

# The Critical Lack Of Heavy Vehicle Directional Stability Is No Longer An Industry Wide Design Oversight

**The long-standing heavy vehicle design oversight has to do with the serious lack of inherent heavy vehicle directional stability.** The SAE Dictionary of Automotive Engineering defines directional stability as “a tendency of a vehicle to remain in a steady state under the influence of destabilizing forces, or to return to that state when momentarily disturbed from it.” By way of clarification, “the vehicle would return to a steady state without requiring corrective steering input from the vehicle driver”. **All current production heavy vehicles are lacking in directional stability and require an inordinate amount of tedious driver steering corrections to maintain directional vehicle control, resulting in an excessive amount of driving fatigue.** Many heavy vehicle accidents could have been prevented if there had been a mandatory requirement for heavy vehicle directional stability. The lack of heavy vehicle directional stability has long been accepted

throughout the industry as normal to the way heavy vehicles are expected to drive. **The great Albert Einstein said: To explore new possibilities you must focus on old problems from a new angle and be willing to implement ideas that may not be in tune with the conventional way of doing things.**

**The amazing new Precision Steer Wheel Control Technology that completely does away with the lack of heavy vehicle directional stability, also does away with the loss of directional control that happens with steer wheel tire blowouts, thereby preventing another source of highway accidents.** Finally, the most surprising benefit, the new technology does away with the long-standing unstable behavior of the steer wheels thereby completely solving the excessive costly steer wheel tire wear problem, **resulting in an increase of seventy-five thousand miles in steer wheel tire life, which will more than pay for the new technology.**

## The Exclusive Heavy Vehicle Highway Safety Features Achieved By The Howard Directional Stability Technology

**The industry's only verifiable low fatigue drivability system**  
**The industry's only proven steer wheel tire blowout controllability**  
**The industry's only low-fatigue crosswind drivability technology**  
**The industry's only solution to the long-standing billion dollar steer wheel tire wear problem, whereby the welcome savings in operating costs will more than pay for the new technology.**

**The following letters are from some of the growing number of grateful heavy vehicle drivers who know first hand what has been an industry oversight.**