







For 27 continuous years, Michigan SAE Baja Racing has competed in national competitions that challenge student teams to design, build, and race a single-seat off-road vehicle. All class levels are represented, from freshmen to graduate students. Participating on such a team helps students develop valuable real-world skills such as time and project management, communication, teamwork, and practical engineering. These skills give them a competitive advantage when entering the workforce.

THE 2016 CAR: MBR-27

Frame:

4130 Chromoly steel tube roll cage

Brakes:

Custom rotors Front: Custom calipers Rear: Wilwood

Suspension:

PS1 caliper

Front: Dual A-arm, custom corner assemblies
Rear: Trailing Link with single camber link per side

Panels:

Custom carbon fiber layups

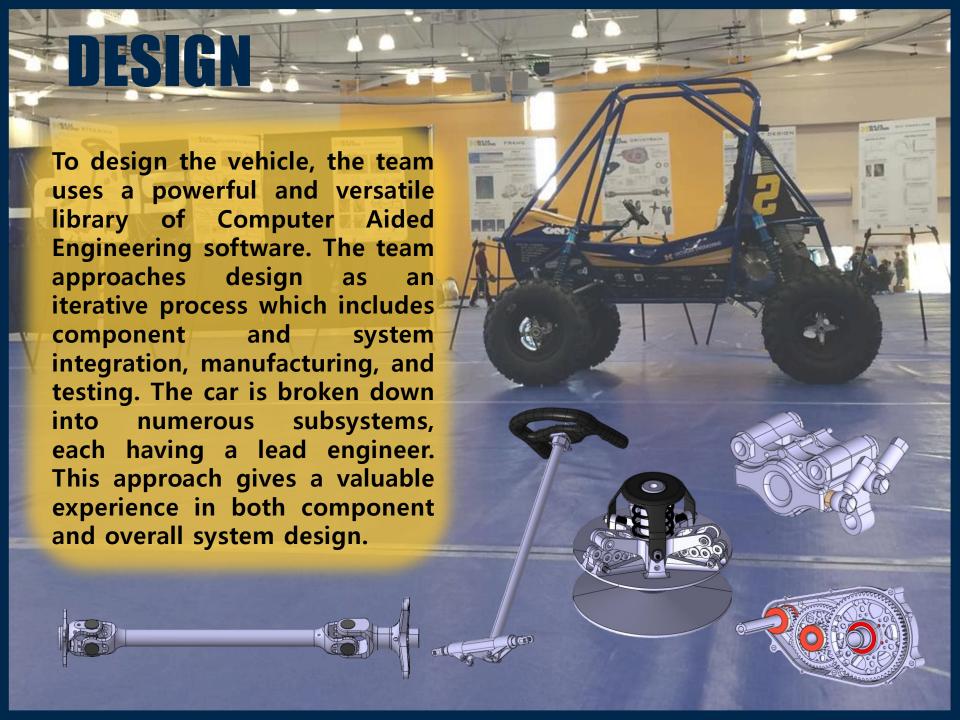
Engine:

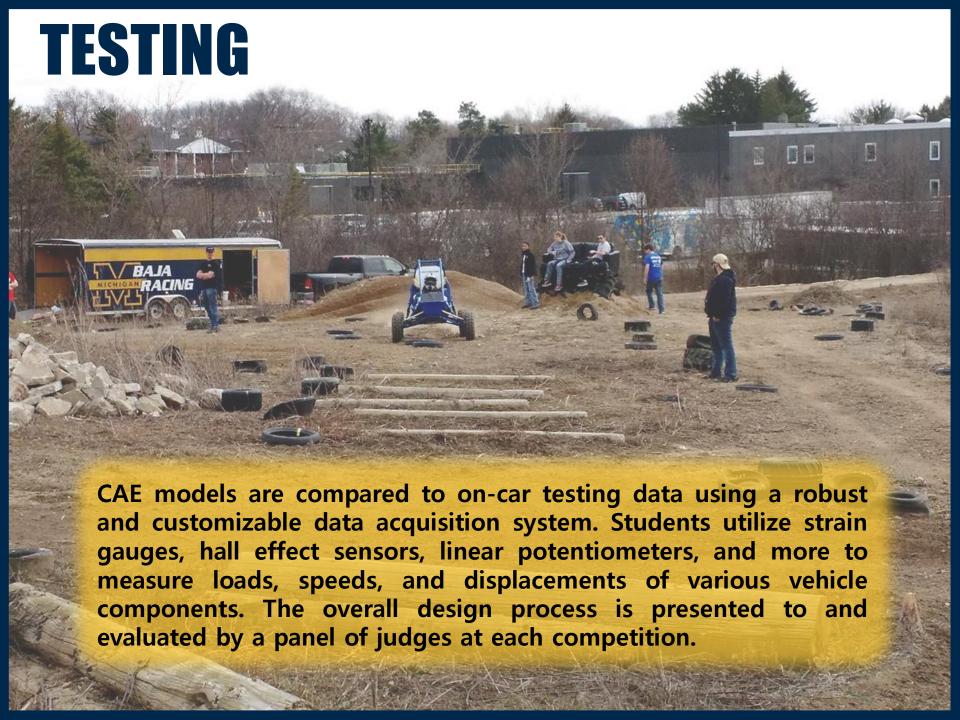
Briggs & Stratton Intek Model 20

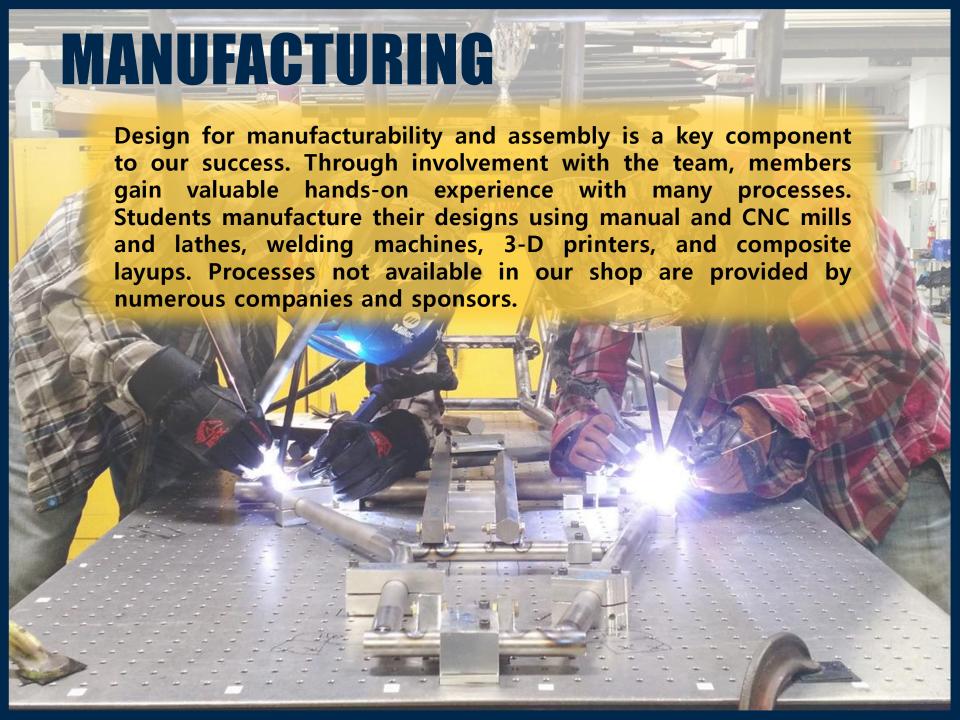
Drivetrain:

Entirely custom continuously variable transmission, single-speed gearbox, & axially-stressed driveshaft



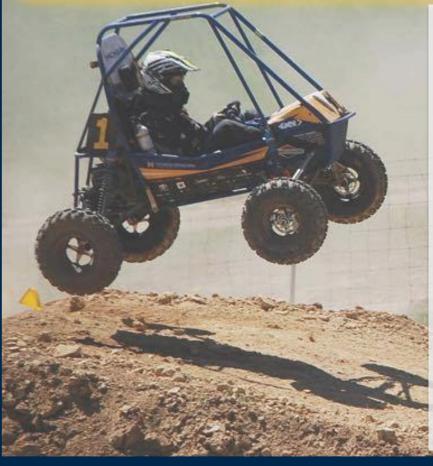






COMPETITIONS

Every year the team travels to all three North American competitions located across the country. The 2016 events were held in Cookeville, TN; Gorman, CA; and Rochester, NY. Universities from across the U.S. and around the world compete in the grueling three day competition. Competitions provide the opportunity to compare our design with this diverse field of competitors.



- **Day 0** Briggs & Stratton engine inspection, sales presentation
- **Day 1** Static Day: technical inspection, brake check, design review with industry professionals, cost audit
- Day 2 Dynamic Day: acceleration, maneuverability, suspension & traction or rock crawl, hill climb or sled pull
- Day 3 Endurance Day: a grueling four hour wheel-to-wheel race with up to one hundred vehicles

RESULTS

1st Place

Mike Schmidt Memorial Award

Acknowledging the team with the highest cumulative score from all three North American competitions

Rochester, NY

June 9-12

1st Overall

1st Acceleration

1st Hill Climb

1st Design

1st Endurance

2nd Cost

3rd Maneuverability

3rd Sales

Gorman, CA May 19-22

- 1st Overall
- 1st Acceleration
- 1st Hill Climb
- 1st Design
- 1st Maneuverability
- 1st Cost
- 2nd Endurance
- 3rd Sales

Cookeville, TN

April 14-17

4th Overall

1st Acceleration

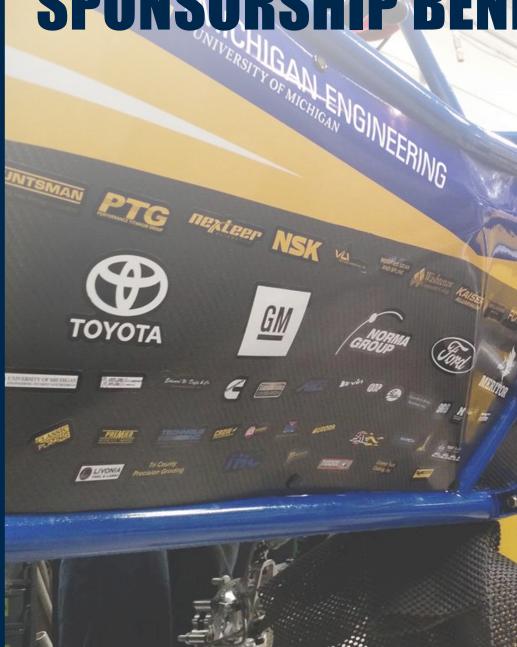
1st Design

2nd Maneuverability

2nd Cost

3rd Sales

SPONSORSHIP BENEFITS



Interaction with the Engineers and Leaders of Tomorrow

Michigan Baja Racing challenges our members to go beyond the classroom by thinking creatively and developing time management, communication, and leadership skills. This gives Michigan Baja Racing members a valuable experience that prepares them for work at industry-leading companies. Supporting Michigan Baja Racing provides sponsors with a unique opportunity to not only foster the development of tomorrow's engineers but also recruit them for future employment.

Sponsor Publicity

Michigan Baja Racing proudly recognizes our sponsors with a logo on our car as well as a logo and link on our web page. Please see the table on the next page for further details.

Team Appreciation

All sponsors receive a team photo and video recap of the race season as a thank-you for their support.

Tax Deductions

Michigan Baja Racing is a non-profit organization; therefore, all donations are acknowledged as contributions to the University of Michigan and will be credited to the sponsor's cumulative giving total.



IIR SPONSU







































































Temp-Rite Steel Treating























HUNTSMAN

All team sponsors receive a website link, logo on the vehicle, team photo, and season recap video

Level	Diamond	Platinum	Gold	Silver	Bronze
	(\$10000+)	(\$9999-\$5000)	(\$4999-\$2500)	(\$2499-\$1000)	(\$999-\$250)
Appreciation	Platinum + company banner displayed at competition, detailed company description on website	Gold + extra large website and vehicle logos, team Resume Book.	Large website and vehicle logos	Medium website and vehicle logos	Website link, vehicle logo