



How to change rear coil
springs on **VW Lupo 6X1**
– replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

VW Lupo (6X1, 6E1) 1.0, VW Lupo (6X1, 6E1) 1.4 16V, VW Lupo (6X1, 6E1) 1.7 SDI,
VW Lupo (6X1, 6E1) 1.4

The steps may slightly vary depending on the car design.

REPLACEMENT: COIL SPRINGS – VW LUPO 6X1. LIST OF THE TOOLS YOU'LL NEED:



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

BUY TOOLS

Replacement: coil springs – VW Lupo 6X1. AUTODOC recommends:

- 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 LUPO 6X1. 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.



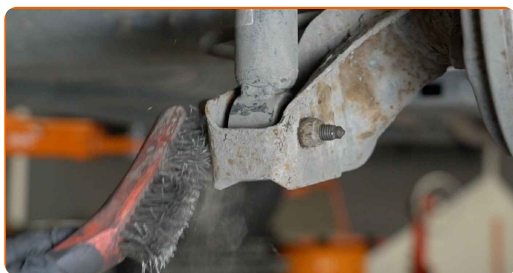
AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. VW Lupo 6X1

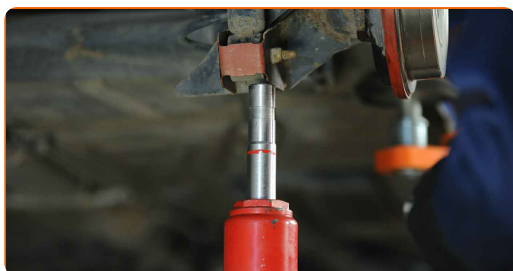
5 Remove the wheel.



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



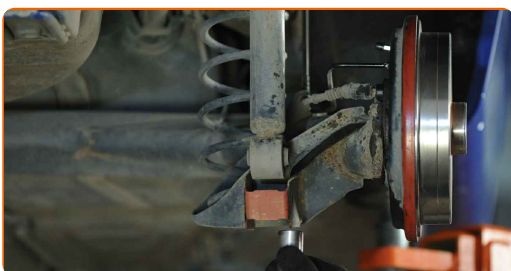
7 Support the rear suspension beam. Use a hydraulic transmission jack.



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



- 9** Detach the lower part of the shock absorber.



- 10** Remove the mounting from under the rear axle beam.



AUTODOC recommends:

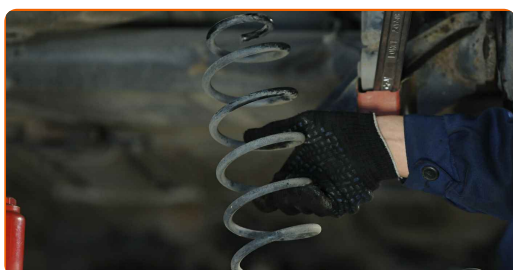
- VW Lupo 6X1 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

- 11** Pull down the suspension control arm. Use a crowbar.

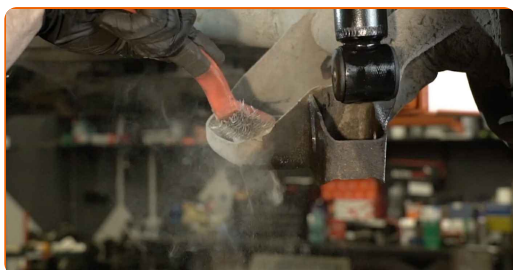
12 Take out the spring.



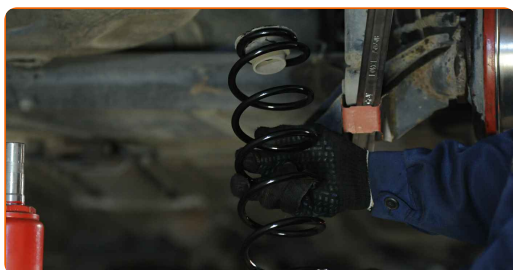
13 Remove the rubber spring spacer.



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

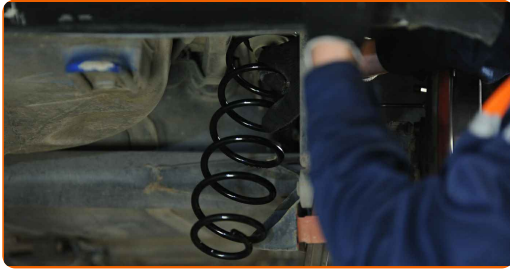


15 Install the rubber spring spacer.



16 Pull down the suspension control arm. Use a crowbar.

17 Install the spring.



18 Support the rear suspension beam. Use a hydraulic transmission jack.



19 Attach the lower part of the shock absorber.

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



AUTODOC recommends:

- Important! Be sure to use new fasteners.

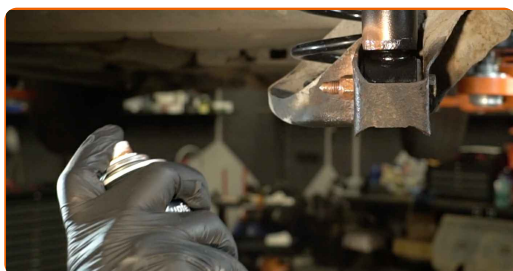
21 Remove the mounting from under the rear axle beam.



Replacement: coil springs – VW Lupo 6X1. Tip from AUTODOC experts:

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

22 Treat the shock absorber fasteners. Use copper grease.



23 Clean the wheel rim mounting seat. Use a wire brush.

24 Treat the surface where the wheel rim contacts the brake drum. Use copper grease.



25 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Lupo 6X1

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

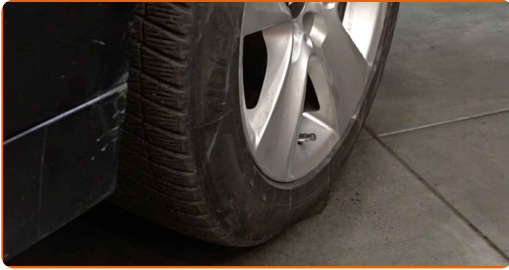


27 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 110 nm torque.



28

Remove the jacks and chocks.



WELL DONE! 

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