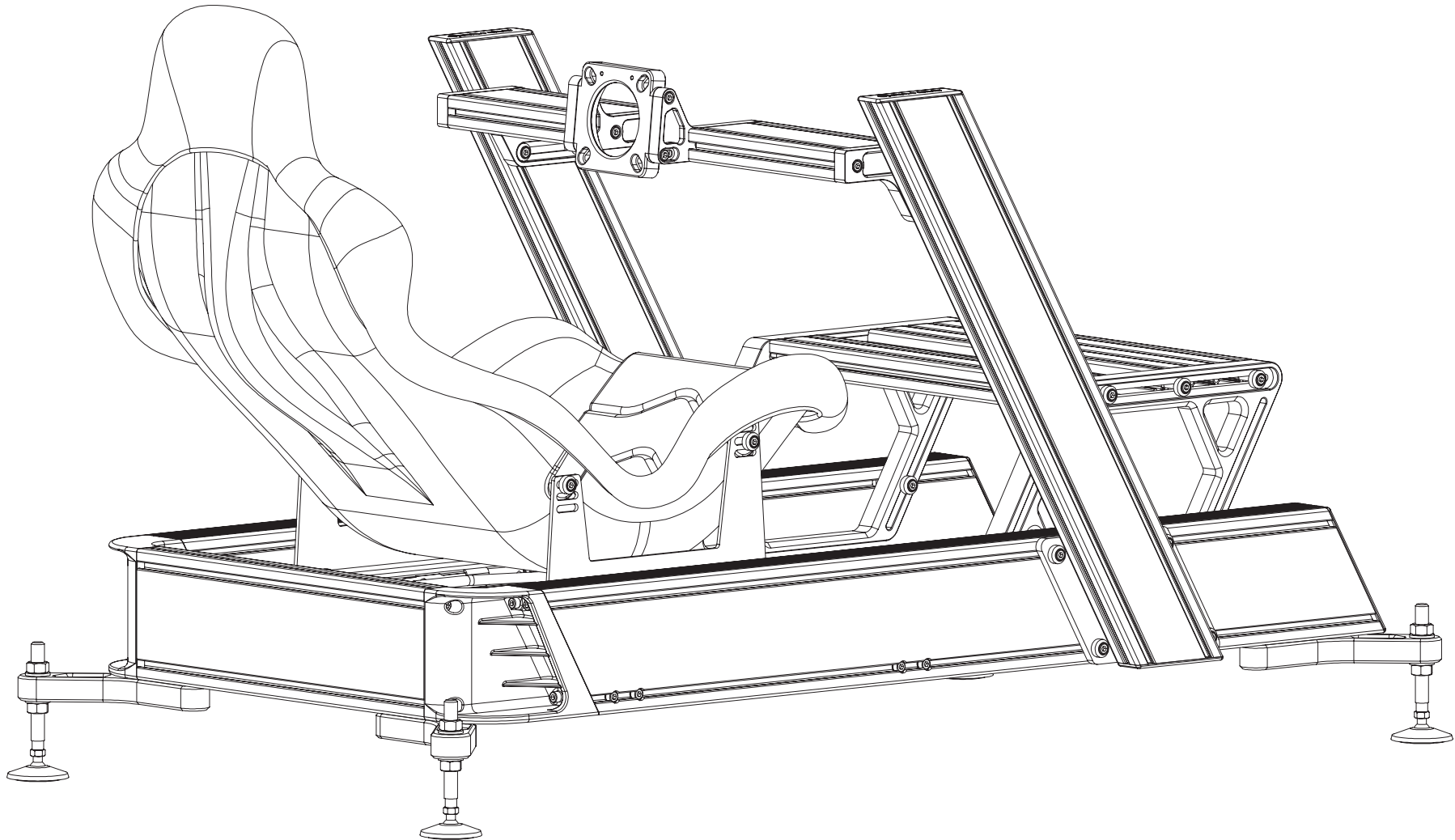


SIM LAB

INSTRUCTION MANUAL



Mercedes-AMG PETRONAS Formula One Team Sim Racing Cockpit

VERSION 1.1

Last updated: 23-09-2025

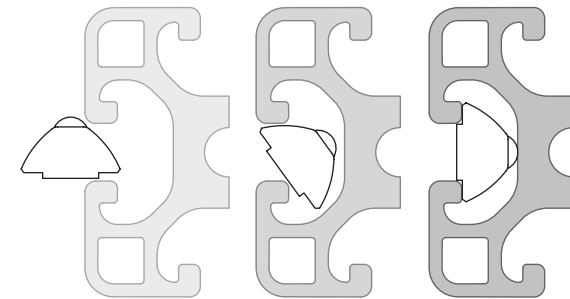
BEFORE YOU START:

Thank you for purchasing this Sim-Lab product! On the following pages, you will find detailed instructions on assembly. This requires only a set of simple tools and some of your time. Please check the bill of materials before starting (pages 29/31) and make sure all the parts are delivered.

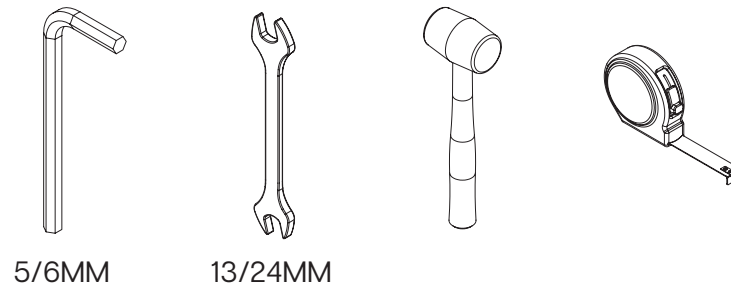
This manual also includes instructions for the optional **Mercedes-AMG PETRONAS Formula One Team Sim Racing Bucket Seat** and **Seat Brackets and Slider Set**. Please refer to the pages starting at page 20 for instructions regarding mounting seat sliders, seat brackets and the seat itself.

Inserting Slot-Nuts:

You got excited, finished the build, put the caps on, but forgot to install one element. Do not worry. It happens to everyone. In this diagram, you can see how to insert a Slot-Nut directly into the slot from the side. You can also use one of your smaller Hex wrenches to help wiggle the Slot-Nut in place.



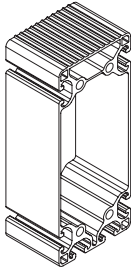
Tools needed:



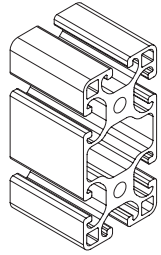
1350MM

600MM

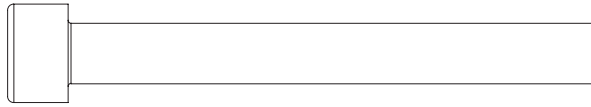
M8 X 70

Washer M8
(DIN 988)

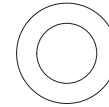
2X



2X



8X

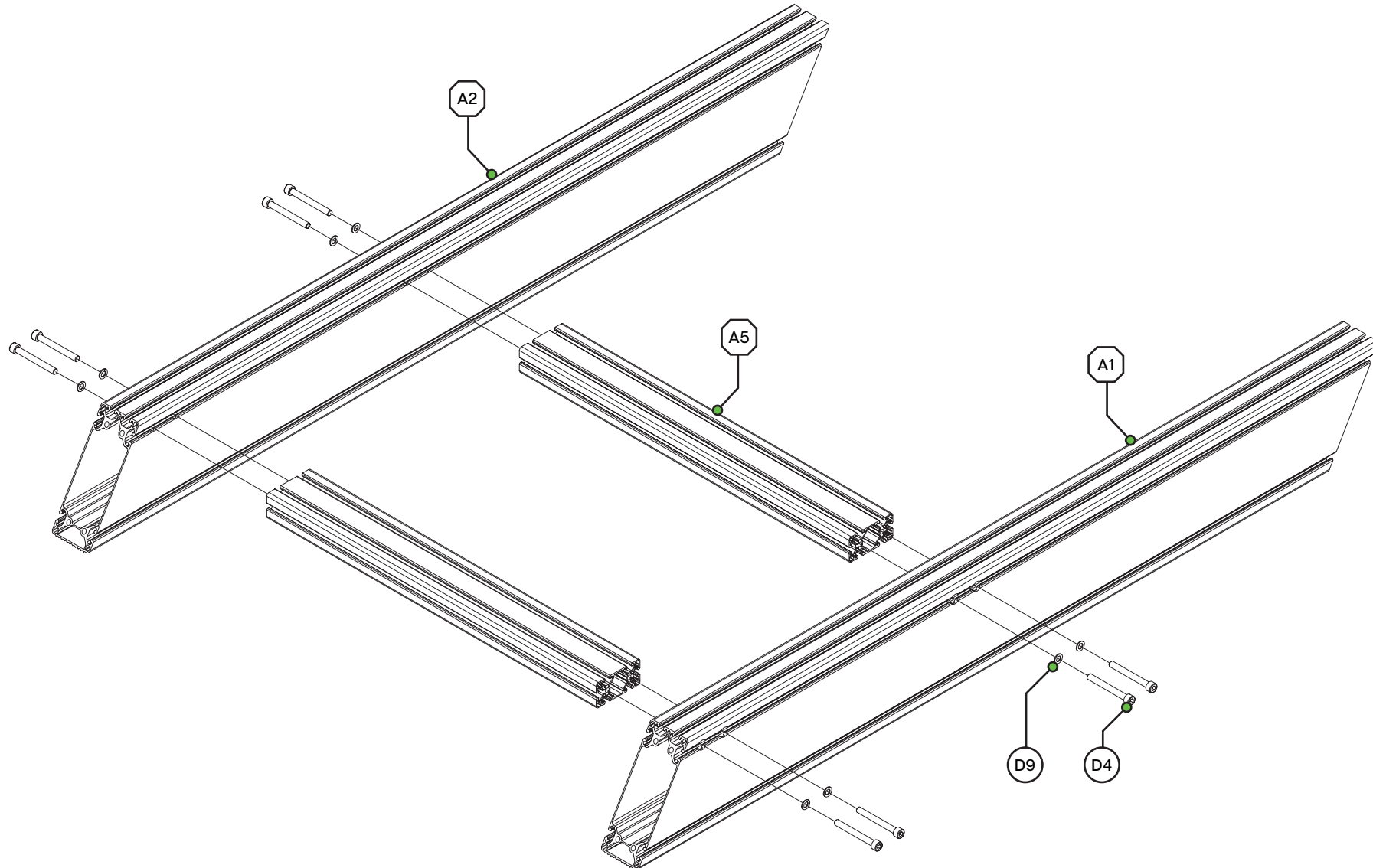


8X

The counterbores on the profiles should be on the outside of the cockpit.

Logos appear upside down.

Do NOT tighten all bolts fully just yet.



Formula Corner
Bracket Left (c2)

Formula Corner
Bracket Right (c3)

M8 X 25

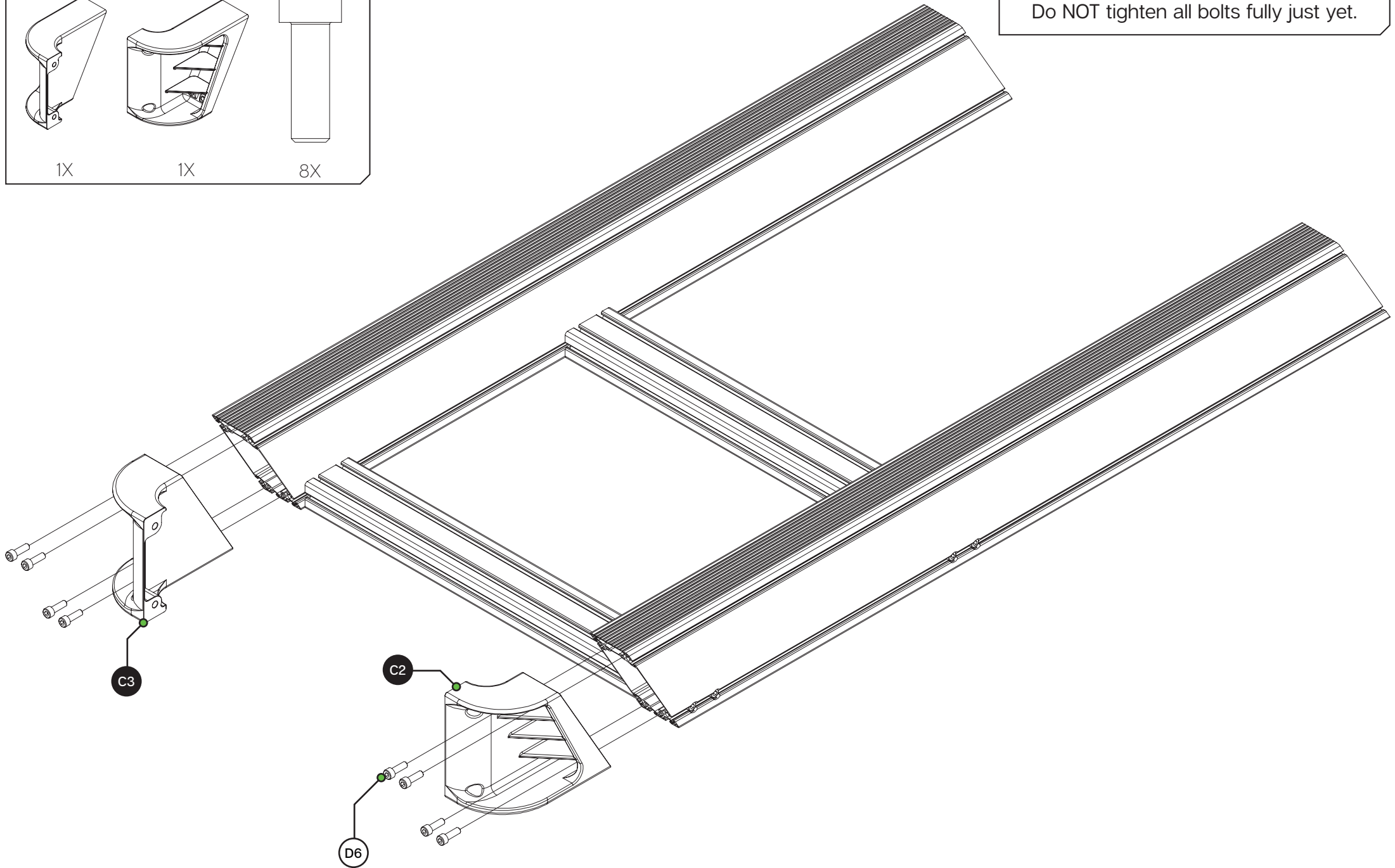
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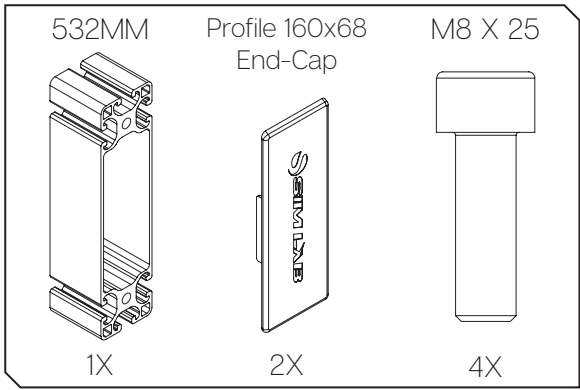
1X

8X

Logos appear upside down.

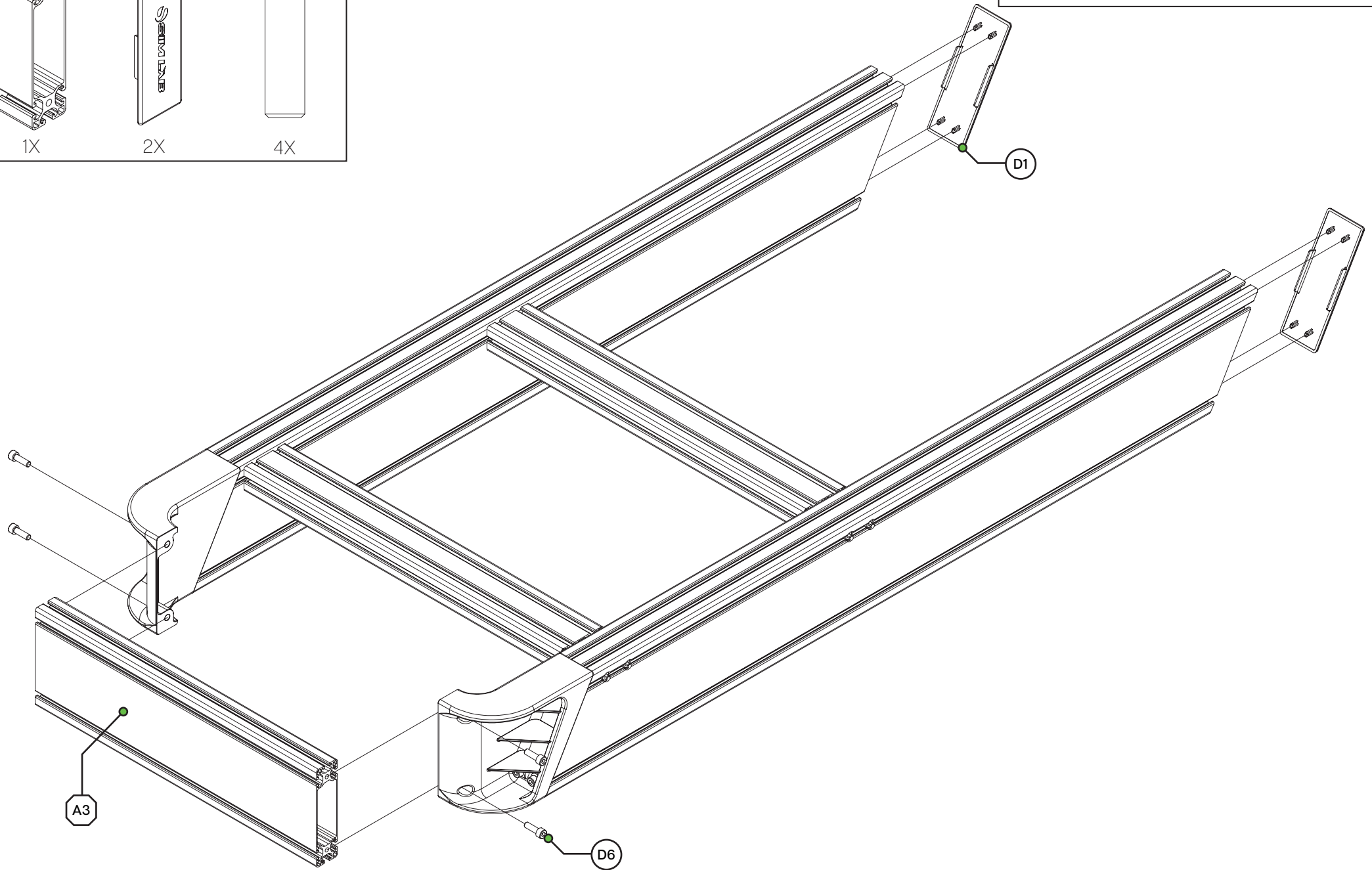
Do NOT tighten all bolts fully just yet.



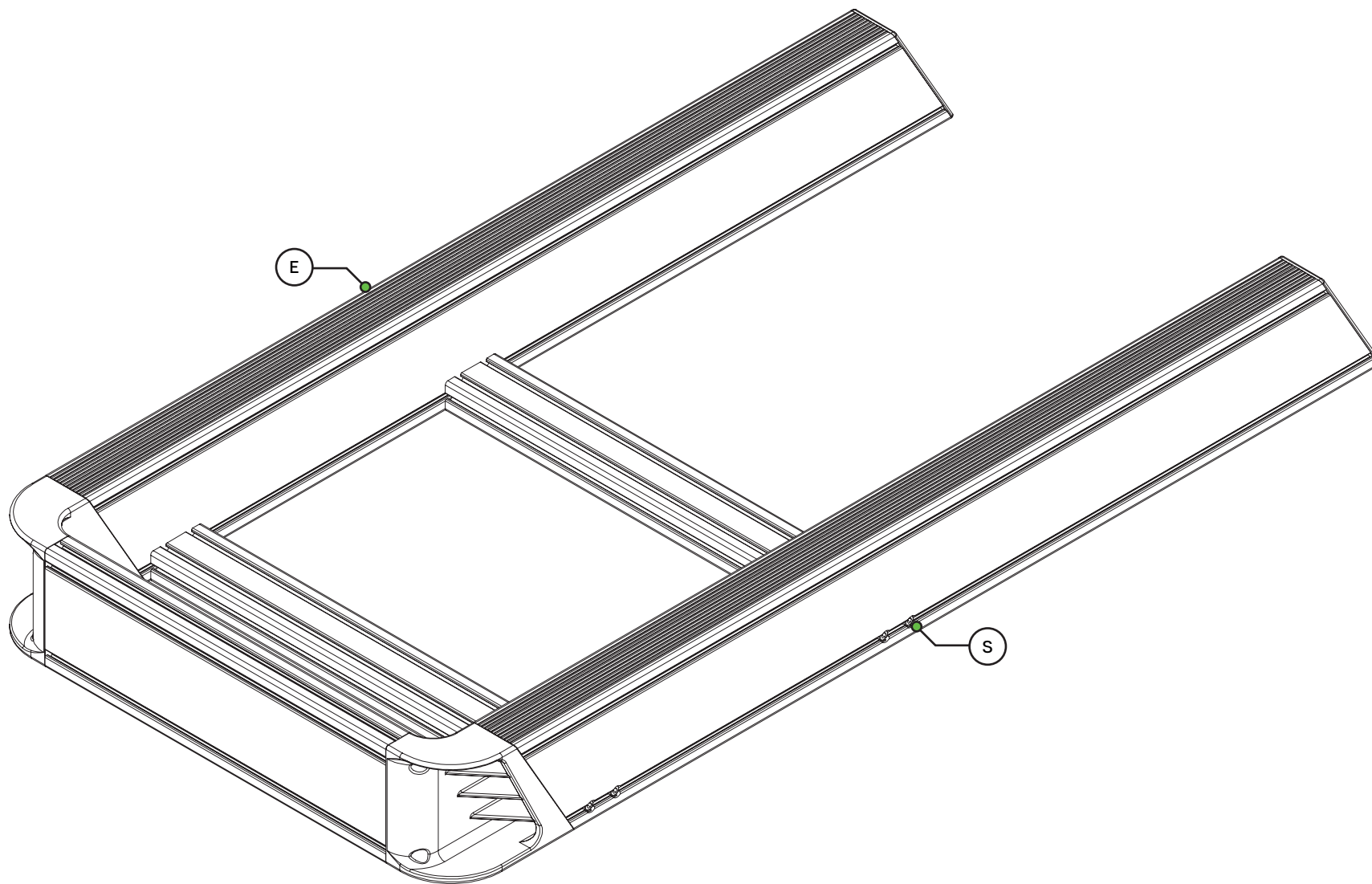


Logos appear upside down.

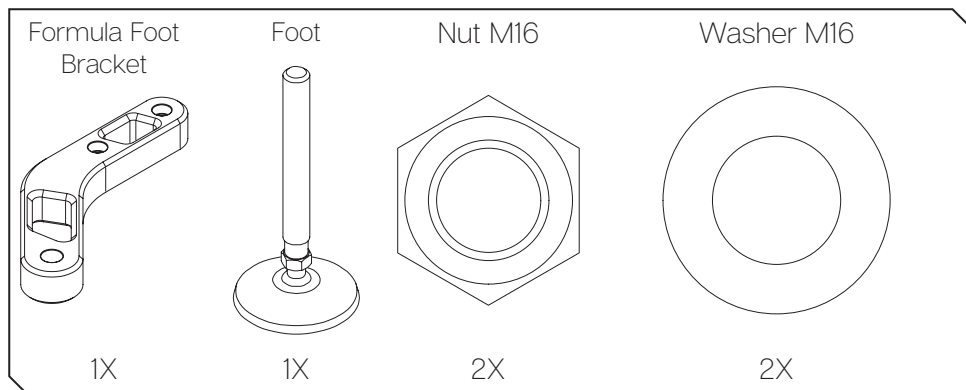
Do NOT tighten all bolts fully just yet.



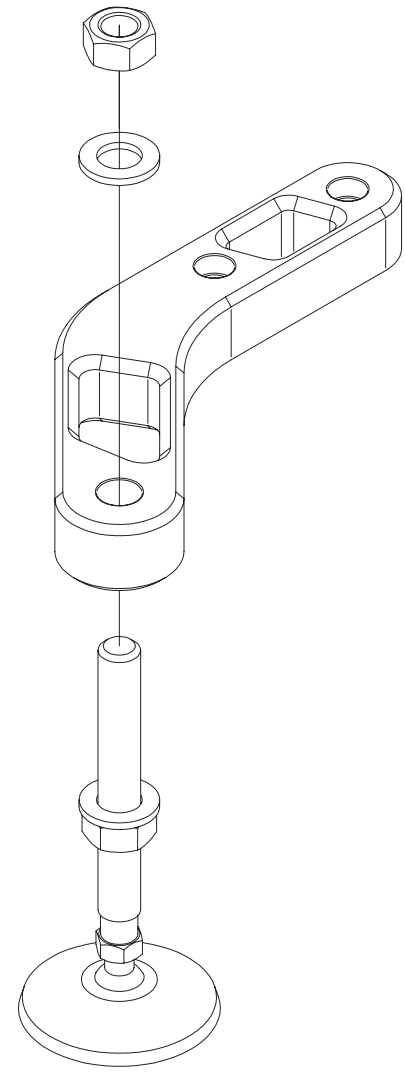
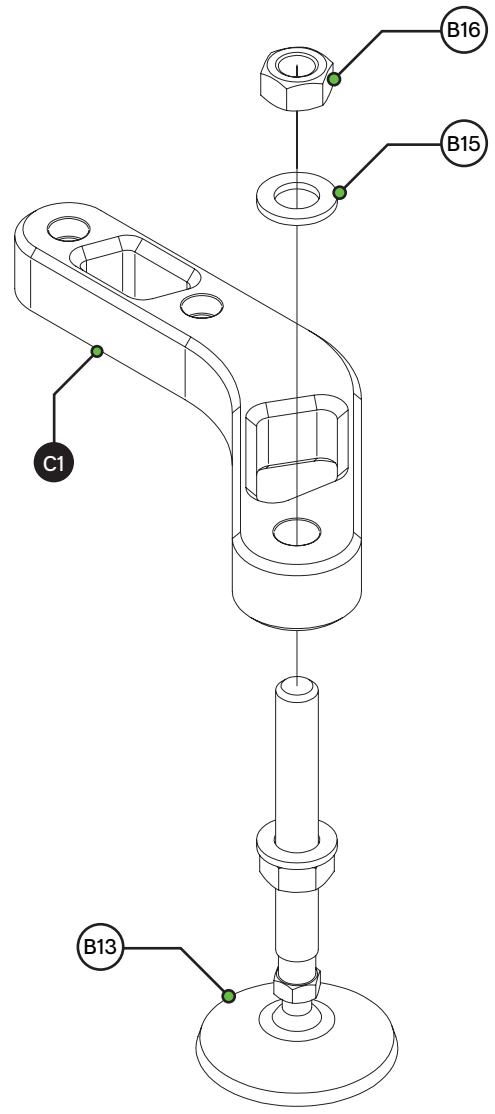
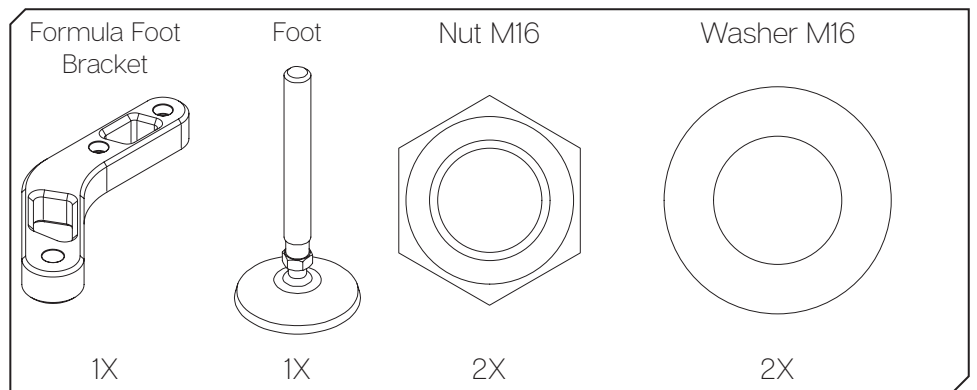
Now all parts are assembled, all bolts can be tightened fully.



We start to suggest to start here (S) and work your way clockwise towards the end (E).

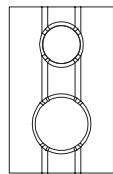
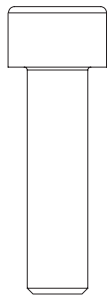


BUILD
BOTH
VERSIONS
2X



M8 X 30

Slot-Nut M8

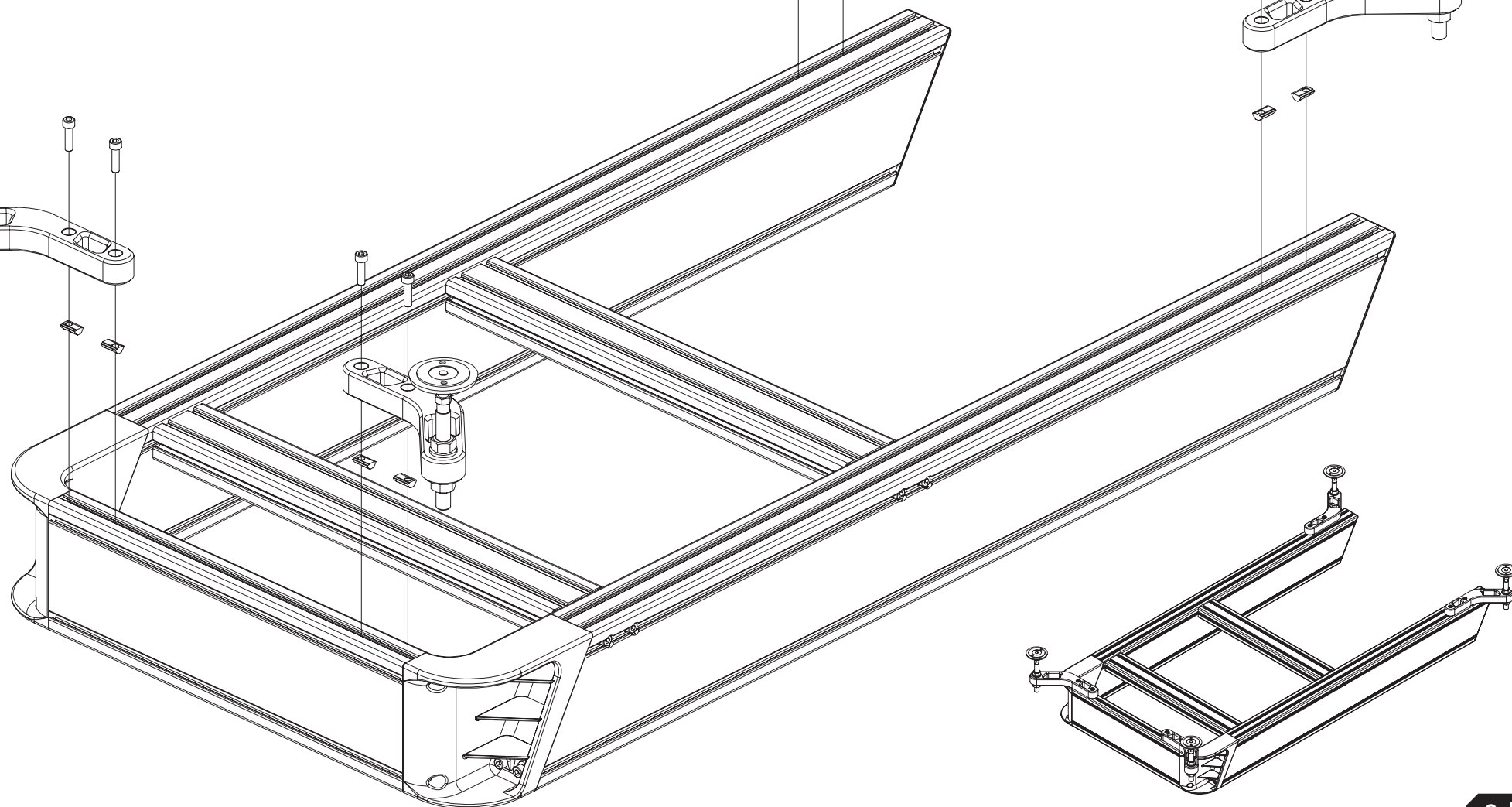
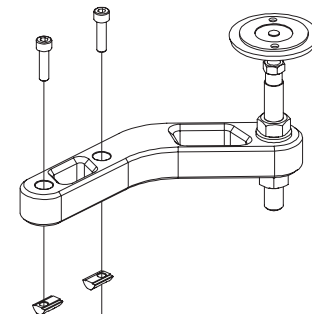
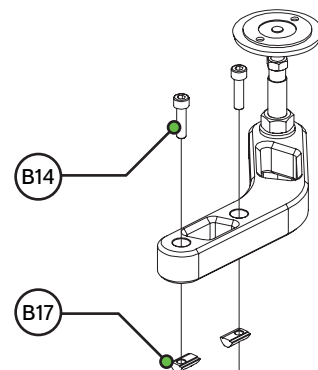
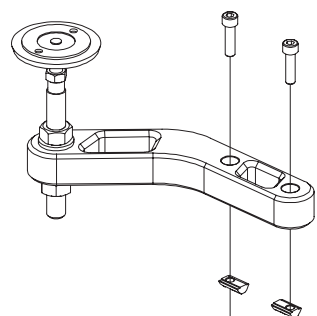


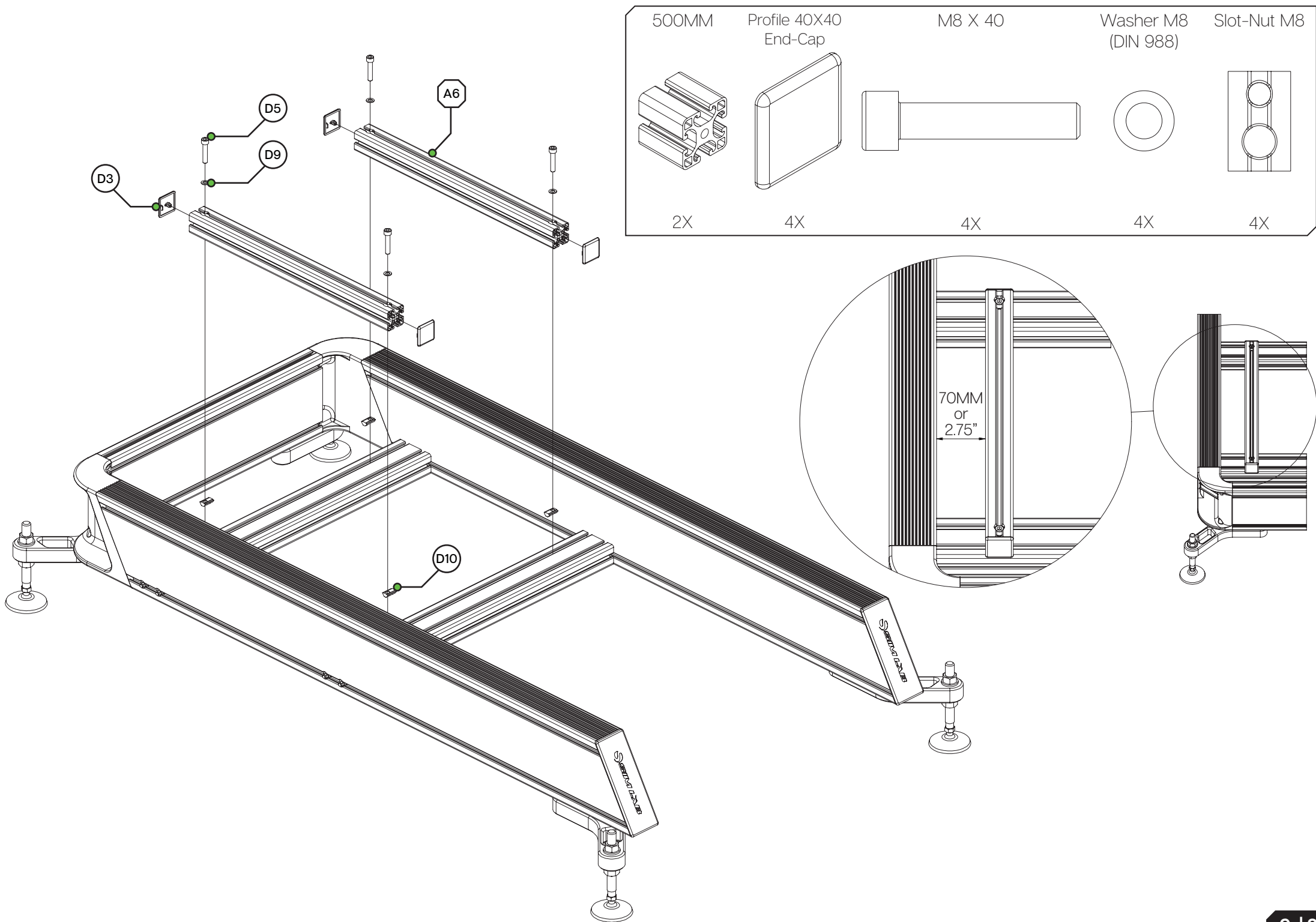
8X

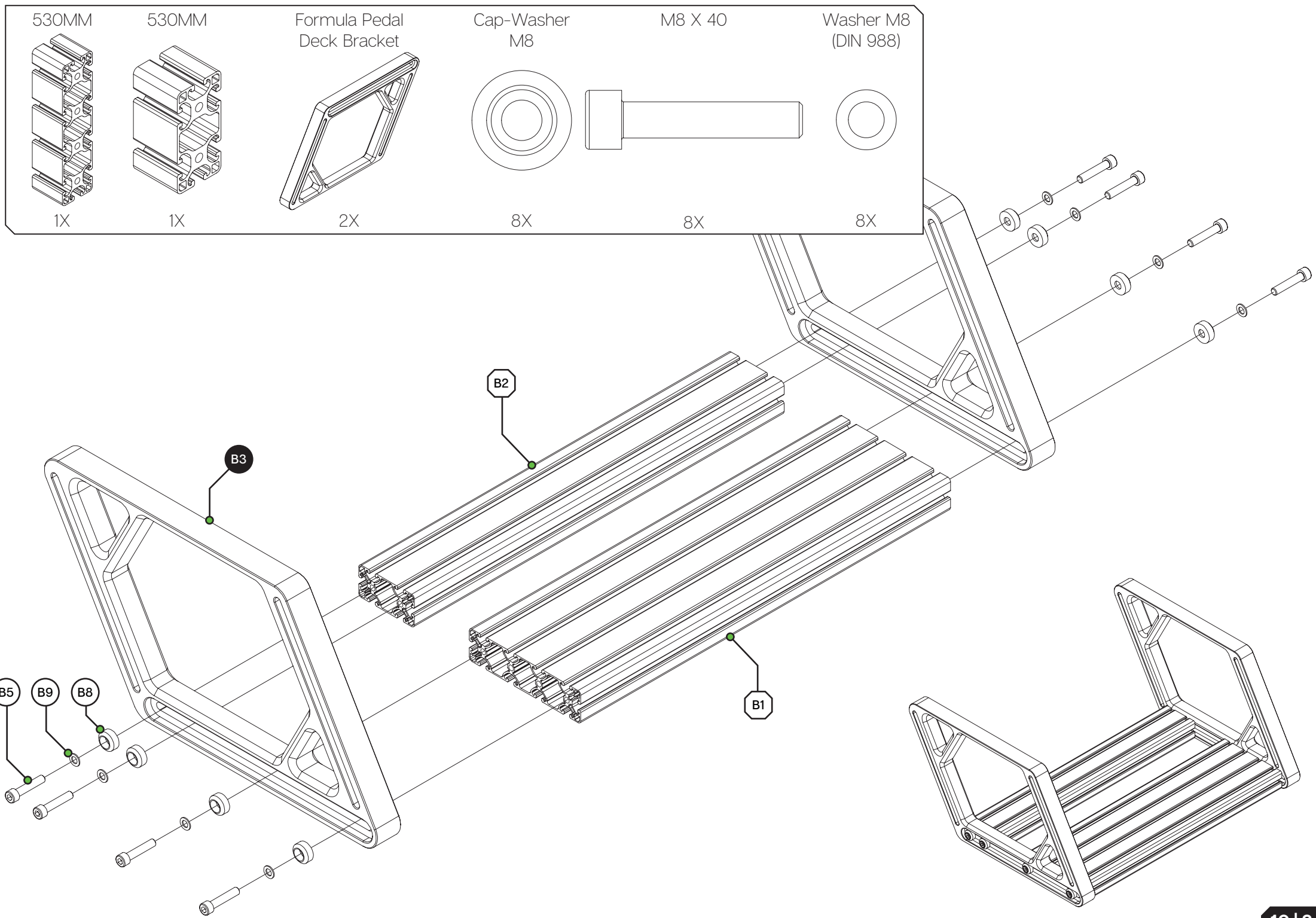
8X

B14

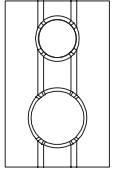
B17



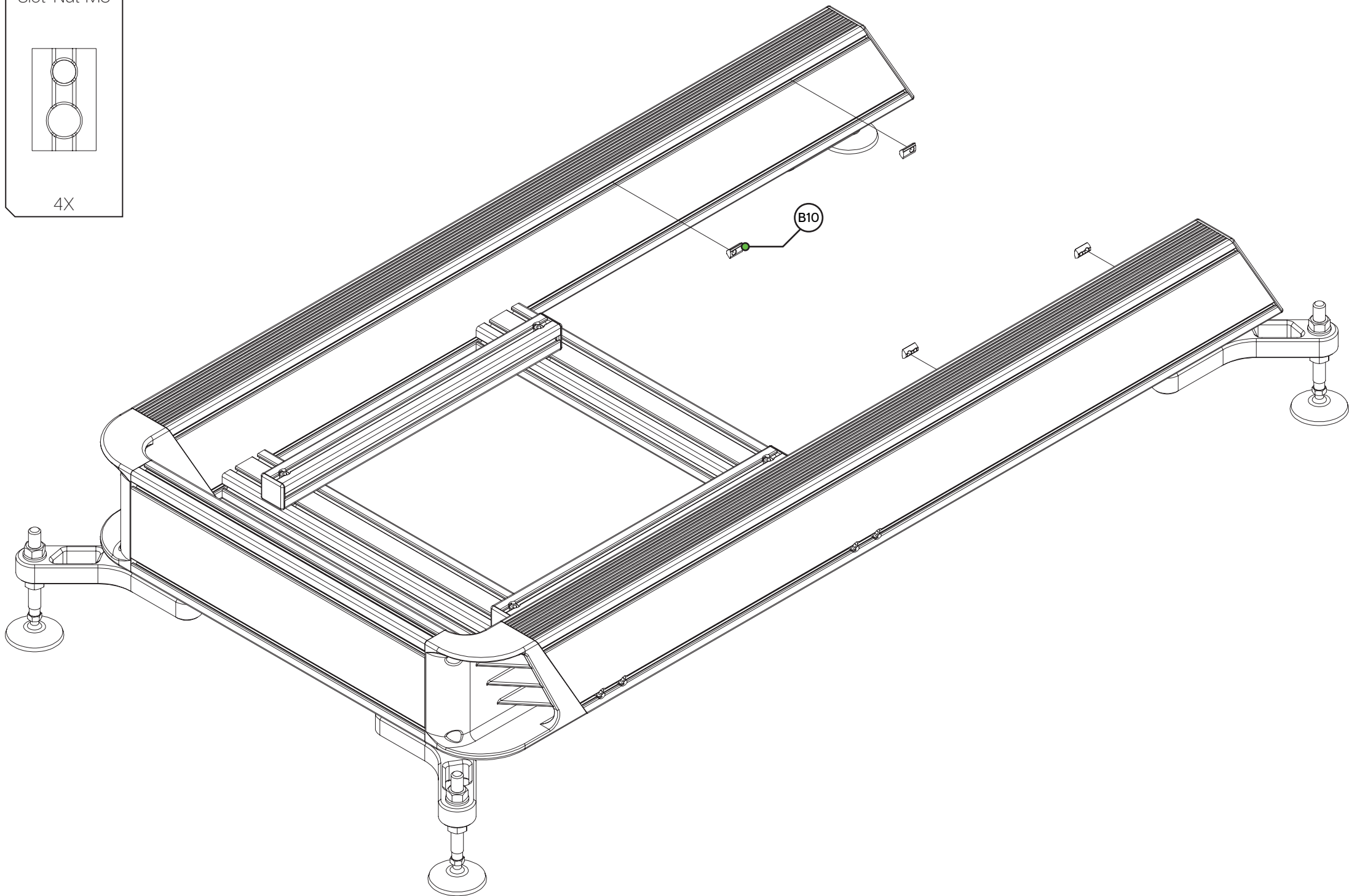




Slot-Nut M8



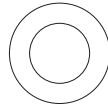
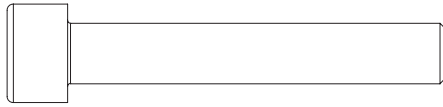
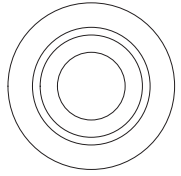
4X



Cap-Washer
M8

M8 X 50

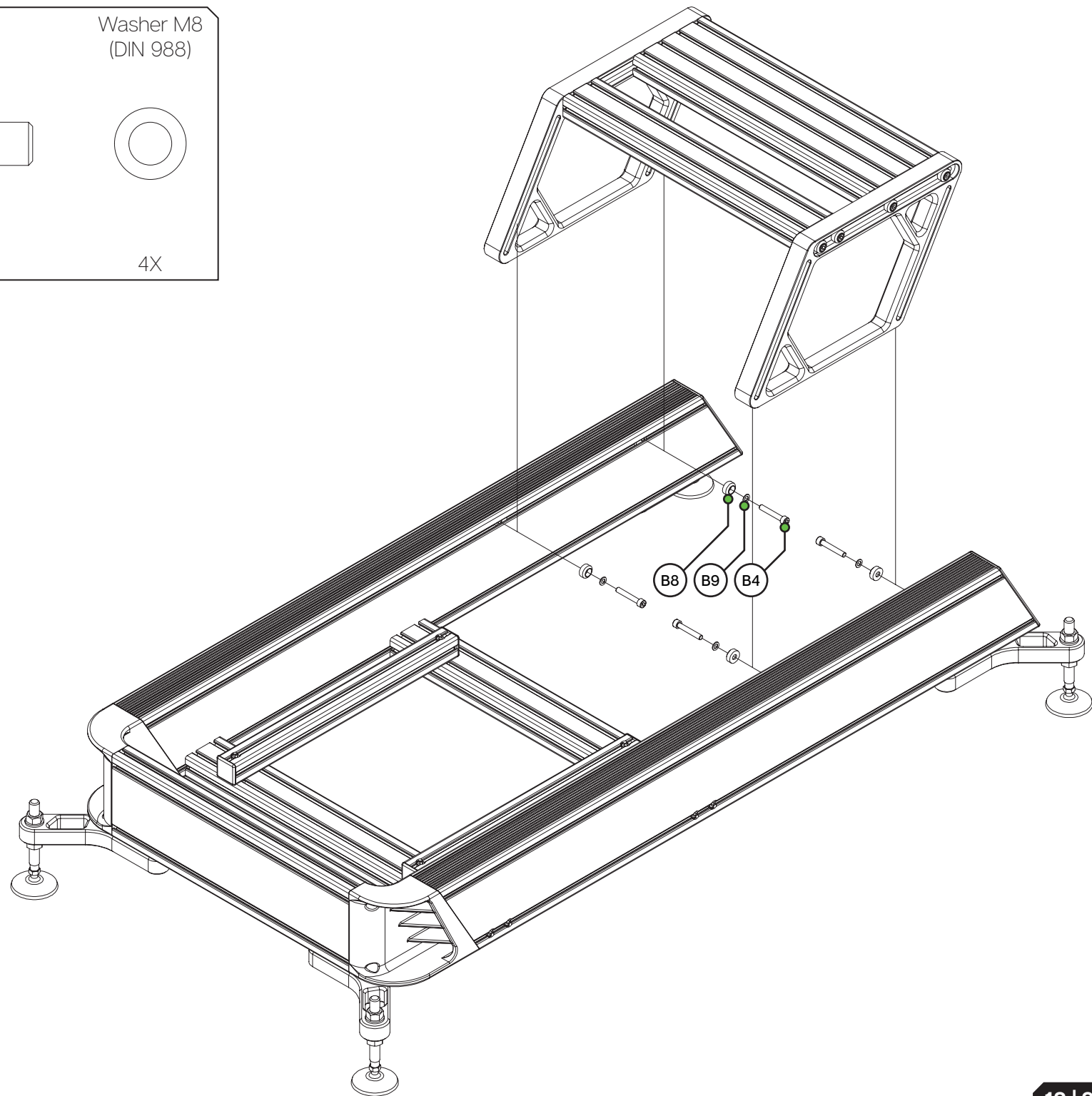
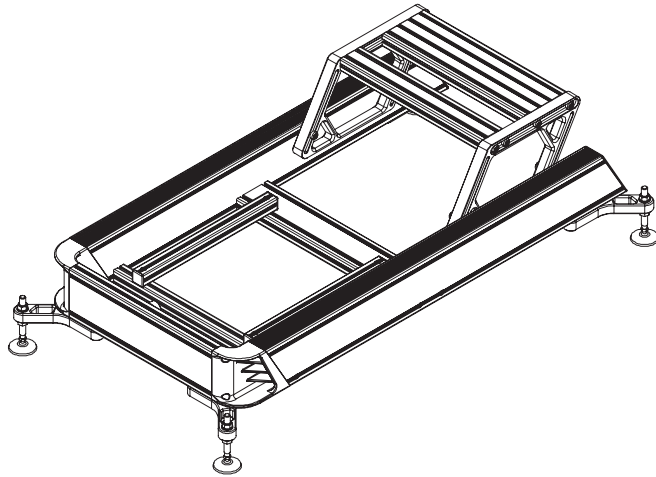
Washer M8
(DIN 988)



4X

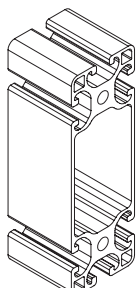
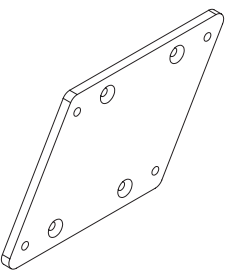
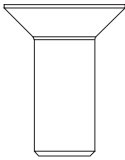
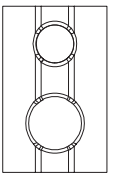
4X

4X

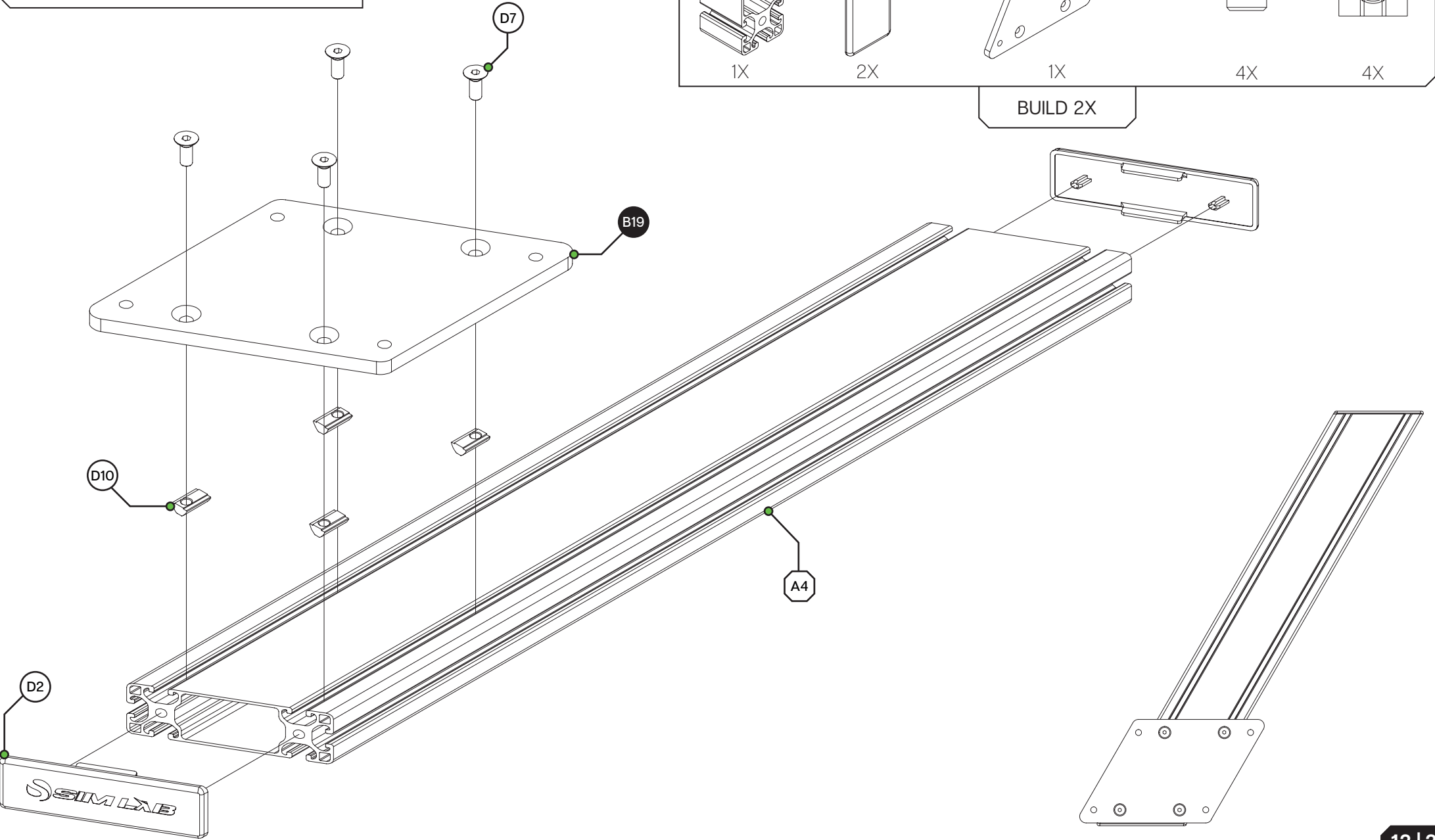


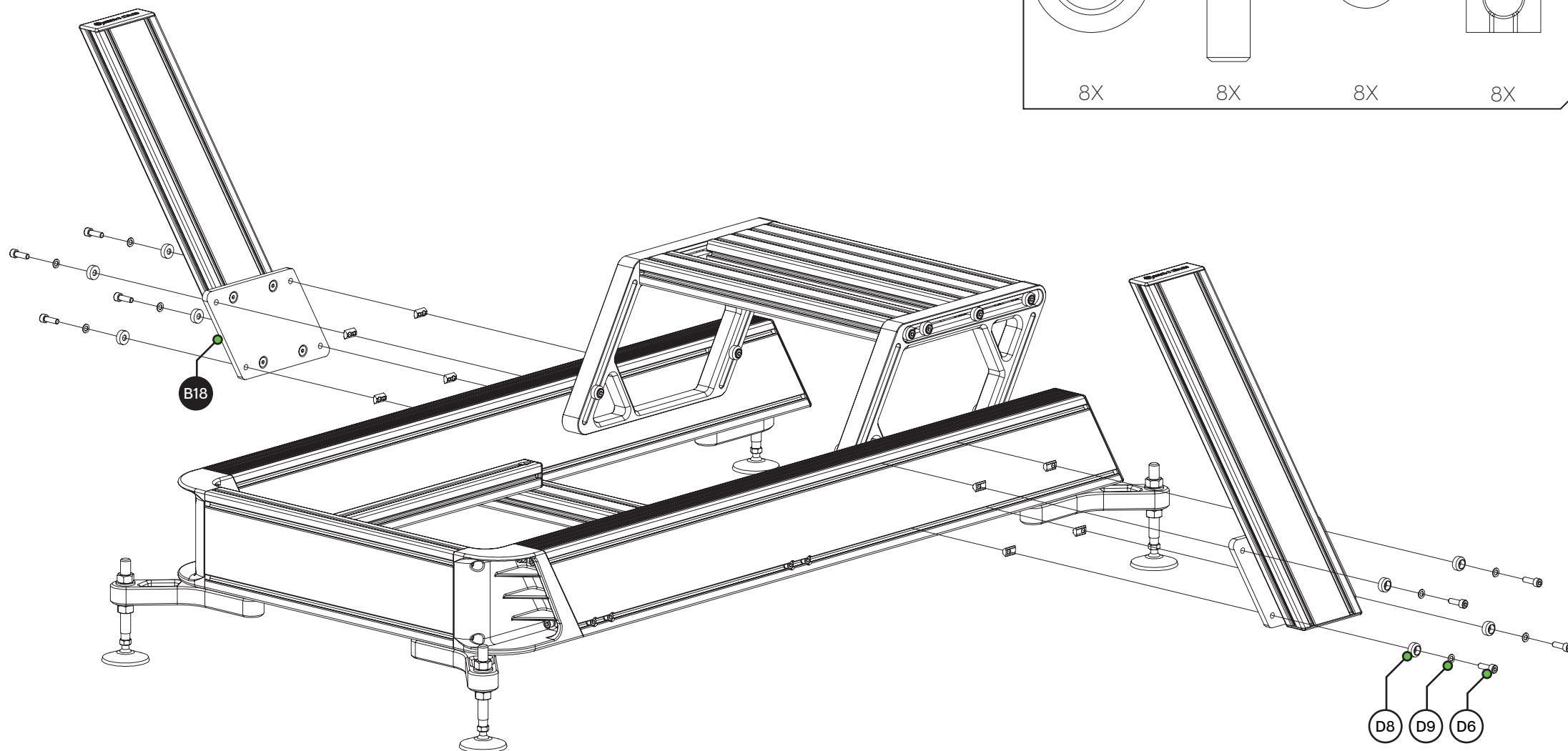
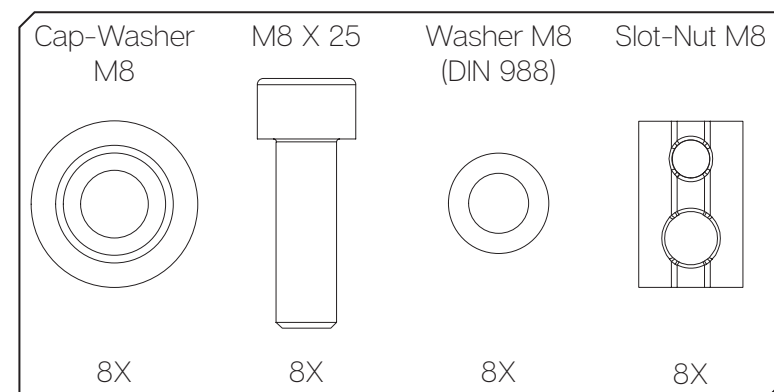
*Part B19 is angled, therefore only fits the RIGHT side of the cockpit.

For the LEFT side of the upright assembly, please see the next page.

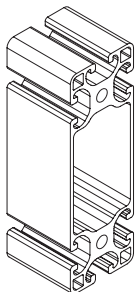
900MM  1X	Profile 120X40 End-Cap Angled  2X	*Upright Sandwich RIGHT  1X	M8 X 20  4X	Slot-Nut M8  4X
---	---	---	--	--

BUILD 2X



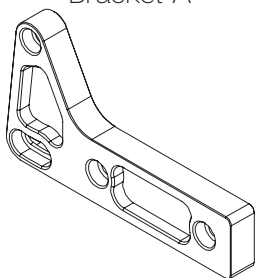


270MM



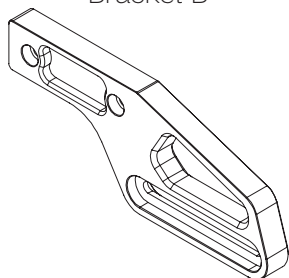
2X

Front Mount
Bracket A



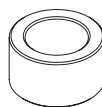
2X

Front Mount
Bracket B



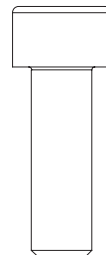
2X

Spacer
13,5MM



8X

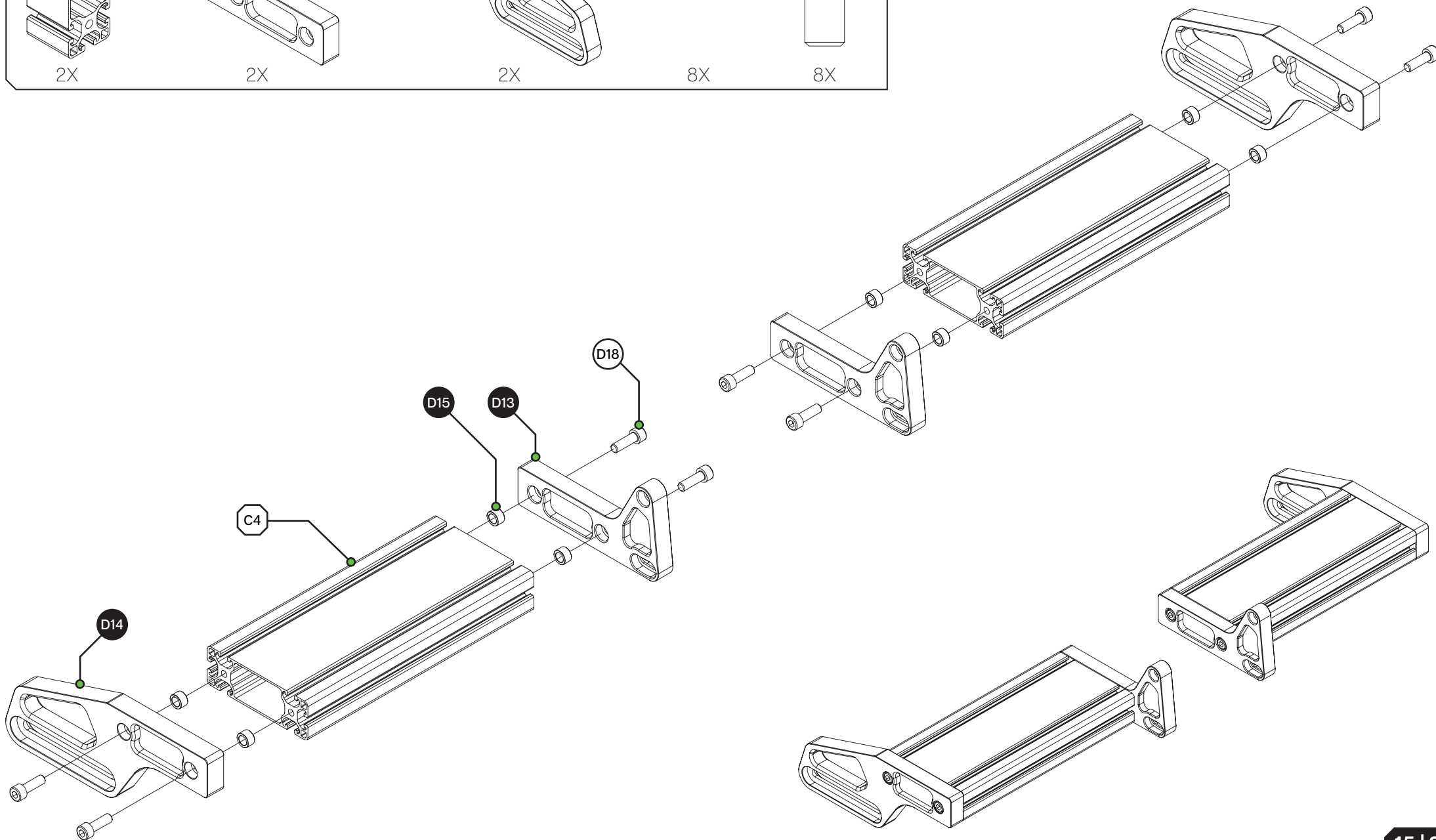
M8 X 25

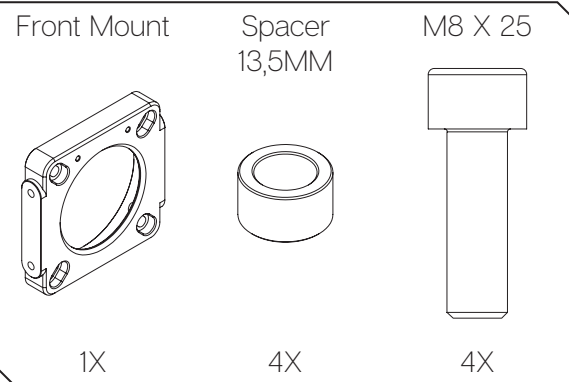


8X

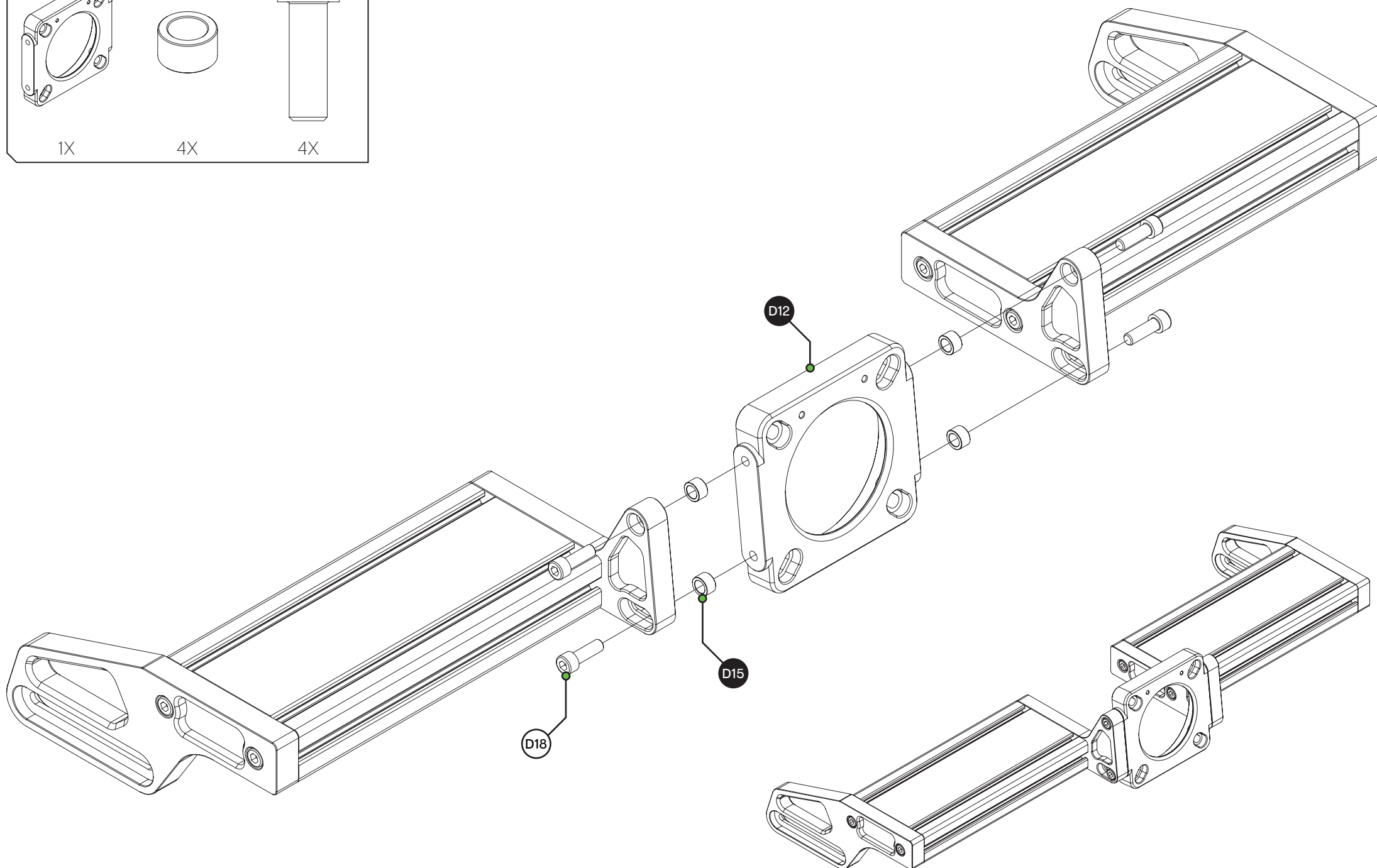
If you are using a Fanatec
wheel base, please see page 17.

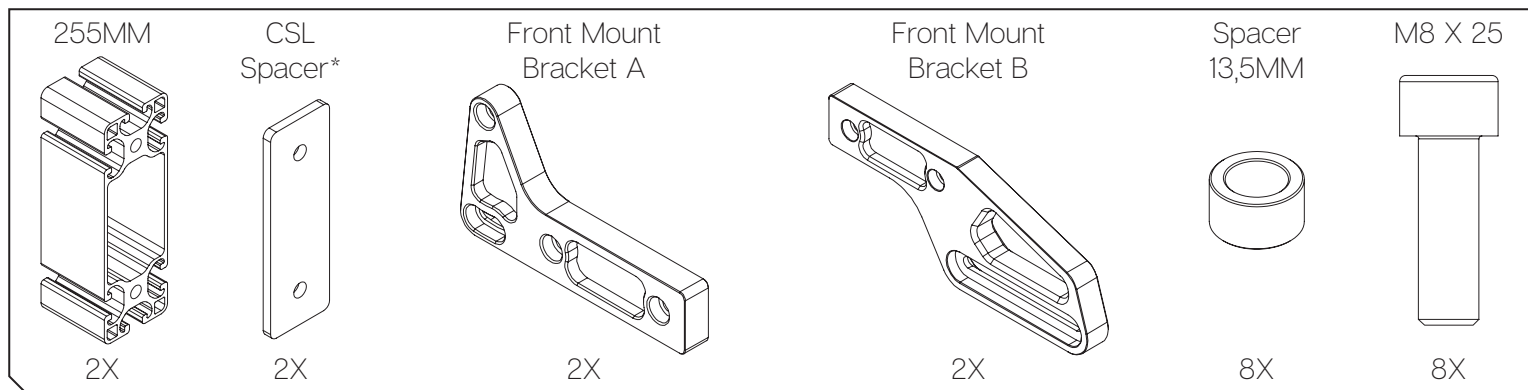
Normal assembly continues on the
next page.



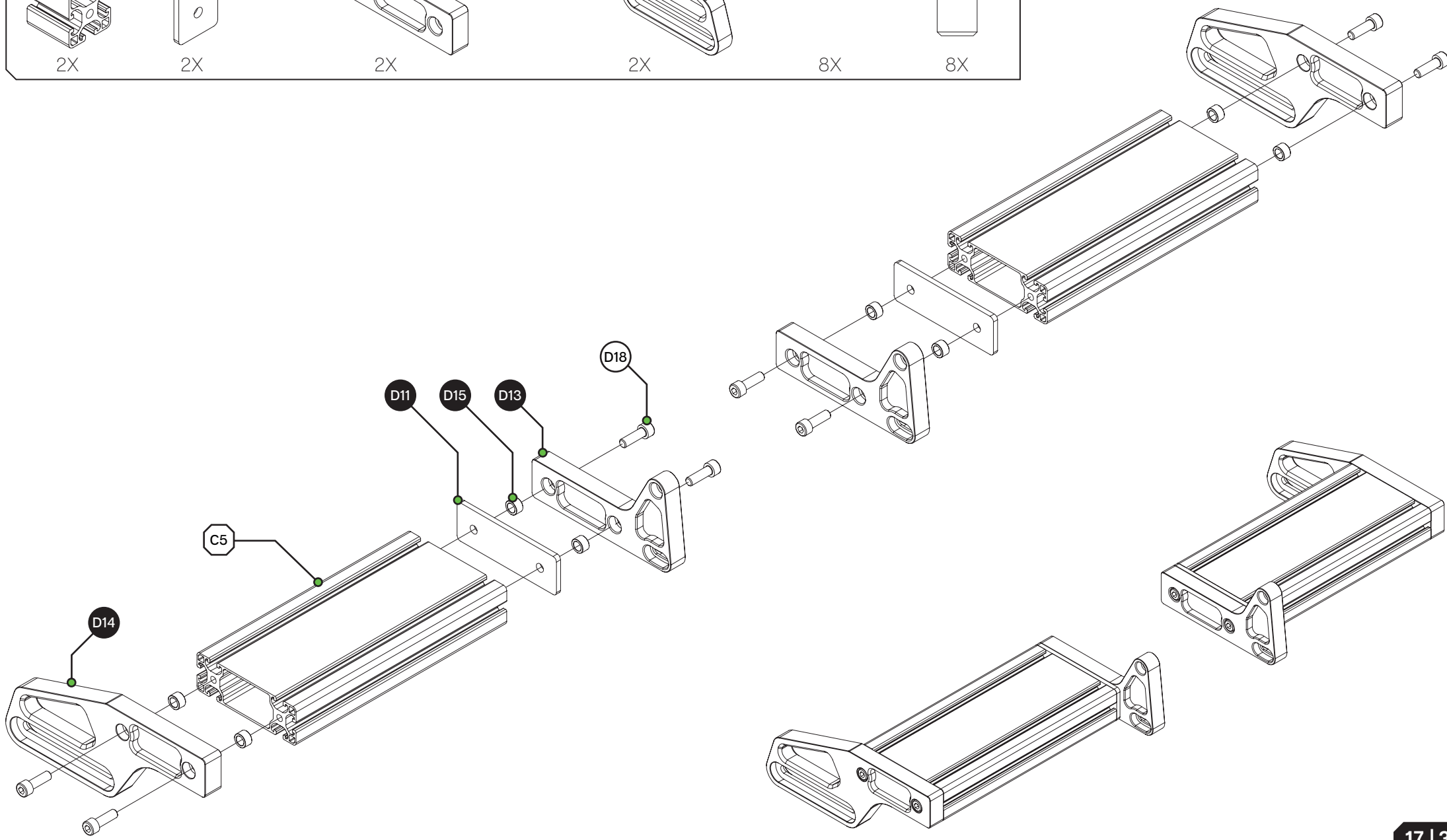


Continue on page 20.



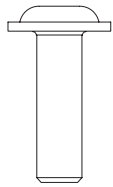
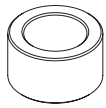


*Fanatec DD1/DD2 does NOT need the CSL Spacer.



Spacer
13,5MM

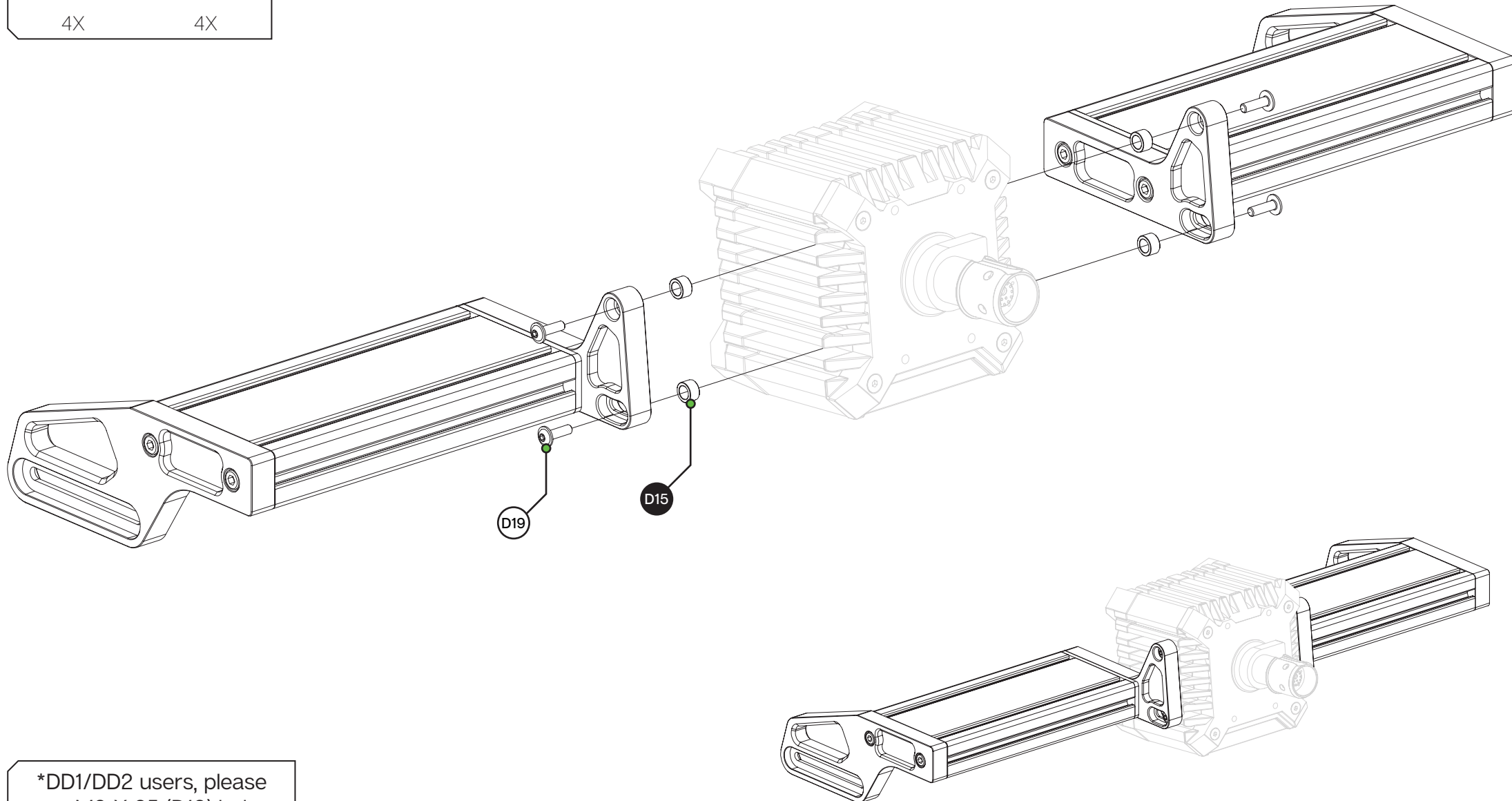
*M6 X 20



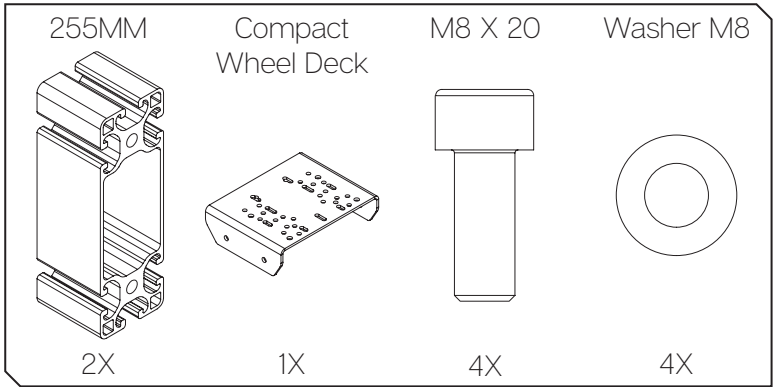
4X

4X

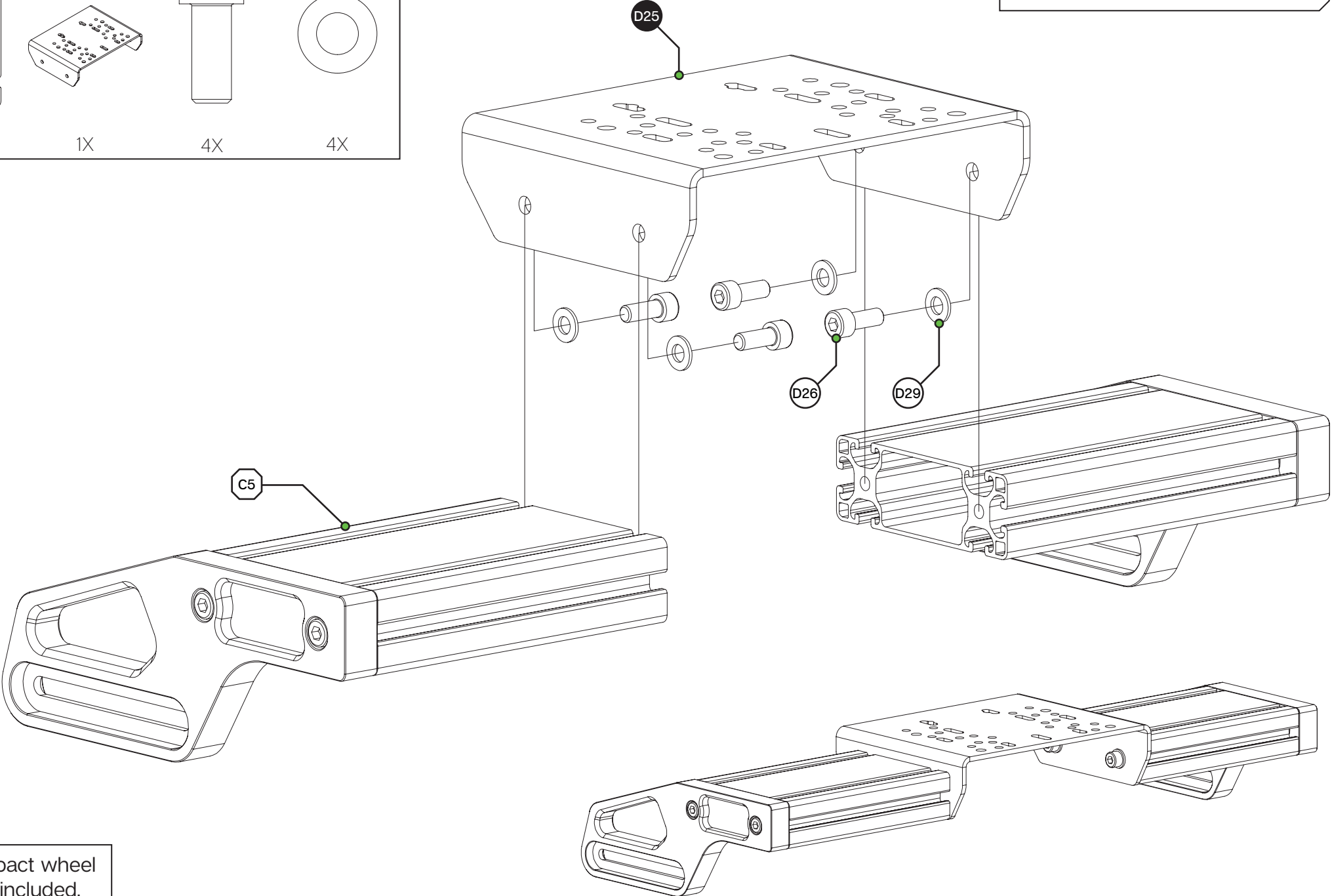
Continue on page 20.



*DD1/DD2 users, please
use M8 X 25 (D18) bolts.

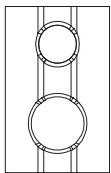


See page 17 on assembly for the left and right brackets/ profiles. No CSL spacers needed.

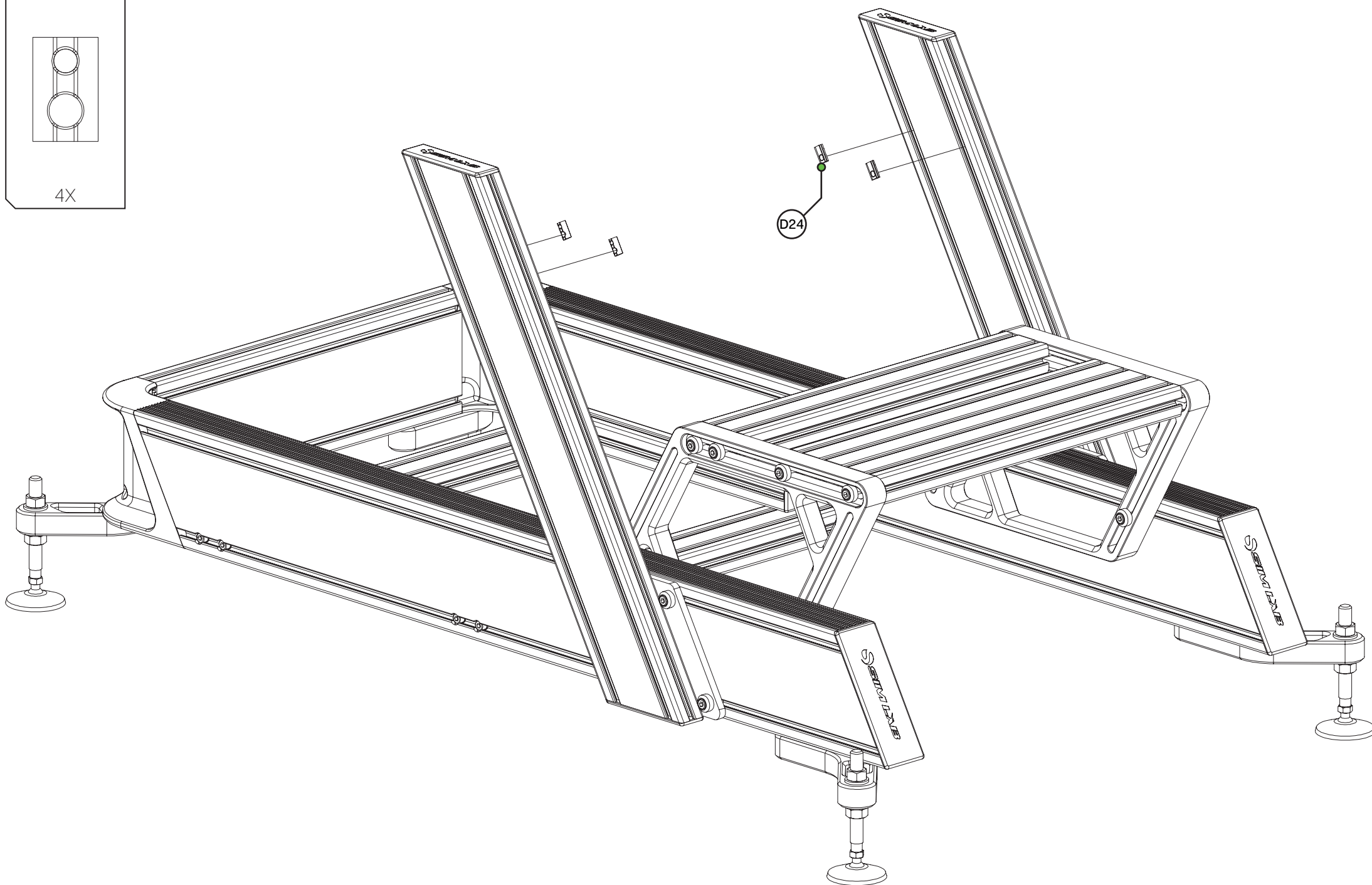


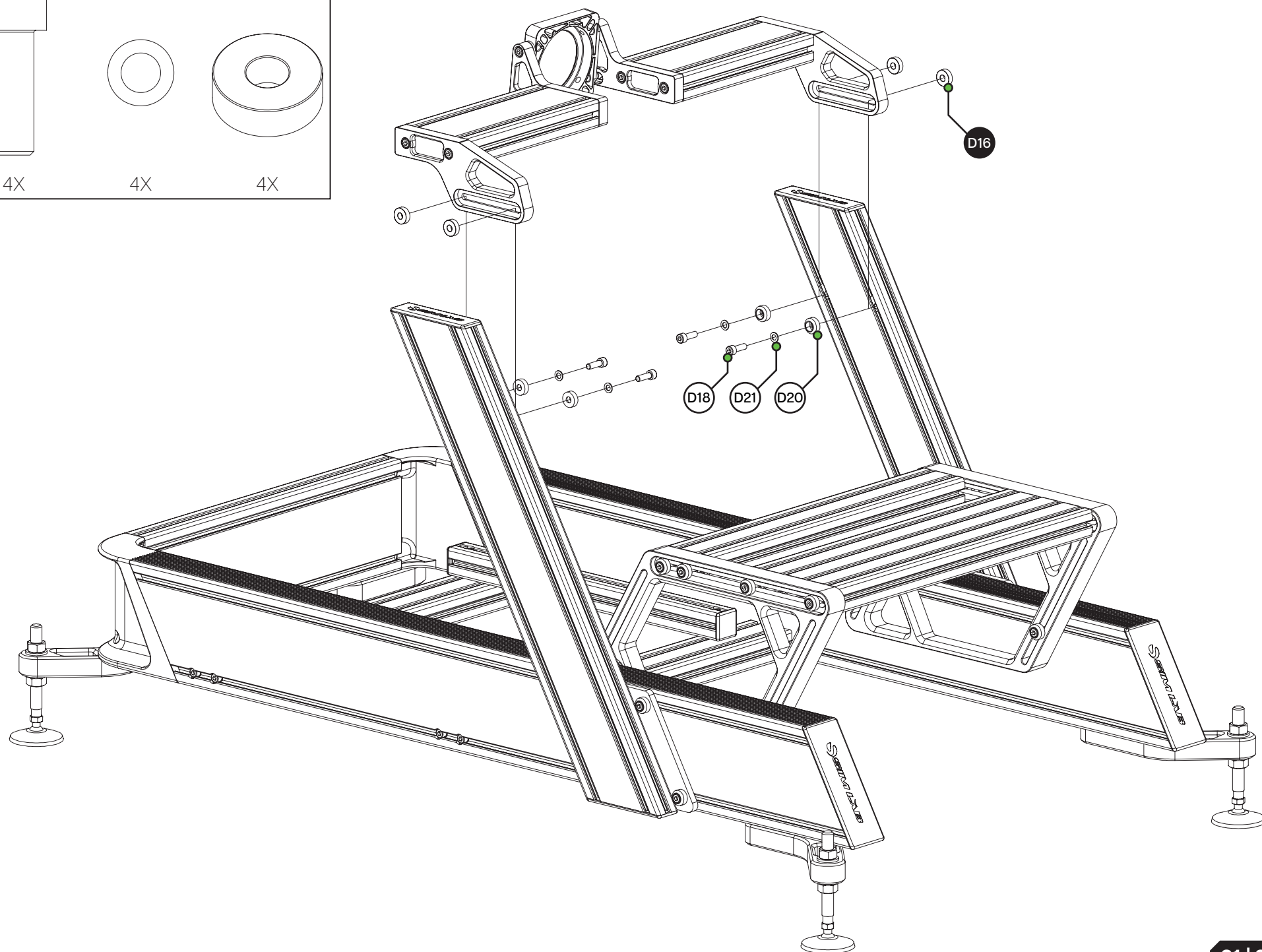
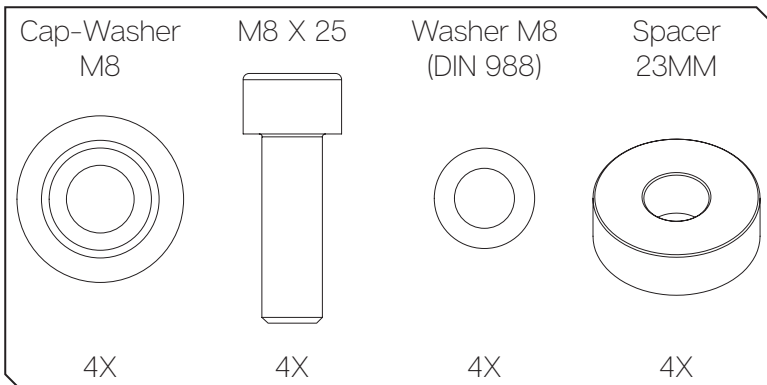
The compact wheel deck is included.

Slot-Nut M8

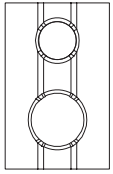


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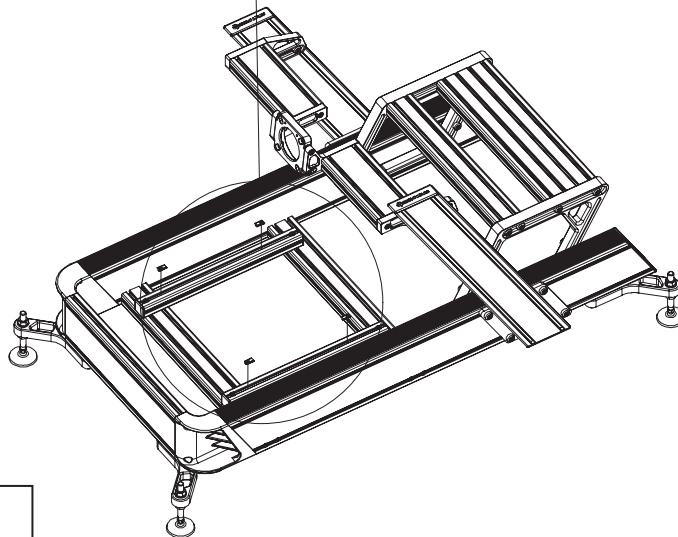
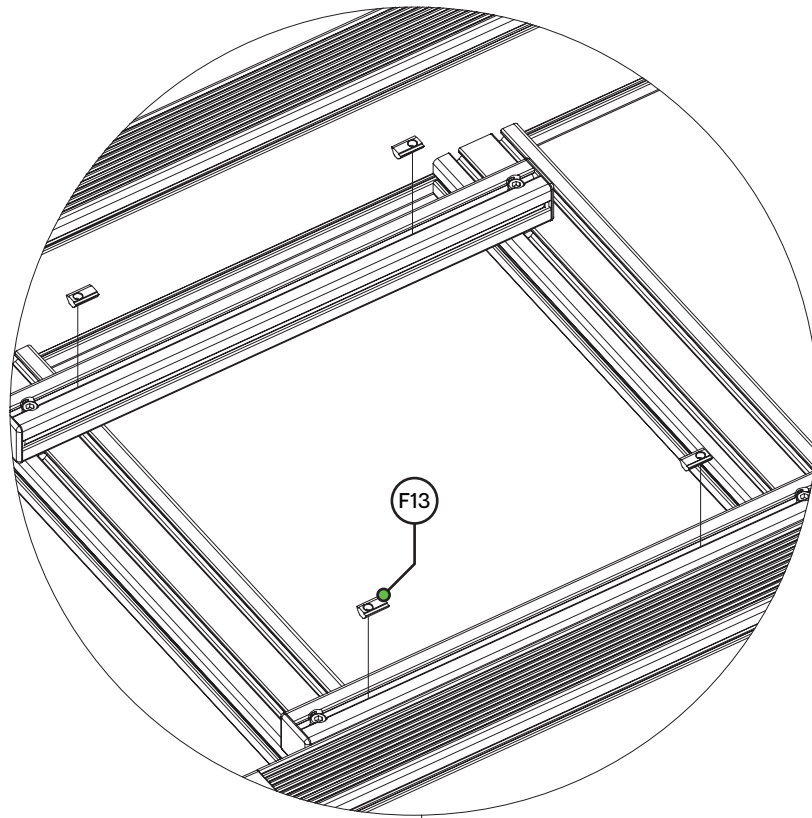




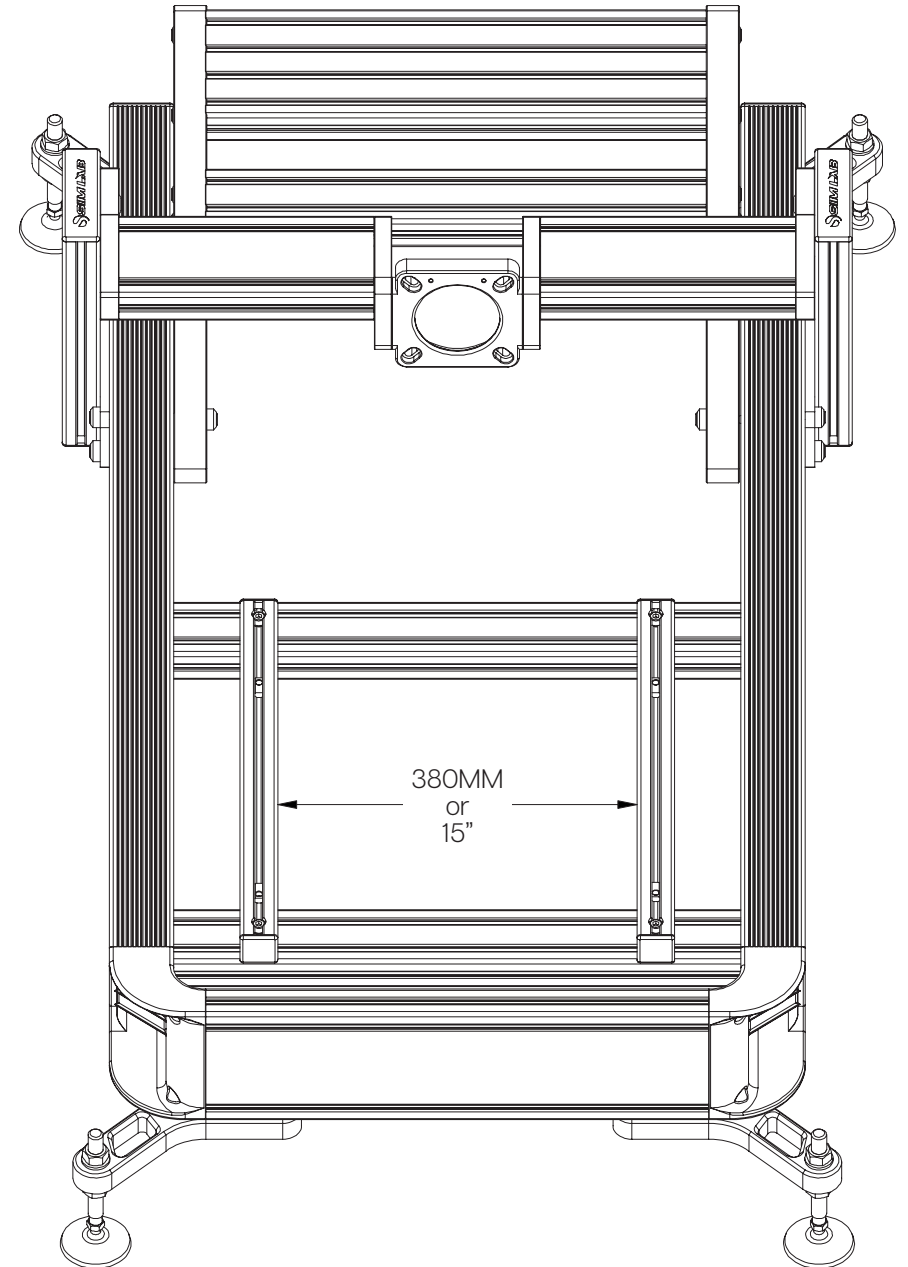
Slot-Nut M8

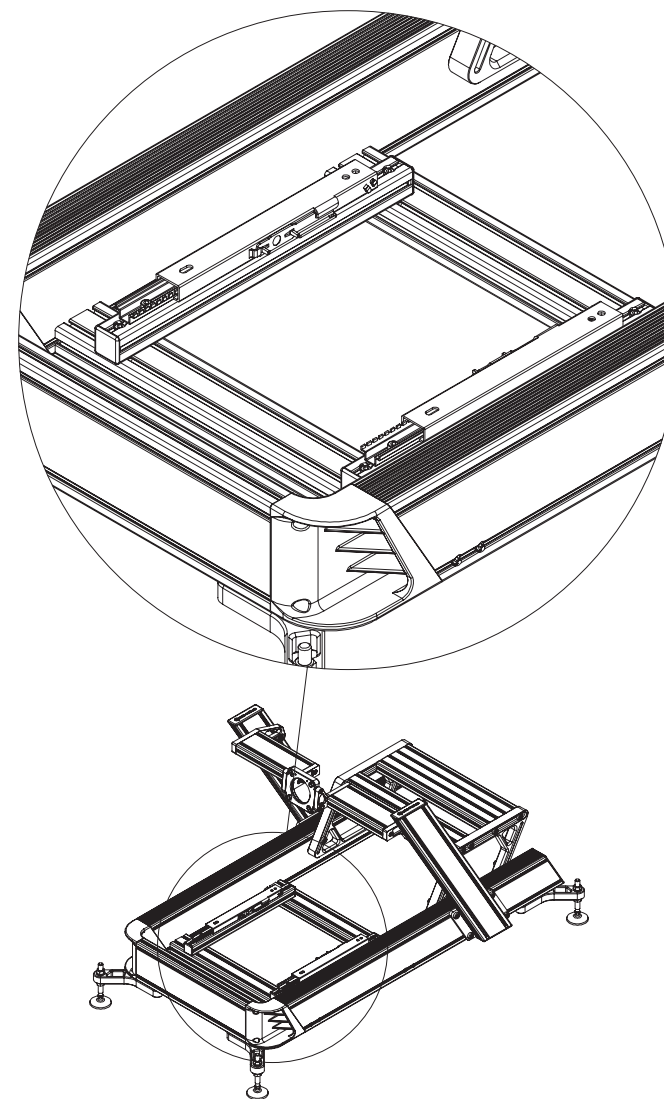
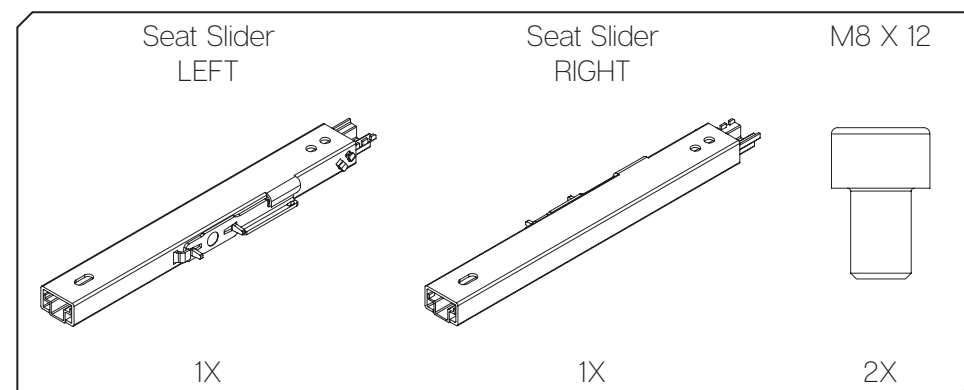
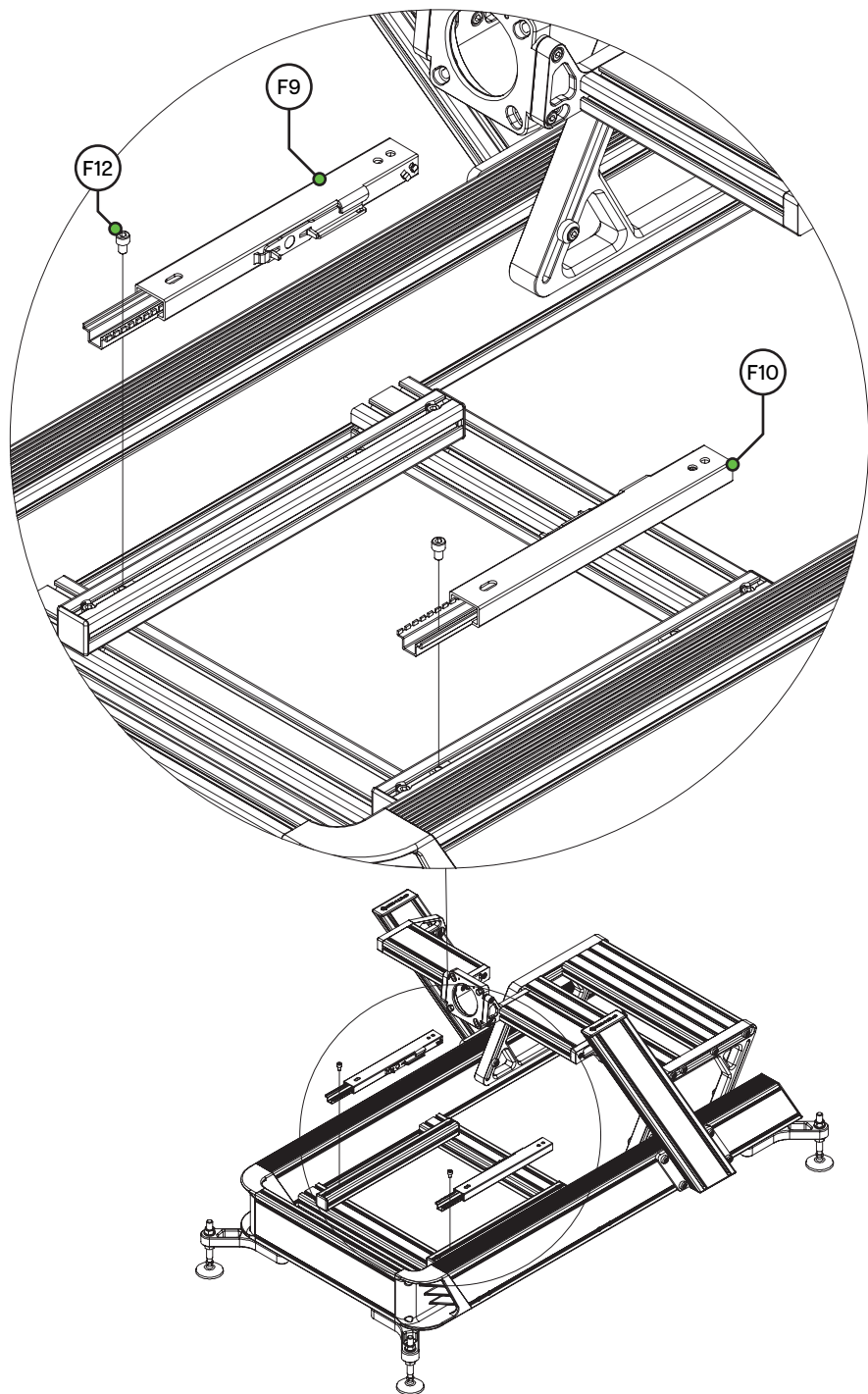


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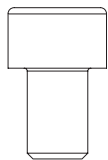


Optional purchases from
this page onwards.

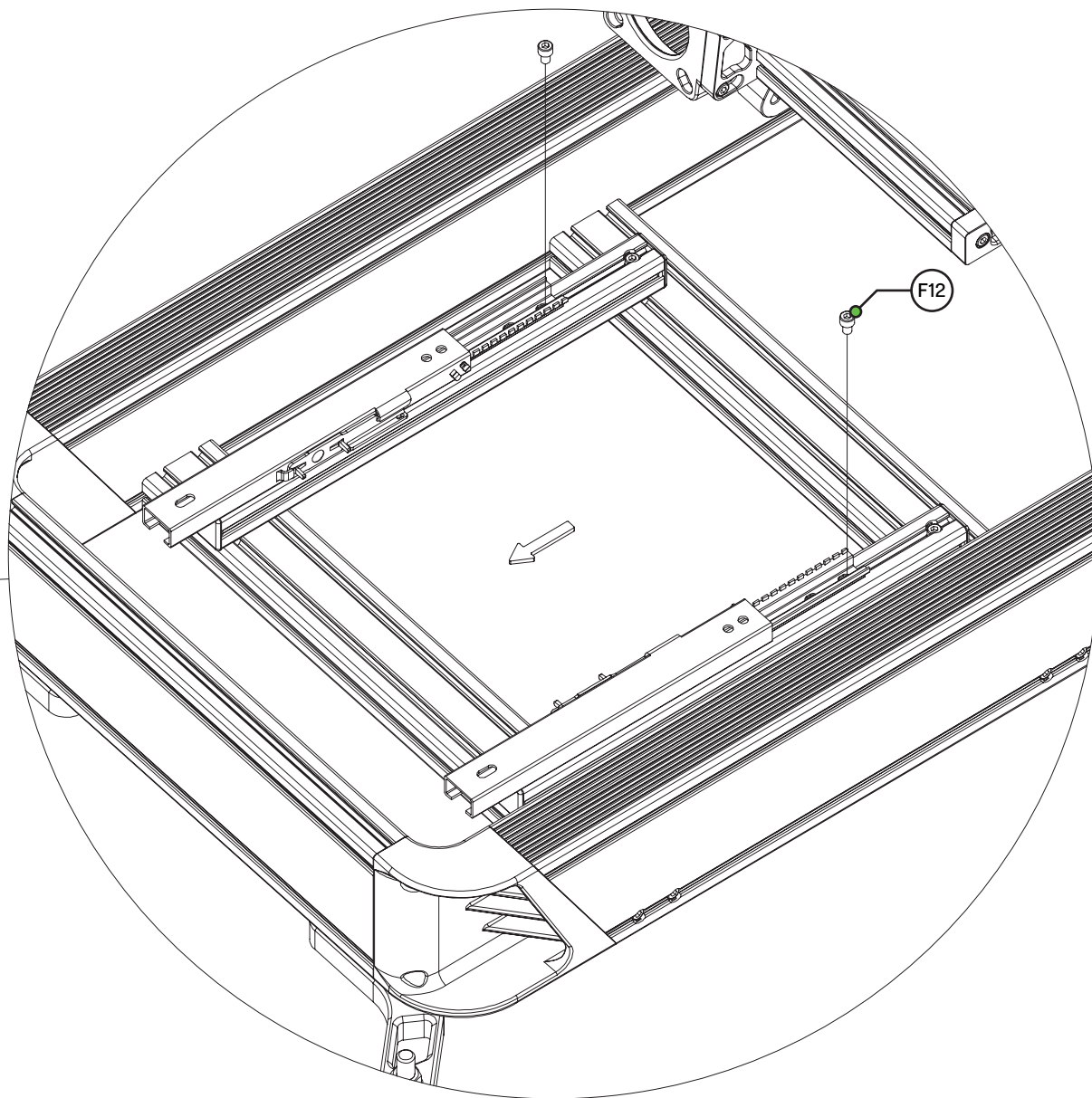
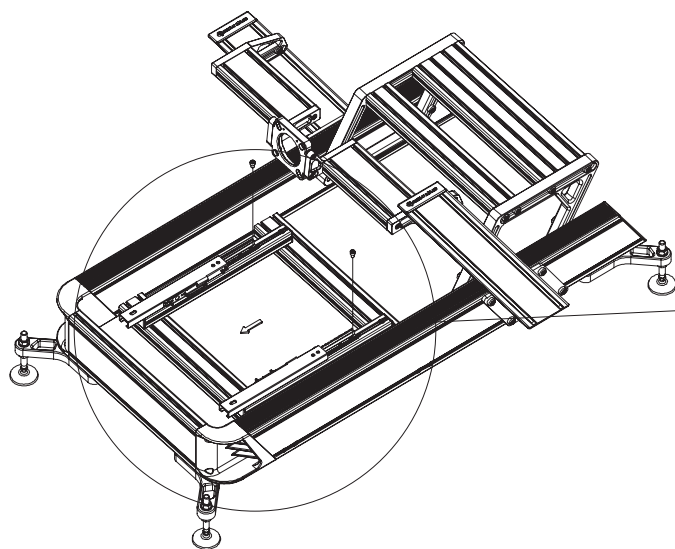


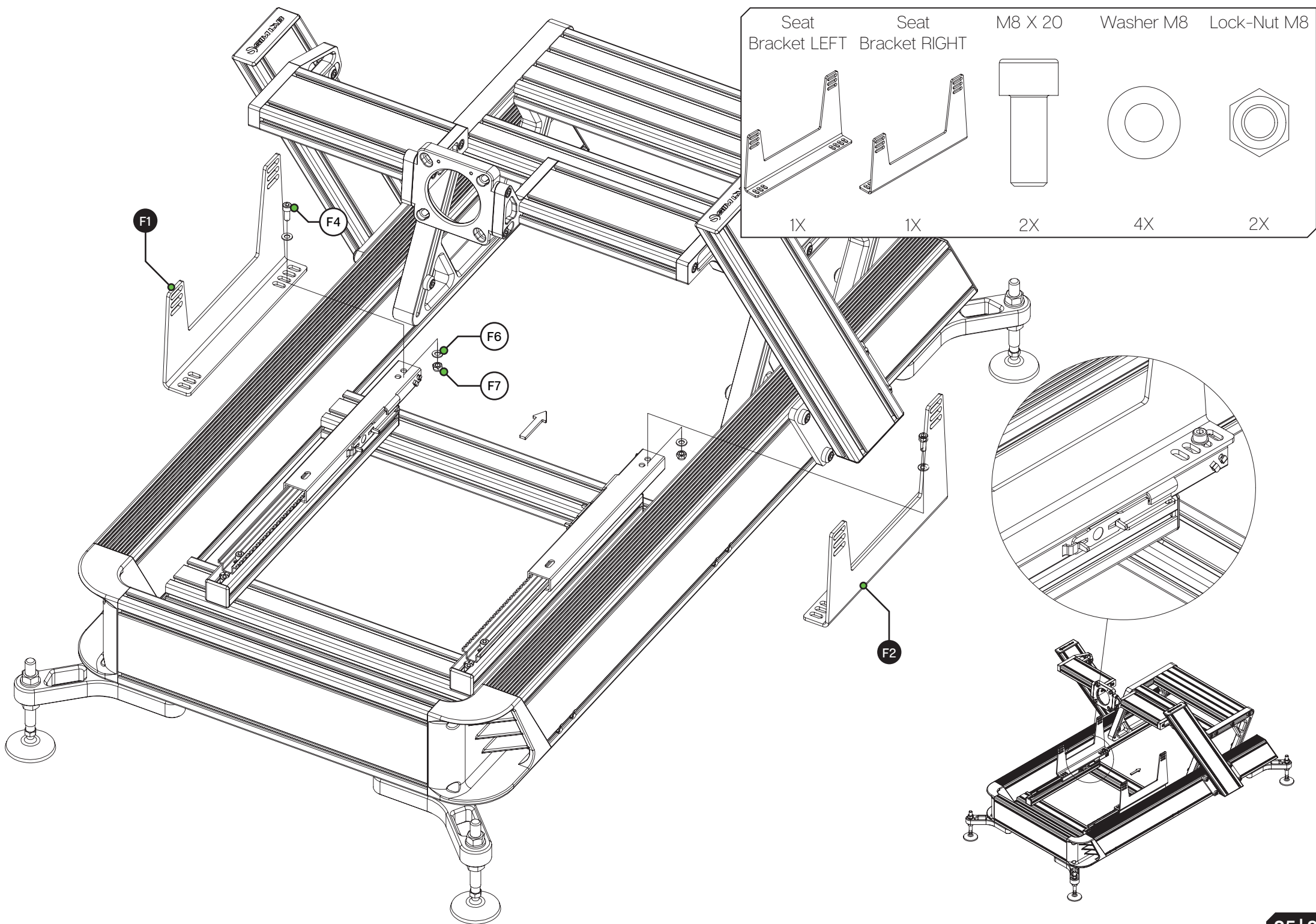


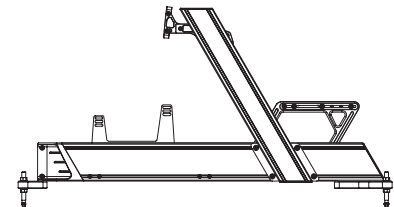
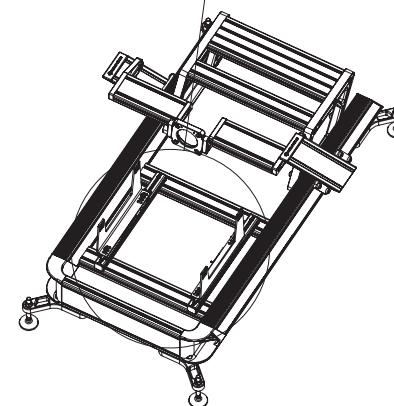
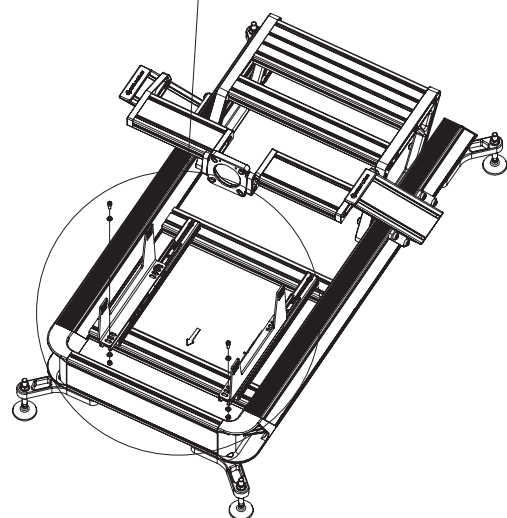
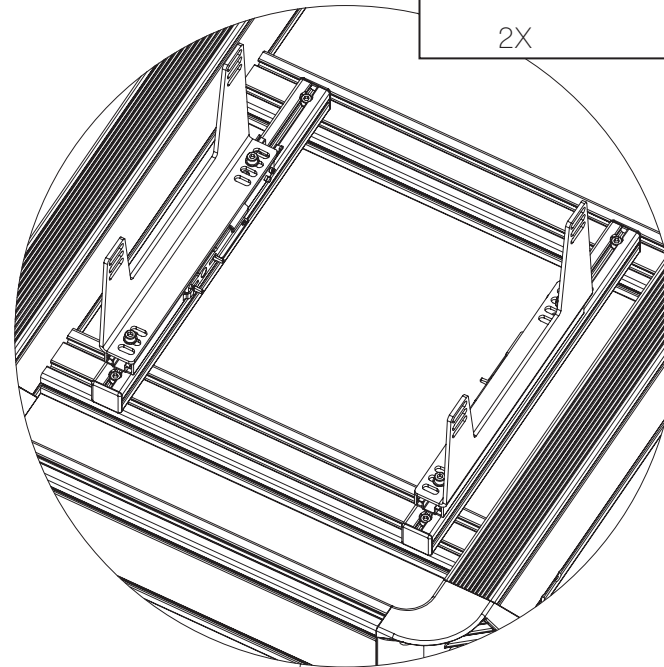
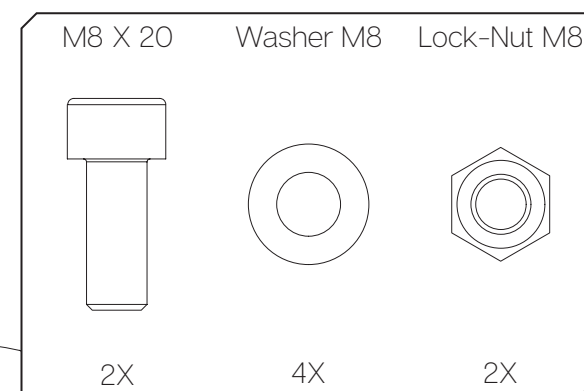
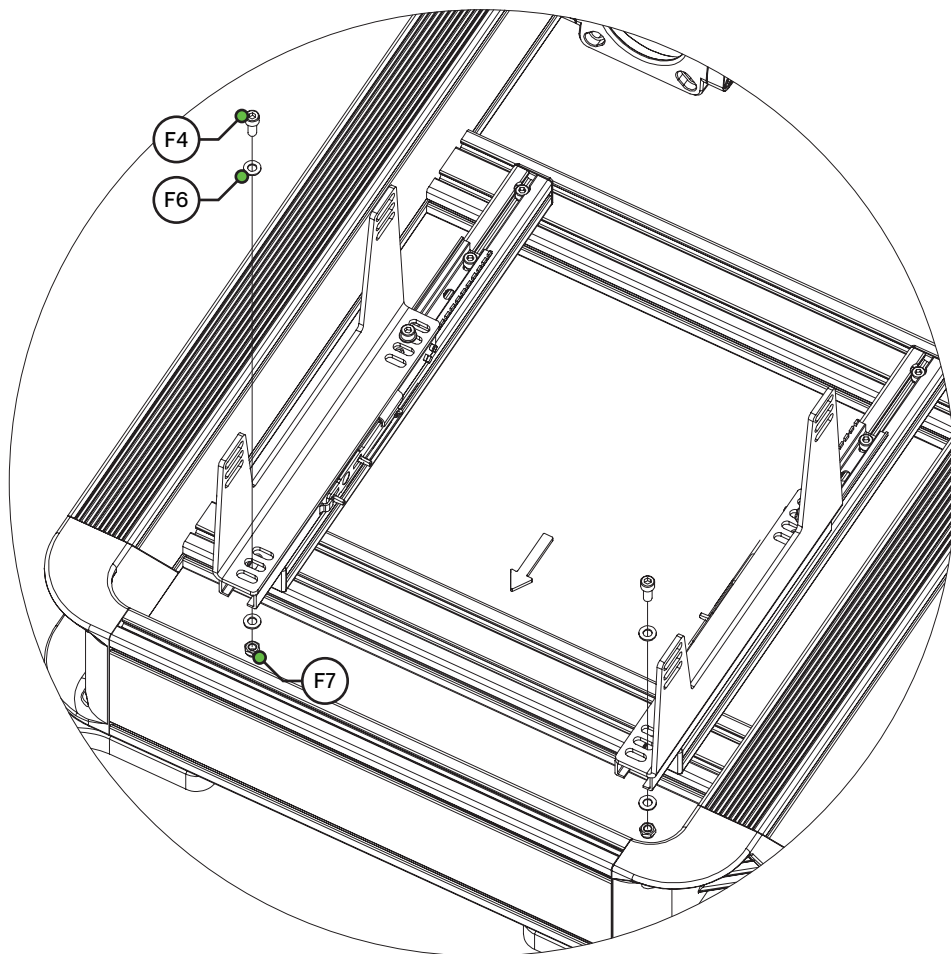
M8 X 12



2X

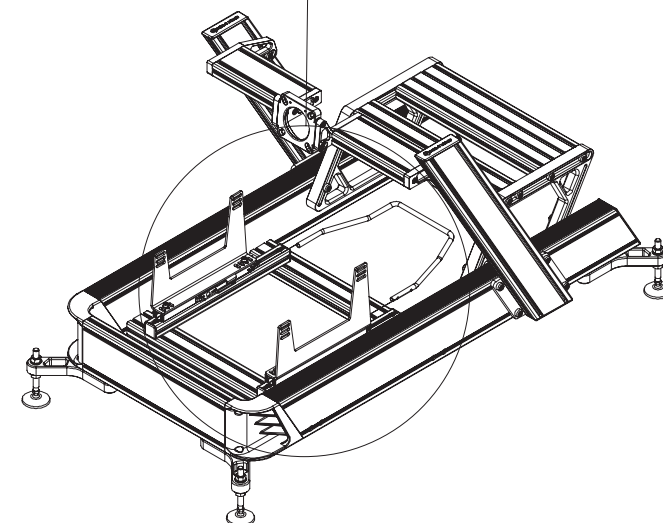
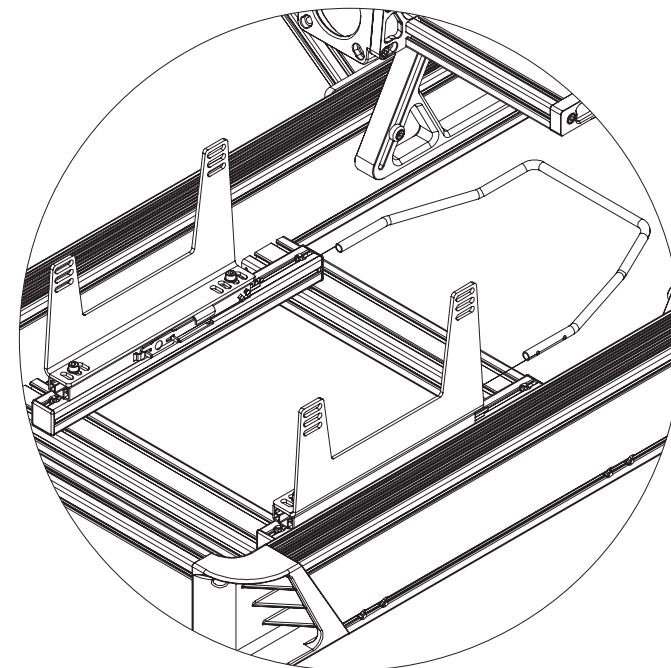
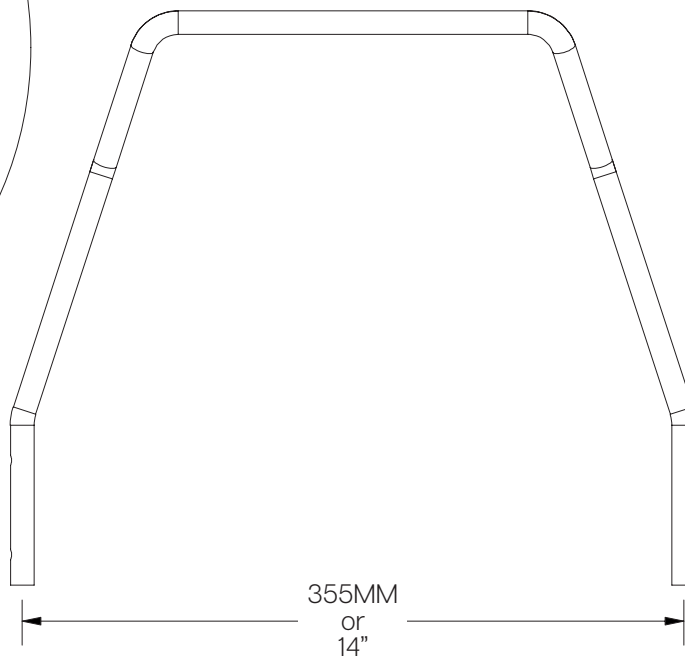
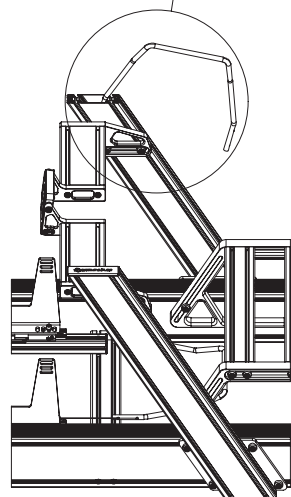
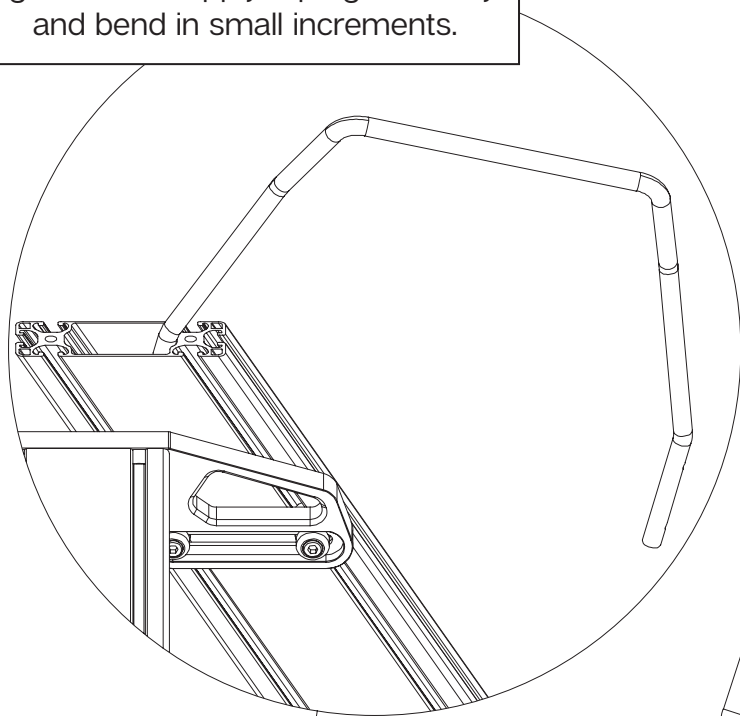


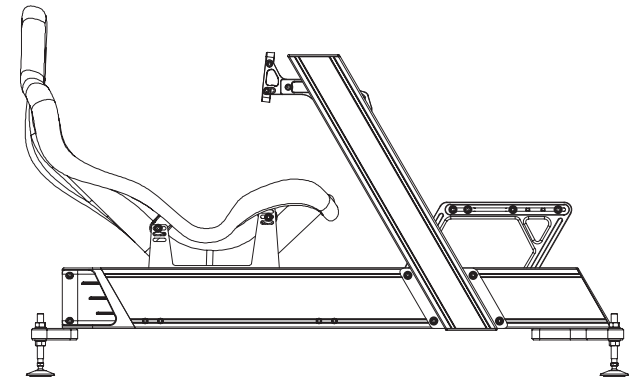
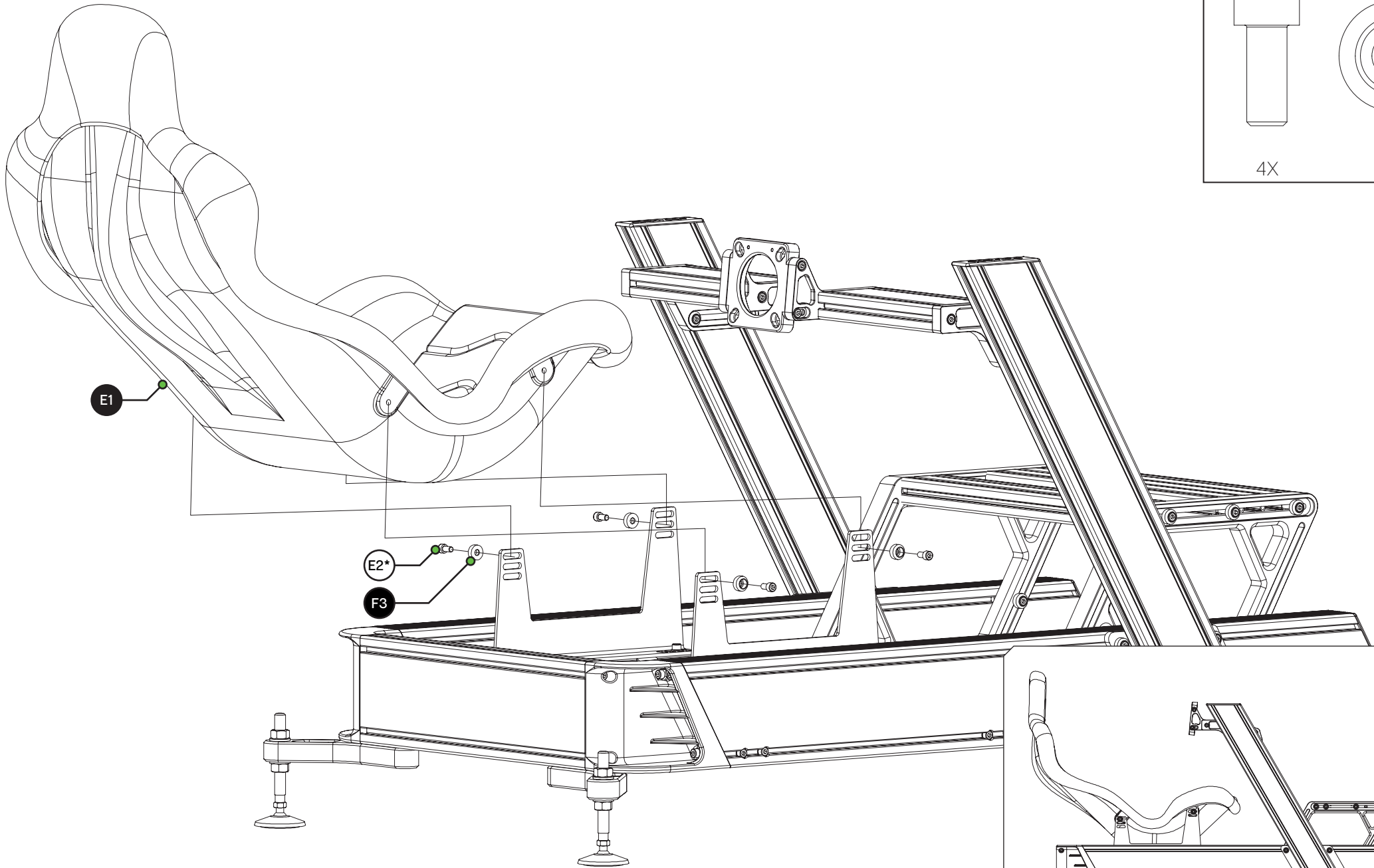
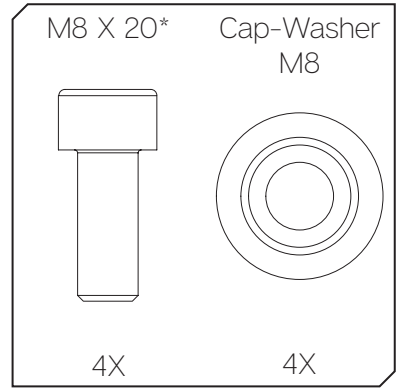




Use the open top of the uprights, to bend the short sections straight again. Please apply tape generously and bend in small increments.

For more info, please see our online video by using the QR code or click [here](#).





*Bolts supplied with seat.

BOX 1/3 – Mercedes-AMG PETRONAS Formula One Team Sim Racing Cockpit – PROF 92 PROFILE KIT			
#	Part	QTY	Note
A1	160X68 Length=1350mm – LEFT	1	Machined, engraved.
A2	160X68 Length=1350mm – RIGHT	1	Machined, engraved.
A3	160X40 Length=532mm	1	Rear.
A4	120X40 Length=900mm	2	Uprights, angled.
A5	80X40 Length=600mm	2	Threaded ends.
A6	40X40 Length=500mm	2	Machined.

BOX 2/3 – Mercedes-AMG PETRONAS Formula One Team Sim Racing Cockpit – Pack 92B PROFILE KIT – FORMULA PEDAL DECK PROF 94			
#	Part	QTY	Note
B1	160X40 Length=530mm	1	
B2	80X40 Length=530mm	1	
HARDWARE KIT HW 94			
B3	Formula pedal deck bracket	2	
B4	Bolt M8 X 50 DIN 912	6	
B5	Bolt M8 X 40 DIN 912	8	
B6	Bolt M6 X 16 DIN 912	12	Extra.
B7	Bolt M5 X 16 DIN 912	12	Extra.
B8	Cap-Washer M8	14	
B9	Washer M8 DIN 988	14	Small.
B10	Slot-Nut M8	6	
B11	Slot-Nut M6	12	Extra.
B12	Slot-Nut M5	12	Extra.

BOX 2/3 – Mercedes-AMG PETRONAS Formula One Team Sim Racing Cockpit – Pack 92B FORMULA FEET A			
#	Part	QTY	Note
B13	Foot	4	Threaded ball-joint rod fitted.
HARDWARE KIT HW 95			
B14	Bolt M8 X 30 DIN 912	8	
B15	Washer M16 DIN 125-A	8	Pre-installed.
B16	Nut M16	8	Pre-installed.
B17	Slot-Nut M8	8	
SANDWICH PLATES POS 92			
B18	Formula sandwich plate LEFT	1	
B19	Formula sandwich plate RIGHT	1	

BOX 3/3 – Mercedes-AMG PETRONAS Formula One Team Sim Racing Cockpit – Pack 92C FORMULA FEET B			
#	Part	QTY	Note
C1	Formula foot bracket	4	
FORMULA CORNER BRACKETS			
C2	Formula corner bracket LEFT	1	
C3	Formula corner bracket RIGHT	1	
PROFILE KIT – FORMULA FRONT MOUNT PROF 93			
C4	120X40 Length=270mm	2	
PROFILE KIT – FORMULA PODIUM PROFILES PROF 95			
C5	120X40 Length=255mm	2	Fanatec support.
Disclaimer: for some entries on this page, we may supply more than required as spare materials. Don't worry if you have some leftovers, this is intentional.			

BOX 3/3 - Mercedes-AMG PETRONAS Formula One Team
Sim Racing Cockpit - Pack 92D
HARDWARE KIT - FORMULA HARDWARE | HW 92

#	Part	QTY	Note
D1	Profile 160x68 end-cap angled	2	
D2	Profile 120x40 end-cap angled	4	
D3	Profile 40x40 end-cap	4	
D4	Bolt M8 X 70 DIN 912	8	
D5	Bolt M8 X 40 DIN 912	4	
D6	Bolt M8 X 25 DIN 912	20	
D7	Bolt M8 X 20 DIN 7991	8	Countersunk.
D8	Cap-Washer M8	8	
D9	Washer M8 DIN 988	20	
D10	Slot-Nut M8	20	

FORMULA JOINT ADAPTER + CSL SPACER SET

D11	CSL spacer	2	Only for Fanatec CSL/GT DD.
D12	Formula joint adapter	1	Replaces original keyboard joint adapter.

BOX 3/3 - Mercedes-AMG PETRONAS Formula One Team
Sim Racing Cockpit - Pack 92D
HARDWARE KIT - FORMULA FRONT MOUNT | HW 93

#	Part	QTY	Note
D12	Front mount	1	
D13	Front mount bracket A	2	
D14	Front mount bracket B	2	
D15	Front mount spacer 13,5mm	12	
D16	Front mount spacer 23mm	4	
D17	Bolt M8 X 40 DIN 912	4	Extra.
D18	Bolt M8 X 25 DIN 912	16	Also used to mount DD1/DD2.
D19	Bolt M6 X 20 DIN 7380-2	4	
D20	Cap-Washer M8	4	
D21	Washer M8 DIN 988	4	Small.
D22	Washer M8 DIN 125-A	4	Extra.
D23	Lock-Nut M8	4	Extra.
D24	Slot-Nut M8	4	

BOX 3/3 - Mercedes-AMG PETRONAS Formula One Team
Sim Racing Cockpit - Pack 92C
HARDWARE KIT - COMPACT WHEEL DECK | HW 40

#	Part	QTY	Note
D25	Compact wheel deck	1	
D26	Bolt M8 X 20 DIN 912	4	
D27	Bolt M8 X 16 DIN 912	4	Extra.
D28	Bolt M6 X 16 DIN 912	4	Extra.
D29	Washer M8 DIN 125-A	8	
D30	Washer M6 DIN 125-A	4	Extra.

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BOX 4 - Mercedes-AMG PETRONAS Formula One Team
Sim Racing Bucket Seat (optional purchase)
HARDWARE KIT

#	Part	QTY	Note
E1	Seat	1	
E2	Bolt M8 X 20 DIN 912	4	Pre-installed on seat.
E3	Washer M8 DIN 125-A	4	Pre-installed on seat.

BOX 5 - Mercedes-AMG PETRONAS Formula One Team
Sim Racing Seat Brackets and Slider Set (optional purchase)
SEAT BRACKETS

#	Part	QTY	Note
F1	Seat bracket LEFT	1	
F2	Seat bracket RIGHT	1	

HARDWARE KIT | HW94

F3	Cap-Washer M8	4	Black, seatbrackets/seat.
F4	Bolt M8 X 20 DIN 912	4	Brackets to sliders.
F5	Bolt M8 X 16 DIN 912	4	Brackets to profile.
F6	Washer M8 DIN 125-A	8	Brackets to profile/slider.
F7	Lock-Nut M8	4	Brackets to sliders.
F8	Slot-Nut M8	4	Brackets to profile.

SEAT SLIDER

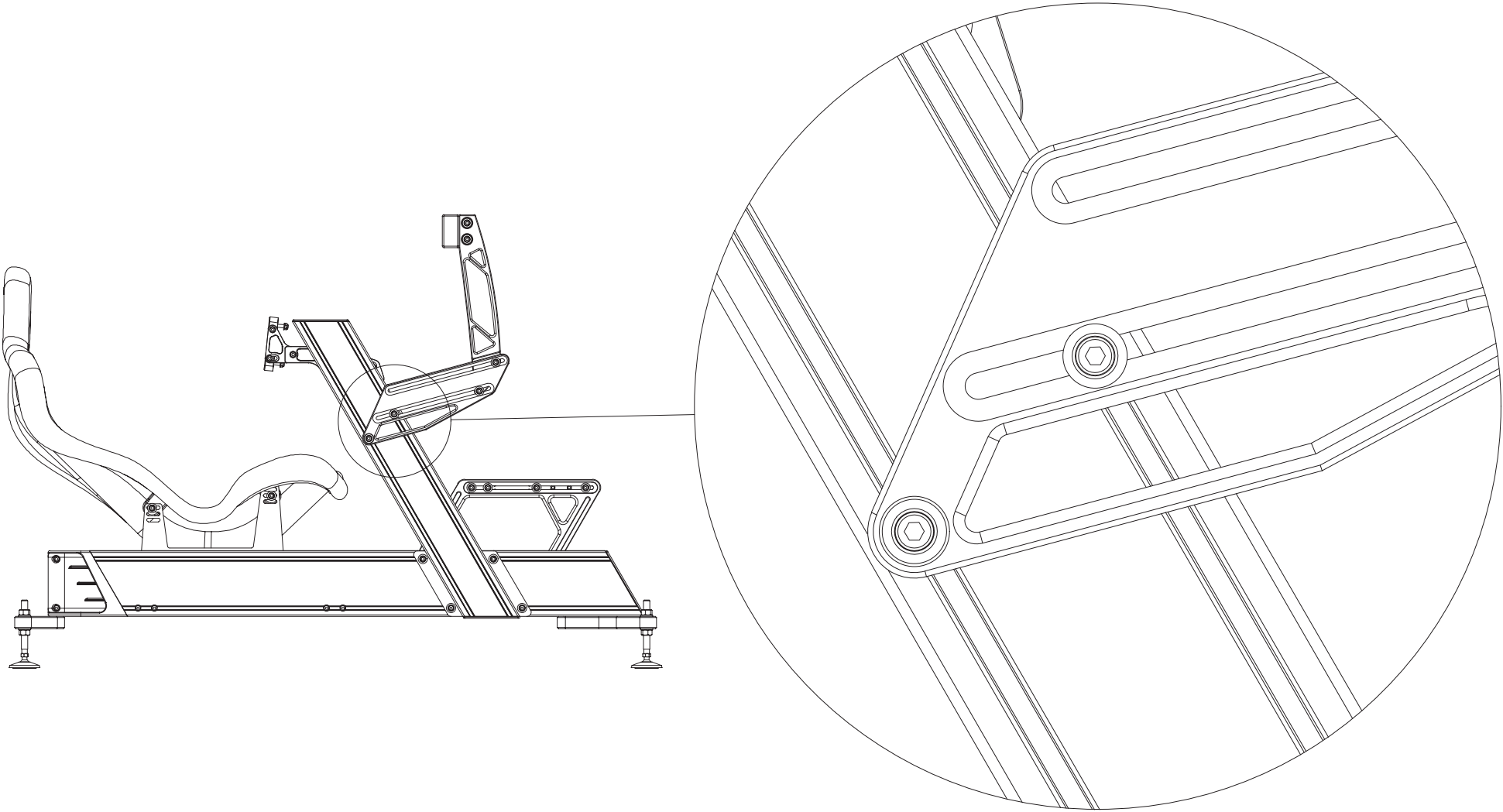
F9	Seat slider LEFT	1	
F10	Seat slider RIGHT	1	
F11	Seat slider handle	1	

HARDWARE KIT | HW200

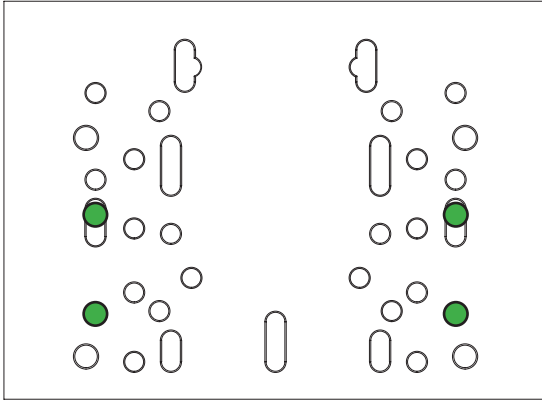
F12	Bolt M8 X 12 DIN 912	4	
F13	Slot-Nut M8	4	

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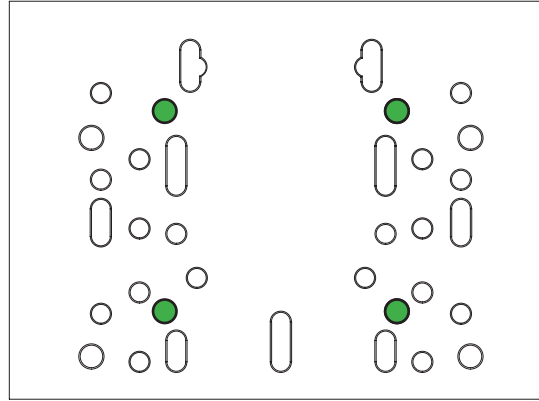
Compatibility with our
Integrated Monitor Mount:



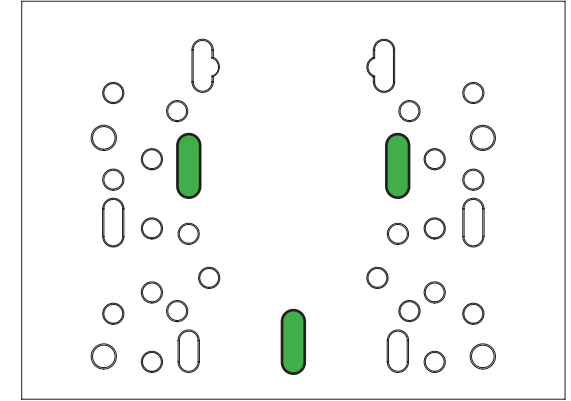
Accuforce 1/2



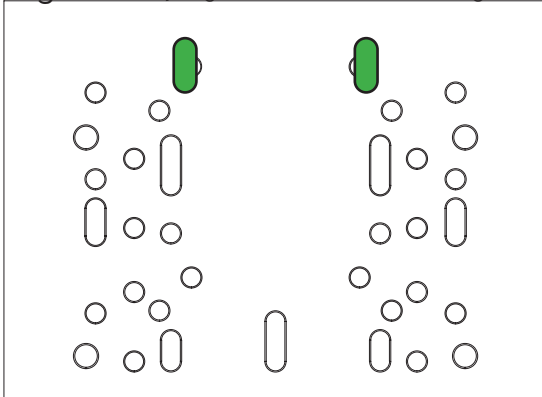
Asetek Forte/Prima



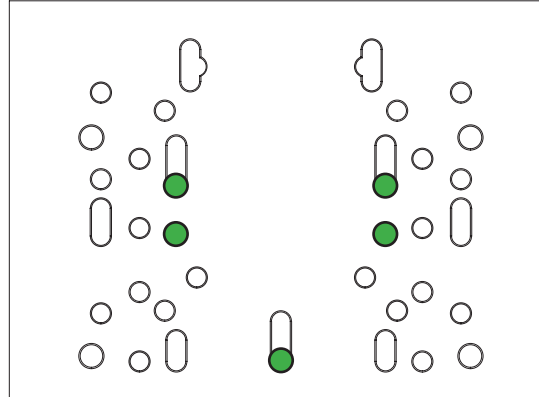
Fanatec



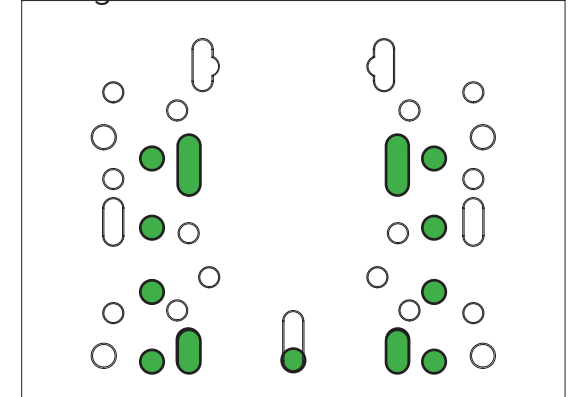
Logitech (only Logitech G Pro uses 3 mounting holes)



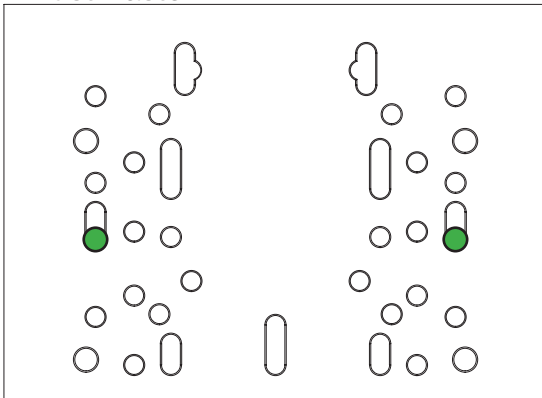
MOZA



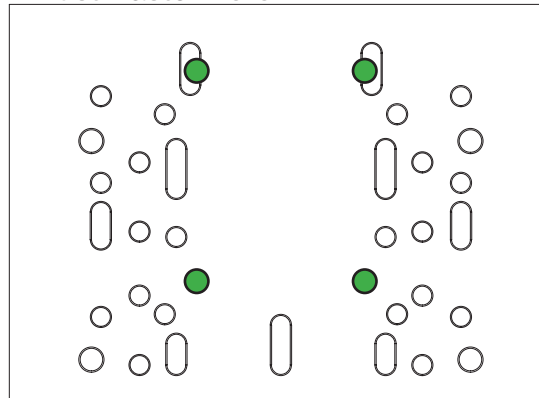
Simagic



Thrustmaster



Thrustmaster T818



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

support@sim-lab.eu

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

www.sim-lab.eu/discord

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

[Product page on the Sim-Lab website:](#)

