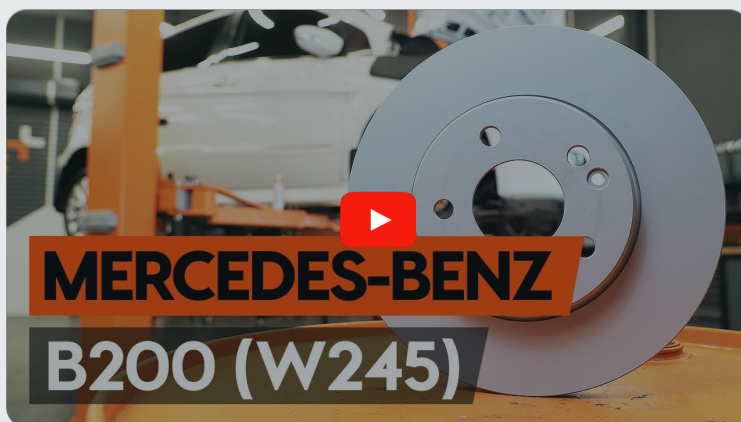




How to change front
brake discs on **Mercedes**
W245 – replacement
guide

VIDEO TUTORIAL



i Important!

This replacement procedure can be used for:

MERCEDES-BENZ A-Class (W169) E-CELL (169.090), MERCEDES-BENZ A-Class (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 DISCS – MERCEDES W245.

TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #17
- Torx bit T30
- Drive socket # 13
- Drive socket # 18
- 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 disks 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.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – MERCEDES W245. USE THE FOLLOWING PROCEDURE:

1

Open the bonnet. Unscrew the brake fluid reservoir cap.



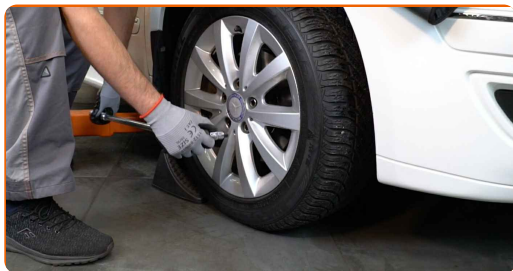
2

Secure the wheels with chocks.



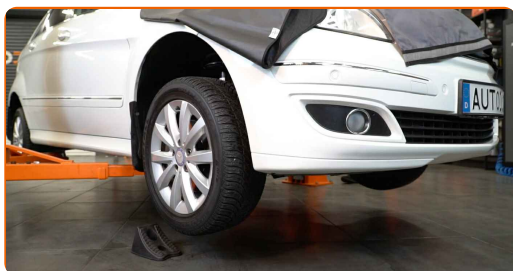
3

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.

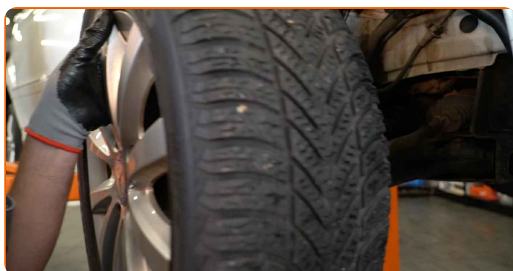


Replacement: brake discs – Mercedes W245. Tip:

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

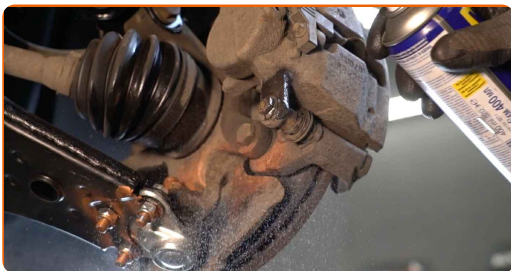
6

Remove the wheel.



7

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



8

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



Replacement: brake discs – Mercedes W245. AUTODOC recommends:

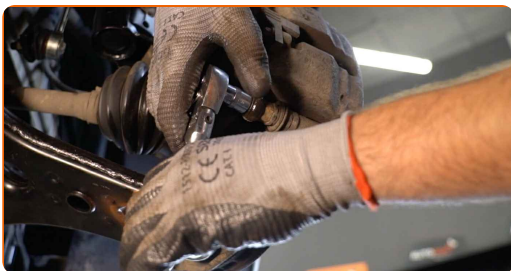
- Some cars are not equipped with the brake pad wear sensor.

9

Spread the brake pads. Use a crowbar.

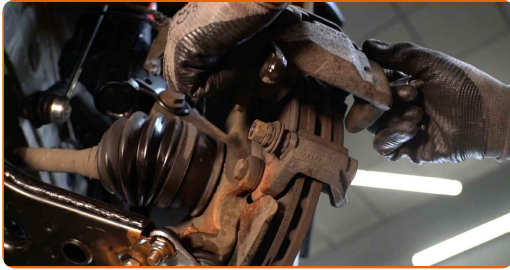
10

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



11

Remove the brake caliper.

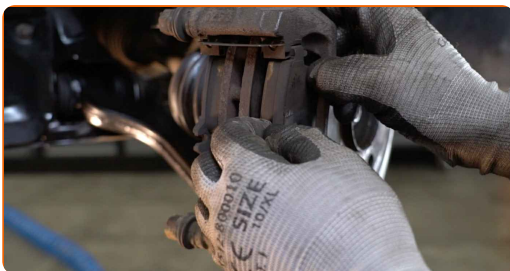


Replacement: brake discs – Mercedes W245. Professionals recommend:

- 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.

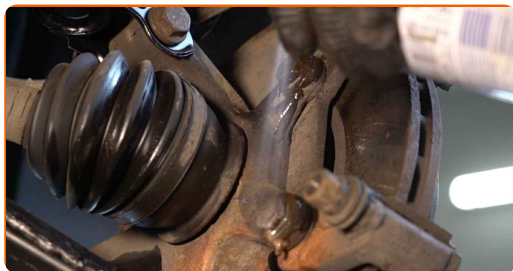
12

Remove the brake pads.



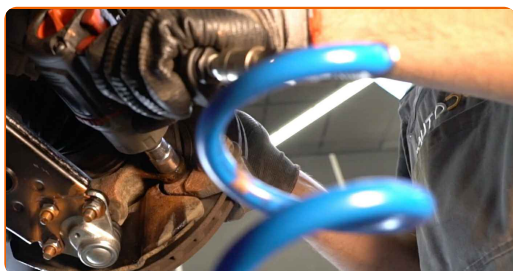
13

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



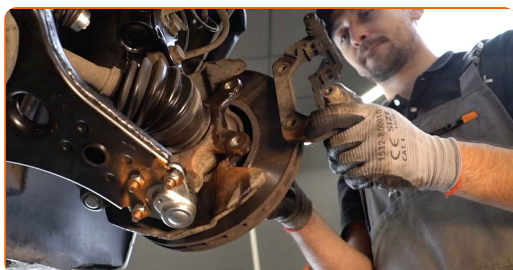
14

Unscrew the caliper bracket fastening. Use a drive socket #18. Use a tap wrench. Use a ratchet wrench.



15

Remove the caliper bracket.



16

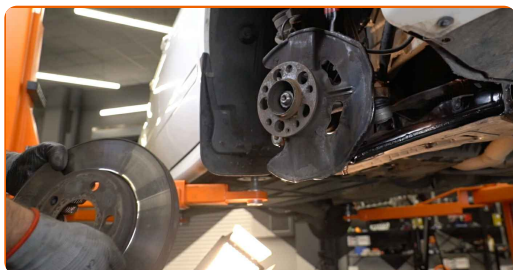
Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.

17

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

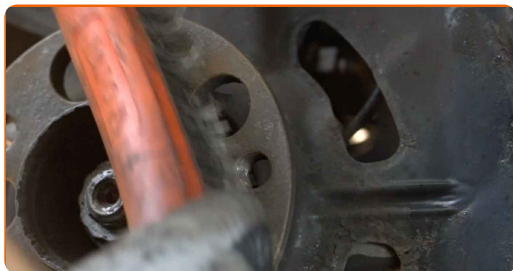
18

Remove the brake disc.



19

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



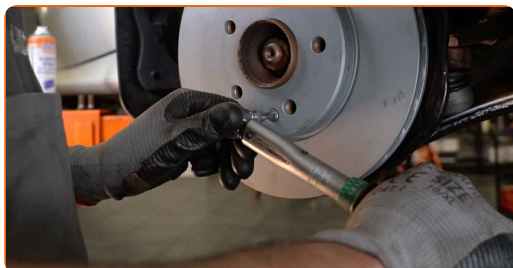
20

Install the brake disc.



21

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



22

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



AUTODOC recommends:

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

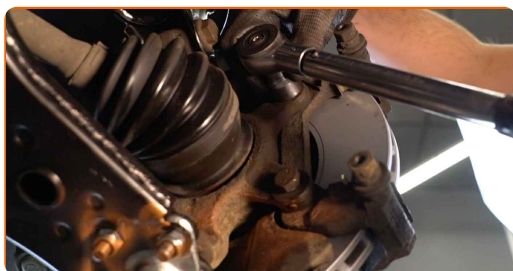
23

Install the brake caliper bracket.



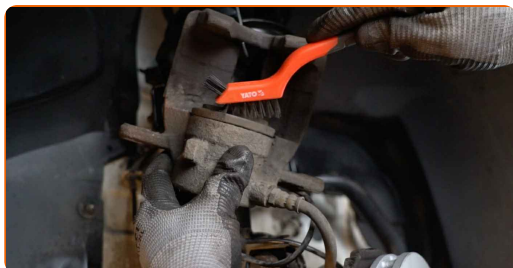
24

Tighten the brake caliper bracket. Use a drive socket #18. Use a torque wrench. Tighten it to 115 Nm torque.



25

Treat the brake caliper piston. Use a brake cleaner.

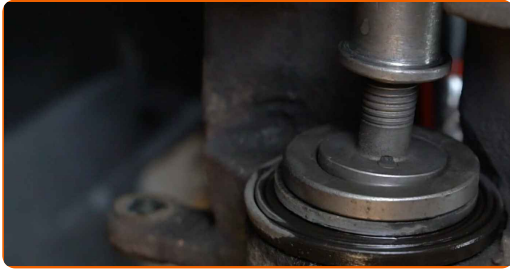


Replacement: brake discs – Mercedes W245. Tip from AUTODOC:

- 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 pads.



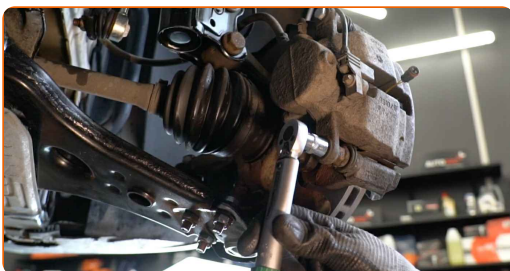
28

Connect the brake pad wear sensor plug.



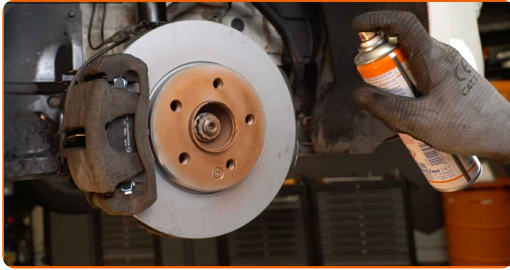
29

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.



30

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



31

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

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

32

Install the wheel.



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

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

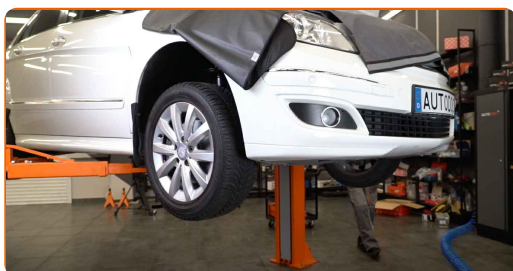
33

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



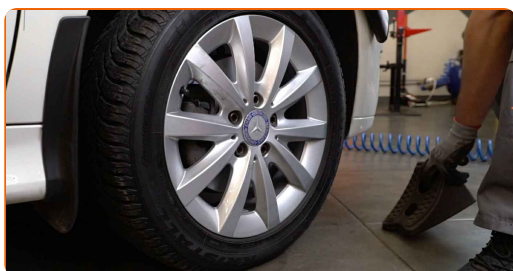
34

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.



35

Remove the jacks and chocks.



AUTODOC recommends:

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

36

Tighten the brake fluid reservoir cap.

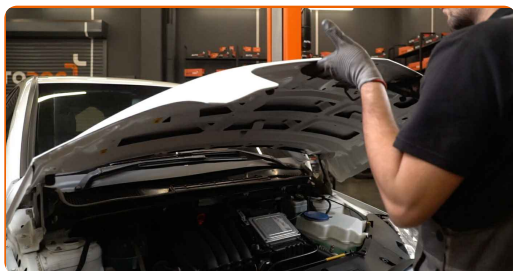


Replacement: brake discs – Mercedes W245. AUTODOC recommends:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

37

Close the hood.



WELL DONE! 👍

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