



***Industry First!***  
***Pro Comp passes NHTSA and  
Federal Motor Vehicle Safety Standards***

Pro Comp Tires, Wheels and Suspension is proud to announce it's the first aftermarket suspension manufacturer to test and successfully pass Federal Motor Vehicle Safety Standard Test 126. The purpose of the test was to confirm that specific Pro Comp engineered products comply with Electronic Stability Control (ESC) Standard as described by the National Highway Traffic Safety Administration (NHTSA).

For each test, the vehicle performs maneuvers at various steering wheel angles. Because the test is so extreme, a robotic steering wheel controller is used. While driving at 50 mph, the robotic steering wheel, when activated, will rotate the steering wheel up to 300° left and 300° right all under half-a-second.



Suspension System, 35/1250X18 Xtreme A/T's and 18" Alloy Wheels

The vehicle must meet lateral stability and responsiveness performance requirements. The vehicle was also instrumented with a multi-axis inertia sensing system to measure roll, pitch and yaw (photo 1); ultrasonic distance measuring sensors to measure ride height and to calculate vehicle roll angle (photo 2); a radar speed sensor to measure vehicle speed (photo 3), and a data acquisition system was installed to record the test data (photo 4).

In the end, the vehicle performed flawlessly and positions Pro Comp as the only aftermarket lift kit manufacturer that is CERTIFIED under FMVSS 126.

Pro Comp President, Rich Botello stated, "I'm very proud that Pro Comp was the first to step into this arena. It's a great feeling to know our Pro Comp engineers are designing systems that perform while keeping the vehicle occupants safe. This is a testament to our ongoing commitment to quality, engineering, technology advancement and safety".

For additional information, photos and video of this testing contact:  
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***All Systems Go!***

*Picture 1*



*Multi-axis inertia sensing system*

*Picture 2*



*Ultrasonic distance measuring sensor*

*Picture 3*



*Radar speed sensor*

*Picture 4*



*Data acquisition system and robotic steering wheel controller.*



The Pro Comp equipped 2008 Silverado loaded with test equipment and outriggers.



The Pro Comp equipped 2008 Silverado during Electronic Stability Control System testing.