

Team CLC

October 25- November 12, 2010

Update 4

Overall

The Briggs and Stratton car has come in, and has been completely stripped of parts that will aid in the assembly of our vehicle. We are also working on putting the front axle on the chassis. Zach Peters, a Reach and Development student in third hour, has been very generous and incredibly patient with his assistance and knowledge on the assembly on the chassis.

Eric has volunteered as project manager to double check all the measurements and make sure everything goes as planned as well as runs smoothly.

Problem Solving

A slight angle of one of the front bars was discovered, causing a problem when measuring to place the front axle. This error was countered by measuring the distance from the center of the square and marking the side off that dimension to ensure that the tube will lay parallel to the ground.

Floor

All the welds are complete and have been ground down, completing all work concerned with the floor.

Seat

The original seat that was provided to us is quite heavy, so we decided to make our own seat by using two bar that we bent to the same degree as the original seat and will put a piece of aluminum over them, creating a much lighter design.

Axel

We have discovered an error in the measurement of the length, and we are now working on correcting the error by grinding the unwanted material away. As a result, we now have to re-dimension the plates for the steering.



Updated view of the car including floor, front axle, and completed chassis.