



Team PDQ

Update 5: October 29-November 13

During the past two weeks, we have put in a tremendous effort to get the frame completed. As a result we have mounted the halo and all of its supports, mounted the fuel tank, and have started to draw and assemble the design that will be used on the front axle using Autodesk Inventor. After figuring out the design, we began to cut the pipe. We used two inch circular tubing with notches cut in the pipe so that we can weld the axle directly to the front of the frame. The differences with the front axle from last year and this year is that, last year the axles were made to be adjustable and used brackets to connect to the car. This year the axle will be welded directly to the frame because last year the axle was never adjusted and therefore brackets are unnecessary. Overall, the past two weeks have been very productive because in the next few weeks we will build our fiberglass body at Fiberglass Solutions and we will also begin to assemble the rest of the car. In addition to working in class, we stayed after school on Thursday the 12th and mounted the engine and tubing for the front axle.



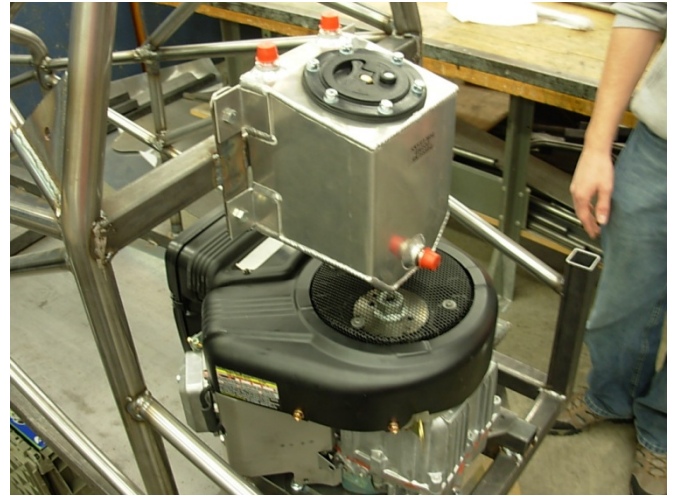
Connor welding the mounts for the fuel tank



A picture of the frame before Thursday the 12th



A start to the front axle, not yet welded but cut to the right dimensions. The axle is made of 2 inch circular tubing.



Two pictures of the engine and fuel cell which are now mounted to the car