SPONSOR INFORMATION
Spartan Racing is the student Chapter of SAE International at San Jose State University. Spartan Racing is proud to hold a world ranking of 42nd out of 540 International Universities, 9th in the USA, and 1st in California, a status we have worked incredibly hard to achieve over the team's 10 year history.

We design a new car every year with the team wide goal of continued excellence at competition. We utilize the latest computer design and analysis software, innovative manufacturing and fabrication processes, and in house developed testing, and validation methods.

After our car has been built, we take the time to develop our automotive engineering and tuning skills to prepare our car for competition.

**Spartan Racing Strives to:**
- Build ties between the SJSU COE and companies in the Silicon Valley
- Enrich engineering education by:
  A. Providing practical supplements to theoretical coursework.
  B. Broadening the learning experience by covering a wide range of engineering material
  C. Generating internship and job opportunities for students via team sponsorship and networking.

RIGHT REAR WHEEL PACKAGE ASSEMBLY

<table>
<thead>
<tr>
<th>SJSU</th>
<th>SAN JOSE STATE UNIVERSITY</th>
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<tr>
<td>DRAWN:</td>
<td>R. SHARP</td>
</tr>
<tr>
<td>DATE:</td>
<td>2/26/16</td>
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<td>CAR #:</td>
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<tr>
<td>MODEL NO:</td>
<td>OB-00-MASRB</td>
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<tr>
<td>TITLE:</td>
<td>SR-8 VEHICLE ASSEMBLY</td>
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<td>WEIGHT:</td>
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<td>REVISION:</td>
<td>21</td>
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<tr>
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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES

DIMENSIONAL TOLERANCES: ±0.125

ANGULAR TOLERANCES: ±10 DEG

SWP: ±0.030

BG: ±1.5 DEG

BREAK ALLOWANCE: 0.035

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Spartan Racing is embarking upon our ninth consecutive year of competition in the Formula SAE Collegiate Design series. Since our establishment in 2008 we have consistently improved our technical skills to both elevate the team’s knowledge and skills, as well as develop a better performing vehicle. Our team is currently comprised of over 40 members from various engineering and business related majors. During last year’s SR-9 (2016-17) season, Spartan Racing continued to push our performance at competition.

SR-10 for 2018 will be designed based upon the success and failures of its predecessors. By focusing on these factors, we assess that SR-10 will be the most advanced car built by the Spartan Racing Collegiate Formula SAE team. It will incorporate:

- Aerodynamic wing package
- E85 fueling system
- Electro-pneumatic shifting system
- Custom paint and livery design

In conjunction with vehicle performance, the team is also focusing upon management, documentation, and membership advancement. By putting standardized procedures in place, the team can be more efficient as well as mold students to become more prepared for their future careers. The team is also continuing to implement our “internship program” which allows new team members to more fluidly integrate with the team; this allows them to become significant members of the team and also create a strong base for their professional career. Supplementary to internal management, an energetic public relations campaign has been in action over the last several years. This effort has been boosted by the support of local businesses, SJSU alumni, and SJSU College of Engineering & Mechanical Engineering departments. As a result, our public exposure has multiplied through an increased presence with:

- Professional Organizations and Businesses in the Silicon Valley
- Print and Televised news
- Community events
- SJSU Campus Events
- Social Media Including Facebook, YouTube, Twitter and Instagram
Due to the nature of the competition, the cost of our Formula SAE car quickly adds up to a price of over $100,000! As a 501(C)(3) non-profit organization, we rely heavily on support from sponsors. In addition to monetary donations, we also encourage sponsorship of materials and services that our vehicle requires.

By donating to the Spartan Racing team our sponsors receive a unique opportunity to connect some of SJSU’s most talented individuals. Contacts made through the competition often extend past the program. Your involvement with our team leads to less time invested in looking for employees and more time focusing upon growing your business.

Sponsors will also have their company logos placed on the race vehicle and team apparel. This leads to company exposure whenever the vehicle is at outreach, race, and corporate events. Spartan Racing is a community that helps to promote your own business, while also giving students the opportunity to excel. All donations made are tax deductible under our 501c(3) organization.

***The below budget does not include travel for the 25 students that attend each competition. Travel funds total $20,000-$30,000 for the team. This includes airfare, hotel, passenger rental cars, and food. Each members’ travel is currently covered by the individual.

### Income by Category

- In-Kind Donations
- Individual & Business Donations
- Fundraising Events
- SJSU Contributions
- Fritz Money
- Team Fees
- Misc

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<tr>
<th>Manufacturing Total</th>
<th>$78,583.00</th>
<th>Operations Total</th>
<th>$19,320</th>
<th>Competition Total</th>
<th>$16,738.00</th>
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<tr>
<td>Carbon Fiber &amp; Resin</td>
<td>$5,800.00</td>
<td>Tires</td>
<td>$5,200</td>
<td>FSAE Michigan Registration</td>
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<td>Layup Tooling &amp; Molds</td>
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<td>Promotional Items</td>
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<td>FSAE - Lincoln Registration</td>
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<td>Frame &amp; Safety Component</td>
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<td>Paint &amp; Vinyl Wrap</td>
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<td>Driver's Training</td>
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<td>Local Truck Rental / Fuel</td>
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<td>Brake System</td>
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<td>Fluids &amp; Chemicals</td>
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<td>Outboard Suspension</td>
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Title Sponsors $15,000+
• Platinum package benefits, plus:
• Upgrade to multiple large logos in the most prominent locations
• Company name mentioned in press releases, newsletters and interviews
• Personal sponsor drive day
• Vehicle available for display at company’s place of business & private events
• Up to 8 tickets to Spartan Racing’s Annual Celebration

Platinum Package $5,000
• Gold package benefits, plus:
• Upgrade to largest logo in a more prominent location
• Up to 6 tickets to Spartan Racing’s Annual Celebration

Gold Package $2,500
• Silver package benefits, plus:
• Upgrade to large logo in a more prominent location
• Your logo displayed at all events
• Up to 4 tickets to Spartan Racing’s Annual Celebration

Silver Package $1,000
• Bronze package benefits, plus:
• Upgrade to medium logo on vehicle
• Logo featured on team t-shirt
• Plaque with team photo
• 2 tickets to Spartan Racing’s Annual Celebration

Bronze Package $500
• Small company logo on vehicle
• Company logo (hyper-linked) on FSAE team website
• Team photo
• One ticket to Spartan Racing’s Annual Celebration
“Students that are involved in team projects are much more successful and sought after by industry than students who do not have the advantages of teamwork, professional development and the hands-on skills developed by the competition.”

- Dr. Robert Woods
  Professor; University of Texas at Arlington

“One exposure/access point for SpaceX that is outside of the top schools is the FSAE competition in Michigan each year. FSAE draws teams from many different schools, and the teams basically design and build a race car from scratch. It’s an amazing event; and SpaceX uses the event to pick up some of the best gear-heads in the country.”

- Dolly Singh
  Former Head of Talent Acquisition, SpaceX

“One of the keys to their success and ours at Mike Maier, Inc. is the SAE program. We in the industry all agree that the hands-on experience gets young engineers up to speed much faster. This is a key component for a company on the move. Formula SAE is a must for us when looking for new talent.”

- Mike Maier
  Owner; Mike Maier Inc.

“As an FSAE alumni I’m very familiar with the learning and experience that comes from participating in a top ranking FSAE program such as the Spartan Racing team at SJSU. I always look to FSAE grads for my new hire positions because of their ability to design and hit the ground running. I’ve hired four of them and know of several others internally, and every one of them has been an absolutely stellar hire. Contributing to and participating in the FSAE program has given us direct access to the best new Mechanical Engineering talent as they enter the workforce.”

- Paul Doyle
  Mechanical Engineering Manager
  KLA-Tencor

“What I find most appealing about Formula Student is the innovation that it encourages, as the competition rules give the entrants a lot of design freedom. This results in many different solutions to the same issues... Having worked my way up, I appreciate that to develop a good grounding in engineering, practical experience is essential. Formula Student combines hands-on practical applications with students’ academic studies, but also gives experience in vital skills such as budgeting, project management and teamwork. Whether the competitors go into motorsports or a different sector of engineering...Formula Student will help towards their future success.”

- Ross Brawn
  Former Team Principal
  Mercedes AMG Petronas F1 Team
2017 SPONSORS

THANK YOU FOR YOUR SUPPORT!

J.B. MANUFACTURING | A-1 PARTY RENTALS | ALTA MANUFACTURING | OPTIMIZED EDM | HMS
MOTORSPORT | ASSEMBLY SYSTEMS | DESTINY TOOL | MATLAB | PACIFIC HEAT TREAT | RELIANCE
STEEL & ALUMINUM | SAE MID-CAL | DESTINY TOOL | SHORAI BATTERIES | SCHROTH | TENCATE
M & M GRINDING | SILICON SENSING | SUNOL SUPER STOP | AMEX | CALMAX TECHNOLOGY