



How to change rear
shock absorbers on **VW
Transporter T4 Platform
/ Chassis (70E, 70L, 70M,
7DE, 7DL, 7D) –
replacement guide**

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

ⓘ Important!

This replacement procedure can be used for:

- VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 1.9 D, VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 1.9 TD, VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 2.4 D, VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 2.5, VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 2.5 Syncro, VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 2.0, VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 2.4 D Syncro, VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 2.5 TDI, VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 2.5 TDI Syncro, VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 1.8

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: VW Transporter T4 Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 2.5 TDI

REPLACEMENT: SHOCK ABSORBERS – VW
TRANSPORTER T4 PLATFORM / CHASSIS (70E, 70L,
70M, 7DE, 7DL, 7D). 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 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D). 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 PLATFORM / CHASSIS (70E, 70L, 70M, 7DE, 7DL, 7D). 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.

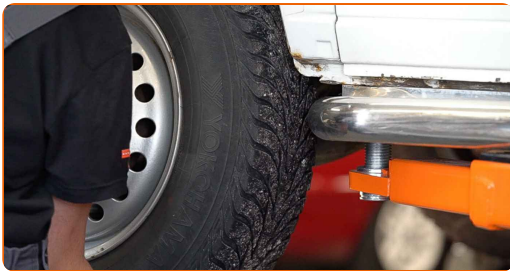


Replacement: shock absorbers – VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D). Tip:

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

5

Remove the wheel.



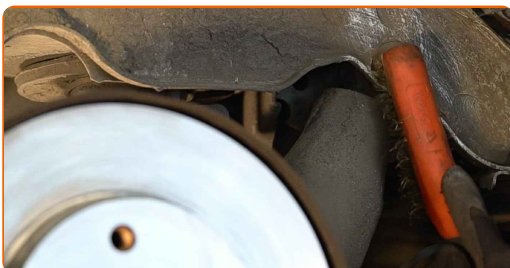
6

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

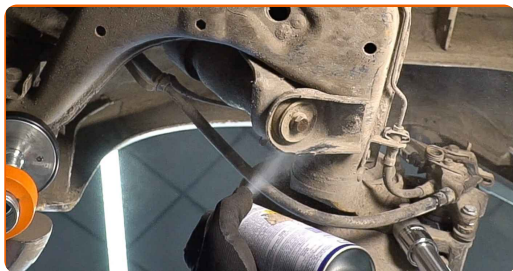


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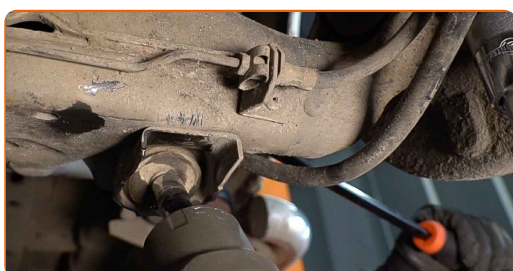
Clean the shock absorber fasteners. Use a wire brush.



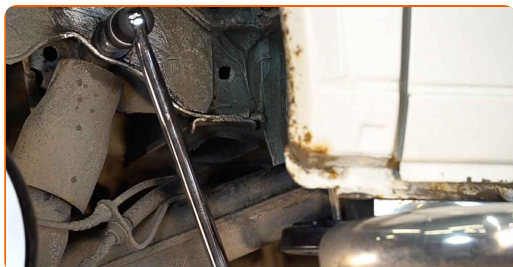
8 Use WD-40 spray.



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



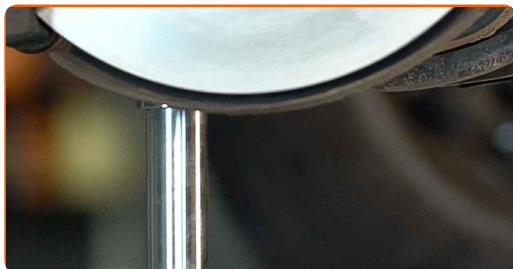
10 Unscrew the upper fastener of the shock absorber. Use a drive socket #21. Use a ratchet wrench. Use a tap wrench.



AUTODOC recommends:

- Important! Hold the shock absorber while unscrewing the fastening bolts. VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D)

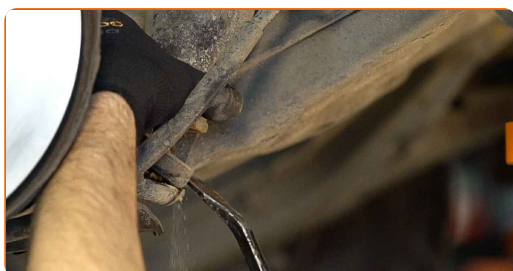
11 Lower the hydraulic transmission jack by 10-15 cm.



Replacement: shock absorbers – VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D). AUTODOC recommends:

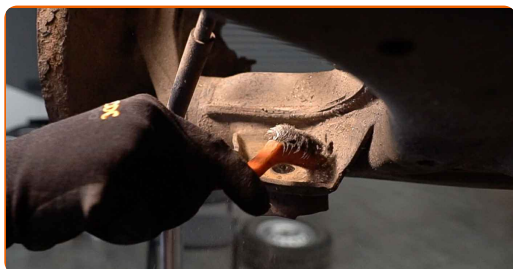
- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

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



13 Remove the shock absorber.

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

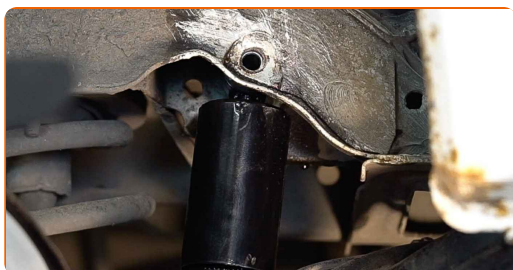


Replacement: shock absorbers – VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D). Tip from AUTODOC experts:

- 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 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) – To avoid injury, hold the shock absorber while screwing in the fastening bolts.

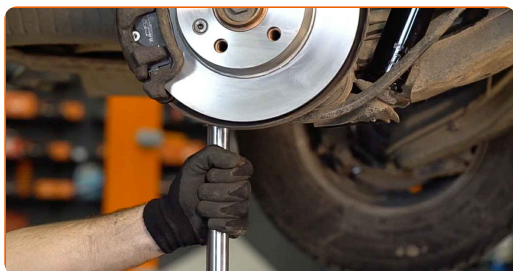
16

Screw the upper fastener of the shock absorber.

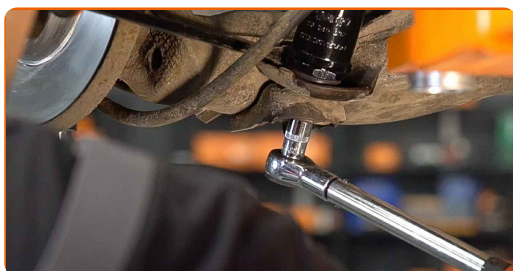


17

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.

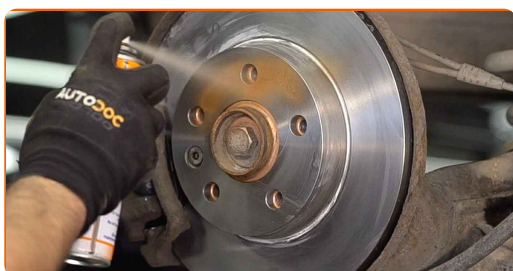
- 20** Remove the mounting from under the rear axle beam.

AUTODOC recommends:

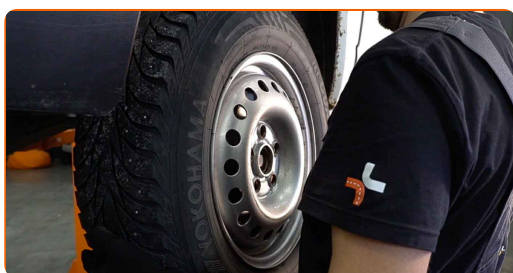
- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

- 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.

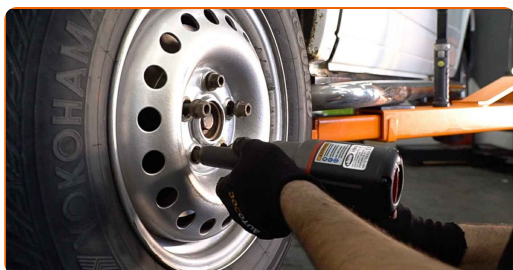


Replacement: shock absorbers – VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D). Tip:

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

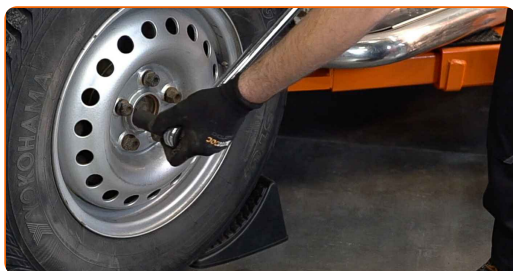
24

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



25

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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