Obstacles

- Finding Part Dimensions
- Obtain server space and creating a presentable website in a limited amount of time
- Have not been able to create a relationship with Ford Plant in Chicago

Conclusion

- Web and Social Media presences have been established
- Developed a sample chassis for the universal car project

Future Intent

- Visit Automotive Factories and Engineers
- Find and work with an automotive company to finalize a design and pre-fabricate a chassis
- Create a richer web interface to bring more traffic and interest from prospective supporters
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Problem:
An attempt to utilize the web to design and specify a “universal” platform upon which a wide range of functional vehicles can be design for developing countries

Objectives:
• Create a Standards organization that will take our advice to be able to build a universal chassis
• Solicit contributors within and outside the automotive industry and would want to develop this

Methodology:
• Engineering Team - Research Automotive Designs, Design 2 chassis

Out reaching through Technology

- Website
  - Acquire Server Space
  - Create Main Website
  - Create Blog-like Page
  - Create Discussion Boards
Designs of the Universal Components

- Researched the Standard Mounting Points for Engines, Transmissions, and Suspensions

- Researched vehicle dimensions (wheelbase length, overall vehicle length, and vehicle width) and Gross Vehicle Weights

- From data, create 2 chassis types that represent the basic ideas for current chassis construction

  - Universal Ladder Frame Chassis
  - Universal Space Frame Chassis