

INSTALLATION INSTRUCTIONS.



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General information:

- Do not store struts below -15 °C or above 50 °C
- Disassembly and installation may only be performed by fully qualified and certified personnel at a specialist garage
- Special car manufacturer's tools and equipment are required for replacement work
- Check air pipes and cables – replace if damaged
- Caution: The vehicle and the air spring may be damaged if replacement work is not carried out according to the instructions or in a different order
- BILSTEIN air springs may only be replaced as a set

Removing the rear air spring

- Raise vehicle



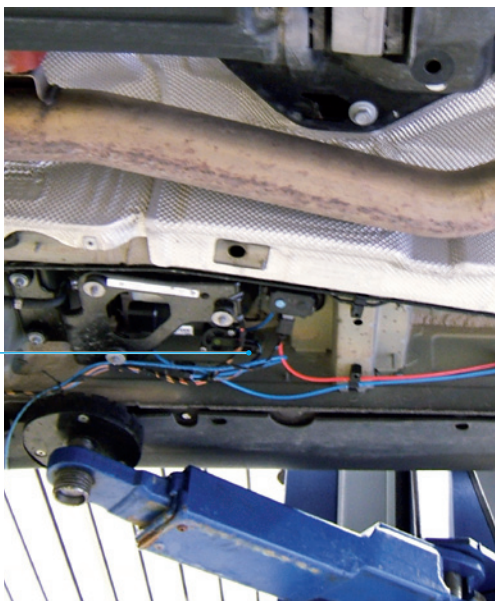
Use the vehicle lifting points prescribed by the car manufacturer.

Danger of fatal injury due to vehicle slipping.



The ignition must remain switched off while working on the air spring.

- Remove wheel
- Remove the vehicle floor trim panel on the right in order to expose the distributor block ① of the air spring line system



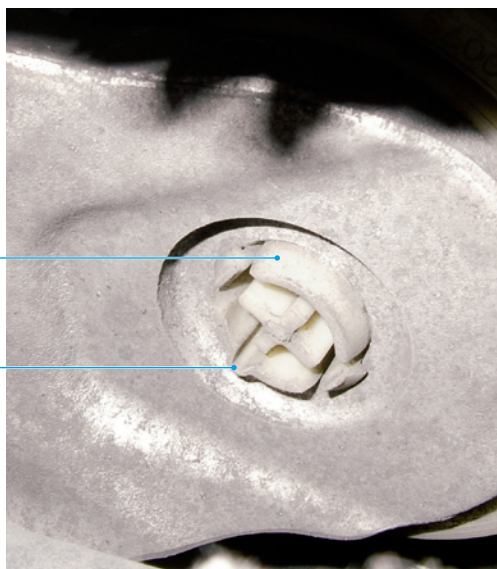
- Slowly loosen pressure line connector on distributor block and allow any air to escape
- Red line – left air spring; ②
Blue line – right air spring ③



CAUTION Air pressure! Release connection slowly and allow air to escape.



- Loosen the air spring catch on the underside of the axle leg and press the air spring up and out ④



- Rotate air spring approximately 30° anti-clockwise to loosen the upper connection and remove downwards



Do not twist, fold or crimp pressure line.

- Unscrew pressure line connector at the top of the spring **5**
- Seal pressure line with plug during work
- Remove protective bellows **6** and pressure line from the air spring
- Remove air spring



Installing the rear air spring



Fully tighten all movable, suspension-related screw connections only when the vehicle is in ready-to-drive condition, observing the manufacturer's specifications and tightening torques.

- Replace self-locking nuts
- Detach pressure line connector from the new air spring; **do not remove the plastic plug in advance!**
- If necessary, replace old pressure line connector with new parts, ensuring correct installation of cone ring (cone pointing towards the line)



- Mount protective bellows **6** with pressure line on air spring
- Screw pressure line connector into air spring to 3 Nm
- Guide air spring into upper holder and rotate clockwise as far as it will go
- Position air spring in axle leg, paying attention to the alignment of the twist prevention device **7**
- Press air spring by hand into the axle leg holder under it clicks audibly into place.
- Mount pressure line connector (**2** and **3**) on distributor again
- Connect diagnostic system and switch on ignition
- Fill air spring using diagnostic system



Never completely lower the vehicle from the hoist with the air suspension unpressurised.

- Check system for leaks
- Mount the floor trim panel
- Fit wheel
- Lower vehicle from hoist
- Fully tighten screw connections loosened during replacement work in accordance with the car manufacturer's specifications

Note: BILSTEIN shall accept no liability whatsoever for damage to the vehicle and parts resulting from incorrect replacement. Any changes to the air spring module will render the warranty null and void.