

The Most Beneficial Step To Be Taken In Heavy Vehicle Highway Safety

All conventional heavy vehicles require careful driver steering input to keep them tracking straight enough to prevent the dynamic reaction of up to 75,000 pounds of trailer and cargo weight that reacts adversely to less than perfect on-center straight-ahead steering.

The lack of perfect vehicle stability is caused by the imperfect behavior of the steer wheels of the tow vehicle. Therefore, keeping a heavy vehicle going straight cannot be achieved by simply holding the steering wheel straight.

Unintentional driver over-steer produces greater dynamic directional steering problems, thereby causing a fatigued driver to be under greater stress to make only the repetitive steering corrections necessary without over-steering.

A breakthrough in precision steer wheel control technology has been made that completely solves the excessive driving fatigue problems. The new technology has been thoroughly tested by millions of in-service miles on heavy busses, trucks and large recreational vehicles. Without exception, the drivers who have become familiar with the new technology never want to go back to driving a heavy vehicle without the new technology.

One of the reasons that flying on an airliner is many times safer than driving on the highway is because of the invention of the automatic pilot, that dramatically reduces pilot flying fatigue. Now that we have proven heavy vehicle technology that will make a dramatic reduction in driving fatigue, **this nation cannot, with good conscience, continue to provide heavy commercial vehicles with only a steering wheel and a foot brake to safely control millions of tons of cargo on our nations highways.**

River City Products of San Antonio Texas is the dominant patent holder of Heavy Vehicle Precision Steer Wheel Control Technology

The Amazing Heavy Vehicle Operational Problems That Are Solved By The Precision Steer Wheel Control System

There are two outstanding new systems that are designed to make the highways a safer place to be. They are the electronic stability control system that reduces fatal roll-over accidents, and the second system, The Precision Steer Wheel Control System, that is designed to greatly reduce driving fatigue, thereby reducing driving fatigue related catastrophic heavy vehicle highway accidents.

The Precision Steer Wheel Control System greatly improves heavy vehicles directional stability that assists the driver when going straight, by doing away with tedious driver steering corrections required to keep a heavy vehicle tracking straight and under control, thereby doing away with the major source of heavy vehicle driving fatigue, and related highway accidents.

- **The Precision Steer Wheel Control System achieves an amazing level of steer wheel tire blowout controllability, verified by numerous documented steer wheel blowouts where drivers report easy vehicle controllability, without the steering wheel fight.**
- **The Precision Steer Wheel Control System makes a major improvement in crosswind drivability, by preventing the steer wheels from caster steering downwind, in response to wind gusts.**
- **The Precision Steer Wheel Control System completely eliminates the typical heavy vehicle road wander problem that is responsible for a major amount of driving fatigue.**
- **The Precision Steer Wheel Control System does away with steering wheel pull on crowned or slanted roads, that is caused by steer wheels caster steering to the low side of the road.**
- **The Precision Steer Wheel Control System solves the long standing, puzzling steer wheel premature tire wear problem, saving heavy truck and bus operators a significant amount of operating expense that will pay for the new technology many times over.**

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