



How to change rear  
shock absorbers on **VW**  
**Polo Saloon (9N4)** –  
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 (9N4) 1.9 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: VW Polo Saloon (602, 604, 612, 614) 1.6

REPLACEMENT: SHOCK ABSORBERS – VW POLO SALOON (9N4). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Combination spanner #16
- Drive socket # 16
- Torx bit T27
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Shock absorber socket #DD6
- Vice
- Crow bar
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

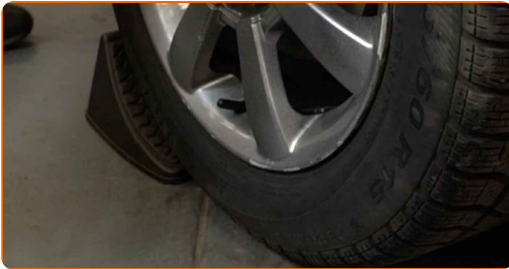
Replacement: shock absorbers – VW Polo Saloon (9N4). AUTODOC experts recommend:

- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- Warning! Shut down the engine before starting any work – VW Polo Saloon (9N4).

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

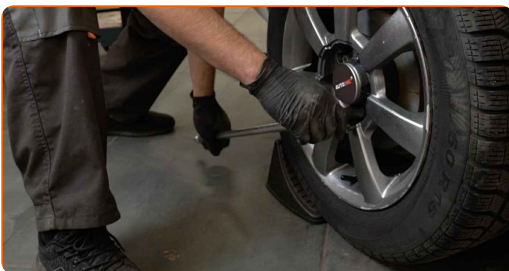
1

Secure the wheels with chocks.



2

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

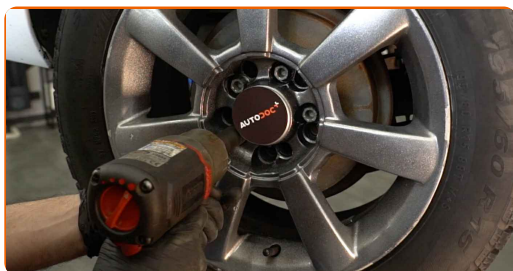


3

Raise the rear of the car and secure on supports.

4

Unscrew the wheel bolts.



Replacement: shock absorbers – VW Polo Saloon (9N4). AUTODOC recommends:

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

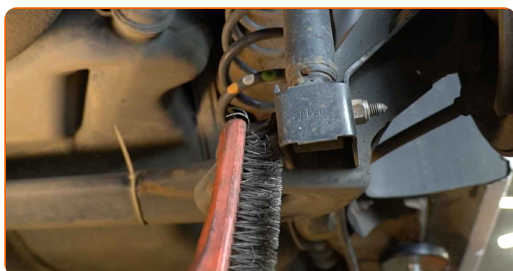
5

Remove the wheel.



6

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



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



- 8 Unscrew the wheel arch cover fasteners. Use Torx T27.



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



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



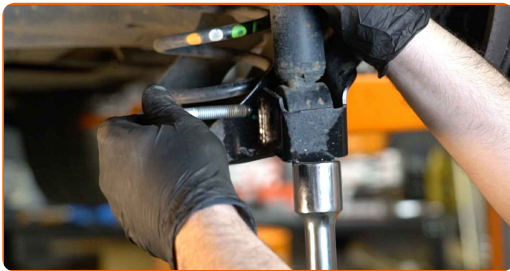
**11**

Unscrew the upper fastener of the shock absorber. Use a drive socket #16. Use a ratchet wrench.



**12**

Remove the fastening bolt. Use a drive socket #16. Use a ratchet wrench.

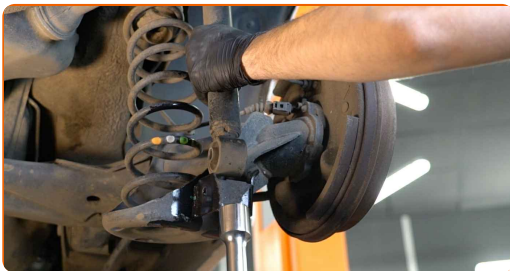


**AUTODOC recommends:**

- Important! Hold the shock absorber while unscrewing the fastening bolts. VW Polo Saloon (9N4)

**13**

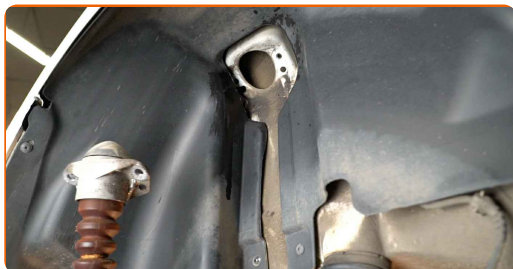
Lower the hydraulic transmission jack by 10-15 cm.



**Replacement: shock absorbers – VW Polo Saloon (9N4). Tip:**

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

**14** Remove the shock absorber.



**15** Grip the shock absorber in a vice.



**16** Remove the protective cap of the shock absorber mount. Use a crowbar.



**17** Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.

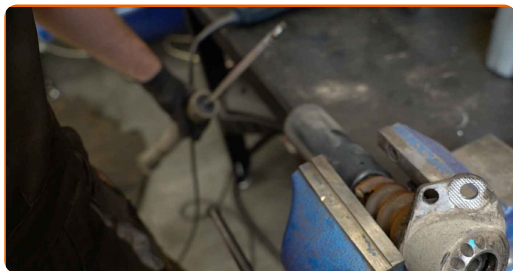


**18** Remove the shock absorber piston rod fastening. Use a shock absorber socket DDN<sup>o</sup>6. Use a drive socket #16. Use a ratchet wrench.





**19** Remove the shock absorber mount, boot and bump stop.



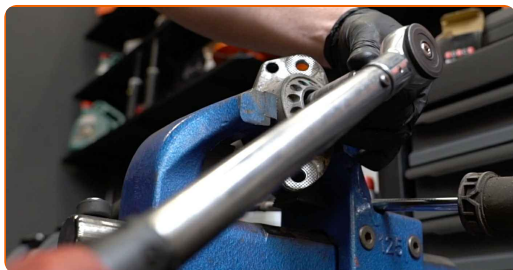
**AUTODOC recommends:**

- Replacement: shock absorbers – VW Polo Saloon (9N4). Carefully inspect the mount, the boot, and the bump stop of the shock absorber. Replace if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.

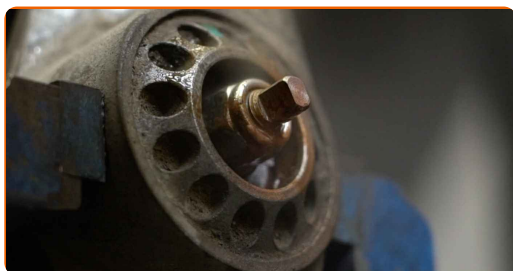
**20** Install the mount, boot and bump stop onto a new shock absorber.



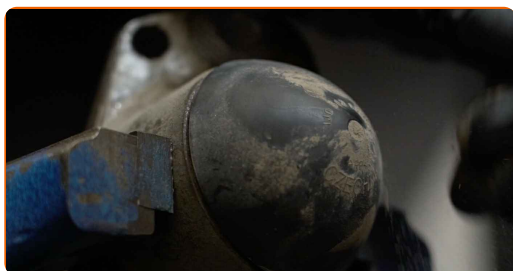
**21** Screw the shock strut piston rod upper fastening. Use a shock absorber socket DDN<sup>®</sup>6. Use a drive socket #16. Use a torque wrench. Tighten it to 25 nm torque.



**22** Treat the shock absorber rod fastener. Use copper grease.



**23** Install the protective cap of the shock absorber mount.



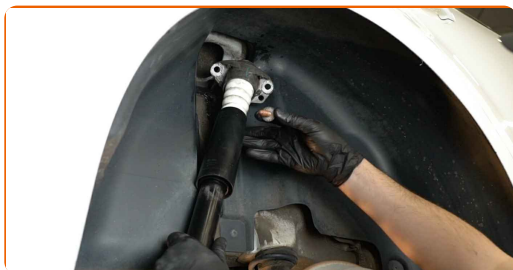
**24** Release the vice and take out the shock absorber.



**25** Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.



**26** Place the shock absorber in the wheel arch and secure it.



Replacement: shock absorbers – VW Polo Saloon (9N4). Tip from AUTODOC:

- To avoid injury, hold the shock absorber cautiously tight when screwing in the fastening bolts.

27

Tighten the top shock absorber fastening. Use a drive socket #16. Use a torque wrench. Tighten it to 30 Nm torque.+90°

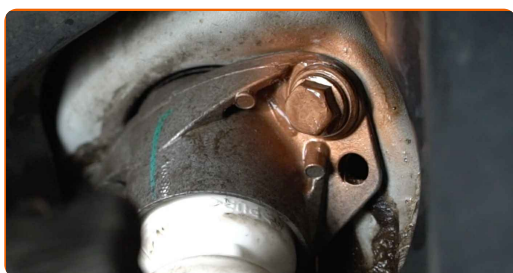


AUTODOC recommends:

- Important! Be sure to use new fasteners.

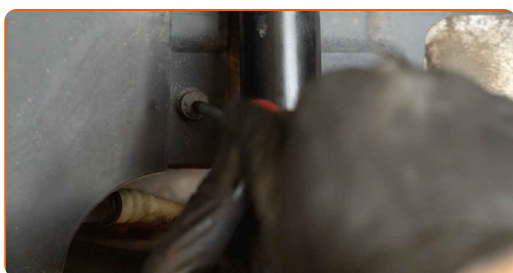
28

Treat the shock absorber fasteners. Use copper grease.

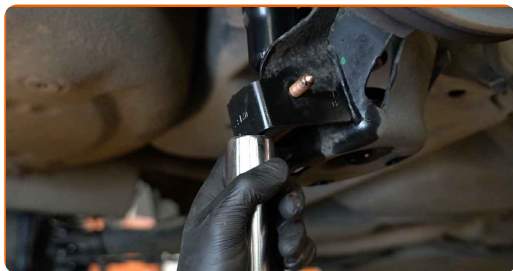


29

Screw in the fasteners. Use Torx T27.



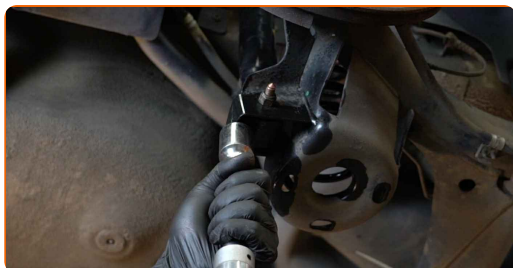
**30** Raise the hydraulic transmission jack by 10-15 cm. Use a hydraulic transmission jack.



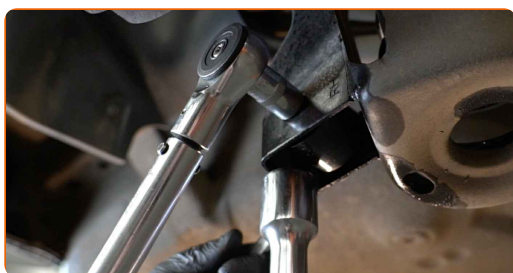
**31** Install the fastening bolt. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



**32** Raise the hydraulic transmission jack by 10-15 cm.



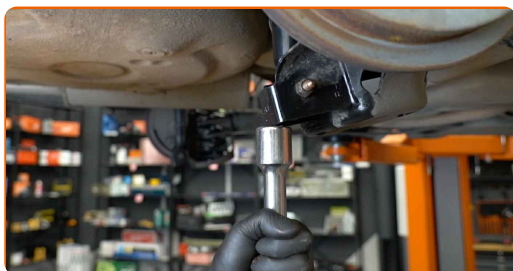
**33** Tighten the lower fastener of the shock absorber. Use a drive socket #16. Use a torque wrench. Tighten it to 40 Nm torque. +90°



**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

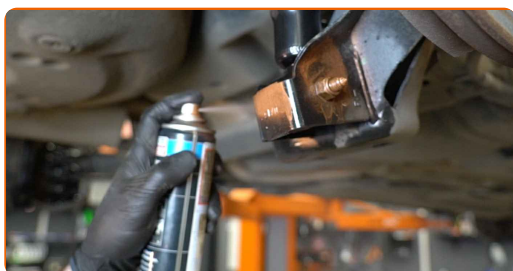
**34** Remove the mounting from under the rear axle beam.



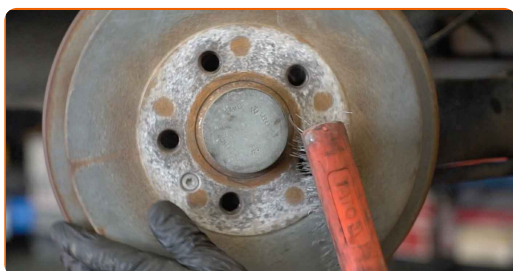
**AUTODOC recommends:**

- VW Polo Saloon (9N4) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

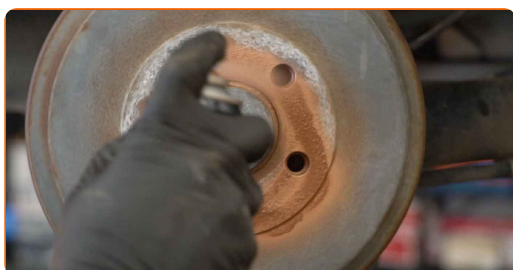
**35** Treat the shock absorber fasteners. Use copper grease.



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



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



38

Install the wheel.



Replacement: shock absorbers – VW Polo Saloon (9N4). Tip from AUTODOC experts:

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

39

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



40

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.



41

Remove the jacks and chocks.



**WELL DONE!** 

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