



How to change rear
shock absorbers on **VW**
Transporter T4 –
replacement guide

VIDEO TUTORIAL



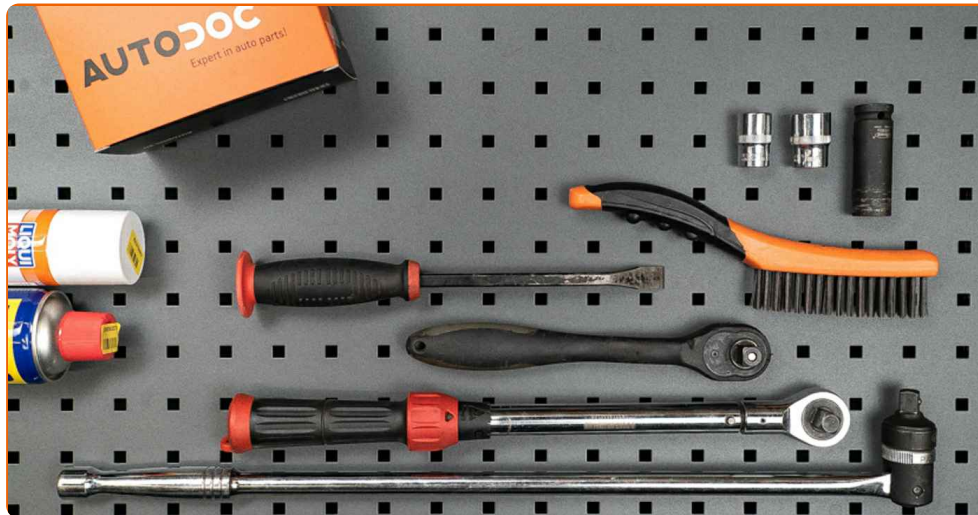
Important!

This replacement procedure can be used for:

VW Transporter T4 Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 2.4 D Syncro, VW Transporter T4 Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 2.5 Syncro, VW Transporter T4 Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 2.5, VW Transporter T4 Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 1.8, VW Transporter T4 Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 1.9 D, VW Transporter T4 Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 1.9 TD, VW Transporter T4 Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 2.4 D, VW Transporter T4 Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 2.0, VW Transporter T4 Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 2.5 TDI, VW Transporter T4 Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 2.5 TDI Syncro, VW Transporter T4 Van (70A, 70H, 7DA, 7DH) 2.0, VW Transporter T4 Van (70A, 70H, 7DA, 7DH) 2.5, VW Transporter T4 Van (70A, 70H, 7DA, 7DH) 1.9 D, VW Transporter T4 Van (70A, 70H, 7DA, 7DH) 1.9 TD, VW Transporter T4 Van (70A, 70H, 7DA, 7DH) 2.4 D, (+ 17)

The steps may slightly vary depending on the car design.

REPLACEMENT: SHOCK ABSORBERS – VW
TRANSPORTER T4. TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 17
- Drive socket # 21
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: shock absorbers – VW Transporter T4. Tip from AUTODOC experts:

- 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 – VW TRANSPORTER T4. TAKE THE FOLLOWING 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: shock absorbers – VW Transporter T4. Tip:

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

5

Remove the wheel.



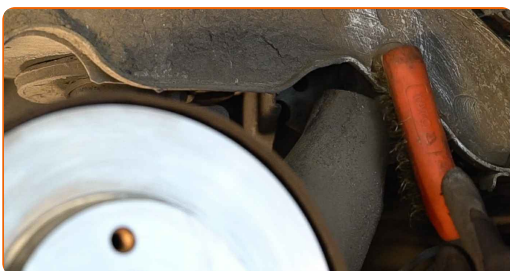
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Secure the rear axle beam. Use a hydraulic transmission jack.

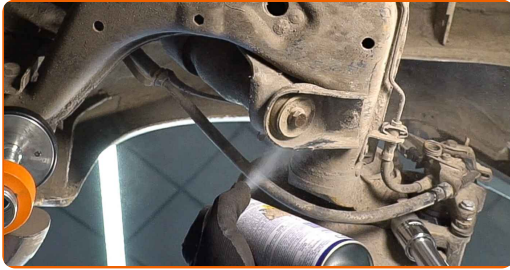


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Clean the shock absorber fasteners. Use a wire brush.



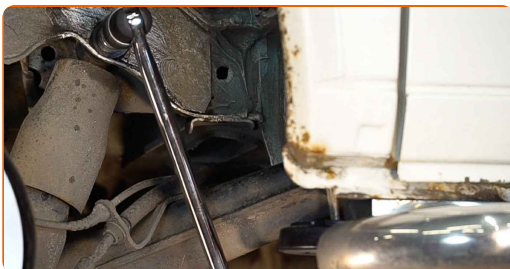
8 Use WD-40 spray.



9 Unscrew the lower fastener of the shock absorber. Use a drive socket #17. Use a tap wrench. Use a ratchet wrench.



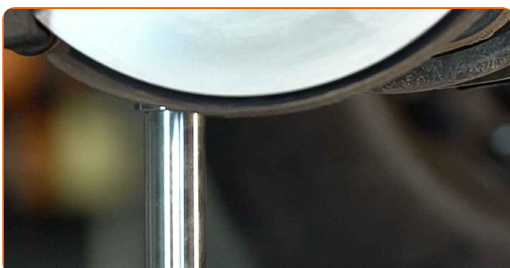
10 Unscrew the upper fastener of the shock absorber. Use a drive socket #21. Use a ratchet wrench. Use a tap wrench.



AUTODOC recommends:

- Important! Hold the shock absorber while unscrewing the fastening bolts. VW Transporter T4

11 Lower the hydraulic transmission jack by 10-15 cm.



Replacement: shock absorbers – VW Transporter T4. AUTODOC recommends:

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

12

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

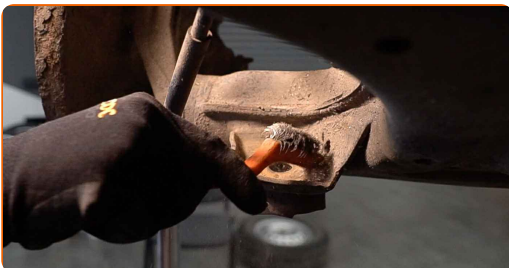


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Remove the shock absorber.

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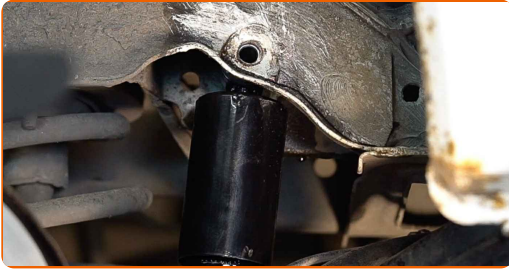
Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.



Replacement: shock absorbers – VW Transporter T4. Tip from AUTODOC experts:

- Before installing a new shock absorber you should pump it manually 3-5 times.

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



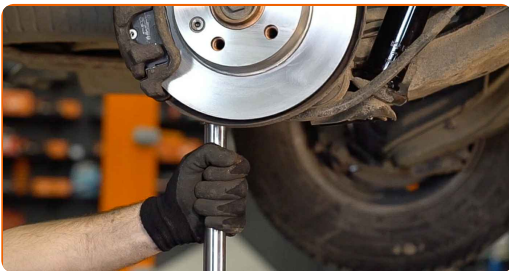
AUTODOC recommends:

- VW Transporter T4 – To avoid injury, hold the shock absorber while screwing in the fastening bolts.

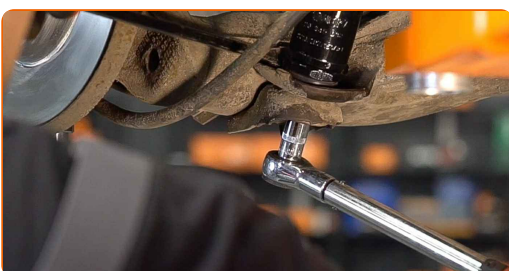
- 16 Screw the upper fastener of the shock absorber.



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



- 18 Tighten the lower fastener of the shock absorber. Use a drive socket #17. Use a torque wrench. Tighten it to 45 Nm torque.



19 Tighten the top shock absorber fastening. Use a drive socket #21. Use a torque wrench. Tighten it to 100 Nm torque.

20 Remove the mounting from under the rear axle beam.

AUTODOC recommends:

- Replacement: shock absorbers – VW Transporter T4. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

21 Treat the shock absorber fasteners. Use copper grease.

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



23 Install the wheel.



Replacement: shock absorbers – VW Transporter T4. Tip:

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

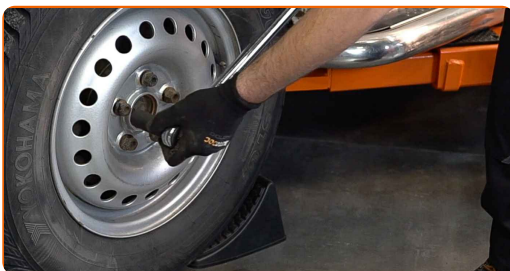
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Screw in the wheel bolts. Use wheel impact socket #17.



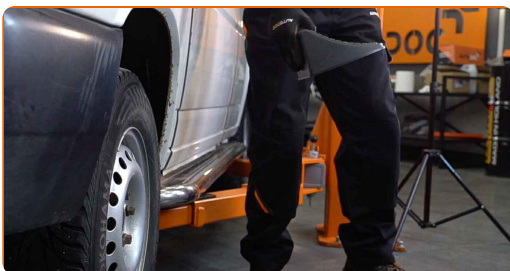
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Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 170 nm torque.



26

Remove the jacks and chocks.



WELL DONE! 👍

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