How to replace rear suspension shock absorbers on SKODA FABIA I (6Y5)

VIDEO TUTORIAL

ⓘ Important!

This replacement procedure can be used for:
SKODA FABIA I (6Y2) 1.2, SKODA FABIA I Combi (6Y5) 1.2, SKODA FABIA I Praktik (6Y5) 1.2, SKODA FABIA I Saloon (6Y3) 1.2

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:

- Wire brush
- WD-40 spray
- Copper grease
- Combination spanner #16
- Combination spanner #17
- Drive socket # 16
- Torx bit T25
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Adjustable wrench
- Vice
- Hydraulic transmission jack
- Wheel chock

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.

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:

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

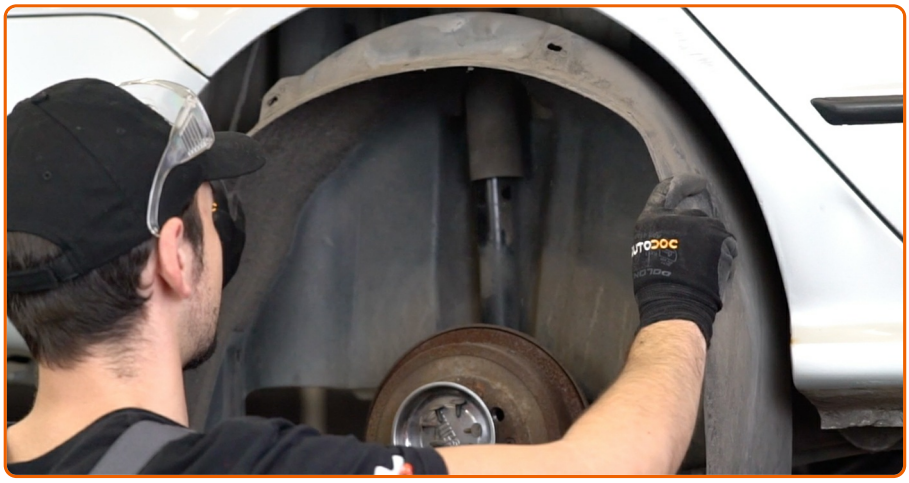
5

Remove the wheel.

6

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

7



Remove the wheel arch cover.

8

Secure the rear axle beam Use a hydraulic transmission jack.

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 drive socket #16. Use a combination spanner #16. Use a ratchet wrench.

11

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

AUTODOC recommends:

- To avoid injuries, hold the shock absorber when undoing the fastening bolts.

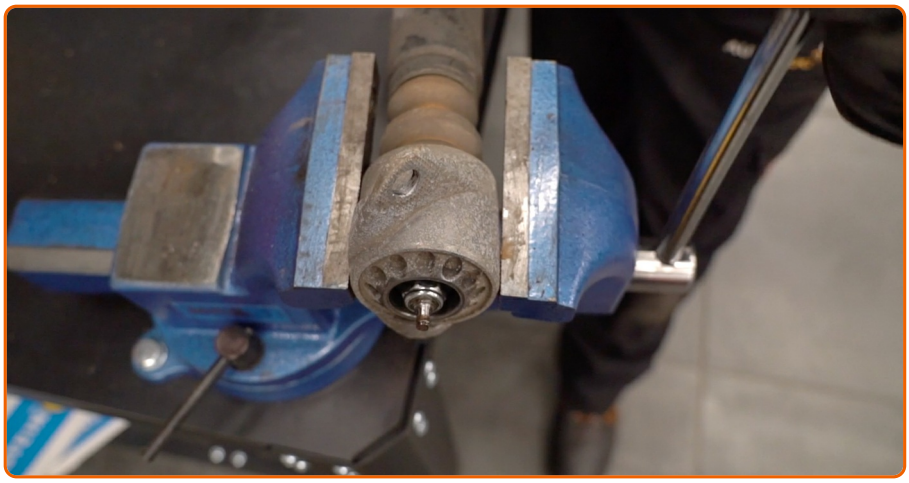
12

Remove the shock absorber.

13

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

14

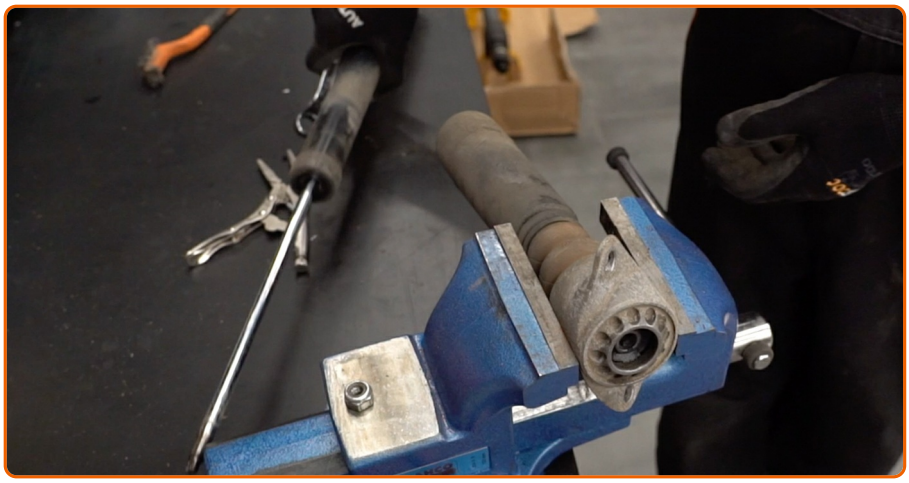


Grip the shock absorber in a vice.

15

Remove the shock absorber piston rod fastening. Use a combination spanner #17. Use an adjustable wrench.

16



Release the vice and take out the shock absorber.

17

Remove the shock absorber mount, boot and bump stop.

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.

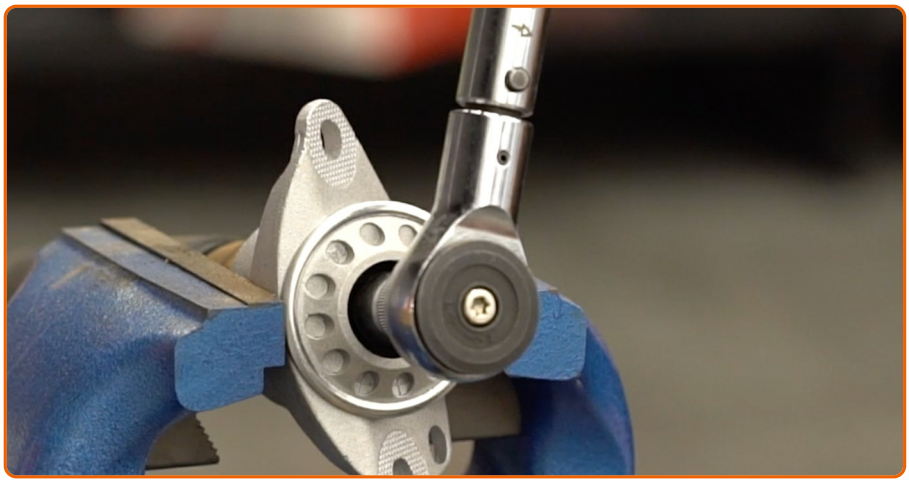
18

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

19

Grip the shock absorber in a vice.

20



Screw the shock strut piston rod upper fastening. Use a combination spanner #17. Use an adjustable wrench. Use a torque wrench. Tighten it to 38 Nm torque.

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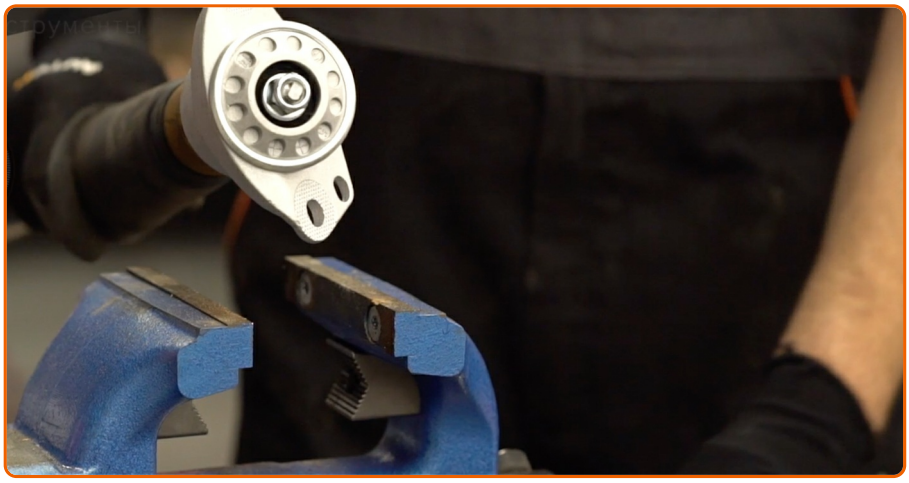


Release the vice and take out the shock absorber.

22

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

23

Treat the shock absorber mounting seats. Use copper grease.

24

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

AUTODOC recommends:

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

25

Tighten the top shock absorber fastening. Use a drive socket #16. Use a torque wrench. Tighten it to 48 Nm torque.

26

Treat the shock absorber fasteners. Use copper grease.

27

Tighten the lower fastener of the shock absorber. Use a drive socket #16. Use a combination spanner #16. Use a torque wrench. Tighten it to 70 Nm torque.

28

Remove the mounting from under the rear axle beam.

AUTODOC recommends:

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

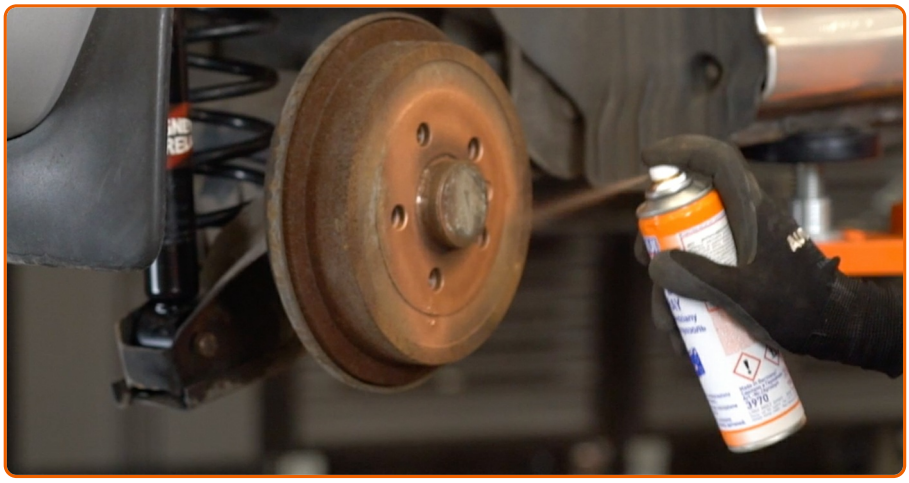
29

Install the wheel arch cover to its mounting seat.

30

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

31



Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.

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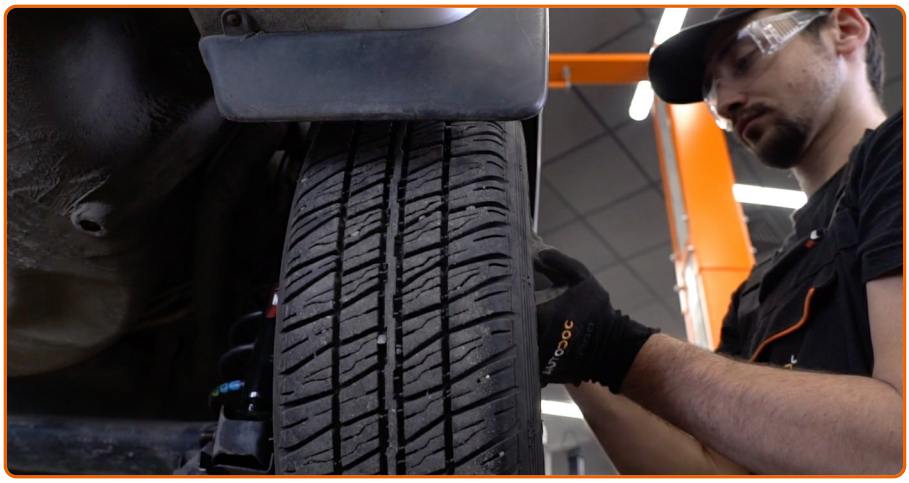

Install the wheel.

AUTODOC recommends:

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

33

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

34

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 110 nm torque.

35

Remove the jacks and chocks.

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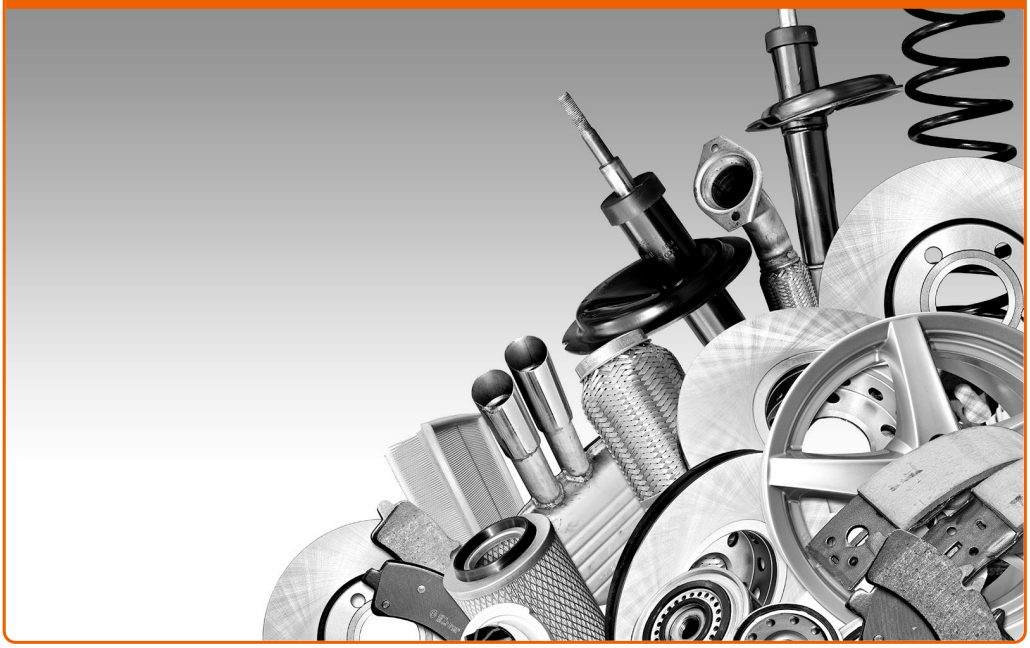

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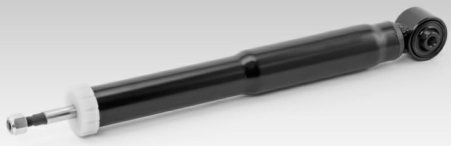

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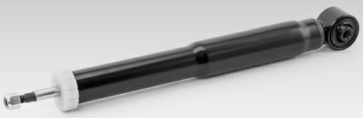

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