

WOLFPACK

MOTORSPORTS

BAJA 82

This car was built to compete in SAE Baja competitions during the 2009-2010 school year. The first competition in which the car competed was sponsored by Clemson University and was held on their ICAR campus in May of 2010. During this competition the car was subjected to four dynamic events: acceleration, tractor pull, maneuverability, suspension and traction. The final test of the vehicle in all competitions is a four hour endurance race; the team took 17th in the endurance race. This score combined with the scores of other events resulted in an overall 18th place finish out of 120 entrants.

The second competition in which the 82 car competed was sponsored by Western Washington University and was held on a motocross track in Lynden, Washington. During this competition the team was able to secure a 5th place finish in the endurance race, as well as 7th in the hill climb event and 8th in the acceleration event. With these scores accompanied with scores from all other events an overall finish of 10th place out of 120 entrants was achieved. This marks our best finish in nearly 10 years.

Design: This car was designed and built in Wolfpack Motorsports' shop by the team fully comprised of students. This car incorporated a brand new frame design with an extended foot box and specially designed suspended seat to help with driver comfort. Power comes from a 10hp Briggs and Stratton engine, as required by the rules, and is channeled through a Gage CVT into a custom planetary to chain drive transmission.