



How to change rear
brake discs on **Mercedes**
W168 – replacement
guide

VIDEO TUTORIAL



i Important!

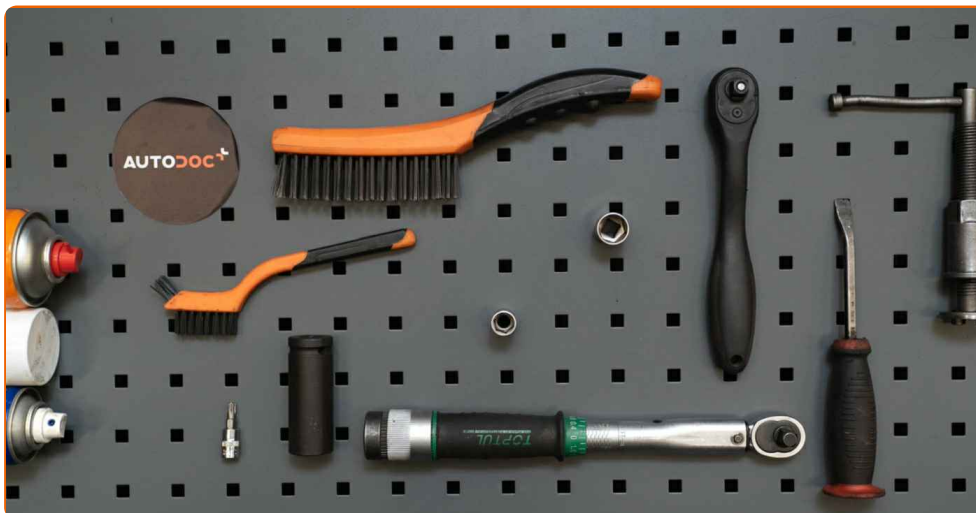
This replacement procedure can be used for:

MERCEDES-BENZ A-Class (W168) A 160 (168.033, 168.133), MERCEDES-BENZ A-Class (W168) A 190 (168.032, 168.132), 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)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – MERCEDES W168.

TOOLS YOU MIGHT NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Drive socket # 12
- Drive socket # 16
- Torx bit T30
- Wheel impact socket #17
- Brake caliper wind back tool
- Tap wrench
- Ratchet wrench
- Impact screwdriver
- Crow bar
- Wheel chock

[BUY TOOLS](#)

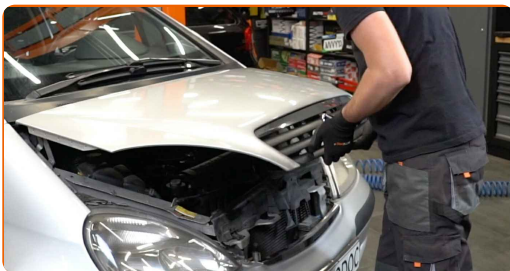
Replacement: brake discs – Mercedes W168. AUTODOC experts recommend:

- Replace the brake disks on the car Mercedes W168 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.
- Please note: all work on the car – Mercedes W168 – 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.

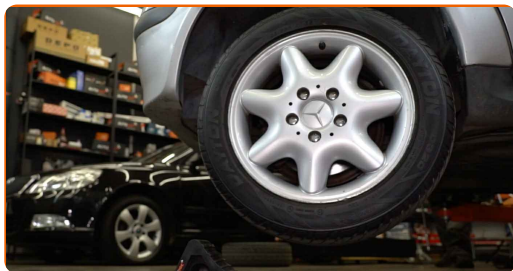
3

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



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 W168

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 drive socket #12. Use a ratchet wrench.



9

Spread the brake pads. Use a crowbar.



10

Remove the brake caliper.



Replacement: brake discs – Mercedes W168. Tip from AUTODOC:

- 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.

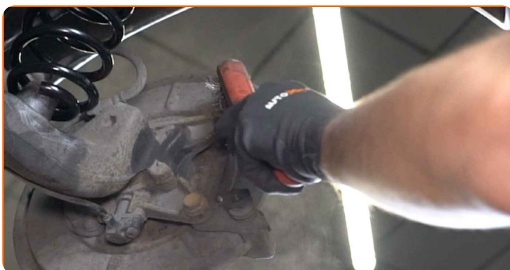
11

Remove the brake pads. Use a crowbar.



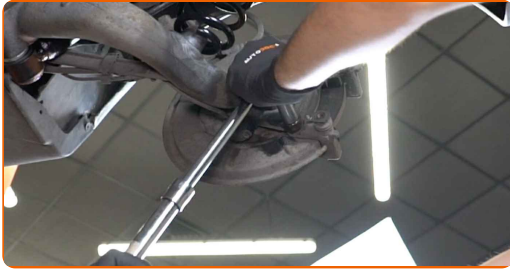
12

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.



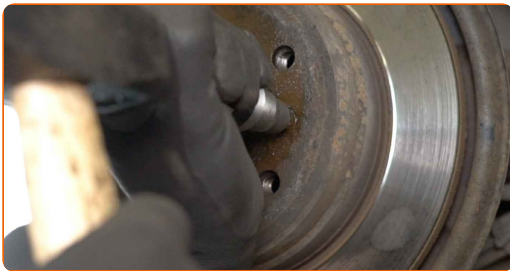
15

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



16

Unscrew the brake disc fastener. 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.

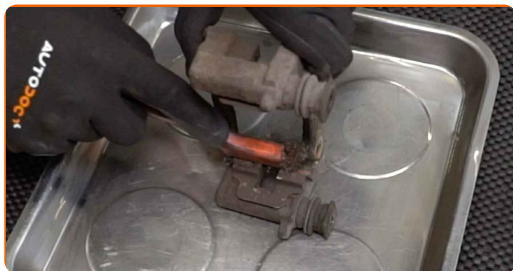


20 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.



21

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

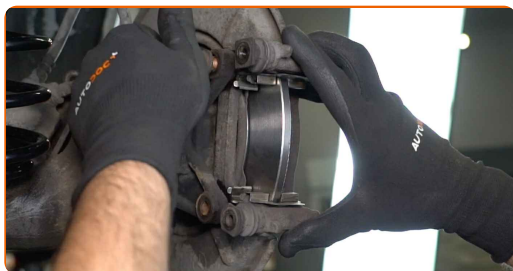


AUTODOC recommends:

- Replacement: brake discs – Mercedes W168. After applying the spray, wait a few minutes.

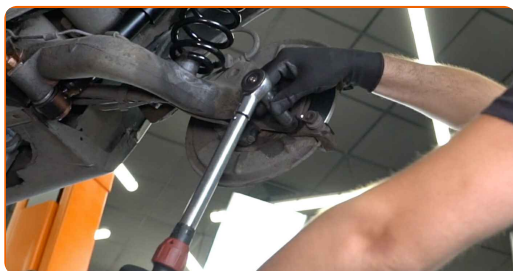
22

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

Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.

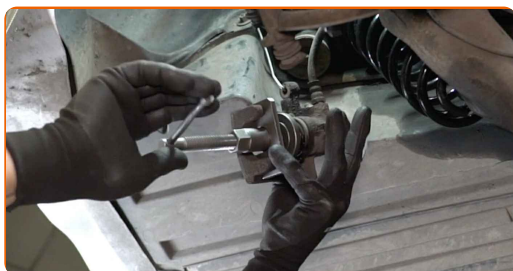


Replacement: brake discs – Mercedes W168. AUTODOC recommends:

- After applying the spray, wait a few minutes.

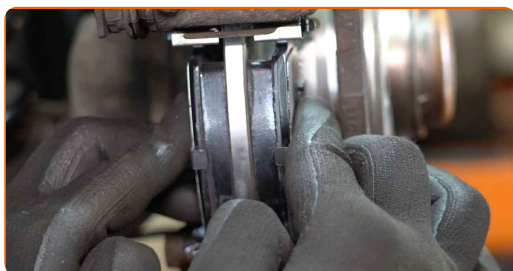
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Press in the brake caliper piston. Use brake caliper wind back tool.



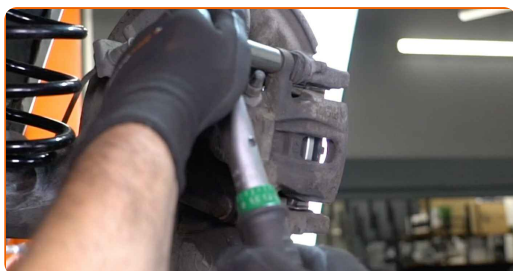
26

Install the brake pads.



27

Install the brake caliper and fix it. Use a drive socket #12. Use a torque wrench. Tighten it to 30 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.



AUTODOC recommends:

- Replacement: brake discs – Mercedes W168. 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 W168

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



32 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 110 Nm torque.



33 Remove the jacks and chocks.

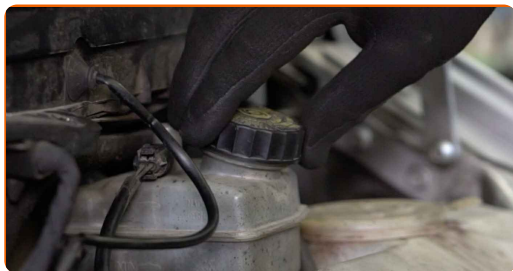


Replacement: brake discs – Mercedes W168. Professionals recommend:

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

34

Tighten the brake fluid reservoir cap. Close the hood.



Replacement: brake discs – Mercedes W168. AUTODOC experts recommend:

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

WELL DONE! 

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