



How to change rear coil  
springs on **VW Golf 6** –  
replacement guide

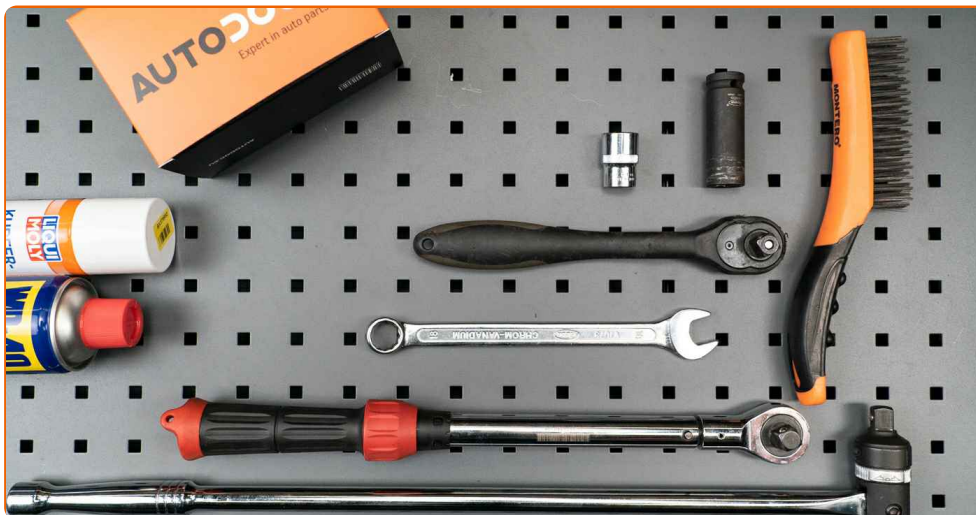
## VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:  
VW Golf V Hatchback (1K1) 2.0 GTI

The steps may slightly vary depending on the car design.

REPLACEMENT: COIL SPRINGS – VW GOLF 6. TOOLS YOU MIGHT NEED:



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

**BUY TOOLS**

Replacement: coil springs – VW Golf 6. 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.
- All work should be done with the engine stopped.

**REPLACEMENT: COIL SPRINGS – VW GOLF 6. RECOMMENDED SEQUENCE OF STEPS:**

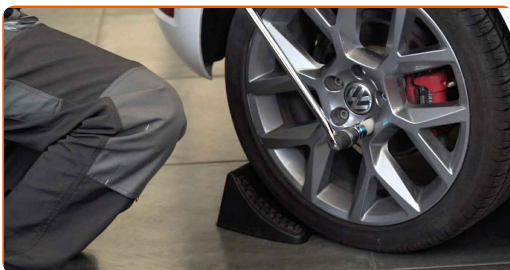
1

Secure the wheels with chocks.



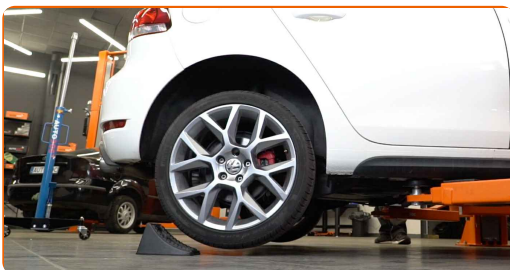
2

Loosen the wheel mounting bolts. Use wheel impact socket #17.



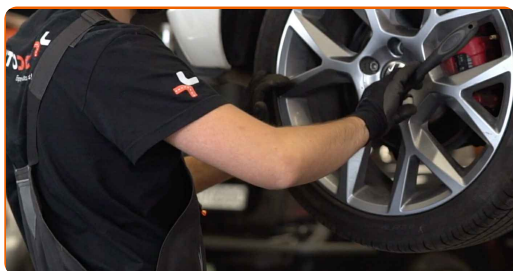
3

Raise the rear of the car and secure on supports.



4

Unscrew the wheel bolts.

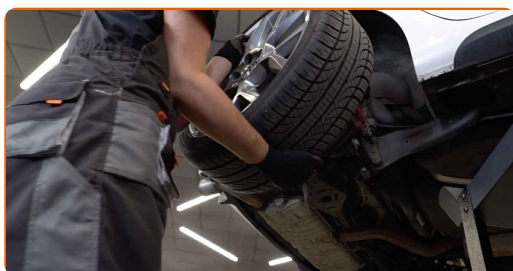


**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Golf 6

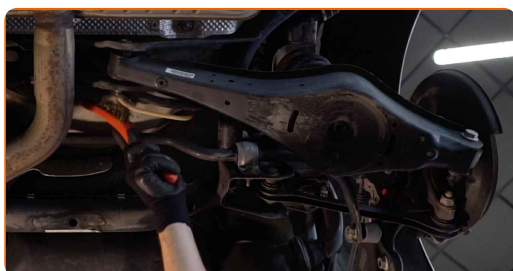
5

Remove the wheel.



6

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



- 7 Unscrew the fastener connecting the control arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



- 8 Remove the exhaust system fastener.



- 9 Make a mark on the crossmember and on the camber adjustment bolt.



- 10 Unscrew the arm fastening to the beam. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



**11** Support the arm. Use a hydraulic transmission jack.



**12** Remove the fastening bolt.



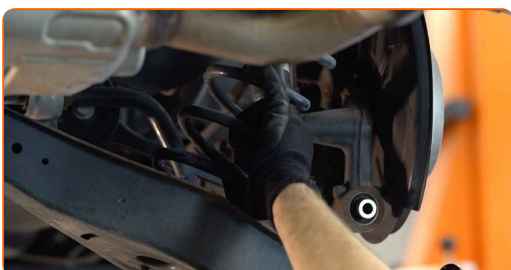
**13** Lower the hydraulic transmission jack by 10-15 cm.



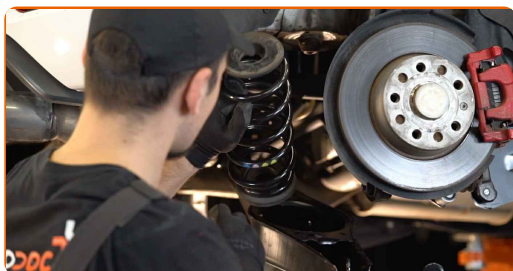
**AUTODOC recommends:**

- Replacement: coil springs – VW Golf 6. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

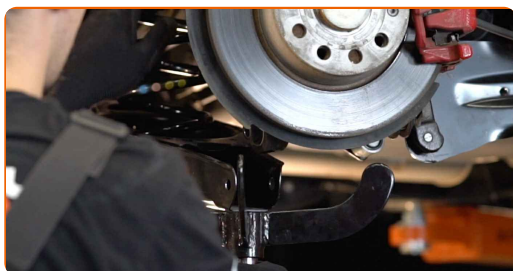
**14** Take out the spring.



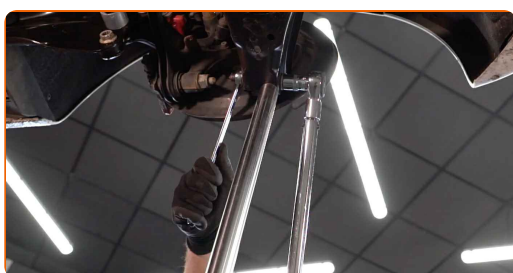
**15** Install the spring.



**16** Support the arm. Use a hydraulic transmission jack.



**17** Tighten the fasteners connecting the control arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.+90°

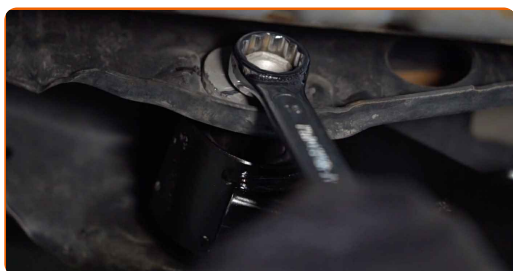


**AUTODOC recommends:**

- Important! Be sure to use new fasteners.



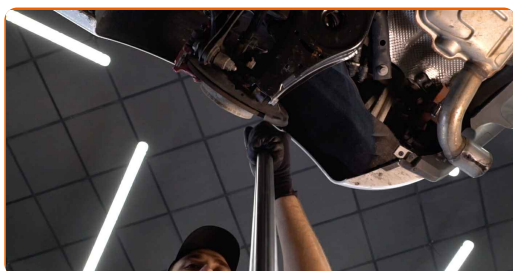
- 18** Tighten the arm fastening to the beam. Use a drive socket #18. Use a combination spanner #18. Use a torque wrench. Tighten it to 95 Nm torque.



**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

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



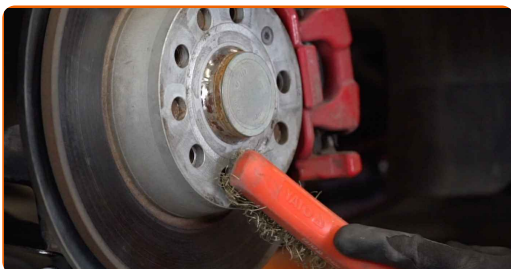
**AUTODOC recommends:**

- Replacement: coil springs – VW Golf 6. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

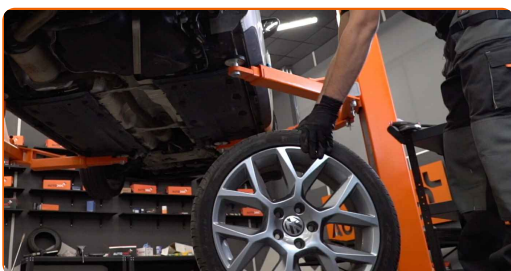
- 20** Install the exhaust system fastener.



- 21** Clean the brake disk surface. Use a wire brush. Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



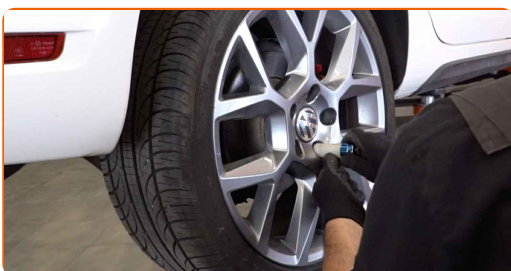
- 22** Install the wheel.



**AUTODOC recommends:**

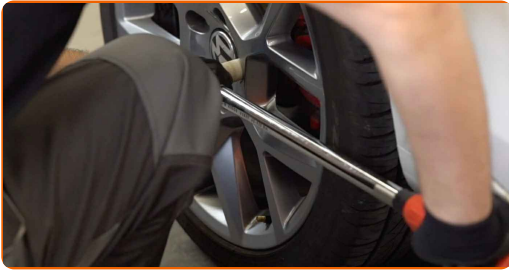
- Important! Hold the wheel while screwing in the fastening bolts. VW Golf 6

- 23** Screw in the wheel bolts. Use wheel impact socket #17.

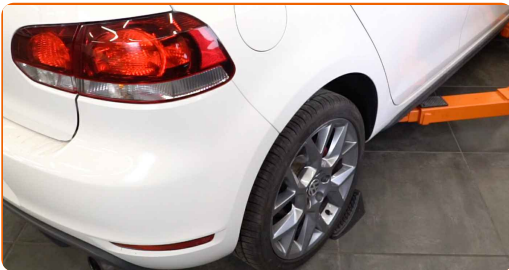


**24**

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.

**25**

Remove the jacks and chocks.

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