

Shell ECO-MARATHON[®] 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.

