



How to change front
lower arm on **Audi A4 B7**
Avant – replacement
guide

VIDEO TUTORIAL



 Important!

This replacement procedure can be used for:

AUDI A4 Saloon (8E2, B6) 1.8 T, AUDI A4 Saloon (8E2, B6) 2.0, AUDI A4 Saloon (8E2, B6) 1.8 T quattro, AUDI A4 Saloon (8E2, B6) 3.0, AUDI A4 Saloon (8E2, B6) 3.0 quattro, AUDI A4 Saloon (8E2, B6) 1.9 TDI, AUDI A4 Saloon (8E2, B6) 2.5 TDI quattro, AUDI A4 Saloon (8E2, B6) 1.6, AUDI A4 Saloon (8E2, B6) 2.5 TDI, AUDI A4 Avant (8E5, B6) 1.6, AUDI A4 Avant (8E5, B6) 2.0, AUDI A4 Avant (8E5, B6) 1.8 T, AUDI A4 Avant (8E5, B6) 3.0, AUDI A4 Avant (8E5, B6) 1.9 TDI, AUDI A4 Saloon (8E2, B6) 2.4, (+ 69)

The steps may slightly vary depending on the car design.

REPLACEMENT: FRONT LOWER ARM – AUDI A4 B7
AVANT. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #16
- Combination spanner #18
- Drive socket # 18
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hammer
- Pin punch
- Crow bar
- Rubber mallet
- Ball joint puller
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: front lower arm – Audi A4 B7 Avant. AUTODOC recommends:

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

REPLACEMENT: FRONT LOWER ARM – AUDI A4 B7 AVANT. RECOMMENDED SEQUENCE OF STEPS:

1

Secure the wheels with chocks.



2

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



3

Raise the front of the car and secure on supports.



4

Unscrew the wheel bolts.



Replacement: front lower arm – Audi A4 B7 Avant. AUTODOC experts recommend:

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

5

Remove the wheel.



6

Clean the fastener that connects the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.

7

Unscrew the ball joint fastening to the steering knuckle. Use a drive socket #18. Use a ratchet wrench.

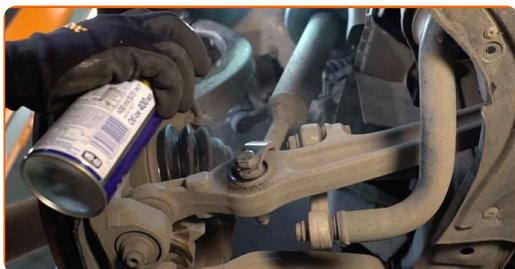


8

Disconnect the lower arm from the steering knuckle. Use a ball joint puller.

9

Clean the shock strut fasteners. Use a wire brush. Use WD-40 spray.



10

Unscrew the lower fastener of the shock absorber strut. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



11

Remove the fastening bolt.



12

Detach the bottom part of the shock strut.



13 Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



14 Unscrew the fastener connecting the stabilizer bar with the control arm. Use a combination spanner #13. Use a combination spanner #16.



15 Unscrew the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #16.

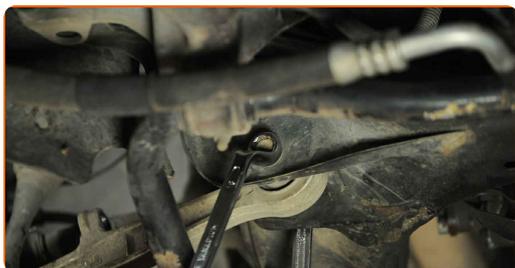


16 Remove the fastening bolt.

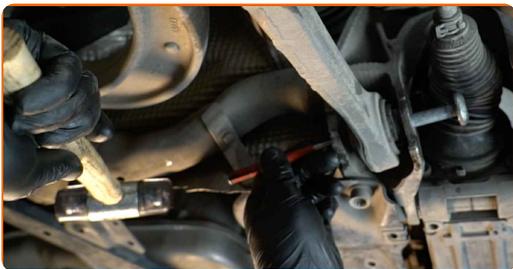
17 Remove the stabilizer rod.

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

19 Unscrew the arm fastening from the subframe. Use a combination spanner #18 (2 pieces).



20 Remove the fastening bolt.



21 Detach the control arm. Use a crowbar.

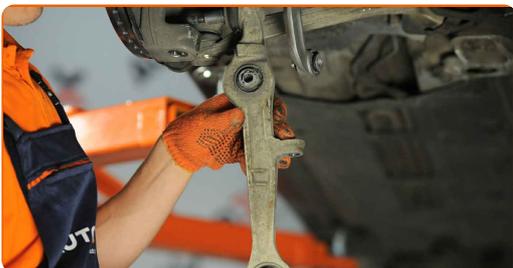


22 Remove the fastening nut.

23 Disconnect the lower arm from the steering knuckle.



24 Remove the arm.



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



26 Install a new arm.



Replacement: front lower arm – Audi A4 B7 Avant. Tip from AUTODOC experts:

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

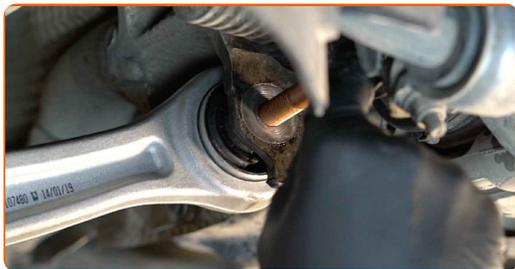
27 Connect the ball joint to the steering knuckle.

28 Install the fastening nut.

29 Attach the control arm. Use a rubber mallet.



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



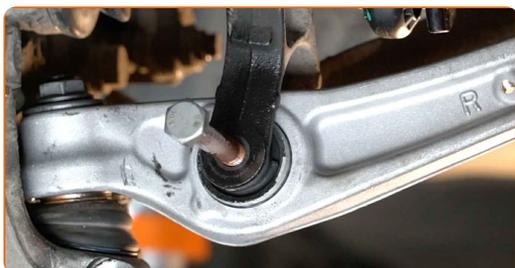
31 Screw the fastener connecting the control arm to the subframe. Use a combination spanner #18 (2 pieces).



32 Attach the bottom part of the shock strut.



33 Install the fastening bolt.



34 Tighten the ball joint fastener. Use a drive socket #18. Use a torque wrench. Tighten it to 110 Nm torque.



35 Install the transverse stabilizer link.

36 Install the fastening bolt.

37 Tighten the fastener connecting the stabilizer bar with the control arm. Use a combination spanner #13. Use a combination spanner #16. Use a torque wrench. Tighten it to 40 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

38 Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #16. Use a torque wrench. Tighten it to 40 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

39

Prop up the steering knuckle. Use a hydraulic transmission jack.



40

Tighten the lower fastening of the shock absorber. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.



41

Tighten the arm fastening to the subframe. Use a combination spanner #18 (2 pieces). Use a torque wrench. Tighten it to 70 Nm torque.+180°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

42

Remove the support from under the steering knuckle.



AUTODOC recommends:

- Replacement: front lower arm – Audi A4 B7 Avant. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

43 Treat the shock strut fasteners. Treat all joints of the stabiliser link. Treat all joints of the arm. Treat the fasteners of the ball joint. Use copper grease.



44 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



45 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: front lower arm – Audi A4 B7 Avant. After applying the spray, wait a few minutes.

46

Install the wheel.



Replacement: front lower arm – Audi A4 B7 Avant. Tip from AUTODOC:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

47

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



48

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.



49

Remove the jacks and chocks.



WELL DONE! 

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