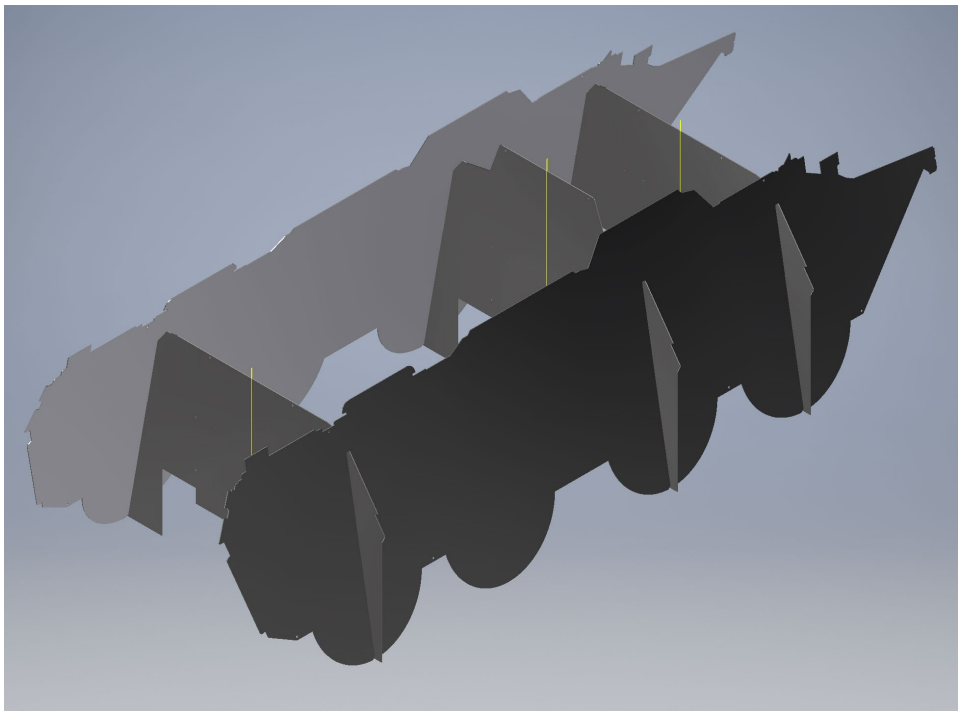
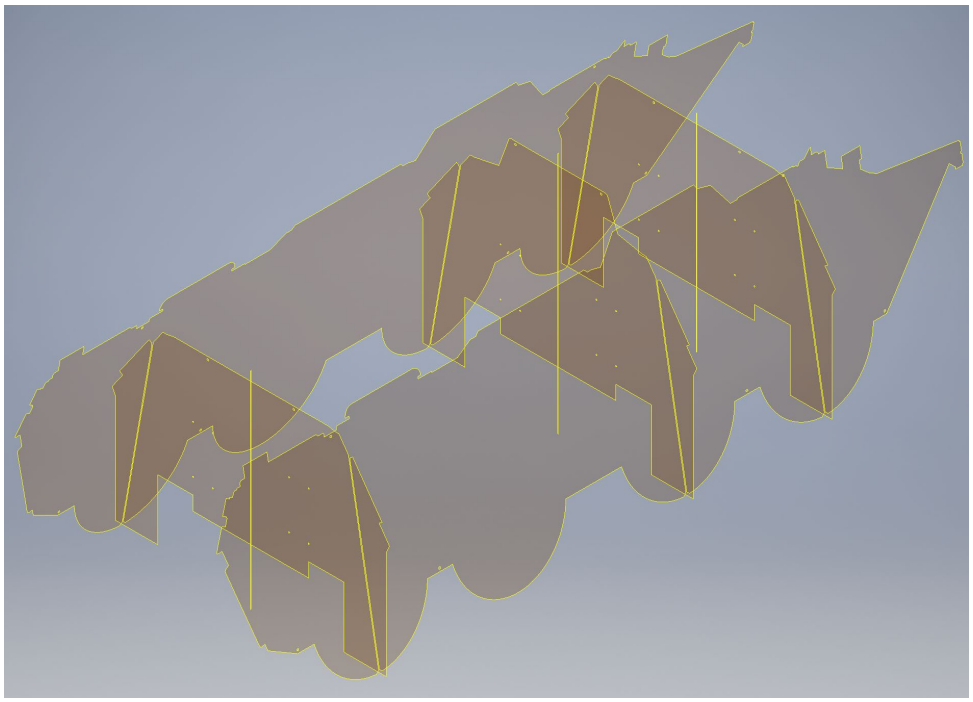
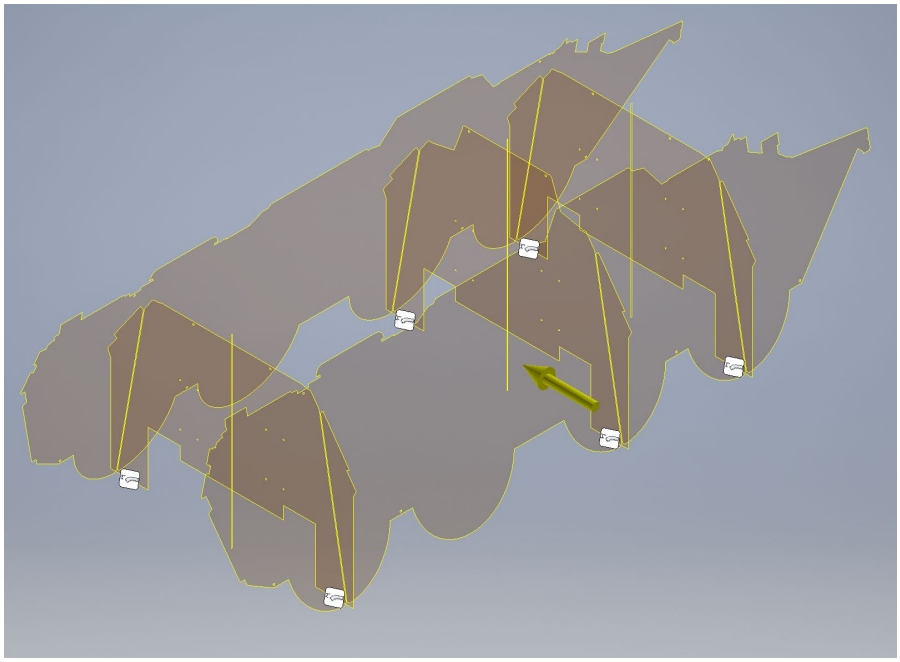
Thin Feature errors:



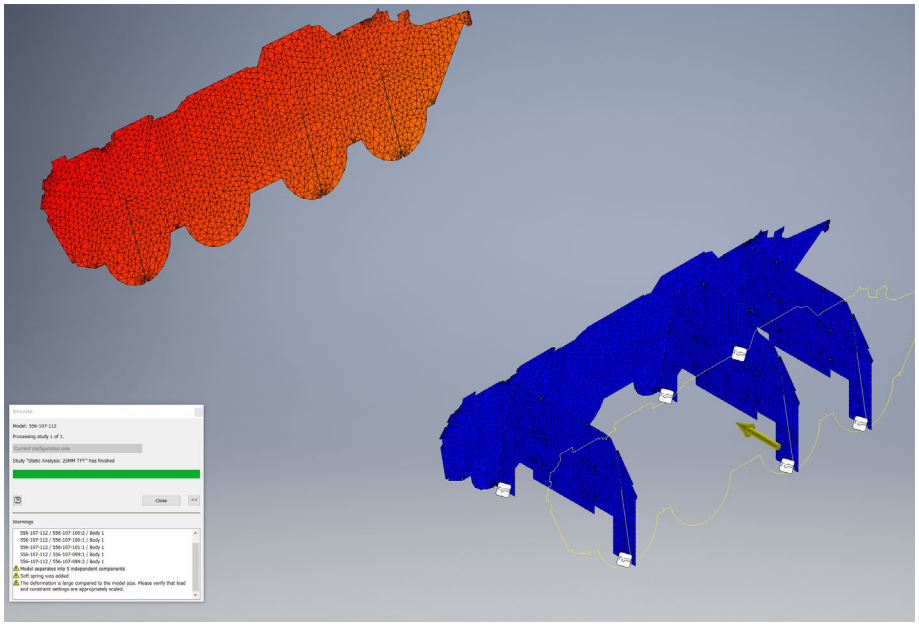
Actual assembly – all plates 8 mm



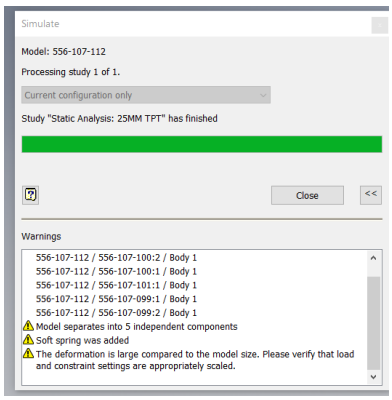
Treating as thin feature



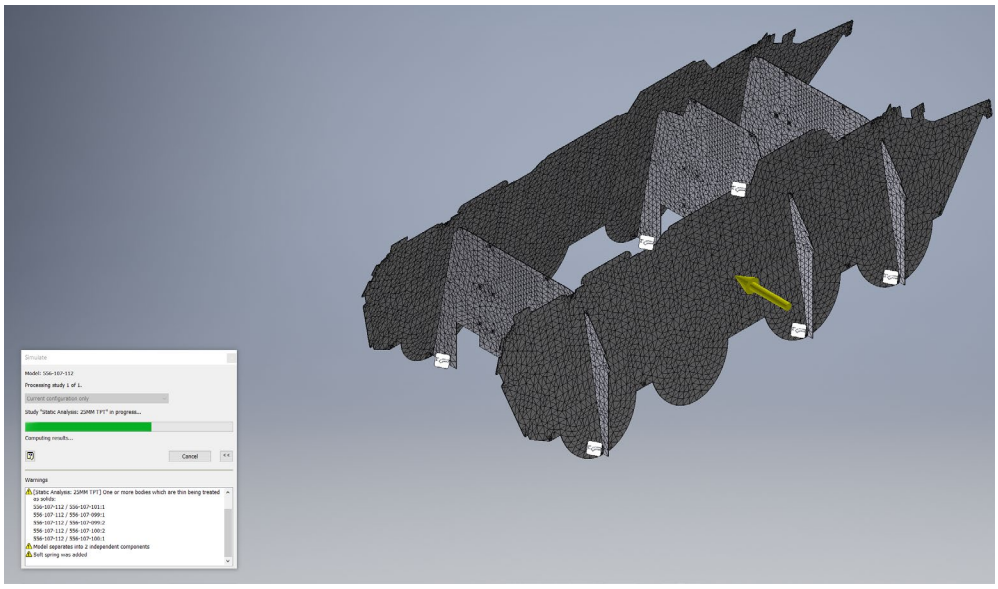
Loads and constraint applied

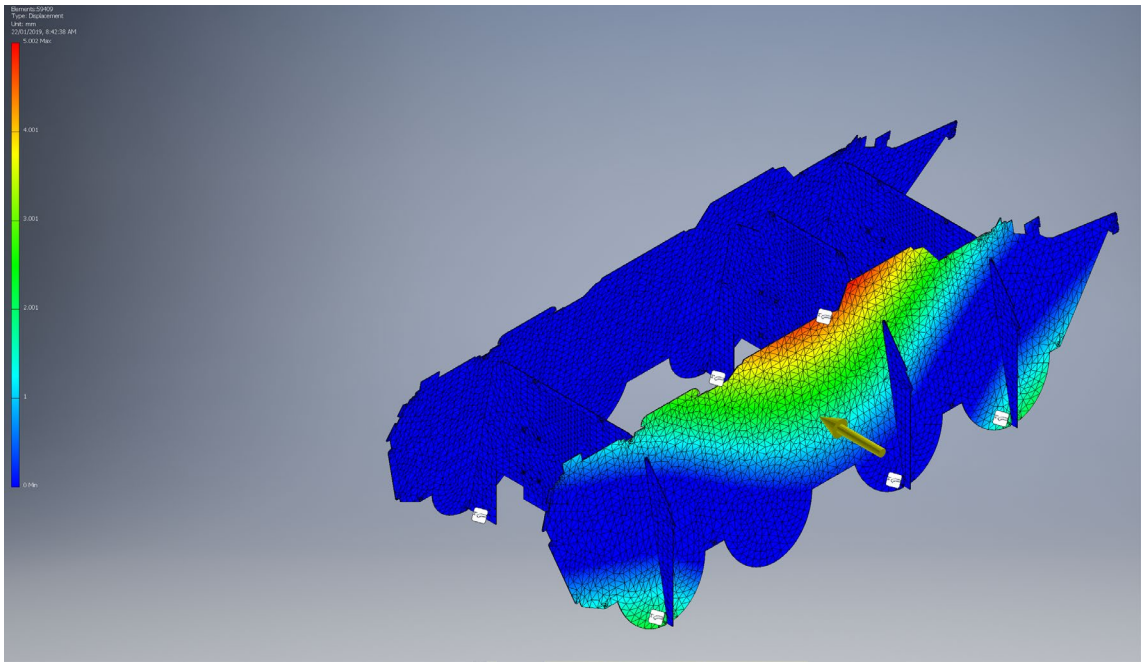


It says deformation is larger than expected 11000 mm



But when I treat them as solid, result are different.

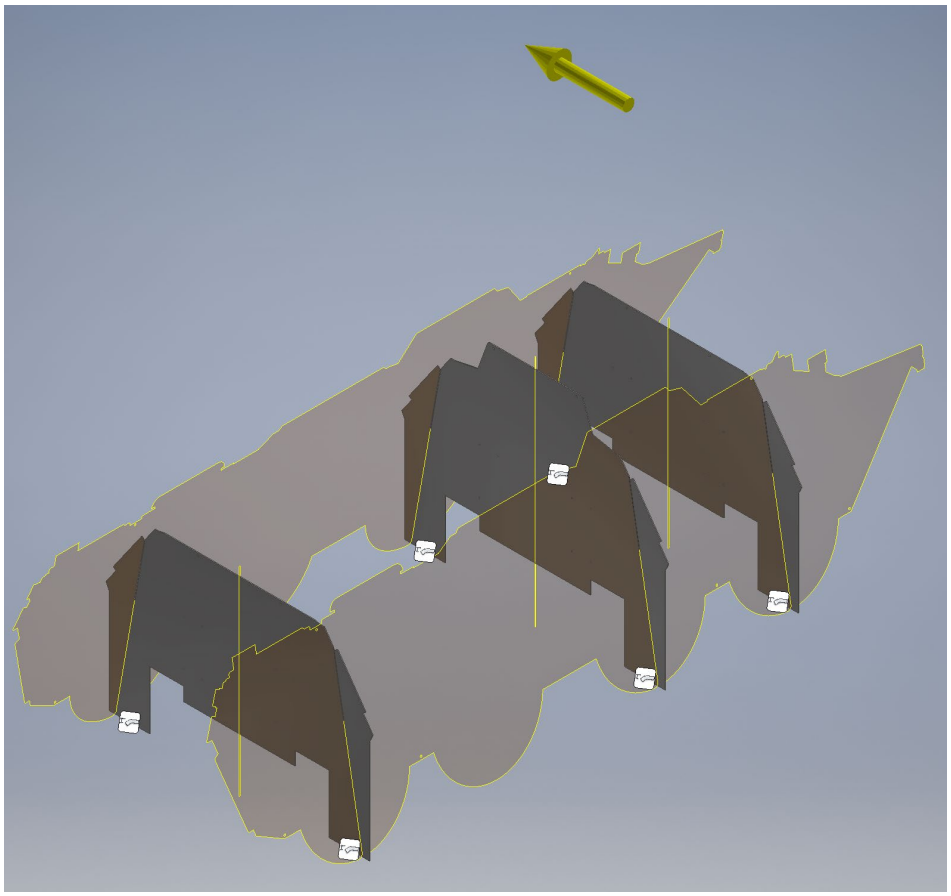




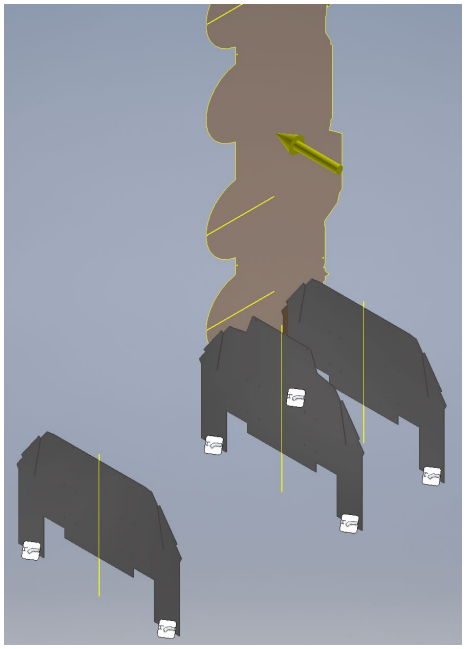
Why is it so much difference applying same constraint and forces ?

Displacement is only 5mm max as opposed to 11000 in thin feature.

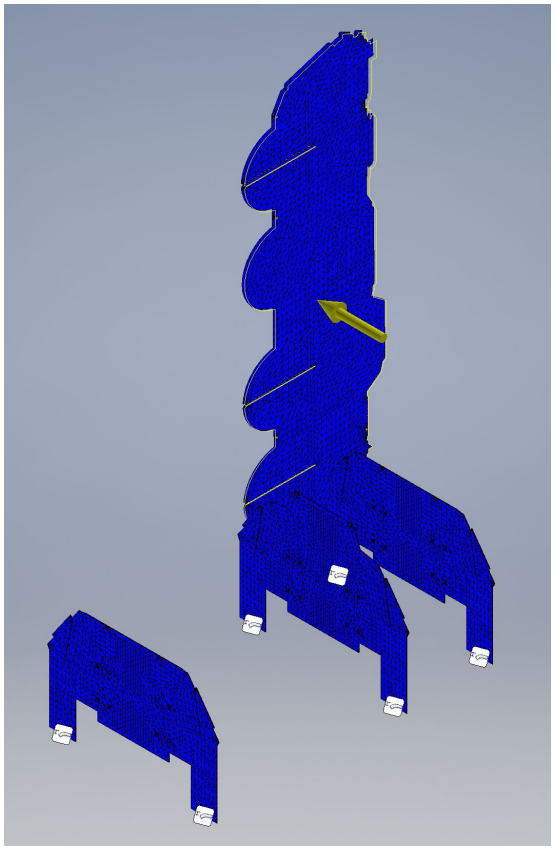
If I go midways, treating vertical members as solid and slant plates as thin feature. Slant plates are flying in the air. See below.



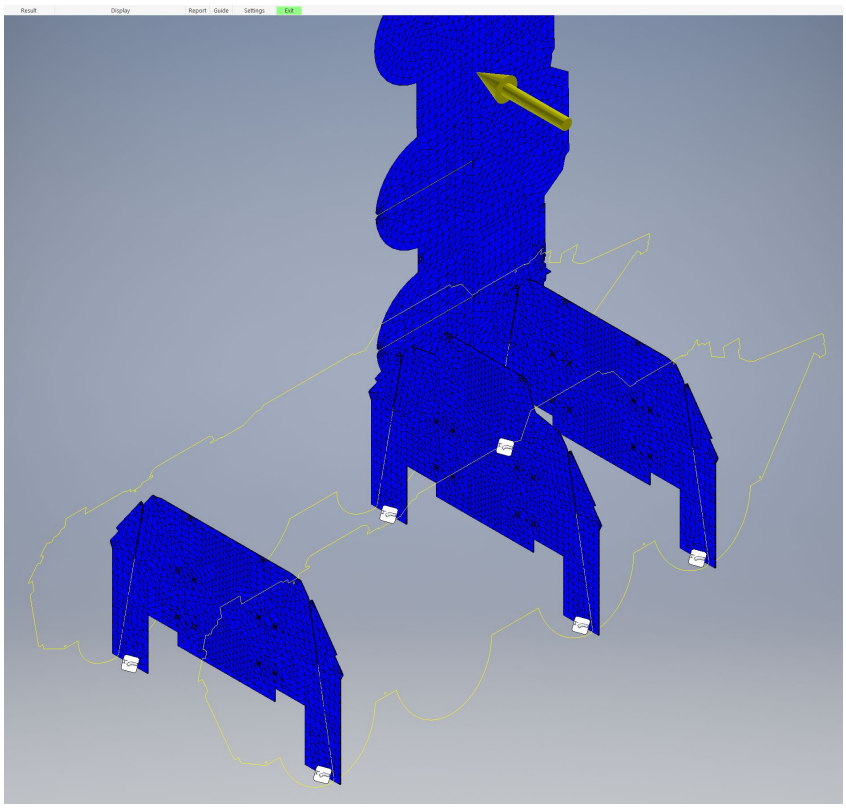
see the arrow going up



why is it flying up ? when I zoom in it appears ok but when its zoomed out, it shows out of no where. I am applying same load and same points as constraint.



This is odd. Although when I zoom it, this is what I see



I can see outline but actual part is floating in air.