



How to change rear
shock absorbers on **VW**
**Polo IV 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 IV Saloon (9A4, 9A2, 9N2, 9A6) 1.4, VW Polo IV Saloon (9A4, 9A2, 9N2, 9A6) 1.9 SDI, VW Polo IV Saloon (9A4, 9A2, 9N2, 9A6) 1.4 TDI, VW Polo IV Saloon (9A4, 9A2, 9N2, 9A6) 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 IV Hatchback (9N) 1.4 16V

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



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 15
- Drive socket # 16
- Combination spanner #16
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Vice
- Shock absorber socket
- Hydraulic transmission jack
- Wheel chock

[Buy tools](#)

Replacement: shock absorbers – VW Polo IV Saloon (9A4, 9A2, 9N2, 9A6).
Professionals recommend:

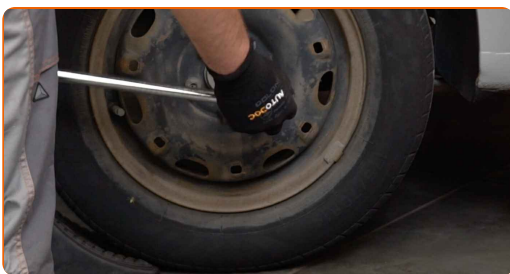
- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- All work should be done with the engine stopped.

REPLACEMENT: SHOCK ABSORBERS – VW POLO IV SALOON (9A4, 9A2, 9N2, 9A6). TAKE THE FOLLOWING 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:

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

5

Remove the wheel.



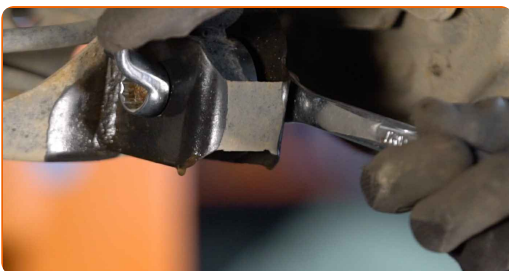
6

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



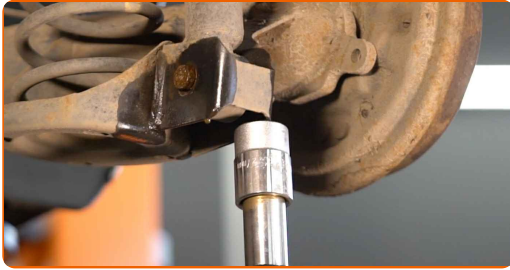
7

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



8

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



9

Remove the fastening bolt.



10

Remove the mounting from under the rear axle beam.



Replacement: shock absorbers – VW Polo IV Saloon (9A4, 9A2, 9N2, 9A6). Tip:

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

11

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



Replacement: shock absorbers – VW Polo IV Saloon (9A4, 9A2, 9N2, 9A6). Tip from AUTODOC experts:

- To avoid injuries, hold the shock absorber when undoing the fastening bolts.

12

Remove the shock absorber.



13

Grip the shock absorber in a vice.



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



15 Remove the shock absorber piston rod fastening. Use a drive socket #15. Use a ratchet wrench.



16 Remove the shock absorber mount, boot and bump stop.



Replacement: shock absorbers – VW Polo IV Saloon (9A4, 9A2, 9N2, 9A6).
AUTODOC experts recommend:

- Examine the shock absorber dust cap and the bump stop. Replace them if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.

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



18 Screw the shock strut piston rod upper fastening. Use a drive socket #15. Use a shock absorber socket. Use a torque wrench. Tighten it to 25 Nm torque.



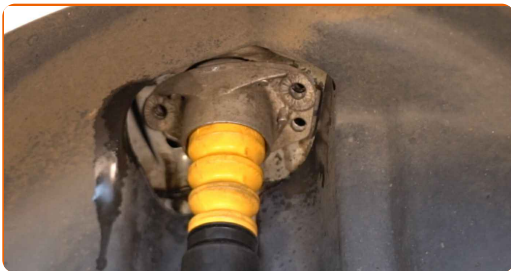
19 Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.



20 Treat the shock absorber mounting seats. Use copper grease.

21 Release the vice and take out the shock absorber.

22 Place the shock absorber in the wheel arch and secure it.



Replacement: shock absorbers – VW Polo IV Saloon (9A4, 9A2, 9N2, 9A6). Tip from AUTODOC experts:

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

23

Screw the upper fastener of the shock absorber. Use a drive socket #16.

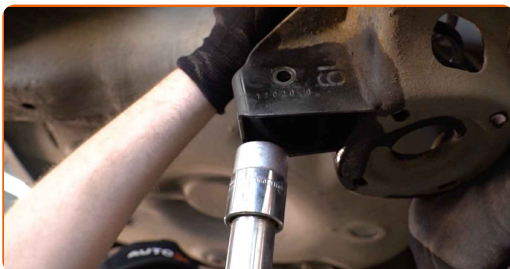


Replacement: shock absorbers – VW Polo IV Saloon (9A4, 9A2, 9N2, 9A6). AUTODOC recommends:

- Install the shock absorber mount using the center hole as a guide.

24

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



25

Install the fastening bolt.



- 26** 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.

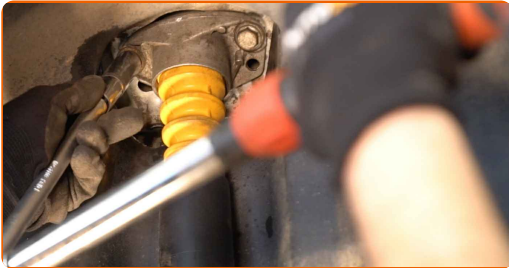
- 27** Remove the mounting from under the rear axle beam.



AUTODOC recommends:

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

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

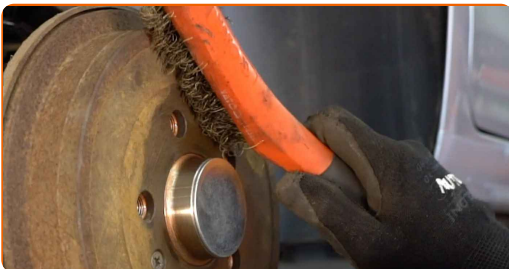


AUTODOC recommends:

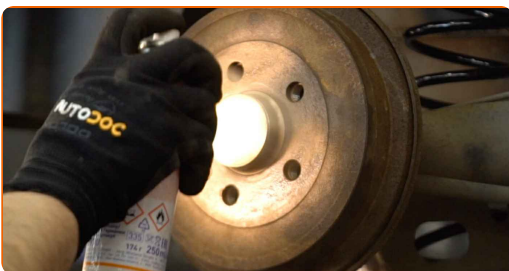
- Important! Be sure to use new fasteners.

- 29 Treat the shock absorber fasteners. Use copper grease.

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



- 31 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



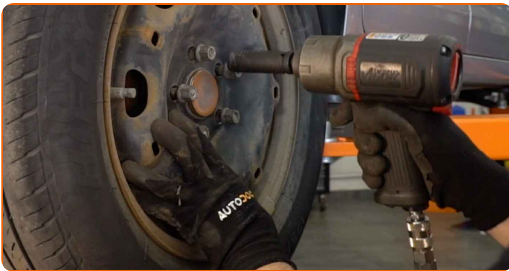
32 Install the wheel.



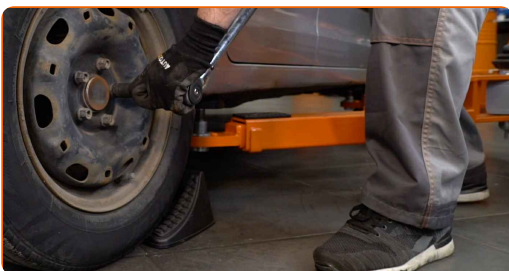
Replacement: shock absorbers – VW Polo IV Saloon (9A4, 9A2, 9N2, 9A6). Tip from AUTODOC experts:

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

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

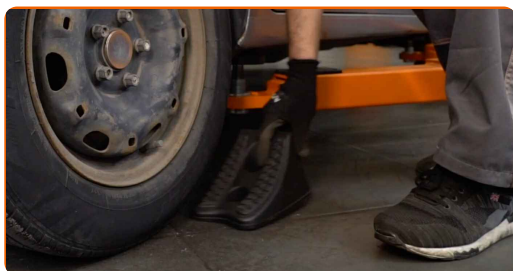


34 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 nm torque.



35

Remove the jacks and chocks.



WELL DONE!

[VIEW MORE TUTORIALS](#)

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING

AUTODOC

GET IT ON
Google Play

Download on the
App Store

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

SHOCK ABSORBERS: A WIDE SELECTION

(i) DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2021 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC GmbH.