

# Shell ECO-MARATHON<sup>®</sup> AMERICAS

## TEAM FACT SHEET



### **Grand Rapids Tech**

Country: United States  
Design Class: Prototype  
Fuel Type: Gasoline (Petrol)  
Team Name: G-Rock  
Vehicle Name: Fastest Indian

### **Team Members:**

Nick Christenson - Pit crew  
Lucas Fauchald - assistant team leader  
Matt Sjostrand - Team Leader  
Andrew Hussman - Pit Crew  
Tyler Lane - Pit Crew  
Ashley Bredemus - Driver  
Hillary Legler - Driver  
James Hauff - Pit Crew  
Alex Cone - Safety Zar  
Dan Bredemus - Advisor



## **Award Submission(s):**

### **Safety**

One of the main goals of our car was to make it more driver friendly and easy to drive. We think this makes the car much safer. We will have foot pedals for brakes and throttle. A steering wheel so it act more like a real car. The radio and starter are activated by buttons on the steering wheel. Even the chain guards are carbon fiber. We have a Safety Zar on our team. Alex is in charge of safety. He makes sure we ware our safety classes, gloves and other safety equipment as does our instructor. We think we will have the safest program at the Eco Marathon.

### **Design**

Our team has used 3D modeling for all parts of our car. We have fabricated the vast majority our our parts out of carbon fiber to reduce weight. We have a very simple drive train, incorporated aKerman steering, carbon foot pedals and an aro dynamic shape for the body. We have been busy building a mold to form our carbon body.

