



How to change rear
shock absorbers on
Mercedes W169 –
replacement guide

VIDEO TUTORIAL



ⓘ Important!

This replacement procedure can be used for:

MERCEDES-BENZ A-Class (W169) A 170 (169.032, 169.332), MERCEDES-BENZ A-Class (W169) A 200 (169.033, 169.333), MERCEDES-BENZ A-Class (W169) A 160 CDI (169.006, 169.306), MERCEDES-BENZ A-Class (W169) A 180 CDI (169.007, 169.307), MERCEDES-BENZ A-Class (W169) A 200 CDI (169.008, 169.308), MERCEDES-BENZ B-Class (W245) B 180 CDI (245.207), MERCEDES-BENZ B-Class (W245) B 200 CDI (245.208), MERCEDES-BENZ B-Class (W245) B 170 (245.232), MERCEDES-BENZ B-Class (W245) B 200 (245.233), MERCEDES-BENZ B-Class (W245) B 200 TURBO (245.234), MERCEDES-BENZ B-Class (W245) B 150 (245.231), MERCEDES-BENZ A-Class (W169) A 200 TURBO (169.034, 169.334), MERCEDES-BENZ B-Class (W245) B 170 NGT (245.233), MERCEDES-BENZ B-Class (W245) B 180 NGT (245.233), MERCEDES-BENZ A-Class (W169) A 160 (169.031, 169.331), (+ 3)

The steps may slightly vary depending on the car design.

REPLACEMENT: SHOCK ABSORBERS – MERCEDES W169. TOOLS YOU MIGHT NEED:



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

BUY TOOLS

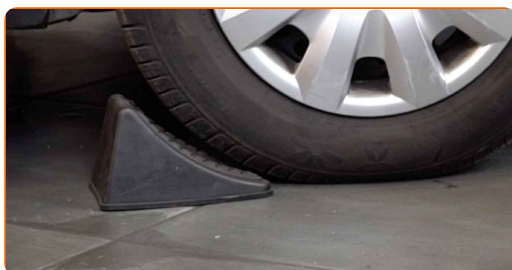
Replacement: shock absorbers – Mercedes W169. AUTODOC recommends:

- 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 – MERCEDES W169. USE THE FOLLOWING PROCEDURE:

1

Secure the wheels with chocks.



2

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

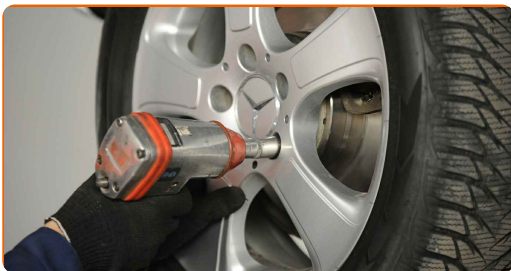


3

Raise the rear of the car and secure on supports.

4

Unscrew the wheel bolts.



Replacement: shock absorbers – Mercedes W169. Tip:

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

5

Remove the wheel.



6

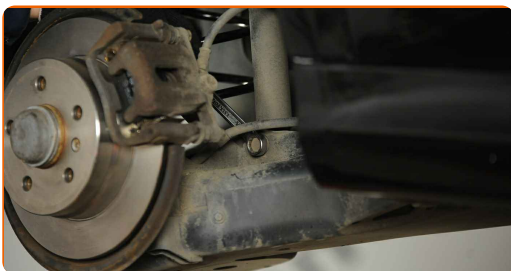
Support the arm. Use a hydraulic transmission jack.



7

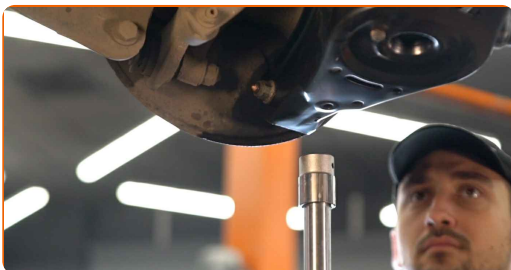
Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.

- 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. Use a crowbar.

- 10 Remove the support from under the arm.



AUTODOC recommends:

- Replacement: shock absorbers – Mercedes W169. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

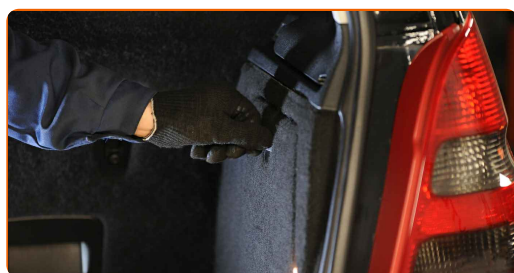
- 11 Lower the car.



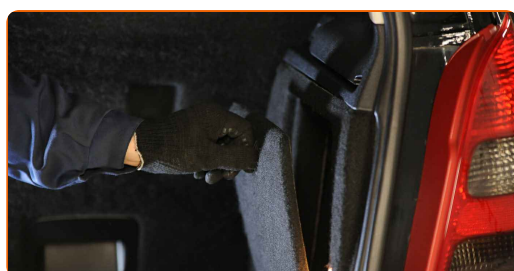
12 Open the boot lid.



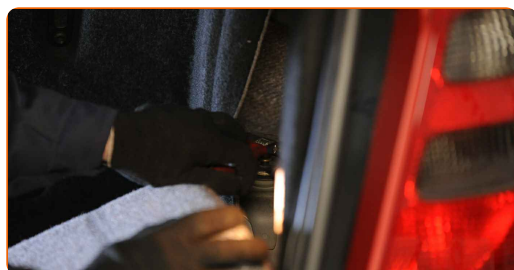
13 Unscrew the fastener and remove the boot side sound insulation.



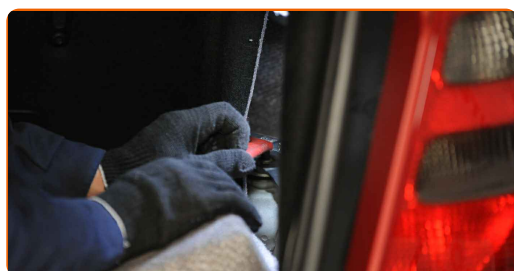
14 Detach the boot side lining.



15 Remove the protective cap of the shock absorber mount.



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

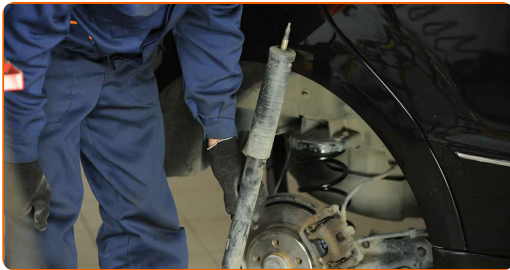


- 17 Unscrew the upper fastener of the shock absorber. Use a combination spanner #17. Use an adjustable wrench.

Replacement: shock absorbers – Mercedes W169. AUTODOC experts recommend:

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

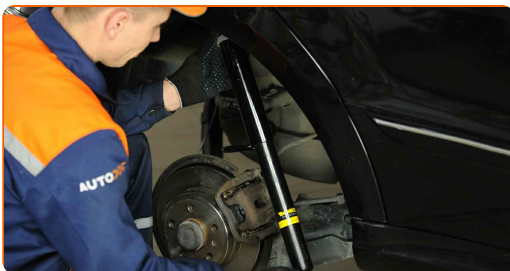
- 18 Remove the shock absorber.



Replacement: shock absorbers – Mercedes W169. Tip from AUTODOC:

- Before installing a new shock absorber you should pump it manually 3-5 times.

- 19 Place the shock absorber in the wheel arch and secure it.

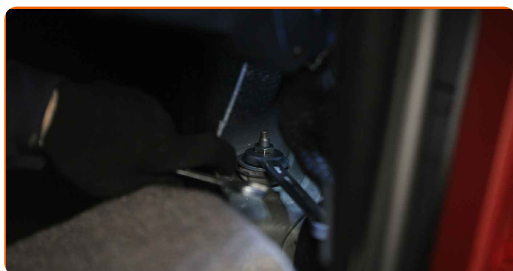


AUTODOC recommends:

- Important! Hold the shock absorber while screwing in the fastening bolts.
Mercedes W169

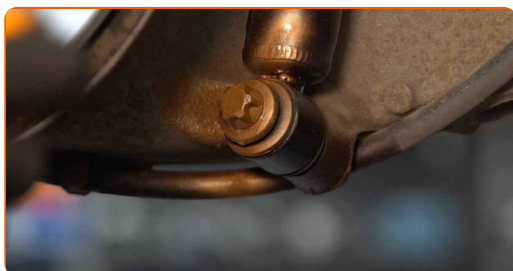
20

Tighten the top shock absorber fastening. Use a combination spanner #17. Use an adjustable wrench. Use a torque wrench. Tighten it to 20 Nm torque.



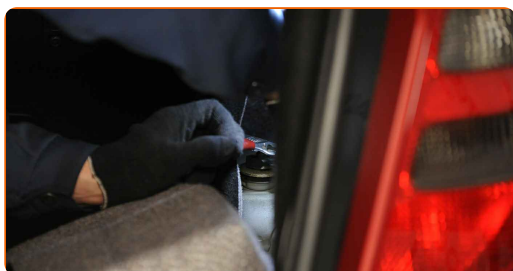
21

Treat the shock absorber fasteners. Use copper grease.



22

Install the protective shock absorber mounting cap.

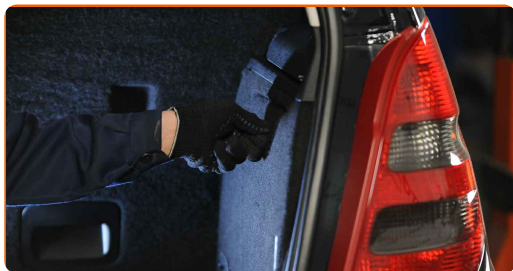


23

Attach the side lining of the boot.



- 24** Install the boot side sound insulation and screw in its fasteners.



- 25** Close the lid of the luggage compartment.



- 26** Raise the rear of the car and secure on supports.

- 27** Support the arm. Use a hydraulic transmission jack.



- 28** Install the fastening bolt.

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

- 30** 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 70 Nm torque.



31

Remove the support from under the arm.



AUTODOC recommends:

- Mercedes W169 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

32

Treat the shock absorber fasteners. Use copper grease.

33

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



34

Clean the brake disk surface. Use a brake cleaner.



Replacement: shock absorbers – Mercedes W169. Professionals recommend:

- After applying the spray, wait a few minutes.

35

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Mercedes W169

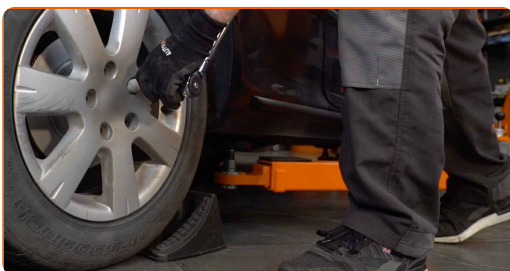
36

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



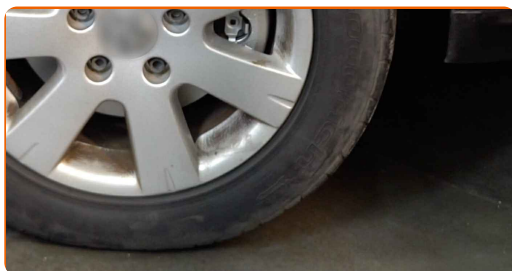
37

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.



38

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

BUY SPARE PARTS FOR MERCEDES

SHOCK ABSORBERS: A WIDE SELECTION

CHOOSE CAR PARTS FOR MERCEDES W169

SHOCK ABSORBERS FOR MERCEDES: BUY NOW

**SHOCK ABSORBERS FOR MERCEDES W169: THE BEST
DEALS & OFFERS**

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 GmbH.