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.

Tenneco addresses the commercial vehicle market with specifically designed cabin dampers that enable heavy duty functions and requirements such as cabin tilting, while helping both maximize driver comfort and minimizing driver fatigue.

Tenneco’s complete line of cabin dampers can be fitted with different valve technologies depending on the customer’s specifications.

When fitted on cabin dampers, Tenneco’s electronic DRiV™ valve technology offers an affordable adjustable technology with no dedicated electronic control unit (ECU) and an internal valve with the electronics integrated into the damper.

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

DRiV™

- Electronically adjustable cabin dampers
- No dedicated ECU needed
- Reduced cabin motion under shifting, braking or cornering
- Reduced road inputs to steering wheel and driver’s seat

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.

- Nearly 25,000 employees worldwide
- 89 manufacturing facilities
- 14 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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