

# INSTALLATION INSTRUCTIONS.

**45-240713 / 45-240720 / 45-241727 / 45-241934 / 45-240690 / 45-240706**



# INSTALLATION INSTRUCTIONS.

**BILSTEIN Article No.: 45-240713 / 45-240720 /  
45-241727 / 45-241934 / 45-240690 / 45-240706**

## General information:

- Do not store struts below -15°C and 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 – 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

## Dismantling the front strut



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

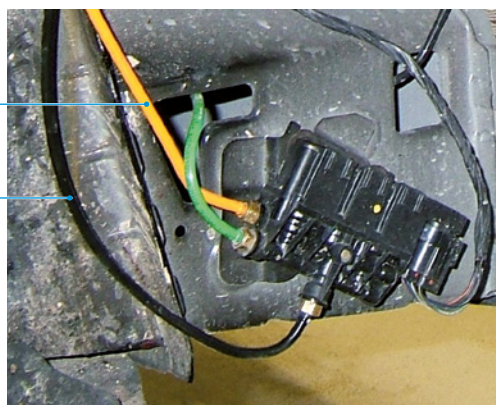
- Raise vehicle

Hier eine genauere Übersetzung: Use the chassis hoist attachment points prescribed by the car manufacturer.

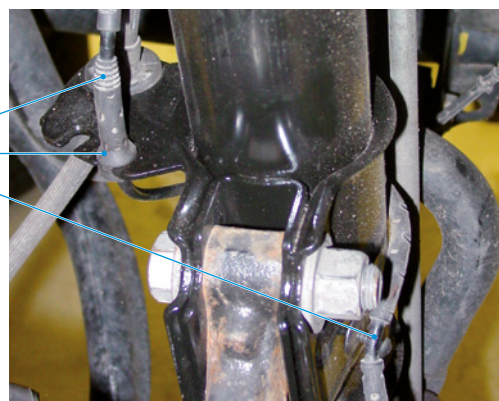


Risk of serious bodily injury or death due to the vehicle slipping.

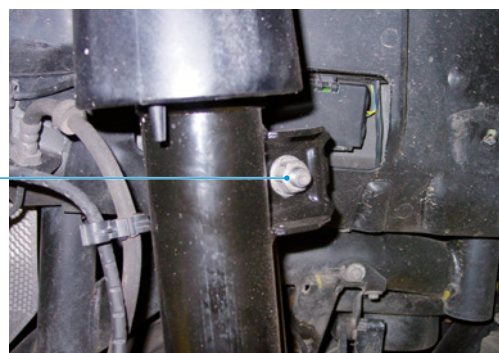
- Remove wheel
- Remove wheelhouse cover
- Slowly loosen pressure line at valve block (wheelhouse on the right-hand side) and allow pressure to escape  
black line – left strut ①  
orange line – right strut ②



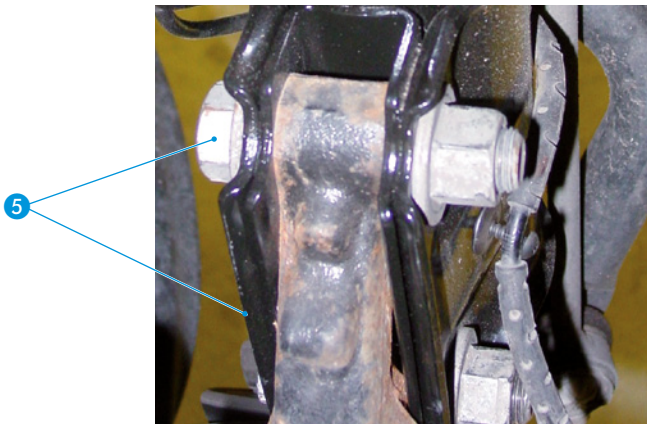
- Detach brake hose, ABS cable and (if necessary) electrical line of the brake pad wear sensor from suspension strut. ③



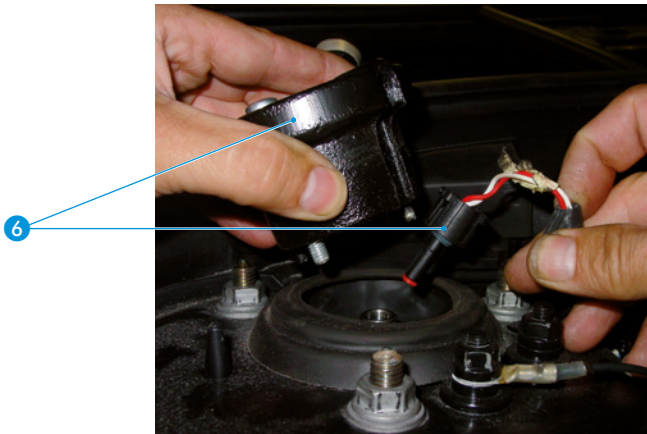
- Disconnect coupling rod from suspension strut ④



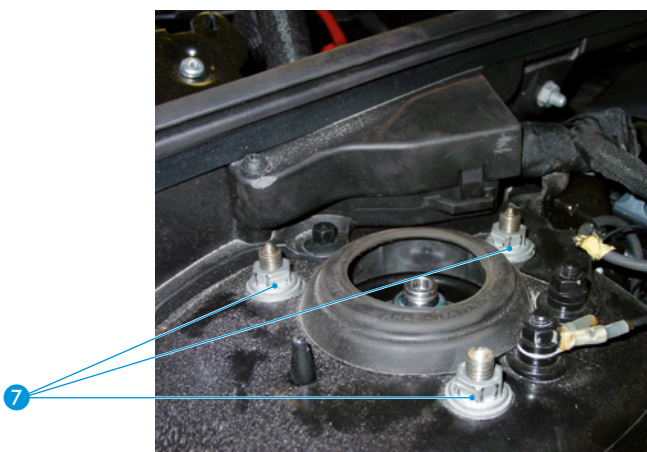
- Remove nuts and bolts from suspension strut mounting on axle leg **5**



- Where applicable, remove balance weight on top of strut and disconnect shock absorber plugs **6**



- Remove nuts on suspension strut tower **7**

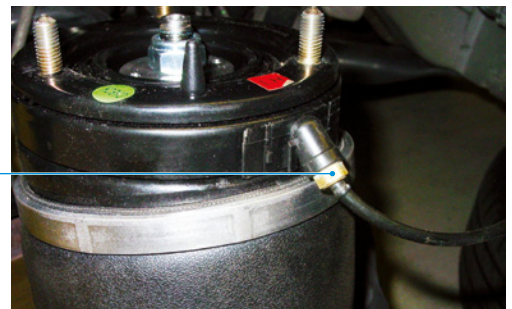


- Remove suspension strut downwards
- Unscrew pressure line connection at top of the strut **8**



Do not twist, fold or crimp pressure line.

- Seal pressure line with plug during work



## Installing the front strut



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

- Replace self-locking nuts
- Install BILSTEIN strut in reverse order, similar to disassembly
- Detach the pressure line connection from the new air suspension module, do not remove plastic plug in advance!
- If necessary, replace old pressure line connector with new parts. Ensure correct installation of cone ring (cone pointing towards the line)
- Connect OE Manufacturer OBD system and start ignition
- Fill air suspension strut via OBD System



Warning: never lower the vehicle from the lifting platform with an unpressurised air suspension / air suspension module! Use a diagnostics device for filling!

- 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.

# Important instruction for installation.



**Replace BILSTEIN B3 air suspension or  
BILSTEIN B4 air suspension module.**

Warning: never lower the vehicle from the lifting platform with  
an unpressurised air suspension / air suspension module!  
Use a diagnosis device for filling!