UBERBUS FLUX Fitting Instructions

Order rails from VW or TPS

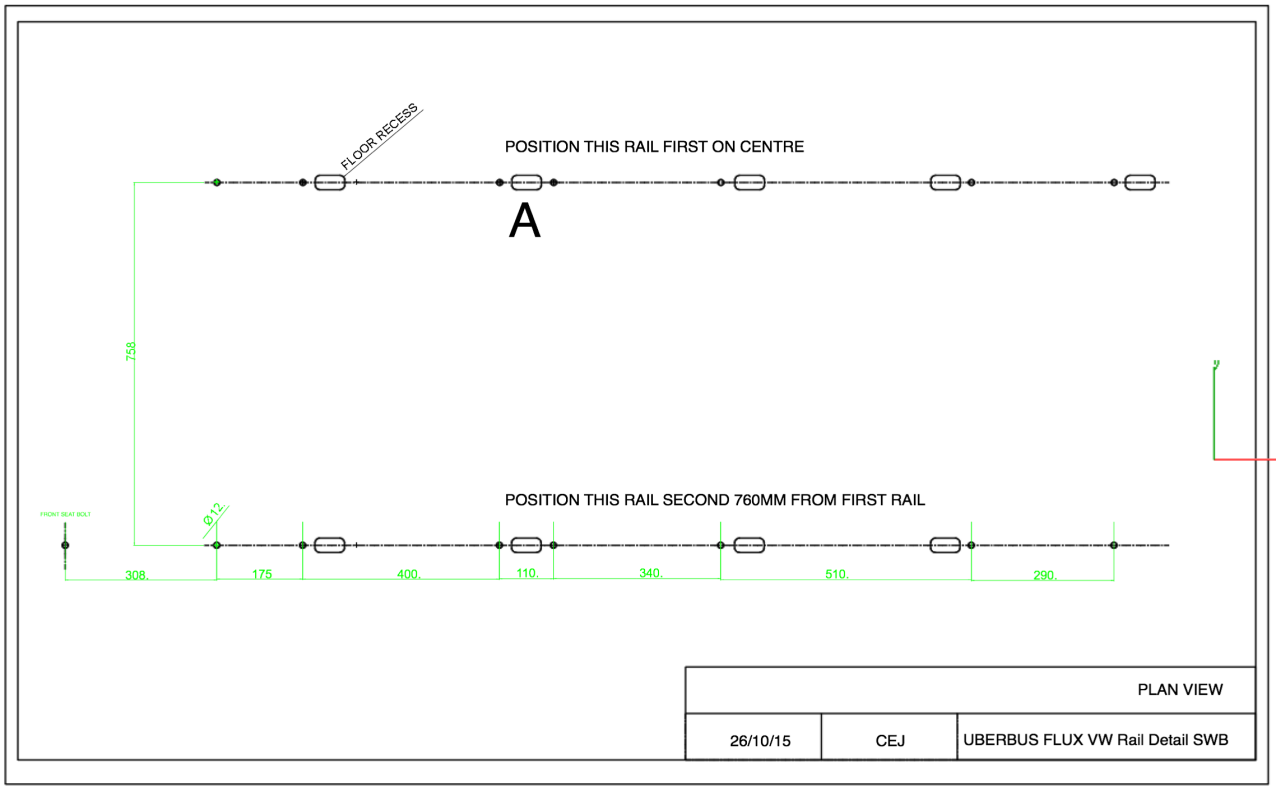
Using the parts list provided, order the rails and brackets required from TPS or VW (this helps to reduce carriage costs).

There are a few options for SWB and LWB these are as follows:
SWB - 2 seater 112cm: 2 x short (2095mm non lash down point) or long (2132mm with lash down point).
SWB - 3 seater 150cm: 4 x short middle (2095mm non lash down point) or 2 x short middle (2095mm non lash down point) and 2 x long outer (2132mm with lash down point).
LWB - 2 seater 112cm: 2 x long (2532mm with lash down point).
LWB - 3 seater 150cm: 4 x long (2532mm with lash down point).
It is possible to fit a middle rail to a 112cm installation enabling the use of a single Caravelle seat for extra passengers.

Position of Rails

Scribe a centre line on the van floor in each rail position, use the recesses as a guide. Next mark the holes either side of the recess **A** (Fig 1.) and drill 2 x 10.5mm holes.

NOTE: SWB 2132mm and LWB 2532mm rails in the centre two positions will require a small section of a floor rib to be flattened at the rear so the rail sits flat.



NOTE: Drop the fuel tank before drilling.

Drop a rail in position and put 2 x bolts in the holes and centre the rail to the scribed centre line, check against dimensions below and then mark the rest of the bolt holes from the rail.

Remove the rail and drill the rest of the holes. Repeat this for each rail.

Rail centres for a 4 rail install will be 380mm.

Rail centres for a 2 rail install will be 760mm.

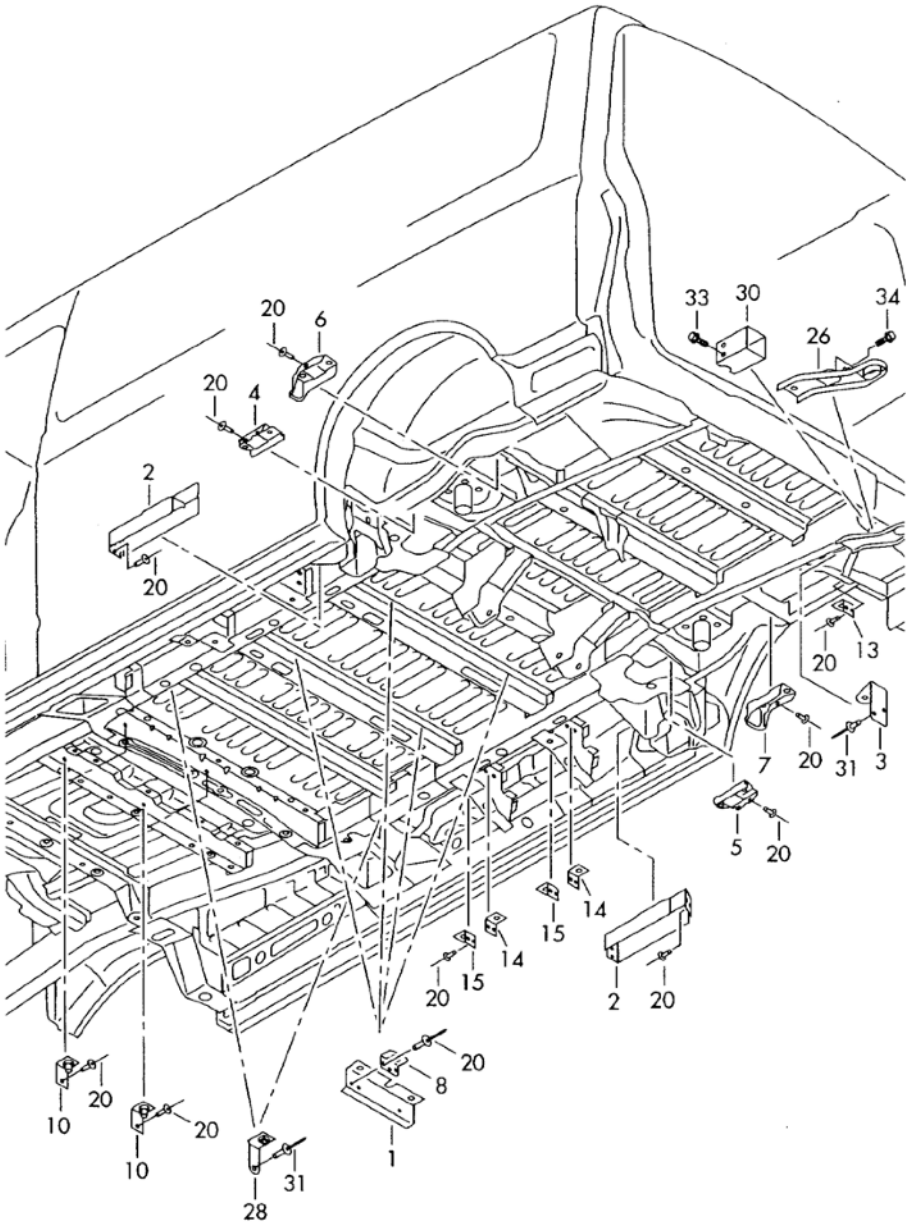




Fixing the Rails

Use the diagram below as a guide to installing the underfloor brackets. Removal of the fuel tank, heat shields, handbrake cable and plastic covers will be needed to access most of the front locations.

Install all the nuts and bolts but only tighten the nuts on the ends of the rails, this will allow the rail to move with a tap of a mallet should you need to make adjustments to ensure they are parallel. Once they are parallel it is also recommended to compare a diagonal measurement to ensure they are in-line before the rest of the nuts are tightened.



Installation of Floor

Once the rails are in place it's time to fit the floor. The rails are higher than a standard 12mm floor so it will need 12mm ply packers placed on top of the floor ridges to get it to the correct height.

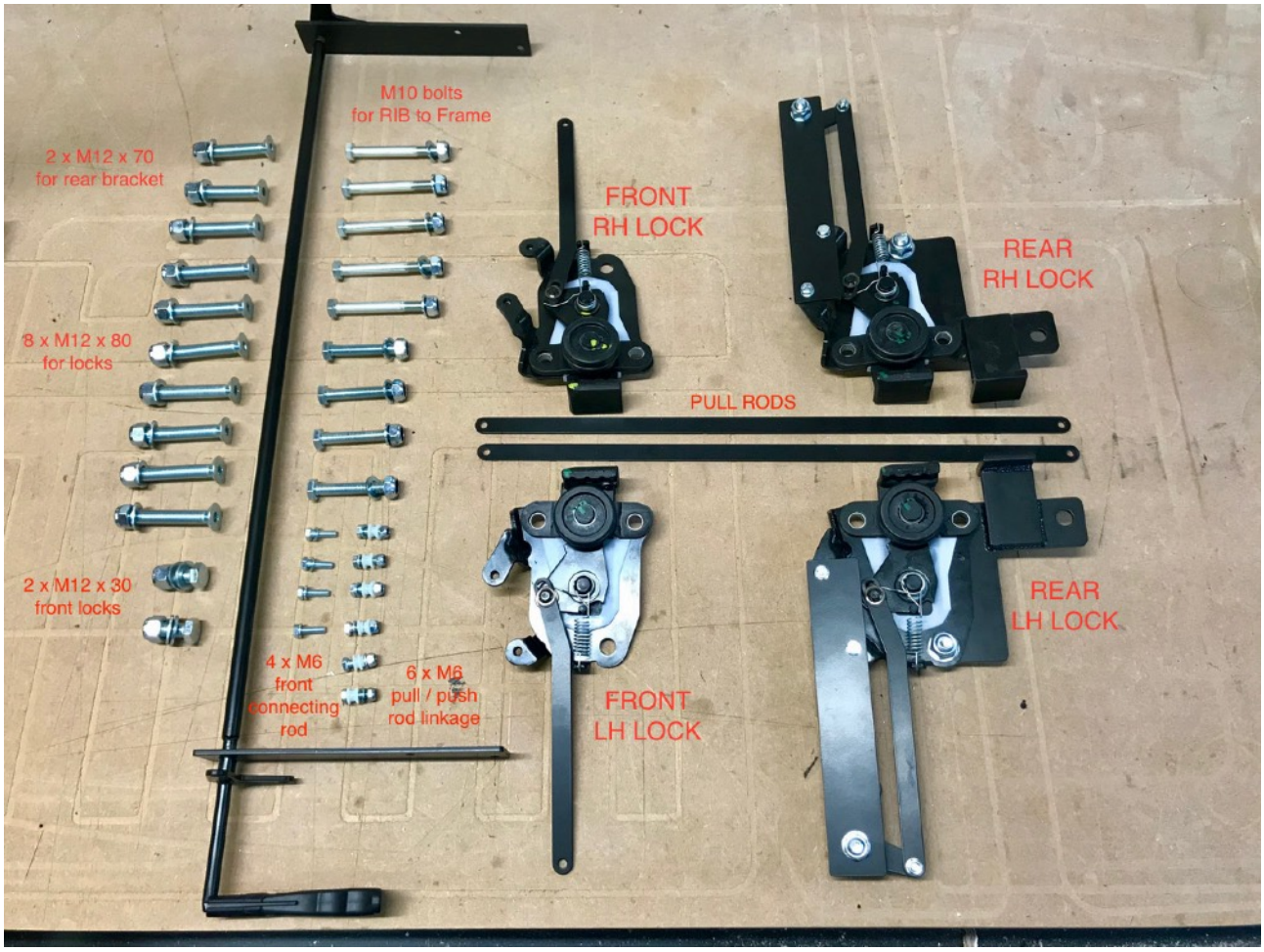
Cut the channels in your ply floor to match the number and length of rails you have fitted. CAD files are available on request.

TIP: Glue the vinyl to the plywood floor before fitting.

IMPORTANT: When cutting the vinyl for the rail leave 20mm of vinyl over handing either end of the rail cutout, this can be trimmed back to suit the end caps.

Once the floor is cut with vinyl attached bond down the packers and then bond the floor with a polyurethane adhesive (Sikaflex 221, FC40 etc.).

While the glue is still wet fit the aluminium rail covers and make sure they are clipped in to the spring clips along the whole length of the rail. Now leave the glue to set.



Seat Assembly

The Flux RIB and Flux frame will be come disassembled so the first task is to mount the Flux RIB to the frame using the M10 x 90 for the front and side and M10 x 65 for the rear.

The bolts point upwards with the nut and washer on the top, there is no washer on the bottom.

Once the RIB is secured to the frame then drill the remaining outer two bolts positions on the rear of the frame.





Fit the FRONT locks to the FLUX frame using the M12 bolts, washers and nuts.
112cm : M12 x 80 CSK , M12 X 70 CSK, M12 x 25.

150cm : MIDDLE locks M12 x 75, M12 x 25, M12 x 55
OUTSIDE locks M12 x 25, M12 x 35.

With the front locks fitted it's time to fit the seat to the rails.

Fitting the Seat to Rails

Disconnect the springs on the front and back locks.

Prepare 2 x 15mm packers and place roughly where the rear of the seat will be once it is lifted in.

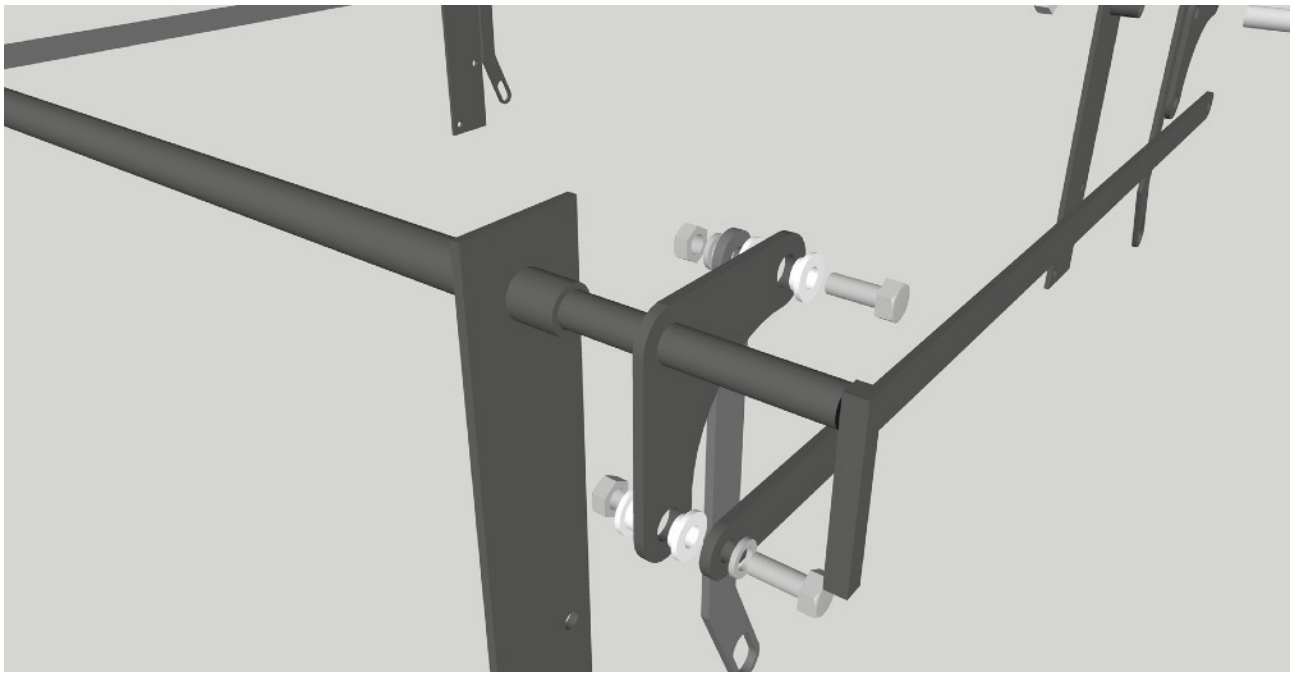
Cover the aluminium rail covers with masking tape to prevent accidental damage.

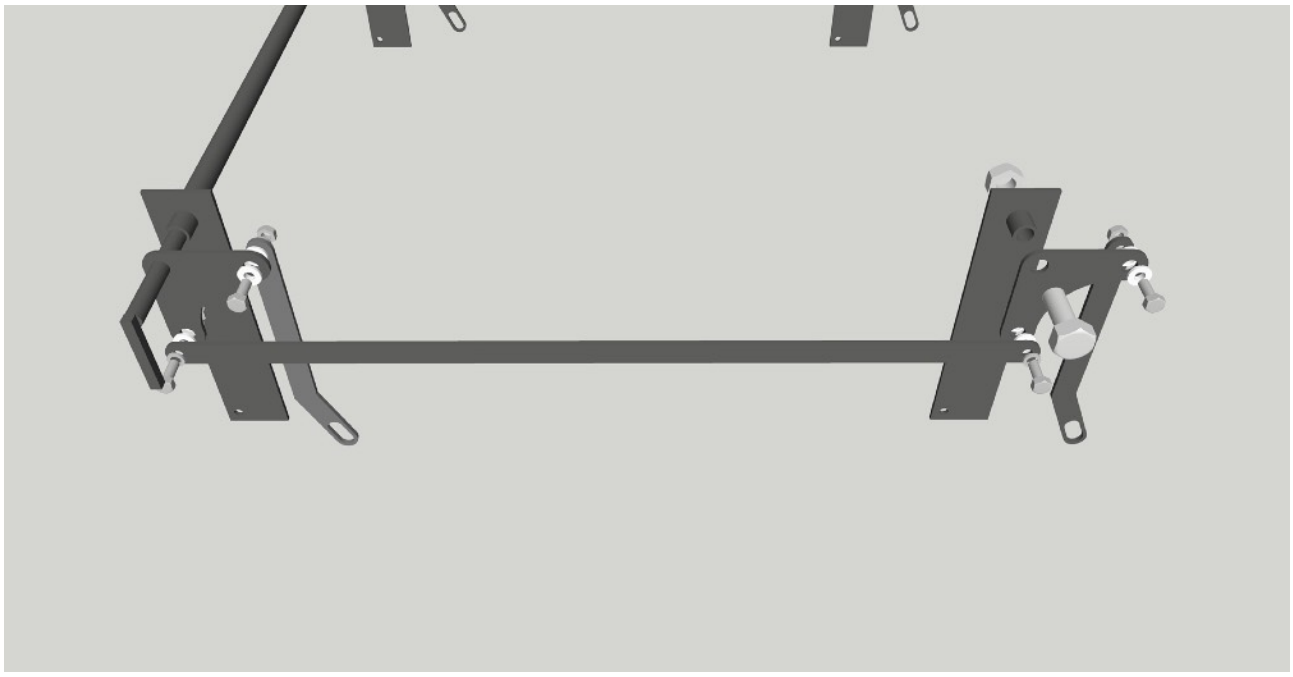
Lift the seat in place lining up the front locks with the front access holes in the end of the rails then slide the seat back just enough so the wheels are on top of the aluminium rail covers and there is access to the cut outs in the rails.

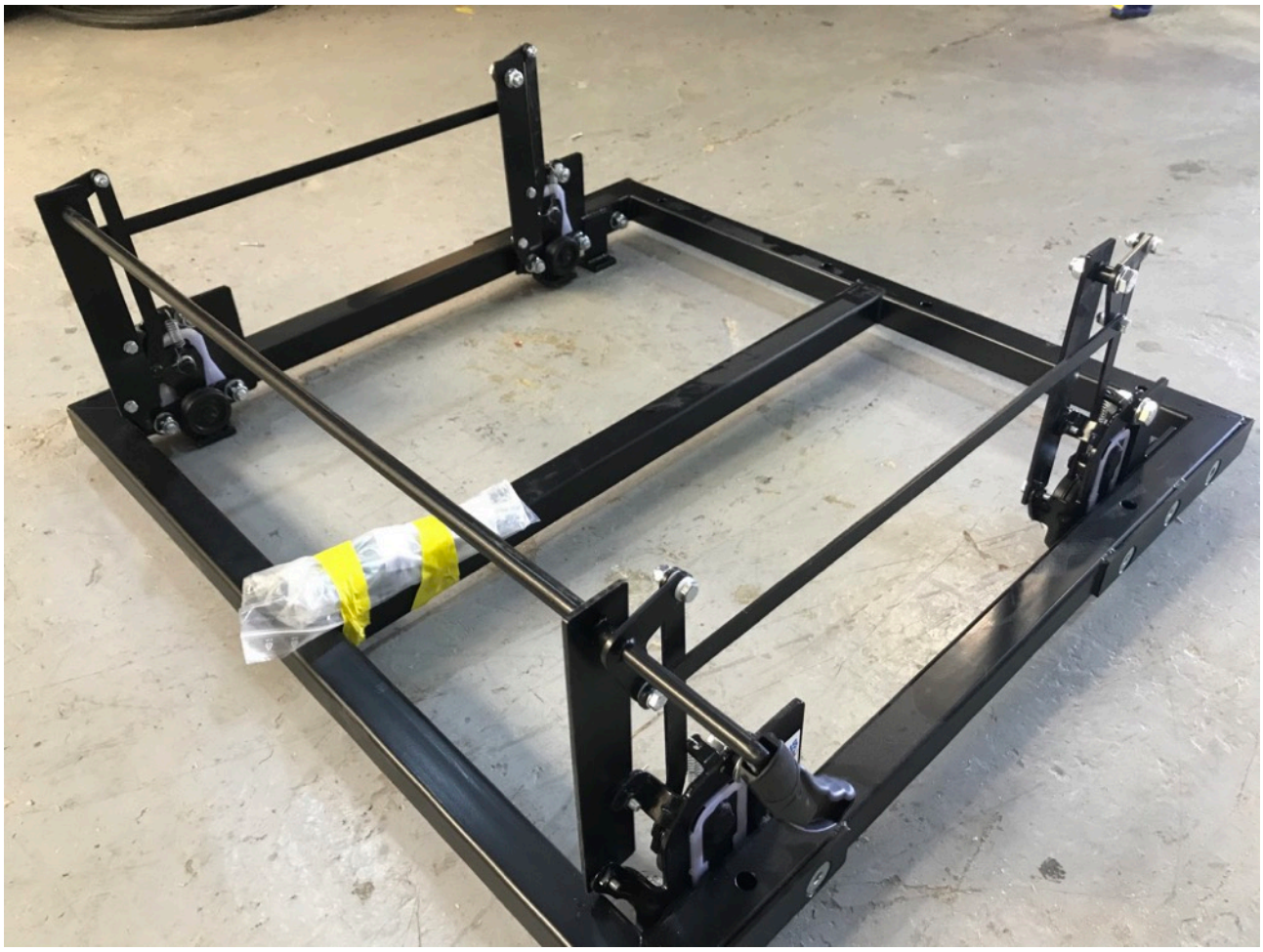
Slide in the rear brackets and locks in to the cut outs and bolt them to the frame.

TIP: spray the rubbers with silicone spray to aid assembly.

Now fit the front connecting rod and linkages. Refit the springs.







Seat Operation

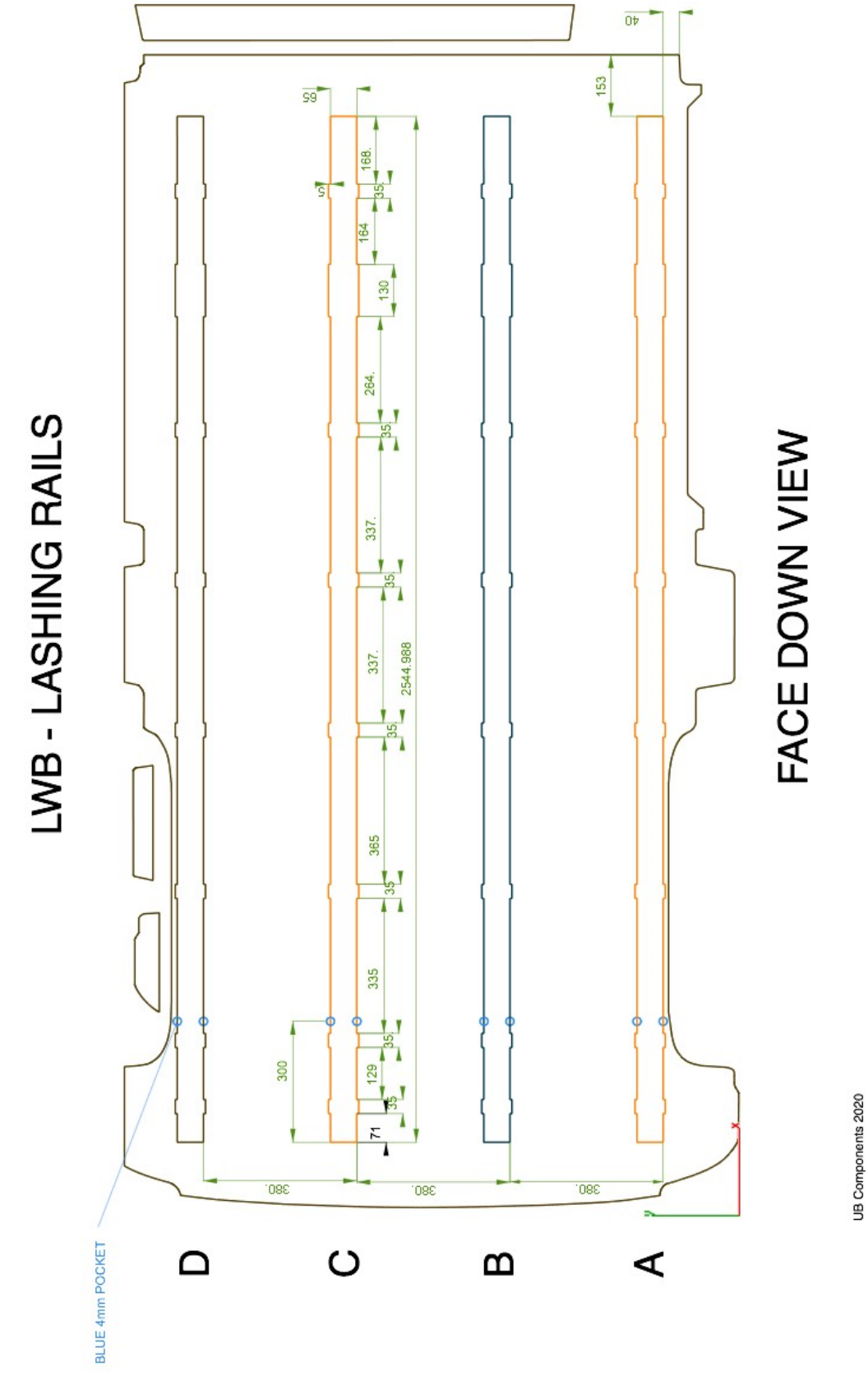
Before sliding the seat past the wheel arch pop off the seatbelt bolt plastic cap and slightly dimple the wheel arch so the bolt passes.

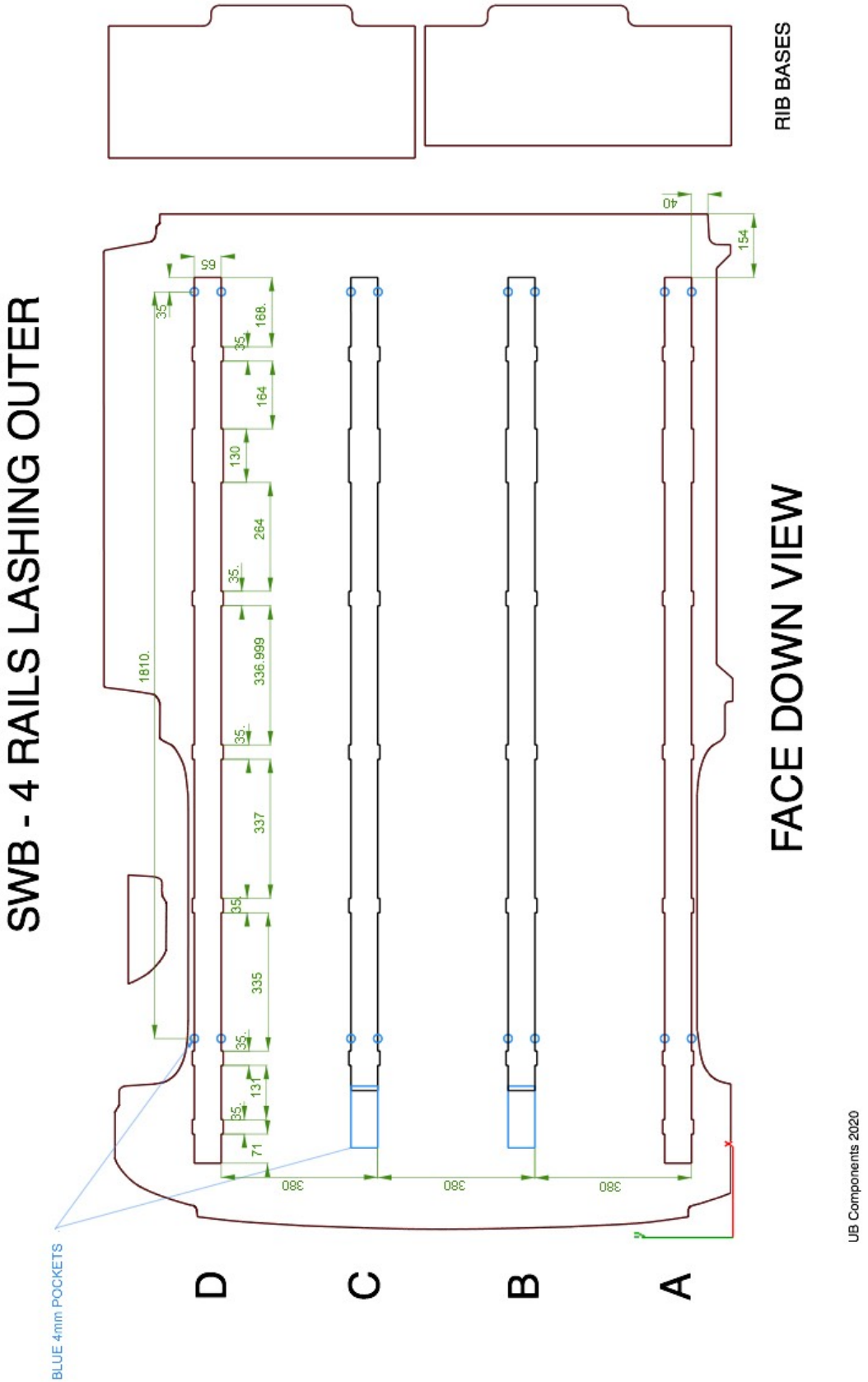
Test the seat operation by pulling the level forward to ensure that the locks fully disengage.

If you get a lock that doesn't quite disengage fully and catches the teeth then loosen the 6mm bolts that on the uprights and move it to the rear of the van this will give that lock more throw.

Check the locks fully engage if they do not loosen all the bolts and engage the locks fully and then re-tighten the bolts, this will bed them in.

IMPORTANT : DO NOT FIT SOUND DEADENING TO WHEEL ARCHES BEFORE CARPETING THEM AS THE FRAME WILL NOT CLEAR THE WHEEL ARCH.


LWB - LASHING RAILS
FACE DOWN VIEW
D
C
B
A
BLUE 4mm POCKET
UB Components 2020
40
153
65
5
168.
35
164
130
264.
337.
2544.988
365
335
129
300
71
380.


SWB - 4 RAILS LASHING OUTER
FACE DOWN VIEW
RIB BASES
BLUE 4mm POCKETS
D
C
B
A
1810.
380
380
380
336.999
337
335
264
168.
164
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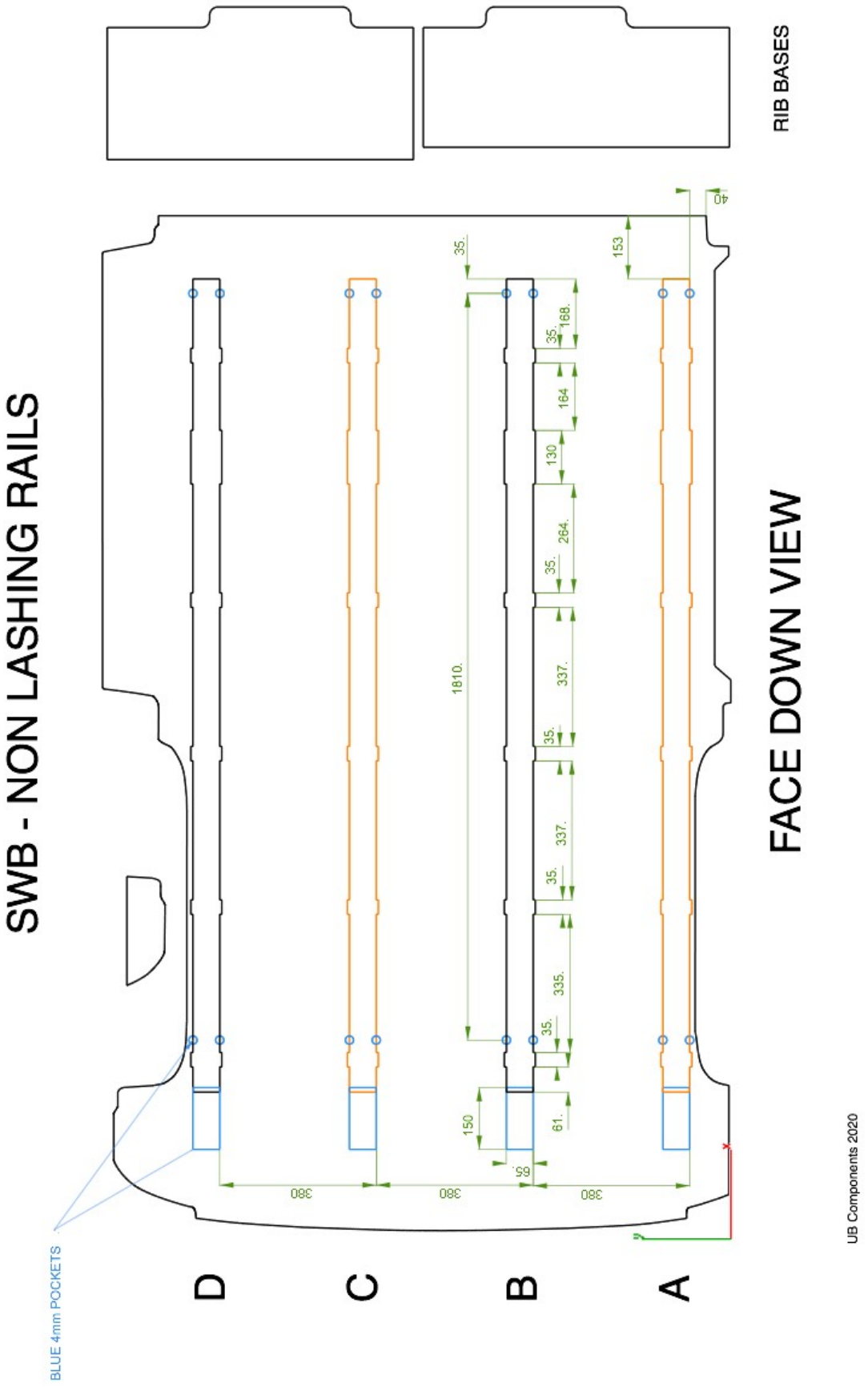
UB Components 2020


SWB - NON LASHING RAILS
FACE DOWN VIEW
RIB BASES
BLUE 4mm POCKETS
D
C
B
A
1810.
35.
168.
164
130
264.
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150
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UB Components 2020