

AUTODOC CLUB

How to change rear coil
springs on **VW**
Transporter V Platform /
Chassis (7JD, 7JE, 7JL,
7JY, 7JZ, 7FD) –
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 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) VR6 3.2, VW Transporter V Platform / Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD) 2.0 TDI, VW Transporter V Platform / Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD) 2.0 BiTDI

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 Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 1.9 TDI

**REPLACEMENT: COIL SPRINGS – VW TRANSPORTER V
PLATFORM / CHASSIS (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD).
LIST OF THE TOOLS YOU'LL NEED:**



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

Buy tools

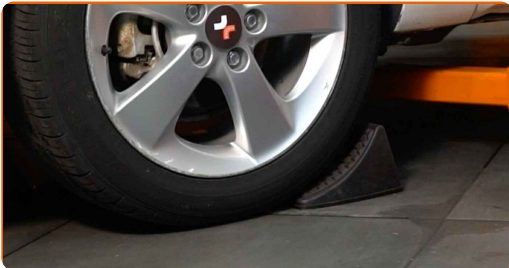
Replacement: coil springs – VW Transporter V Platform / Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD). AUTODOC recommends:

- Both coil springs of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right coil springs of the rear suspension.
- All work should be done with the engine stopped.

REPLACEMENT: COIL SPRINGS – VW TRANSPORTER V PLATFORM / CHASSIS (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD). USE THE FOLLOWING PROCEDURE:

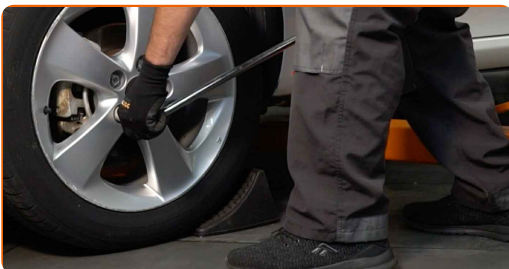
1

Secure the wheels with chocks.



2

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

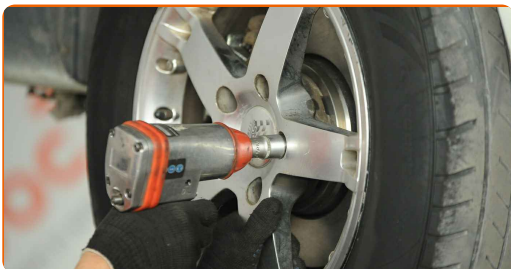


3

Raise the rear of the car and secure on supports.

4

Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. VW Transporter V Platform / Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)

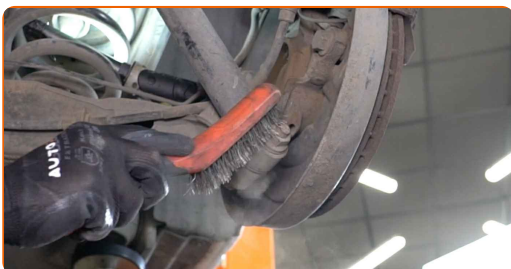
5

Remove the wheel.



6

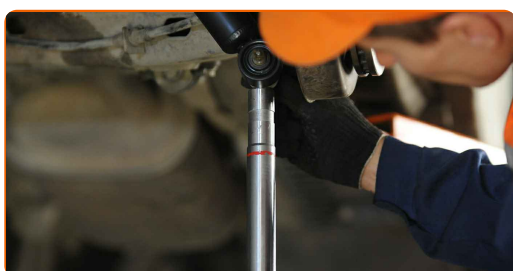
Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



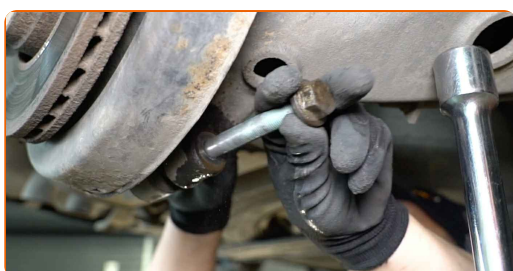
- 7** Unscrew the lower fastener of the shock absorber. Use a combination spanner #21. Use a drive socket #21. Use a ratchet wrench.



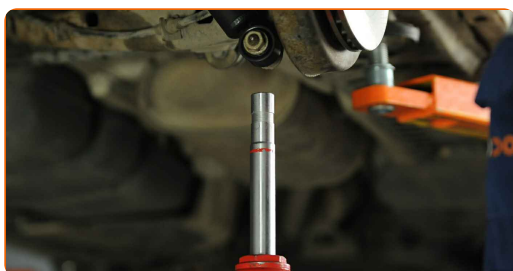
- 8** Support the arm. Use a hydraulic transmission jack.



- 9** Remove the fastening bolt.



- 10** Remove the support from under the arm.

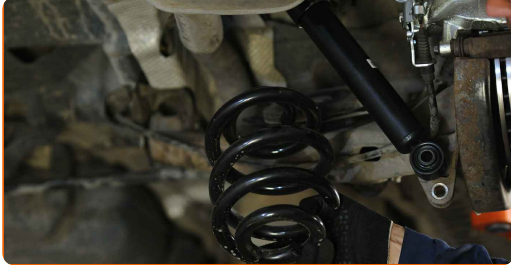


AUTODOC recommends:

- Replacement: coil springs – VW Transporter V Platform / Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

11 Pull down the suspension control arm.

12 Take out the spring.



13 Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.

14 Pull down the suspension control arm. Use a crowbar.

15 Install the spring.



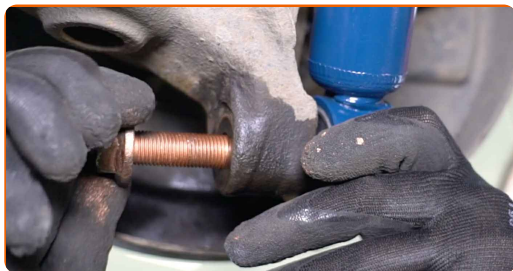
16 Support the arm. Use a hydraulic transmission jack.



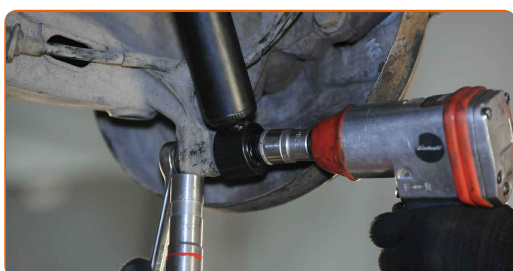
AUTODOC recommends:

- For tightening the fasteners correctly, you have to jack up the suspension components to their working position.

17 Install the fastening bolt.



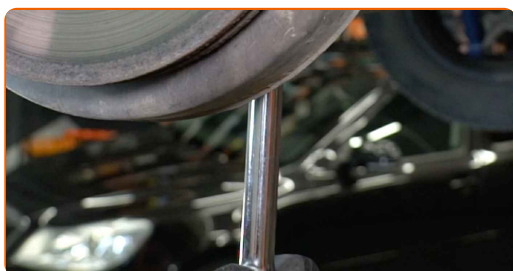
18 Tighten the lower fastener of the shock absorber. Use a combination spanner #21. Use a drive socket #21. Use a torque wrench. Tighten it to 120 Nm torque. +90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

19 Remove the support from under the arm.



AUTODOC recommends:

- Replacement: coil springs – VW Transporter V Platform / Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

20 Treat the shock absorber fasteners. Use copper grease.

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

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



23 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: coil springs – VW Transporter V Platform / Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD). After applying the spray, wait a few minutes.

24 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Transporter V Platform / Chassis (7JD, 7JE, 7JL, 7JY, 7JZ, 7FD)

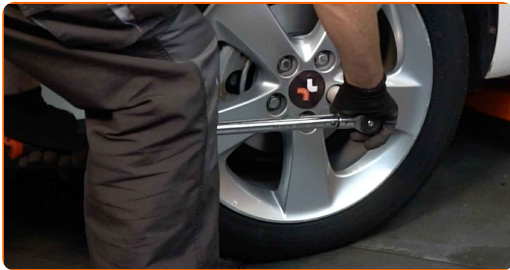
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Screw in the wheel bolts. Use wheel impact socket #19.



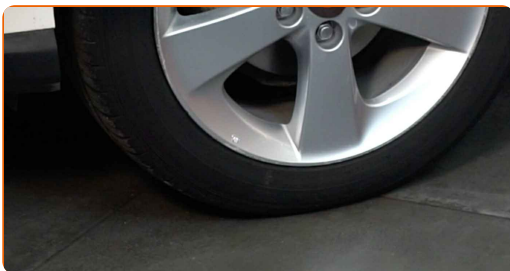
26

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.



27

Remove the jacks and chocks.



WELL DONE! 

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