



How to change rear
shock absorbers on **VW**
Polo Classic (6V2) –
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 Classic (6V2) 1.6

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 CLASSIC (6V2). 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 Classic (6V2). 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 Classic (6V2).

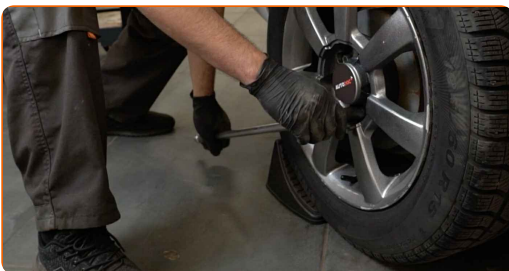
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

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 Classic (6V2). AUTODOC recommends:

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

5

Remove the wheel.

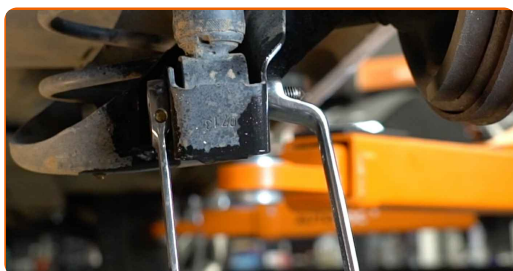


6

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



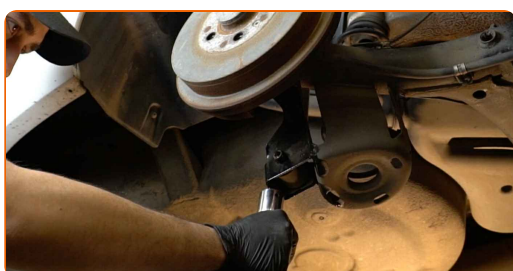
- 7 Unscrew the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



- 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 Classic (6V2)

13

Lower the hydraulic transmission jack by 10-15 cm.



Replacement: shock absorbers – VW Polo Classic (6V2). 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.



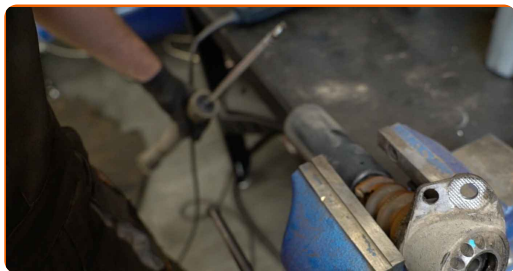
17 Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.



18 Remove the shock absorber piston rod fastening. Use a shock absorber socket DDN^o6. Use a drive socket #16. Use a ratchet wrench.



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



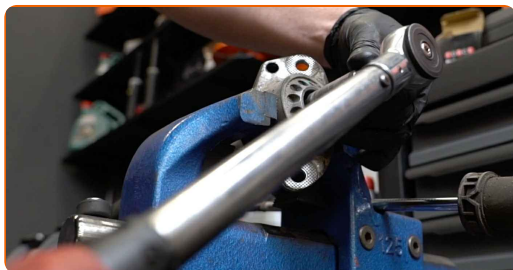
AUTODOC recommends:

- Replacement: shock absorbers – VW Polo Classic (6V2). 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.

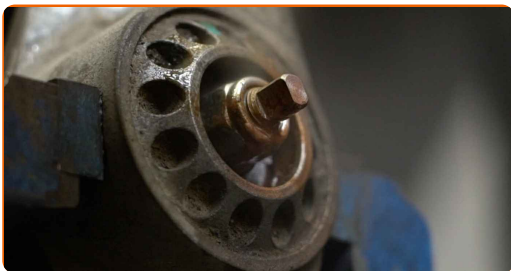
20 Install the mount, boot and bump stop onto a new shock absorber.



21 Screw the shock strut piston rod upper fastening. Use a shock absorber socket DDN#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.



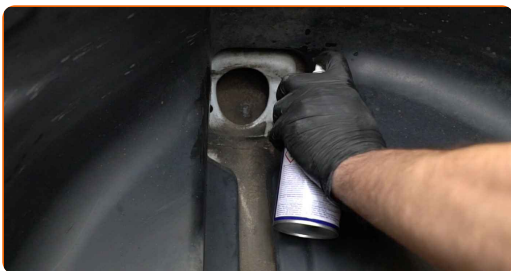
23 Install the protective cap of the shock absorber mount.



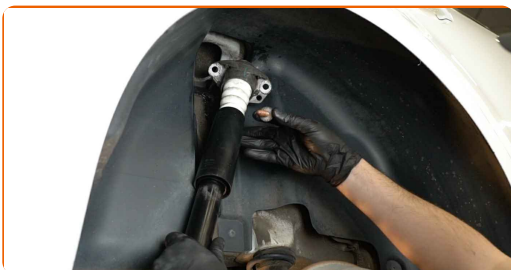
24 Release the vice and take out the shock absorber.



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.

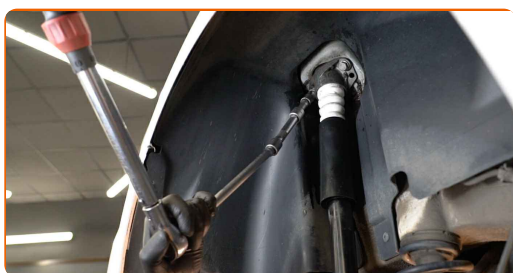


Replacement: shock absorbers – VW Polo Classic (6V2). Tip from AUTODOC:

- 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.

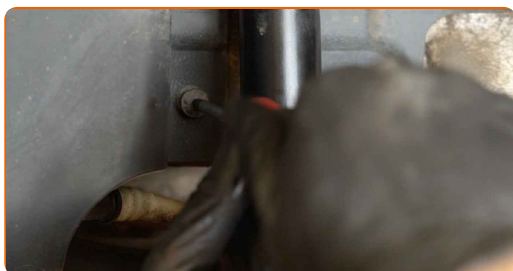
28

Treat the shock absorber fasteners. Use copper grease.

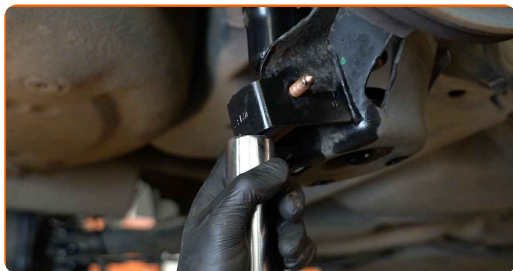


29

Screw in the fasteners. Use Torx T27.



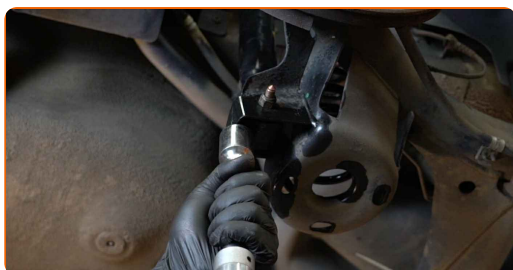
30 Raise the hydraulic transmission jack by 10-15 cm. Use a hydraulic transmission jack.



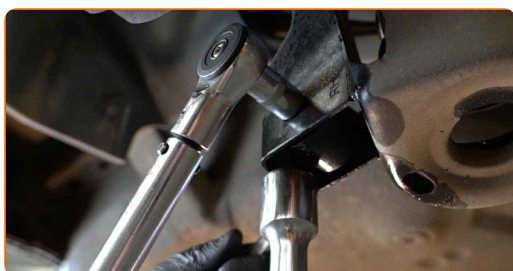
31 Install the fastening bolt. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



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



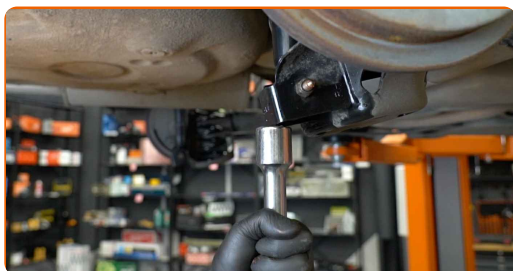
33 Tighten the lower fastener of the shock absorber. Use a drive socket #16. Use a torque wrench. Tighten it to 40 Nm torque. +90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

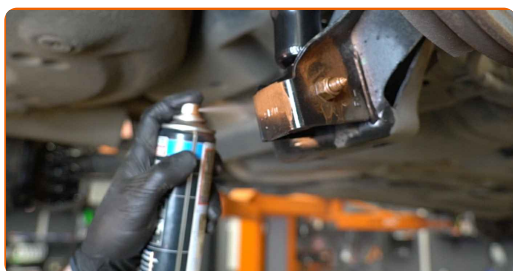
34 Remove the mounting from under the rear axle beam.



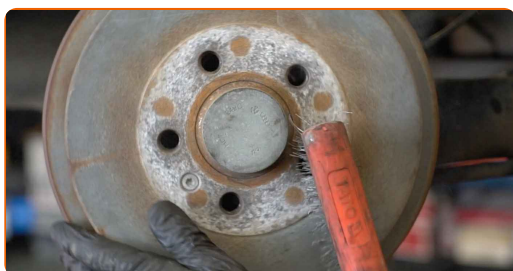
AUTODOC recommends:

- VW Polo Classic (6V2) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

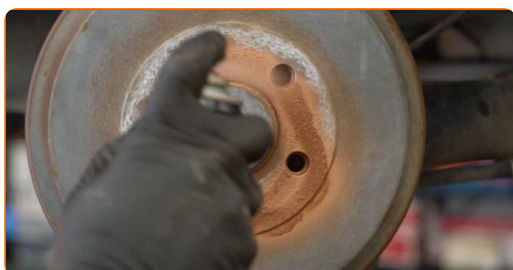
35 Treat the shock absorber fasteners. Use copper grease.



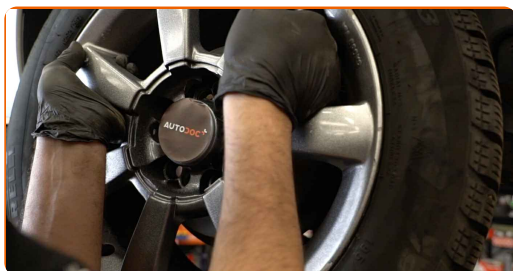
36 Clean the wheel rim mounting seat. Use a wire brush.



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



38 Install the wheel.



Replacement: shock absorbers – VW Polo Classic (6V2). 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! 

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

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 2023 – 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 SE.