



How to change rear coil  
springs on **VW Golf VI  
Van (5K1\_)** – 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 Golf VI Van (5K1\_) 2.0 TDi, VW Golf VI Van (5K1\_) 1.4 TSi, VW Golf VI Van (5K1\_) 1.2 TSi, VW Golf VI Van (5K1\_) 1.6 TDi, VW Golf VI Van (5K1\_) 1.2 TSi BlueMotion, VW Golf VI Van (5K1\_) 1.6 TDi BlueMotion, VW Golf VI Van (5K1\_) TSi

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 Golf V Hatchback (1K1) 1.6

REPLACEMENT: COIL SPRINGS – VW GOLF VI VAN  
(5K1\_). TOOLS YOU'LL NEED:



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

[Buy tools](#)

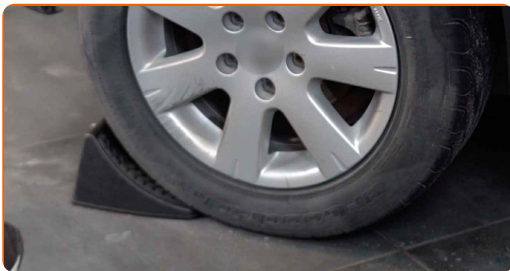
Replacement: coil springs – VW Golf VI Van (5K1\_). Professionals recommend:

- 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 VI VAN (5K1\_). USE THE FOLLOWING PROCEDURE:

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.

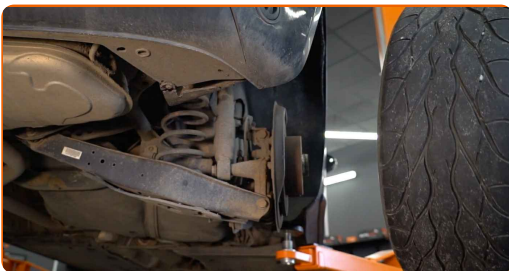


Replacement: coil springs – VW Golf VI Van (5K1\_). AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

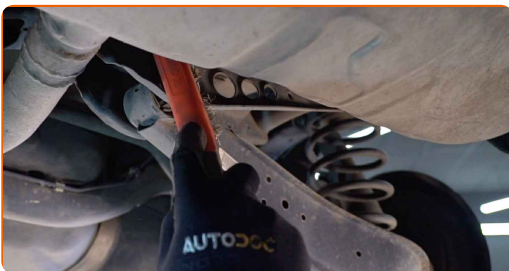
5

Remove the wheel.



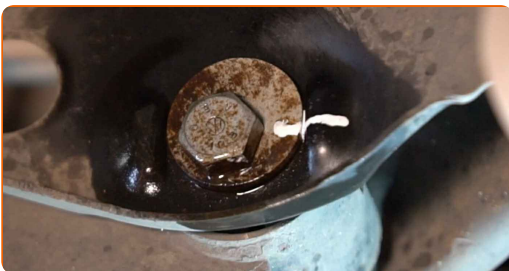
6

Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



7

Make a mark on the camber adjustment bolt.



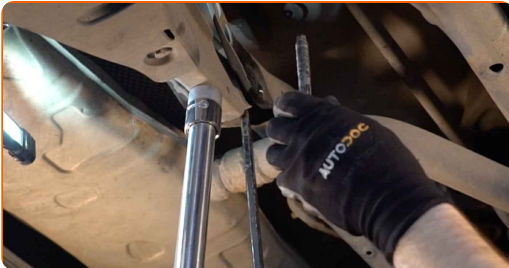
- 8 Unscrew the arm fastening to the beam. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



- 9 Support the arm. Use a hydraulic transmission jack.



- 10 Remove the fastening bolt. Use a crowbar.



- 11 Remove the support from under the arm.



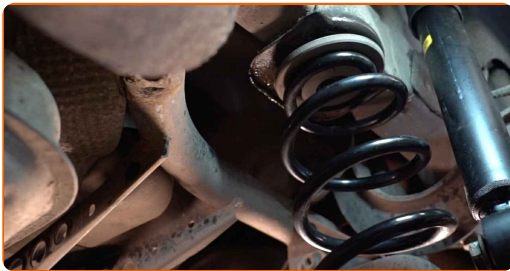
**AUTODOC recommends:**

- Replacement: coil springs – VW Golf VI Van (5K1\_). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

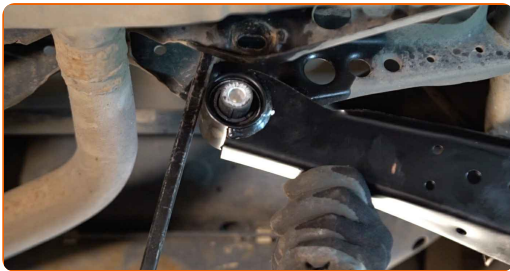
12 Take out the spring.



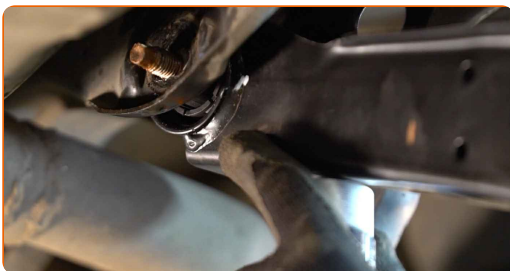
13 Install the coil spring together with the rubber mounts into the mounting seats. Use a crowbar.



14 Support the arm. Use a hydraulic transmission jack.



15 Install the fastening bolt.



**AUTODOC recommends:**

- Adjust the position of the alignment bolt according to the mark.

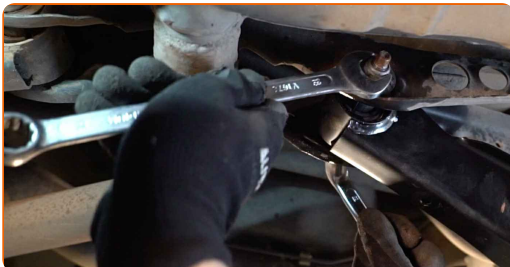
16 Remove the support from under the arm.



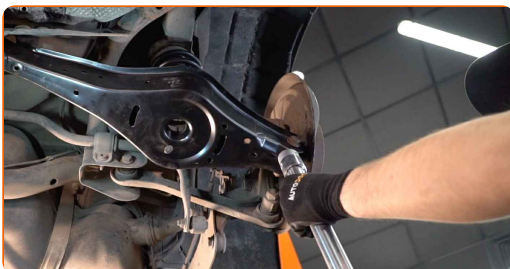
Replacement: coil springs – VW Golf VI Van (5K1\_). Tip from AUTODOC experts:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

17 Screw in the fastener connecting the control arm to the rear subframe. Use a combination spanner #18. Use a drive socket #18.

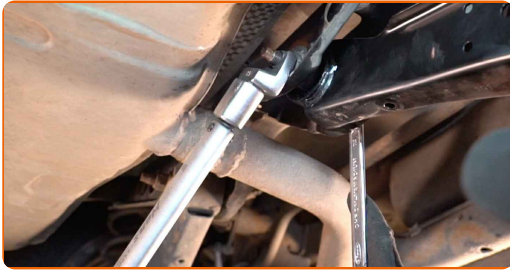


18 Support the arm. Use a hydraulic transmission jack.

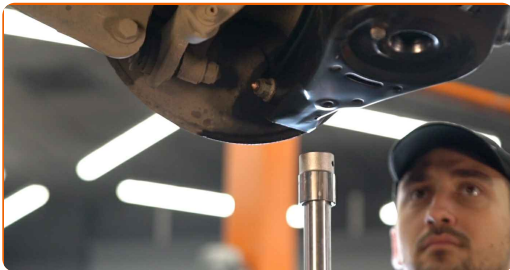




- 19 Tighten the fastener connecting the control arm to the rear subframe. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 95 Nm torque.



- 20 Remove the support from under the arm.



**AUTODOC recommends:**

- VW Golf VI Van (5K1\_) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

- 21 Treat all joints of the arm. Use copper grease.



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.

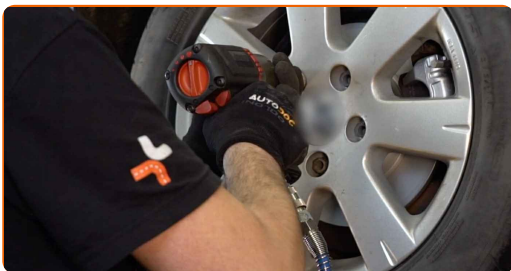


Replacement: coil springs – VW Golf VI Van (5K1\_). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

24

Install the wheel.

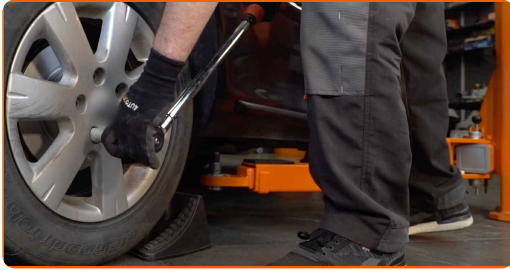


AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. VW Golf VI Van (5K1\_)

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 a torque wrench. Tighten it to 120 nm torque.



27

Remove the jacks and chocks.

**WELL DONE!** 👍

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