



How to change rear coil
springs on **VW Passat B7**
saloon – replacement
guide

VIDEO TUTORIAL

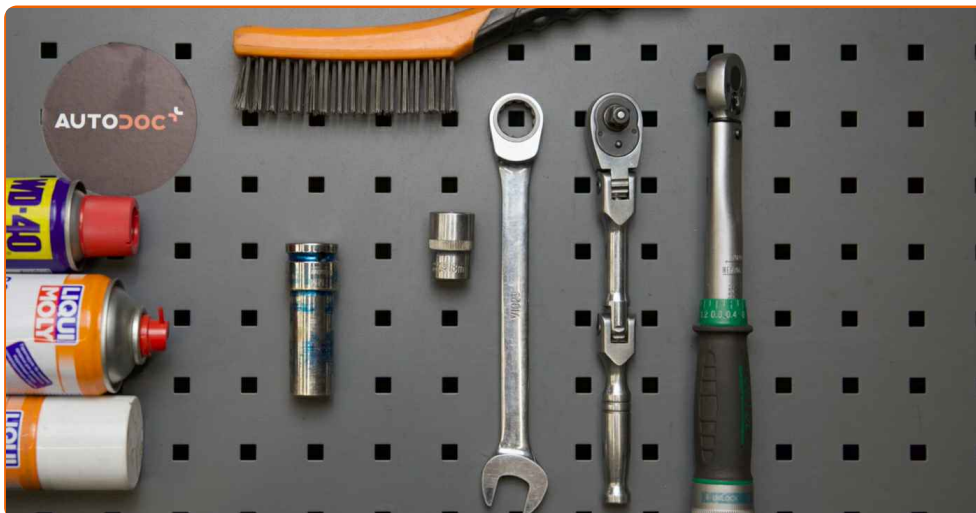
** Important!**

This replacement procedure can be used for:

VW Passat Saloon (362) 1.4 TSI, VW Passat Saloon (362) 1.8 TSI, VW Passat Saloon (362) 2.0 TSI, VW Passat Saloon (362) 1.6 TDI, VW Passat Saloon (362) 2.0 TDI, VW Passat Saloon (362) 1.4 TSI MultiFuel, VW TIGUAN (5N_) 1.4 TSI, VW TIGUAN (5N_) 2.0 TDI

The steps may slightly vary depending on the car design.

REPLACEMENT: COIL SPRINGS – VW PASSAT B7
SALOON. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #18
- Drive socket # 18
- Wheel impact socket #17
- Ratchet wrench
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: coil springs – VW Passat B7 saloon. AUTODOC experts recommend:

- 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.
- Please note: all work on the car – VW Passat B7 saloon – 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 #17.



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 Passat B7 saloon

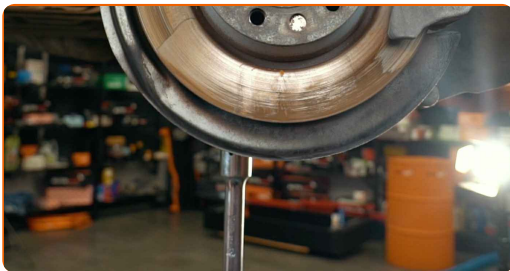
5

Remove the wheel.



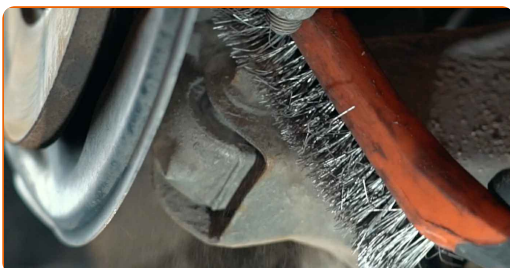
6

Support the arm. Use a hydraulic transmission jack.



7

Clean the control arm fasteners. Use a wire brush. Use WD-40 spray.



8 Unscrew the lower arm fastener. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



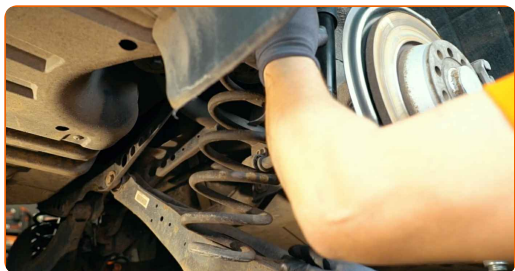
9 Remove the fastening bolt.



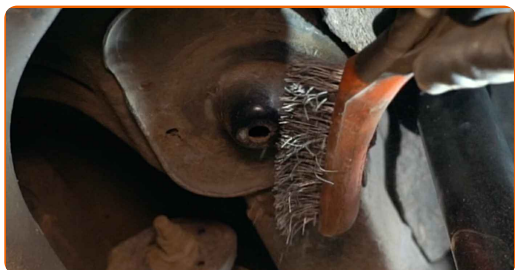
10 Lower the hydraulic transmission jack by 10-15 cm.



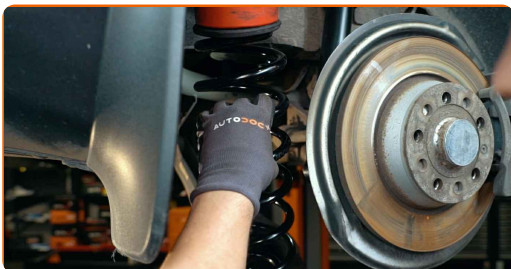
11 Remove the spring.



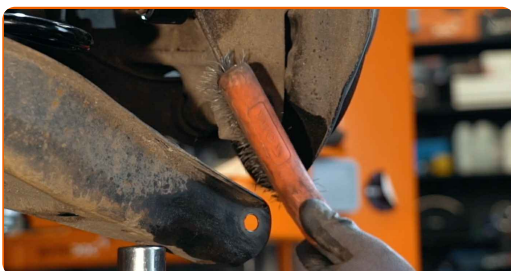
12 Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.



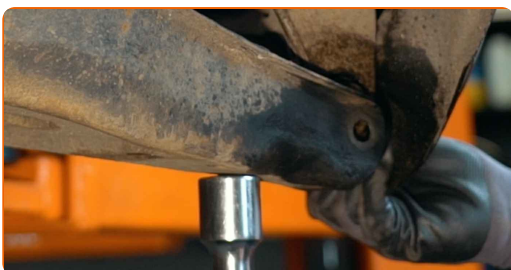
13 Install the coil spring together with the rubber mounts into the mounting seats.



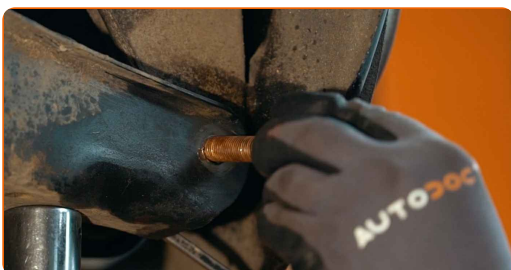
14 Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.



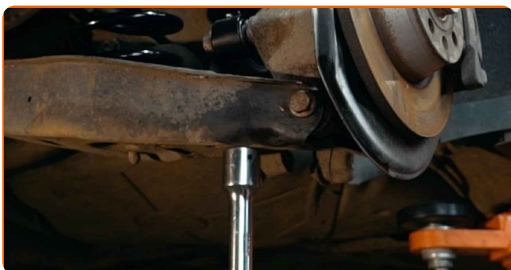
15 Raise the hydraulic transmission jack by 10-15 cm.



16 Install the fastening bolt.



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



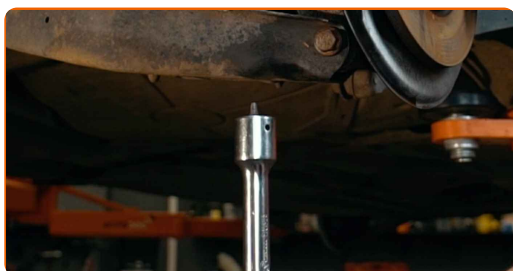
- 18** Tighten the lower arm fastener. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque. +90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

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

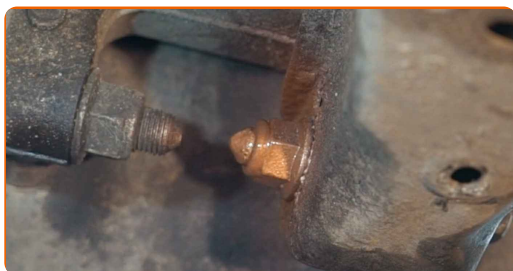


AUTODOC recommends:

- Replacement: coil springs – VW Passat B7 saloon. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

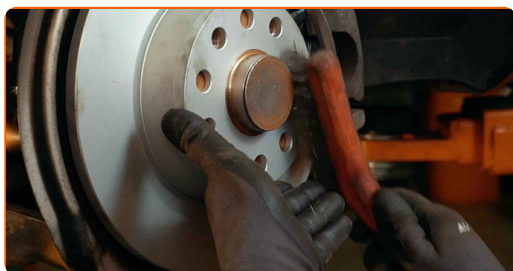
20

Treat the shock absorber fasteners. Treat all joints of the arm. 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 copper grease.



23

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: coil springs – VW Passat B7 saloon. After applying the spray, wait a few minutes.

24 Install the wheel.



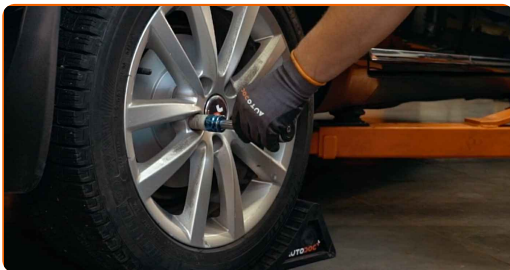
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Passat B7 saloon

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

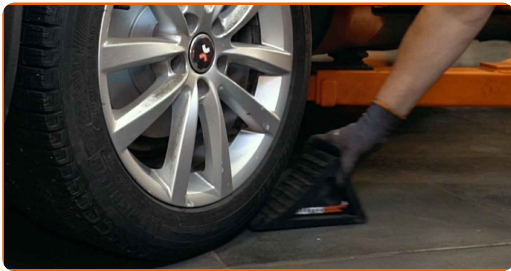


26 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



27

Remove the jacks and chocks.



WELL DONE! 

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