AIR SUSPENSION?
TRUST THE ORIGINAL
EQUIPMENT MANUFACTURER!

Prepare for the future of your business. Put your trust in the original: BILSTEIN B4 air suspension modules.
That changes everything! Once again.

Our BILSTEIN B4 air suspension module for Mercedes-Benz S-class W220.

The greatest enemy of perfection is a ‘good enough’ attitude

Passionate drivers looking for the perfect driving experience never settle for second best. They never stop searching for the latest and greatest, and continually research and develop pioneering technology. We BILSTEINERS live and breathe this philosophy. By developing the BILSTEIN gas-pressure technology in the 1950s, 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 revolution in suspension technology. Still today, the BILSTEIN gas-pressure principle has remained a fundamental contribution to active driving safety.

Good is not 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 ride height control in one single part.

Not all air suspension modules are the same.

To ensure the same full functionality you enjoyed on day one, only air suspension modules with identical functionality should be installed.

The passive air suspension module:

Passive air suspension systems include air springs that do not include a control module in the shock absorber.

- Generally, these systems offer a more comfortable ride than conventional springs due to the air suspension technology.
- However, passive air suspension operates at one set of ride characteristics – making the ride sporty or comfortable, not both.

Active air suspension module with additional adjustability:

Apart from active suspension control, active air suspension modules empower the driver with the option to switch between different driving modes. In extreme situations, for example and evasive maneuver to avoid a collision, the system automatically switches the ride characteristics to a more responsive and safe setting. After the maneuver, the system returns to the pre-selected driving mode.

- By pushing a button, the driver can select different modes; “Comfort” or “Sport”.

Active air suspension module based on the “Skyhook” philosophy:

The most advanced air suspension modules work in accordance with the “Skyhook” philosophy. Using this technology, the vehicle will glide across uneven surfaces as if suspended from a crane or helicopter. The air suspension module automatically selects the optimal driving characteristics and damping curve, effectively isolating up and down movement from the vehicle body – in turn delivering premium level of driving comfort. Using a fully-automatic electronic system, adaptive damping systems control the level of shock absorber damping force at the wheel. Data collected from sensors helps determine the current road condition and vehicle payload, within milliseconds the optimum damping force is applied.

- Extremely fast reaction time to potential dangers.
- Maximum driving safety, dynamics and comfort.

The BILSTEIN air suspension principle.

By varying the air pressure, air springs provide the possibility of different ride height level settings
- More favorable level adjustment for all loading conditions
- Different aerodynamic or off-road positions available
- Highly responsive adjustment to road and vehicle conditions
- Excellent comfort and perfect driving characteristics as well as maximum security thanks to high power reserve

Typically BILSTEIN.
For more than 60 years, Mercedes-Benz and BILSTEIN have joined forces to develop state-of-the-art innovations in suspension systems – including the introduction of the first active air suspension module for the Mercedes-Benz S-Class W220. Sporty or comfortable – the electronically controlled air suspension with adaptive damping works fully automatically. Naturally, the latest model of the Mercedes-Benz S-Class comes as standard with this technology.

Land Rover.

The history of Land Rover began when Maurice Wilks drew the silhouette of a vehicle in the sand on a beach in Wales in 1947. Characterized by a unique combination of strength and cool-headedness, this idea became the legendary Land Rover.

The air suspension of Land Rover vehicles automatically adjusts to dynamic road surfaces and loads. In the case of the Land Rover Discovery 5 – for difficult terrain, the vehicle ride height can be elevated by up to 125 mm. For easier vehicle loading, the ride height can be lowered by 50 mm. We are particularly proud of our BILSTEIN B6 4600 air suspension module for the Land Rover Discovery III.

Jaguar.

Jaguar vehicles traditionally stand for luxury, performance and design. Under the motto “Alive Performance”, Jaguar models provide a matchless vivid driving experience – reactive and instinctive.

The X350 series (2003-2010 models) were the first to feature an aluminum vehicle body and air suspension modules as standard for maximum comfort. Currently our OE replacement selection includes applications for the jaguar XJ models X350 and X358.

BMW.

To enhance the typical driving pleasure of a BMW platform, active and passive air suspension technology is employed in an increasing number of models. Currently BILSTEIN’s OE replacement program includes applications for the BMW 5 Touring (E39), BMW 7 Series (E65, E66, E67) and BMW X5 (E53).

Please note that for some vehicles, several versions are available. To ensure fully functional replacement, always select the applications fitted as original equipment.

Mercedes-Benz.

Hand in Hand with the large companies of the car industry.
The Volkswagen brand is one of the largest vehicle manufacturers in the world. The group’s core brand produces vehicles for customers in more than 150 markets at production sites in 14 countries. The premium models VW Phaeton (3D_) and Touareg (7LA, 7L6, 7L7 and 7P5) are equipped with air suspension modules for optimum comfort. The suspension copes with almost any challenging uneven road surface with freely selectable COMFORT, NORMAL and SPORT driving modes. BILSTEIN naturally provides replacement modules of uncompromising OE quality.

Despite a nearly 100 year pedigree, Bentley has been part of the Volkswagen Group since 1998. The Bentley brand is quintessentially British, as an official purveyor to the Royal Household. No matter whether it’s a convertible or touring limousine, all Bentley models strive to be “Best in Class” – with the ultimate in performance, elegance and comfort.

Regarding comfort, air suspension systems are fitted as standard with all the latest Bentley models, such as the Bentley Continental Coupé (3W_) and the Bentley Continental Cabriolet (3W_). Air suspension modules empower the driver with multiple driving modes; High2, High1, Normal and Low. The High 2 mode can be selected for journeys on difficult terrain.

Every Porsche is a sports car. No matter if it has 2, 4 or 5 doors. Porsche offers optional air suspension for the Macan and Cayenne models – retaining Porsche Active Suspension Management (PASM) for superior comfort and wide range of driving dynamics. Our applications include the Cayenne 9PA and 92A series, as well as the Macan 95B. Also, the latest Cayenne platform – the P0536, is available with optional adaptive air suspension. With new three-chamber technology, the range between sporty and limousine-like comfort is further enhanced.

The Audi brand stands for progress through technology. Audi drives innovation and is a prime contributor to engineering progress – inspiring drivers around the world.

The Audi Adaptive Air Suspension (air suspension paired with controlled shock absorption) gives large chassis models such as the Audi A6 or A8 a supple ride and a sporty ride at the same time. Our portfolio of replacement parts includes air suspension modules for the Audi Q7 (4L).
The unique benefits of the BILSTEIN B4 air suspension module.

100% safety.
Only the BILSTEIN B4 air suspension module provides customers with optimum safety combined with the longest 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 a BILSTEIN B4 air suspension module can renew the driving experience to how it felt on day one, including all functionalities. Ensure your customers keep the functionality they opted for when they bought the vehicle!

100% comfort.
Our competitors’ products are often only passive, they do not offer fully functioning drive modes and thus offer only one suspension setting. Usually, the hard characteristic setting is selected. Customers lose all comfort alternatives.

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

100% repair shop support.
We actively support repair shops. For the easy exchange of air suspension modules, we offer detailed installation instructions, practice-oriented installation videos, a competent technical hotline, comprehensive theoretical and practical training as well as eye-catching marketing material for a professional consultation with your customers.

In the interest of your customers:
Protect your customers against uncertain quality of remanufactured parts. When only the air spring is replaced with a part of lesser quality and a used shock absorber and electromagnetic control valve are used again, neither you nor your customer knows the actual mileage of the shock.

0% old parts. 0% risk for you!
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 comply with current quality and environmental standards

Optimum innovation transfer from original equipment manufacturer for perfect OE replacement with optimum value for money!
High-quality remanufactured modules are engineered and manufactured in uncompromising OEM standards. Remanufactured components, especially air suspension modules, are subjected to wear. Learn how the inner values count.

**The original wear part is irreplaceable!**

The original material of the air suspension module is subjected to wear, which cannot be replaced.

**Superficially perfect.**

Remanufactured parts – look beyond skin-deep! A competitor’s product: The competition removes functionality.

**What is remanufactured?**

For many shock absorbers, remanufacturing the meeting of the following criteria is essential:

- Serviceability and functionality of the individual parts corresponds to the manufacturer’s specifications.
- All components, including the shock absorber or the air spring, are remanufactured.
- The outer values of the components are not modified. The inner values correspond to the manufacturer’s specifications. The remanufactured shock absorber corresponds to the performance of the original parts.

**Remanufactured on bag.**

With remanufactured modules, you pay for all components, including the original shock absorber, compensating for wear. With competitor products, the shock absorber is often replaced by a passive twin-tube gas-pressure shock absorber without a control valve. The remaining components, such as the control valve, do not correspond to the manufacturer’s specifications. If the shock absorber is worn out, it requires replacement, resulting in higher costs.

**Superficially perfect.**

With remanufactured air suspension modules the outer values are subject to wear. The air suspension valve, including electromagnetic valve, cannot replace wear. Remanufacturers claim their parts are equal to the original. So why not include all wear? Remanufactured parts look convincing on the surface, but their functionality is limited.

**Electromagnetic control valve.**

In remanufactured products, only the air spring is replaced, all other parts are worn out. With used donor shock absorbers potentially coming from the region of the shock absorber’s end of life, the mileage of the shock absorber is not traceable, which prolongs the service interval. The remanufactured shock absorber is programmed to deceive the OE electronic controls – defeating the corrosion resistant coating system. For instance, a competitor shock absorber may be designed to simulate a functioning electronic controls to avoid check engine lights and fault codes.

**Superficially perfect.**

The use of adaptive suspension features, maintaining their functionality, allows for a significant reduction in noise, vibration, and harshness (NVH). Remanufactured shock absorbers, including those that feature magnetic control valves, do not provide the same performance as the original OE shock absorbers. The electromagnetic control valve is often replaced by a passive twin-tube gas-pressure shock absorber – requiring a significantly higher rolling radius, instead of the flexible axial bellow shown here for the Mercedes-Benz W220. Since the working chamber remains the same size, the cross-ply bellow is subjected to a significantly higher level of wear – it cannot expand and collapse sufficiently.

**Superficially perfect.**

In contrast to OEM or BILSTEIN B4 air suspension modules, remanufactured air suspension modules are subjected to wear. Due to continuous movement, high mileage and exposure to oil, the inner values become limited to one driving mode – a compromised solution. By paying for adaptive suspension features, you expect full functionality, including damping power adjustment and different driving modes. Competitor electromagnetic control valves can be programed to deceive the OE electronic controls – defeating the corrosion resistant coating system. For instance, a competitor shock absorber may be designed to simulate a functioning electronic controls to avoid check engine lights and fault codes.

**Superficially perfect.**

Stay away from overworked parts! With remanufactured air suspension modules, the inner values count. The inner values are the original parts and cannot be replaced. With air suspension modules, all components are subjected to wear. The performance of the remanufactured module is limited to one driving mode – a compromised solution. By paying for adaptive suspension features, you expect full functionality, including damping power adjustment and different driving modes. By paying for adaptive suspension features, you expect full functionality, including damping power adjustment and different driving modes. Only by changing all wear parts, including electromagnetic control valve remains included. With remanufactured air suspension modules only the air spring is replaced - the old shock absorber is in exchange lead to demonstrably worse driving character-

**Superficially perfect.**

The original wear part is irreplaceable except by the BILSTEIN original! The original wear part is irreplaceable: except by the BILSTEIN original! The inner values count.

**What is remanufactured?**

For many shock absorbers, remanufacturing the meeting of the following criteria is essential:

- Serviceability and functionality of the individual parts corresponds to the manufacturer’s specifications.
- The outer values of the components are not modified. The inner values correspond to the manufacturer’s specifications. The remanufactured shock absorber corresponds to the performance of the original parts.

**What is remanufactured?**

For many shock absorbers, remanufacturing the meeting of the following criteria is essential:

- Serviceability and functionality of the individual parts corresponds to the manufacturer’s specifications.
- The outer values of the components are not modified. The inner values correspond to the manufacturer’s specifications. The remanufactured shock absorber corresponds to the performance of the original parts.

**Superficially perfect.**

Remanufactured parts – look beyond skin-deep! Competitor’s electromagnetic control valve:

- The competition removes functionality.
- Superficially perfect.
- Remanufactured parts – look beyond skin-deep! A competitor’s product: The competition removes functionality.

**Superficially perfect.**

Remanufactured parts – look beyond skin-deep! A competitor’s product: The competition removes functionality.

**Superficially perfect.**

Remanufactured parts – look beyond skin-deep! A competitor’s product: The competition removes functionality.

**Superficially perfect.**

Remanufactured parts – look beyond skin-deep! A competitor’s product: The competition removes functionality.
We are here to see you succeed today, so that your customers are satisfied tomorrow.

The BILSTEIN Academy.
World-wide, leading car manufacturers trust us for one reason: Our technology and the quality set the highest standards. Every development represents a new milestone and reflects our pioneering spirit — a drive that is inherent in each of our products. The same standards also apply to our support of the repair shops.

As you grow familiar with our products, their ease of installation and design, you will benefit from high customer satisfaction and loyalty.

Knowledge is the basis for our success. This was already the idea of our founder, August Bilstein, when he founded our company in 1873. Since then, it has been the mantra of our technicians, engineers and managers who use and pass on their knowledge on a daily basis.

The BILSTEIN Academy offers tailor-made practical seminars for every application, every operation and every requirement, conveying elementary knowledge on shock absorbers, suspensions and, naturally, air suspension modules. Our selection includes informative theoretical units and permanent practical impressions, which benefit your customers daily in the form of a competent service and thus increase your sales in the long term.

Contact:
For more information or specific inquiries visit our website bilstein.com.

We are here to see you succeed today, so that your customers are satisfied tomorrow.

Step by step become an air suspension professional.

In the past, independent repair shops have been faced with repairs on old-school steel suspension almost exclusively. This has lead to a fear of the unknown when it comes to working on air suspension modules. There’s no reason to fear technology and air suspension maintenance if you follow a few basic rules. In order to make it easy for repair shops to get started working with air springs, we supply detailed installation instructions and practical installation videos for all components. Check out our YouTube channel.

Content of the training events:
• Various designs of air suspension
• Functional principle and benefits of the passive and active suspension systems
• Competitor products (from the remanufacturing segment)
• Product overviews
• Options for setting, characteristics and system description of various products
• Damage symptoms
• Installation instructions
• Installation instructions per vehicle model

In order to support your efforts, interested workshops will receive detailed on-site consultations and training opportunities. Our training seminars include exciting background information and hands-on installation tips for BILSTEIN air spring modules.

Step by step become an air suspension professional.
Always up to date with BILSTEIN.COM!

All information about the BILSTEIN B4 air suspension module can be found on-line in our web special at: bilstein.com

The web special shows you once again the fundamental differences in design and function between spare parts from BILSTEIN and those of other manufacturers. In addition, you will find here the most important product benefits of the BILSTEIN B4 air suspension modules and the shortest route to our vehicle-specific installation instructions and videos via the simple text entry of car make and model.

In the download area, you can download all the communication media for the BILSTEIN B4 air suspension module.

 OE REPLACEMENT?
 TRUST THE ORIGINAL EQUIPMENT MANUFACTURER!

Build a future for your business with BILSTEIN.
As more and more vehicle manufacturers opt for factory-fitted air suspension technology benefit from BILSTEIN’s large portfolio of OE quality market coverage.

With BILSTEIN, you customers’ vehicles keep their identity: true originals.
Our uncompromising quality is the reason manufacturers such as Mercedes-Benz trust in us. With our range of OE quality spare parts, you can be perfectly equipped to deal with your day-to-day business demands – repair solutions at OE quality and competitive prices. Made in Germany.

Our additional services help you meet the high demands of your customers: fix it right the first time, in the first day.
The current portfolio of BILSTEIN B4 air suspension modules includes applications for models of the brands BMW, Jaguar, Land Rover, Mercedes-Benz and Porsche. The range is continuously expanded by additional applications. Support for part identification installation support.

On the following pages, you will find all relevant information on part identification and important detail instructions on installation. Please use the key to decide which BILSTEIN product you need for which vehicle specification. This is the only way to ensure optimum OE replacement for your customers.

Installation support

All information on the web.

Just use our well-arranged BILSTEIN B4 air suspension module microsite in your daily business. There, you will find important and up-to-date information on our applications.

- Current overview of the available applications
- Practical installation videos
- Contact our technical hotline
- Theoretical and practical trainings
- Download of supporting marketing materials for advising your customers

bilstein.com
**MERCEDES-BENZ**

**MERCEDES-BENZ C-CLASS T-Model (S205)**

<table>
<thead>
<tr>
<th>Type</th>
<th>with standard chassis; with sports suspension; Type: Avantgarde</th>
</tr>
</thead>
<tbody>
<tr>
<td>C 200 4-matic, C 220 4-matic, C 250 4-matic, C 250 4-matic BlueTEC, 4-matic</td>
<td>105 - 180 kW</td>
</tr>
<tr>
<td>C 220 4-matic, C 300 4-matic, C 220 d 4-matic, C 250 d 4-matic BlueTEC, 4-matic</td>
<td>125 - 245 kW</td>
</tr>
<tr>
<td>C 350</td>
<td>105 - 205 kW</td>
</tr>
<tr>
<td>C 500</td>
<td>105 - 205 kW</td>
</tr>
</tbody>
</table>

**MERCEDES-BENZ E-CLASS T-Model (S211)**

| with standard chassis; with sports suspension; Type: Avantgarde |
| E 180, E 200, E 300, E 350, E 350 4-matic, E 220 d, E 300 d | 02/95 - 05/03 | 100 – 220 kW |
| E 200 Kompressor, E 200, E 300, E 350, E 350 4-matic, E 220 d, E 300 d | 05/03 - 05/07 | 100 – 220 kW |
| E 200 CDI, E 220 CDI, E 270 CDI, E 300 CDI, E 320 CDI, E 420 CDI | 05/07 - 05/09 | 100 – 220 kW |

**MERCEDES-BENZ CLS (C257)**

| with standard chassis; with sports suspension; Type: Avantgarde |
| E 200 Kompressor, E 220, E 250, E 300, E 320, E 350, E 350 4-matic | 07/05 - 11/01 | 100 – 220 kW |
| E 220 d 4-matic, E 300 d 4-matic, E 500 d 4-matic | 01/01 - 10/02 | 100 – 220 kW |

**MERCEDES-BENZ E-CLASS All-Terrain (S231)**

| with standard chassis; for pneumatic suspension vehicles; for PR number: 408 |
| E 220 4-matic, E 300 4-matic, E 350 4-matic | 01/01 - 07/04 | 145 – 165 kW |

**MERCEDES-BENZ E-CLASS Coupe (C238)**

| with standard chassis; for pneumatic suspension vehicles; for PR number: 408 |
| E 200, E 300, E 220 d | 01/05 - 11/06 | 120 – 160 kW |

**MERCEDES-BENZ E-CLASS S-Model (W222)**

| with standard chassis; for pneumatic suspension vehicles; for PR number: 408 |
| S 350, S 600 | 01/05 - 12/08 | 360 – 560 kW |

**MERCEDES-BENZ E-CLASS T-Model (S213)**

| with Airmatic DC; for special armoured vehicles with armour class: B7; Type: Pullman |
| E 200 Kompressor, E 220, E 250, E 300, E 350, E 350 4-matic, E 220 d, E 300 d | 05/03 - 05/07 | 100 – 220 kW |
| E 200 Kompressor, E 220, E 250, E 300, E 350, E 350 4-matic, E 220 d, E 300 d | 05/07 - 05/09 | 100 – 220 kW |
| E 220 d 4-matic, E 300 d 4-matic, E 500 d 4-matic, E 350 4-matic, E 320 CDI, E 320 CDI | 05/09 - 12/08 | 100 – 220 kW |
| E 55 AMG Kompressor, E 63 AMG | 01/10 - 07/12 | 550 – 780 kW |

**MERCEDES-BENZ S-CLASS (W221)**

| with Airmatic DC; for special armoured vehicles with armour class: B7; Type: Pullman |
| S 350, S 600 | 01/05 - 12/09 | 360 – 560 kW |

**MERCEDES-BENZ S-CLASS (W222)**

| with Airmatic DC; for special armoured vehicles with armour class: B7; Type: Pullman |
| S 350, S 600 | 01/05 - 12/09 | 360 – 560 kW |

**MERCEDES-BENZ S-CLASS (S222)**

| with Airmatic DC; for special armoured vehicles with armour class: B7; Type: Pullman |
| S 350, S 600 | 01/05 - 12/09 | 360 – 560 kW |

**MERCEDES-BENZ E-CLASS S-Model (W211)**

| with Airmatic DC; for special armoured vehicles with armour class: B7; Type: Pullman |
| E 200 Kompressor, E 220, E 250, E 300, E 350, E 350 4-matic, E 220 d, E 300 d | 05/03 - 05/07 | 100 – 220 kW |
| E 200 Kompressor, E 220, E 250, E 300, E 350, E 350 4-matic, E 220 d, E 300 d | 05/07 - 05/09 | 100 – 220 kW |
| E 220 d 4-matic, E 300 d 4-matic, E 500 d 4-matic, E 350 4-matic, E 320 CDI, E 320 CDI | 05/09 - 12/08 | 100 – 220 kW |
| E 55 AMG Kompressor, E 63 AMG | 01/10 - 07/12 | 550 – 780 kW |

**MERCEDES-BENZ S-CLASS (S223)**

| with Airmatic DC; for special armoured vehicles with armour class: B7; Type: Pullman |
| S 350, S 600 | 01/05 - 12/09 | 360 – 560 kW |

**MERCEDES-BENZ E-CLASS T-Model (S211)**

| with Airmatic DC; for special armoured vehicles with armour class: B7; Type: Pullman |
| E 200 Kompressor, E 220, E 250, E 300, E 350, E 350 4-matic, E 220 d, E 300 d | 05/03 - 05/07 | 100 – 220 kW |
| E 200 Kompressor, E 220, E 250, E 300, E 350, E 350 4-matic, E 220 d, E 300 d | 05/07 - 05/09 | 100 – 220 kW |
| E 220 d 4-matic, E 300 d 4-matic, E 500 d 4-matic, E 350 4-matic, E 320 CDI, E 320 CDI | 05/09 - 12/08 | 100 – 220 kW |

**MERCEDES-BENZ S-CLASS (W223)**

| with Airmatic DC; for special armoured vehicles with armour class: B7; Type: Pullman |
| S 350, S 600 | 01/05 - 12/09 | 360 – 560 kW |

**MERCEDES-BENZ S-CLASS (S222)**

| with Airmatic DC; for special armoured vehicles with armour class: B7; Type: Pullman |
| S 350, S 600 | 01/05 - 12/09 | 360 – 560 kW |
MERCEDES-BENZ

MERCEDES-BENZ GLC (X253)

B4 A213
350 e 4-matic
10/16 – 155 – 235 kW
44-262884 10-263901 10-263901
for pneumatic suspension vehicles; with electronic suspension control; for PR number: 489, for PR number: 806, for PR number: 807

MERCEDES-BENZ VITO / MIXTO Box (W639)

B4 A246
GL 350 CDI / BlueTec 4-matic
11/05 – 12/12 120 – 200 kW
44-266202 10-261316 10-261316
for pneumatic suspension vehicles

MERCEDES-BENZ VITO V / VITO / VITO S (W639)

B4 A246
GL 350 CDI / BlueTec 4-matic
11/05 – 12/12 120 – 200 kW
44-266202 10-261316 10-261316
for pneumatic suspension vehicles

Porsche

PORSCHE CAYENNE (BPA)

B4 A131
3.6, 3.8, 4.5, Turbo 4.5, S 4.5, 4.5, Turbo 5 4.8, 5.0 TDI
09/02 – 12/02
45-240989 45-240989 45-240989
for pneumatic suspension vehicles; with electronic suspension control; for PR number: 489

PORSCHE CAYENNE (9CA)

B4 A131
3.6, 3.8, 4.5, Turbo 4.5, S 4.5, 4.5, Turbo 5 4.8, 5.0 TDI
09/02 – 12/02
45-240989 45-240989 45-240989
for pneumatic suspension vehicles; with electronic suspension control; for PR number: 489

PORSCHE MACAN (95B)

B4 A131
2.8
01/04 – 174 kW
45-240984 45-277778 45-277778
for pneumatic suspension vehicles; for PR number: 128

VW

VW PHAETON (3D1, 3D2, 3D3, 3D4, 3D6, 3D7, 3D8, 3D9)

AMC B4
4.2 V8 4motion, 6.0 W12 4motion, 3.0 V6 TDI 4motion, 111 CDI, 111 CDI 4x4, 113 CDI, 113 CDI 4x4, 113 CDI 4x4, 115 CDI, 116 CDI 4x4, 120 CDI, 122 CDI
09/03 – 07/08 65 – 190 kW
44-266202 10-261316 10-261316
for pneumatic suspension vehicles; with electronic suspension control; for PR number: 128

VW

VW T6 Transporter (7H, 7M, 7N, 7P, 7Q, 7R)

AMC B4
3.6, 3.8, 3.8, 4.5, Turbo 4.5, S 4.5, 4.5, Turbo 5 4.8, 5.0 TDI
09/02 – 12/02
45-240984 45-277778 45-277778
for pneumatic suspension vehicles; with electronic suspension control; for PR number: 128

VW

VW T5, T6 Transporter, Multivan, Caravelle (7H, 7M, 7N, 7P, 7Q, 7R)

AMC B4
3.6, 3.8, 3.8, 4.5, Turbo 4.5, S 4.5, 4.5, Turbo 5 4.8, 5.0 TDI
09/02 – 12/02
45-240984 45-277778 45-277778
for pneumatic suspension vehicles; with electronic suspension control; for PR number: 128

VW

VW T5, T6 Transporter, Multivan, Caravelle (7H, 7M, 7N, 7P, 7Q, 7R)

AMC B4
3.6, 3.8, 3.8, 4.5, Turbo 4.5, S 4.5, 4.5, Turbo 5 4.8, 5.0 TDI
09/02 – 12/02
45-240984 45-277778 45-277778
for pneumatic suspension vehicles; with electronic suspension control; for PR number: 128

VW

VW T5, T6 Transporter, Multivan, Caravelle (7H, 7M, 7N, 7P, 7Q, 7R)

AMC B4
3.6, 3.8, 3.8, 4.5, Turbo 4.5, S 4.5, 4.5, Turbo 5 4.8, 5.0 TDI
09/02 – 12/02
45-240984 45-277778 45-277778
for pneumatic suspension vehicles; with electronic suspension control; for PR number: 128
WE ARE AT YOUR SIDE.

Important installation instructions: short, concise & at a glance!

On exchange or installation of an air suspension module, the respective instructions must be observed, as a faulty installation can lead to irreparable damage to the new part and / or vehicle. Make sure that only technically qualified and trained staff undertake an exchange of an air suspension module and that the applicable safety regulations are complied with. Make sure that BILSTEIN air suspension modules are always replaced in pairs (per axle).

Air suspension modules are left-right parts. Therefore, check the corresponding affiliation before installation. Comply with the instructions of the vehicle manufacturer during all work steps (for example, receiving points, venting and filling the air suspension module with the appropriate diagnostic device, renewal of screws and self-locking nuts, tightening torques, series height, lifting mode, etc.). Never use power tools during installation, such as, e.g., pneumatic screwdriver.

Step by step to successful repair:

1. Turn off the ignition and always disconnect the ignition key when working on the air suspension modules.
2. Determine the height of the vehicle between wheel hub centre to the bottom edge of the front fender. Attention! This is only possible if the air suspension modules are intact.
3. Perform a leak test after successful installation.
4. Lower the vehicle with the lifting device until the wheels come into contact with the ground for the first time, and start the engine. Run the engine for at least two minutes and then lower the vehicle with the engine running to the previously determined level or to the standard altitude.
5. Activate, insofar as available, the lifting mode of the vehicle. Wait until the vehicle lifts itself from the lifting device. A complete draining of the lifting device is only allowed if the vehicle has lifted independently, or if the proper and sufficient filling is guaranteed.
6. Always align the axles after working on suspension parts. When necessary, reconfigure the vehicle’s height regulation.

More details about the installation can be found in our further documents and the respective installation instructions.