



## Fabrication Update

**M**arch has been the busiest month for Formula SAE yet with April looking like it will be even busier. With the Cost Report due April 1, the design report due April 15 and a goal of having a running car by April 30th, everyone is running a bit short on sleep and spare time.

In recent weeks, our chassis was taken to R&R Stress Relieving and the chassis will be powder coated (painted) at The Powdermill. Shortly thereafter, all remain-

ing systems will be installed in the car.

Engine tuning is underway on our dynamometer. Our goal is to produce 84 Hp and 43 lb-ft torque; a 5% gain in both stats over last year.

Composites work has been started and a completed body will hopefully be pulled from its mold by April 15th. Two seat molds have been constructed this year to allow for a large range of drivers to fit in the car. The seats should be finished by April 10th.



One half of the body mold during preparation process. Mold kindly provided by Art Attack.

## Cost Analysis of Car Completed

Approximately 1/3 of the points distributed at the Formula SAE West competition come from so called "Static Events". These events include a design competition, a cost competition and a marketing presentation. The Cost Report is to be prepared in advance and should outline the predicted cost of each team's car should it be mass produced. The report is worth approximately 10% of the competition. The predicted production cost of our 2008 car is \$12,387.67 US. This cost is significantly lower than last year's cost of \$13,328.04. We believe that the lower cost of our car should vault us into the top 15 in this event.

## Art Attack Makes Body Mold for Formula SAE

Art Attack FX, an Edmonton owned and operated company, has once again formed a partnership with Formula SAE. Using their large CNC Styrofoam mills, a mold for the 2008 car's body was produced. The mold makes it

possible to produce the body of the car in under 75 hours. Art Attack manufactures custom themed pieces for attractions ranging from theme parks to miniature golf to bowling alleys and restaurants.



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