

## *Fabrication at Full Force*

With two months before the annual Formula SAE Competition in Michigan, the UNH Precision Racing team is spending countless hours in the shop preparing Car 36 for competition. The semester so far has been productive, and the team is maintaining its goal of beginning track testing of the car in early April. With design work complete, the team is concentrating their efforts on fabrication and assembly of the car. The engine subgroup made great progress when the engine was fully assembled and run on the test stand for the first time. The engine test was also the first opportunity to utilize the engine control software developed by the team. When development is

The buck used for construction of the body is nearing completion, formed and shaped out of marine foam by team members armed with electric carving knives. Team



*Frame/Body Buck Comparison*

sponsor Active Shock has provided their facilities for the testing of shock absorbers and the energy-absorbing impact attenuators intended to lessen the severity of a head-on impact to the car and the driver inside. But as the team checks off many of the larger development goals, a myriad of detail-oriented tasks remain. As winter turns to spring and the competition creeps closer, UNH Precision Racing is looking forward for the snow to melt and for car 36 to take the track for the first time.



*Trigger Wheel Mounted to Cam Shaft*

complete, the full electronic suite will include traction control and wireless data acquisition. The past month has seen a flurry of activity in every subgroup. With the continuation of fabricating each element of the car and mounting them to the frame, the team is making progress in all areas.

# Fabrication and Assembly Progress

