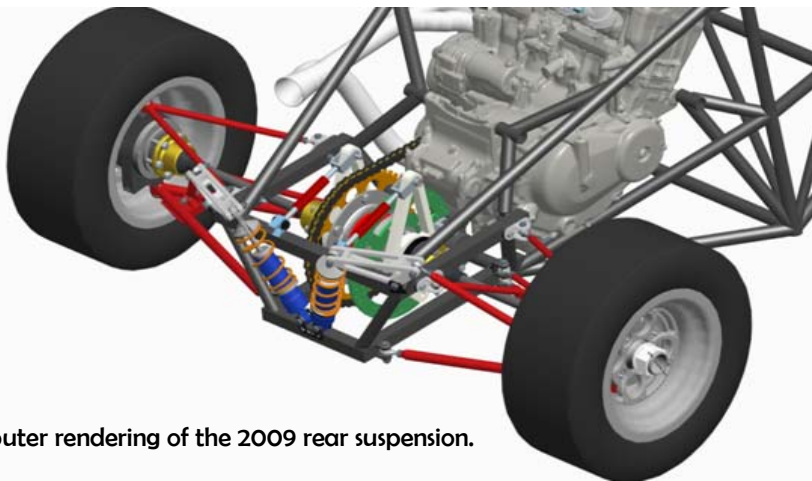




Smoother Ride For 2009

After four grueling months, a team comprised of Dustin Birch, Mike Plooy, Justin Noble and Erin Brown, has finally completed their capstone design project. Their goal was to redesign the Formula Team's rear suspension in hopes of saving weight, re-

ducing costs, and improving performance. The team was able to achieve all their goals including a weight savings of 4 kg, a cost reduction of \$600, and improved roll center migration both vertically and laterally. We look forward to seeing our 2009 suspension.



Computer rendering of the 2009 rear suspension.

Christmas for Formula

The Christmas season is upon us and we at Formula SAE have noticed the abundance of parcels appearing beneath our Christmas tree. With fabrication underway, new parts, including an engine and chassis tubes, are arriving daily bringing our car just one step closer to completion.



A collection of parts for the 2008 car.

Marl Technologies Cuts Formula One Classy Chassis

Formula SAE would like to thank Marl Technologies for their continuing support of our team. For the 2008 season, Marl Technologies has supplied Formula with

milled cromoly tubes used in constructing our chassis as well as jig pieces used in assembly. Marl Technologies has been a proud sponsor of Formula SAE since 2006.



Freshly Cut Chassis Tubes from Marl Technologies

New Engine Dynamometer Setup to Aid in Engine Tune

After faithfully serving Formula SAE since 2002, we have decided to retire our current engine testing set up for a

new, more user friendly system. Our new system includes a flywheel to aid in tuning transient response and allows

for the whole setup to be operated from a quieter, separate room.

<http://www.ualberta.ca/~formula>

Email: formula@ualberta.ca
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Partnership Enquiries:
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Formula SAE would like to thank the following sponsors for their support of our 2008 project:



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Schaeffler Canada Inc.



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