



How to change rear coil
springs on **VW TIGUAN**
(5N_) – 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 TIGUAN (5N_) 1.4 TSI, VW TIGUAN (5N_) 2.0 TDI

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 Passat Saloon (362) 2.0 TDI

**REPLACEMENT: COIL SPRINGS – VW TIGUAN (5N_).
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 TIGUAN (5N_). 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 TIGUAN (5N_) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

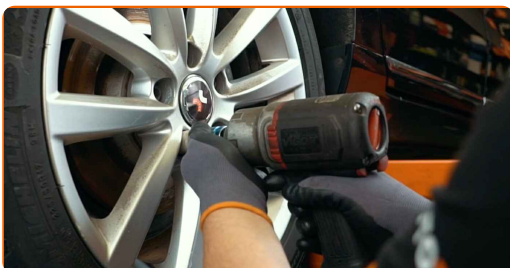
1 Secure the wheels with chocks.

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 TIGUAN (5N_)

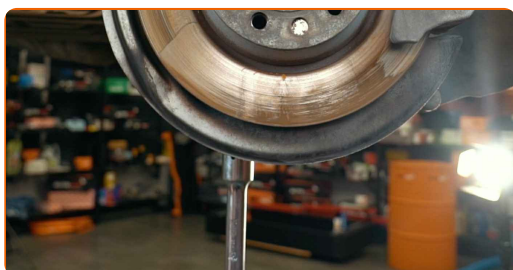
5

Remove the wheel.



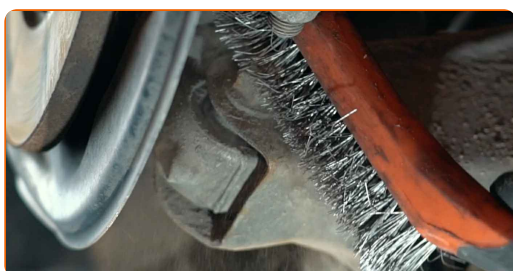
6

Support the arm. Use a hydraulic transmission jack.



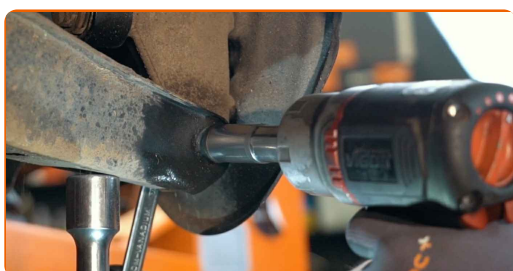
7

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.



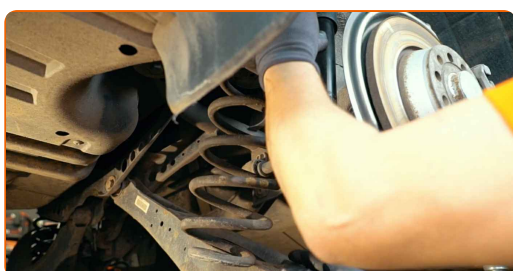
9 Remove the fastening bolt.



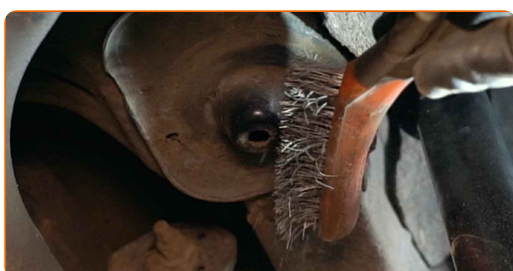
10 Lower the hydraulic transmission jack by 10-15 cm.



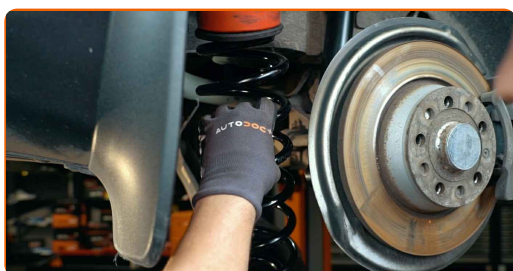
11 Remove the spring.



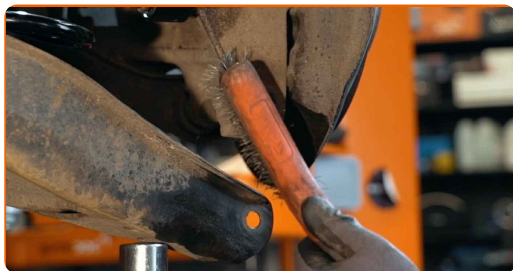
12 Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.



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



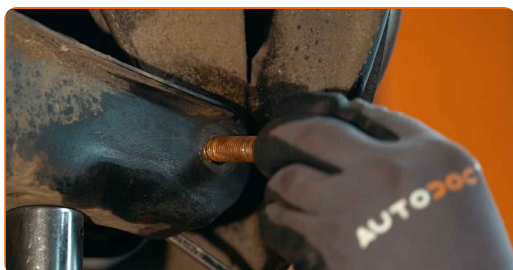
14 Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.



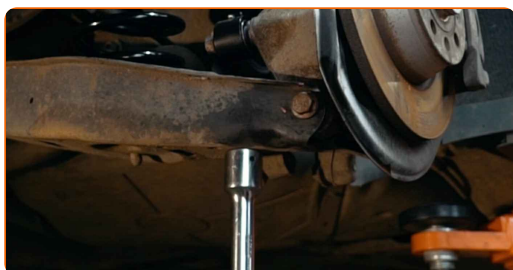
15 Raise the hydraulic transmission jack by 10-15 cm.



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°

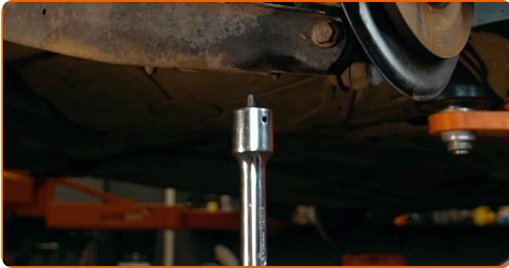


AUTODOC recommends:

- Important! Be sure to use new fasteners.

19

Remove the support from under the arm.



AUTODOC recommends:

- Replacement: coil springs – VW TIGUAN (5N_). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

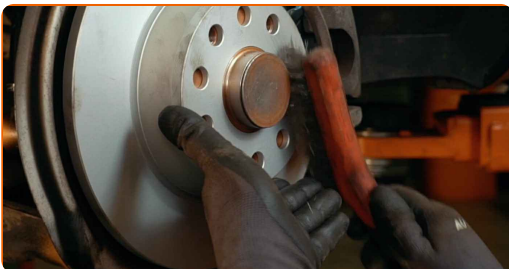
20

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.

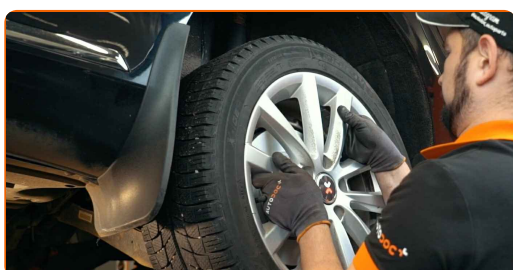


AUTODOC recommends:

- Replacement: coil springs – VW TIGUAN (5N_). After applying the spray, wait a few minutes.

24

Install the wheel.



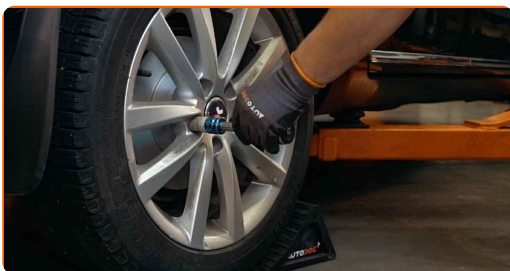
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW TIGUAN (5N_)

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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