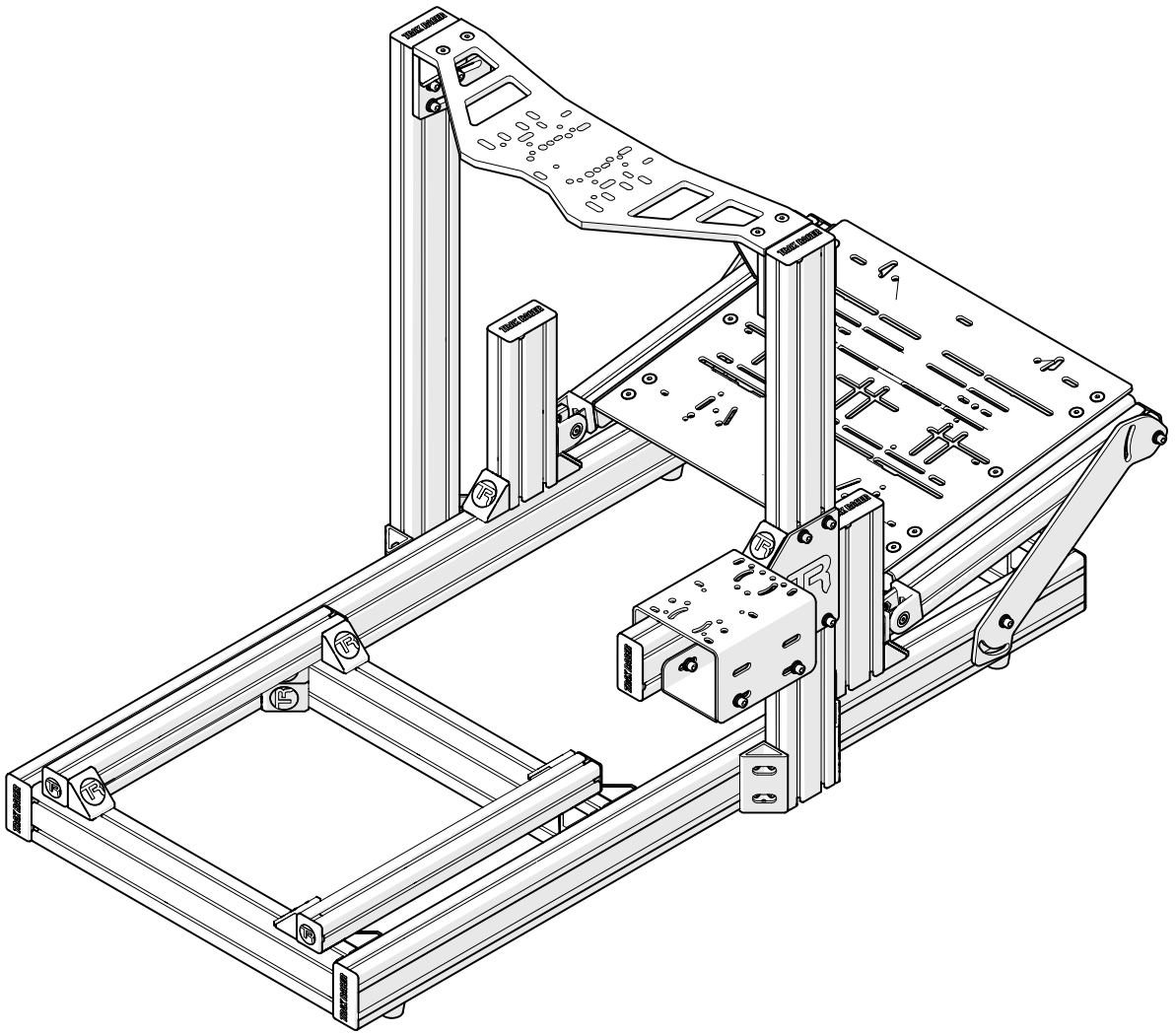
TR80

Assembly Guide



IMPORTANT: As there are different versions of each rig depending on your region, please ensure that you are using the correct instruction set. The part number below should match the part number labeled on your box

TR805-BLK

TRAK RACER

Published 2022-07-17

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IMPORTANT: As there are different versions of each rig depending on your region, please ensure that you are using the correct instruction set. The part number below should match the part number labeled on your box

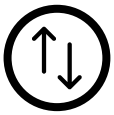
IMPORTANT: Due to the nature of cut aluminium profile, some metal shavings may still be present after our extensive QA cleaning process. We recommend that boxes and packaging is opened on a hard floor.

NOTE: Some screws and washers are pre-installed. These will be part of the parts list and will need to be loosened and reattached according to the instructions.

Two people needed

Tighten hardware

Leave hardware loose for adjustment


Make Adjustment

Break tab off Corner bracket CB1

Safety glasses needed

Attention / Priority

Reserve for following step

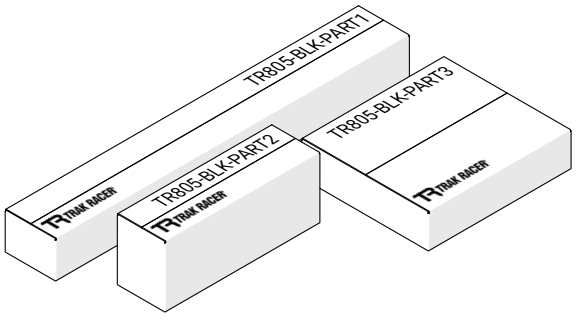
Mirrored Components (Same on both sides)

IMPORTANT: As there are different versions of each rig depending on your region, please ensure that you are using the correct instruction set. The part number below should match the part number labeled on your box

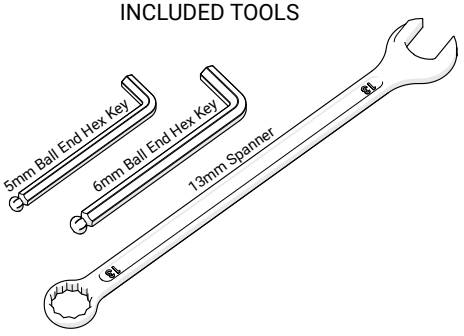
TR805-BLK PARTS LIST

Part #	Description	QTY	Check
BOX #: TR805-BLK-PART1			
PS-1200-R	Profile strip, 1200mm Red	4	
PS-460-R	Profile strip, 460mm Red	2	
AL-80-1200	Aluminum Profile, 40x80x1200mm	2	
AL-80-780	Aluminum Aluminum Profile, 40x80x780mm	2	
AT-40-400	Aluminum Profile (Threaded), 40x40x400mm	2	
AL-40-460	Aluminum Profile, 40x40x460mm	2	
BOX #: TR805-BLK-PART2			
EC-40	End Cap, 40x40	6	
EC-80	End Cap, 40x80	9	
FR-01	Feet, Rubber	4	
SH-M6-20	Screw (Hex), M6x20	4	
NS-M6	T-Nut (Spring), M6	4	
CC-01	Cable Management clips	10	
TK-M8	Tool Kit, M8	1	
NF-M8	Nut (Flange), M8	12	
WF-M8	Washer (Flat), M8	30	
WL-M8	Washer (Lock), M8	26	
SH-M8-16	Screw (Hex), M8x16	8	
SH-M8-20	Screw (Hex), M8x20	22	
SF-M8-20	Screw (Flat), M8x20	10	
SL-M8-20	Screw (Handle) M8x20	4	
SS-01	Seat Slider	1	
NS-M8	T-Nut (Spring), M8	28	
PP-80-TP	Pedal Plate, TR80 Top Plate	1	
PP-NP-LB	Pedal Plate, L Bracket	2	
BP-80-H	Bracket (Plate), 80, Horizontal	1	
AJ-4040	Adjustable joint	2	
PP-80-SM	Pedal Plate, TR80 Side Mount	2	
BA-80-BLK	Bracket, Anodized corner, 40x80, Black	4	
BOX #: TR805-BLK-PART3			
BC-40	Bracket, Corner with Cap, 40x40	22	
WF-M8	Washer (Flat), M8	46	
WL-M8	Washer (Lock), M8	46	
SH-M8-20	Screw (Hex), M8x20	46	
NS-M8	T-Nut (Spring), M8	62	
AL-80-500	Aluminum Aluminum Profile, 40x80x500mm	3	
AL-80-240	Aluminum Aluminum Profile, 40x80x240mm	2	
AL-80-300	Aluminum Aluminum Profile, 40x80x300mm	1	
SM-01	Shifter Mount	1	
SM-02	Shifter Bracket	1	
SH-M8-16	Screw (Hex), M8x16	16	

* **NOTE:** Extra hardware may be included as spare parts

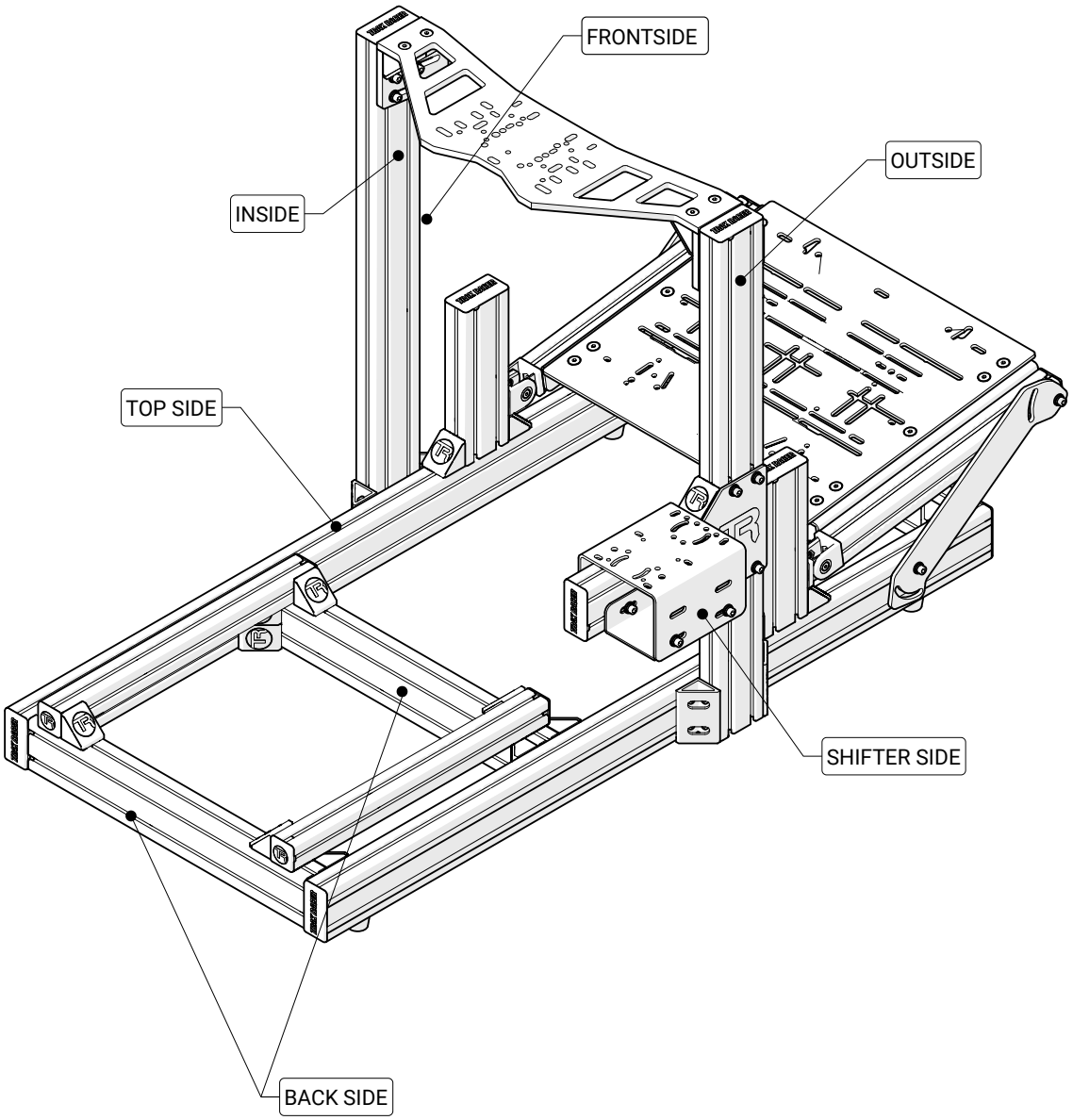


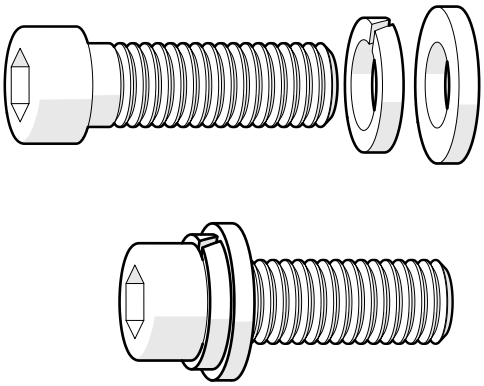
INCLUDED TOOLS

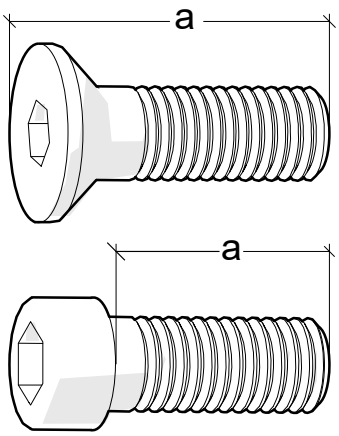


If you have any issues, please contact us at ***support@trakracer.com***

NOTE


FRONTSIDE
OUTSIDE
INSIDE
TOP SIDE
SHIFTER SIDE
BACK SIDE

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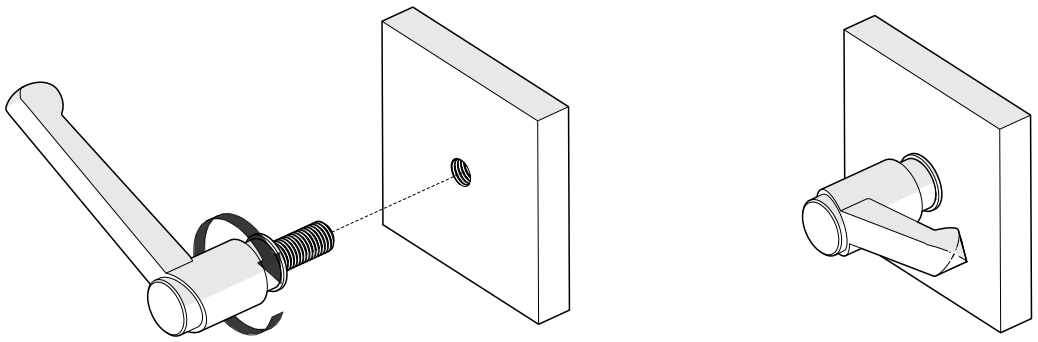
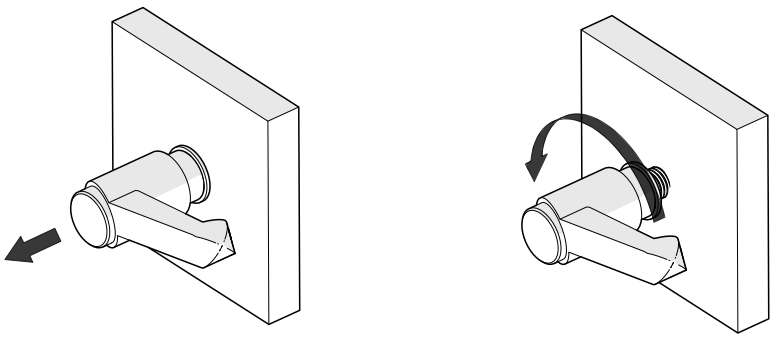
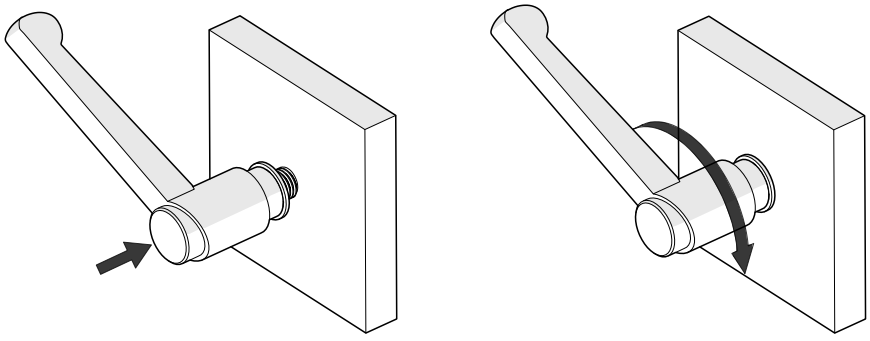
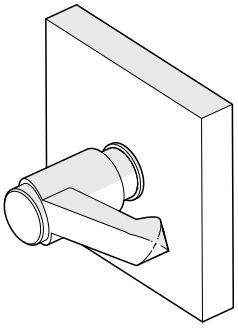
NOTE

The handle screws (SL-M8-20 & SL-M8-25) are ratcheted to allow for tightening and loosening when space for rotation is limited. Simply pull the handle out and turn handle into position and push handle back in to engage thread.



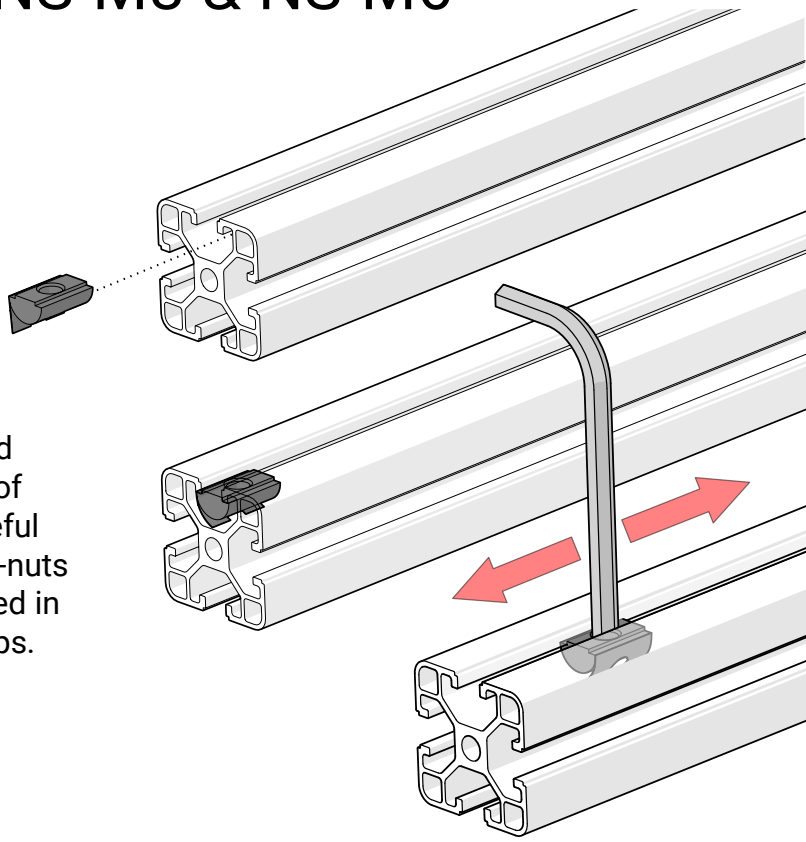




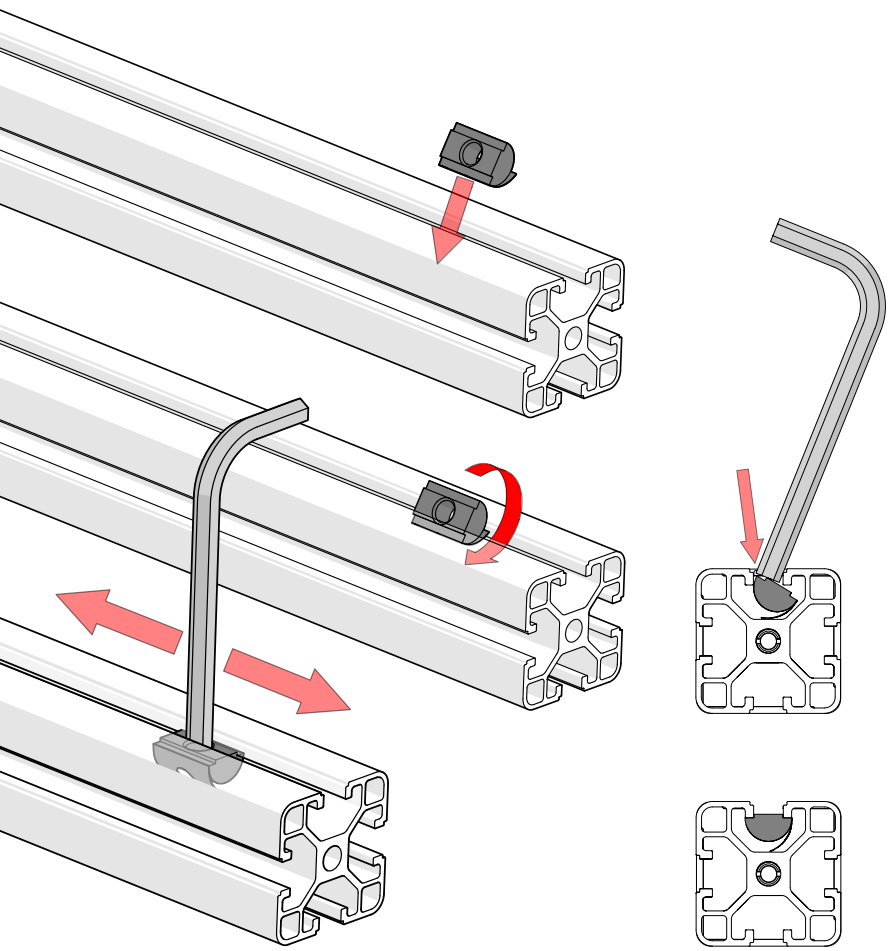


NOTE

NS-M8 & NS-M6



It is strongly advised that spring T-Nuts are inserted by sliding from the ends of profiles. Please take careful note of each step of all T-nuts as some are to be installed in anticipation of future steps.

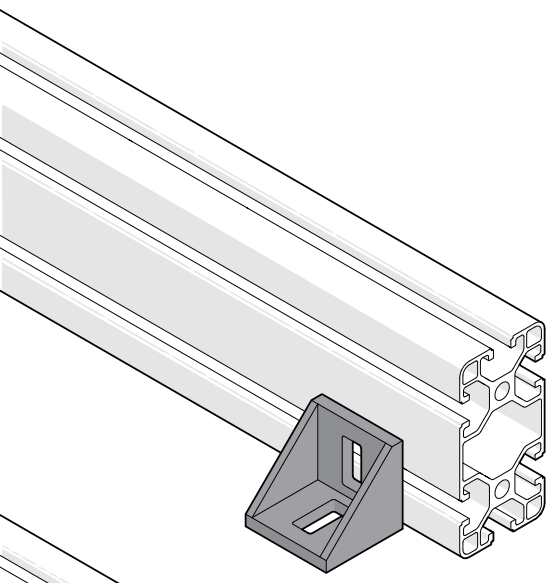


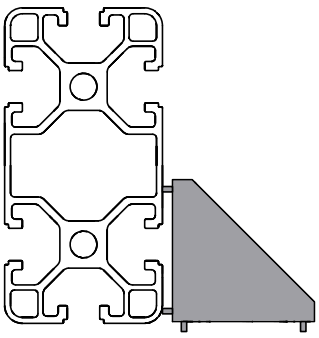
If T-Nuts are skipped, and the ends are no longer accessible, they can be inserted by “rocking” them in from the outer face as shown.

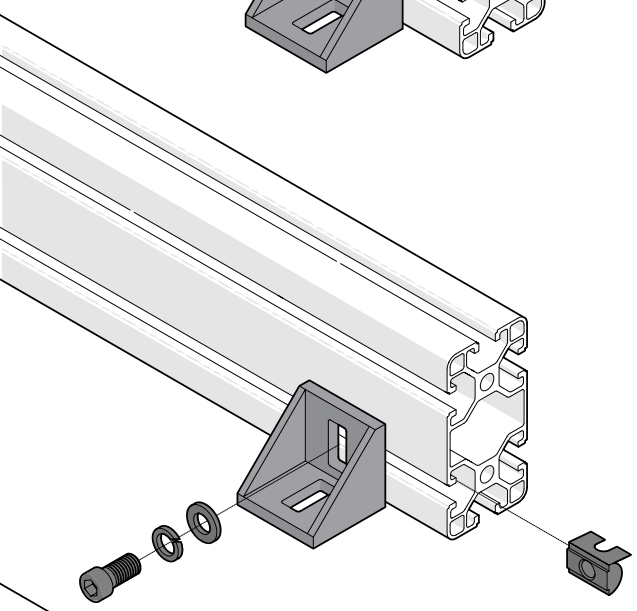
Use the provided allen key to push the T-Nut into position and place the hole to slide into position.

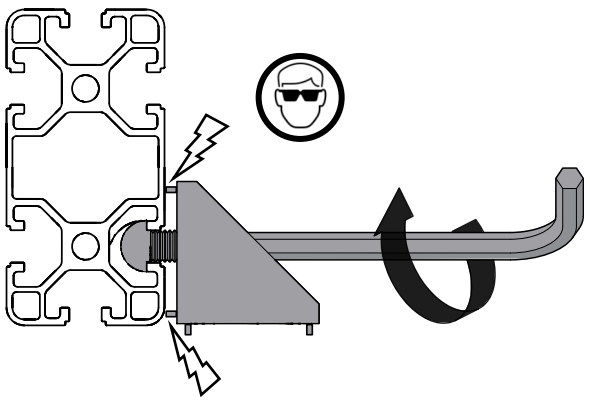
NOTE

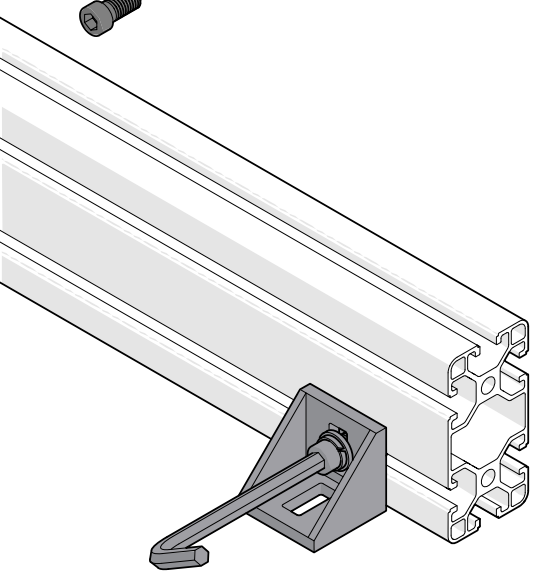
BC-40

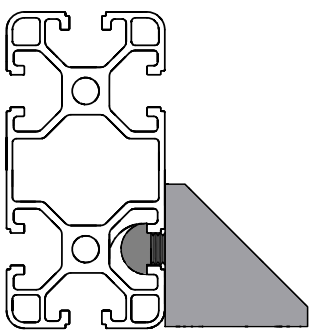






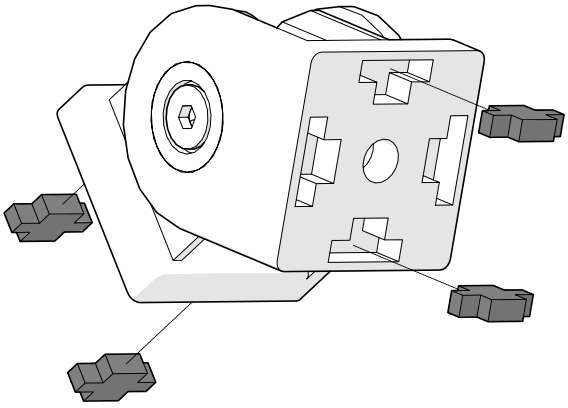


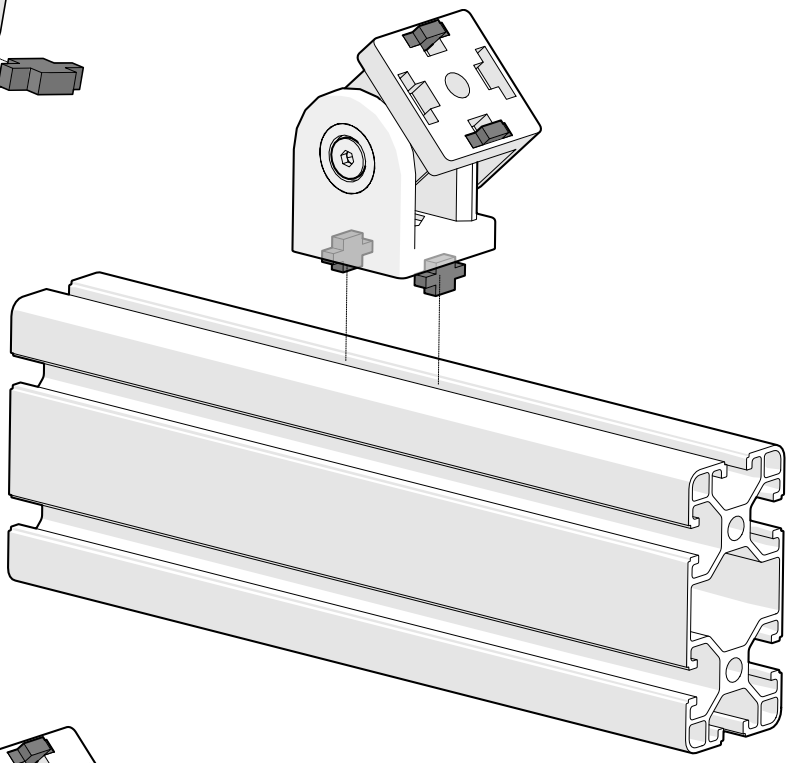


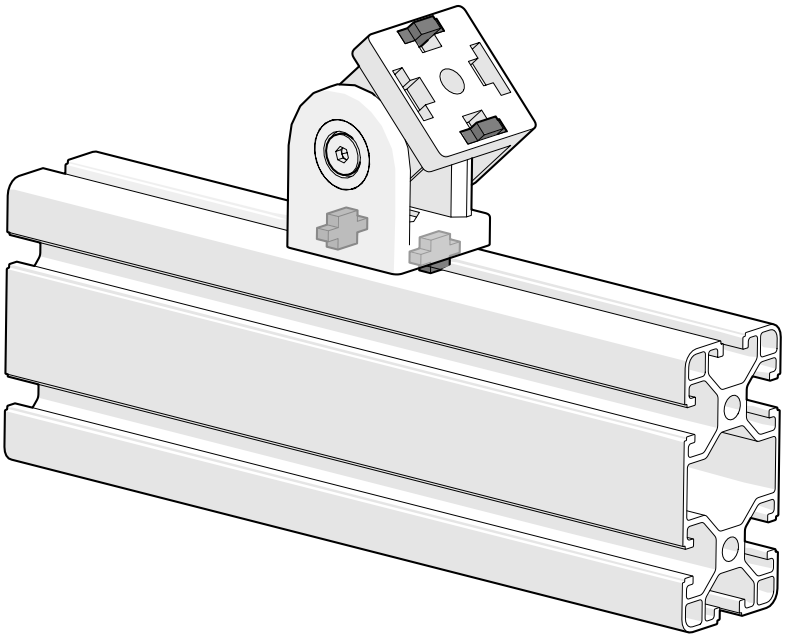


NOTE

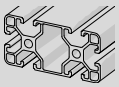
AJ-4040

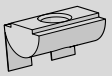






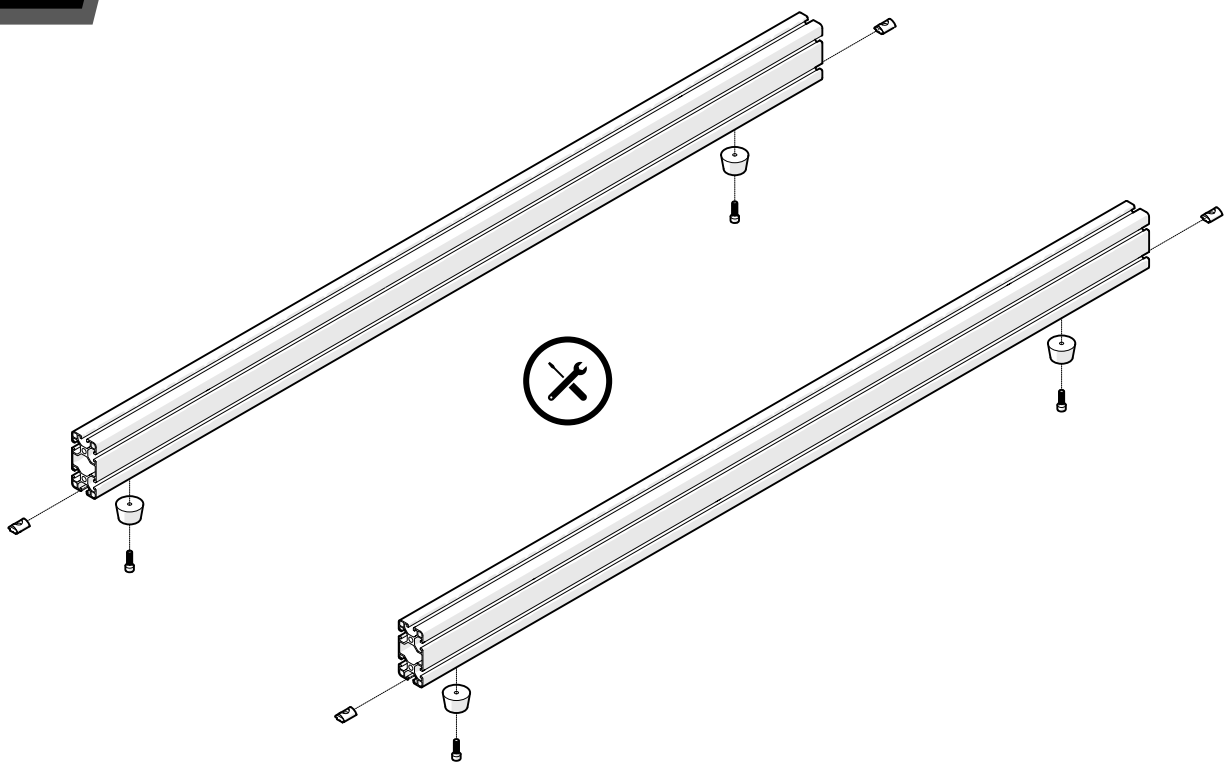
1


AT-80-1200 x2


NS-M6 x4

FR-01 x4

SH-M6-20 x4



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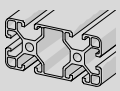
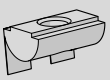
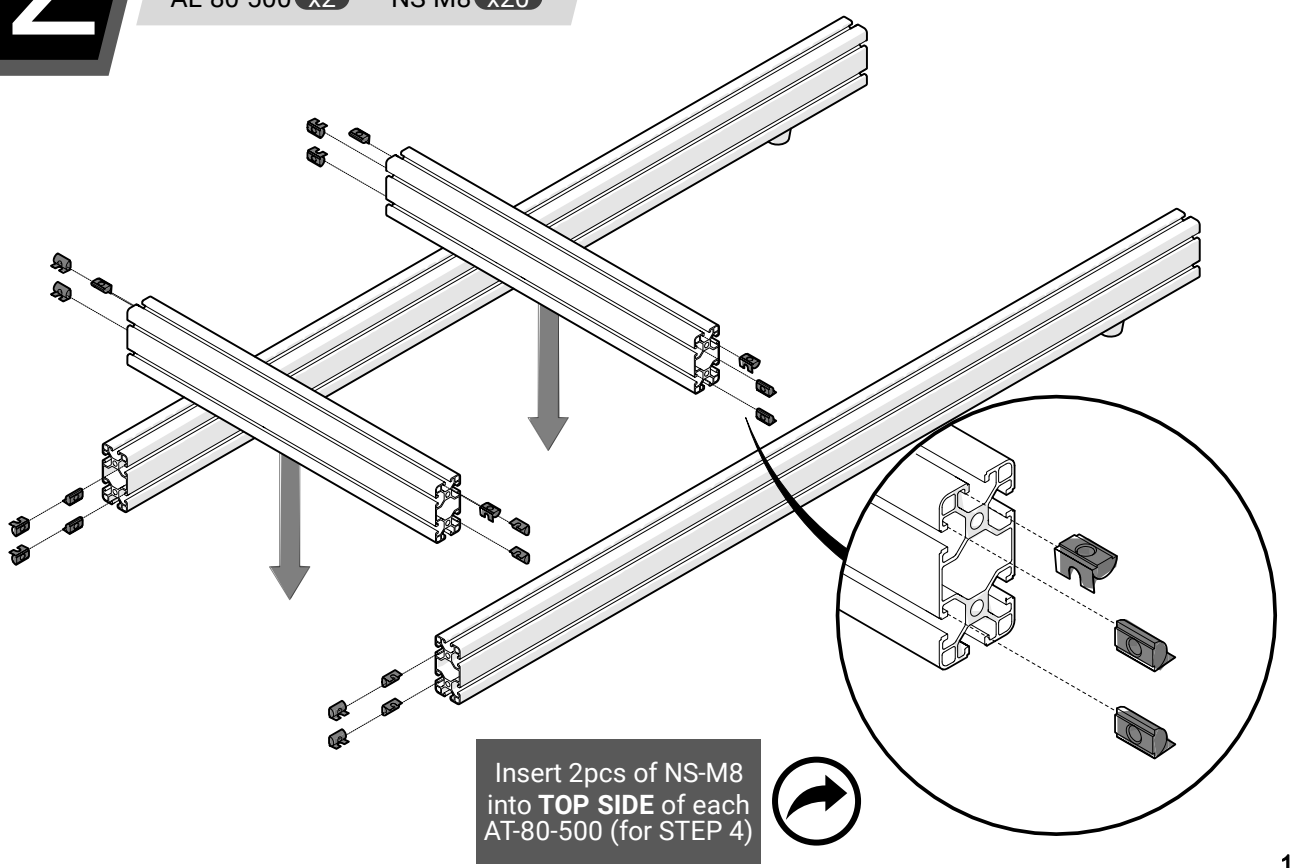
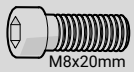

AL-80-500 x2


NS-M8 x20



Insert 2pcs of NS-M8 into **TOP SIDE** of each AT-80-500 (for STEP 4)

3

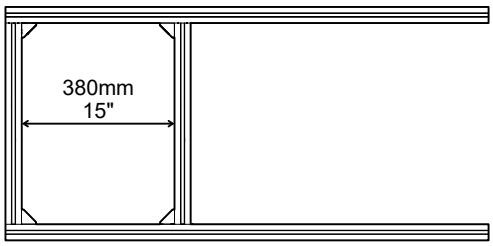


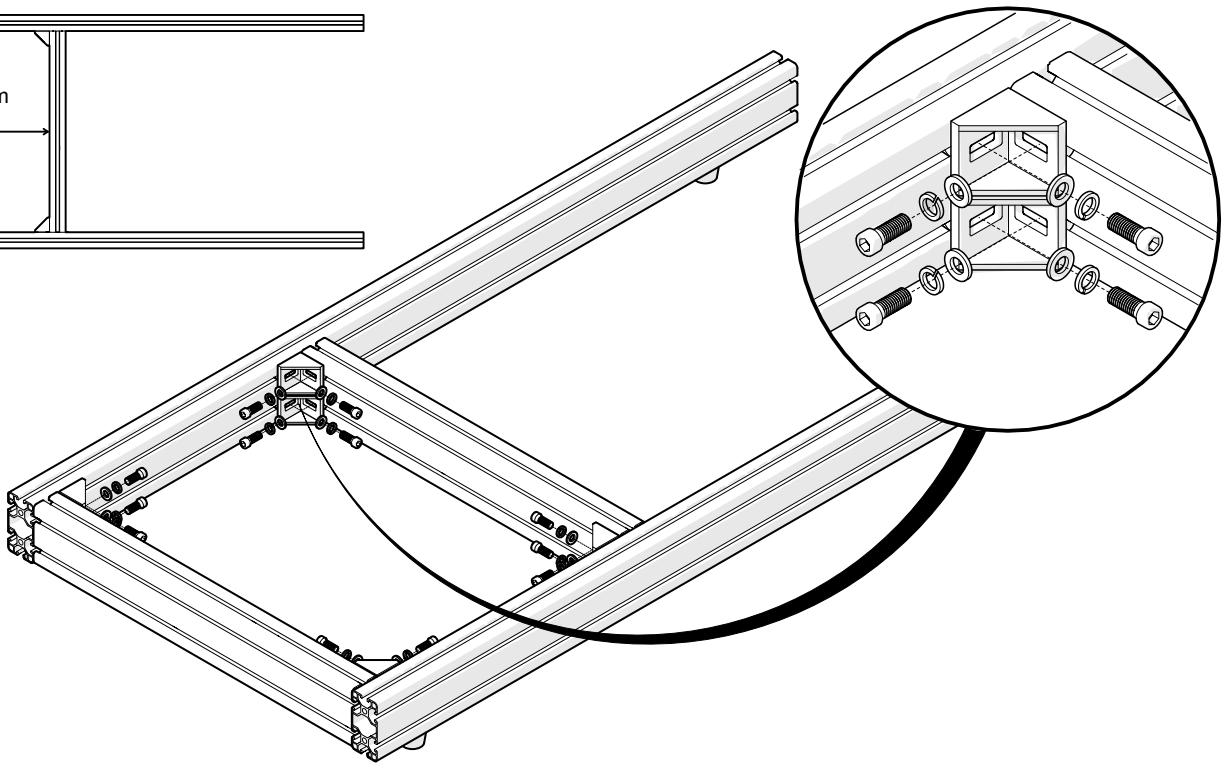
SH-M8-20 x16

WL-M8 x16

WF-M8 x16

BC-40 x8





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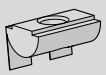
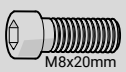
AL-40-460 x2



NS-M8 x4

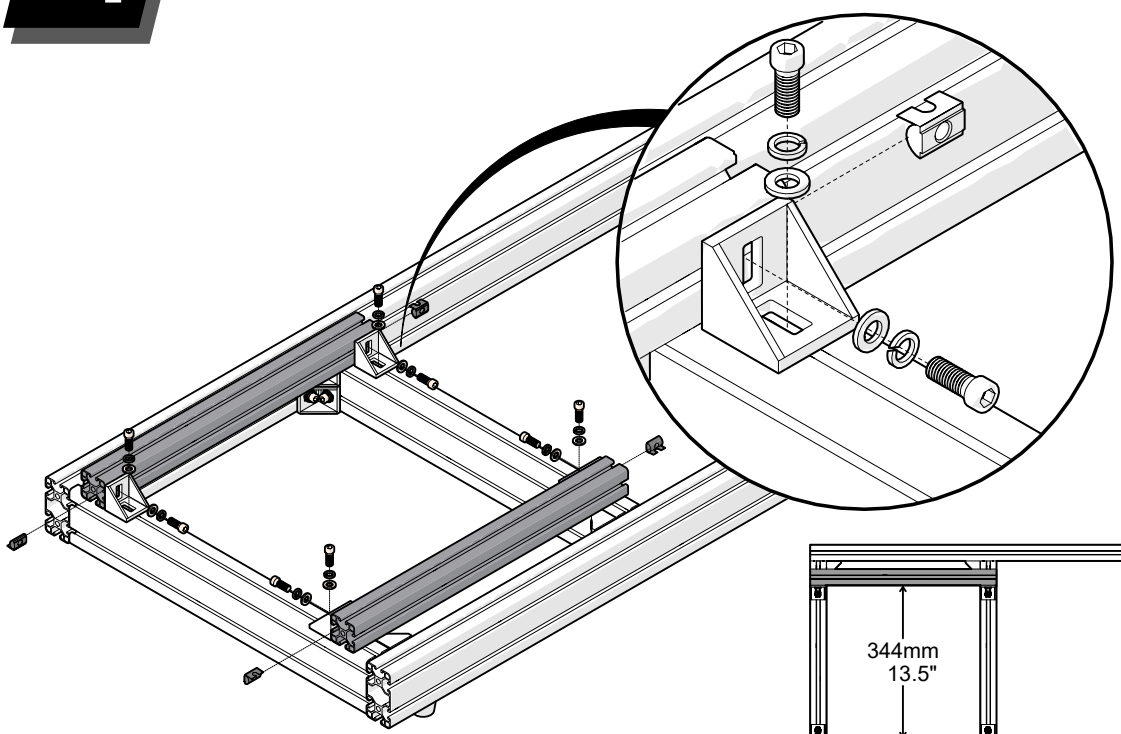


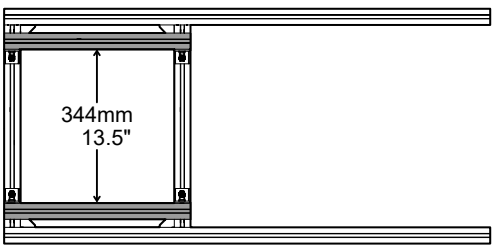
SH-M8-20 x8

WL-M8 x8

WF-M8 x8

BC-40 x4





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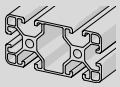
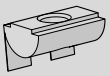
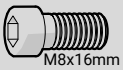
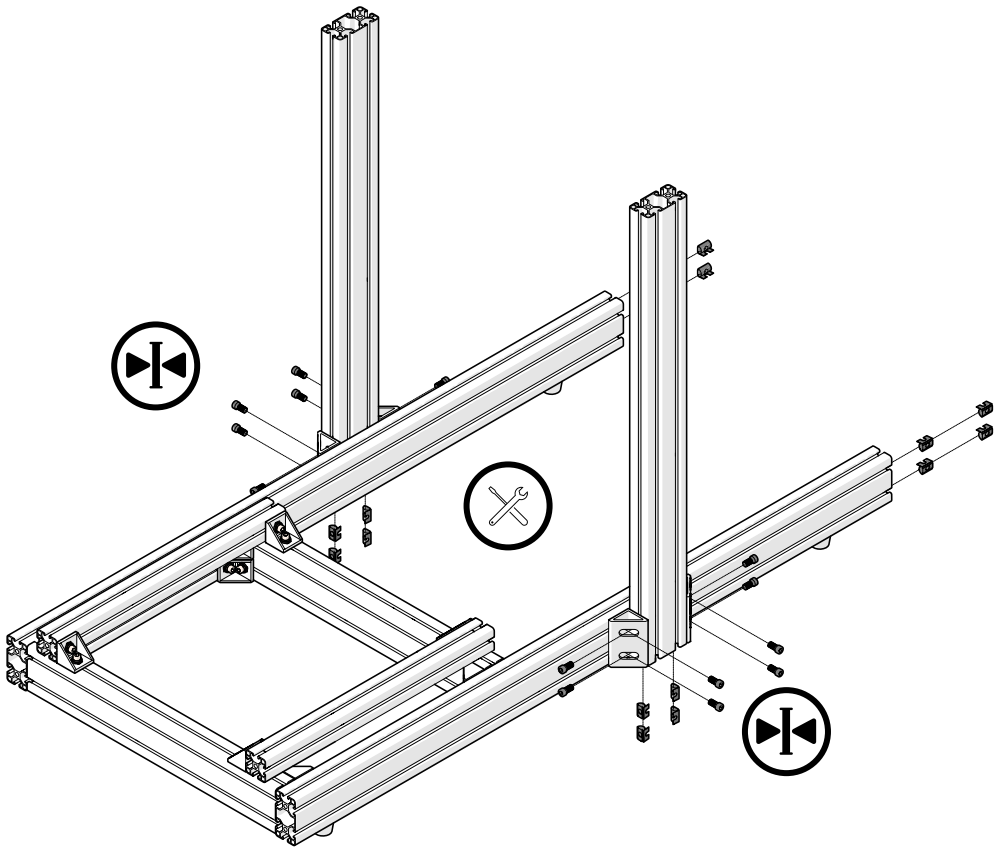

AL-80-780 x2


NS-M8 x16



SH-M8-16 x16

BA-80-BLK x16



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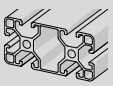
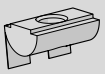
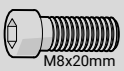

AL-80-240 x2


NS-M8 x8

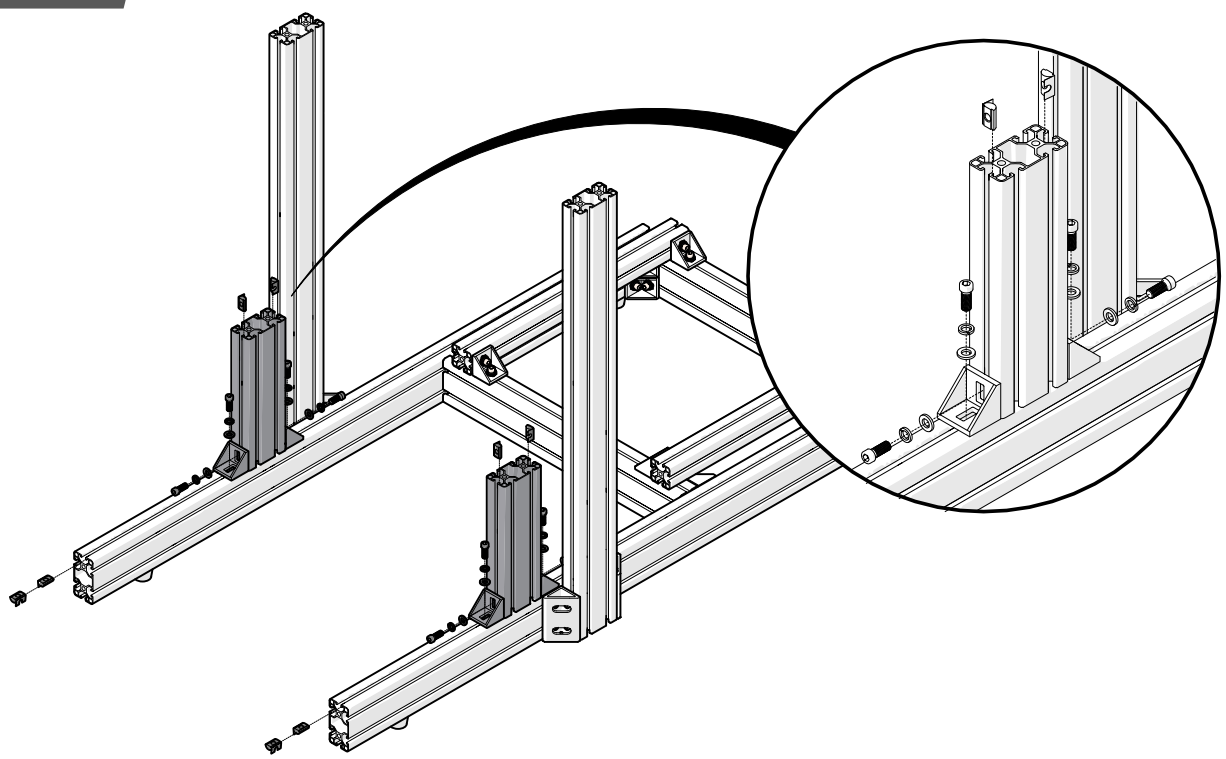


SH-M8-20 x4

WL-M8 x8

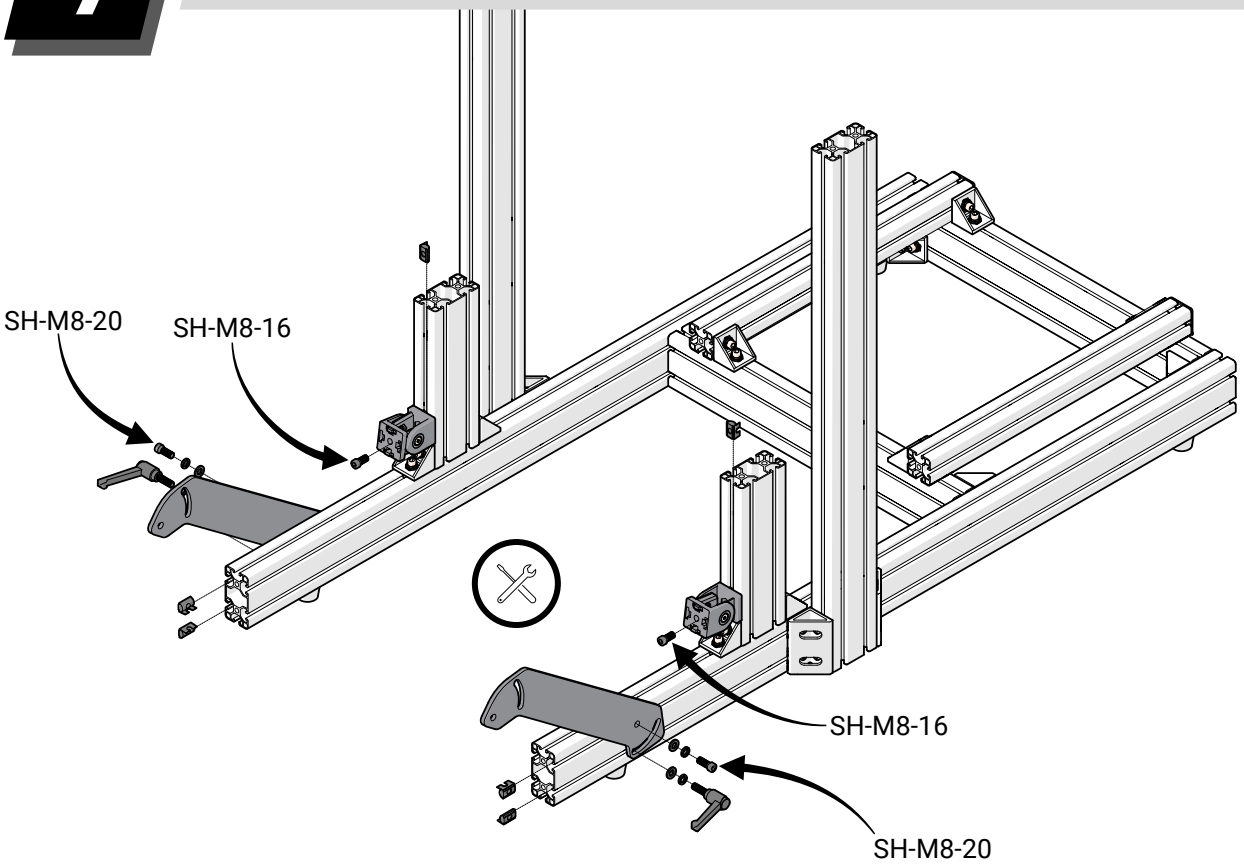
WF-M8 x8

BC-40 x4



7

PP-80-SM x2 | SH-M8-16 x2 | SH-M8-20 x2 | SL-M8-20 x2 | NS-M8 x6 | WL-M8 x4 | WF-M8 x4 | AJ-4040 x4

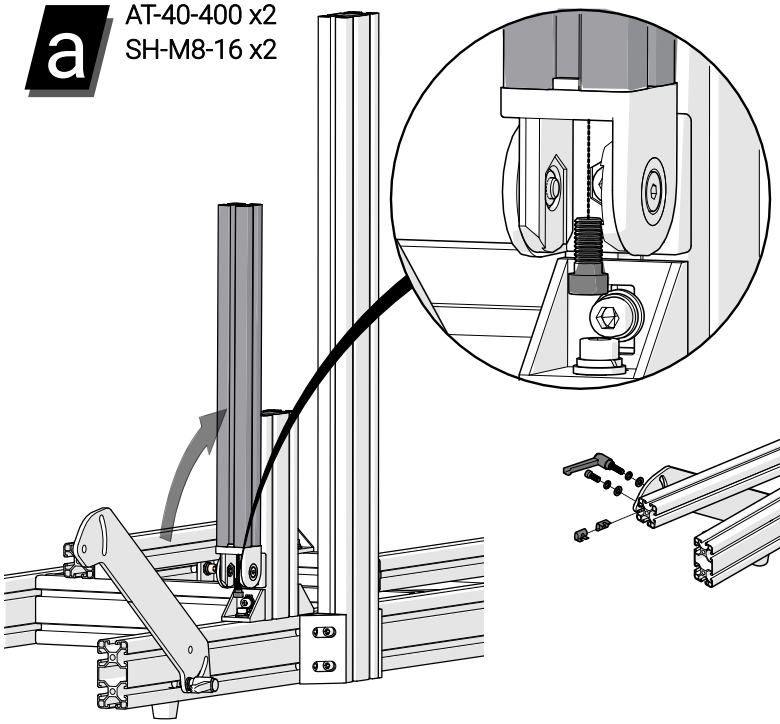


8

AT-40-400 x2 | NS-M8 x4 | SH-M8-16 x2 | SH-M8-20 x2 | SL-M8-20 x2 | WL-M8 x4 | WF-M8 x4

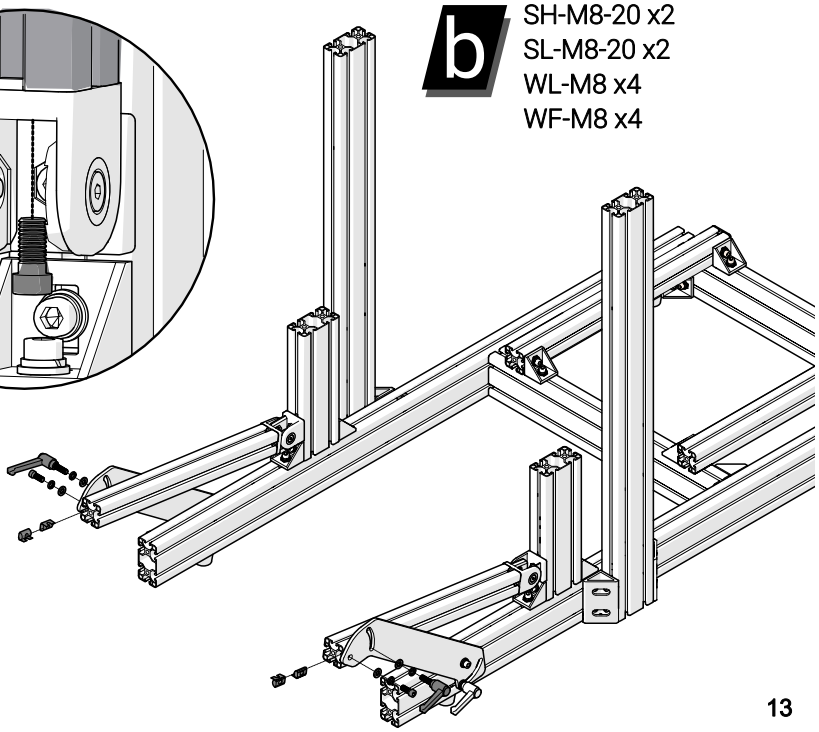
a

AT-40-400 x2
SH-M8-16 x2



b

SH-M8-20 x2
SL-M8-20 x2
WL-M8 x4
WF-M8 x4



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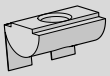
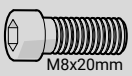
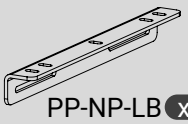

NS-M8 x8

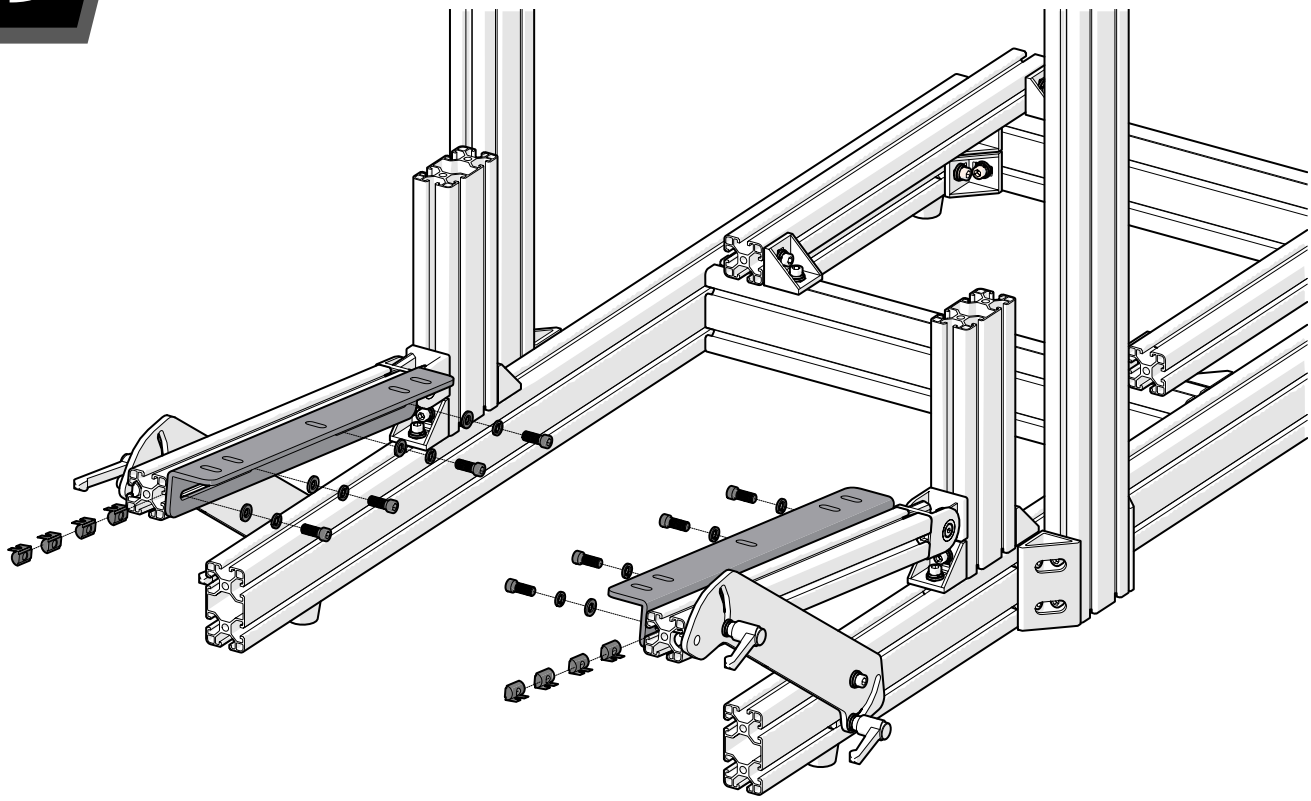


SH-M8-20 x12

WL-M8 x8

WF-M8 x8


PP-NP-LB x2



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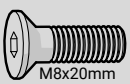
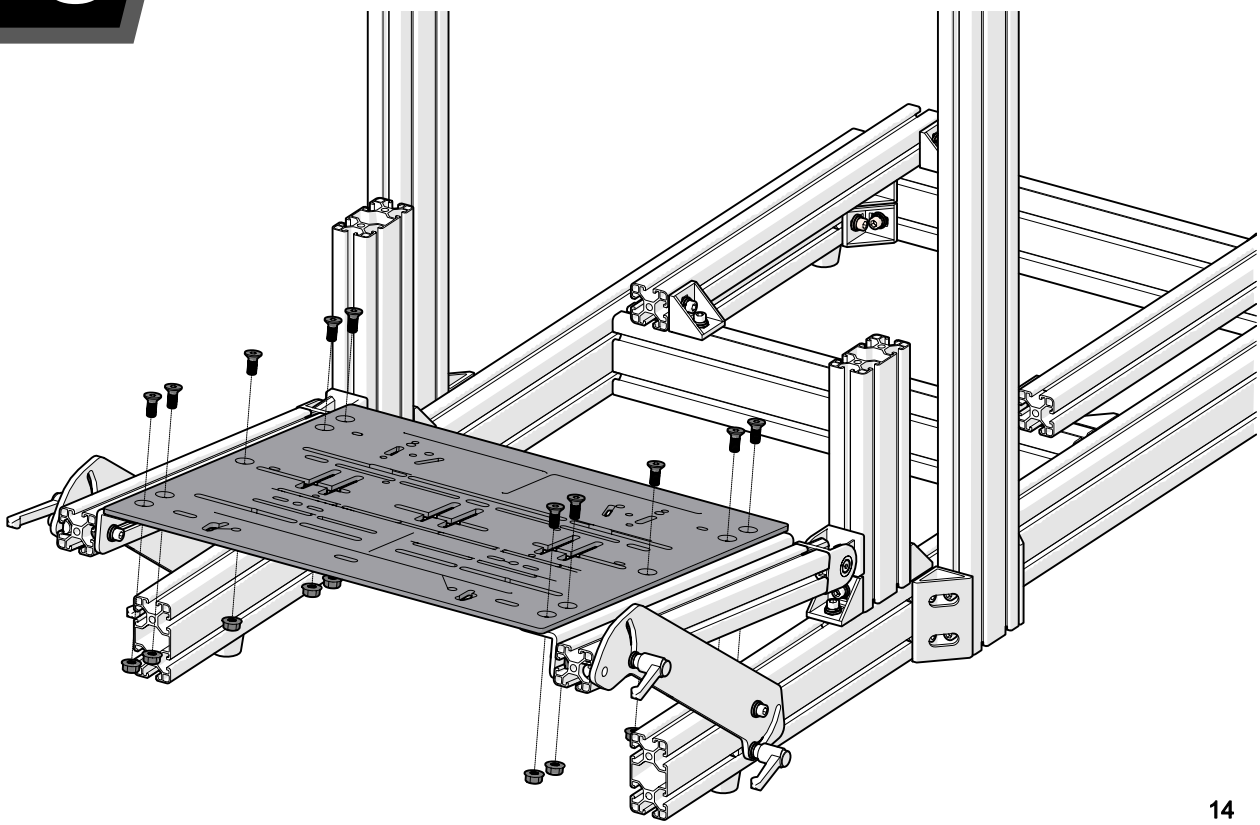


SF-M8-20 x10

NF-M8 x4

PP-80-TP x1



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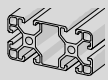
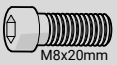

AL-80-500 x1

NS-M8 x8

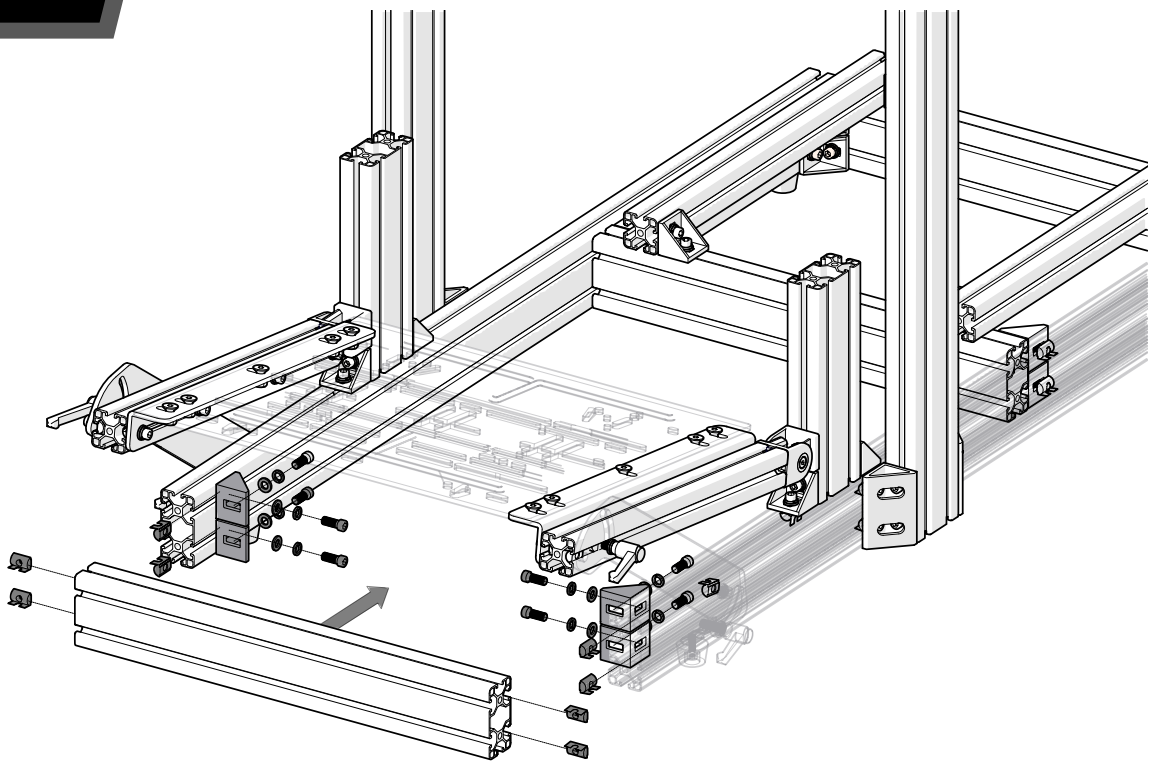


SH-M8-20 x8

WL-M8 x8

WF-M8 x8

BC-40 x4



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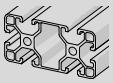
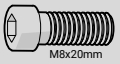

AL-80-300 x1

NS-M8 x10



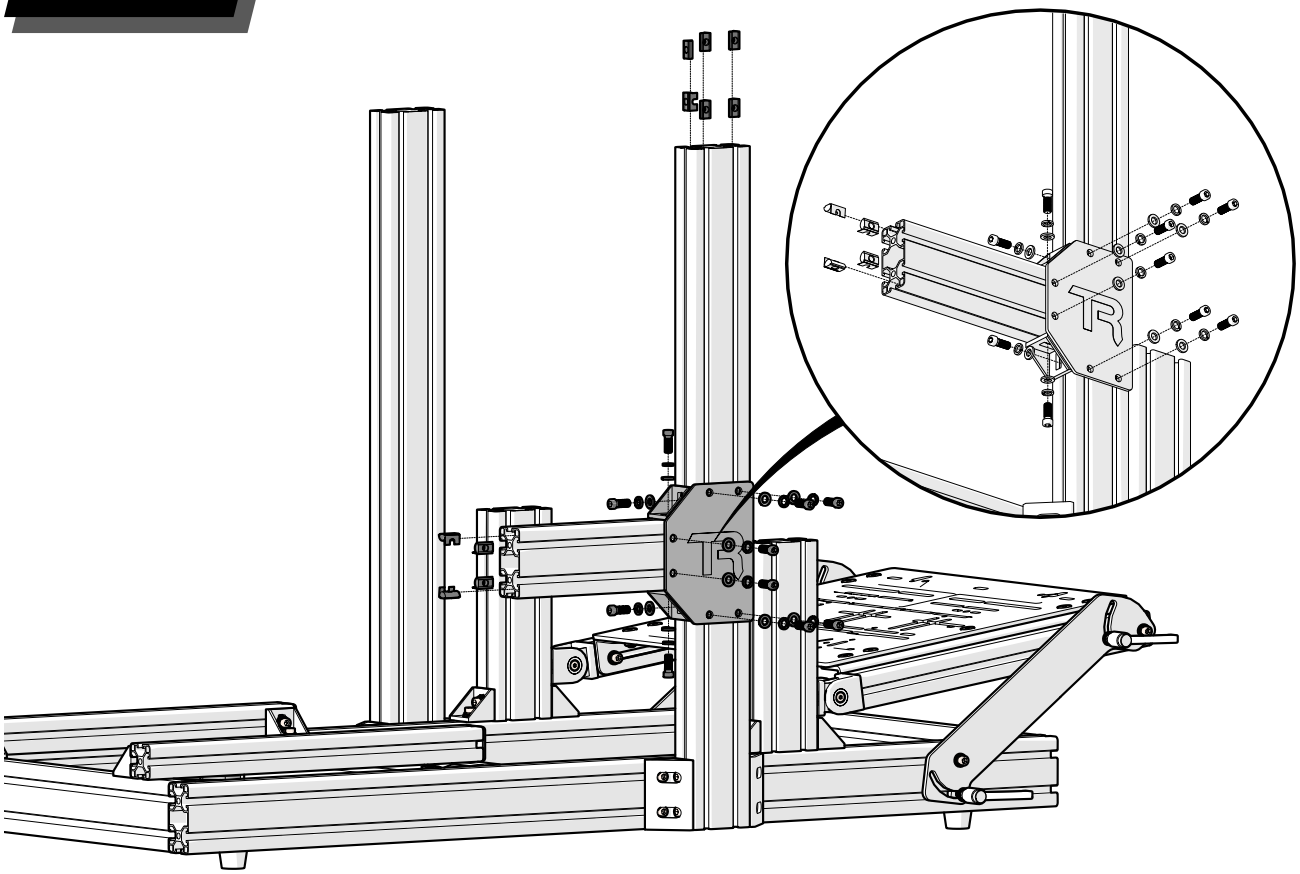
SH-M8-20 x10

WL-M8 x10

WF-M8 x10

BC-40 x2

BP-80-H x1



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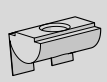


NS-M8 x4

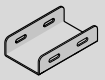
SH-M8-20 x6

WL-M8 x6

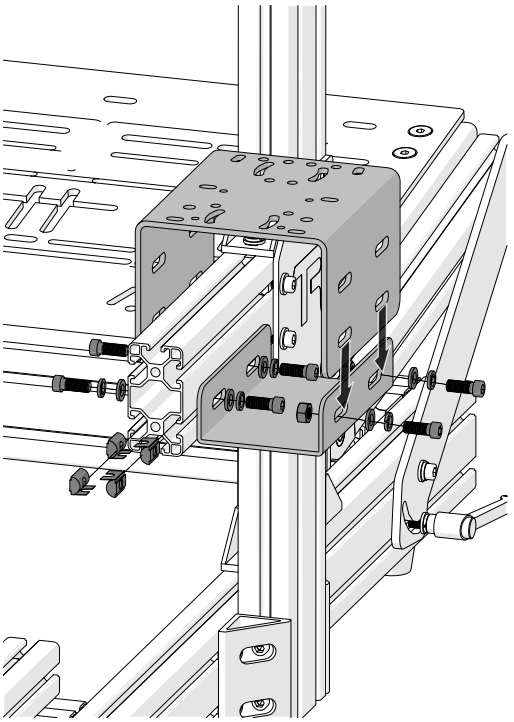
WF-M8 x6

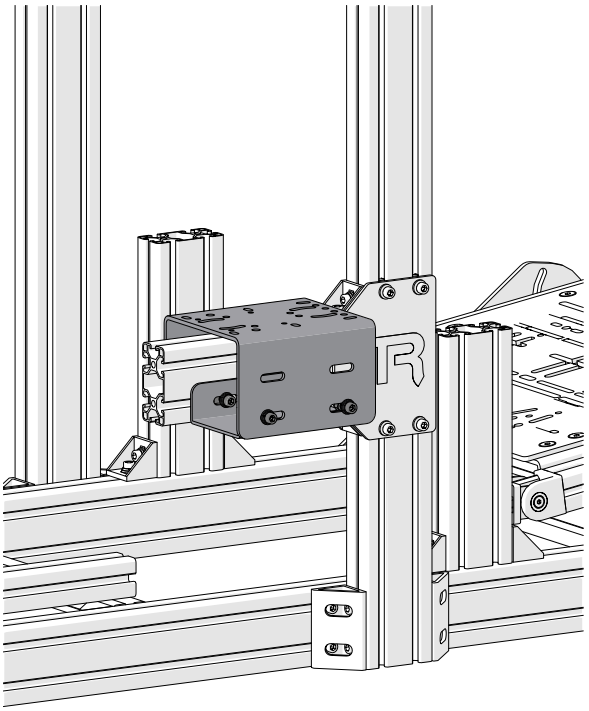
NF-M8 x2

SM-01 x1



SM-02 x1





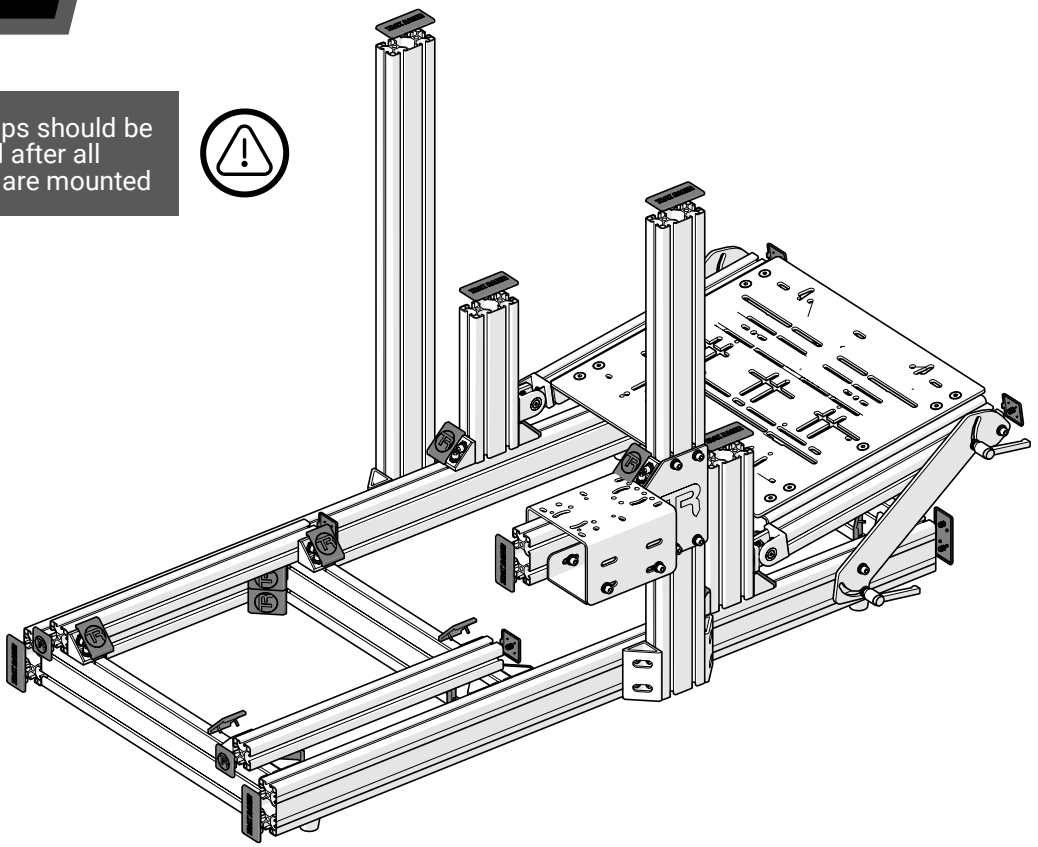
14

BC-40 x22

EC-40 x22

EC-80 x22

Note: End caps should be installed after all accessories are mounted



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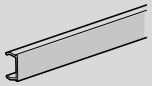
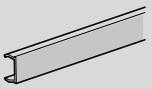
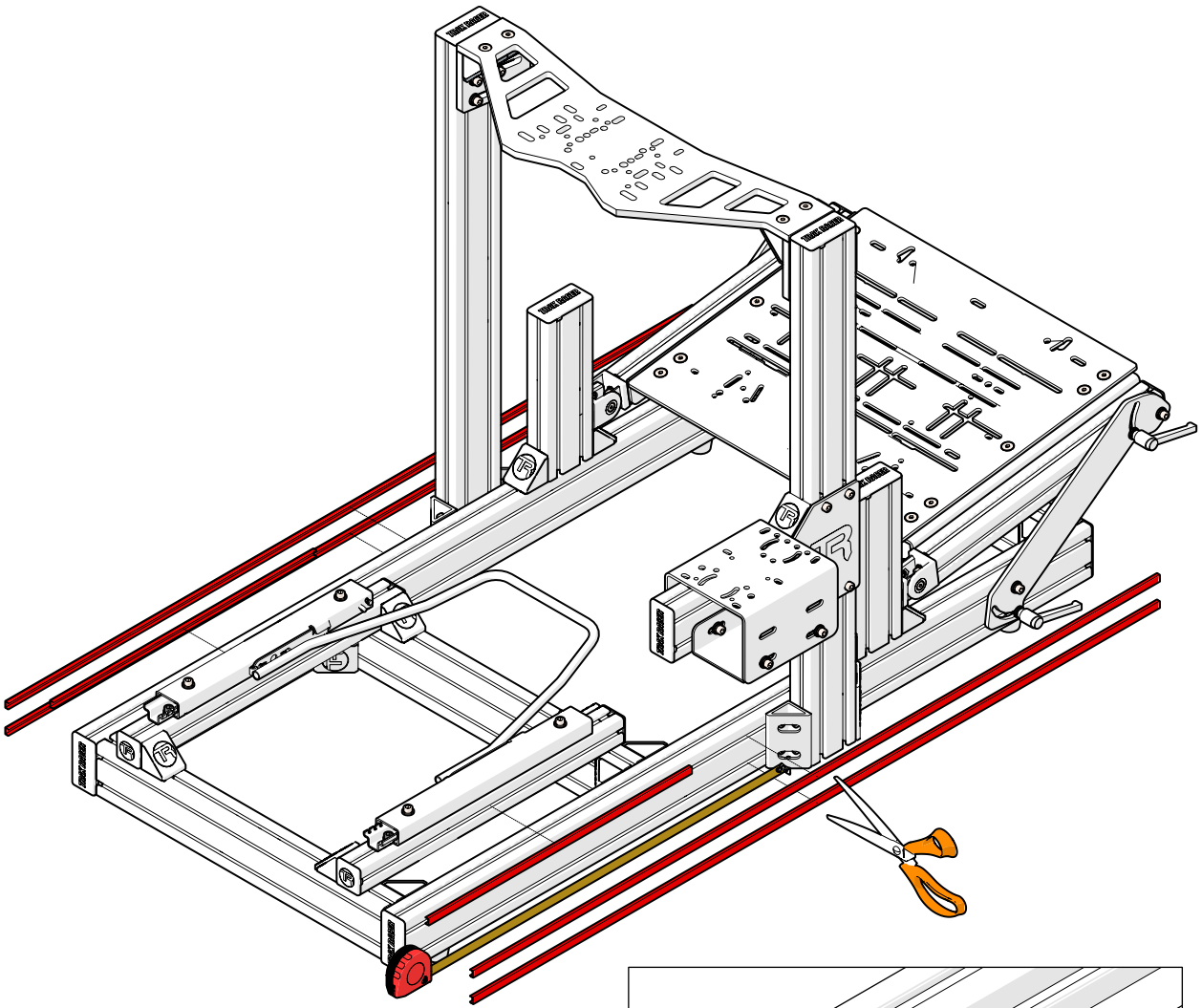
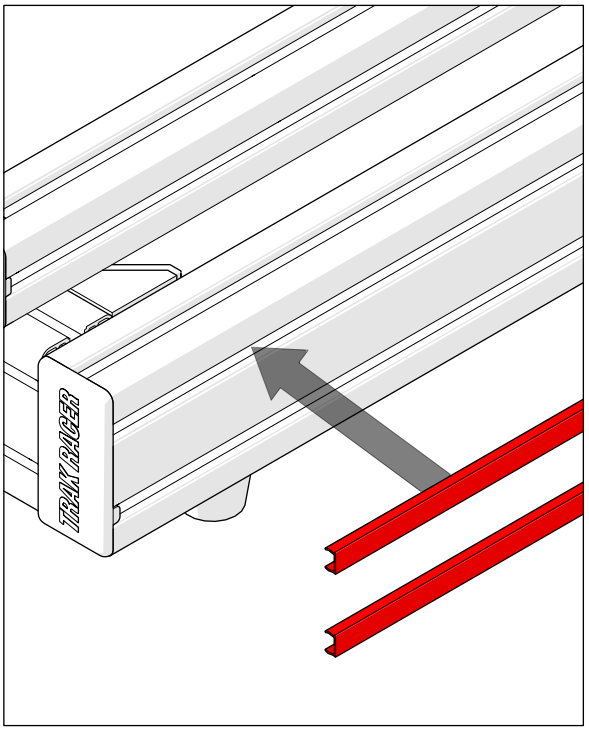


PS-1200-R x4

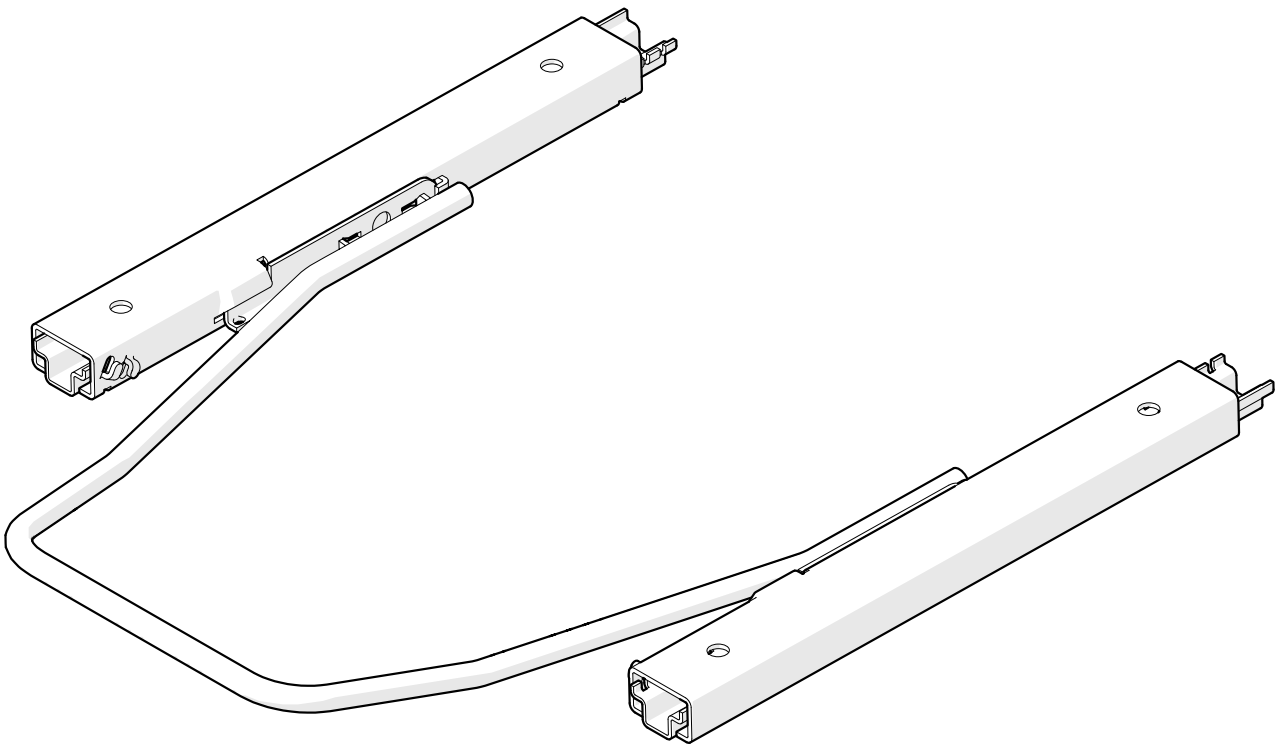


PS-460-R x2



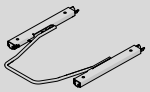


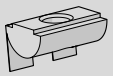
Seat Slider Assembly



Part #	Description	QTY	Check
BOX #: TR805-BLK-PART2			
SS-01	Seat Slider	1	
SH-M8-16	Screw (Hex), M8x16	4	
NL-M8	Nut (Locking), M8	4	
WF-M8	Washer (Flat), M8	4	
WL-M8	Washer (Lock), M8	4	

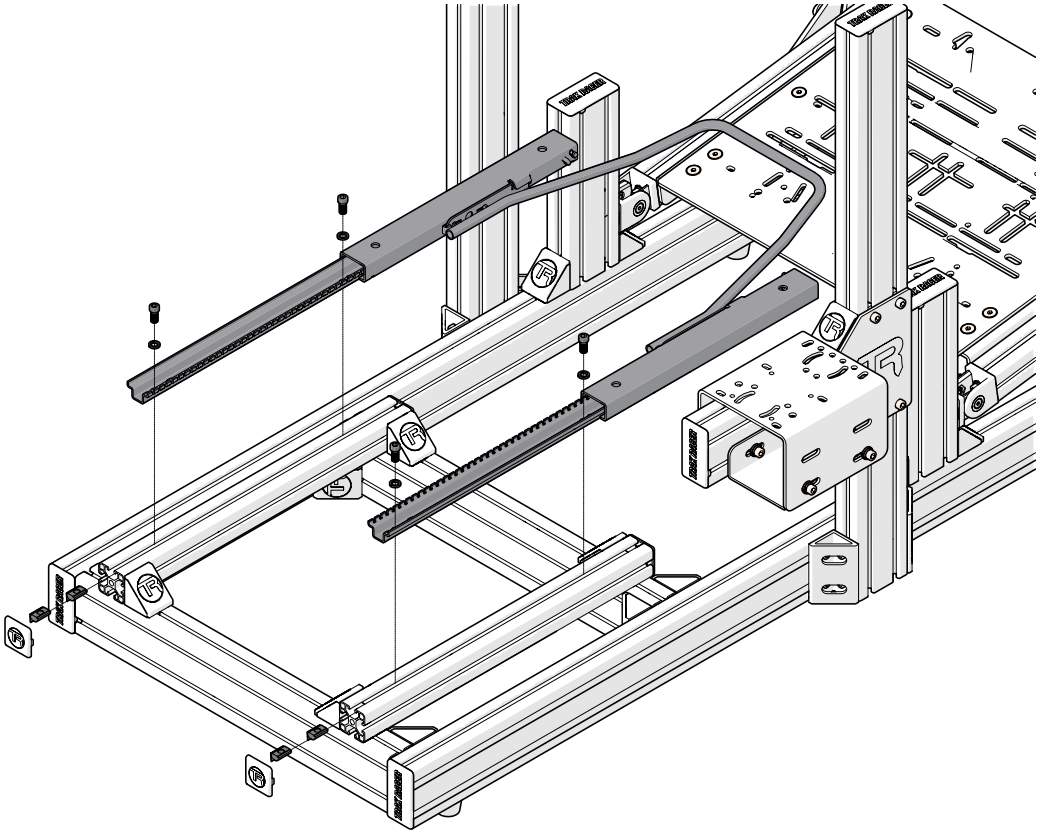
1

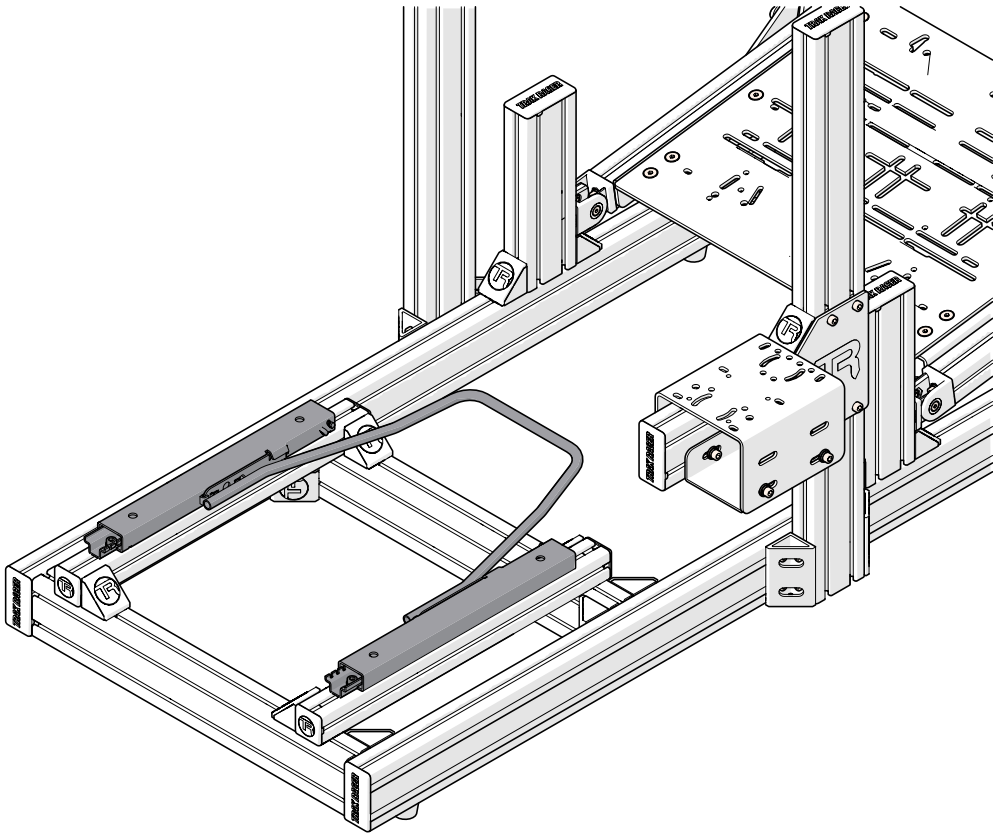

SS-01 x1


NS-M8 x4

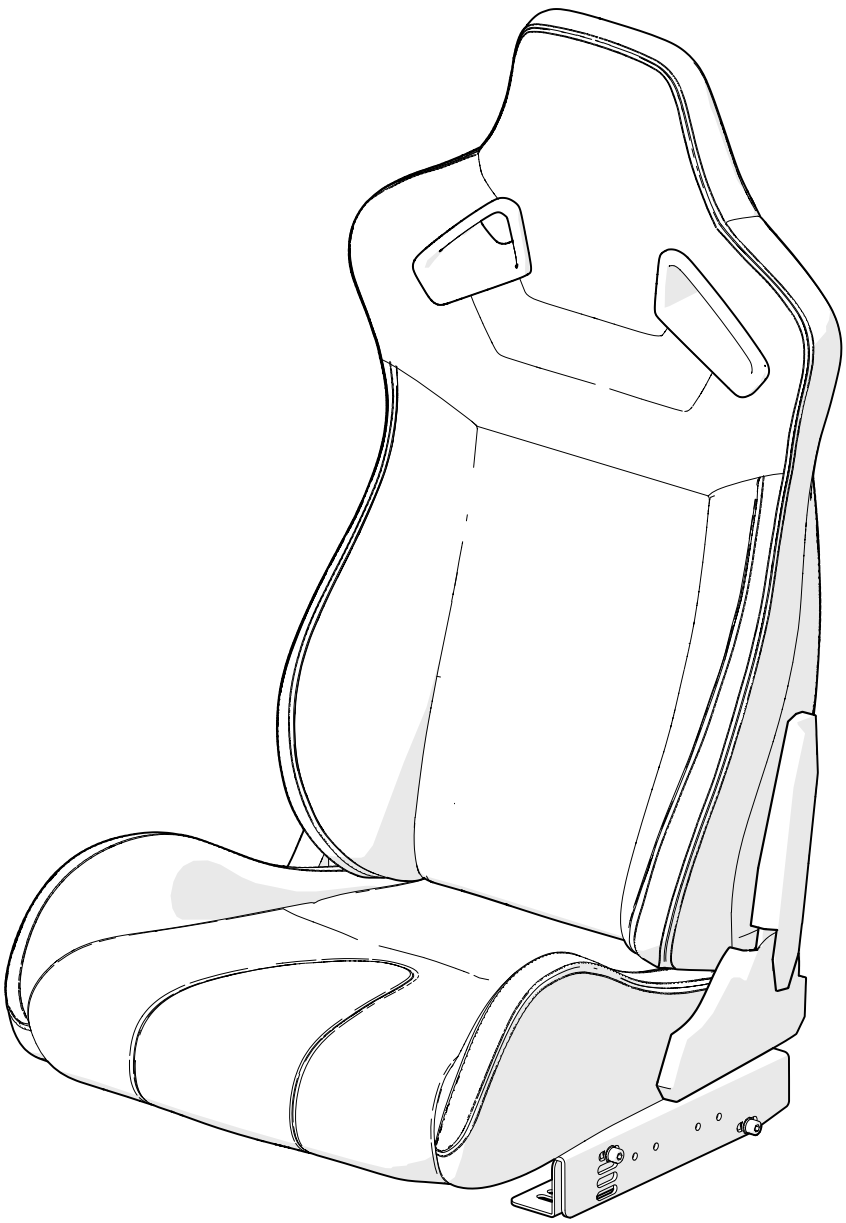
SH-M8-16 x4

WL-M8 x4





Recliner Seat Assembly

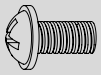


SA-06/SA-07/SA-08

TRAK RACER

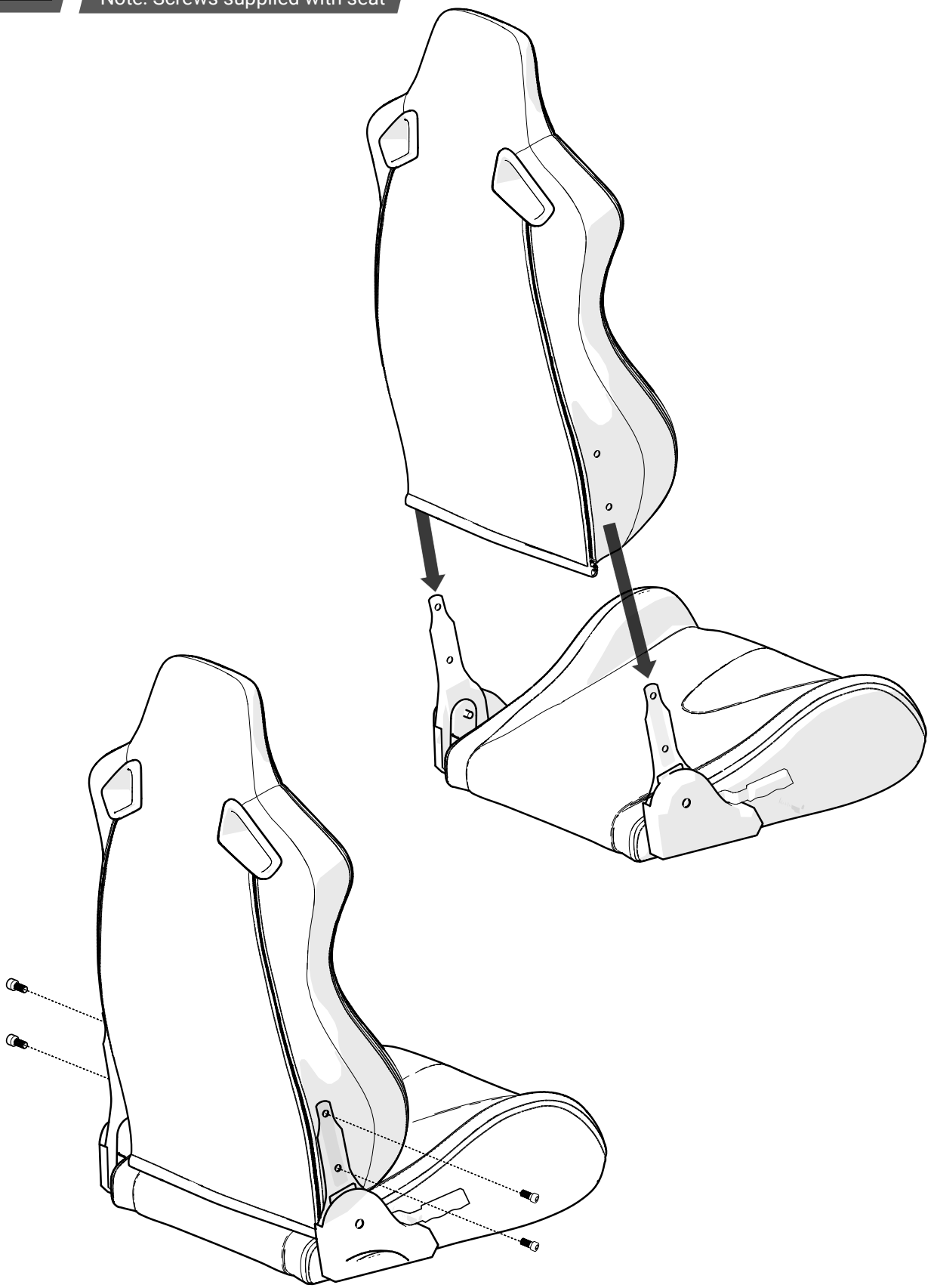
Published 2022-07-17

1



x4

Note: Screws supplied with seat



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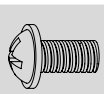
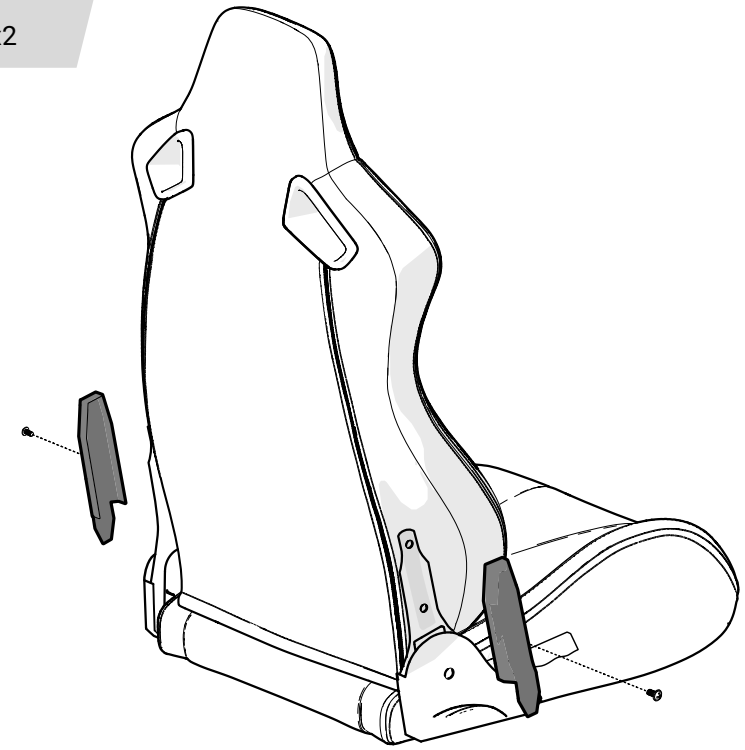


x2



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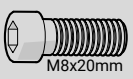
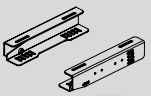


M8x20mm

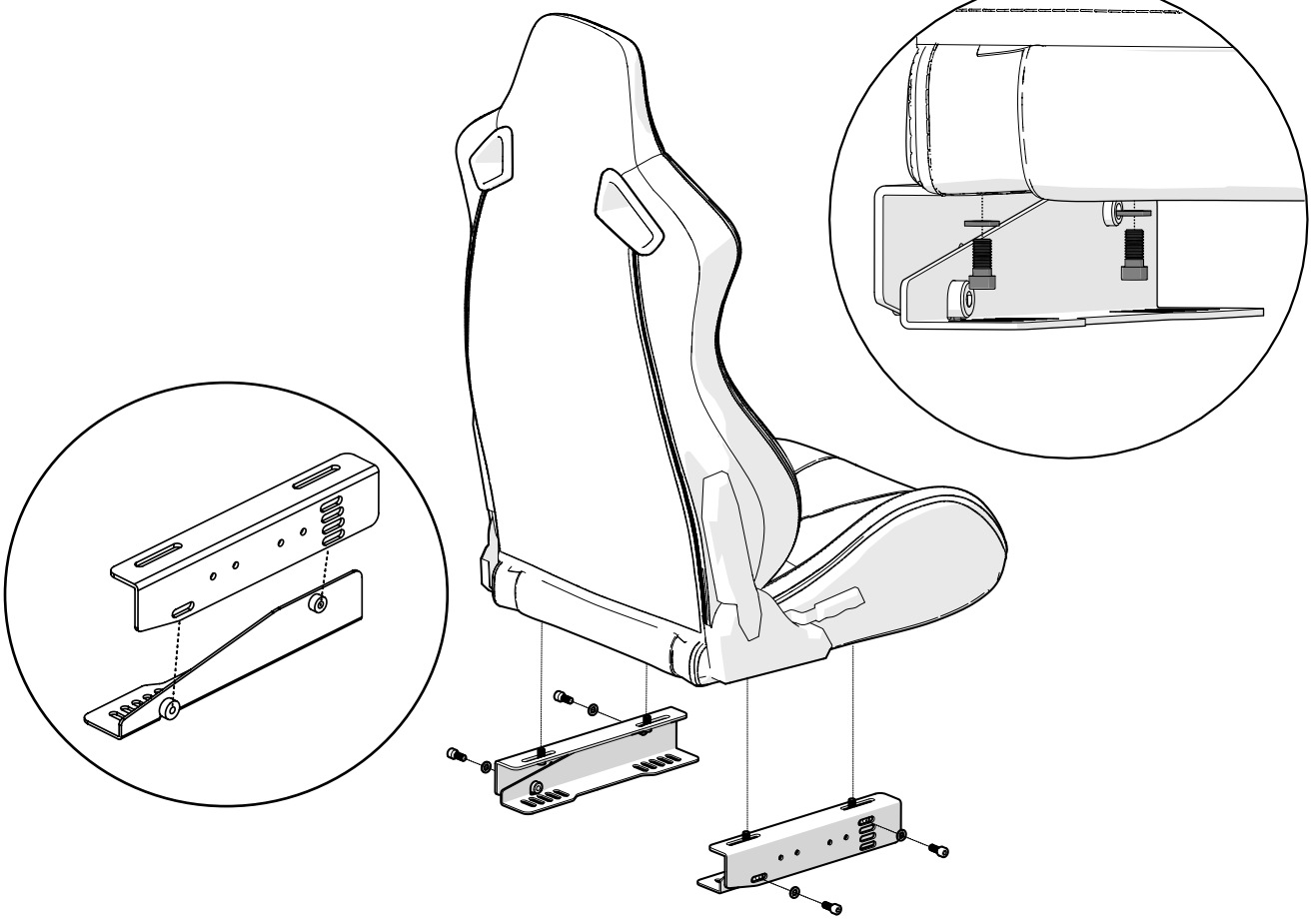
SH-M8-20 x8

WF-M8 x8



SB-03 x1

Note: Screws supplied with seat & SB-03



4

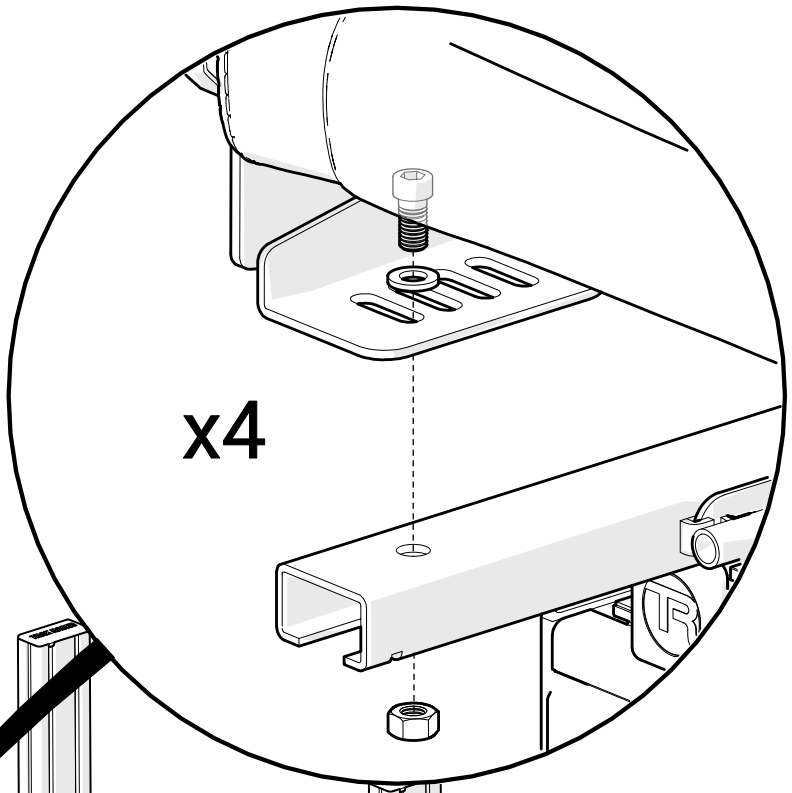
SH-M8-16 x4

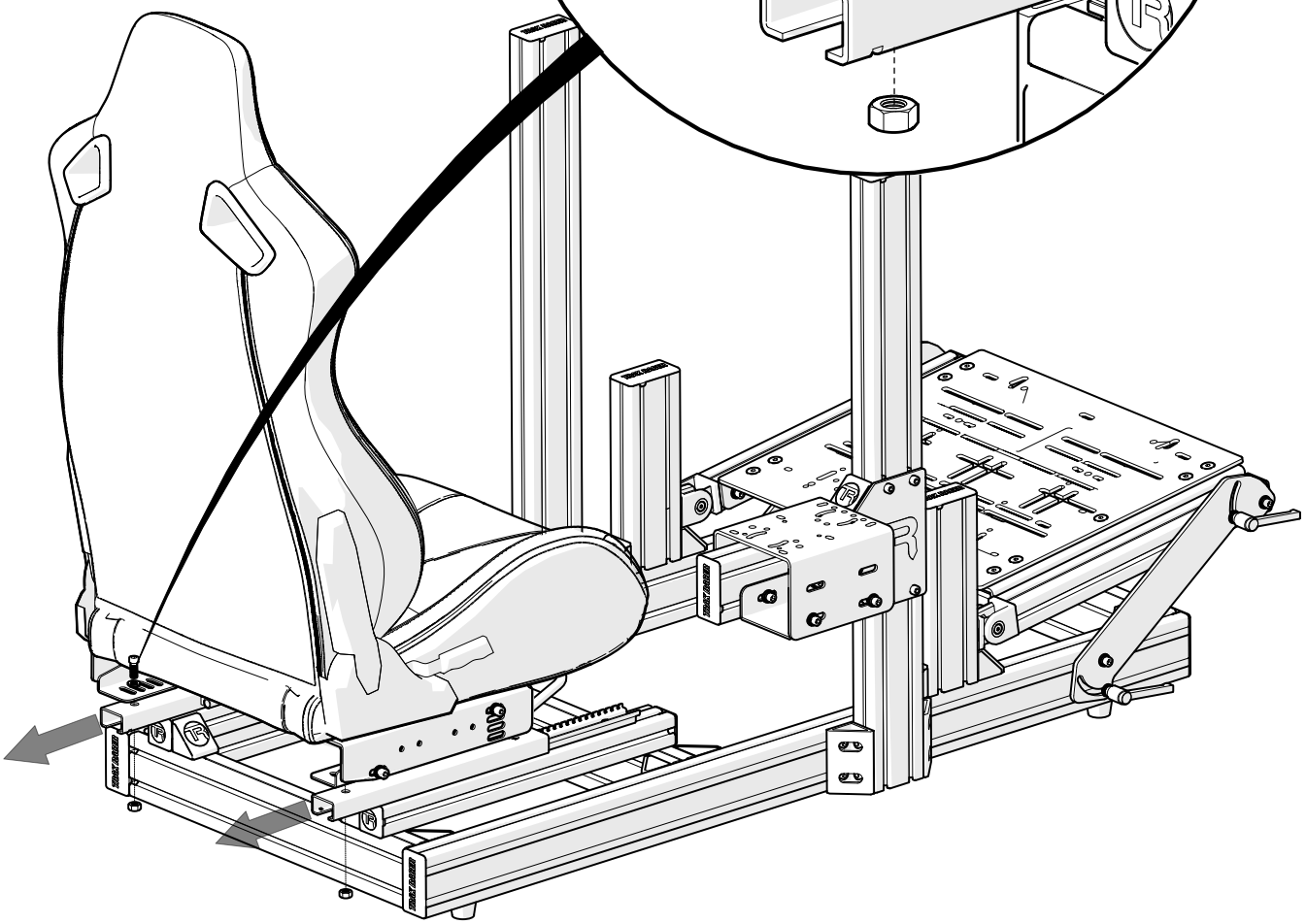
WF-M8 x4

NL-M8 x4

Note: Hardware supplied with Seat Slider

Slide the slider all the way back to install screws and nuts. Then slide all the way forward and repeat for front screws and nuts.





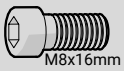
GT/Rally Seat Assembly

SA-04/SA-05/SA-09/SA-10

TRAK RACER

Published 2022-07-17

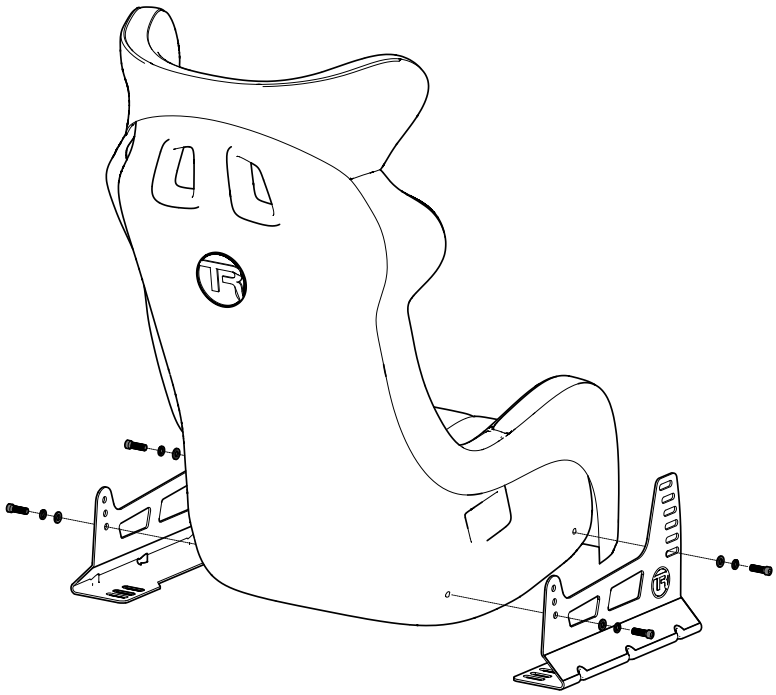
1



SH-M8-16 x4

WL-M8 x4

WF-M8 x4



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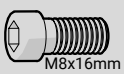
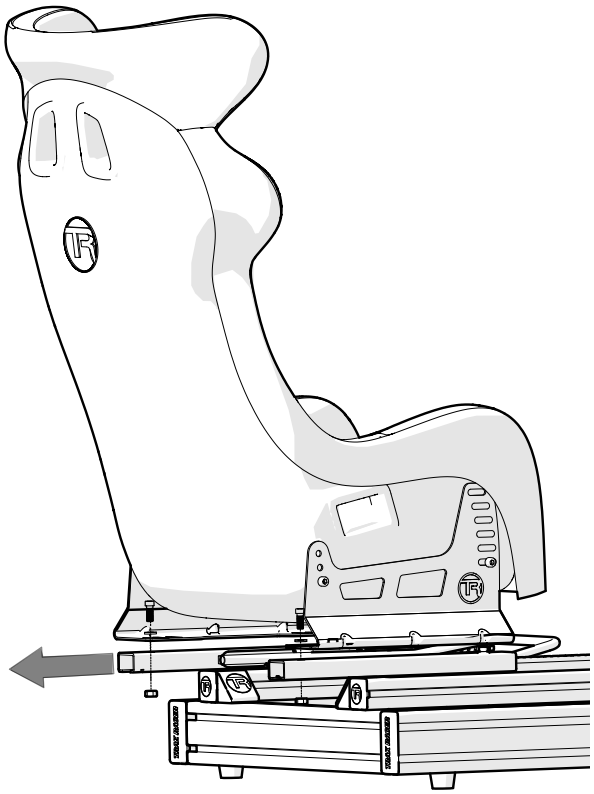


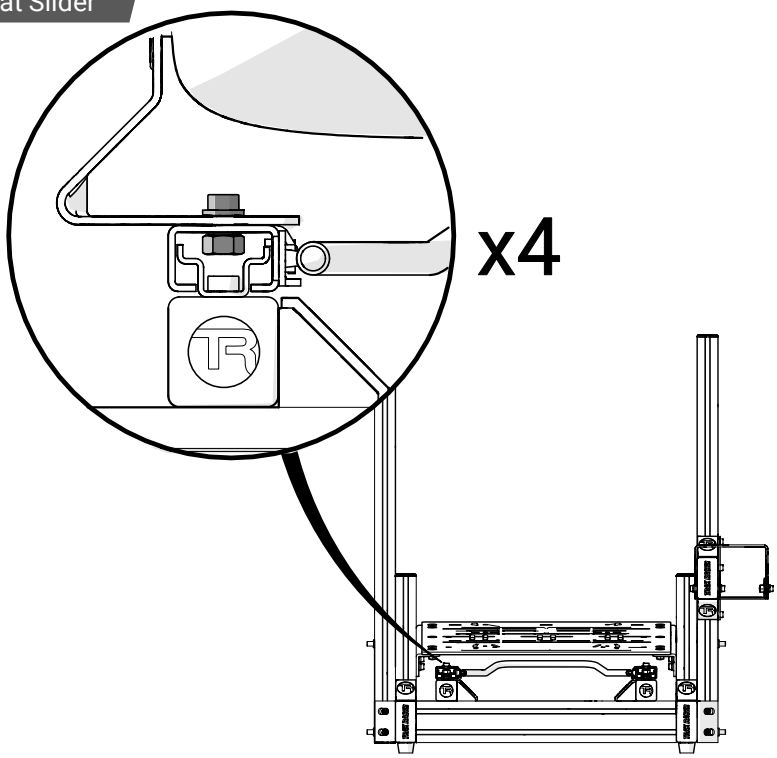
SH-M8-16 x4

WF-M8 x4

NL-M8 x4

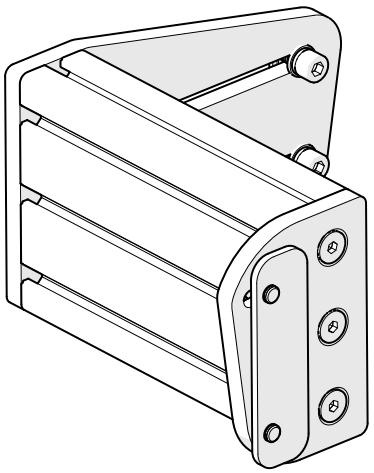
Note: Hardware supplied with Seat Slider

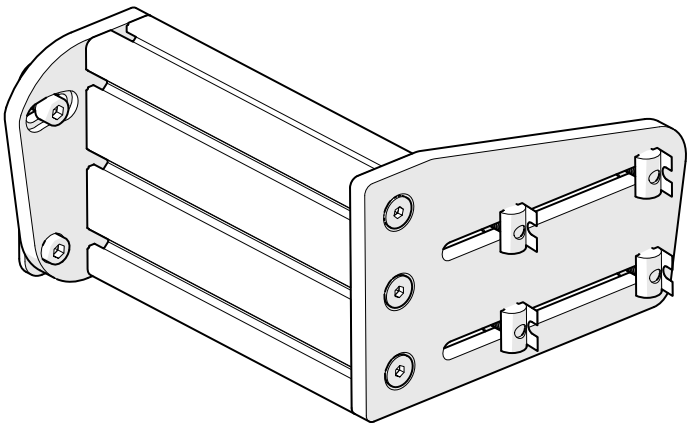




Slide the slider all the way back to install screws and nuts. Then slide all the way forward and repeat for front screws and nuts.

Wheel Mount Option 1





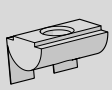
TR-One

Fanatec Direct Drive Mount

Part #	Description	QTY	Check
BOX #: TR80-NWMA			
SH-M8-25	M8 x 25mm Hex Screw	12	
SF-M8-20	M8 x 20mm Flat Screw	12	
WF-M8	M8 Flat Washer	8	
WL-M8	M8 Lock Washer	8	
NS-M8	M8 Spring T-Nut	8	
WM-TR1-FN	Fanatec Podium/CSL DD Plates (5mm)	4	
WM-TR1-WP	Wheel Mounting Plates	2	
WM-TR1-PP	Side Profile Mounting Plates	2	
AT-120-180	180mm 40 x 120mm Aluminium Profile (Threaded)	2	

* **NOTE:** Extra hardware may be included as spare parts

1


NS-M8 x8

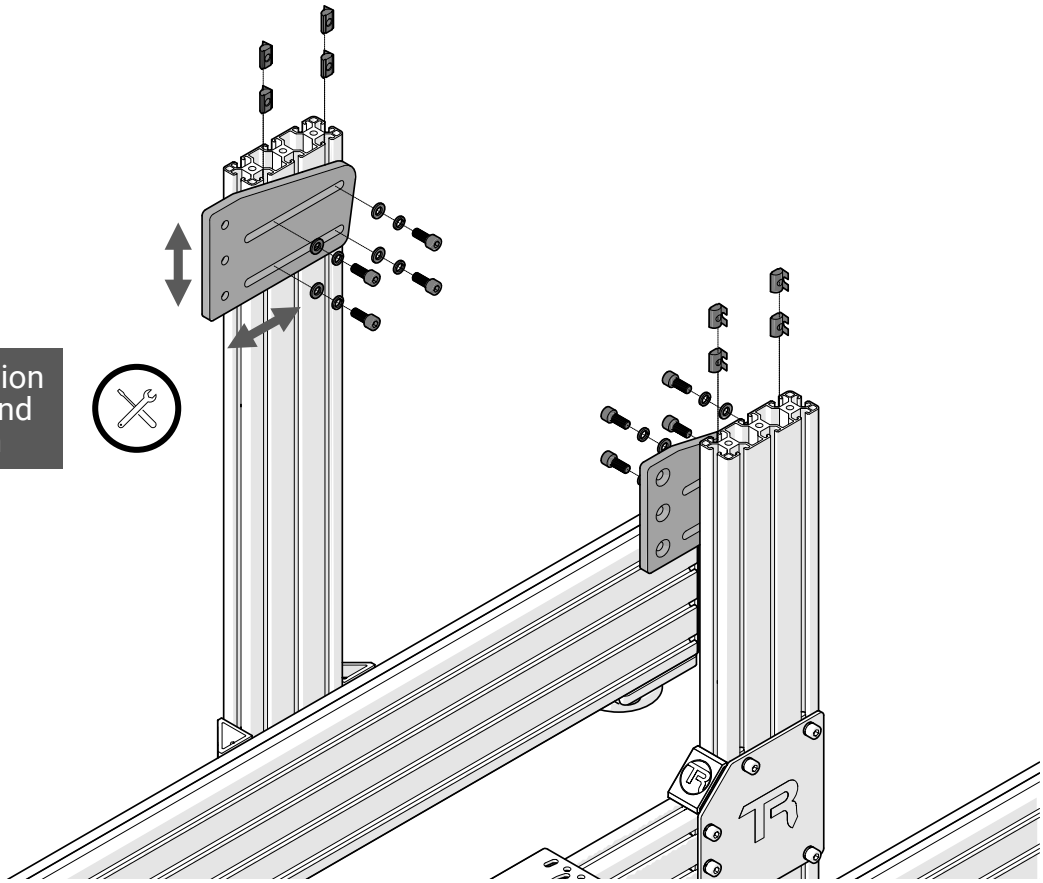
SH-M8-25 x8

WL-M8 x8

WF-M8 x8

WM-TR1-PP x2

NOTE: Adjust position after wheelbase and seat installation



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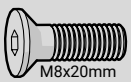
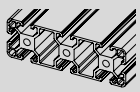
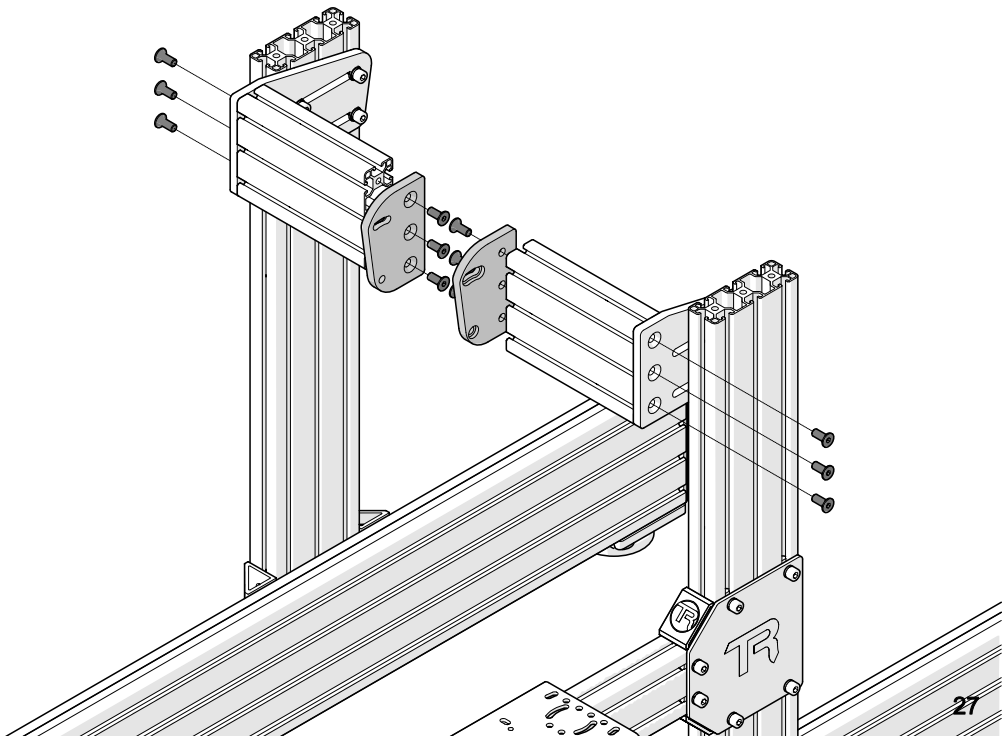


SF-M8-20 x12

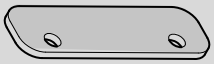

AT-120-180 x2

WMP x2



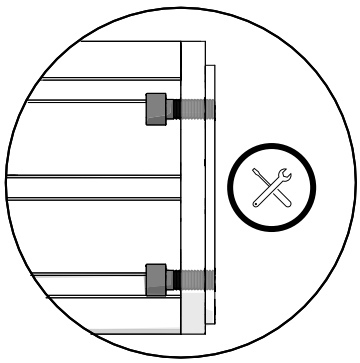
3

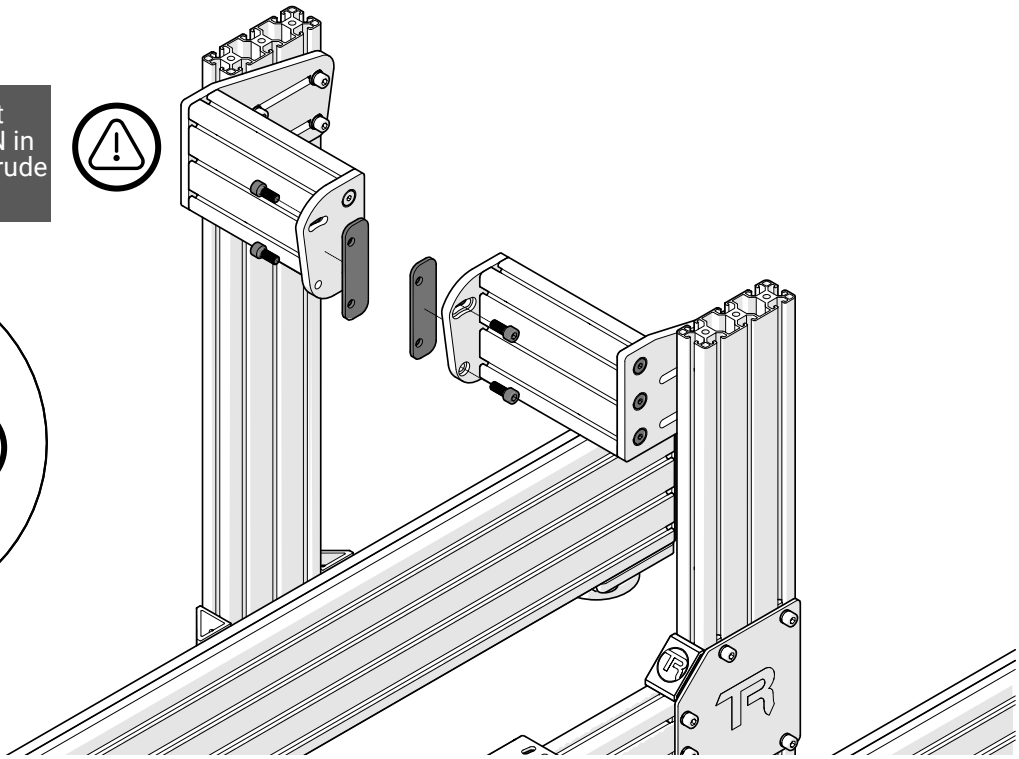
SH-M8-25 x4



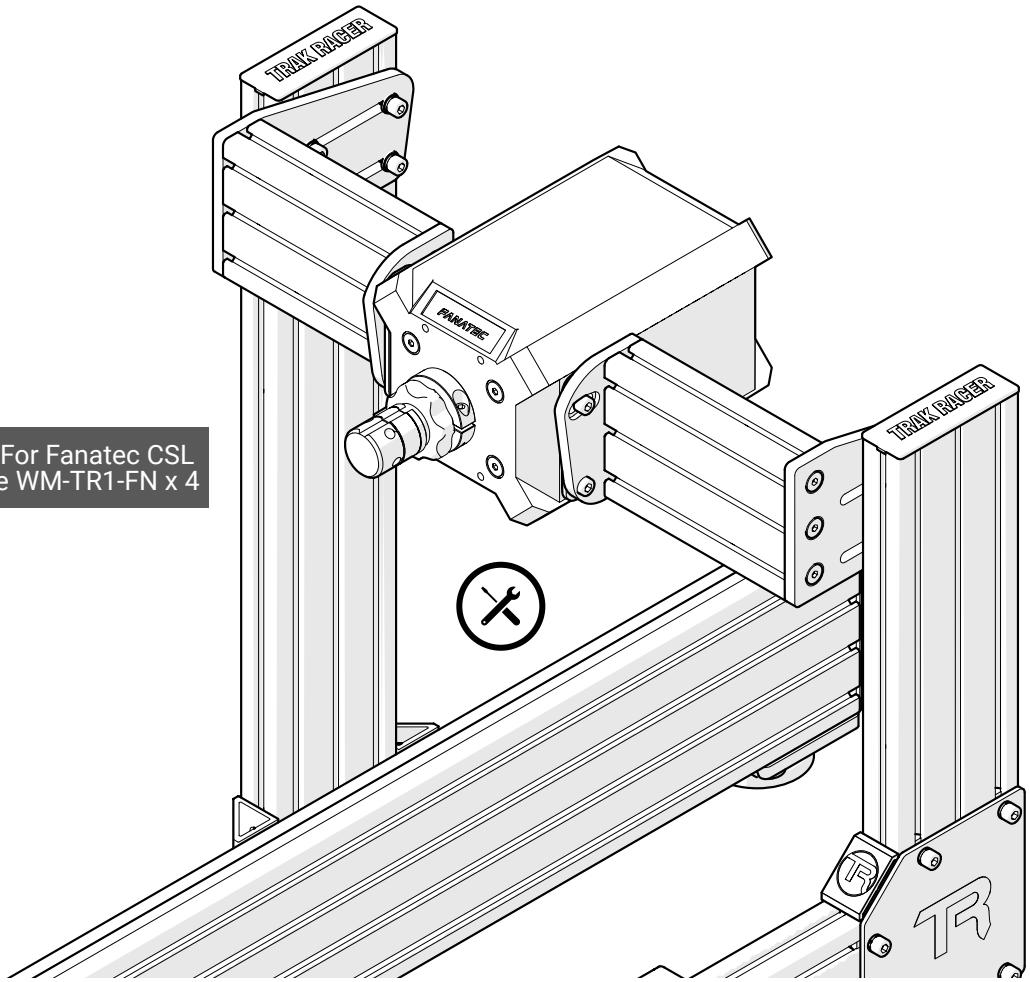
WM-TR1-FN x2

Note: Thread screws just enough to hold WM-TR1-FN in place so screws do not protrude past WM-TR1-FN plate.

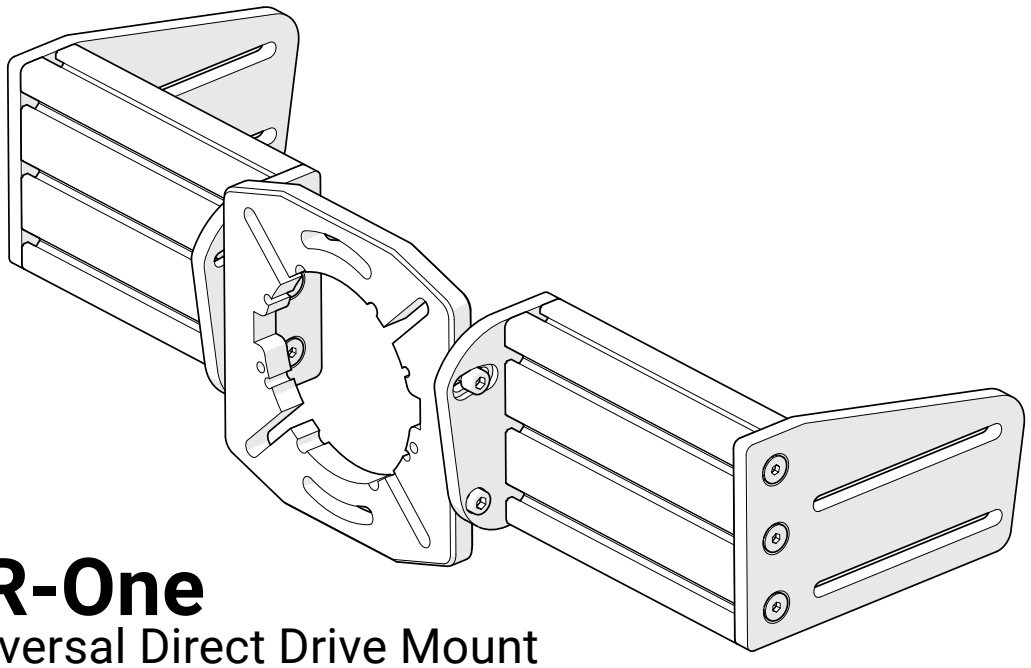




Note: For Fanatec CSL DD use WM-TR1-FN x 4



Wheel Mount Option 2



TR-One

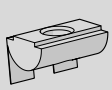
Universal Direct Drive Mount

Part #	Description	QTY	Check
BOX #: TR80-NWMA			
SH-M8-25	Screw (Hex), M8x25	12	
SF-M8-20	Screw (Flat), M8x20	12	
WF-M8	Washer (Flat), M8	8	
WL-M8	Washer (Lock), M8	8	
NS-M8	T-Nut (Spring), M8	8	
WM-TR1-FN	Wheel Mount, TR-ONE, Fanatec Plates	4	
WM-TR1-WP	Wheel Mount, TR-ONE, Wheel Plates	2	
WM-TR1-PP	Wheel Mount, TR-ONE, Profile Plates	2	
AT-120-180	Aluminum Profile (Threaded), 40x120x180mm	2	
BOX #: TR80-NWMDD			
SH-M8-20	Screw (Hex), M8x20	4	
SH-M8-25	Screw (Hex), M8x25	4	
WF-M8	Washer (Flat), M8	4	
SH-M6-20	Screw (Hex), M6x20	2	
WF-M6	Washer (Flat), M6	2	
WM-DD	Wheel Mount, Direct Drive	1	

* **NOTE:** Extra hardware may be included as spare parts

TR80-NWMA + TR80-NWMDD

1


NS-M8 x8

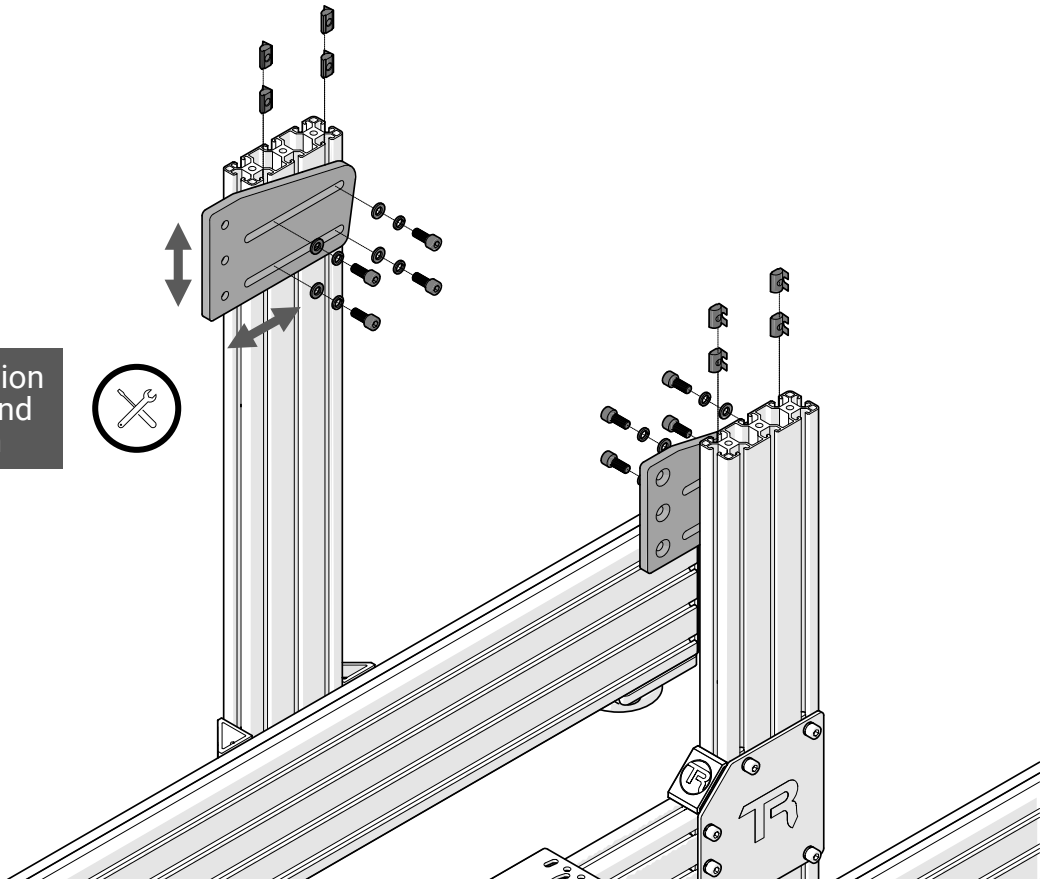
SH-M8-25 x8

WL-M8 x8

WF-M8 x8

WM-TR1-PP x2

NOTE: Adjust position after wheelbase and seat installation



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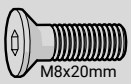
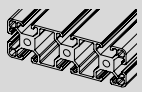
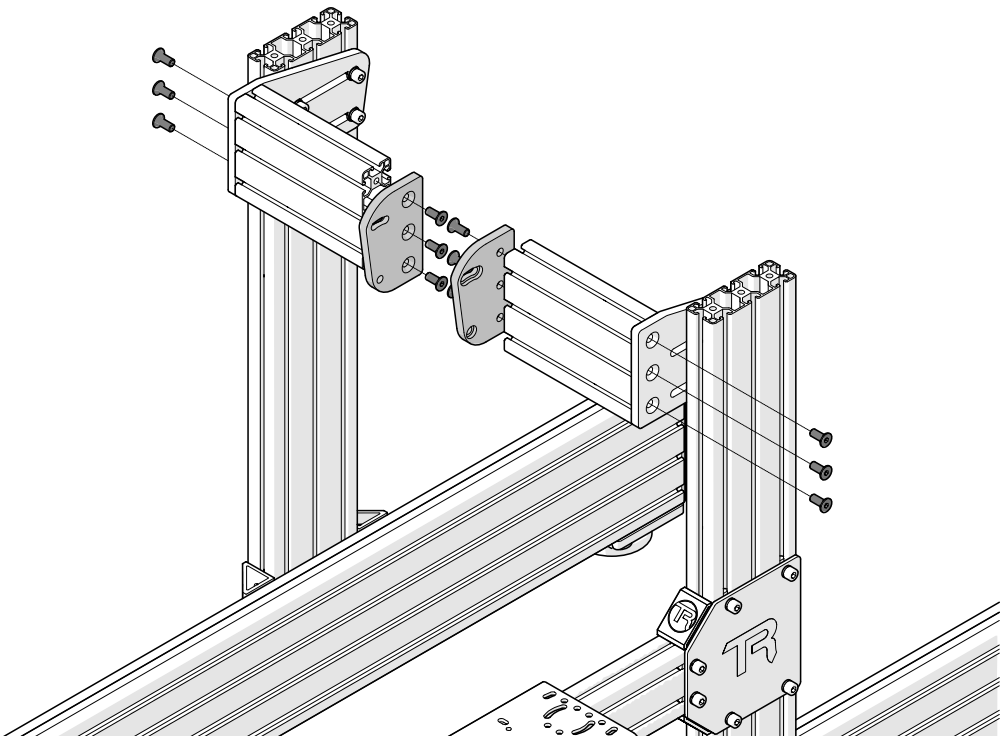


SF-M8-20 x12


AT-120-180 x2

WM-TR1-WP x2



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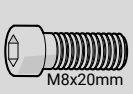
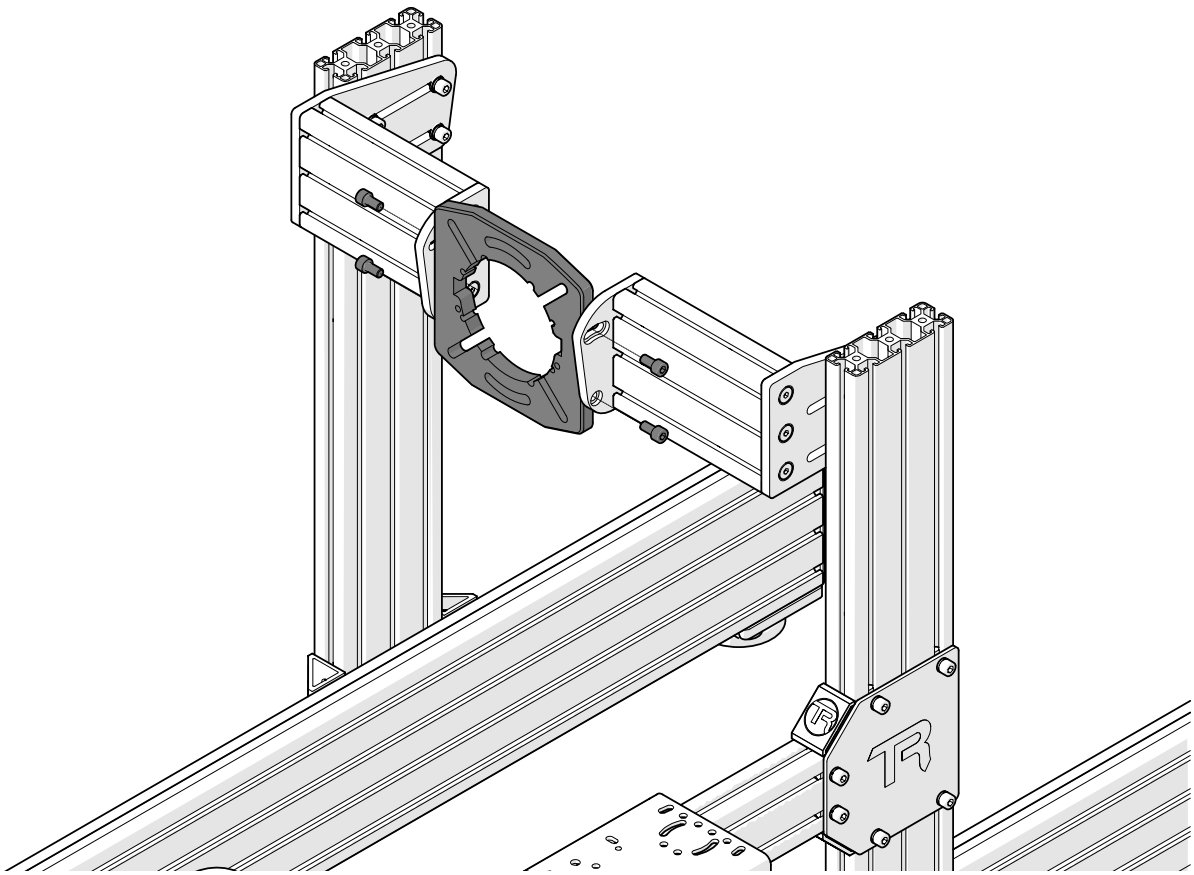
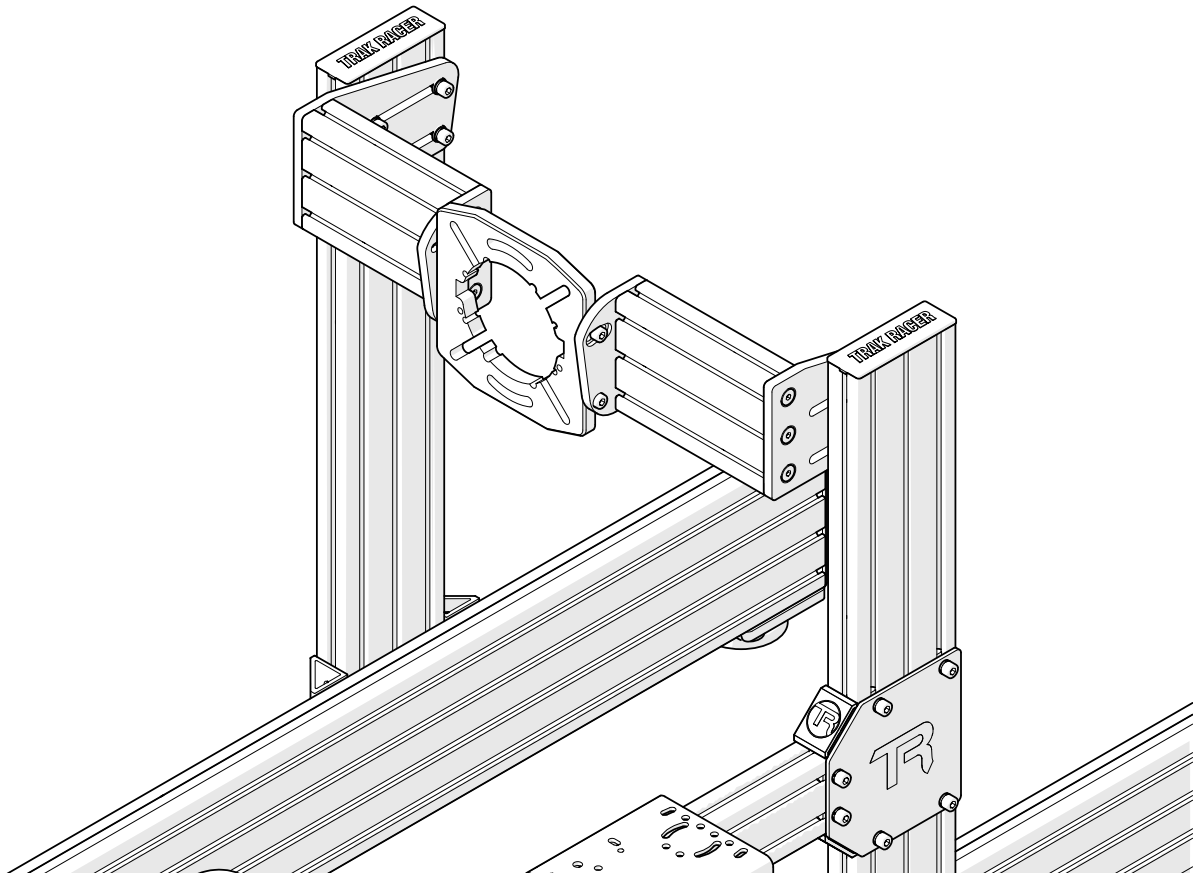


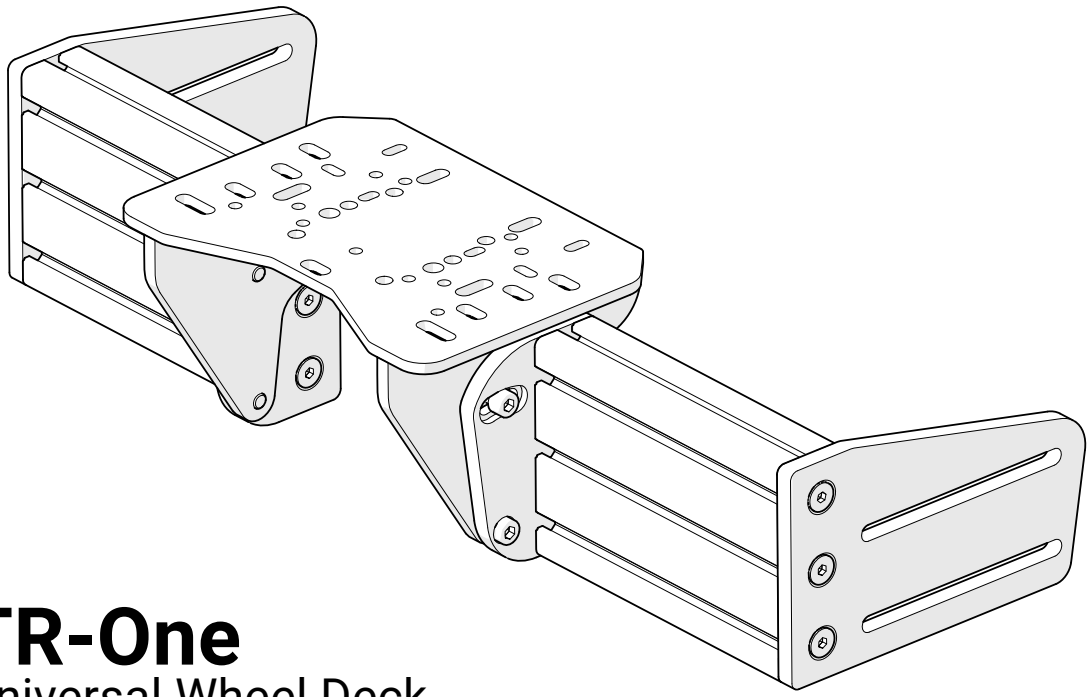
SH-M8-20 x4

WM-DD x1





Wheel Mount Option 3

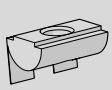


TR-One
Universal Wheel Deck

Part #	Description	QTY	Check
BOX #: TR80-NWMA			
SH-M8-25	Screw (Hex), M8x25	12	
SF-M8-20	Screw (Flat), M8x20	12	
WF-M8	Washer (Flat), M8	8	
WL-M8	Washer (Lock), M8	8	
NS-M8	T-Nut (Spring), M8	8	
WM-TR1-FN	Wheel Mount, TR-ONE, Fanatec Plates	4	
WM-TR1-WP	Wheel Mount, TR-ONE, Wheel Plates	2	
WM-TR1-PP	Wheel Mount, TR-ONE, Profile Plates	2	
AT-120-180	Aluminum Profile (Threaded), 40x120x180mm	2	
BOX #: TR80-NWM4			
SH-M8-15	Screw (Hex), M8x15	4	
SH-M6-15	Screw (Hex), M6x15	4	
WF-M6	Washer (Flat), M6	4	
WM-WM4	Wheel Mount, TR80-NWM4 Assembly	1	

* **NOTE:** Extra hardware may be included as spare parts

1


NS-M8 x8

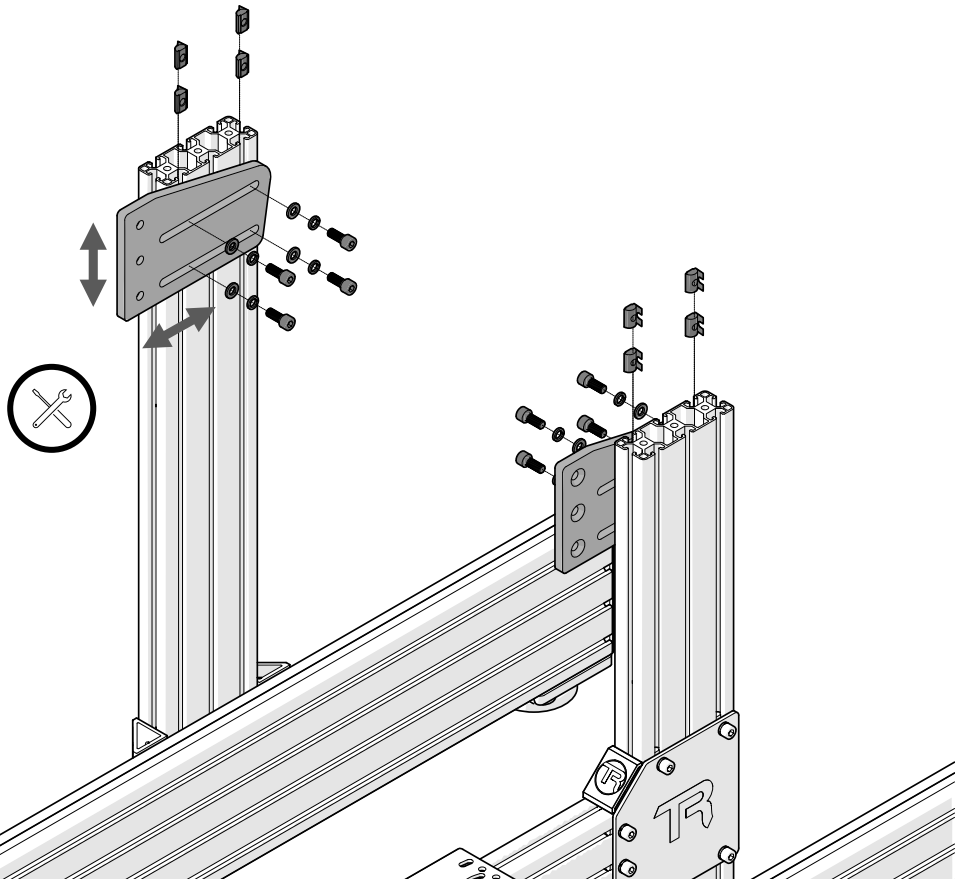
SH-M8-25 x8

WL-M8 x8

WF-M8 x8

WM-TR1-PP x2

NOTE: Adjust position after wheelbase and seat installation



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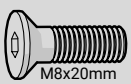
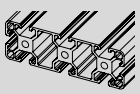
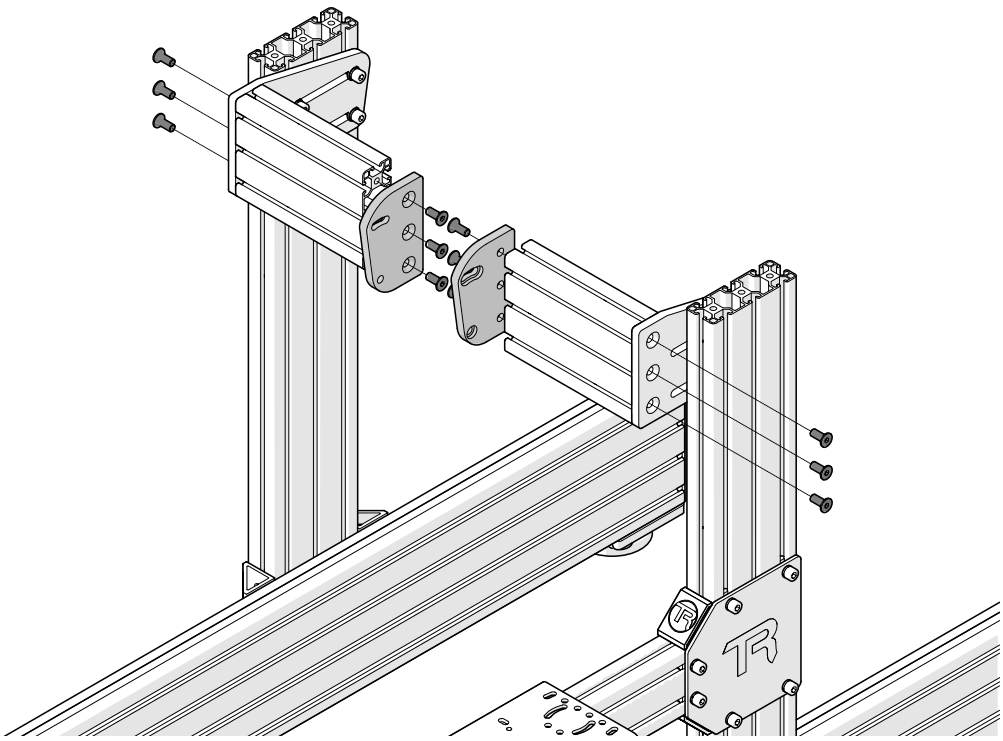


SF-M8-20 x12


AT-120-180 x2

WM-TR1-WP x2



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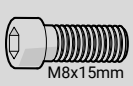
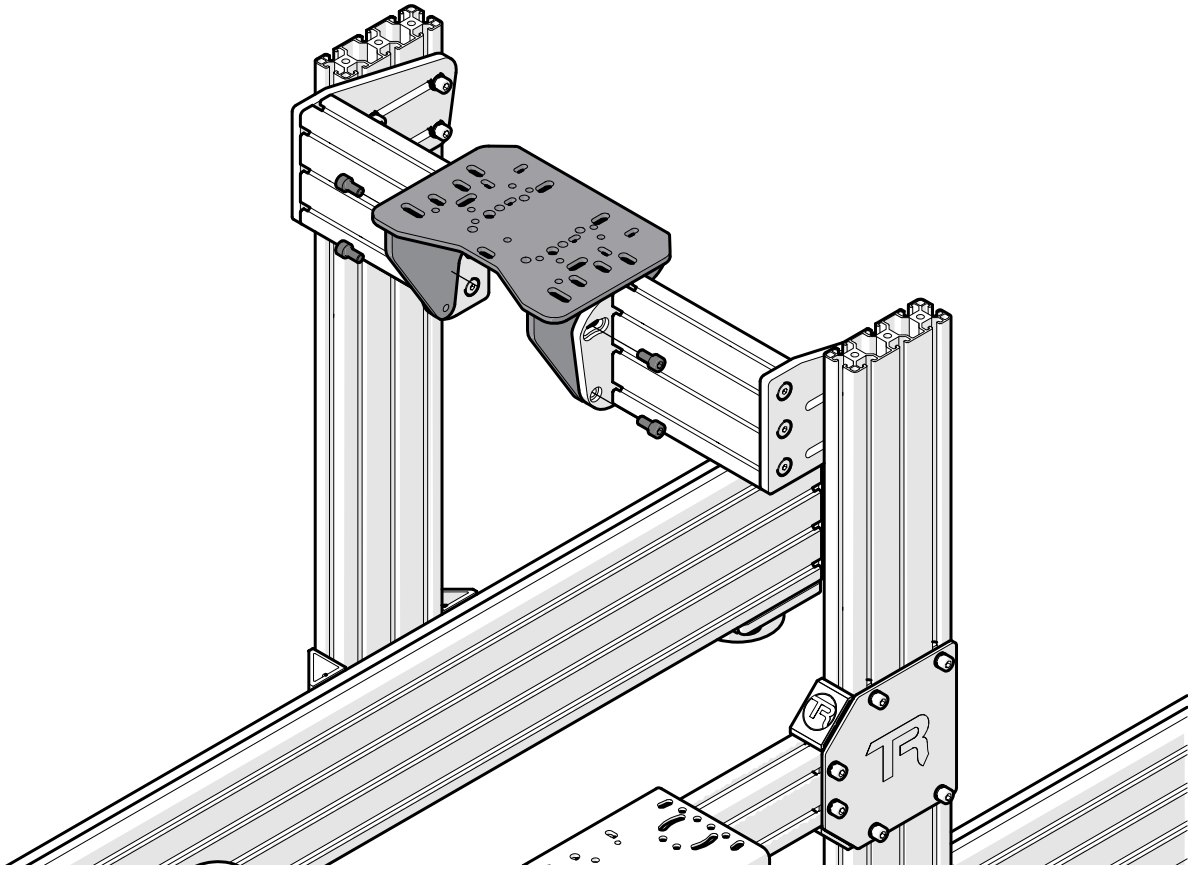
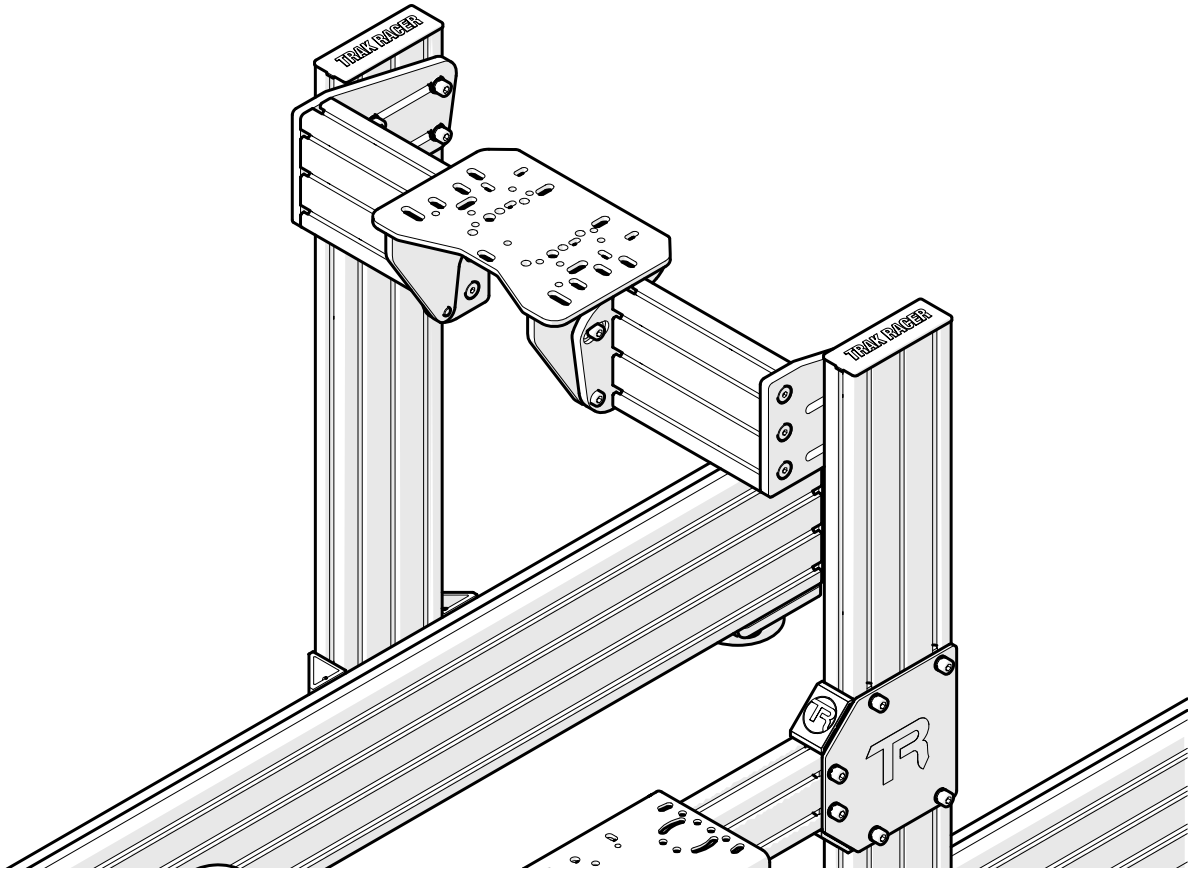


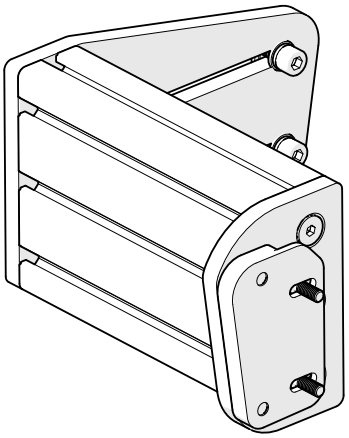
SH-M8-15 x4

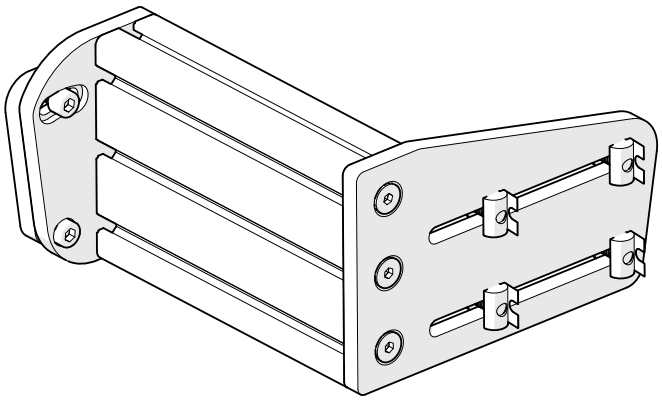
WM-WM4 x1





Wheel Mount Option 4





TR-One

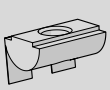
Simagic M10 Direct Drive Mount

Part #	Description	QTY	Check
BOX #: TR80-NWMA			
SH-M8-25	Screw (Hex), M8x25	12	
SF-M8-20	Screw (Flat), M8x20	12	
WF-M8	Washer (Flat), M8	8	
WL-M8	Washer (Lock), M8	8	
NS-M8	T-Nut (Spring), M8	8	
WM-TR1-FN	Wheel Mount, TR-ONE, Fanatec Plates	4	
WM-TR1-WP	Wheel Mount, TR-ONE, Wheel Plates	2	
WM-TR1-PP	Wheel Mount, TR-ONE, Profile Plates	2	
AT-120-180	Aluminum Profile (Threaded), 40x120x180mm	2	
BOX #: TR80-NWMSM			
SH-M8-16	Screw (Hex), M8x16	4	
SH-M6-16	Screw (Hex), M6x16	4	
WF-M6	Washer (Flat), M6	4	
WM-TR1-SM	Wheel Mount, TR-ONE, Sim Magic Plates	2	

* **NOTE:** Extra hardware may be included as spare parts

TR80-NWMA + TR80-NWMSM

1


NS-M8 x8

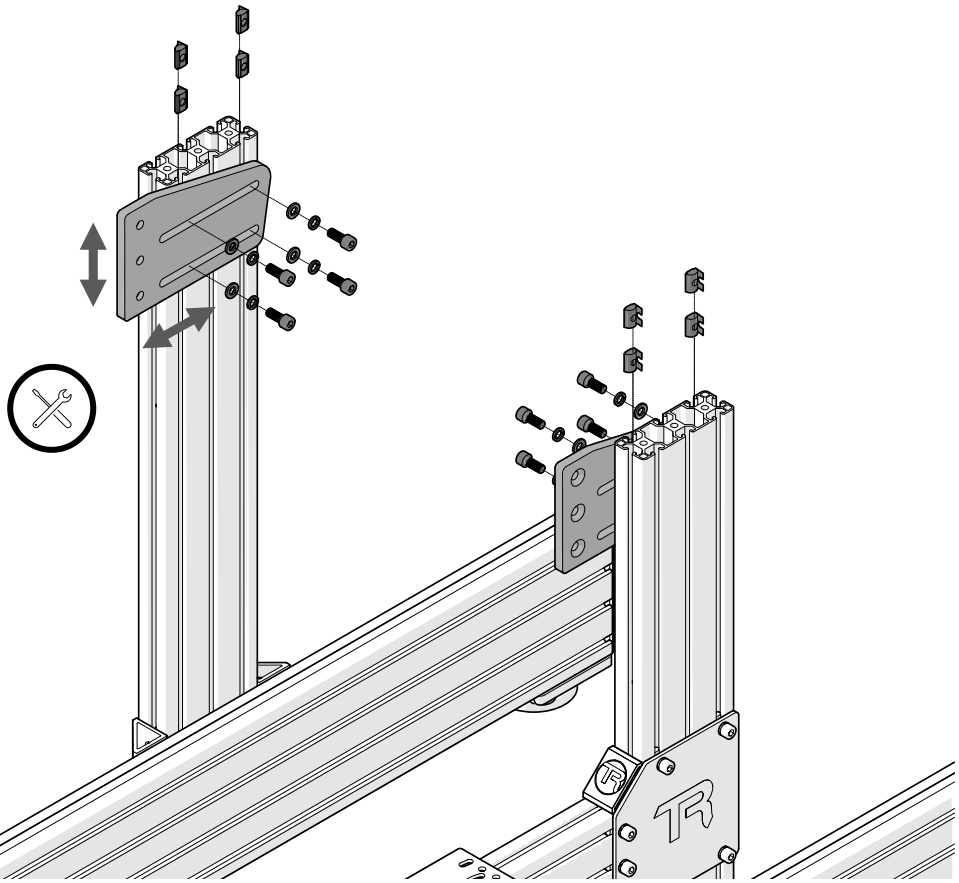
SH-M8-25 x8

WL-M8 x8

WF-M8 x8

WM-TR1-PP x2

NOTE: Adjust position after wheelbase and seat installation



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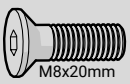
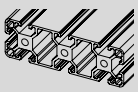
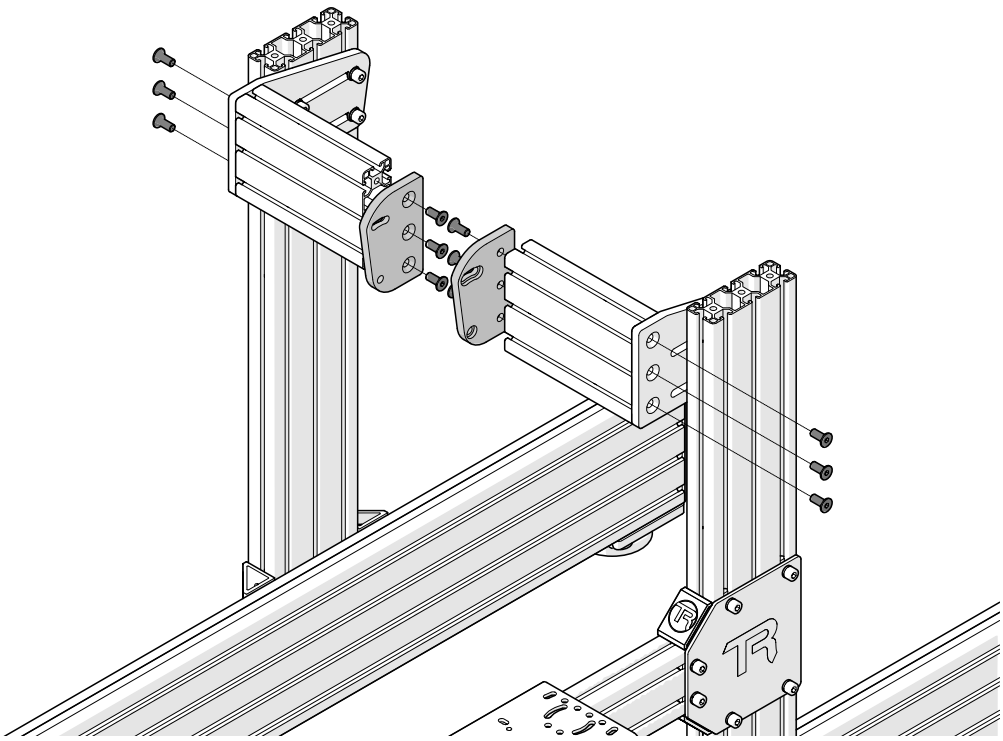


SF-M8-20 x12


AT-120-180 x2

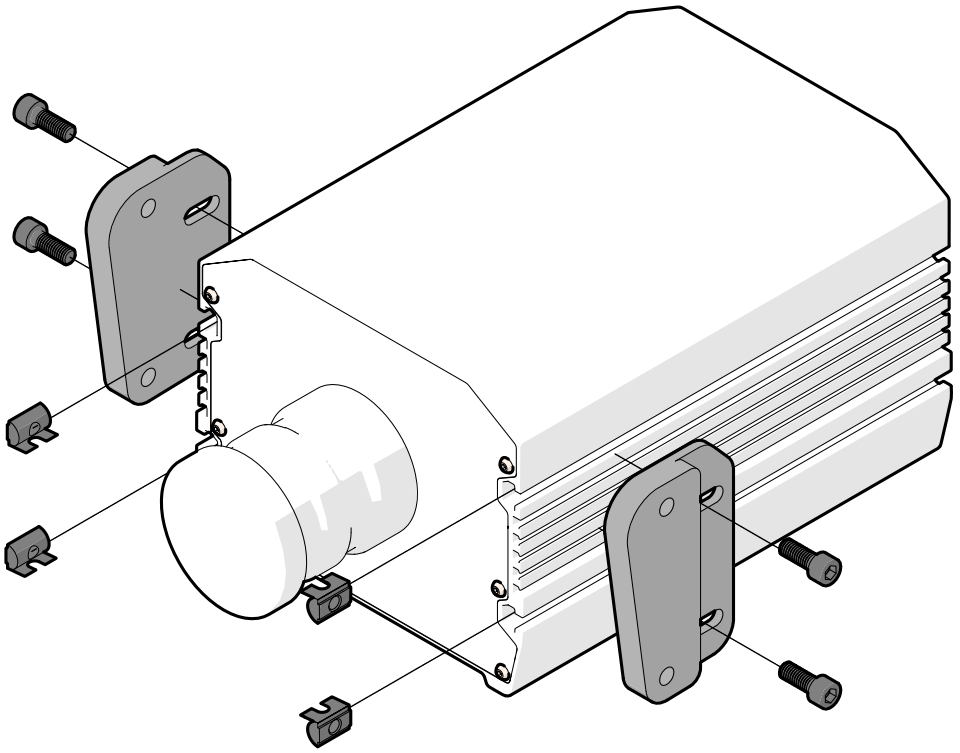
WM-TR1-WP x2



3

Note: Use screws and t-nuts provided with wheelbase.

WM-TR1-SM x2



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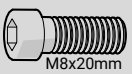
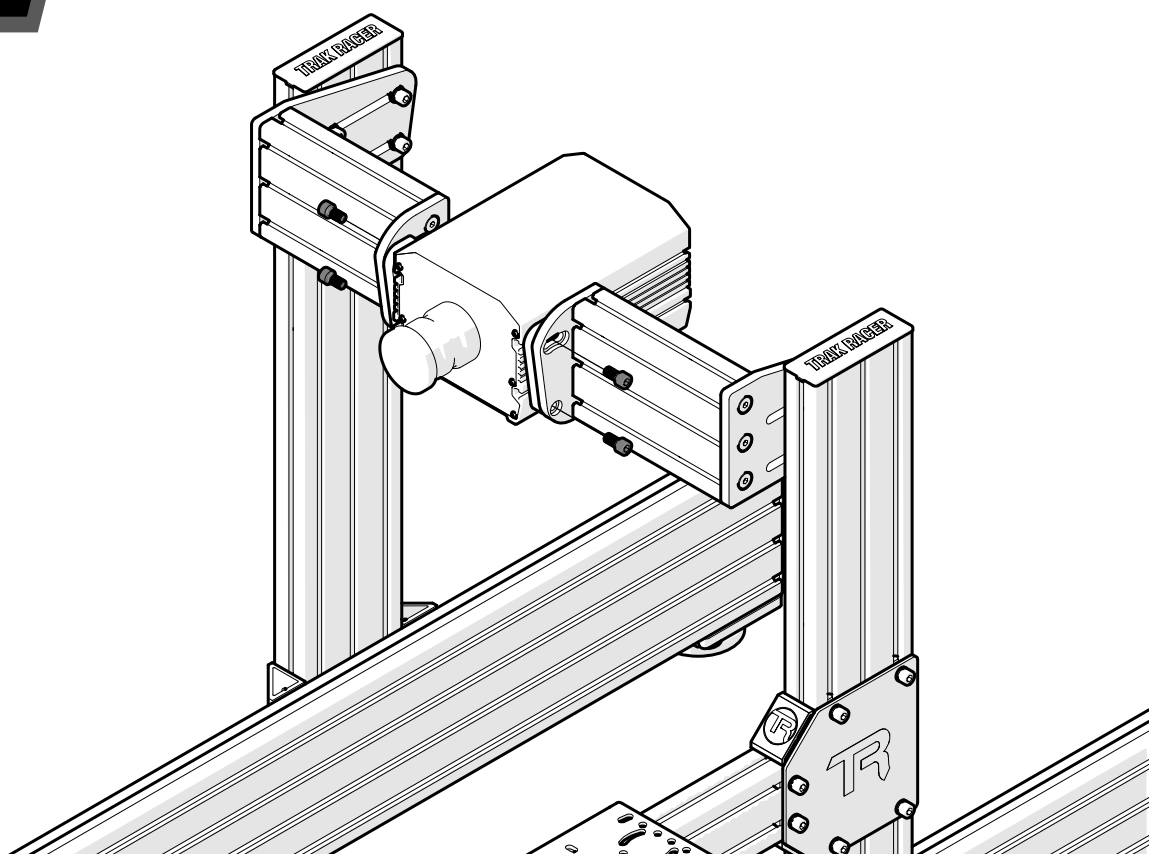
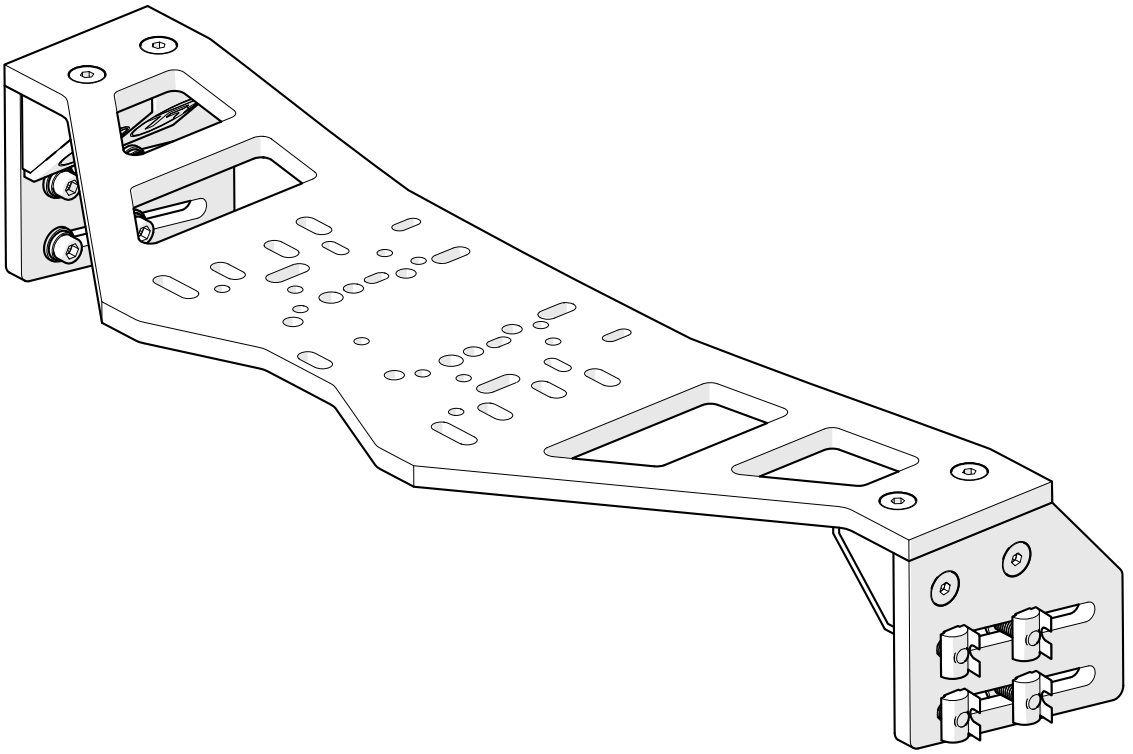


M8x20mm

SH-M8-16 x4



Wheel Mount Option 5

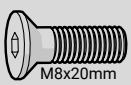


Universal Wheel Base Plate

Part #	Description	QTY	Check
BOX #: TR80-WMPLATE			
SH-M8-20	Screw (Hex), M8x20	8	
SF-M8-20	Screw (Flat), M8x20	8	
SH-M6-20	Screw (Hex), M6x20	4	
WF-M8	Washer (Flat), M8	8	
WL-M8	Washer (Lock), M8	8	
NF-M8	Nut (Flange), M8	8	
NS-M8	T-Nut (Spring), M8	8	
BC-40	Bracket, Corner with Cap, 40x40	4	
WM-WMP-DP	Wheel Mount, Universal, Deck Plate	1	
WM-WMP-PP	Wheel Mount, Universal, Profile Plates	2	

* **NOTE:** Extra hardware may be included as spare parts

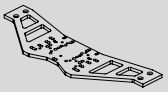
1

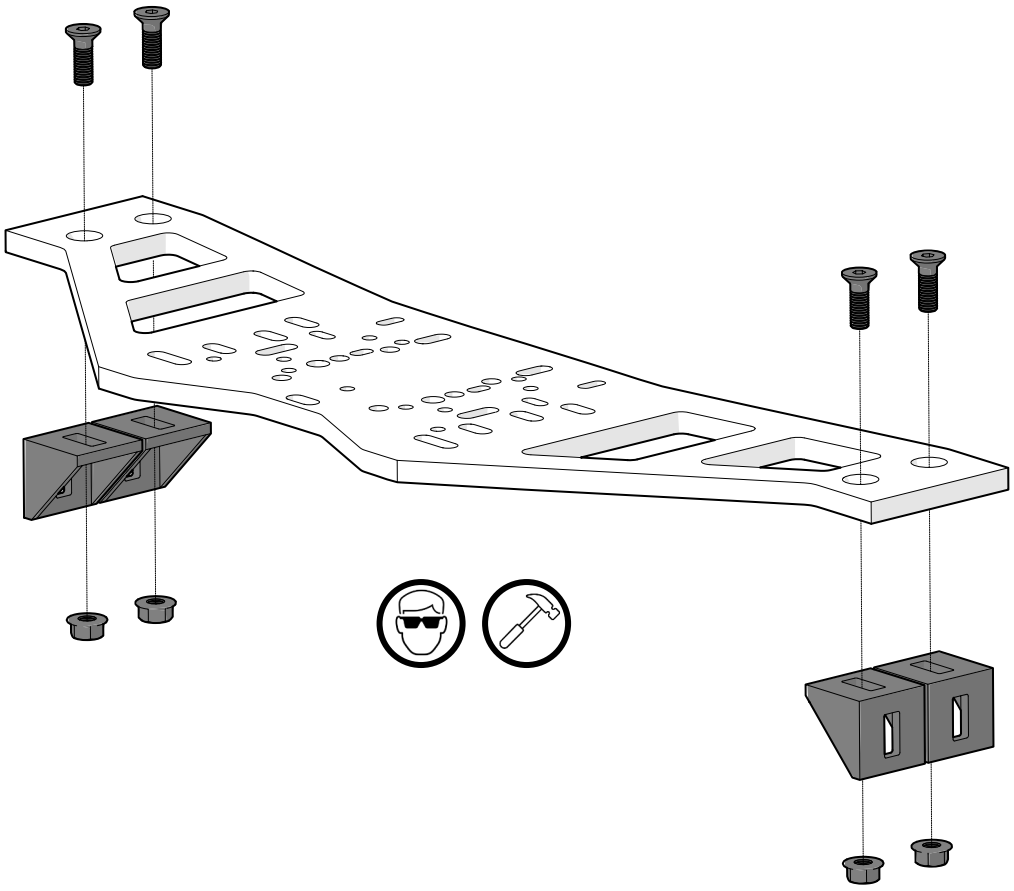


SF-M8-20 x4

NF-M8 x4

BC-40 x4


WM-WMP-DP x1



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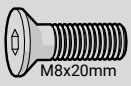
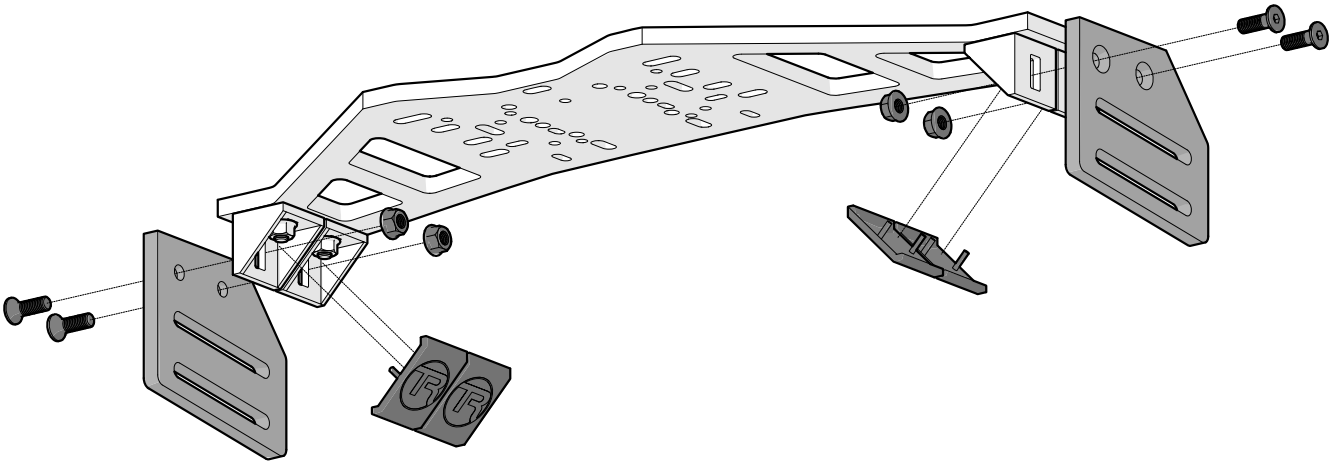


SF-M8-20 x4

NF-M8 x4

WM-WMP-PP x4

BC-40 x4



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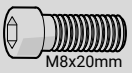
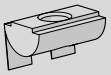


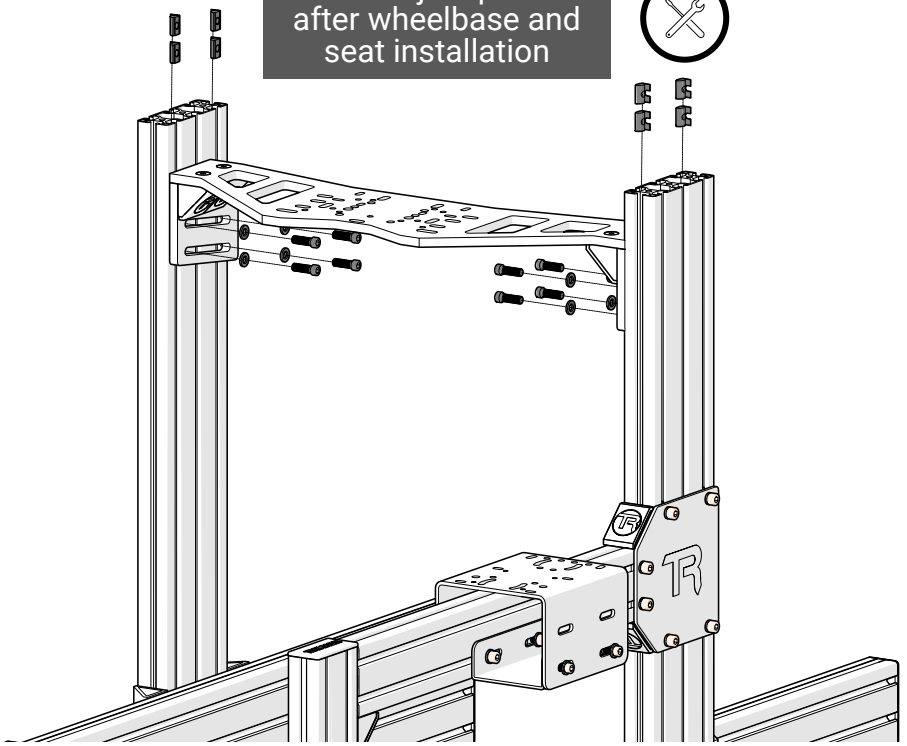
SH-M8-20 x8

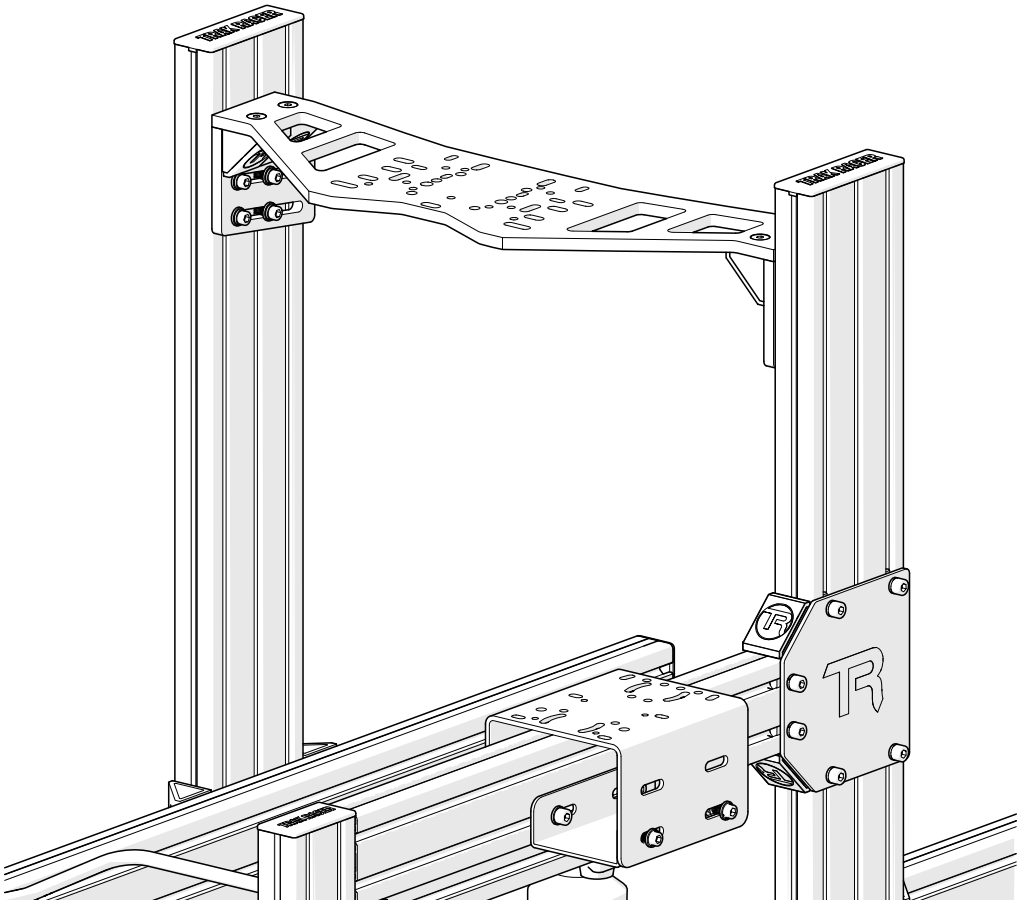
WF-M8 x8



NS-M8 x8

NOTE: Adjust position after wheelbase and seat installation





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