

LV PRODUCT Portfolio

Suspension & Shock Bushings

Product Description:

The original product line for Clevite. Elastomer & metal bushings for suspension articulation and vibration isolation in vehicles.

Key Value Driver:

Our long history of quality product and in-house elastomer mixing allows us to grow our position in the market.

Top Mounts

Product Description:

A device with an elastomer element designed to enable damper articulation and facilitate attachment to both the vehicle body and damper.

Key Value Driver:

Clevite offers both integration of economical aluminum die castings and steel stamped designs to offer OEMs maximum flexibility.

Hydroelastic™ (Hydraulic) Bushings

Product Description:

Hydroelastic bushings are used where it is desirable to have more damping than normally attainable with an all-elastomeric device, to control input forces or motion.

Key Value Driver:

Clevite has the unique ability to design & fabricate fluid bushings which both solve customer problems and pass vehicle durability requirements.

Spring Eye Bushings

Product Description:

Assembled or mold-bonded to various metal components, depending on the application, specifically designed for Hotchkiss (leaf spring) suspension to facilitate suspension articulation and vibration isolation in vehicles.

Key Value Driver:

Our long history of quality product and in-house elastomer mixing allows us to grow our position in the market. This is supported by innovative designs such as split bar pin assemblies.

Drive Unit Mounts

Product Description:

Mount assemblies for electric vehicles, featuring fully mold-bonded bushings and cast brackets.

Key Value Driver:

Ability to perform system level analysis on EDU mounts to confirm modal shapes. In house development of sub-system.

Suspension Links

Product Description:

Welded & stamped tension/compression links for vehicle suspensions.

Key Value Driver:

Clevite offers customers vertical integration, where we are a single-source supplier for the link and the tuned bushings needed.

Shackle

Product Description:

Designed for Hotchkiss (leaf spring) suspensions, these integrated bushings and bracket allow for both suspension articulation and vibration isolation.

Key Value Driver:

Vertical integration allows for single source manufacturing of the elastomer bushing and welded bracket in one facility.

Hydroelastic™ (Hydraulic) Mounts

Product Description:

A device utilizing both fluid hydraulics and elastomeric viscoelastic properties to minimize transmission of frame-to-body oscillations.

Key Value Driver:

Industry Leading Performance	US Patent 7,584,944
Strong Patent Protection needed.	US Patent 7,922,156
	US Patent 7,637,486

Emission Control (Exhaust) Isolators

Product Description:

Isolating the Exhaust System's mass from the rest of the vehicle to prevent noise and vibration from being transmitted into the vehicle.

Key Value Driver:

Industry Leading Performance	US Patent 6,758,300
& Strong Patent Protection	US Patent 7,510,043
	US Patent 7,644,911

E-Compressor Isolation

Product Description:

Isolating the compressor's mass from the rest of the vehicle to prevent noise and vibration from being transmitted into the vehicle.

Key Value Driver:

Expertly designed to position compressor at static loading condition. Provides excellent noise and vibration reduction. Can be designed to include mounting brackets.

CV PRODUCT Portfolio

Suspension & Shock Bushings

Product Description:

The original product line for Clevite. Elastomer & metal bushings for suspension articulation and vibration isolation in vehicles.

Key Value Driver:

Our long history of quality product and in-house elastomer mixing allows us to grow our position in the market.

V-Rods

Product Description:

Welded rods in a V configuration with an apex joint for commercial vehicle suspensions.

Key Value Driver:

Clevite offers customers vertical integration, where we are a single-source supplier for the rod weldment and the tuned bushings needed.

Cab and Radiator Rods

Product Description:

Welded rods for stabilization of the cab or radiator on a commercial vehicle.

Key Value Driver:

Clevite offers customers vertical integration, where we are a single-source supplier for the rod weldment and the tuned bushings needed.

Trailer Pivot Bushings

Product Description:

Large diameter bushing used to control movement and increase stability for commercial trailers.

Key Value Driver:

Our long history of quality product and in-house elastomer mixing allows us to have cost effective materials for the large elastomer volume required.

Torque Rods

Product Description:

Clevite's line of heavy-duty suspension links have been developed with special focus on versatility in production. Customer consumption volumes can be supported whether high or low, and the design offers very robust fatigue performance due to high quality full-face welds.

US Patent 6,758,300

US Patent 7,510,043

US Patent 7,644,911

Vehicle Component Mounts

Product Description:

Mounts can be used with an engine, battery pack, transmission or other vehicle components to provide motion control and NVH isolation.

Key Value Driver:

Clevite offers both integration of economical aluminum die castings and steel stamped designs to offer OEMs maximum flexibility.

Spring Eye Bushings

Product Description:

Assembled or mold-bonded to various metal components, depending on the application, specifically designed for Hotchkiss (leaf spring) suspension to facilitate suspension articulation and vibration isolation in vehicles.

Key Value Driver:

Our long history of quality product and in-house elastomer mixing allows us to grow our position in the market. This is supported by innovative designs such as split bar pin assemblies.

Auxiliary Springs

Product Description:

Lobed or elongated rubber springs that improve vehicle and trailer stability. Ride comfort can also be improved due to load absorption, for commercial vehicles.

Key Value Driver:

Our long history of in-house rubber mixing and compound selection allows for cost-effective but high-quality materials. elastomer volume required.