



**Team Monster
Update #4
November 23
Hours 3 and 6
Sponsor: Monster Energy**

We are now very close to completing the rear axle. We made the rear axle to have the least amount of weight while still providing the needed strength. Our battery is being put in front which helps the front tire traction when going in and out of turns. The seat we are making is also going to function as a fire wall to save weight. There was only one problem with this. You wouldn't be able to access the engine so we are simply going to add an access panel to the back of the seat. We also had to add bracing to the seat since it is aluminum. The tasks we will be completing in the next few weeks are: finishing the engine mount, finding the gear ratios that will give us the max speed and acceleration, finishing up the rear axle, cutting out the seat, and possibly wiring the car.



Chassis with the front axle complete with battery in front for added traction.



Back end with engine mounted. The rear axle is almost done.