

# Apex

The Warwick Formula Student 2006/7 Newsletter Issue 4 Feb 2007  
[www.formulastudent.warwick.ac.uk](http://www.formulastudent.warwick.ac.uk)

Four weeks into the second term and I am delighted to report that the team has made significant progress on all fronts. On the 26th of January we conducted and passed our second stage gate review and currently more than 90% of our designs have been released for manufacture with an aim of having a full rolling chassis by the 1st of March. The team have also built strong community links after we gave a workshop and lecture to secondary pupils at a local school.

A big thank you should go to Pete Meesum, Roger Bull and their technical teams as well as all our sponsors for providing the resources that have enabled us to achieve our current progress.

A happy valentines to all Apex readers!

*Walter Miseleni, Project Manager*

## Chassis Build Complete

The team are very happy to have finished the manufacture of what will form the core of the W6 car. The fully welded chassis has now been handed over to the powertrain department to allow core engine components, such as the exhaust system, to be custom sized to suit the car.

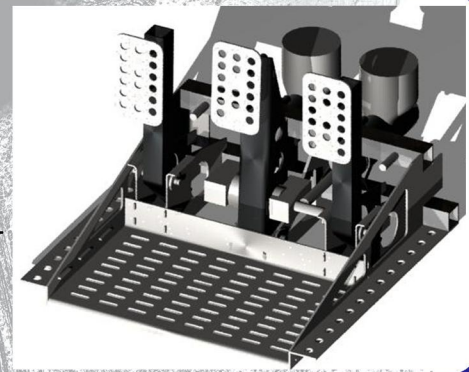


## Design Focus

**Component:** Pedal Box

**Function:** Primary Driver Controls with clutch, break and accelerator

**Description:** The pedal box is an essential component of the car that is required to be lightweight yet at the same time to be capable of withstanding the large forces applied whilst breaking. The interaction between the driver to the pedals to the engine must be as smooth as possible to enable precise driving. The image to the right shows the final revision of our in house design.



## Test Program Begins

The team has started an official development program in preparation for the Formula Student event in July at Silverstone. With a shortlist of drivers now selected for the event testing will focus on dynamic handling and car setup. Video from a recent test day can be found at [www.formulastudent.warwick.ac.uk](http://www.formulastudent.warwick.ac.uk).



*The W5 car on a recent test day to Bruntingthorpe proving grounds.*

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