



Team SGCC

Team SGCC 6th update Monday 16th—Friday 4th

Tuesday 17th: Creating our body shell at Fiberglass Solutions went well last night. With the great help of Mr. Ken Glowacki, we learned fast and had a great time. We will have our shells tomorrow, so we can start cutting and sanding them.

Wednesday 18th: Our body shells have arrived at Preble. We have finished cutting the excess fiberglass off our front body shell, enabling us to start cutting the back shell tomorrow. Although most of the team was working on the fiberglass shell, we were still able to finish construction on the engine mount.

Friday 20th: Both our front and back body shells are cut but we noticed that we didn't cut close enough to the desired shape. This means we have to spend more time sanding than we want would like. We have mounted the engine and fuel cell into their proper places and also started installation of our steering system.



Branden, George, Zack, Nate, and Kieran are working with the preparation of the body shells.

11/19/09

Monday 23rd—Wednesday 25th: Finishing our body shell is our main priority at this time, but with only two disc sanders, this process is slow and tedious. Because there are only two sanders available, the rest of our team has been split, half began the construction of the front axle, while the other half continued the installation of the steering system.

We hope to make another trip to NWTC in the upcoming weeks so we can cut out our seat. This would enable us to start measuring out the proper distance for our pedals and also our breaks. We also hope to finish up on our body shells; this will let us fit the shells to our car and also acquire the rest of our team to work on another needed feature.

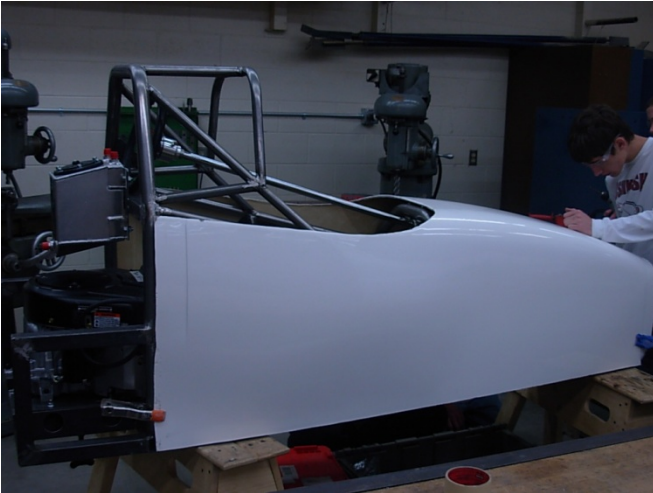


Our chassis with the engine, fuel cell, and our steering wheel installed



Zoomed in view of our steering system

Monday 30th: We have finished sanding both the shells down and are prepared to fit the front body shell onto the chassis. Hopefully the shell will fit so we can move on to other work.



Tuesday 1st: Today we fit the body shell onto the chassis. Unfortunately, the front of the chassis was too wide; this meant spending more time grinding down the front, so the body would have a better fit.

Wednesday 2nd: We started the process of drilling holes into both the bottom shell and the base of the chassis. This will keep the shell tight to the frame, while racing and testing our car.

Thursday 3rd: We have finished inserting the screws into the... which we have also welded to the chassis today. The ... were inserted to for the screws which will be using to hold down our body. We can now remove the shell whenever more work on the front end of the car is needed.

Friday 4th: Today, we have a half day, because the class period is only thirty-five minutes long, we spent the day preparing for next week and taking count on parts we need.

As for our team, we are all quickly learning about the car, what needs to be done, and how to complete the task most efficiently. With NWTC's busy schedule, we are still currently trying to find a date to cut out our seats with the use of their water jet. With our seat, we will then

be able to project where our pedals will be located, along with being able to determine the placement of our steering wheel and seatbelt. Although this does seem to slow down the construction of our car, it also gives us more time to think about the many different possibilities and decisions we are confronted with in this project. This should help us plan ahead and avoid any possible upcoming problems.

We would once again like to take this opportunity to thank all of our sponsors for making this experience a possibility. For us, we are lucky enough to be one of the few high school students presented with this type of educational privilege. Without you, we would not be exposed to this level of hands on education, in the many fields of technology this car shows us. This also shows the value of teamwork, and relying on each other to do what's expected of them to reach the team's full potential in this project. We will give everything we can to finish this car in your good name.

Thanks again,
Team SGCC

