Concept Presentation Notes

What you did well
• Combined technical with socioeconomic to characterize the problem
• Used physics to elucidate potential areas of improvement

Areas for improvement
• Continue to generate lots of ideas. When you develop each module, explore multiple solutions. Show your ideas in future presentations
• Think about other stakeholders from whom you could get input. Tire manufacturers, pump makers, engine companies, etc.
• Keep your partners in the loop and exchange information
Today: Get to know your product

During class today do the following:

• Imagine you are a customer who just bought this product - what is the experience?
• Take your product out of the box and figure out what it does
• Take the product apart and figure out how it works. Tools are provided
• Figure out how the product is made
• Consider user-centered, socioeconomic, and technical factors that are relevant to the product
• Amos, Ben, Internet fair game for questions
• Try to characterize the product within the class period
Product Teardown!!!

Monday: Quals-style presentations!

Team will get 15min to explain some or all of the following:

• What does your product do?
• How does it work and what are the relevant physics?
• How is it made?
• What is the user experience, both during purchase (look at box) and during use?
• What design changes could you make to improve the user experience?
• What design changes could you make to improve performance?
• What design changes could you make to reduce cost?