

**DRIVE THE LEGEND.**



# UNRIVALED.

Ask for BILSTEIN B4 when having your air suspension replaced or serviced. BILSTEIN offers the only air suspension solution that retains full functionality and is manufactured to original equipment quality standards.



Stay away from remanufactured parts and competitor products without functionality!

[bilstein.com](http://bilstein.com)

# Typically BILSTEIN.

## The greatest enemy of perfection is “good enough.”

Automotive enthusiasts looking for the perfect driving experience will never settle for what has already been accomplished – they will never stop researching and pioneering new technology and solutions. We BILSTEINERS have been at the forefront of this technological development since the ground-breaking innovation of the BILSTEIN mono-tube gas pressure shock absorber for series production by Mercedes-Benz in 1957. Today, the BILSTEIN gas-pressure principle remains a fundamental contribution to active driving safety.

## We don't strive to be good when perfection is within reach.

Expectations and requirements for driver safety and comfort have increased significantly in recent decades. In 1997, BILSTEIN took a step in the direction of driving perfection with a new technological advancement. In close cooperation with Mercedes-Benz, we developed the active air suspension module for maximum driving comfort and optimum driving safety. This revolutionary design provides damping, ride height control, and suspension adaptability all in one package.

### The BILSTEIN air suspension principle.

By varying air pressure, air springs facilitate ride height adjustability and leveling features.

- Superior leveling adjustment for all loading conditions
- Adaptable positioning for improved aerodynamics or ground-clearance
- Responsive reaction time to road and vehicle conditions
- Excellent comfort and ride quality, while maintaining perfect handling characteristics and maximum road safety

# Ask for the Original: BILSTEIN B4 air suspension modules.

**BILSTEIN B4 air suspension modules  
are made of 100% new parts!**

- New air spring
- New high-performance BILSTEIN gas-pressure shock absorber
- New and fully functional electromagnetic control valve
- High-quality individual components compliant with current specifications and environmental standards

### 100 % safety.

Only BILSTEIN B4 air suspension modules can provide you with optimum safety, combined with the long service life of your original factory parts. BILSTEIN B4 air suspension provides optimum road handling, reliable braking and steering characteristics and maximum cornering stability.

### 100 % functionality.

Only with a BILSTEIN B4 air suspension module is the same driving experience as on day one, including all functionalities, maintained! Make sure that, even after a replacement, you benefit from the full range of functions you opted for when you bought your vehicle!

### 100 % comfort.

Competitor products often only operate passively – they do not offer the functioning control of driver-selectable modes, and thus offer only a single suspension setting. With this product compromise, you lose all comfort and control alternatives.

### 100 % leadership in quality and technology.

For shops and consumers, the BILSTEIN B4 air suspension means full functionality, manufactured in uncompromising original equipment quality. BILSTEIN is the pioneer of air suspension, and the B4 air suspension is road tested in the most demanding conditions.

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High-quality air suspension modules are engineered and manufactured in uncompromising OEM standards. These new-manufactured components have only been available for a few years, offering a superior solution to a market flooded with poor quality remanufactured parts and reduced-functionality spare parts.

This brochure will show you how and where air suspension modules are subjected to wear. Learn how the uncompromising quality of a BILSTEIN B4 air suspension module differs from other products available on the independent repair shop market.

**Only BILSTEIN B4 air suspension modules provide the perfect replacement solution for your vehicle – manufactured in true original equipment quality.**



Figure: BILSTEIN B4 air suspension module for Mercedes-Benz S-Class W220.



# Don't be fooled.

## A remanufactured part – appearances are deceiving!

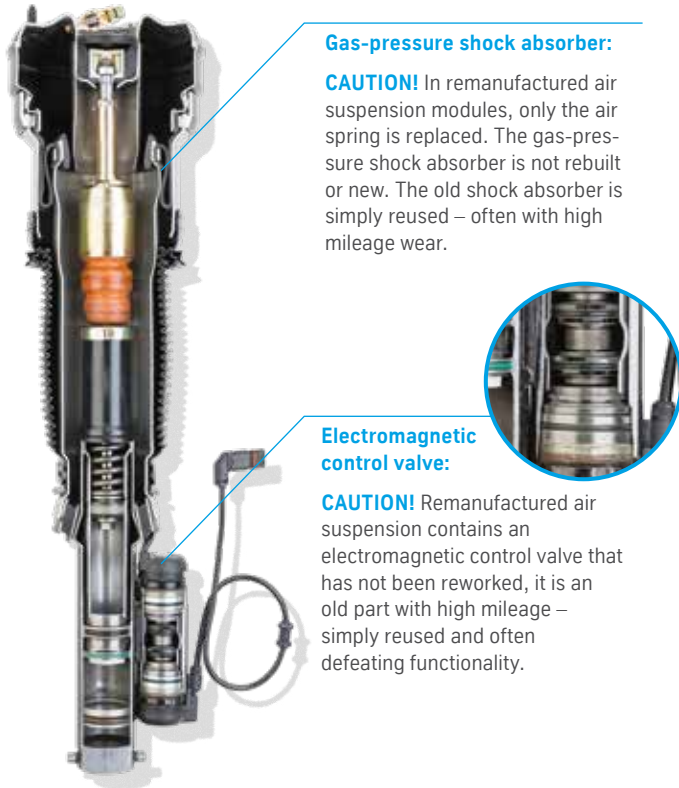


### Stay away from remanufactured parts!

In remanufactured air suspension modules, only the air spring is replaced – the old shock absorber and electromagnetic control valve are always re-used.

### Purchase quality – once.

The mileage of a used shock absorber cannot be determined – making remanufactured competitor air springs inconsistent. This may lead to significantly uneven or poor driving characteristics, potentially posing a safety risk.



#### Gas-pressure shock absorber:

**CAUTION!** In remanufactured air suspension modules, only the air spring is replaced. The gas-pressure shock absorber is not rebuilt or new. The old shock absorber is simply reused – often with high mileage wear.

#### Electromagnetic control valve:

**CAUTION!** Remanufactured air suspension contains an electromagnetic control valve that has not been reworked, it is an old part with high mileage – simply reused and often defeating functionality.

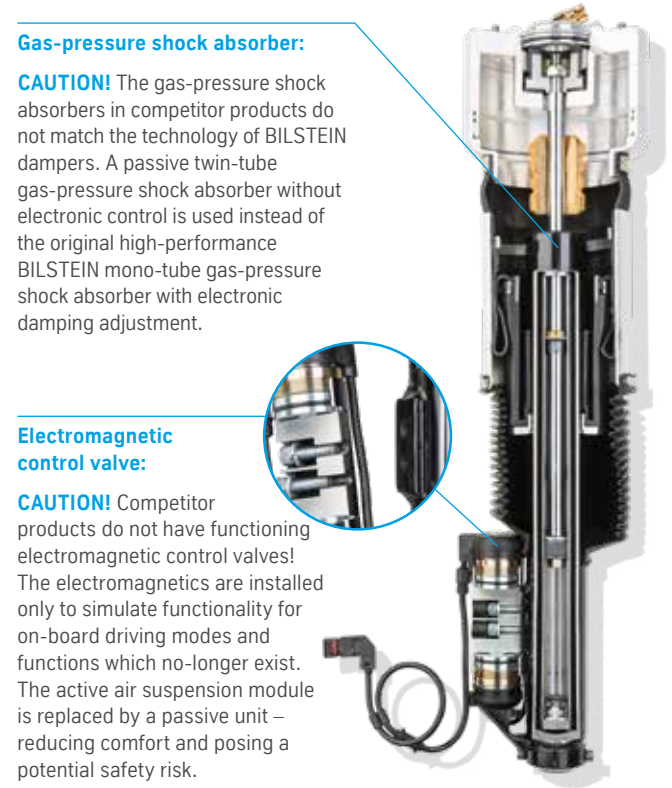
# All or nothing.

## Competitor products defeat functionality!



### Maintain the features and functions you paid for when you originally bought your vehicle!

With competitor products, the electromagnetic control valve is often non-functioning. This means that, even if your vehicle was equipped with several driving modes when you first bought it, you will now be limited to one compromised mode. By installing a cheaper spare part, you defeat alternative functions of your suspension and potentially risk driver safety!



#### Gas-pressure shock absorber:

**CAUTION!** The gas-pressure shock absorbers in competitor products do not match the technology of BILSTEIN dampers. A passive twin-tube gas-pressure shock absorber without electronic control is used instead of the original high-performance BILSTEIN mono-tube gas-pressure shock absorber with electronic damping adjustment.

#### Electromagnetic control valve:

**CAUTION!** Competitor products do not have functioning electromagnetic control valves! The electromagnetics are installed only to simulate functionality for on-board driving modes and functions which no-longer exist. The active air suspension module is replaced by a passive unit – reducing comfort and posing a potential safety risk.

**DRIVE THE LEGEND.**

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Submitted by: