Where transportation goes for innovation

Tenneco is proud to be a leading global designer, developer and manufacturer of dampers for truck cabin suspension, focusing on comfort, safety, customer satisfaction and innovation.

The CVSAe system is a semi-active suspension system that continuously adjusts damping levels according to driver preference and driving conditions to deliver the optimal balance between comfort and handling.

Tenneco’s Cabin Suspension systems include coil spring dampers, air spring dampers and lateral dampers.

Coil Spring over Shock (CSOS) and Air Spring over Shock (ASOS) suspensions differ in terms of the natural frequency of the mass-spring system. Lateral Dampers provide high damping at low piston speeds to keep the swing movements of the cabin under control.

Integrated Height Valve (IHV) is an internal valve within the air spring damper module for cabin leveling which reduces mounting problems and assembly time and cost. The modular solution can be adapted to any customer need and doesn’t require any additional external links or connections.
CABIN DAMPERS
FEATURES & BENEFITS

Conventional dampers & modules
• Complete product range for all applications
• Adjustable spring seats
• Customized coil springs and air springs available

CVSAe
• Full automatic electronically adjusted cabin damping
• Improved comfort
• Driver can select their desired operating mode
• Reduced cabin movement under shifting, braking and cornering
• Cabin behavior governed by MIS system

Integrated Height Valve
• Cabin levelling valve integrated in the air spring
• Plug & Play system
• Less parts for a reduced installation cost
• Limited impact on packaging
PIONEERS IN RIDE PERFORMANCE
At Tenneco, innovation is a hallmark of everything we do. In our advanced ride performance technologies and solutions. In our unique, total-system integration expertise and approach. In our commitment to partnership and collaboration. We’re always looking beyond the technology horizon to foresee and develop the next-generation ride performance solutions that accelerate our customers’ success and keep them moving toward the future.

From development through delivery and beyond – we help our partners drive transportation innovation, full speed ahead.

TENNECO IS EVERYWHERE OUR CUSTOMERS NEED US
Our reach is global, but our focus is local, helping customers in each region adapt our global capabilities and technologies for local applications.

- More than 30,000 employees worldwide
- More than 90 manufacturing facilities
- 15 state-of-the-art research and development centers
- 3 dedicated research and development centers for ride performance engineering

Markets served:
- Commercial vehicle
- Agriculture
- Construction
- Passenger car
- Bus
- Specialty
- Military

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