

**Warning!**

Danger of injury!

Drain the air spring system before carrying out any work on the air supply unit, air pipes and air springs! Danger of injury if this instruction is not complied with!

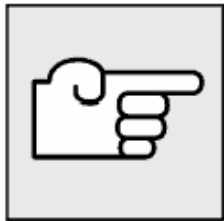
Risk of damage!

The vehicle must not stand on its wheels when the air spring struts and air springs are depressurized! Otherwise the air spring struts and air springs will be damaged and later destroyed during driving!

Extreme cleanliness must be ensured in the connection area of the pipes during removal and installation. Even the smallest of dirt particles can cause leakage in the air spring system.

*Note:*

Read and comply with notes on air spring system.

**Deactivating air spring system:**

- Raise vehicle on lifting platform.
- Remove ignition key.
- Pull fuse for control unit

**Draining air spring system:**

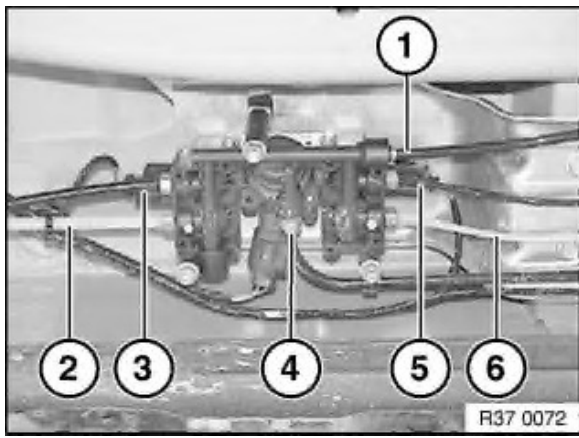
- Remove right underbody panelling

**Important!**

Risk of damage!

Do not kink, twist or crush pipes.

To avoid incorrect activation of the air spring struts and air springs, do mix up the pipes at the valve unit connection.

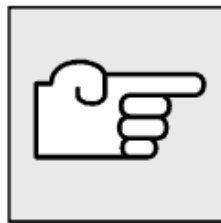


- Carefully slacken banjo bolt(s) until the sound of escaping air can be heard

Note: Wait roughly 2 minutes until the pressure in the relevant line of the air spring system is completely reduced (hissing sound stops).

1	Black	Line to air supply unit
2	Yellow	Line to right air spring strut
3	Black	Line to left air spring strut
4	Black	Line to air accumulator
5	Black	Line to left air spring
6	Yellow	Line to right air spring

- Only fully release banjo bolt(s) after pressure has completely reduced



*Installation:*

- Check banjo bolt(s) for dirt, clean if necessary.
- Carefully insert banjo bolt(s) by hand in order to avoid damaging valve unit

Tightening torque 37 12 3AZ .



**Activating and filling air spring system:**

- Insert fuse in corresponding slot in fuse box
- Connect BMW diagnosis system
- Switch ignition on
- Fill front left or right air spring strut using the BMW diagnosis system (control unit functions -> component activation: activate menu items "Fill left/right air spring strut" once each)
- Fill rear left or right air spring strut using the BMW diagnosis system (control unit functions -> component activation: activate menu items "Fill rear left/right air spring" once)
- Check pressure at air spring struts and air springs

Note: If an air spring strut or an air spring feels soft, carry out troubleshooting on the air supply unit.

- Set vehicle down on its wheels
- Reinstall removed parts