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\*\*Editor's note: For those interested in more visuals or a walk-through of the program should contact Erin Meyer at [erin.meyer@optimumg.com](mailto:erin.meyer@optimumg.com) or (303) 752-1562.

**KINEMATICS SOFTWARE SPECIFICALLY DESIGNED FOR NASCAR  
OptimumK – NASCAR Edition is now available in time for the 2010 season**

Designing and setting up a car is hard work. Kinematics software shouldn't be. OptimumK – computer aided suspension design and analysis – was developed in 2008 and has already been used and implemented by racing teams in the Formula One, American Le Mans/Le Mans, Dakar, IRL and Touring Car series. Now outfitted for the specific rules and regulations of NASCAR, teams can use OptimumK to design and set-up their vehicles faster and smarter.

Throughout the season, NASCAR teams may change their set-up for each specific track they race on. Each small change can make a big difference on the track. In OptimumK - NASCAR Edition the suspension system is defined by individual parts, which allows teams to change a single part and analyze the effects on suspension kinematics to determine the perfect set-up for race day. The software program also features:

- **Intuitive user-friendly layout** that is split into three sections – design, motion and analysis – and enables you to work faster and smarter. OptimumK allows users to create a part library and easily switch out components of unique geometry, and change Slugs and Shims for quick set-up changes.
- **Flexibility** by allowing users:
  - to choose any input and output coordinate systems,
  - select symmetric or asymmetric suspension point input,
  - have the option to roll and pitch the chassis around a moving, fixed or custom-designed rotation axis, and
  - specify simultaneous steering, heave, pitch and roll motions.
- **Quality 3-D graphic display** that allows for easy visualization of the design.
- **Accuracy** with over 400 data channels which can be plotted against each other or tabulated in a report. Users can overlay and compare results from multiple design iterations in graphs and report tables. OptimumK has also been successfully tested against the leading CAD software packages.
- **Direct application to car design and setup** to help win races.

On the market for \$2,745, OptimumK – NASCAR Edition is the fastest and most comprehensive kinematics software program on the market, and can save a team time and money in the long run. For more information about the software program or to request a free trial, visit [www.optimumg.com](http://www.optimumg.com) or call (303) 752-1562.

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