

Installation instructions for BILSTEIN Article No: 40-221601 / 40-221618

General information:

- Do not store air spring below -15°C or above 50°C.
- Disassembly and installation may only be performed by fully qualified and certified personnel at a specialised workshop.
- Special car manufacturer's tools and equipment are required!
- Check air pipes and cables and replace if necessary.

- Caution! Damage to the vehicle and the air suspension module can occur if work is carried out in a manner other than that specified in the instructions or in a different order.
- BILSTEIN air springs must always be replaced as a set.
- Air springs are left & right-hand parts; left = red / right = blue

Removal of old air spring

- Lift vehicle.



Use the chassis jacking points prescribed by the manufacturer. Risk of fatal injury if the vehicle slips off the lifting platform.

- Remove wheel.

- Remove trunk floor trim.



The ignition must remain switched off during work on the air suspension module.



Remove the fuse of the air supply system.

- Loosen the pressure line connection at the pressure tank ①.



Do not twist, bend or pinch the air line.



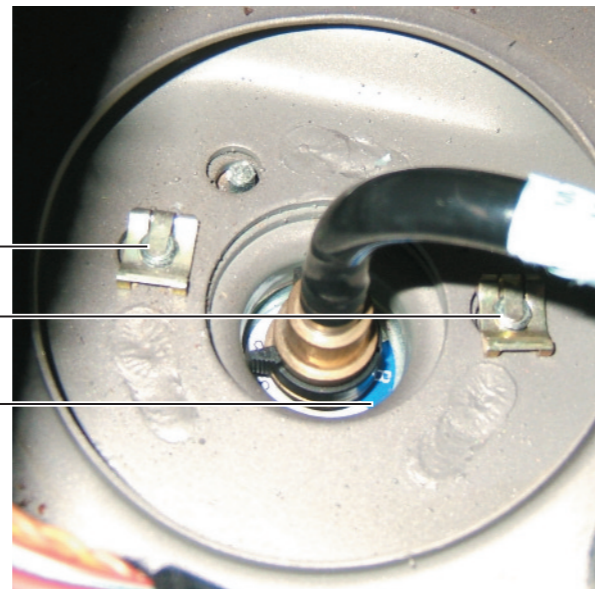
Air pressure!
Loosen slowly and allow air to escape.



- Once air pressure has been fully relieved, re-tighten pressure line connection with 2 Nm torque.

- Push down plug-in coupling, compress lock ring ② and pull to remove air line.

- Remove clips ③.



- Unfasten retaining clip at wheel carrier and remove air spring ④.



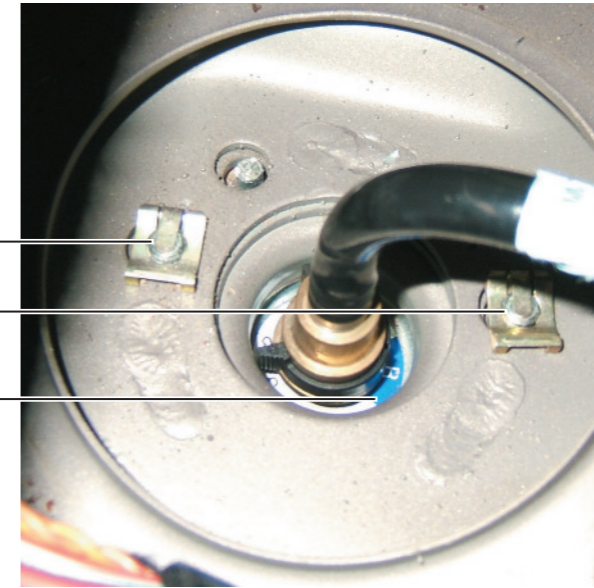
Installation of new air spring

- Place air spring with protective cap in upper seating and fix with clips ⑤.

- Mount plug-in coupling ⑥.



Lock ring must click in audibly.

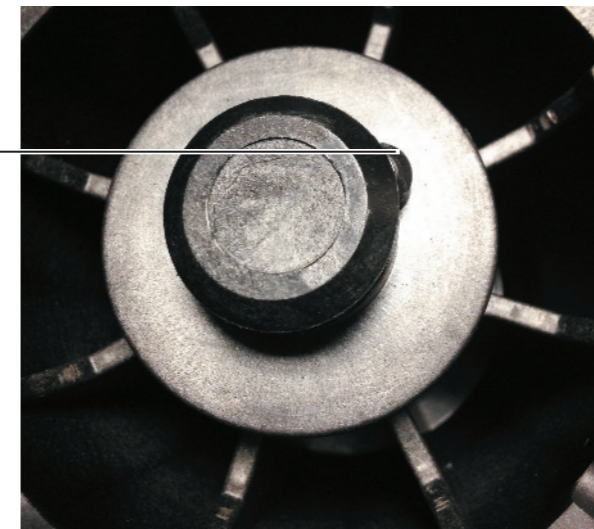


- Raise wheel carrier with a jack.

- Place air spring into wheel carrier and fasten with retaining clip.



The nib of the air spring must lie in the recess of the wheel carrier ⑦.



- Mount wheel.

- Re-install trunk floor trim.



Never fully lower the vehicle from the lifting platform with no pressure in the air spring.

- Return air supply fuse.

- Connect OBD system and start ignition.

- Fill air spring via the OBD system.



Before the vehicle is used, check that the air spring is inflated correctly with no creases or buckles in the rubber Sleeve.



- Lower vehicle from lifting platform.

- Check system for leaks.

- Fully tighten any screws which may have been loosened in accordance with the car manufacturer's specifications.

Note:
BILSTEIN does not accept any liability for damage to the vehicle or parts resulting from incorrect replacement. All modifications to the air spring module will result in the termination of the warrant.