



KEE Design Update 3

2/1/10-2/28/10

Overall, February has been a very productive month.

Devon and Nick worked together to get the wheels onto the hubs. The first task was to get the valve stems in. We had difficulty trying to get them in, so we headed down to Weaver Auto Parts to see if they had any smaller ones. They said that those were the smallest ones and suggested that we heated them up first. After heating the valve stems, we were able to pull them into their correct spots easily. Once we got the valves in, we used the machine in the auto shop to help us get the wheels on the hubs. Finally, we placed some air into the wheels and they were good to go. We were not able to get the front wheels on the hubs because they were too small, so we brought them down to Village Mobil who kindly placed them on for us.



Nick clamping the hub in place



Soaping the edges of the wheel



Placing the wheel on the hub



Devon helping get it on



Placing air into the tire

We had a little scare mid-February when one of the team members accidentally dropped the motor while trying to transport it causing a piece to chip off of the bottom. Luckily, we were able to get it fixed by Endres Manufacturing.



On February 25th, KEE Design traveled up to Preble High School located in Green Bay, Wisconsin, to do some work on the car. As soon as we got there we began to work. Devon and Nick worked on the front suspension as well as the rear axle. Randy and Cole worked on getting the upper and lower ball joints ready to place on the front axle. Mitch and Luke worked on mounting the body to the chassis. It was a full day of working hard on the car. All was going well, but we ran into a little problem half way through the day. We discovered that our chassis was too long, so we had to cut it to make it a legal length. After we got that fixed, we finished our steering system and mounting the body. By the end of the day, we had a chassis on wheels. KEE Design would like to send a special thanks to Mr. Meyer and all the students at Preble High School that helped us out.



Front suspension



Luke, Nick, and Mitch working on the rear axle



Randy working on the ball-joints



Rear axle



Everyone working on the body

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