



How to change rear coil  
springs on **VW Fox  
Hatchback (5Z1, 5Z3,  
5Z4)** – 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 Fox Hatchback (5Z1, 5Z3, 5Z4) 1.2, VW Fox Hatchback (5Z1, 5Z3, 5Z4) 1.4, VW Fox Hatchback (5Z1, 5Z3, 5Z4) 1.4 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: SKODA Fabia I Combi (6Y5) 1.2

**REPLACEMENT: COIL SPRINGS – VW FOX HATCHBACK  
(5Z1, 5Z3, 5Z4). TOOLS YOU NEED:**



- Wire brush
- WD-40 spray
- Copper grease
- Combination spanner #16
- Drive socket # 16
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

Replacement: coil springs – VW Fox Hatchback (5Z1, 5Z3, 5Z4). Tip from AUTODOC:

- 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 Fox Hatchback (5Z1, 5Z3, 5Z4) – 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.



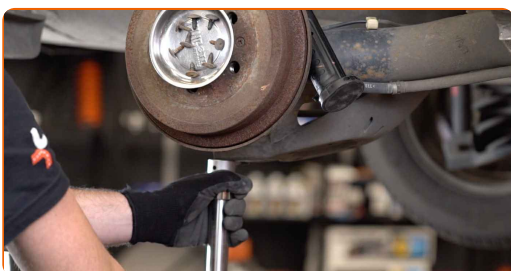
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Fox Hatchback (5Z1, 5Z3, 5Z4)

**5** Remove the wheel.



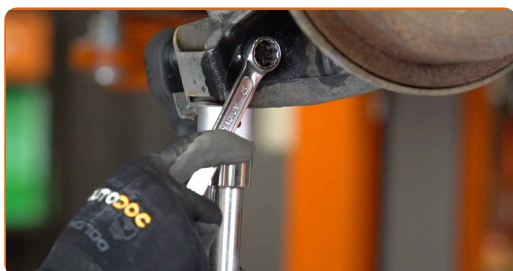
**6** Secure the rear axle beam. Use a hydraulic transmission jack.



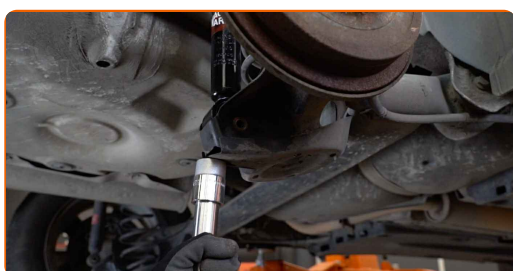
**7** Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



- 8** Unscrew the lower fastener of the shock absorber. Use a drive socket #16. Use a combination spanner #16. Use a ratchet wrench.



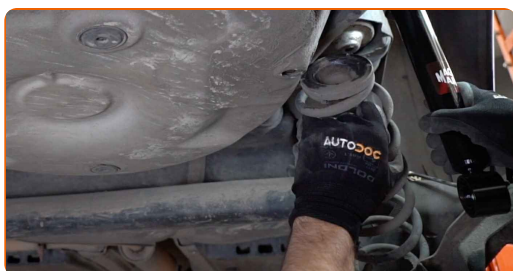
- 9** Lower the hydraulic transmission jack by 10-15 cm.



**AUTODOC recommends:**

- Replacement: coil springs – VW Fox Hatchback (5Z1, 5Z3, 5Z4). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

- 10** Remove the spring.



**11**

Clean the coil spring mounting seats. Use a wire brush.



**12**

Install the spring.



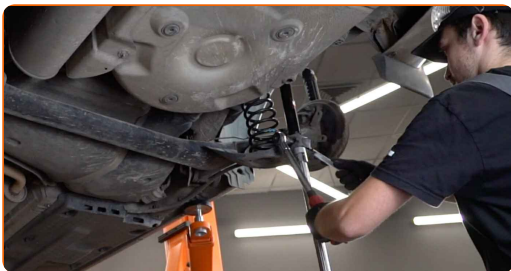
**13**

Secure the rear axle beam. Use a hydraulic transmission jack.



**14**

Tighten the lower fastener of the shock absorber. Use a drive socket #16. Use a combination spanner #16. Use a torque wrench. Tighten it to 40 Nm torque. +90°



**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

**15** Remove the mounting from under the rear axle beam.



**AUTODOC recommends:**

- VW Fox Hatchback (5Z1, 5Z3, 5Z4) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

**16** Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.



**17** Install the wheel.

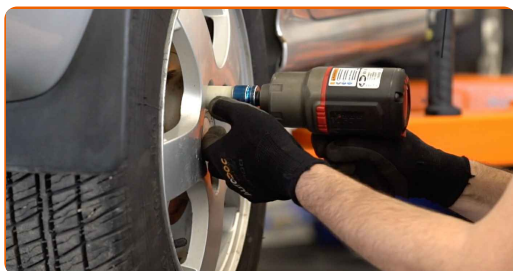


**AUTODOC recommends:**

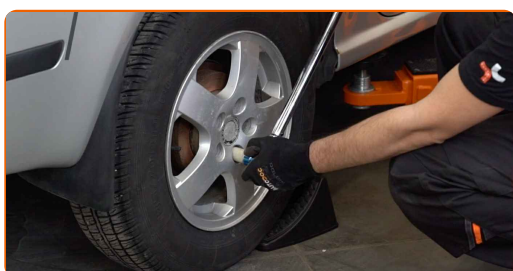
- Important! Hold the wheel while screwing in the fastening bolts. VW Fox Hatchback (5Z1, 5Z3, 5Z4)



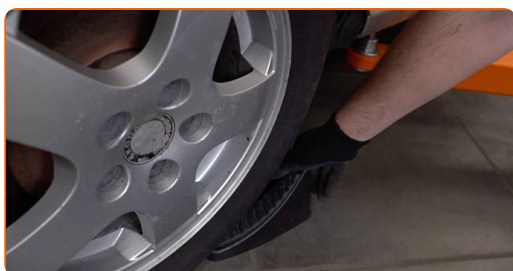
**18** Screw in the wheel bolts. Use wheel impact socket #17.



**19** Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 nm torque.



**20** Remove the jacks and chocks.



**WELL DONE!** 

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