

BILSTEIN



WAY AHEAD

WITH BILSTEIN.

OUR PRODUCTS AND COMPETENCES.



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BILSTEIN - ENGINEERING EMOTIONS.

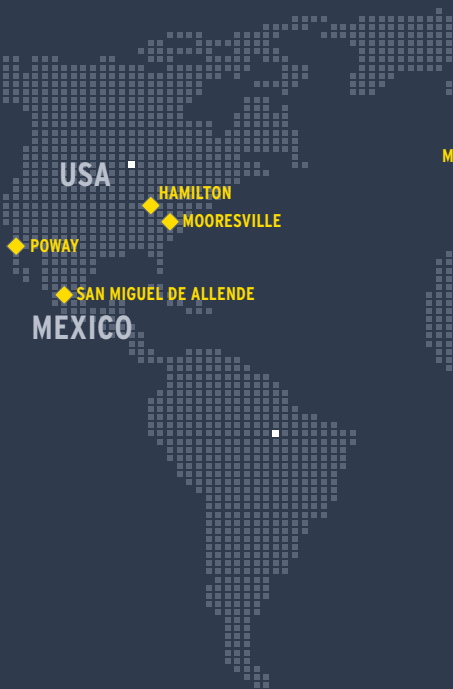
We are the globally leading supplier of premium shock absorber technologies. Together with our customers, we have always been passionate about driving the automotive industry forward with new innovations.

We work tirelessly to offer our partners in the OE, spare parts and performance sectors the perfect driving experience of tomorrow through close collaboration and uncompromising support.



01 BILSTEIN WORLDWIDE.

- ◆ BILSTEIN locations
- Service Center



DEALER SEARCH

4500+

EMPLOYEES WORLDWIDE.





70+ YEARS

OF PREMIUM OE AND AFTERMARKET EXPERIENCE.





02 OUR IDENTITY.

OUR ASPIRATION.

Always one step ahead with **pioneering innovations**, **premium quality**, our **unrivalled product range** or **our expertise from OE production**.

Our claim WAY AHEAD emphasizes this aspiration and so we are constantly redefining **driving safety**, **dynamics and comfort**, expanding our leadership in all areas as a specialist for suspensions and shock absorbers.

OUR DRIVE.

Driving dynamics is our passion: realizing **the perfect handling** is what has driven us for over 70 years - it is part of our DNA.

At BILSTEIN, we are relentless in our pursuit for the best solution - tirelessly, full of curiosity and enthusiasm. We recognize **perfection** when we feel it in a **road test**. We are not satisfied with anything less and are delighted when the enthusiasm catches on.

Numerous awards confirm time and again that we are on the right track.





TEAMWORK.

Our success is based on **people**, their expertise and our approach to **targeted teamwork**. This applies equally to our internal teams and to our collaboration with our partners in the automotive industry, our retail partners and our workshop customers. The **transparent and respectful interaction** of all parties involved at eye level creates **trusting relationships** and is the basis for successful collaboration.

WAY AHEAD.

Our claim WAY AHEAD expresses our commitment to always be one step ahead - further development of our products and the **claim for technological leadership** are closely linked to **teamwork in partnership**.









03 BILSTEIN IN OE.

THE PERFECT DRIVING EXPERIENCE. DEVELOPED FOR HIGHEST DEMANDS.

We have been working with leading vehicle manufacturers for over 70 years to develop shock absorbers for the **perfect driving experience. Innovative, exclusive, trusted.** And, of course, perfectly adapted to the requirement profiles and the intended driving dynamics of their models.



Every BILSTEIN shock absorber is a custom-made product that finds its way into OE production after meticulous research and development work. Individual, safe, rigorously tested in the **uncompromising BILSTEIN road test.** Whether maximum comfort for luxury limousines, maximum precision for sports cars or pure dynamics off the beaten track:



We develop exactly the suspension system required by **premium manufacturers** such as Mercedes-Benz, Porsche, BMW, Land Rover or TESLA. Many **patented innovations** such as DampMatic or the semi-active damper system DampTronic are developed in our factories and inspire drivers all over the world.

This **unique partnership** with premium manufacturers and our **global service network** make us today's **technology leader** for the best shock absorbers in OE production.

STATION WAGON / SEDAN / SUV

MERCEDES-BENZ

 S-CLASS

 DAMPTRONIC SKY



 EQS

 DAMPTRONIC SKY

 E-CLASS

 DAMPTRONIC SKY

 AMG GT X290

 DAMPTRONIC SKY HC

BMW

 SERIES 5

 DAMPTRONIC II



XPENG

 G9

 DAMPTRONIC I



SPORTS CAR / COUPÉ / ROADSTER

PORSCHE

 911

 DAMPTRONIC X



MASERATI

 MC20

 DAMPTRONIC X



OFF-ROAD VEHICLE / TRUCK

LAND ROVER

 DEFENDER

 DAMPTRONIC I



DODGE

 RAM TRX

 BLACKHAWK E2



FORD

 BRONCO

 ESCV



04 BILSTEIN IN THE AFTERMARKET.

**OEM OR AFTERMARKET.
ALWAYS 100 % BILSTEIN
PREMIUM QUALITY.**

All of our **experience and development expertise** for premium OEM are incorporated at 100 % into technologies for the aftermarket.





Wherever we are represented as an OEM in production vehicles, our shock absorbers are available in the after-market as well - with a market coverage of over 90 % in Europe. In addition, we offer shock absorbers as spare parts for numerous other models.

All BILSTEIN shock absorbers for the aftermarket are produced **in the same factories** as OE shock absorbers, undergo the **toughest test procedures**, are **certified** according to the **strictest requirements** of automotive manufacturers and ensure **trouble-free installation**.

Therefore, only we can guarantee the same **premium quality** as for an OE shock absorber.



**SCAN THE QR CODES
FOR MORE INFORMATION**



PRODUCT CATALOG



DEALER SEARCH



05 PERFORMANCE.





THERE IS NO TERRAIN THAT WE CANNOT MASTER.

You'll be in pole position with our performance suspensions. Why? For every application, every style and every requirement, we combine the **best technologies, components and materials** that are also used for our premium OE customers. **Individually brought to perfection** under the toughest conditions.

We offer you the ideal solution, whether on the road, the race track or off-road. From **sporty lowering** to **dynamic racing performance**, or all the way to **maximum lifting**, we always have the perfect driving experience in mind.

Everyday driving, long country roads, sporty and comfortable cruising? We love it!

The race track is your second living room?
We are at home in the "Green Hell" of the Nürburgring!

Are you passionate about rock crawling or hardcore off-roading?
So are we!

Performance is your lifestyle and your vehicle reflects it.
That's why we offer **the perfect suspension** for any demand in four product categories: Street, Track, Race and Offroad.

06 MOTORSPORTS.

DESIGNED FOR EXTREME FORCES.

Numerous race victories, podium finishes and championship titles in Formula 1, World Rally Championships, the DTM and the 24-hour race speak for themselves: BILSTEIN shock absorbers **shape motorsports.**

Our products meet the highest standards of **safety and control** and inspire circuit and rally enthusiasts all over the world with their **outstanding driving characteristics.** In the pit lane, we have constantly refined how to bring **pure flexibility and performance** to the track - with our service at the racetrack.

Whether past, present or future, we live the passion for motorsports with our **expertise, enthusiasm and professional support.**



EVERY TRACK IN THE WORLD IN ONE PLACE.

The BILSTEIN 7-post rig. This **unique testing technology** with seven hydraulic actuators and **state-of-the-art measurement technology** enables car manufacturers, car enthusiasts and racing teams to simulate every track in the world - and thus find the **best vehicle setup**.

Every car is different. Every prototype is unique. And so is our simulation and testing process. We design the program our partners and customers need - optimizing a race car for a specific track, solving a specific or unknown problem, or predicting vehicle dynamics even before the car is built.



7-POST RIG



07 HOW TO CONTACT US.

Whether you have technical questions about our performance or aftermarket products, are looking for the right shock absorber, need individual training or want to find out more about the BILSTEIN brand - we are here to support you.



WE ARE HERE FOR YOU.

TRAINING

+49 2333 791-0
training@bilstein.de

TECHNICAL SUPPORT

+49 2333 791-4222
technik@bilstein.de



**SCAN THE QR CODES
FOR MORE INFORMATION**



TRAINING



CONTACT



FAQ



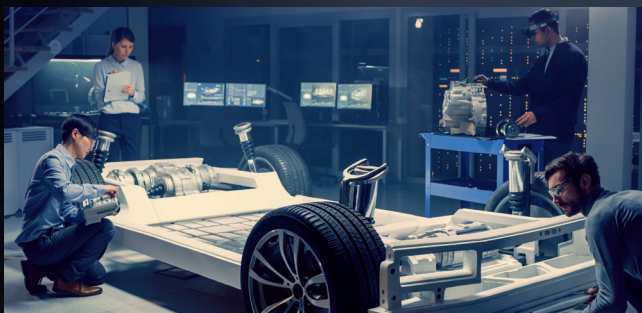
08 TECHNOLOGIES & COMPETENCES.

The world's **leading automotive brands** rely on BILSTEIN. The reason: we set the **highest standards** with our technologies and our quality. Every development is a new milestone and represents BILSTEIN's **pioneering spirit**, which is embodied in every product we manufacture.

OUR TECHNICAL PLANNING BEGINS WHEN CARS ARE STILL CONCEPTS.

As a **global player**, BILSTEIN ensures the **ultimate driving experience** that perfectly meets the **highest demands**. With groundbreaking innovations, we are constantly setting **new standards** in shock absorber technology. That is why we are the **unrivaled market leader in semi-active shock absorbers**.

Together with leading OEMs, we are developing the suspension systems of tomorrow and shaping the **mobility of the future**.



OUR STANDARD.

We transfer the OE premium quality seamlessly to our aftermarket products.

OUR PROMISE.

100 % guaranteed OE functionality

100 % premium quality

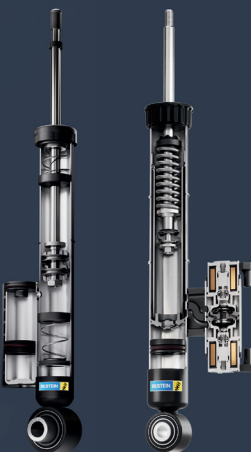
100 % BILSTEIN

OUR TECHNOLOGY AT A GLIMPSE:

- DampMatic
- DampTronic Sky HC
- DampTronic Sky
- DampTronic X
- End Stop Control Valve (ESCV)
- BLACKHAWK e2
- DampTronic II
- DampTronic I

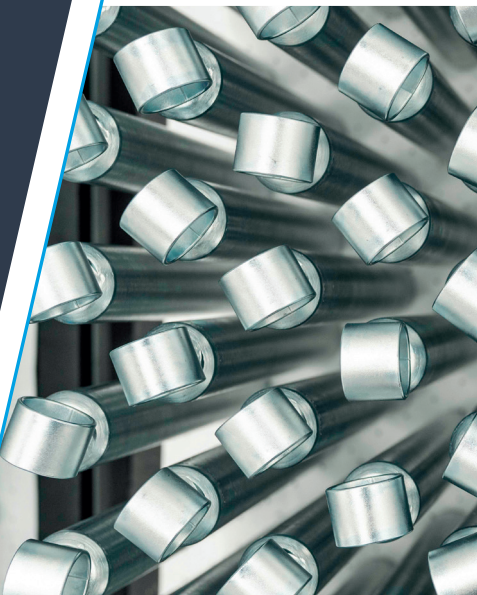


TECHNOLOGY



ESCV

DampTronic






DECADES OF DEVELOPMENT EXPERTISE. FOR OPTIMUM DRIVING DYNAMICS.

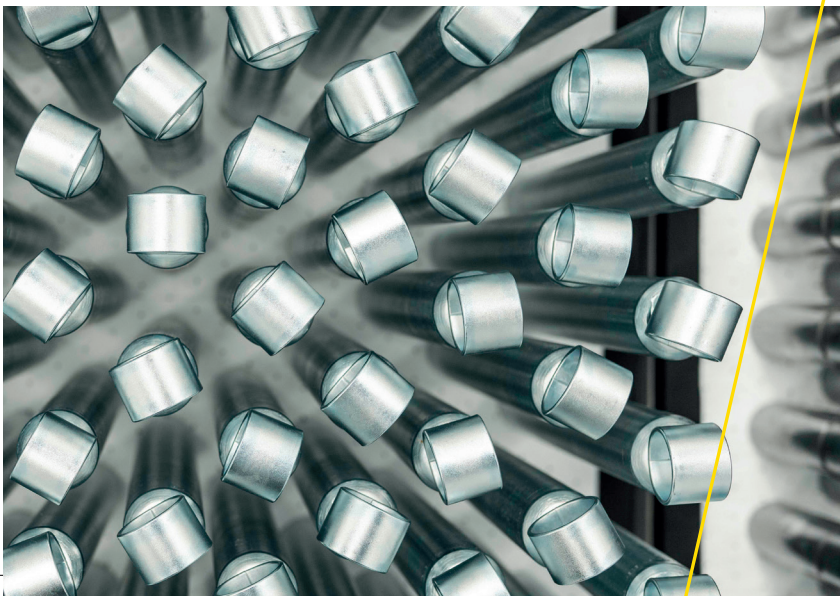

From passive shock absorbers to semi-active and active suspension systems. From applications for the road to extreme offroad use.

We make the difference with the **widest range** of high-performance and premium suspension solutions for every vehicle and application, from lightweight sports cars to heavy-duty electric SUVs. Our decades of **development expertise** make us the first choice for particularly demanding requirements.

OVERVIEW OF THE BILSTEIN TECHNOLOGIES



Are you looking for a suspension that combines sportiness and ride comfort with maximum driving safety in a single system? Our advanced and **high-performing technologies** make absolutely everything possible. Whether for the road or for extreme terrain, whether a light sports car or a particularly heavy electric SUV: we have **the right system** for any demand.



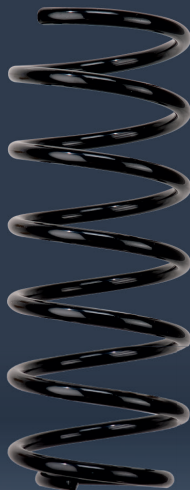
BILSTEIN B3

TOP CLASS COIL SPRINGS.

BILSTEIN B3 coil springs offer extremely high fracture resistance thanks to the use of particularly high-quality chrome-vanadium or chrome-silicon steels. The OEM quality ensures a significant increase in driving safety.

PRODUCT BENEFITS

- Extremely high fracture resistance thanks to high-quality chrome-vanadium or chrome-silicon steels
- High quality and durability thanks to expertise from OE production
- Long service life thanks to careful surface compaction and coating
- Covers a wide range of vehicles
- Uncompromising OEM quality



BILSTEIN B3 AIR SPRING

PERFECT PERFORMANCE UNDER PRESSURE.

The best rubber quality and strong fabric reinforcement ensure that the BILSTEIN B3 air spring remains reliably sealed even with heavy loads and high air pressures and achieves a long service life.

PRODUCT BENEFITS

- Outstanding comfort and ideal handling
- Driving experience like on the first day, as the BILSTEIN product complies 100 % with OE requirements
- Constant damping force with any load
- Material selection and production according to OE standards ensure utmost satisfaction





BILSTEIN B4

ONE FOR ALL.

The BILSTEIN B4 gas-pressure shock absorber has been synonymous with safety and ride comfort for decades. Consistently developed for more than 60 years, the BILSTEIN B4 offers maximum safety, consistent damping performance as well as outstanding traction and precise handling for practically any car, now and in the future. This makes the BILSTEIN B4 the perfect OE replacement product.

PRODUCT BENEFITS

- Driving experience like on the first day: uncompromising quality and construction identical to OE products ensure new car level
- High performance reserve for maximum safety
- Particularly high vehicle coverage of our products (over 90 % in the EU, as of 2023)
- Installation 100 % identical to OE parts
- Our most demanding test procedures meet the high requirements of vehicle manufacturers



ALSO AS
DAMPTRONIC
(ELECTRONIC
VARIANT)

BILSTEIN B4 AIR SUSPENSION MODULE

AS IF HOOKED ON THE SKY.

The BILSTEIN B4 Air Suspension Module was developed in close cooperation with leading automotive manufacturers. This resulted in a top-quality product that achieves unprecedented values in terms of damping and suspension. Top-class comfort.

The BILSTEIN B4 Air Suspension Module is available for almost all active and passive air suspension systems.

PRODUCT BENEFITS

- Handling like on the first day, perfect replacement for the OE product
- Manufactured in the same plants, on the same production lines and by the same hands as the OE product
- Material selection and production according to OE standards ensure utmost satisfaction
- Constant damping force with any load
- Designed by BILSTEIN in Germany







BILSTEIN B6

NEXT LEVEL SHOCK ABSORBER FOR DEMANDING DRIVERS.

BILSTEIN offers improved OE replacement with significantly increased damping force. The high-performance shock absorber offers sufficient power reserves even under rigorous demands due to sporty driving or with maximum load.

PRODUCT BENEFITS


- Increased damping force for more safety and comfort
- High quality and durability thanks to expertise from OE production
- Wide vehicle coverage from passenger cars to camper vans
- No additional effort when changing shock absorbers
- Provides optimum grip in everyday and extreme situations

BILSTEIN B8

SPORTY? WITHOUT FAIL!

The BILSTEIN B8 is a high-performance shock absorber with a specially shortened piston rod that ensures the necessary spring preload for lowering and sports springs. The unsurpassed BILSTEIN gas pressure technology ensures a sporty, dynamic driving experience and combines it with high comfort potential.

PRODUCT BENEFITS

- The perfect addition for almost all lowering kits
 - No parts certificate required, registration in the vehicle documents is not a problem
 - BILSTEIN monotube upside-down technology increases the absorption of lateral forces
 - Designed by BILSTEIN in Germany
 - Upgrade for most OE sports suspensions
- 



**ALSO AS
DAMPTRONIC
(ELECTRONIC
VARIANT)**






BILSTEIN B12

YOUR SPORT SUSPENSION FOR RETROFITTING.

Fits you, your style and your car. Our BILSTEIN B12 performance suspensions are perfect for retrofitting and quick and easy lowering. It looks more than good and feels more than dynamic.

PRODUCT BENEFITS

- Your sports suspension for retrofitting - more performing and more harmonious than your OE suspension
 - No rubbing and no installation problems despite lowering
 - Perfect lowering - easily and quickly up to 50 mm lower, tailored to the vehicle and driver, and of course with parts certificate
 - Stabilizes the bodywork for more performance and comfort - even on long journeys
 - Sporty and comfortable? That's possible - with our street performance suspensions
- 



ALSO AS
DAMPTRONIC
(ELECTRONIC
VARIANT)

BILSTEIN B14

INDIVIDUAL. SPORTY. LIKE YOU!

You are the benchmark. Your needs take center stage. Sporty on the road in everyday life and at full throttle on the track. Close the gap with our BILSTEIN B14 Street Performance threaded coilover systems - as individually as you need, as easily as you want.

PRODUCT BENEFITS

- Dynamic damper recognition for sporty steering behavior in any everyday situation and on the track
- Lowering up to 50 mm: flexible, stepless and individual - with residual thread and parts certificate
- Tested worldwide on various road qualities in the BILSTEIN road test
- Stabilizes the bodywork for more performance and comfort - even on long journeys
- Perfectly lowered: tires and wheel arches fit perfectly - no technical problems and a beautiful facelift



BILSTEIN EVO S

YOUR LIFE. YOUR SUSPENSION.

Performance is your lifestyle and your vehicle reflects it. Our BILSTEIN EVO S Street Performance suspensions not only make you look good, they also provide a low, smooth and sporty ride - perfect for your everyday life and exactly your style.

PRODUCT BENEFITS

- More performance and more harmonious than the OE suspension thanks to two characteristic damper settings in the BILSTEIN road test and on the test rig
- Lowering up to 70 mm: flexible, stepless and individual - with residual thread and parts certificate
- Damper recognition for noticeably sporty steering behavior and comfort reserves in any everyday situation



ALSO AS
EVO SE
(ELECTRONIC
VARIANT)



BILSTEIN B16

DRIVING PLEASURE IS A MATTER OF SETTING.

You are always up to something. When you drive, you drive with passion. Control is in your hands. You are prepared - and so is your suspension: with a turn of a knob from everyday life to attack. This is what our BILSTEIN B16 Track Performance threaded coilover systems stand for. With their 10x dual-click adjustment they are easy to handle and twice as effective.

PRODUCT BENEFITS

- Dynamic damper recognition for sporty steering behavior in any everyday situation and on the track
- Lowering up to 50 mm: flexible, stepless and individual - with residual thread and parts certificate
- Perfectly lowered: tires and wheel arches fit perfectly - no technical problems and a beautiful facelift
- Stabilizes the bodywork for more performance and comfort - even on long journeys
- Tested worldwide on various road qualities in the BILSTEIN road test

ALSO AS
DAMPTRONIC
(ELECTRONIC
VARIANT)



BILSTEIN EVO T1

SIMPLY INDIVIDUAL. YOUR DECISION!

Just the way you need it in everyday life and want it on the racetrack: easy to handle and twice as effective. Thanks to our 10x dual-click adjustment, you have everything under control with our BILSTEIN EVO T1 Track Performance suspensions.

PRODUCT BENEFITS

- Easy to handle and twice as effective: the dual-click adjustment controls the rebound and bump in parallel via an aluminum adjustment wheel and 10 noticeable clicks
- Dynamic damper recognition for sporty steering behavior in any everyday situation and on the track
- Lowering up to 70 mm: flexible, stepless and individual - with residual thread and parts certificate
- Tested worldwide on various road qualities in the BILSTEIN road test
- Perfect for everyday use and the racetrack





BILSTEIN EVO R

SET FOR YOUR RACING SUCCESS.

You strive for unconditional success, and if there's a podium, you're on top. Our Race Performance suspensions BILSTEIN EVO R are by your side: 100 % motorsports describes the DNA you have in common.

PRODUCT BENEFITS

- Aluminum and lightweight construction for more stability, higher cornering speeds and faster lap times
- Absolutely individual: two aluminum adjustment wheels and 100 adjustment options - the 10x10 Pro-Click adjustment controls rebound and bump separately and safely for an absolutely individual damper setup
- The art of handcrafted engineering - in the finest motorsport manufactory and especially for you
- "Easy to use" when installed
- Faster cornering, later pulling, therefore faster lap times



BILSTEIN B6 4600

DURABLE AND RELIABLE ON ANY GROUND.

The BILSTEIN B6 4600 is designed to significantly improve performance with the original springs. However, it also maintains driving safety when the vehicle is lifted by up to five centimeters. It can cope with high payloads with any spring configuration.

PRODUCT BENEFITS

- Patented degressive valve control for changing surface conditions
- Provides optimum grip in everyday and extreme situations
- More direct response and more precise handling
- Extensive exclusive driving tests under real conditions ensure balanced driving behavior
- The most demanding test procedures meet the high requirements of vehicle manufacturers



BILSTEIN B8 5100

THE PERFECT SHOCK ABSORBER OFF-ROAD AND ON THE ROAD.

The BILSTEIN B8 5100 is a specially constructed shock absorber designed specifically for higher ground clearance. Each shock absorber is developed individually for the particular vehicle model and appropriately set in extensive test runs.

PRODUCT BENEFITS

- Availability in different lifting heights
- Provides optimum grip in everyday and extreme situations
- Designed by BILSTEIN in USA
- Higher ground clearance due to a specially constructed shock absorber
- High quality and durability thanks to expertise from OE production



BILSTEIN B8 8112 DSA+

READY FOR EXTREME SITUATIONS.

The BILSTEIN B8 8112 suspension kit incorporates new, revolutionary technology, delivering position sensitive damping in both compression and rebound. ZoneControl® CR combines unparalleled comfort during everyday driving conditions with maximum control under large suspension inputs.

PRODUCT BENEFITS

- ZoneControl® CR: Position sensitive damping with 3 compression (C) zones and 2 rebound (R) zones, controlled by 3 independent pistons
- Comfort during every day driving conditions and maximum control under large suspension inputs
- Adjustable threaded spring seat allows for fine-tuned ride height
- 60 mm reservoir for increased oil capacity and cooling
- High quality chrome 5/8" heim joint mounting



Whether you want to improve your daily ride or go wild on the weekend, we have a wide range of truck and off-road products for you.

BILSTEIN B8 8100 (BYPASS)

MAXIMUM CONTROL. MAXIMUM COMFORT.

The BILSTEIN B8 8100 (Bypass) is a direct fit, position sensitive damper specifically designed for light trucks and SUVs. Bypass shock absorbers offer the most compliant ride in all conditions and provide maximum bottom out control when the road gets rough. Utilizing an adjustable external bypass shock is the easiest and most effective way to tune your suspension for ultimate performance.

PRODUCT BENEFITS

- Direct fit reservoir shock for lifted trucks and SUVs
- Dual tube external bypass offers position sensitive damping with independent adjustment for rebound and compression
- Incremental flow adjuster offers finite and incremental changes in damping force for precise adjustments
- Vehicle specific tuning with the ability to make a wide range of adjustments



NOTES

W-801308/06.2024/Subject to technical modifications, misprints and errors excepted.

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