

# INSTALLATION INSTRUCTIONS.

45-240256 / 45-240263



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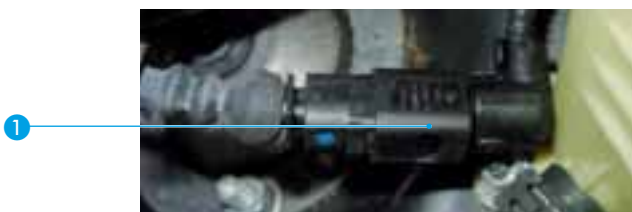
## BILSTEIN Article No.: 45-240256 / 45-240263

### General information:

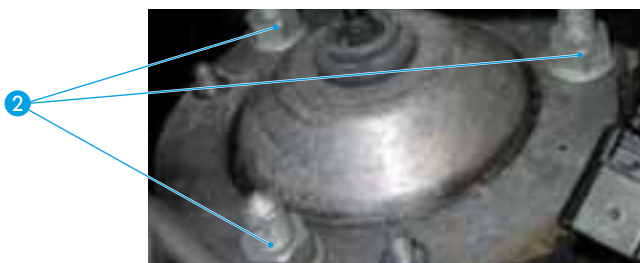
- Do not store struts below -15°C or above +50°C
- Disassembly and installation may only be performed by fully qualified and certified personnel at a specialist workshop
- Special car manufacturer's tools and equipment are required for replacement work!
- Check air pipes and cables – renew if damaged
- Caution! The vehicle and the air suspension module may be damaged if replacement work is not carried out according to the instructions or in a different order
- BILSTEIN shock absorbers may only be replaced as a set
- Air springs are left and right-hand parts

### Dismantling the front axle strut

- Activate the vehicle's jacking mode
- Remove any parts (fuel filter etc.) located above the spring strut in the engine compartment
- Disconnect the plug-in connection ①



- Remove the nuts on the strut tower and remove ring ②



- Raise vehicle



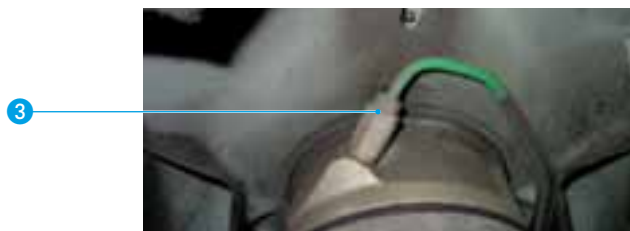
Use the chassis lifting points prescribed by the car manufacturer. Risk of serious bodily injury or death due to the vehicle slipping.

- Remove wheel
- Vent air from strut with OBD system



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

- Unscrew pressure line connection on upper end of suspension strut ③



Do not twist, fold or crimp air line.

- Seal line with plug during work
- Pull the pin ④ in the height sensor down and out and release the coupling rod

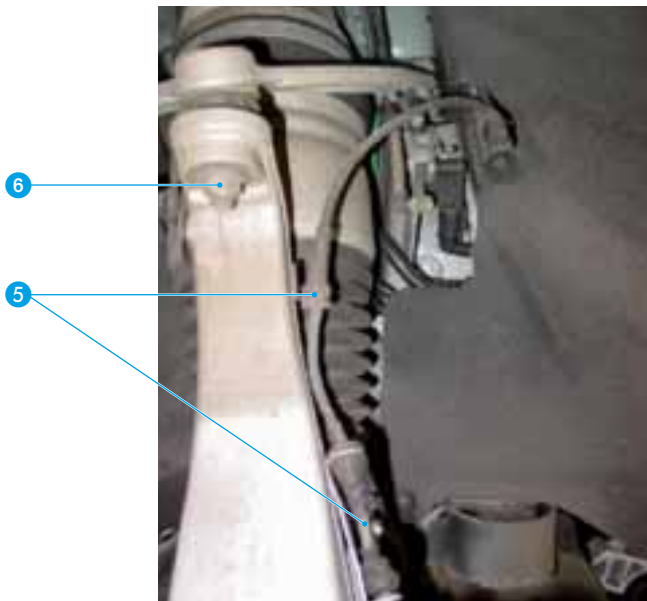


- Disconnect or remove any cables and retainers on the wheel bearing housing ⑤

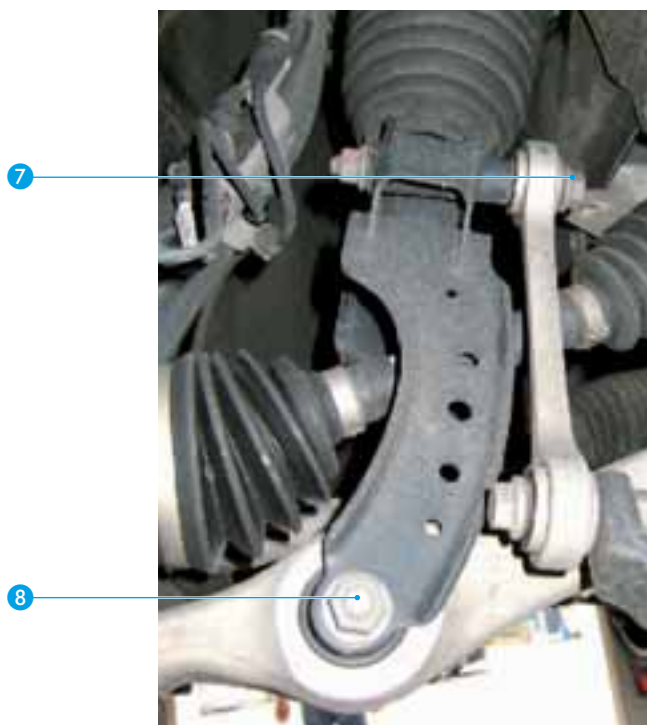
- Prop up the wheel bearing housing
- Loosen nut 6 on tapered pin on upper suspension arm, but do not unscrew it completely yet



To protect the thread, leave the nut a few turns on the pin.



- Press out the axle guide at the top with the appropriate tool and unscrew nut
- Swing wheel bearing housing outwards
- Unscrew coupling rod 7
- Unscrew spring strut on suspension arm 8



- Remove strut from below

## Installing the front strut



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
- Reassemble the BILSTEIN strut in reverse order of disassembly
- Detach pressure line connector from BILSTEIN air suspension module; 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)



Never completely lower the vehicle from the lifting platform with unpressurised air suspension.

- Connect the OBD system and start ignition
- Fill air spring strut using OBD System
- Lower vehicle from lifting platform
- Check air suspension system for leaks
- Fully tighten screw connections loosened during replacement work in accordance with the car manufacturer's specifications

**Note:** Manufacturer shall not be liable for any injury, loss or damage resulting from any improper alteration, disassembly, handling, installation, service, repair or use of this product, including but not limited to the failure to follow the foregoing instructions. Improper alteration, disassembly, handling, installation, service, repair or use of this product will void the product warranty.