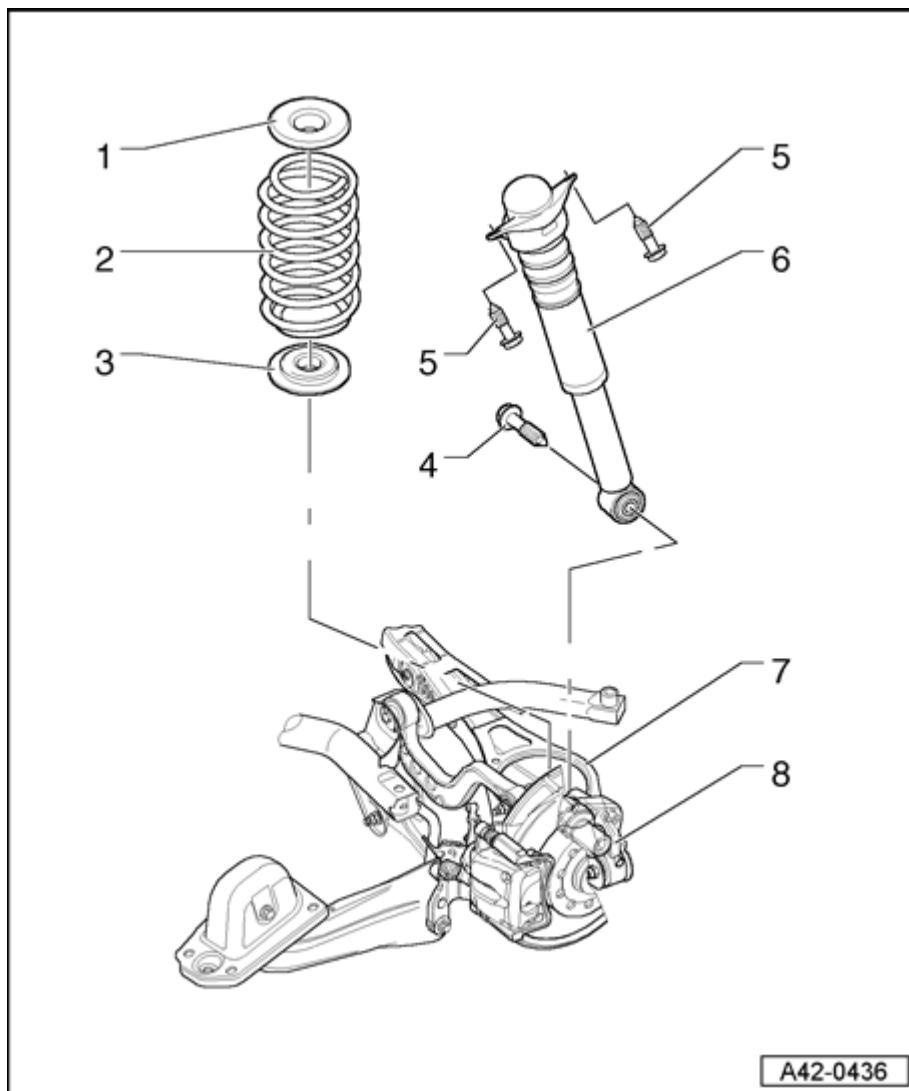


Shock absorber, coil spring, assembly overview



- **Upper spring support**
- **Coil spring**
 - Note different suspension versions, ⇒ [44-6, Vehicle data sticker](#)
 - Removing and installing ⇒ [42-6, Coil spring, removing and installing](#)
- **Lower spring support**
 - End of spring turned to stop

- **Bolt**

- Torque specification ⇒ [Topic 42-3](#)

- **Bolt**

- Torque specifications ⇒ [Topic 42-3](#)
- Always replace after removal

- **Shock absorber**

- Removing and installing ⇒ [42-6, Shock absorber, removing and installing](#)
- Note different suspension versions, ⇒ [44-6, Vehicle data sticker](#) vehicle data plate.

- **Lower transverse link**

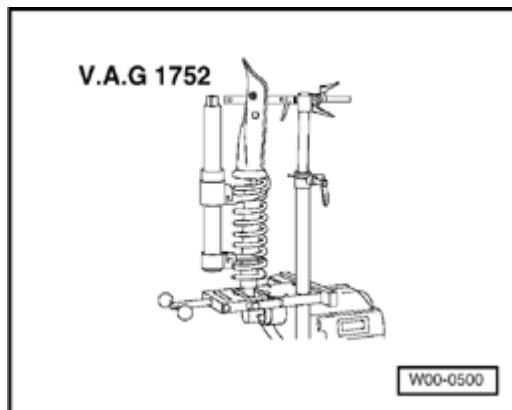
- Removing and installing ⇒ [42-4, Lower transverse link, removing and installing](#)

- **Wheel bearing housing**

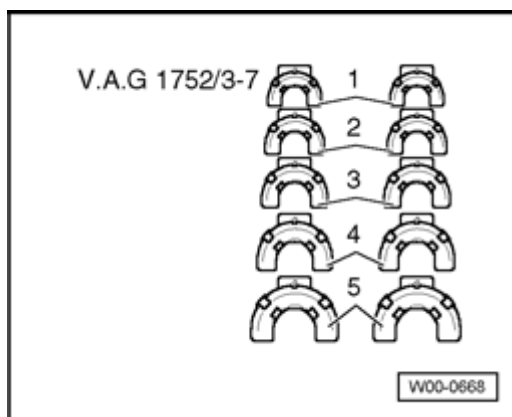
- Removing and installing ⇒ [42-5, Wheel bearing housing, removing and installing](#)

Coil spring, removing and installing

Special tools, testers and auxiliary items required



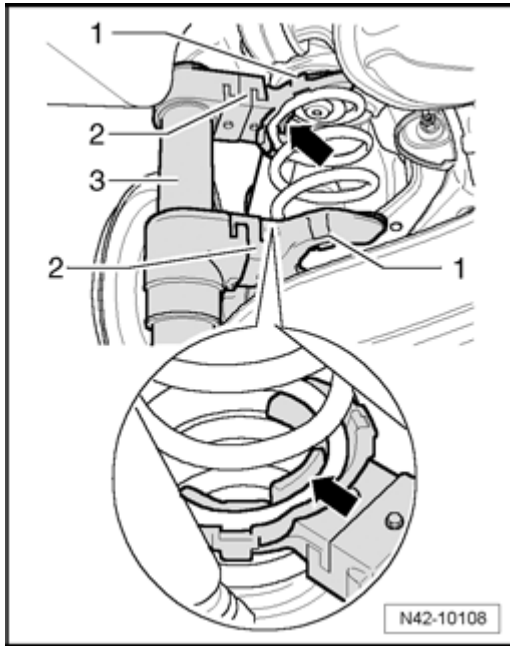
- Spring compressor kit V.A.G 1752



- Spring Retainers V.A.G 1752/3A
- Adapter V.A.G 1752/9 , not depicted

Removing

- Remove wheel.



- Insert spring compressor - **3** - .

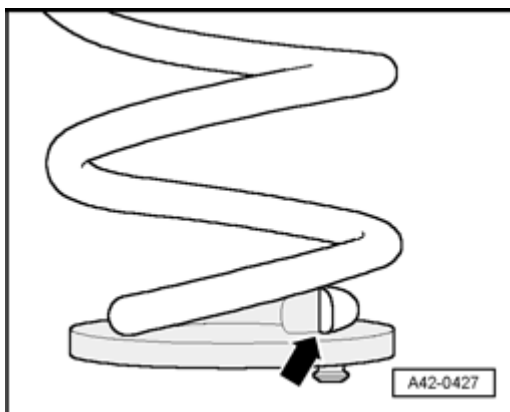
Warning!

Be sure coil spring is properly seated in spring holder V.A.G 1752/3A - 2 - (risk of accident).

- Use wrench or ratchet for tightening spring compressor.
- Compress coil spring until it can be removed.
- Remove spring.
 - Spring Retainers V.A.G 1752/3A
 - Adapter V.A.G 1752/9
 - Spring compressor V.A.G 1752/1

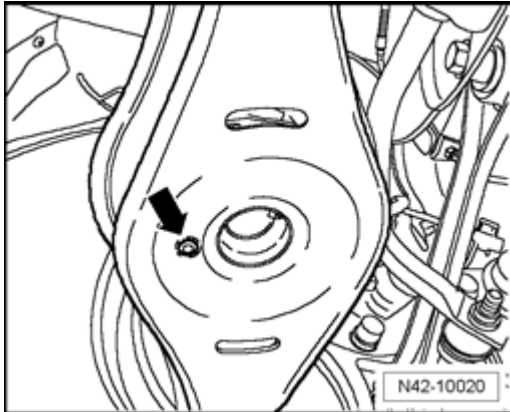
Installing

Note installation position!



The spring start - **arrow** - must touch bottom of spring seat.

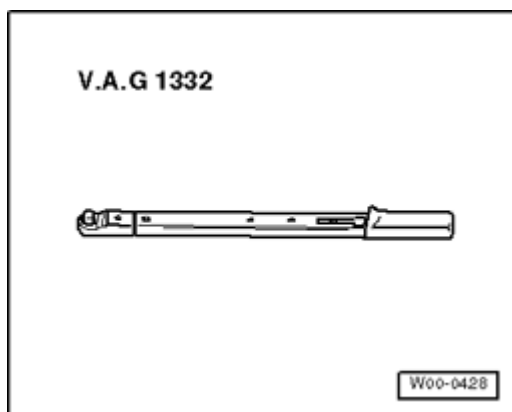
- Install spring together with spring seat.
- Lower spring support has a pin.



- Insert this pin into hole of lower transverse link - **arrow** - .
- Then insert upper spring support into upper end of spring.
- Release tension of spring, guiding upper spring support onto tab of body.
- Remove spring tensioner.
- Install wheel and tighten ⇒ [44-2, Torque specification for wheel bolts](#) .

Shock absorber, removing and installing

Special tools, testers and auxiliary items required



- Torque wrench V.A.G 1332

Removing

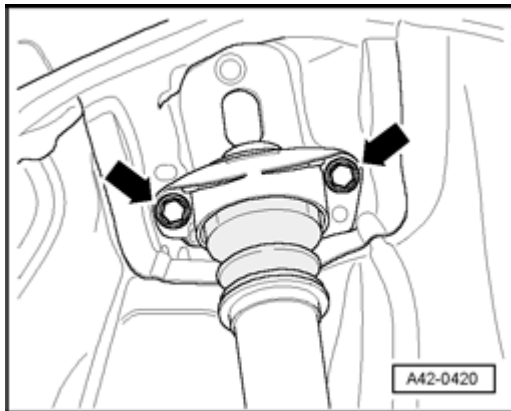
- Remove wheel.

- Remove wheel housing liner

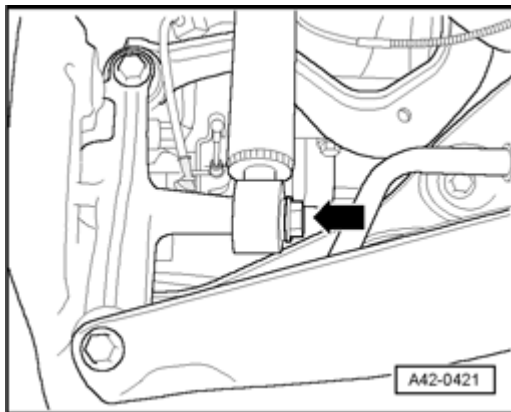
⇒ *Repair Manual, Body Exterior, Repair Group 66,*

.

- Remove coil spring ⇒ [42-6, Coil spring, removing and installing](#) .



- Remove bolts - **arrows** - .

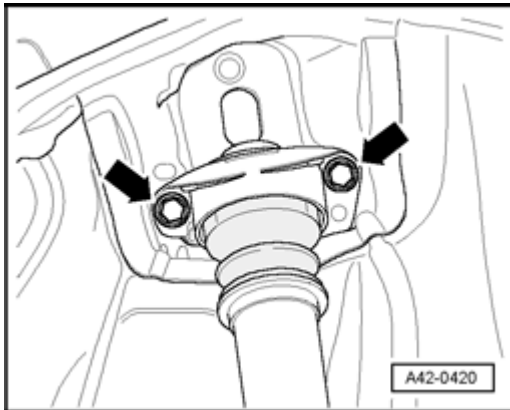


- Remove bolt - **arrow** - .
- Remove shock absorber.

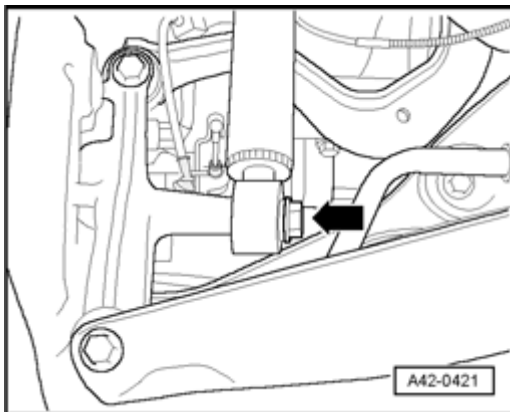
Installing

Installation is performed in the reverse order of removal.
Note the following:

The bolted connections of the shock absorber to the wheel bearing housing must only be fastened when the dimension "a" is achieved! ⇒ [42-2, Measure dimension -a-](#).



- Install shock absorber and tighten bolts - **arrows** - .



- Tighten bolt - **arrow** - .

Torque specifications ⇒ [42-3, Rear axle, tightening torques](#)

- Install coil spring ⇒ [42-6, Coil spring, removing and installing](#) .

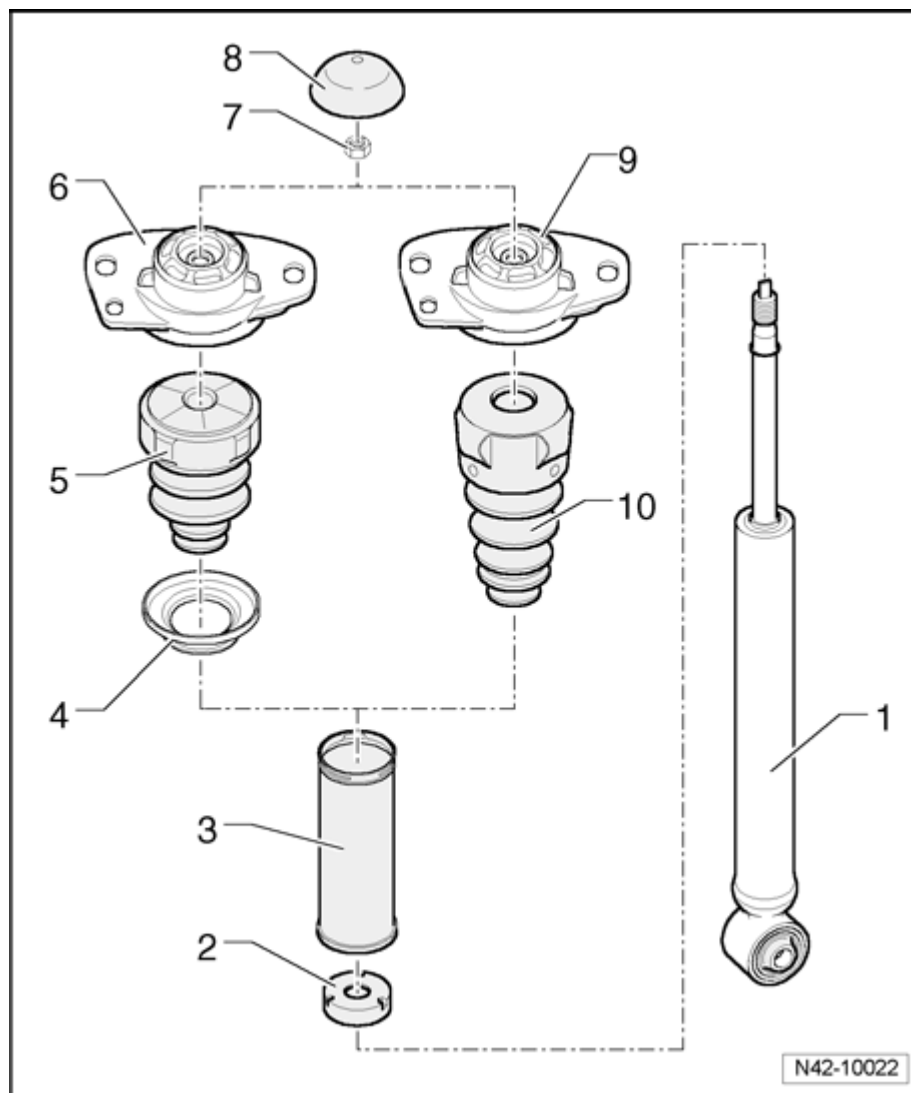
- Install wheel housing liner

⇒ *Repair Manual, Body Exterior, Repair Group 66,*

.

- Install wheel and tighten ⇒ [44-2, Torque specification for wheel bolts](#) .

Shock absorber, servicing



■ Shock absorber

- Removing and installing ⇒ [42-6, Shock absorber, removing and installing](#)
- Be aware of the various suspension versions, ⇒ [44-6, Vehicle data sticker](#) .

■ Protective cap

■ Protective tube

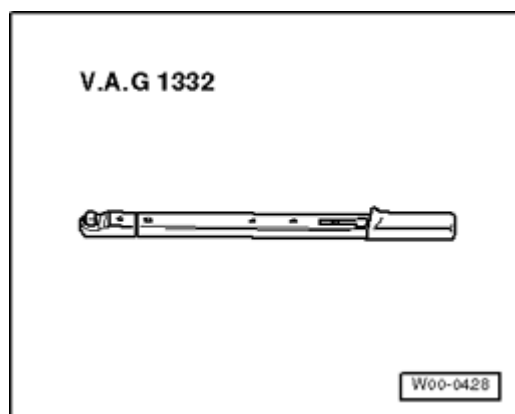
■ Support ring

- Application ⇒ *Electronic Parts Catalog "ETKA"*

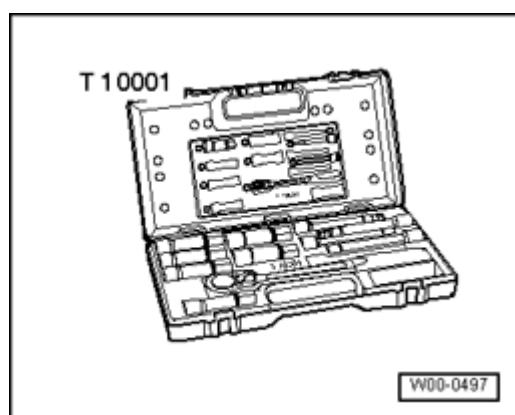
■ Buffer stop

- For shock absorber with support ring ⇒ [Item - 4 -](#)
- Application ⇒ *Electronic Parts Catalog "ETKA"*
- **Shock absorber mounting**
 - For shock absorber with support ring ⇒ [Item - 4 -](#)
 - Application ⇒ *Electronic Parts Catalog "ETKA"*
- **Nut**
 - Torque specification ⇒ [Topic 42-3](#)
 - Always replace after removal
 - Loosening and tightening ⇒ [42-6, Loosening and tightening bolted connection for shock absorber mount](#)
- **Cover**
- **Shock absorber mounting**
 - For shock absorber without support ring ⇒ [Item - 4 -](#)
 - Application ⇒ *Electronic Parts Catalog "ETKA"*
- **Buffer stop**
 - For shock absorber without support ring ⇒ [Item - 4 -](#)
 - Application ⇒ *Electronic Parts Catalog "ETKA"*

Special tools, testers and auxiliary items required

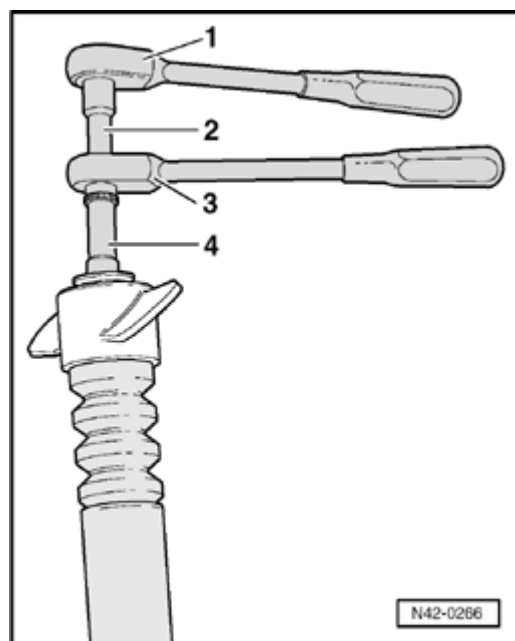


- Torque wrench V.A.G 1332



- Shock absorber set T10001

Disassembling and assembling



Loosening and tightening bolted connection for shock absorber mount

- Ratchet (commercially available)
- Socket T10001/9
- Ratchet T10001/11
- Socket T10001/1

Torque specifications ⇒ [42-3, Rear axle, tightening torques](#)