

October 3 – October 15:

During the past two weeks we have continued to cut, bend, and weld the brace tubing for the side of a chassis. This part of the assembly went mostly without incident. On Thursday, the 8<sup>th</sup> of October, Josh and Jordan went to NWTC (Northeast Wisconsin Technical College) to cut the steel flooring for the chassis using a water jet cutter. At the tech college Jordan welded the flooring onto the chassis with the appropriate stitch welding. Now with the flooring done, we have started to bend the protective halo for the roll bar. The first attempt resulted in the halo being too long and our second attempted resulted in the halo being too short, luckily we used left over steel tubing from our other cuts. We are currently working on our third halo.

-The chassis with the additional side brace tubing and the water cut flooring (Below).



-Josh bends the halo to the correct angle (Below)



-Josh and Jordan check the halo (second attempt) to see if it fits correctly and whether or not the distances are correct (above).