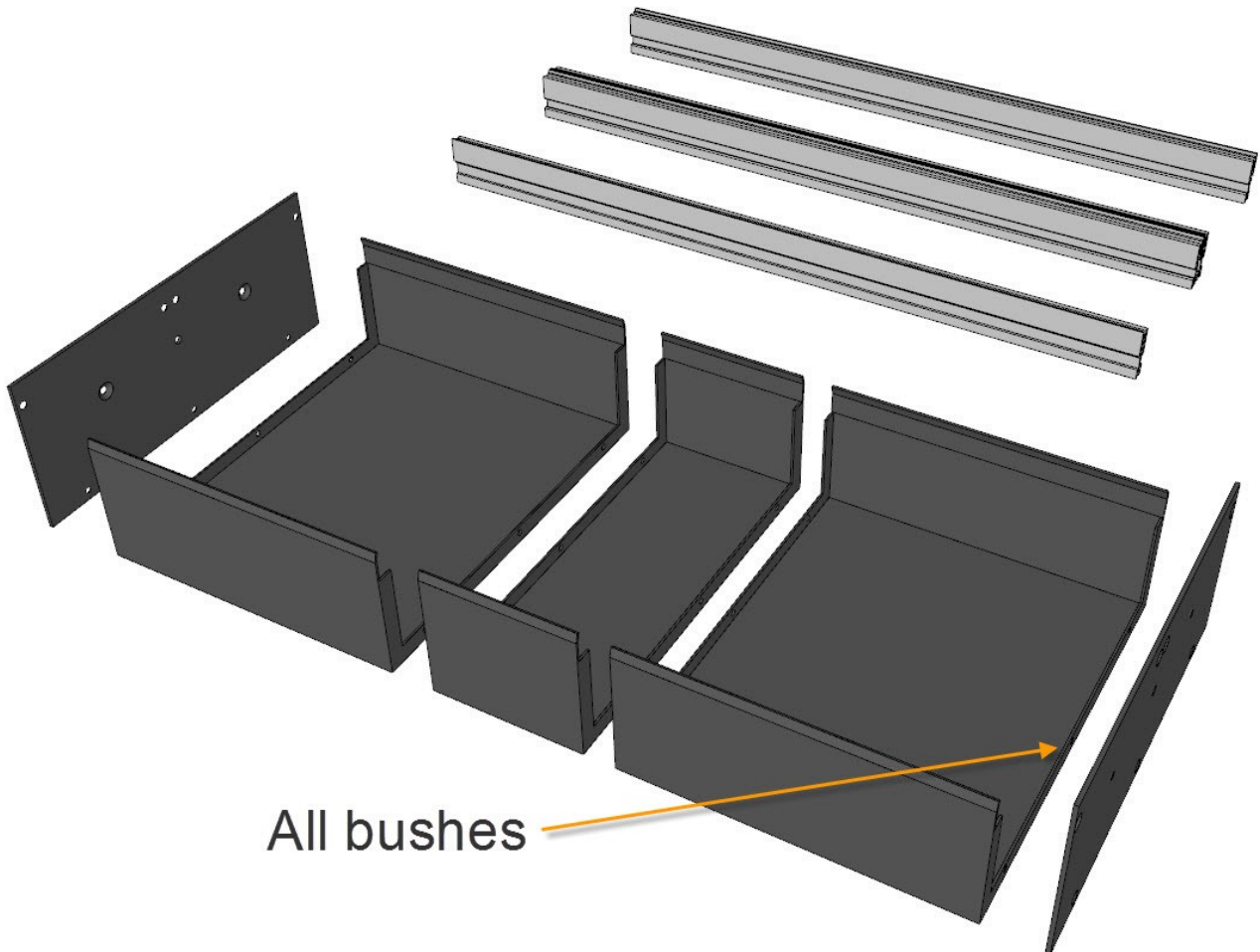


## Studio 300 Assembly

Place all the parts out on a flat surface as shown in Figure 1. Depending on the configuration you have chosen, you may have more or less Skins (and associated M4 bolts).

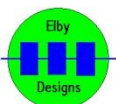


All bushes

Figure 1 – Studio 300 parts laid out

The Skins should all be orientated in the same direction.

Join the Skins together using M4 pan-head bolts. These bolts will utilize the holes on the left-side of the skins without bushes as shown in Figure 2.



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# Studio 300 Assembly

## ED7xx Busboard Installation

We would now recommend installing your power distribution while you still have unhindered access to the inside of the case.



Fit [8x M3x12mm SEM bolts](#) to the [Busboard Carrier Plate](#) and secure using [M3 x 5mm nylon spacers](#) as [shown](#) at left.



Install the [M4 cup washers](#) on to the appropriate busboard mounting locations as show at left. The washers are cupped on one side and this side should be placed face-down over the bolt first so that the larger flat surface remains exposed.

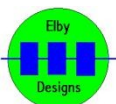
Mount the Busboard Carrier Assembly in to the skins and secure using the [M4 Nut-Washers](#)

Install busboards and secure using [8x M3 nuts](#).

Install [Busboard Power Sets](#) and [Busboard Cable](#) Sets as required for your selection of busboards and, the DC Power Cable if using the rear access hole for power entry. Refer to [DC\\_DISTRIBUTION\\_SYSTEMS](#) for guidance on this.

Continue with the Enclosure assembly .....

*(for clarity the following diagrams do not include the distribution system)*



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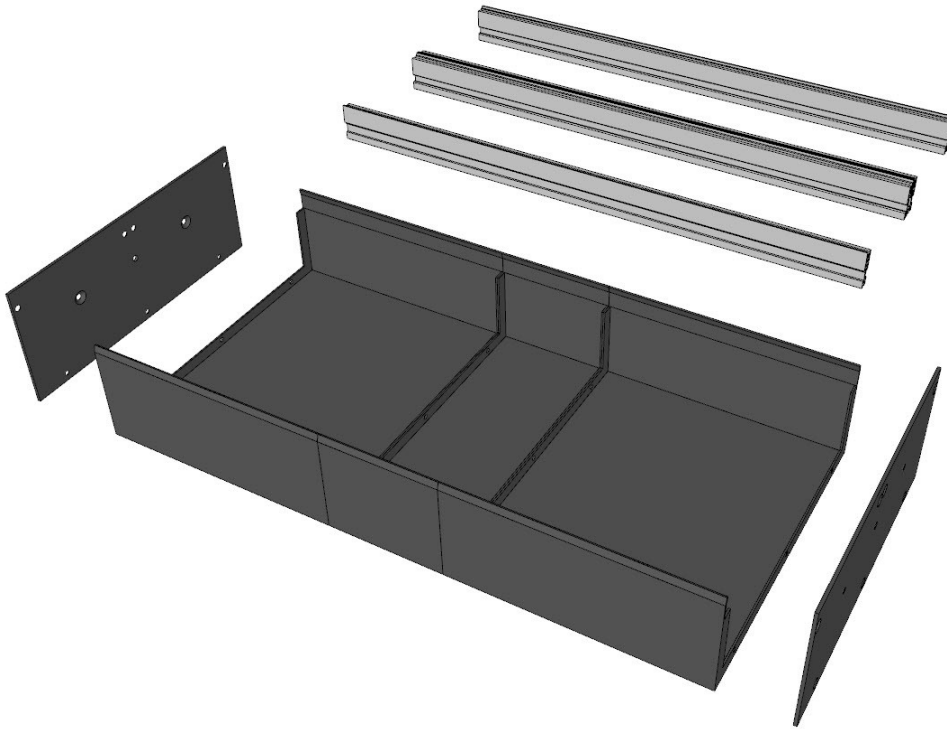


Figure 2 – Skins assembled

Attach one of the End Plates using M4 countersunk bolts as shown in Figure 3.

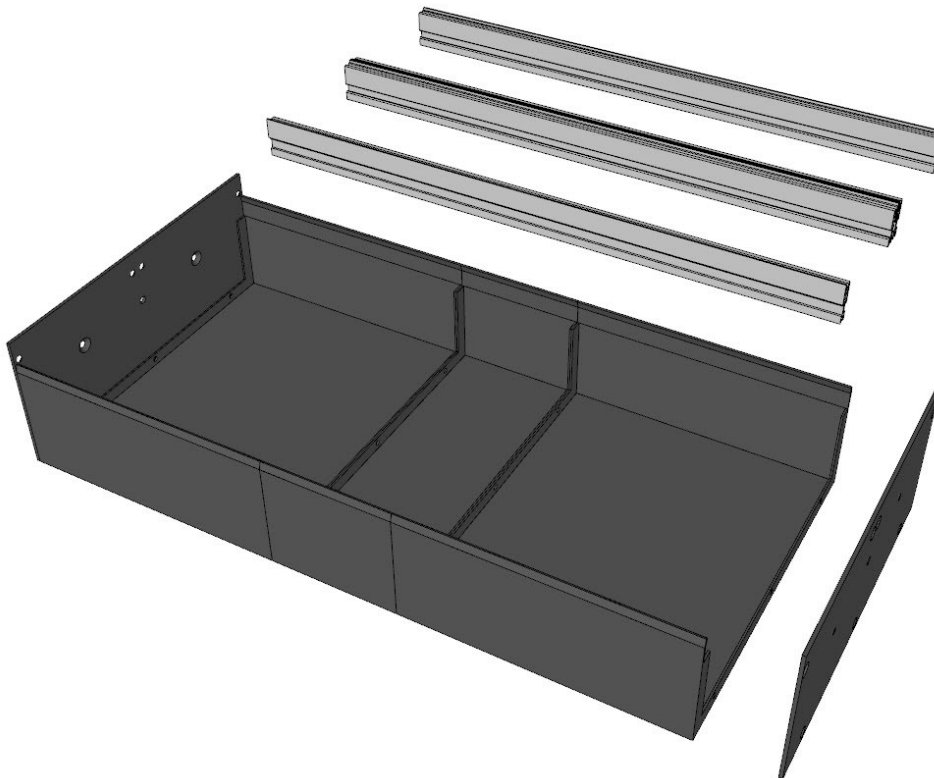
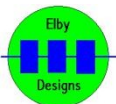


Figure 3 – End Plate attached



## Studio 300 Assembly

Position the 2 outer Rails and secure using M5 countersunk bolts :-.

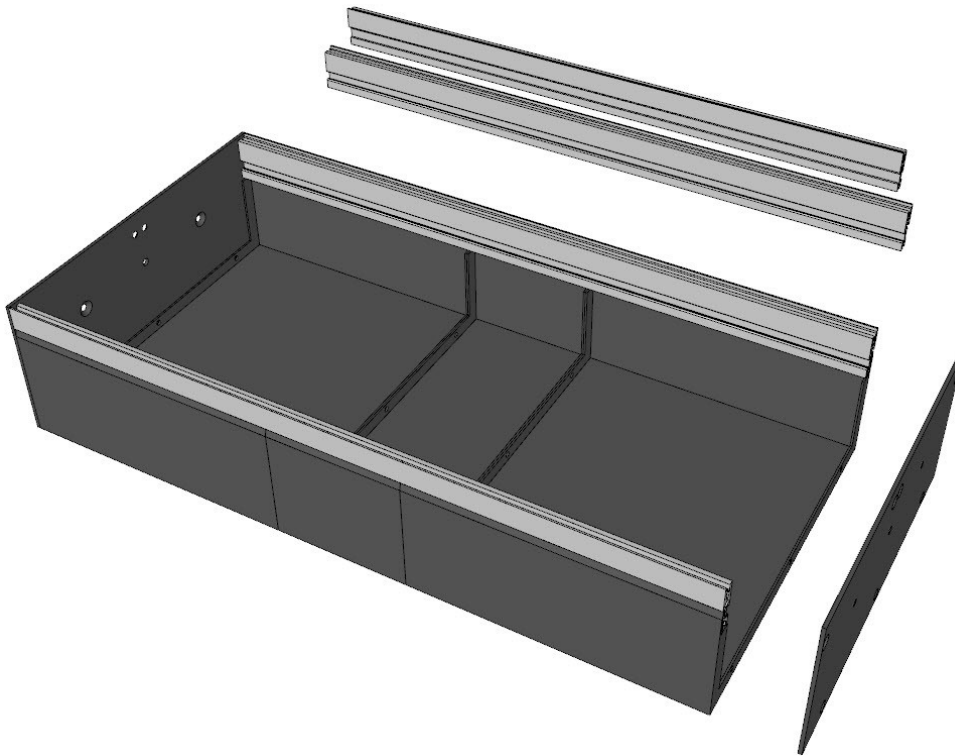


Figure 4 - Outer Rails attached

Attach the other End Plate but only secure loosely :-

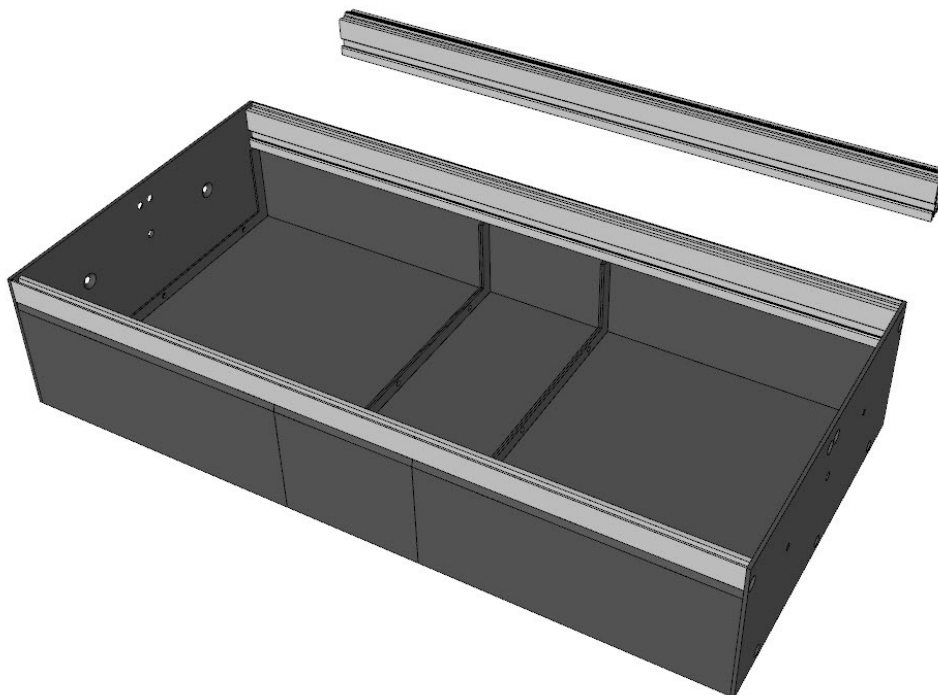
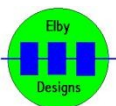


Figure 5 – Other End Plate attached (loosely)





## Studio 300 Assembly

Insert one of the centre Rails making sure that the Rail ends rest against the Side Plate itself and not on the half-shears. Loosely secure using M5 countersunk bolts. Repeat for the 2<sup>nd</sup> center Rail :-

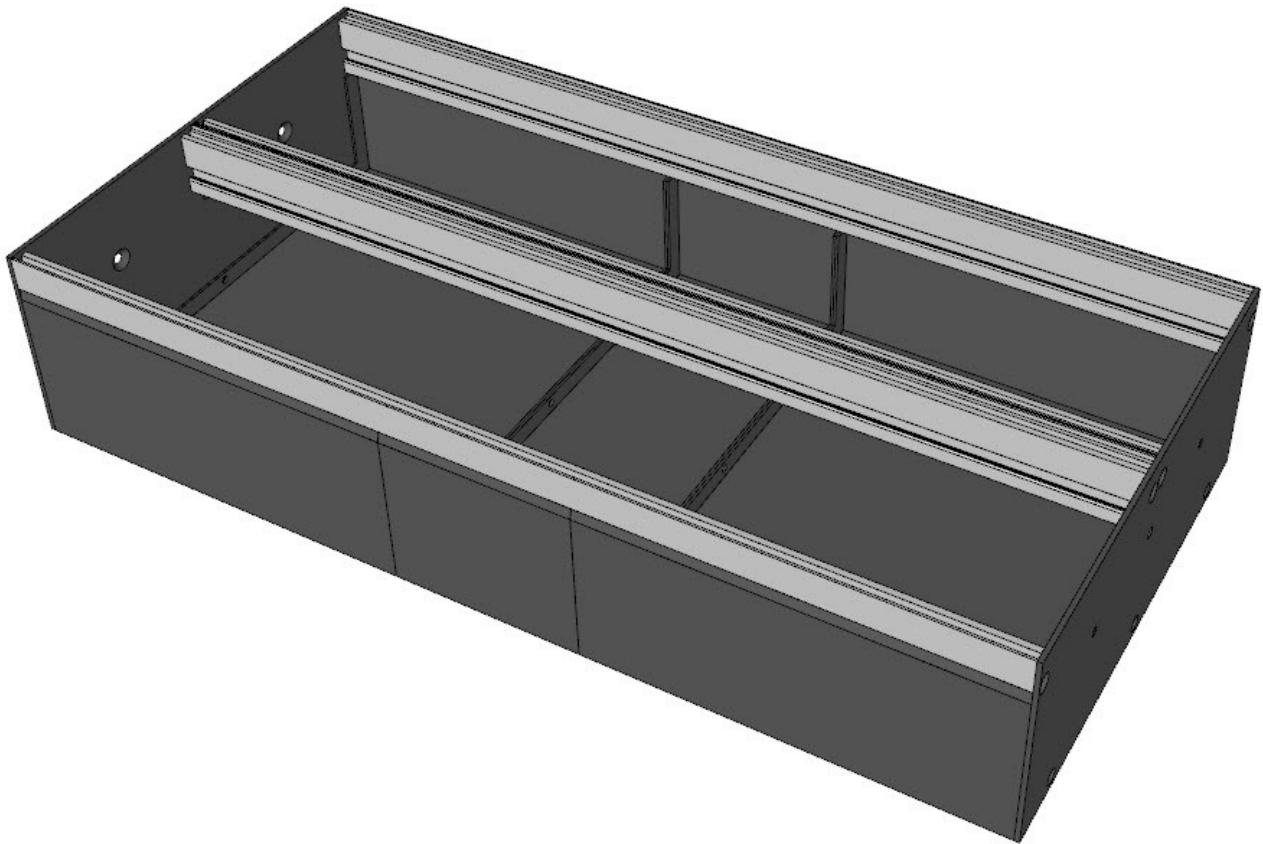
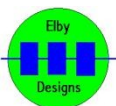


Figure 6 – Assembly Studio enclosure

Tighten up all bolts ensuring that the Rails are correctly aligned.

If using our Studio End Cheeks, then secure them in to place using the M6 countersunk bolts. Note that the End Cheeks have 2 'extensions'. These are the 'feet' for the assembly and should be orientated furthest away from the Rails..



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