



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

VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:

MERCEDES-BENZ A-Class (W169) E-CELL (169.090), MERCEDES-BENZ A-Class (W169) A 200 CDI (169.308, 169.008), 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 200 TURBO (245.234), 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)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE PADS – MERCEDES W245.
 TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Combination spanner #17
- Drive socket # 13
- Brake caliper wind back tool
- Wheel impact socket #H12
- Ratchet wrench
- Torque wrench
- Crow bar
- Wheel chock

BUY TOOLS

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

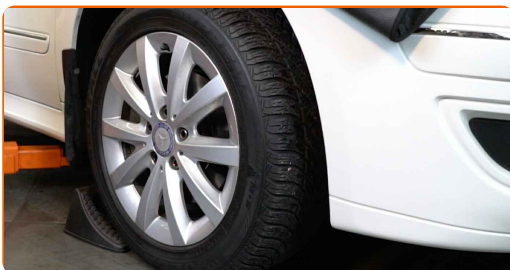
- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE PADS – MERCEDES W245. TAKE THE FOLLOWING STEPS:

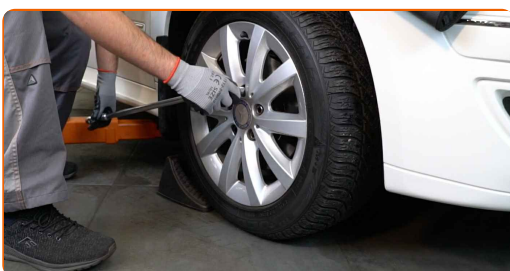
1 Open the bonnet. Unscrew the brake fluid reservoir cap.



2 Secure the wheels with chocks.



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



4

Raise the front of the car and secure on supports.



5

Unscrew the wheel bolts.



Replacement: brake pads – Mercedes W245. AUTODOC recommends:

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

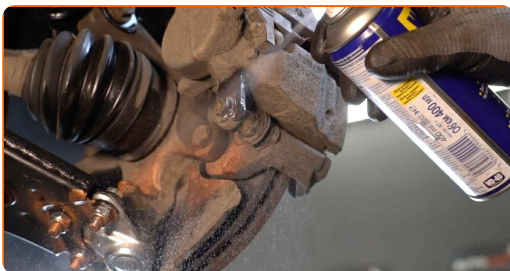
6

Remove the wheel.

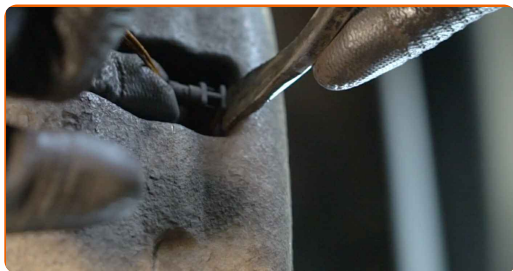


7

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



8 Disconnect the brake pad wear sensor plug. Use a crowbar.



Replacement: brake pads – Mercedes W245. Tip:

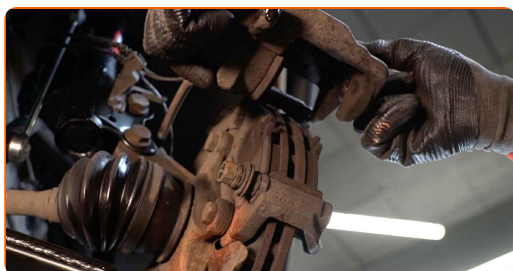
- Some cars are not equipped with the brake pad wear sensor.

9 Spread the brake pads. Use a crowbar.

10 Unscrew the brake caliper fastening. Use a drive socket #13. Use a ratchet wrench.



11 Remove the brake caliper.



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

- 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.

12

Remove the brake pads.

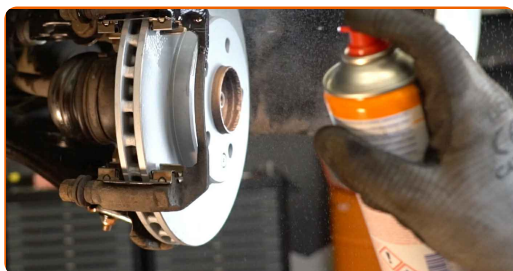


Replacement: brake pads – Mercedes W245. Professionals recommend:

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

13

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

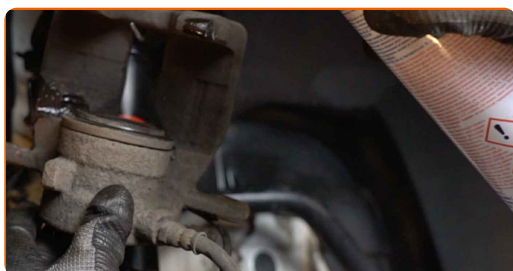


AUTODOC recommends:

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

14

Treat the brake caliper piston. Use a brake cleaner.

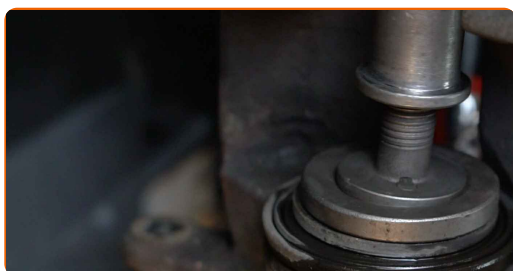


Replacement: brake pads – Mercedes W245. Tip:

- After applying the spray, wait a few minutes.

15

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



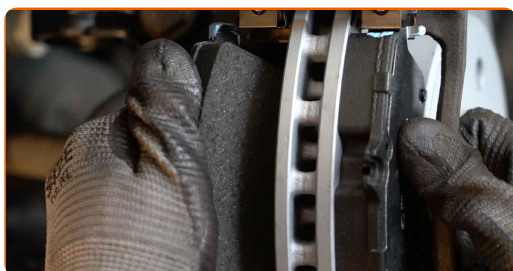
- 16** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



AUTODOC recommends:

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

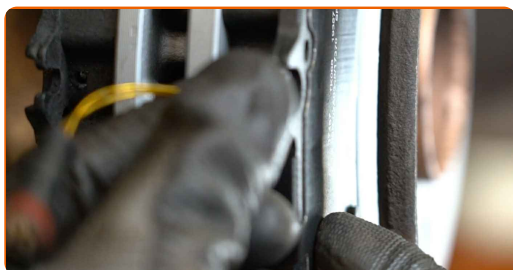
- 17** Install new brake pads.



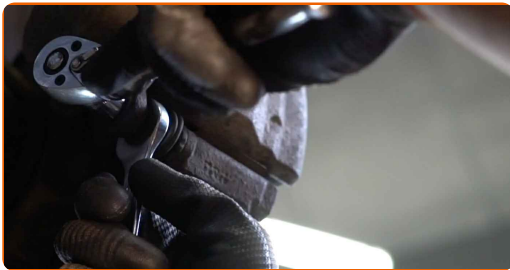
Replacement: brake pads – Mercedes W245. Tip from AUTODOC experts:

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

- 18** Connect the brake pad wear sensor plug.



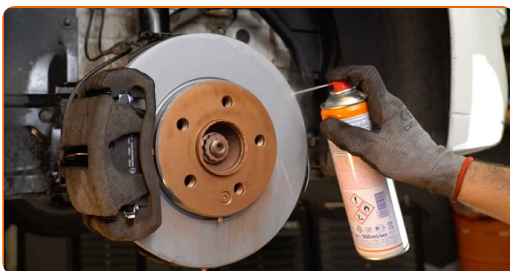
- 19** Install the brake caliper and fix it. Use a drive socket #13. Use a combination spanner #17. Use a torque wrench. Tighten it to 35 Nm torque.



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



- 21** Clean the brake disk surface. Use a brake cleaner.



Replacement: brake pads – Mercedes W245. Professionals recommend:

- After applying the spray, wait a few minutes.

22 Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Mercedes W245

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

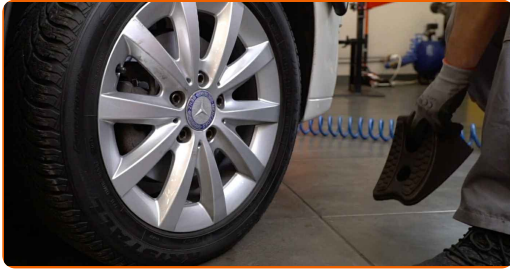


24 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #H12. Use a torque wrench. Tighten it to 130 Nm torque.



25

Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake pads – Mercedes W245. Check the brake fluid level in the reservoir and top up if necessary.

26

Tighten the brake fluid reservoir cap.

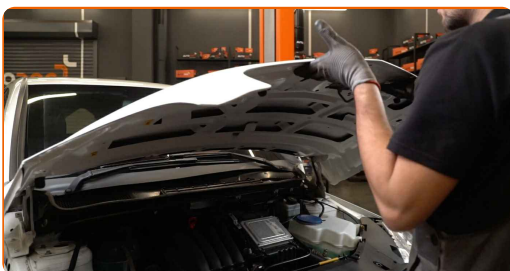


AUTODOC recommends:

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

27

Close the hood.



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

- 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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