

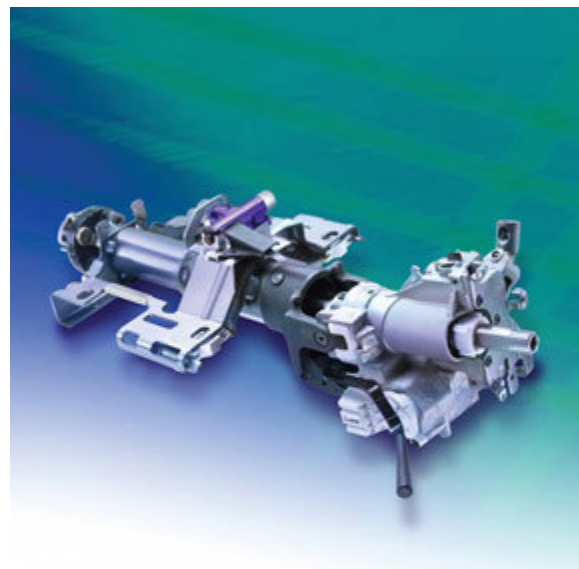
Delphi Active Energy-absorbing Steering Column

► Description

The Delphi Active Energy-absorbing Steering Column uses a pyrotechnic actuator to optimize the energy absorbed during a collision to help better protect the driver. Suitable for cars, sport-utility vehicles, and trucks, it adjusts its energy-absorption level based on various factors selected by the vehicle manufacturer. The actuator activates the mechanism to help absorb various levels of energy based on a range of inputs, including:

- Occupant mass
- Seat belt usage
- Speed
- Crash severity

The Delphi Active Energy-absorbing Steering Column is designed for a wide spectrum of drivers—from the 95th percentile large male through the 5th percentile small female. This range helps vehicle manufacturers meet proposed U.S. Federal Motor Vehicle Safety Standard (FMVSS 208) regulations. The column's potential to help minimize driver injury could also help improve a vehicle's New Car Assessment Program (NCAP) rating for vehicles with four stars or less.



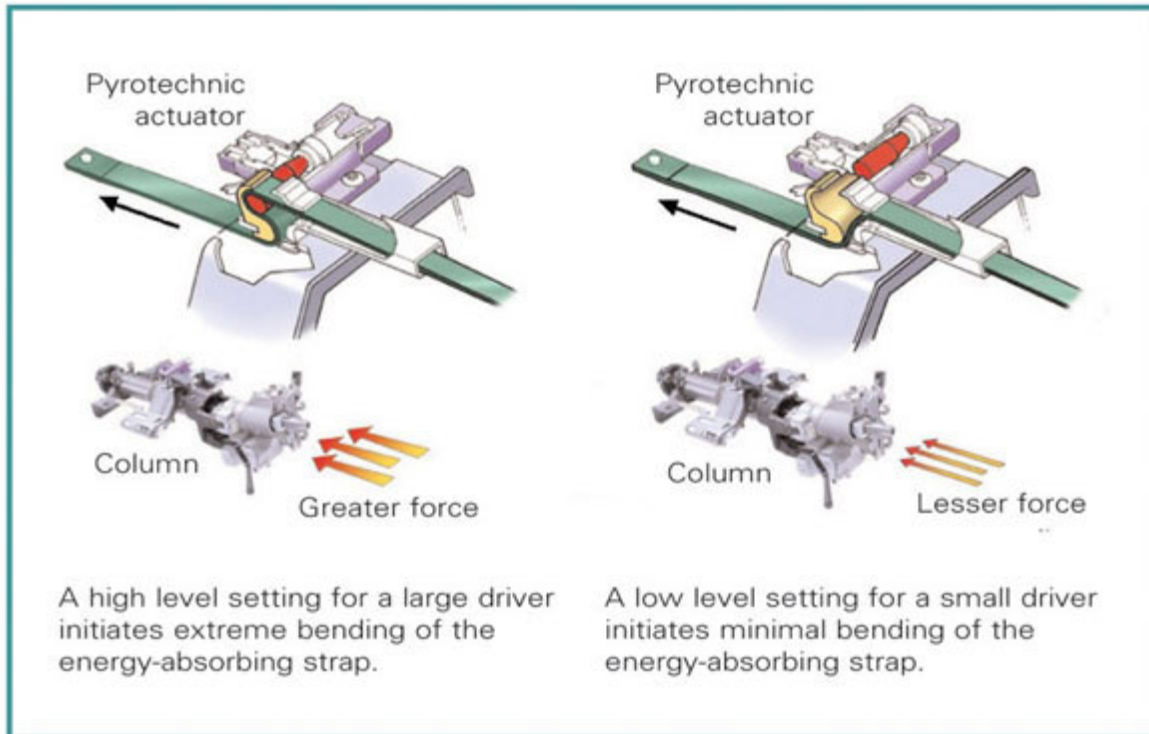
Delphi Active Energy-absorbing Steering Column

► Benefits

- Column energy-absorption load adjusts to various driver positions to enhance occupant safety
- Designed for a wide range of driver weights and sizes to help comply with proposed upgrade of FMVSS 208 and to optimize crashworthiness
- Complements dual-stage airbag to enhance occupant safety systems
- Tunable for vehicle differences and/or enhanced safety system to promote brand enhancement for safety-focused vehicles

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Active Energy-Absorbing Steering Column



The actuator activates the mechanism based on a range of vehicle inputs.