



# MacLean-Fogg

COMPONENT SOLUTIONS

## Welcome to the MacLean-Fogg Fastening Challenge!

MacLean-Fogg Component Solutions is a leading supplier of Fasteners, Engineered Components, and Linkage & Suspension products serving many diverse industries. As a worldwide leader in fastening products, MFCS specializes in assisting customers in finding the most efficient solutions to their most unique fastening challenges. Because of that, we're interested in hearing about your fastening challenges and how you were able to solve them during the Formula SAE Michigan competition.

### Requirements

For this competition, we would like you to present the following:

- A summary of a specific challenge your team encountered with a fastened component on your competition vehicle (i.e. any bolted joint, wheel fasteners, exhaust fasteners, engine fasteners, suspension fasteners, etc).
- Explain how engineering tools and skills were used to identify the challenge or problem with a fastened component.
- Explain how engineering tools and skills were used to solve the challenge or problem with a fastened component.
- What you learned about fastener related engineering during your design, build, and testing.
- Explain how what you've learned might be applied to the Automotive Industry as a whole.

### Inclusions

You have creative freedom to present this information however you choose (PowerPoint presentation, video, etc.). Please include the following with your submission:

- Team Name
- University being represented
- Team Captain
- Team Members
- Contact person's e-mail and phone number

All applications are due by May 6, 2015. The winning team will be announced at the awards ceremony and a check valued at \$1,000 will be mailed to the team shortly after the event.

We are here to help you! If you have any questions or need assistance with your fastening challenge, please feel free to e-mail us at [FormulaSAE@macleanfogg.com](mailto:FormulaSAE@macleanfogg.com).

### Good Luck!

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