



How to change rear  
brake pads on **Mercedes**  
**W245** – replacement  
guide

## VIDEO TUTORIAL



### **i Important!**

This replacement procedure can be used for:

MERCEDES-BENZ A-Class (W169) E-CELL (169.090), MERCEDES-BENZ A-Class (W168) A 160 (168.033, 168.133), MERCEDES-BENZ A-Class (W169) A 200 CDI (169.308, 169.008), MERCEDES-BENZ A-Class (W168) A 190 (168.032, 168.132), MERCEDES-BENZ A-Class (W168) A 170 CDI (168.009, 168.109), MERCEDES-BENZ Vaneo (414) 1.7 CDI (414.700), MERCEDES-BENZ Vaneo (414) 1.6 (414.700), MERCEDES-BENZ Vaneo (414) 1.9 (414.700), MERCEDES-BENZ A-Class (W168) A 210 (168.035, 168.135), MERCEDES-BENZ A-Class (W169) A 170 (169.032, 169.332), MERCEDES-BENZ A-Class (W169) A 150 (169.031, 169.331), 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), (+ 12)

The steps may slightly vary depending on the car design.

## REPLACEMENT: BRAKE PADS – MERCEDES W245. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Combination spanner #13
- Combination spanner #15
- Drive socket # 13
- Wheel impact socket #H12
- Torque wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

[BUY TOOLS](#)

### Replacement: brake pads – Mercedes W245. AUTODOC experts recommend:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- Please note: all work on the car – Mercedes W245 – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

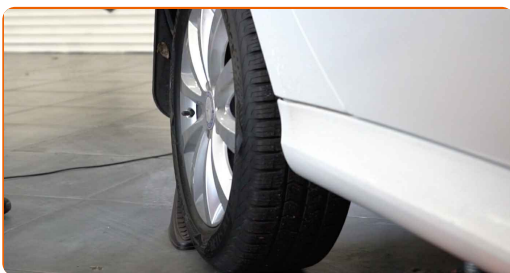
1

Open the bonnet. Unscrew the brake fluid reservoir cap.



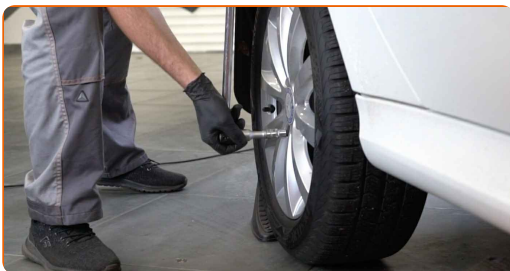
2

Secure the wheels with chocks.



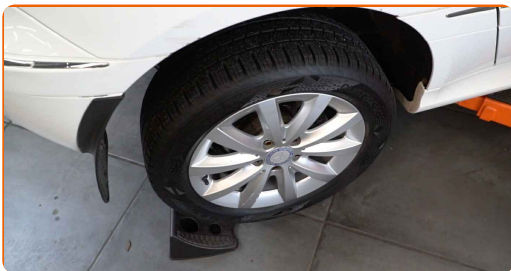
3

Loosen the wheel mounting bolts. Use wheel impact socket #H12.



4

Raise the rear of the car and secure on supports.



5

Unscrew the wheel bolts.

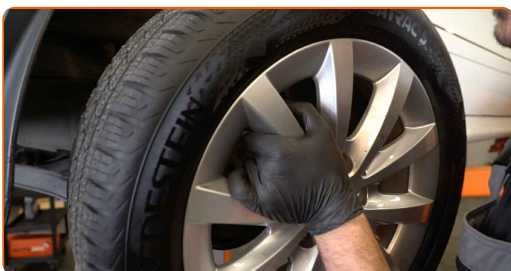


### Replacement: brake pads – Mercedes W245. Tip:

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

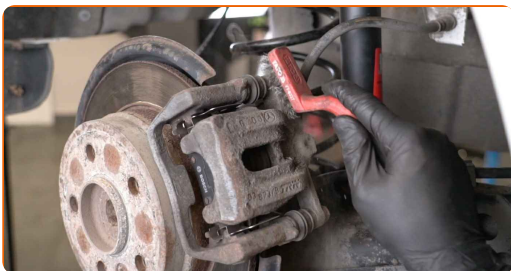
6

Remove the wheel.



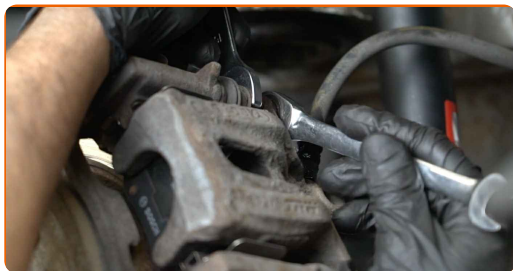
7

Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

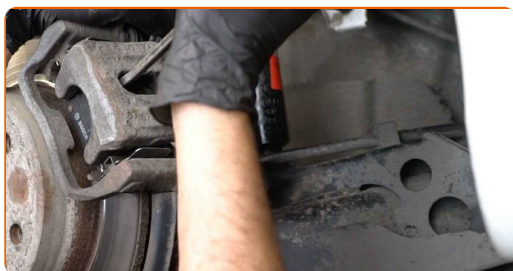


**8**

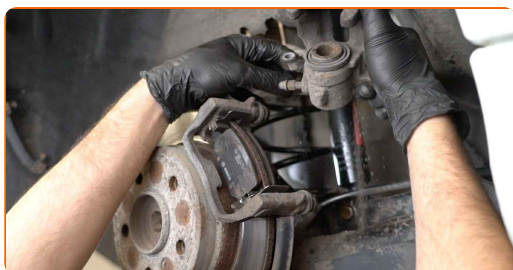
Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15.

**9**

Spread the brake pads. Use a crowbar.

**10**

Remove the brake caliper.



### Replacement: brake pads – Mercedes W245. AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11

Remove the brake pads.

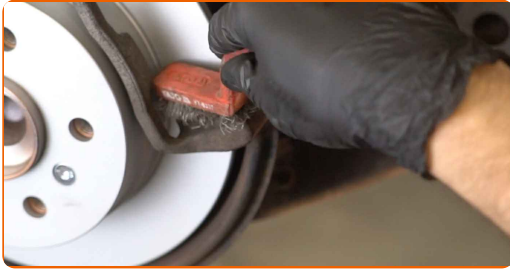


### Replacement: brake pads – Mercedes W245. Tip from AUTODOC:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

12

Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

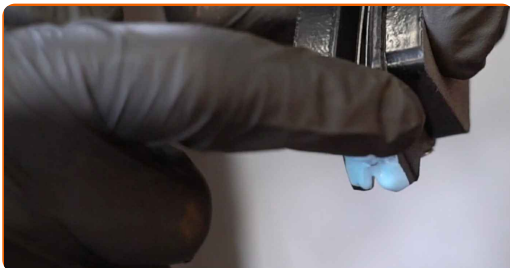


### AUTODOC recommends:

- Replacement: brake pads – Mercedes W245. After applying the spray, wait a few minutes.

13

Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



### Replacement: brake pads – Mercedes W245. Professionals recommend:

- Make sure the disc surface is clean before installing the pads.



14

Install new brake pads.



Replacement: brake pads – Mercedes W245. Tip from AUTODOC:

- Make sure the pads are installed with linings facing the disc.

15

Treat the brake caliper piston. Use a brake cleaner.



Replacement: brake pads – Mercedes W245. Tip:

- After applying the spray, wait a few minutes.

16

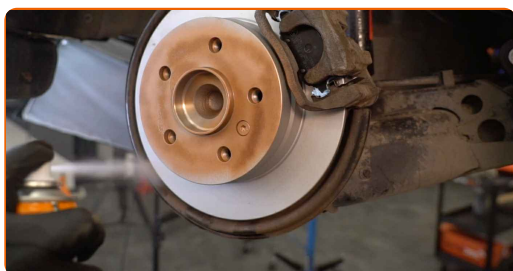
Press in the brake caliper piston. Use brake caliper wind back tool.



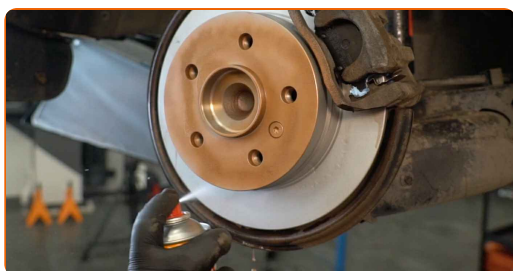
- 17 Install the brake caliper and fix it. Use a combination spanner #13. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



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



- 19 Clean the brake disk surface. Use a brake cleaner.



### AUTODOC recommends:

- Replacement: brake pads – Mercedes W245. After applying the spray, wait a few minutes.

20

Install the wheel.



Replacement: brake pads – Mercedes W245. AUTODOC recommends:

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

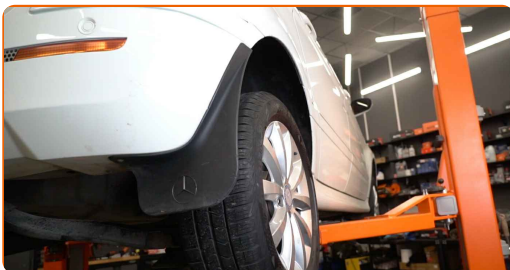
21

Screw in the wheel bolts. Use wheel impact socket #H12.



22

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #H12. Use a torque wrench. Tighten it to 130 Nm torque.



23

Remove the jacks and chocks.



Replacement: brake pads – Mercedes W245. AUTODOC experts recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.

24

Tighten the brake fluid reservoir cap.



AUTODOC recommends:

- Mercedes W245 – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

25

Close the hood.



### Replacement: brake pads – Mercedes W245. Tip:

- Slow down smoothly for first 150-200 km after the brake pads replacement.  
Avoid unnecessary and sharp braking to a stop.

**WELL DONE!** 

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