



VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
AUDI A4 (8E2, B6) 1.9 TDI, AUDI A4 Avant (8E5, B6) 1.9 TDI

The steps may slightly vary depending on the car design.

REPLACEMENT: SHOCK ABSORBERS – AUDI A4 B6 AVANT. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #21
- Drive socket # 13
- Drive socket # 16
- Drive socket # 21
- Torx bit T25
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Shock absorber socket N°DD6
- Vice
- Crow bar
- Hydraulic transmission jack
- Wheel chock

Replacement: shock absorbers – Audi A4 B6 Avant. AUTODOC recommends:

- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- All work should be done with the engine stopped.

REPLACEMENT: SHOCK ABSORBERS – AUDI A4 B6 AVANT. USE THE FOLLOWING PROCEDURE:

1



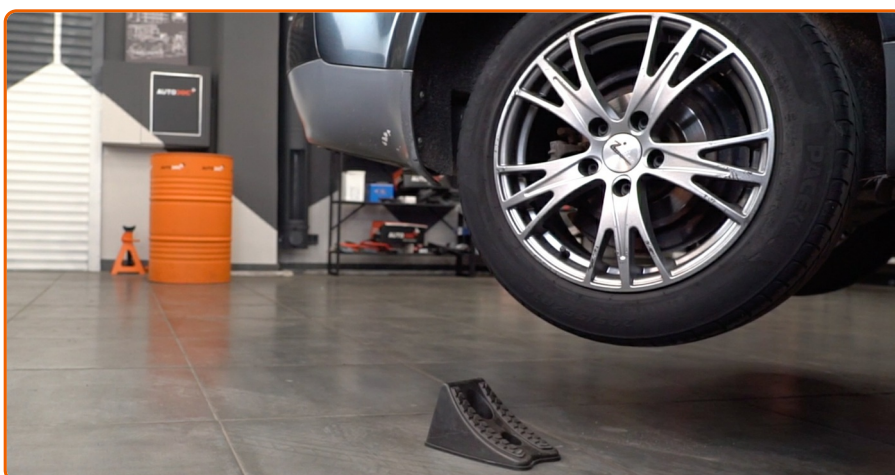
Secure the wheels with chocks.

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: shock absorbers – Audi A4 B6 Avant.
AUTODOC experts recommend:

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

5



Remove the wheel.

6



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

7



Support the arm. Use a hydraulic transmission jack.

8



Unscrew the lower fastener of the shock absorber. Use a combination spanner #21. Use a drive socket #21. Use a ratchet wrench.

9



Remove the fastening bolt.

10



Detach the lower part of the shock absorber. Use a crowbar.

11



Unscrew and remove the wheel arch cover fasteners. Use Torx T25.

12



Remove the wheel arch cover.

13



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

14



Unscrew the upper fastener of the shock absorber. Use a drive socket #13. Use a ratchet wrench.

AUTODOC recommends:

- Important! Hold the shock absorber while unscrewing the fastening bolts. Audi A4 B6 Avant

15



Remove the shock absorber.

16



Grip the shock absorber in a vice.

17



Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.

18



Remove the shock absorber piston rod fastening. Use a shock absorber socket DDN°6. Use a drive socket #16. Use a ratchet wrench.

19



Remove the shock absorber mount, boot and bump stop.

Replacement: shock absorbers – Audi A4 B6 Avant. Tip from AUTODOC:

- Examine the shock absorber dust cap and the bump stop. Replace them if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.

20



Install the mount, boot and bump stop onto a new shock absorber.

21



Screw the shock strut piston rod upper fastening. Use a shock absorber socket DDN°6. Use a drive socket #16. Use a torque wrench. Tighten it to 50 Nm torque.

22



Release the vice and take out the shock absorber.

23



Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.

24



Place the shock absorber in the wheel arch and secure it.

Replacement: shock absorbers – Audi A4 B6 Avant. Tip:

- To avoid injury, hold the shock absorber cautiously tight when screwing in the fastening bolts.

25



Screw the upper fastener of the shock absorber. Use a drive socket #13.

Replacement: shock absorbers – Audi A4 B6 Avant.
AUTODOC experts recommend:

- Install the shock absorber mount using the center hole as a guide.

26



Attach the lower part of the shock absorber.

27



Install the fastening bolt.

28



Screw in the lower fastener of the shock absorber. Use a combination spanner #21. Use a drive socket #21. Use a ratchet wrench.

29



Raise the hydraulic transmission jack by 10-15 cm.

30



Tighten the lower fastener of the shock absorber. Use a combination spanner #21. Use a drive socket #21. Use a torque wrench. Tighten it to 80 Nm torque.

31



Tighten the top shock absorber fastening. Use a drive socket #13. Use a torque wrench. Tighten it to 48 Nm torque.

32



Install the wheel arch cover to its mounting seat.

33



Install and tighten the wheel arch cover fasteners. Use Torx T25.

34



Remove the support from under the arm.

AUTODOC recommends:

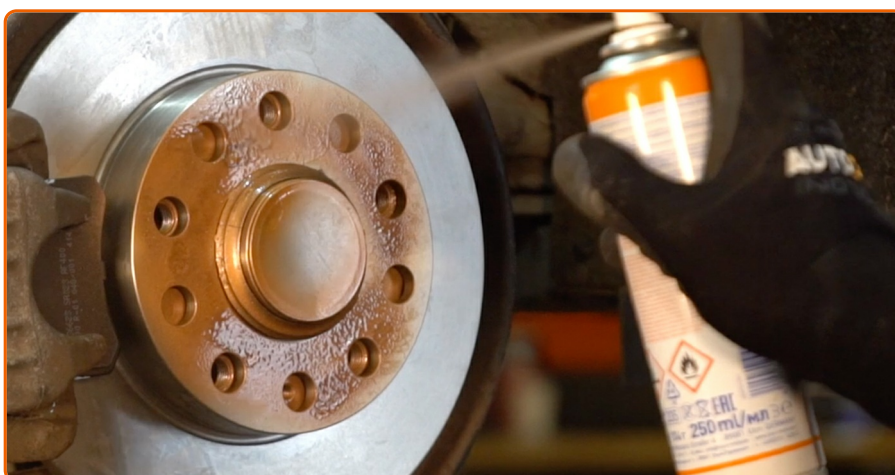
- Replacement: shock absorbers – Audi A4 B6 Avant. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

35



Treat the shock absorber fasteners. Use copper grease.

36



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

37



Clean the brake disk surface. Use a brake cleaner.

Replacement: shock absorbers – Audi A4 B6 Avant. Tip:

- After applying the spray, wait a few minutes.

38



Install the wheel.

AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Audi A4 B6 Avant

39



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

40



Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 nm torque.

41



Remove the jacks and chocks.

**DID YOU FIND THESE INSTRUCTIONS
HELPFUL?**

YES

NO



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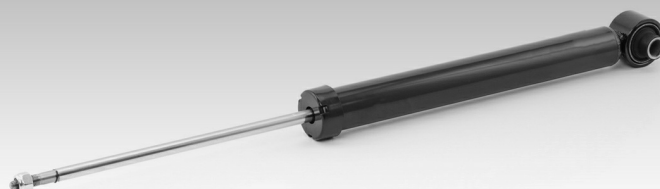
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