

CVSA₂ ELECTRONIC SUSPENSION: THE FUTURE OF PERFORMANCE AND COMFORT WITH INDEPENDENT DAMPING CONTROL OF REBOUND AND COMPRESSION

REFINED PERFORMANCE

CONTROL

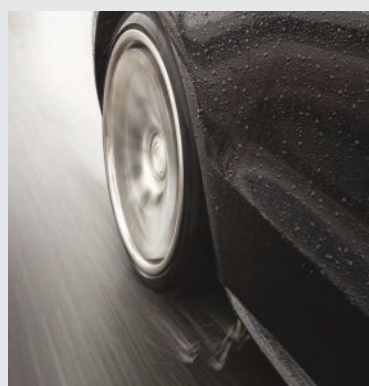
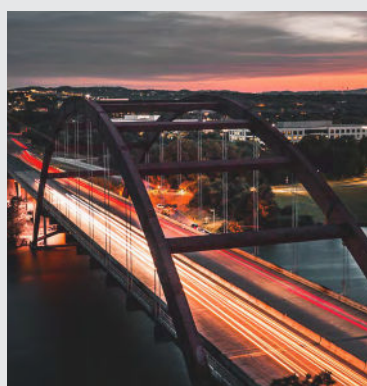
Continuously adapting on a wider range of damping compared to 1-valve technology, providing performance and ensuring great driving safety on demanding vehicles like sportscars or Premium SUVs.

COMFORT

Whether in long journeys or in bad road conditions the comfort is never compromised.

DYNAMISM

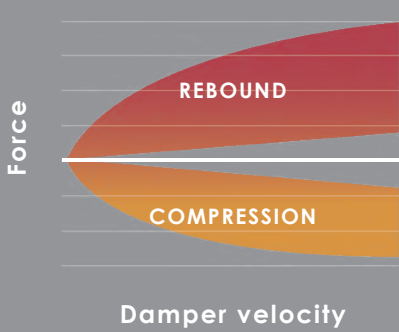
Optimized handling and agility, it offers the possibility to switch between driving modes, giving the ultimate flexibility to customize your driving experience.



The CVSA₂ electronic suspension system is the latest generation of lightweight, semi-active dampers, offering unparalleled performance, comfort, and control. With its advanced technology and innovative design, the CVSA₂ is the perfect choice for drivers who demand the best.

CVSA₂ KEY FEATURES

Each damper features two electro-hydraulic valves. They control rebound and compression motions independently, delivering a larger tuning range for high levels of control and comfort.



LIGHTWEIGHT DESIGN

Optimized Aluminum body to reduce unsprung mass

SOFTWARE FOR A SMOOTHER RIDE

CVSA₂ features control software that uses data about the steering wheel angle, vehicle speed, acceleration and body displacement to control the ride

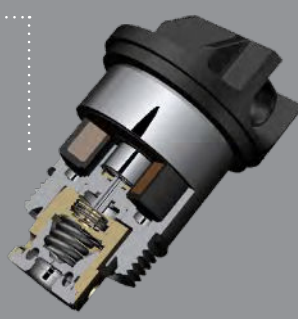
DAMPING VALVES

2 electro-hydraulic valves control rebound and compression motions independently, in combination with passive valves for extra tuneability

ELECTRONIC VALVE

The heart of the system.

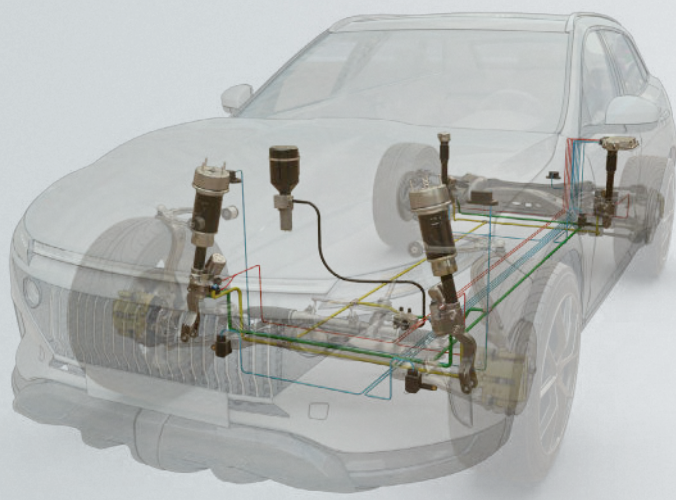
Highly efficient active electrohydraulic valve capable of adapting the whole system in matters of milliseconds.



INSTANTLY RESPONSIVE INNOVATION

SCALABLE TO KINETIC[®] SYSTEM WITH HYDRAULIC ROLL AND PITCH CONTROL

CVSA₂ is also available with front axle hydraulic lifting and combinable with coil and air springs for variable height and level control.



MODELS WITH THIS TECHNOLOGY

McLaren

540C, 570GT, 570S Coupe & Spider, Artura

Mercedes-Benz AMG

Mercedes-AMG GT Black Series, Mercedes G Wagon AMG SL C63 S E Performance

BECAUSE IN A CONSTANTLY CHANGING WORLD, BEING READY FOR THE ROAD AHEAD IS SMART, BUT ANTICIPATING THE ROAD AHEAD? THAT'S INTELLIGENT.

MONROE[®] INTELLIGENT SUSPENSION



MONROE[®] INTELLIGENT SUSPENSION

Is a brand from Tenneco that is recognised as a trusted partner for innovative, sustainable and performance-driven ride solutions.

Drivers need visionaries to turn today's trends into products for tomorrow. At Monroe Intelligent Suspension, we join forces with the best and brightest in the industry, collaborating as a full-system partner on custom and performance technologies that sense and react to road inputs. Just as our suspension technologies adapt to changes, we use insights and our broad industry perspective to guide our innovation, intuitively adapting for a more sustainable future for all.

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