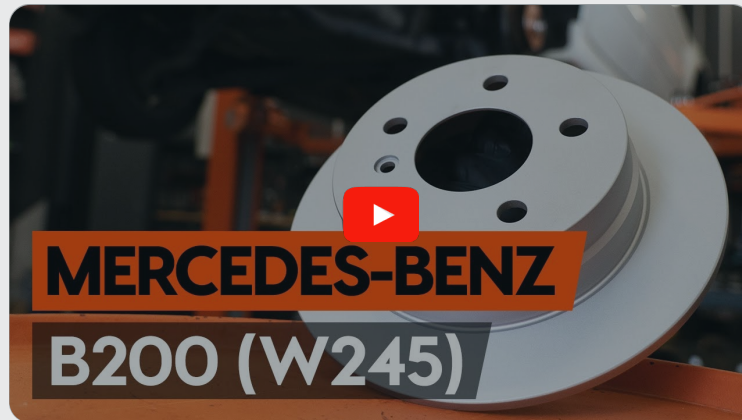




How to change rear
brake discs on **Mercedes**
W245 – replacement
guide

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 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), 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 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), (+ 5)

The steps may slightly vary depending on the car design.

**REPLACEMENT: BRAKE DISCS – MERCEDES W245.
LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #15
- Torx bit T30
- Drive socket # 13
- Drive socket # 16
- Wheel impact socket #H12
- Ratchet wrench
- Torque wrench
- Tap wrench
- Brake caliper wind back tool
- Impact screwdriver
- Crow bar
- Wheel chock

BUY TOOLS

Replacement: brake discs – Mercedes W245. AUTODOC recommends:

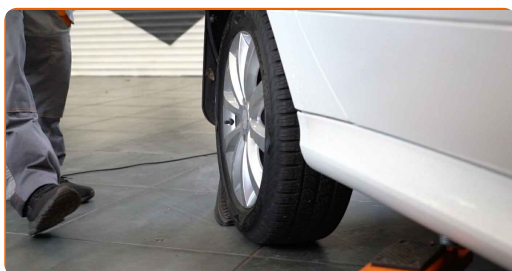
- Replace the brake discs on the car Mercedes W245 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Warning! Shut down the engine before starting any work – Mercedes W245.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

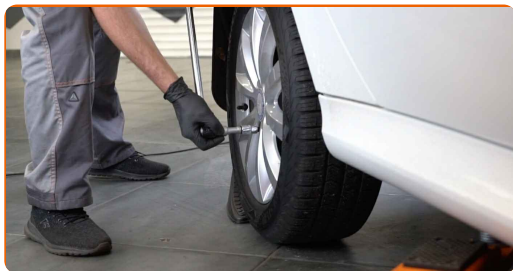
- 1** Open the bonnet. Unscrew the brake fluid reservoir cap.



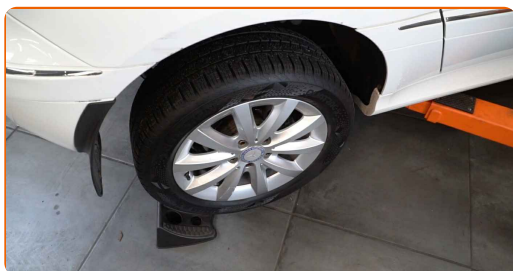
- 2** Secure the wheels with chocks.



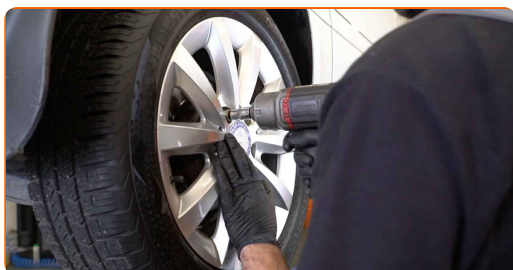
3 Loosen the wheel mounting bolts. Use wheel impact socket #H12.



4 Raise the rear of the car and secure on supports.



5 Unscrew the wheel bolts.



AUTODOC recommends:

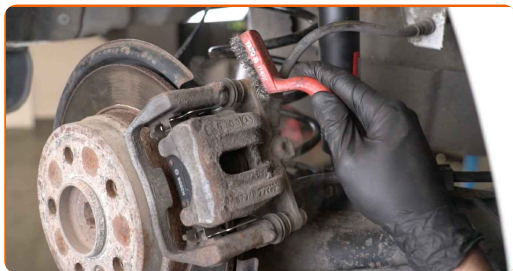
- Important! Hold the wheel while unscrewing the fastening bolts. Mercedes W245

6 Remove the wheel.



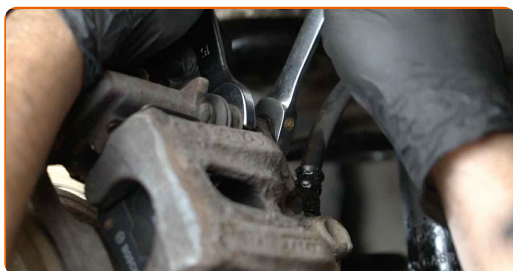
7

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



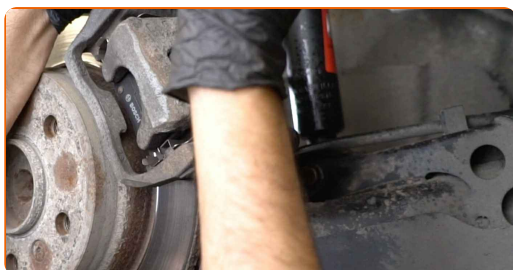
8

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



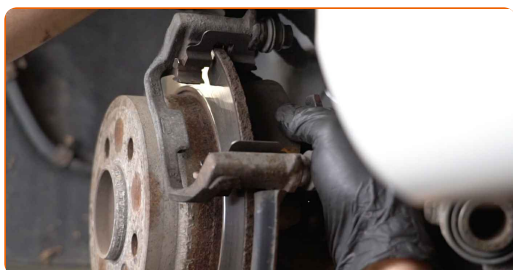
9

Spread the brake pads. Use a crowbar.



10

Remove the brake caliper.



Replacement: brake discs – Mercedes W245. Professionals 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.

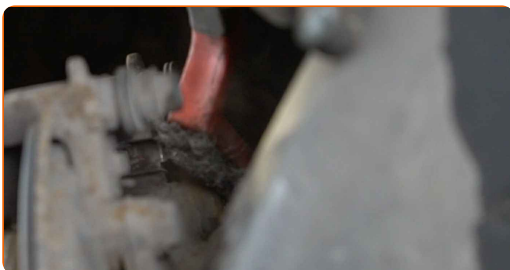
11

Remove the brake pads.



12

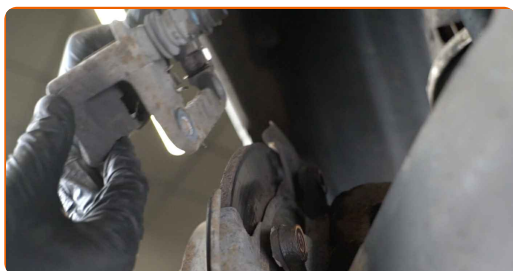
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



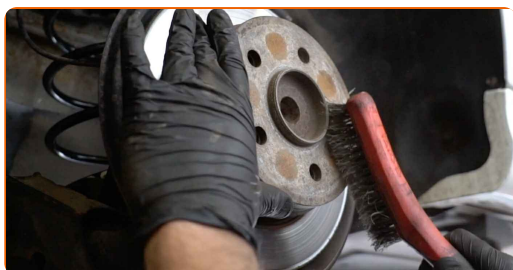
13 Unscrew the caliper bracket fastening. Use a drive socket #16. Use a tap wrench. Use a ratchet wrench.



14 Remove the caliper bracket.



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



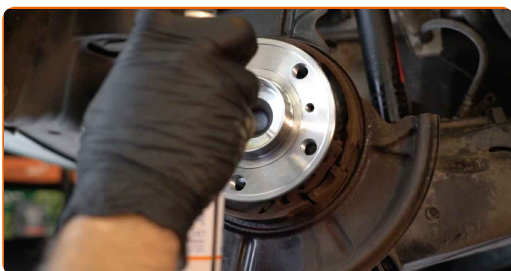
16 Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.



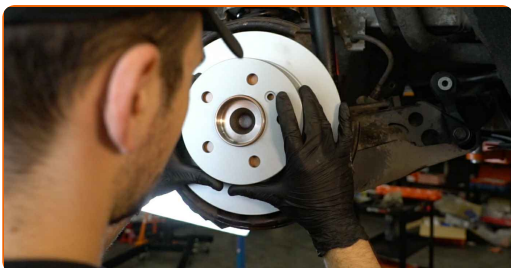
17 Remove the brake disc.



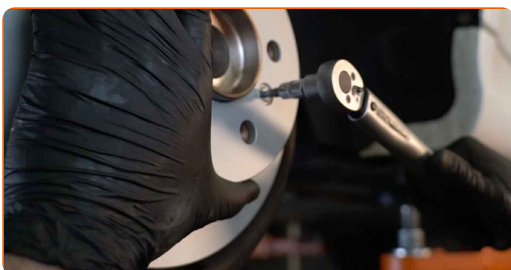
18 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



19 Install the brake disc.



20 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.



21

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



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

- After applying the spray, wait a few minutes.

22

Install the brake caliper bracket.



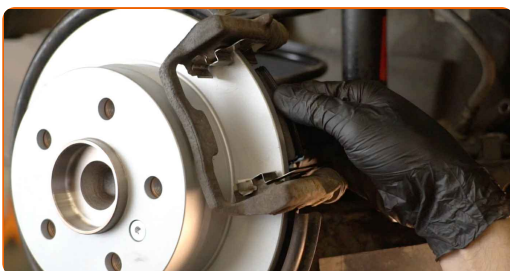
23

Tighten the brake caliper bracket. Use a drive socket #16. Use a torque wrench. Tighten it to 55 Nm torque.

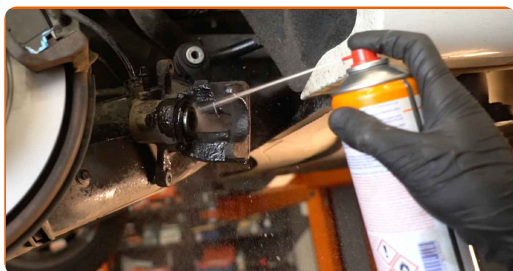


24

Install the brake pads.



25 Treat the brake caliper piston. Use a brake cleaner.



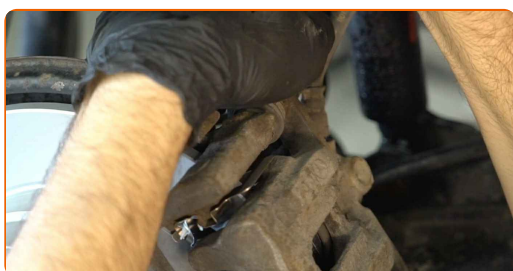
AUTODOC recommends:

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

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



27 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.



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



29 Clean the brake disk surface. Use a brake cleaner.



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

- After applying the spray, wait a few minutes.

30 Install the wheel.

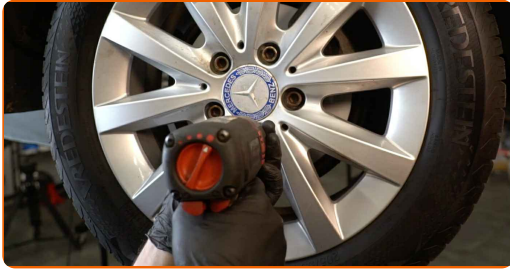


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Mercedes W245

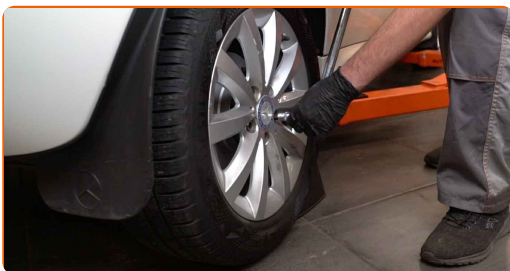
31

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



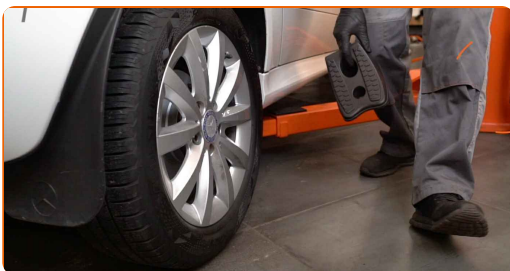
32

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.



33

Remove the jacks and chocks.



Replacement: brake discs – Mercedes W245. Tip:

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

34

Tighten the brake fluid reservoir cap.



AUTODOC recommends:

- Mercedes W245 – Without starting the engine, press the brake pedal several times until it feels firm.

35

Close the hood.



WELL DONE! 

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