



How to change rear
shock absorbers on **VW**
T5 Transporter –
replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 2.0 TDI, VW Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.0, VW Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 3.2 V6, VW Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 2.5 TDI, VW Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 1.9 TDI, VW Transporter V Platform / Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD) 1.9 TDI, VW Transporter V Platform / Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD) 2.5 TDI, VW Transporter V Platform / Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD) 2.0, VW Transporter V Platform / Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD) 3.2 V6, VW Transporter V Van (7HA, 7HH, 7EA, 7EH) 1.9 TDI, VW Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.5 TDI, VW Transporter V Van (7HA, 7HH, 7EA, 7EH) 2.0, VW Transporter V Van (7HA, 7HH, 7EA, 7EH) 3.2 V6, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 1.9 TDI, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 2.5 TDI, (+ 32)

The steps may slightly vary depending on the car design.

REPLACEMENT: SHOCK ABSORBERS – VW T5
TRANSPORTER. TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #21
- Drive socket # 18
- Drive socket # 21
- Wheel impact socket #19
- Ratchet wrench
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: shock absorbers – VW T5 Transporter. AUTODOC experts 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.
- Please note: all work on the car – VW T5 Transporter – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.

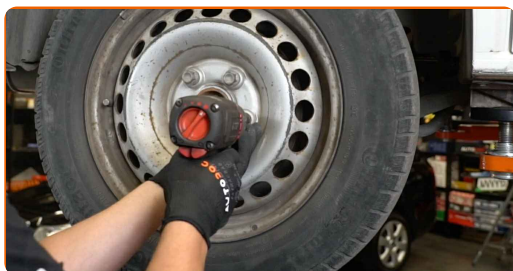
2 Loosen the wheel mounting bolts. Use wheel impact socket #19.



3 Raise the rear of the car and secure on supports.



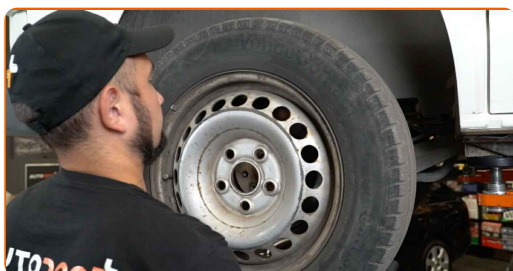
4 Unscrew the wheel bolts.



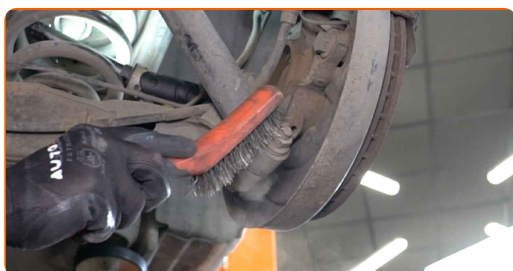
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW T5 Transporter

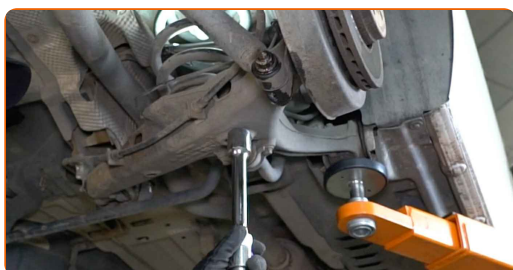
5 Remove the wheel.



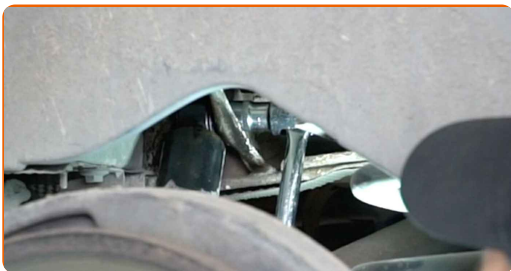
6 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



7 Support the arm. Use a hydraulic transmission jack.



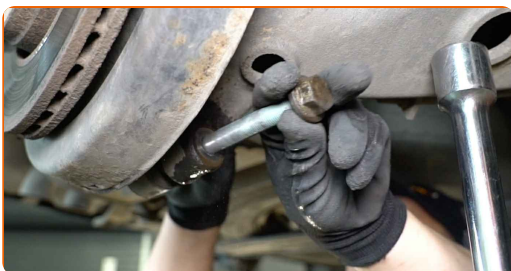
8 Unscrew the upper fastener of the shock absorber. Use a drive socket #18. Use a ratchet wrench.



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



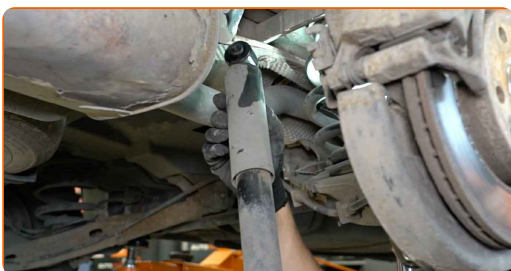
10 Remove the fastening bolts.



AUTODOC recommends:

- Important! Hold the shock absorber while unscrewing the fastening bolts. VW T5 Transporter

11 Remove the shock absorber.



12

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

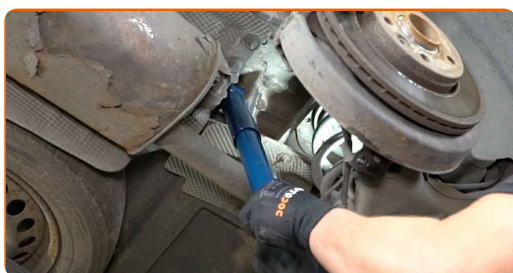


Replacement: shock absorbers – VW T5 Transporter. Tip from AUTODOC:

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

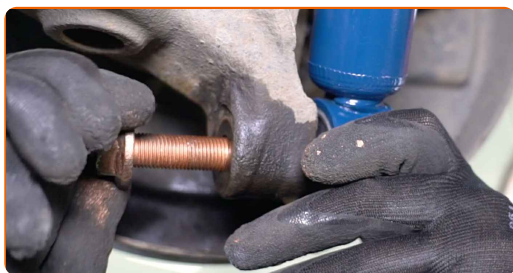
13

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



14

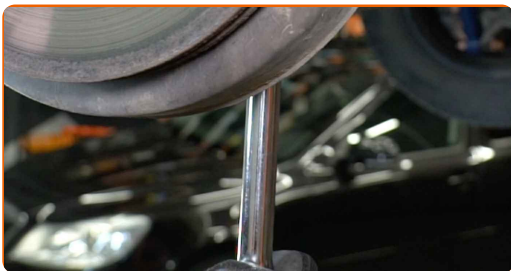
Install the fastening bolts.



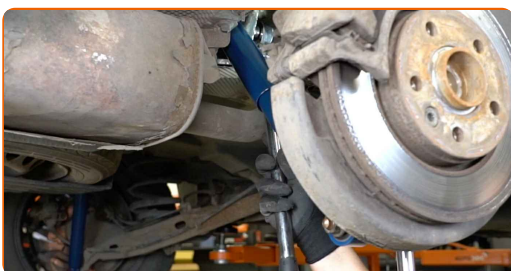
AUTODOC recommends:

- Important! Hold the shock absorber while screwing in the fastening bolts. VW T5 Transporter

15 Raise the hydraulic transmission jack by 10-15 cm.



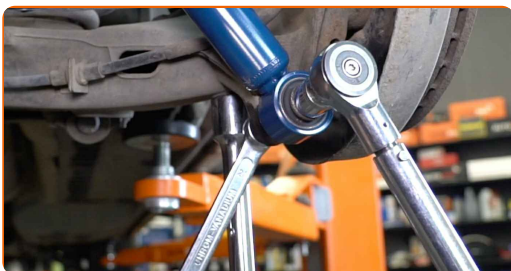
16 Tighten the top shock absorber fastening. Use a drive socket #18. Use a torque wrench. Tighten it to 80 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

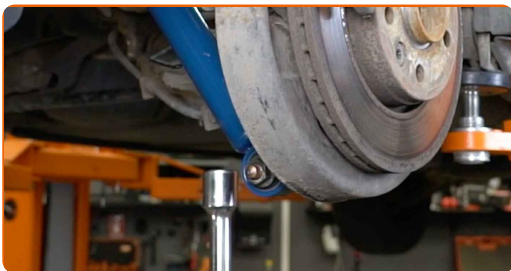
17 Tighten the lower fastener of the shock absorber. Use a combination spanner #21. Use a drive socket #21. Use a torque wrench. Tighten it to 120 Nm torque.+180°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

18 Remove the support from under the arm.



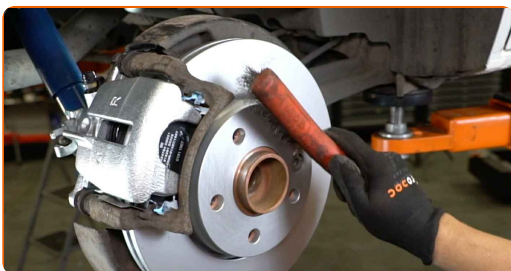
AUTODOC recommends:

- Replacement: shock absorbers – VW T5 Transporter. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

19 Treat the shock absorber fasteners. Use copper grease.



20 Clean the wheel rim mounting seat. Use a wire brush.

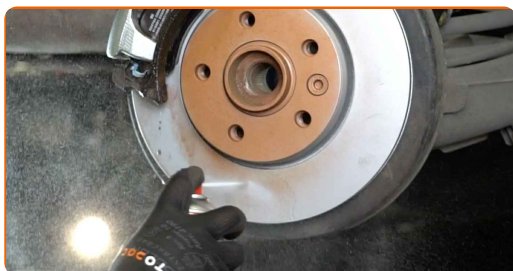


21 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



22

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: shock absorbers – VW T5 Transporter. After applying the spray, wait a few minutes.

23

Install the wheel.

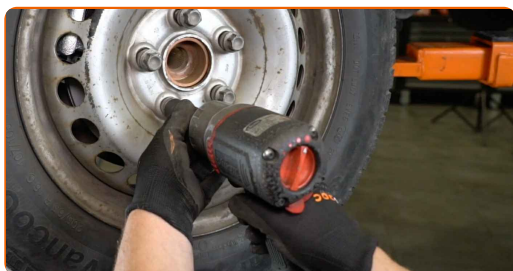


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW T5 Transporter

24

Screw in the wheel bolts. Use wheel impact socket #19.

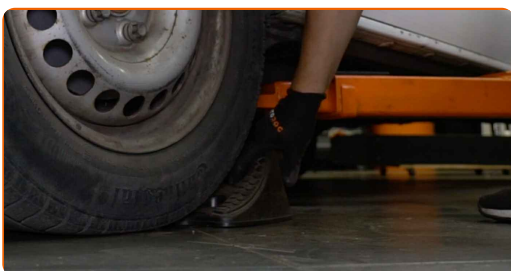


25

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 180 Nm torque.

**26**

Remove the jacks and chocks.



WELL DONE! 

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