



How to change rear  
suspension lower control  
arm on **Audi A4 B5**  
**Avant** – replacement  
guide

**VIDEO TUTORIAL**



** Important!**

This replacement procedure can be used for:

AUDI A8 (4D2, 4D8) 4.2 quattro, AUDI A8 (4D2, 4D8) 2.8, AUDI A8 (4D2, 4D8) 2.8 quattro, AUDI A4 Saloon (8D2, B5) 1.6, AUDI A4 Saloon (8D2, B5) 1.8, AUDI A4 Saloon (8D2, B5) 1.8 T, AUDI A4 Saloon (8D2, B5) 2.6, AUDI A4 Saloon (8D2, B5) 2.8, AUDI A4 Saloon (8D2, B5) 1.9 TDI, AUDI A4 Saloon (8D2, B5) 1.8 quattro, AUDI A4 Saloon (8D2, B5) 1.8 T quattro, AUDI A4 Saloon (8D2, B5) 2.6 quattro, AUDI A4 Saloon (8D2, B5) 2.8 quattro, AUDI A8 (4D2, 4D8) 3.7, AUDI A8 (4D2, 4D8) 3.7 quattro, (+ 37)

The steps may slightly vary depending on the car design.

**REPLACEMENT: REAR SUSPENSION LOWER CONTROL ARM – AUDI A4 B5 AVANT. LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #19
- Drive socket # 19
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hammer
- Pin punch
- Rubber mallet
- Ball joint puller
- Crow bar
- Hydraulic transmission jack
- Wheel chock

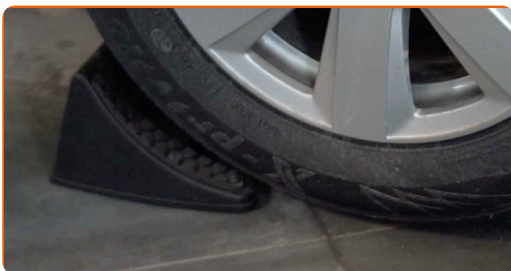
**BUY TOOLS**

Replacement: rear suspension lower control arm – Audi A4 B5 Avant.  
Professionals recommend:

- The replacement procedure is identical for the left and right lower control arms.
- All work should be done with the engine stopped.

**REPLACEMENT: REAR SUSPENSION LOWER CONTROL ARM – AUDI A4 B5 AVANT. USE THE FOLLOWING PROCEDURE:**

**1** Secure the wheels with chocks.



**2** Loosen the wheel mounting bolts. Use wheel impact socket #17.



**3** Raise the rear of the car and secure on supports.



**4** Unscrew the wheel bolts.



Replacement: rear suspension lower control arm – Audi A4 B5 Avant.  
AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

**5** Remove the wheel.



**6** Clean the fastener connecting the rear knuckle to the suspension control arm. Use a wire brush. Use WD-40 spray.

**7** Unscrew the fastener connecting the control arm to the rear knuckle. Use a combination spanner #19.



**8** Clean the fasteners connecting the control arm to the subframe. Use a wire brush. Use WD-40 spray.

- 9 Unscrew the arm fastening from the subframe. Use a combination spanner #19. Use a drive socket #19. Use a ratchet wrench.



- 10 Remove the fastening bolt. Use a crowbar.

- 11 Detach the lower control arm. Use a ball joint puller.



- 12 Remove the arm. Use a crowbar. Use a rubber mallet.



- 13 Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.

- 14 Install a new arm. Use a rubber mallet.

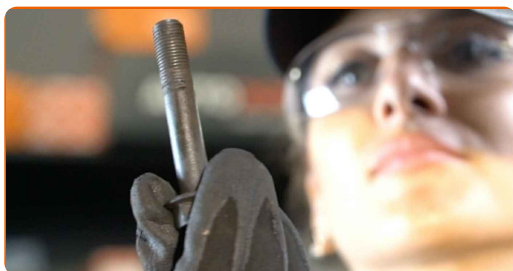


Replacement: rear suspension lower control arm – Audi A4 B5 Avant. Tip:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

15

Install the fastening bolt. Use a pin punch. Use a hammer.

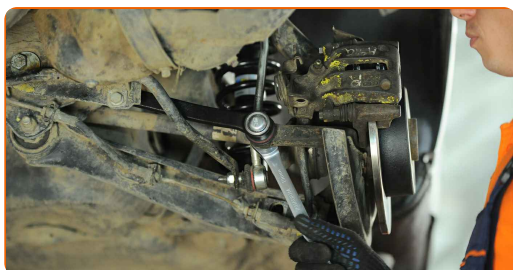


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Attach the lower control arm.

17

Tighten the fastener connecting the control arm to the rear knuckle. Use a crowbar. Use a combination spanner #19. Use a torque wrench. Tighten it to 85 Nm torque.

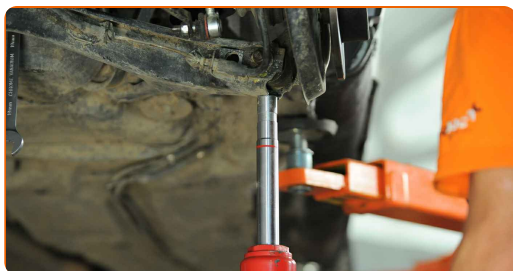


18

Screw the fastener connecting the control arm to the subframe. Use a combination spanner #19. Use a drive socket #19. Use a ratchet wrench.

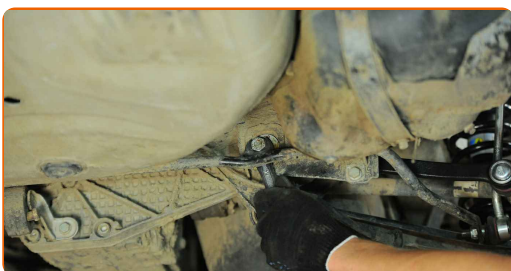
19

Support the arm. Use a hydraulic transmission jack.

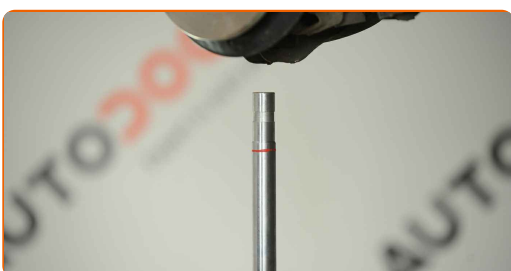




- 20** Tighten the arm fastening to the subframe. Use a combination spanner #19. Use a drive socket #19. Use a torque wrench. Tighten it to 90 Nm torque.



- 21** Remove the support from under the arm.

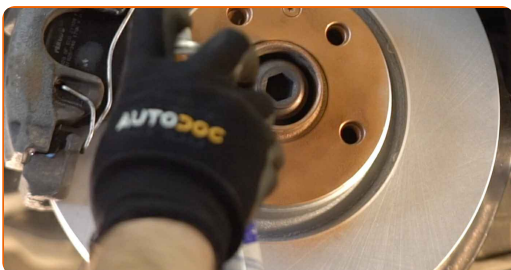


**AUTODOC recommends:**

- Audi A4 B5 Avant – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

- 22** Treat all joints of the arm. Use copper grease.

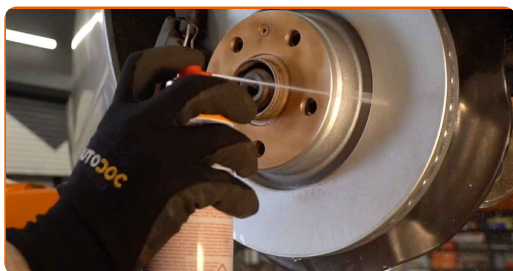
- 23** Treat the surface where the brake disc contacts the wheel rim. Use copper grease.





24

Clean the brake disk surface. Use a brake cleaner.



Replacement: rear suspension lower control arm – Audi A4 B5 Avant. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

25

Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Audi A4 B5 Avant

26

Screw in the wheel bolts. Use wheel impact socket #17.



- 27** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.



- 28** Remove the jacks and chocks.



**WELL DONE!** 

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