

TEAM PDQ CAR WASH



From left to right: Colin Nelson (Senior), Chad Prevost (Junior), Connor Tassoul (Junior), James DeTemple (Junior), Brandon Gunderson (Junior), John Prochniak (Junior).

Our team would like to thank our sponsors at PDQ Car Wash and Briggs & Stratton.

Since this is our first website update we would like to give a summary of our engineering experience prior to taking this course:

- Colin Nelson: This is his second year taking Engineering Design and Development. He has also previously taken Introduction to Engineering and Design. He and Connor will be welding the formula car.
- Chad Prevost: Previously he has taken Introduction to Engineering and Design and Advanced Engineering and Design.
- Connor Tassoul: Previously he has taken Introduction to Engineering and Design and Advanced Engineering and Design. He and Colin will also be welding the formula car.
- James DeTemple: Previously he has taken Introduction to Engineering and Design and Advanced Engineering and Design. Last year he designed a rock crawler, so he has extensive knowledge on how cars work.
- Brandon Gunderson: Previously he has taken Introduction to Engineering and Design and Advanced Engineering and Design.
- John Prochniak: He has previously taken Introduction to Engineering and Design.

Team PDQ Hour 6
Project Intro/Update
September 7, 2009

This week and next week what we will be working on is, drawing and modifying the frame for our car. While this is going on we will be designing the engine, the brake and gas pedals, and fitting and adjusting bearings and bearing plates. If parts get completed before the scheduled time we will assign new parts to build on Autodesk off our parts list and we will update our progress on our website regularly. We are also modifying our vertical shaft engine, because prior to our use they were used for generators. This means they run at one speed, and what we are doing is adding a throttle in order to give it adjustable speeds. Colin and Connor are also beginning to practice welding, so when the steel arrives they can begin to work on building the frame.



This is the frame work of our car so far. It has the front axle mounted, the floor on, and in the back we have part of the engine mounts. We are also very close to finishing the pedals and bearings for the axle.