

BRAKE JOUNCE HOSES: ANOTHER KEY PART OF COOPER STANDARD'S PORTFOLIO WITH OUR ADVANCED EXPERTS GUIDING THE WAY

Brake Jounce Hoses have been around for many years, supporting the critical safety role of ensuring a vehicle's braking system functions appropriately. Yet, what differentiates Cooper Standard from other manufacturers is our advanced team of engineering and product development experts who deeply understand the architecture of this solution and its capabilities. We provide complete wheel-to-wheel capability of fluid-routing technologies for brake systems, offering engineered solutions to meet specific vehicle needs requested by our customers.

Cooper Standard has provided jounce hoses and full system integration on vehicle assemblies for over 25 years. This extensive experience enables our team to meet the evolving needs of the automotive industry, even amidst growing electrification trends. The flexible jounce hoses connect the rigid brake lines to the wheel assembly, enabling brake fluid to travel to the brake calipers. Jounce hoses are designed to be flexible and robust, effectively responding to the suspension's motion when the vehicle encounters bumps or uneven surfaces.

During the initial design stages, stages of creating a design, we offer digital analytic capabilities, such as CAD drawings and digital routing simulations, to evaluate how the components fit the vehicle system architecture. This virtual evaluation can significantly save development time, eliminate prototyping, or save unnecessary trial and error before assembling a physical sample. Our team acknowledges that environmental and weather factors drive robust hose designs. These factors impact our choice of reinforcement material to protect against damage and support the life expectancy of braking components.

When the solution is getting ready for the market, we offer our customers extensive in-house laboratory testing. Extensive testing reassures customers of compliance with regulatory standards and performance requirements.

Product Features

- Low volumetric expansion
- DOT3 / DOT4 brake fluid resistance
- High durability and long dynamic life
- Ease of integration and assembly
- Excellent heat resistance up to 150°C

Brake Jounce Hoses will continue to be in demand as a fundamental vehicle system for the foreseeable future. With Cooper Standard as a trusted partner, customers can collaborate with our engineering experts and digital analysis tools to deliver a solution faster and meet the customization requirements of a vehicle. Visit Cooper Standard's website to learn more:

<https://www.cooperstandard.com/products/brake-jounce-hoses>

<https://ir.cooperstandard.com/2024-10-15-Brake-Jounce-Hoses-Another-Key-Part-of-Cooper-Standards-Portfolio-with-Our-Advanced-Experts-Guiding-the-Way>