



How to change rear coil
springs on **VW Polo
Saloon (9A4, 9A2, 9N2,
9A6)** – 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 Polo Saloon (9A4, 9A2, 9N2, 9A6) 1.4, VW Polo Saloon (9A4, 9A2, 9N2, 9A6) 1.9 SDI, VW Polo Saloon (9A4, 9A2, 9N2, 9A6) 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: SEAT Ibiza III Hatchback (6L) 1.4 16V

REPLACEMENT: COIL SPRINGS – VW POLO SALOON (9A4, 9A2, 9N2, 9A6). TOOLS YOU'LL NEED:



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

Buy tools

Replacement: coil springs – VW Polo Saloon (9A4, 9A2, 9N2, 9A6). 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 POLO SALOON (9A4, 9A2, 9N2, 9A6). 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.



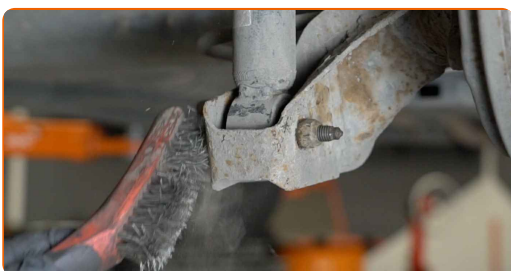
AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. VW Polo Saloon (9A4, 9A2, 9N2, 9A6)

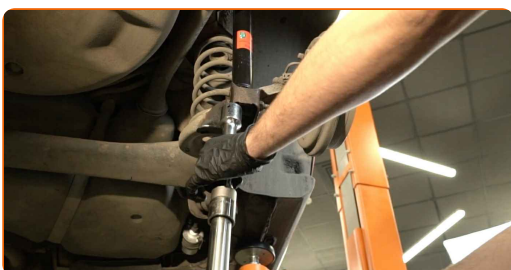
5 Remove the wheel.



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.



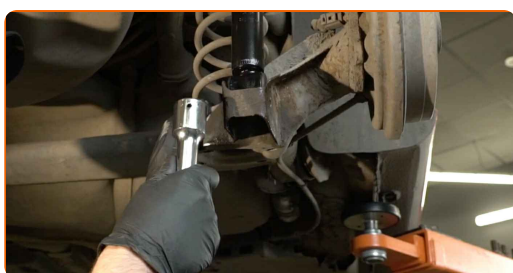
- 8 Unscrew the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



- 9 Remove the fastening bolt.



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



Replacement: coil springs – VW Polo Saloon (9A4, 9A2, 9N2, 9A6). Tip:

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

11

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



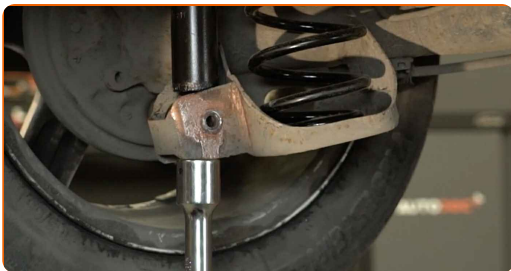
12

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



13

Remove the fastening bolt.



14

Remove the mounting from under the rear axle beam.



AUTODOC recommends:

- VW Polo Saloon (9A4, 9A2, 9N2, 9A6) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

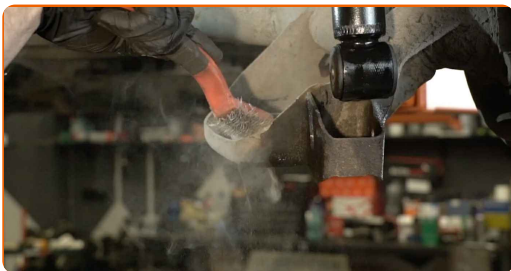
15 Remove the spring. Use a crowbar.



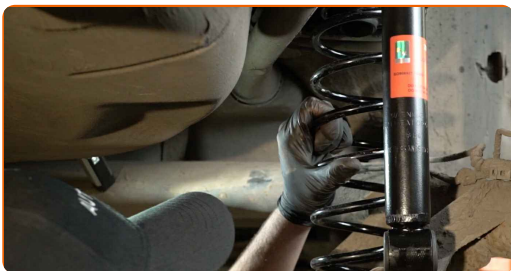
AUTODOC recommends:

- Inspect the rubber mounts of the suspension spring. Replace if necessary.

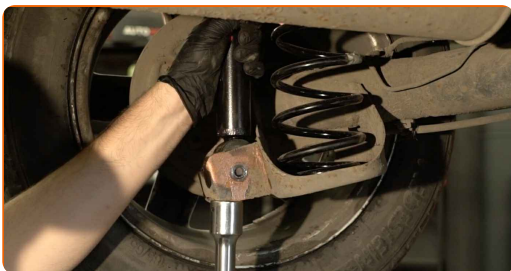
16 Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.



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



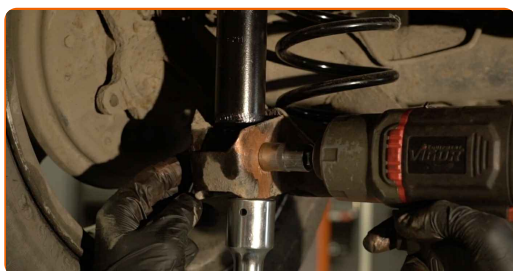
18 Support the rear suspension beam. Use a hydraulic transmission jack.



19 Install the fastening bolt.



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:

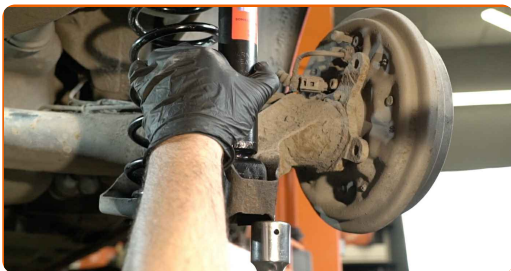
- Important! Be sure to use new fasteners.

21 Remove the mounting from under the rear axle beam.

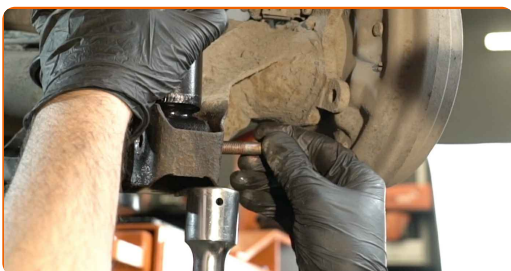
Replacement: coil springs – VW Polo Saloon (9A4, 9A2, 9N2, 9A6). Tip from AUTODOC:

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

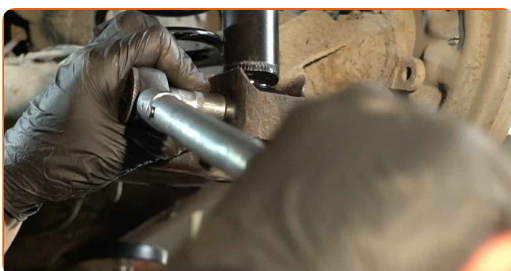
22 Support the rear suspension beam. Use a hydraulic transmission jack.



23 Install the fastening bolt.



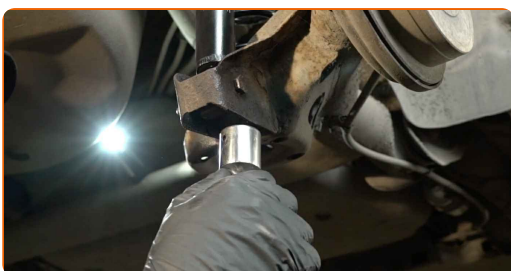
24 Tighten the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 40 Nm torque. +90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

25 Remove the mounting from under the rear axle beam.



AUTODOC recommends:

- VW Polo Saloon (9A4, 9A2, 9N2, 9A6) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

26

Treat the shock absorber fasteners. Use copper grease.



27

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



28

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



29

Install the wheel.



Replacement: coil springs – VW Polo Saloon (9A4, 9A2, 9N2, 9A6). Tip from AUTODOC experts:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

30

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



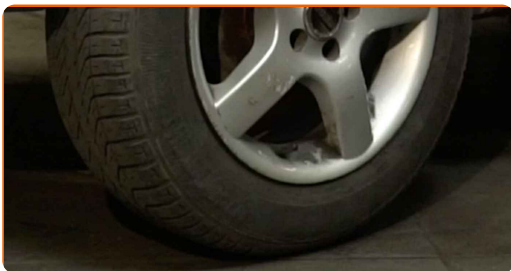
31

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.



32

Remove the jacks and chocks.



WELL DONE! 

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