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AIR SUSPENSION?
TRUST THE PIONEER!
Our BILSTEIN B4 air suspension module.

bilstein.com/airspring
Typically BILSTEIN.

The greatest enemy of the good is the better.
Those looking for the perfect driving experience will never settle for what they have already achieved. They will never stop researching and trying to develop new, pioneering technologies. We BILSTEINERS know exactly what we are talking about in this regard. By developing the BILSTEIN gas-pressure technology in the 1950’s, we made a ground-breaking innovation. The subsequent first use of the mono-tube gas-pressure shock absorber for series production by Mercedes-Benz in 1957 was a real revolution in vehicle technology. Until today, the BILSTEIN gas-pressure principle has remained a fundamental contribution to active driving safety.

Good isn’t good enough.
Driver’s expectations for safety and comfort have increased significantly in the past decades. In 1997, it was time to take a big step towards the perfect driving experience with a new technological advance. In close cooperation with Mercedes-Benz, we developed the active air suspension module for maximum driving comfort and optimum driving safety. The revolutionary design provides damping, suspension and level control in one single part.

The BILSTEIN air suspension principle.
By varying the air pressure, air springs provide the possibility of different ride height level settings.
- More favourable level adjustment for all loading conditions
- Different aerodynamic or offroad positions available
- Very quick adjustment to road and vehicle conditions
- Excellent comfort and perfect driving characteristics as well as maximum security thanks to high power reserves

Stick with the Original: The BILSTEIN B4 air suspension module.

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 quality and environmental standards

100% safety.
Only the BILSTEIN B4 air suspension module can provide you with optimum safety combined with the long service life of a factory-fitted new part! The BILSTEIN B4 air suspension module means optimum road handling, reliable braking and steering safety as well as 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.
Our competitors’ products are often only passive. They do not offer functioning control and thus only one single suspension setting. Usually, the hard characteristic curve is selected. With this kind of product, you immediately lose all comfort alternatives.

100% original quality and technology leadership.
For you, the BILSTEIN B4 air suspension module means fully functional replacement in uncompromising original manufacturer quality – from the pioneer of air suspension, tested in the most demanding conditions in the BILSTEIN road test.

0% old parts.
0% risk for you!
High-quality air suspension modules in uncompromising original manufacturer quality have only been available for a few years. Unfortunately this is why in the meantime, spare parts of significantly poorer quality and often with considerably restricted functions have spread on the market.

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

Only the BILSTEIN B4 air suspension module is the perfect replacement solution for your vehicle – of course in true original manufacturer quality.
**Superficially perfect.**

A remanufactured part – appearances are deceiving!

**All or nothing.**

A competitor’s product – the functionality is missing!

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**Keep away from remanufactured parts!**

In remanufactured air suspension modules, only the air spring is replaced – the old shock absorber including electromagnetic control valve are retained 1:1.

**Seemingly cheaper may cost you dearly!**

The mileage of the shock absorber cannot be determined. In case of an exchange, this may lead to significantly poorer driving characteristics and may be a risk for you in case of damage!

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**Gas-pressure shock absorber:**

**ATTENTION!** In re-manufactured products, only the air spring is replaced; all other parts are reused. This means you have no way of determining how high the mileage of the donor shock absorber was run. With used donor shock absorbers potentially coming from different vehicles, it is possible that the damping force at the individual wheels will differ significantly.

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**Electromagnetic control valve:**

**ATTENTION!** The electromagnetic control valve may have already logged thousands of road miles. There is no way to determine if and how long it will continue working. Only by changing all wear components, including a completely new electromagnetic control module, is full functionality of the entire air suspension system ensured for your vehicle or customer.

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**Gas-pressure shock absorber:**

**ATTENTION!** The gas-pressure shock absorber does not correspond to the original. A passive twin-tube gas-pressure shock absorber is used without an electromagnetic control valve, unlike the high-performance BILSTEIN mono-tube gas-pressure shock absorber with an electromagnetic control valve applied in the original equipment.

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**Electromagnetic control valve:**

**ATTENTION!** There is no functioning electromagnetic control valve! The concealed electromagnets affect only one function of the onboard electronics, which are not present: the active air suspension module is replaced with a passive unit. This not only reduces comfort, but above all, poses a safety risk.