



How to change rear
shock absorbers on **Audi**
A4 B6 – 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, (+ 22)

The steps may slightly vary depending on the car design.

REPLACEMENT: SHOCK ABSORBERS – AUDI A4 B6. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #16
- Combination spanner #21
- Drive socket # 16
- Drive socket # 21
- Torx bit T25
- HEX bit No.H6.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Adjustable wrench
- Hammer
- Pin punch
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

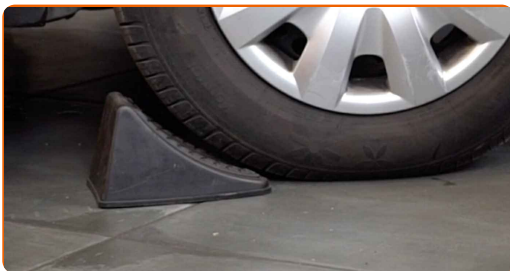
Replacement: shock absorbers – Audi A4 B6. Tip from AUTODOC:

- 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.
- Please note: all work on the car – Audi A4 B6 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

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.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Audi A4 B6

5

Remove the wheel.

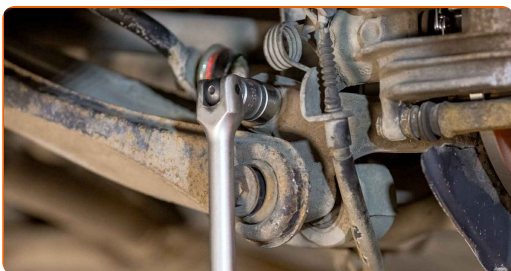


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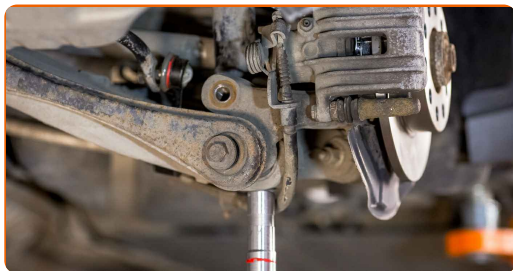
Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.

7

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



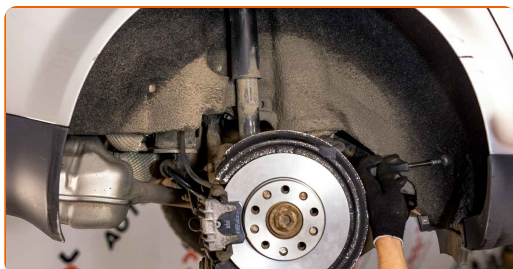
- 8 Support the arm. Use a hydraulic transmission jack.



- 9 Detach the lower part of the shock absorber. Use a pin punch. Use a hammer.

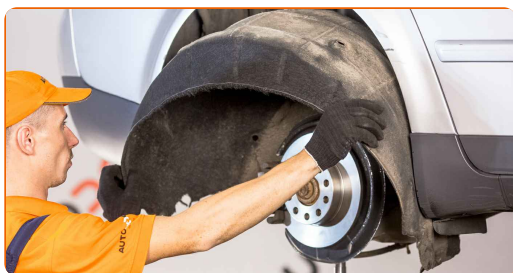
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- Unscrew and remove the wheel arch cover fasteners. Use Torx T25. Use a ratchet wrench.



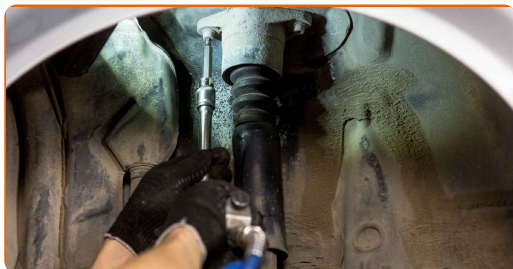
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- Remove the wheel arch cover.



12

- Unscrew the upper fastener of the shock absorber. Use HEX No.H6. Use a ratchet wrench.

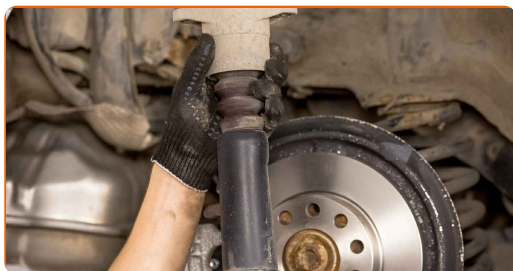


AUTODOC recommends:

- Audi A4 B6 – To avoid injury, hold the shock absorber while unscrewing the fastening bolts.

13

Remove the shock absorber.

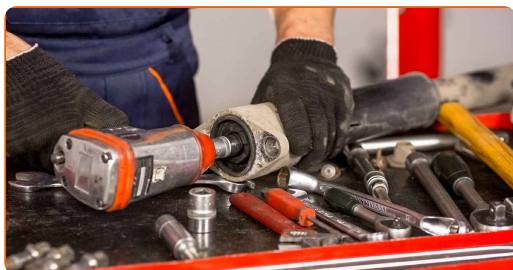


14

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

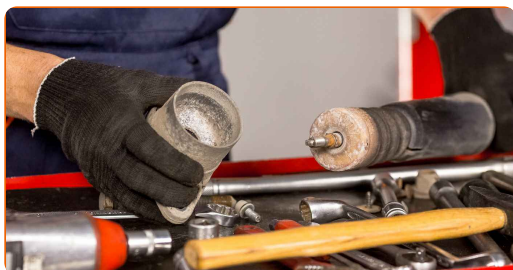
15

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



16

Remove the top mount.



17

Remove the shock absorber dust cap and the bump stop.



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

- Thoroughly examine the shock absorber mount, dust boot, bump stop. Replace them if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.

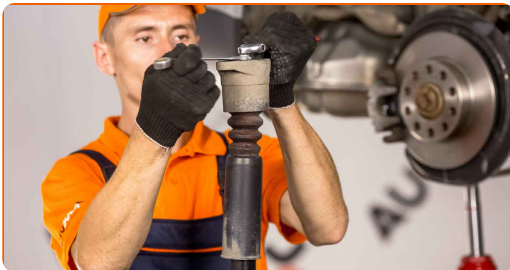
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Install the mount, boot and bump stop onto a new shock absorber.



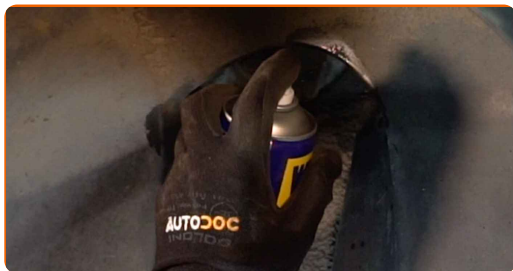
19

Screw the shock strut piston rod upper fastening. Use a combination spanner #16. Use an adjustable wrench. Use a torque wrench. Tighten it to 25 Nm torque.



20

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



21

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

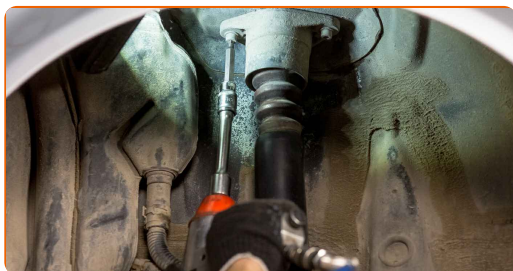


AUTODOC recommends:

- Important! Hold the shock absorber while screwing in the fastening bolts. Audi A4 B6

22

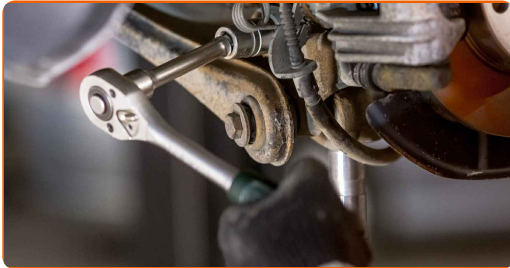
Tighten the top shock absorber fastening. Use HEX No.H6. Use a torque wrench. Tighten it to 36 Nm torque.



23

Attach the lower part of the shock absorber.

- 24 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 150 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

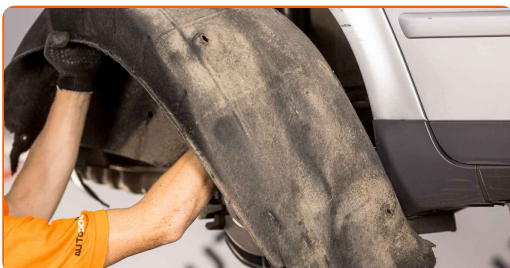
- 25 Remove the support from under the arm.



AUTODOC recommends:

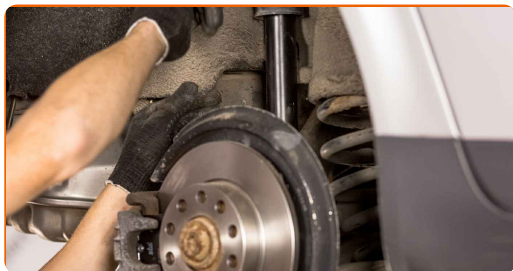
- Replacement: shock absorbers – Audi A4 B6. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

- 26 Install the wheel arch cover to its mounting seat.



27

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



28

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



29

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: shock absorbers – Audi A4 B6. After applying the spray, wait a few minutes.

30

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Audi A4 B6

31

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



32

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.



33

Remove the jacks and chocks.



WELL DONE! 

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