VIDEO TUTORIAL

ⓘ Important!

This replacement procedure can be used for:
AUDI A3 (8P1) 1.2 TSI, AUDI A3 Convertible (8P7) 1.2 TFSI, AUDI A3 Sportback (8PA) 1.2 TSI

The steps may slightly vary depending on the car design.

REPLACEMENT: SHOCK ABSORBERS – AUDI A3 8PA. TOOLS YOU MIGHT NEED:

- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #18
- Drive socket # 16
- Drive socket # 18
- Torx bit T27
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Shock absorber socket #DD6
- Crow bar
- Vice
- Hydraulic transmission jack
- Wheel chock

Replacement: shock absorbers – Audi A3 8PA. Professionals recommend:

- 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 A3 8PA. TAKE THE FOLLOWING STEPS:

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.

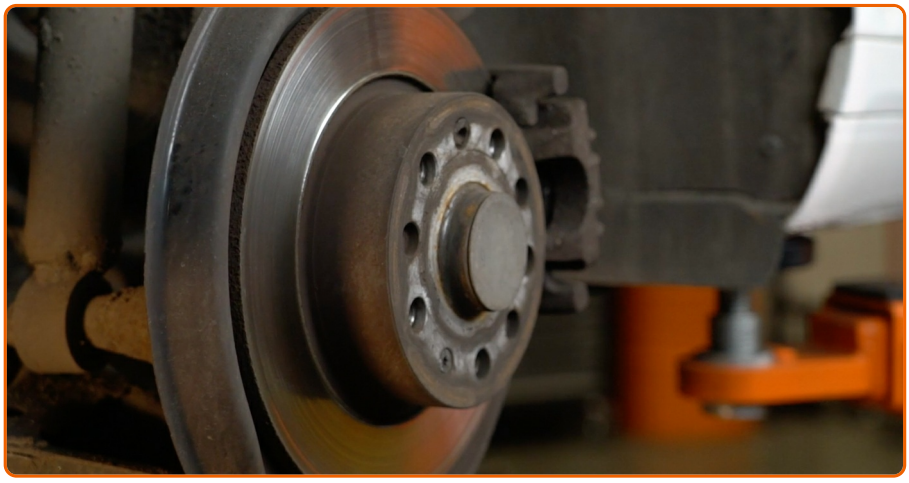
4

Unscrew the wheel bolts.

Replacement: shock absorbers – Audi A3 8PA. Tip:

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

5



Remove the wheel.

6

Clean the fasteners of the locker. Use a wire brush. Use WD-40 spray.

7

Unscrew the wheel arch cover fasteners. Use Torx T27.

8

Move the part aside.

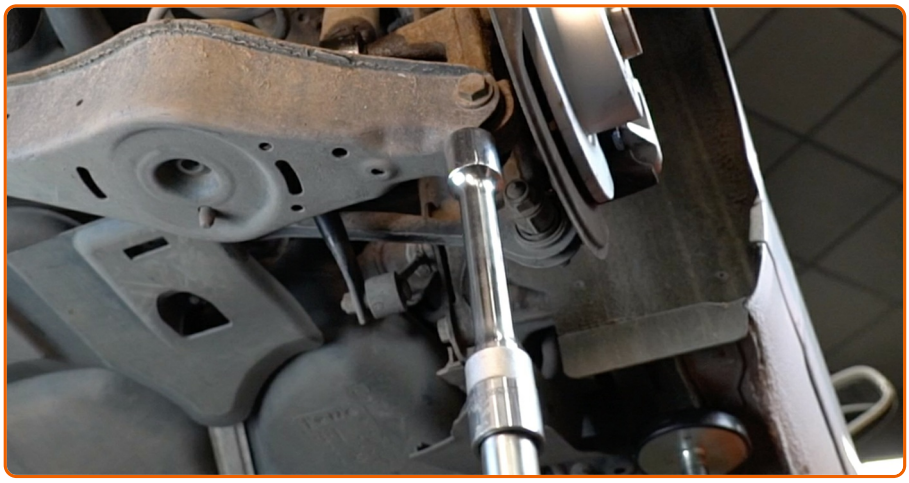
9

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

10

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

11



Support the arm. Use a hydraulic transmission jack.

12

Remove the fastening bolt.

13

Unscrew the upper fastener of the shock absorber. Use a drive socket #16. Use a ratchet wrench.

AUTODOC recommends:

- Audi A3 8PA – To avoid injury, hold the shock absorber while unscrewing the fastening bolts.

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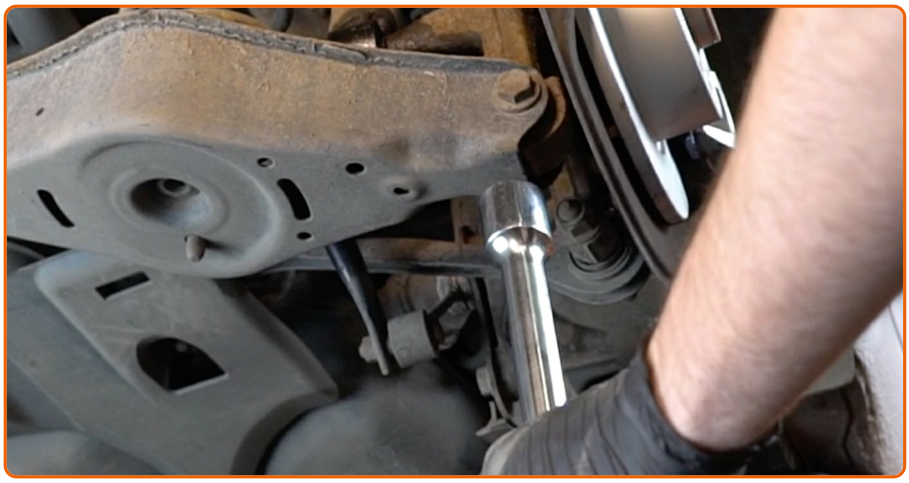


Remove the support from under the arm.

Replacement: shock absorbers – Audi A3 8PA. AUTODOC experts recommend:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

15

Remove the shock absorber.

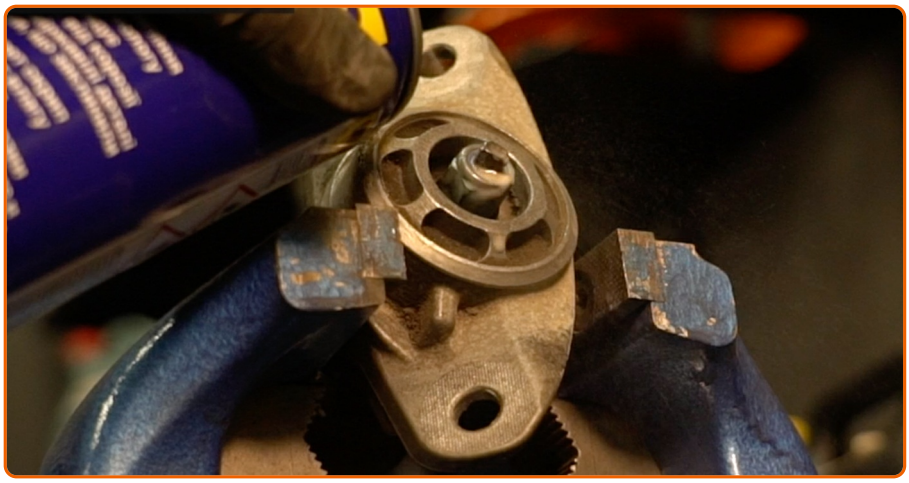
16

Grip the shock absorber in a vice.

17

Remove the protective cap of the shock absorber mount. Use a crowbar.

18



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

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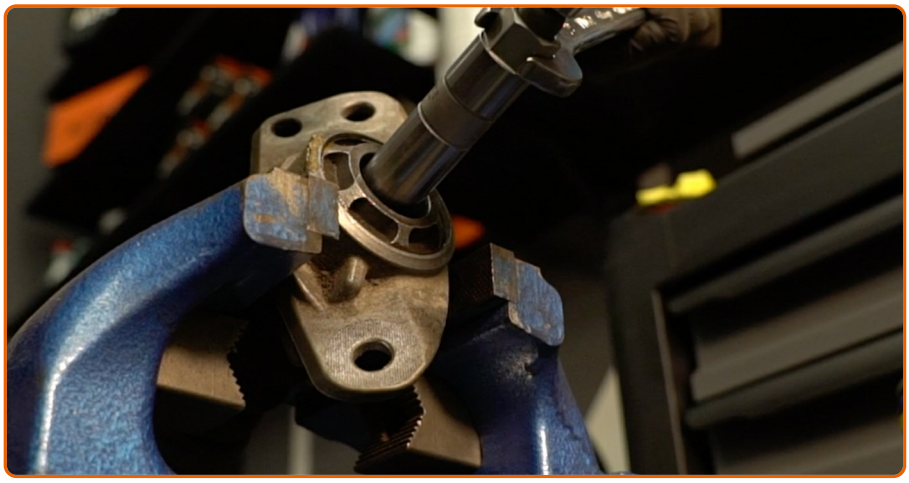


Remove the shock absorber piston rod fastening. Use a shock absorber socket DDN°6. Use a drive socket #16. Use a ratchet wrench.

20

Remove the shock absorber mount, boot and bump stop.

Replacement: shock absorbers – Audi A3 8PA. Tip from AUTODOC:

- 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.

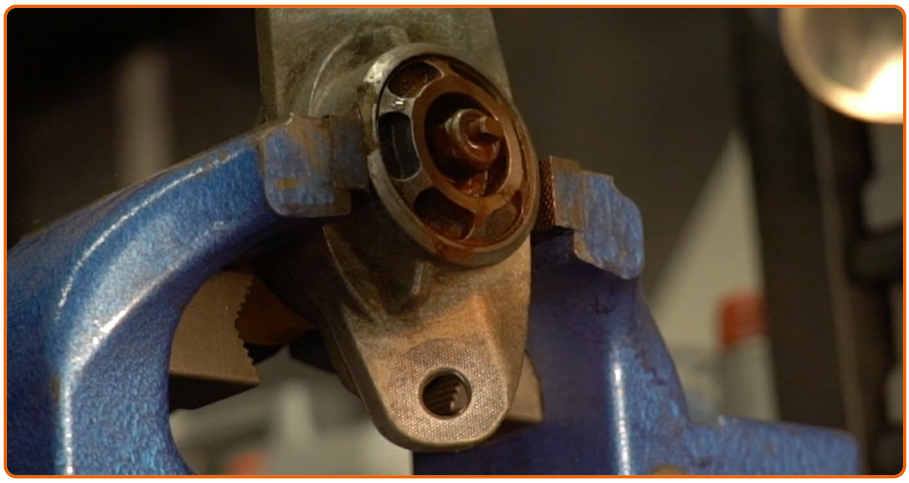
21

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

22

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 45 nm torque.

23



Treat the shock absorber rod fastener. Use copper grease.

24

Install the protective cap of the shock absorber mount.

25

Release the vice and take out the shock absorber.

26

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

27

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 A3 8PA

28

Install the fastening bolt.

29

Screw in the lower fastener of the shock absorber. Use a combination spanner #18.

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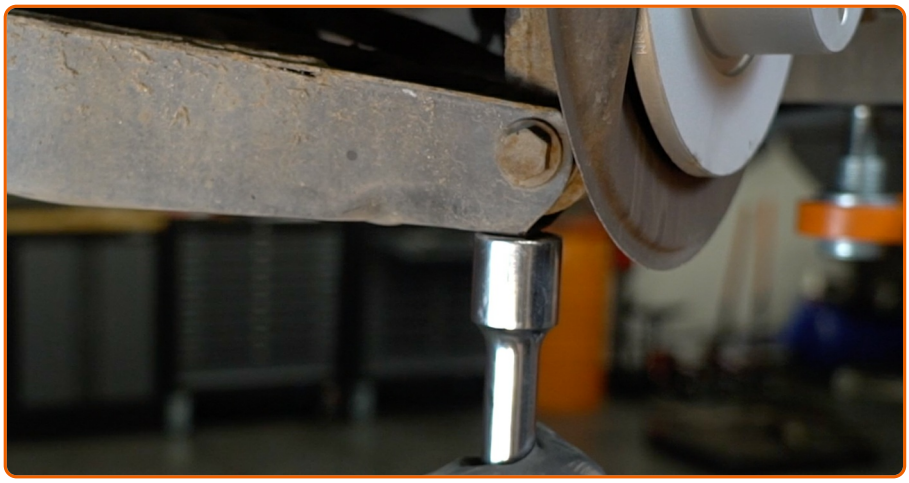


Support the arm. Use a hydraulic transmission jack.

31

Tighten the top shock absorber fastening. Use a drive socket #16. Use a torque wrench. Tighten it to 50 Nm torque.

32

Treat the shock absorber fasteners. Use copper grease.

33

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

34

Remove the support from under the arm.

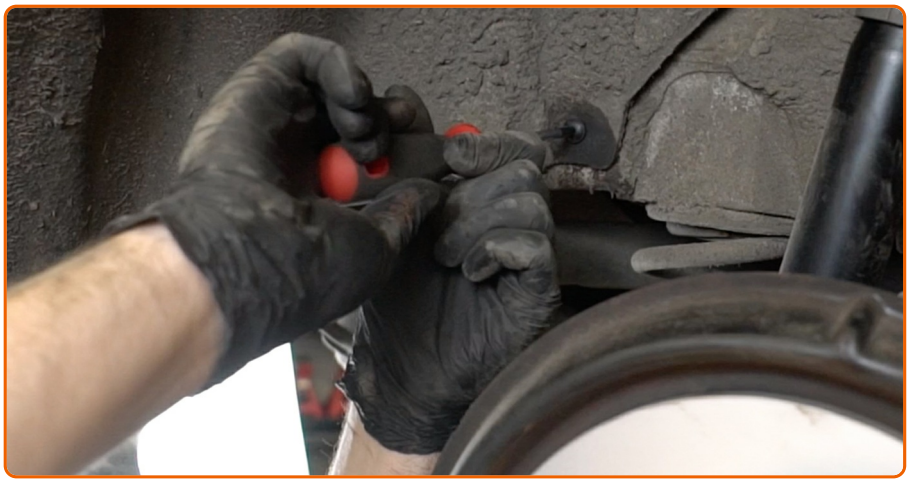
AUTODOC recommends:

- Audi A3 8PA – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

35

Install the wheel arch cover to its mounting seat.

36



Screw in the fasteners. Use Torx T27.

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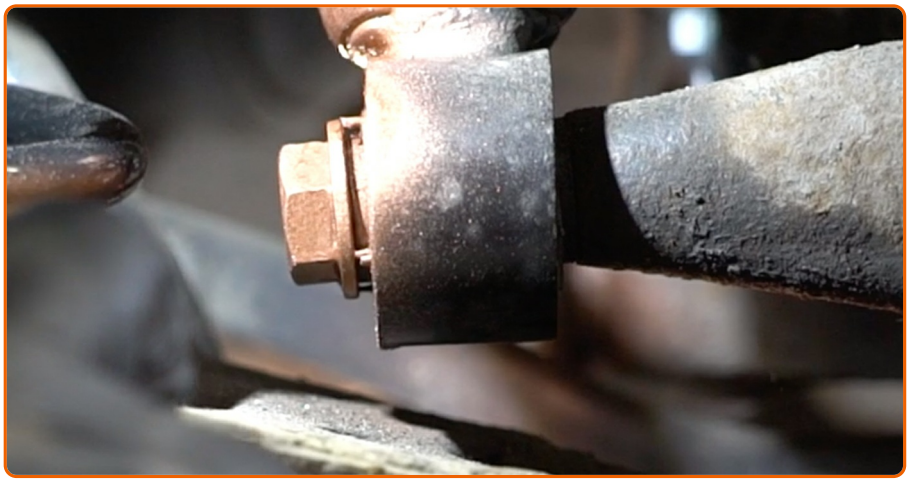

Treat the shock absorber fasteners. Use copper grease.

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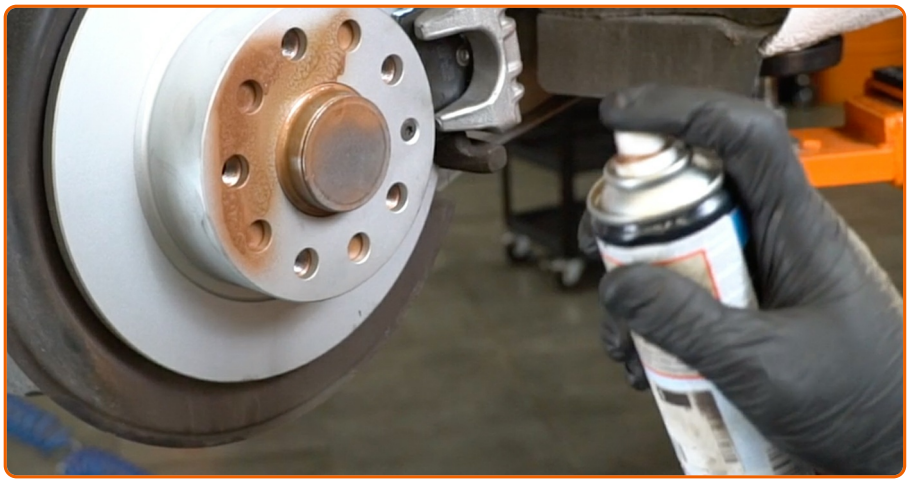

Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

39

Clean the brake disk surface. Use a brake cleaner.

Replacement: shock absorbers – Audi A3 8PA. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

40

Install the wheel.

Replacement: shock absorbers – Audi A3 8PA. Tip:

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

41

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

42

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.

43

Remove the jacks and chocks.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES NO

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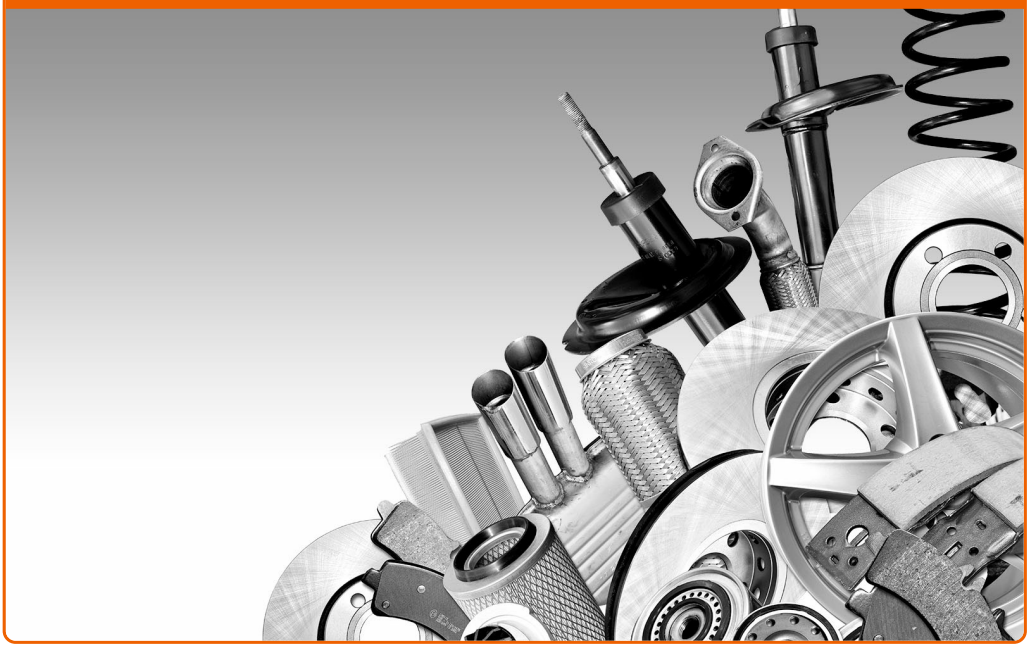

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SHOCK ABSORBERS: A WIDE SELECTION

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SHOCK ABSORBERS FOR AUDI: BUY NOW

SHOCK ABSORBERS FOR AUDI A3 8PA: THE BEST DEALS & OFFERS

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