

Frame Errata

ME 498 | Spring 2021

Last Revision: 5/18/2020

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Frame

Side Pods:

- On the outermost members of the sidepods, there is a bar that is simply tacked on. You will need to figure out a way to fully integrate this member. This was a class of 2020 remnant, we never figured out how to deal with this.

Side Impact Structure

- Please reference the figure below. Pulled from the 2021 rules, page 36. I have manufactured the upper side impact members. They are in a black bin marked Chassis / Battery Packs. You will still need to manufacture the diagonal side impact members. Inventor files may exist from the 2019-2020 team. Their google drive is a mess though...
- Make sure the side impact structure gets welded in a rules compliant manner. We could not do this, as wheel/tires/suspension/battery packs never made their way onto the car, so we didn't have a final ride height.

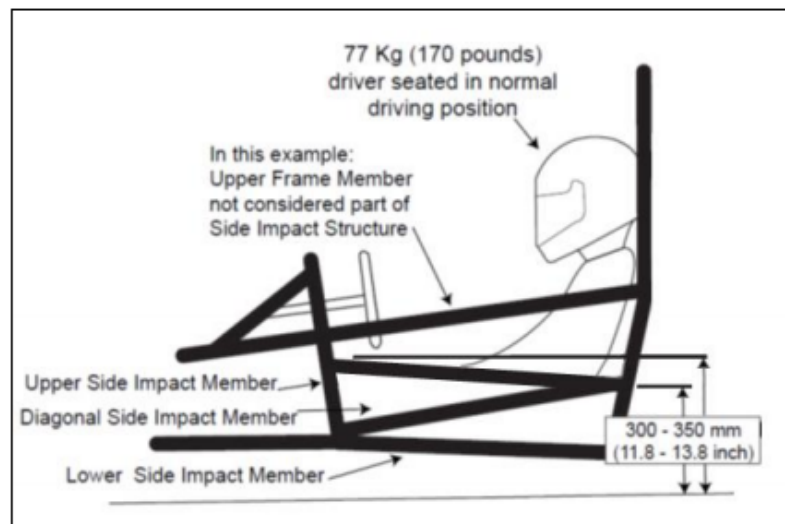


Figure 11 – Side Impact Structure

Seat and Harness

Seat:

- The seat is not centered in the car, it is offset to one side, slightly
- The seat slides back and forth to accommodate many sizes of drivers (to be rules compliant- Percy)
- There is a head rest cushion that is fully rules compliant but need to be attached to the seat therefore it is only 1 inch away from each drivers head (with helmet on)

Harness:

- The racing harness expires this year. So you'll have to buy a new one if you want to go racing next year. Don't buy it until you're sure you'll be going to competition.
- It is a 6-point harness which is important to know when looking at the rules.