



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

VIDEO TUTORIAL



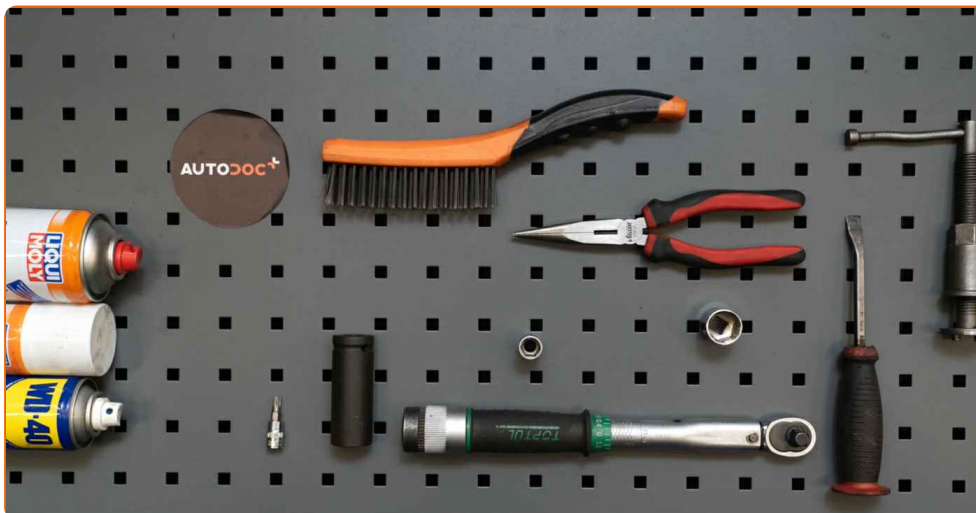
Important!

This replacement procedure can be used for:

MERCEDES-BENZ A-Class (W168) A 140 (168.031, 168.131), MERCEDES-BENZ A-Class (W168) A 160 (168.033, 168.133), MERCEDES-BENZ A-Class (W168) A 170 CDI (168.008), MERCEDES-BENZ A-Class (W168) A 190 (168.032, 168.132)

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
- Electronic spray
- Copper grease
- Torque wrench
- Drive socket # 12
- Drive socket # 18
- Torx bit T30
- Wheel impact socket #17
- Brake caliper wind back tool
- Tap wrench
- Ratchet wrench
- Impact screwdriver
- Round-nose pliers
- Crow bar
- Wheel chock

BUY TOOLS

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

- Replace the brake discs 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.

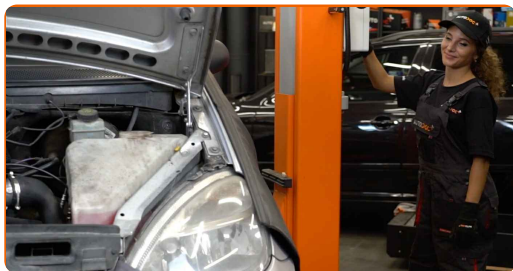


2 Secure the wheels with chocks.

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



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



5 Unscrew the wheel bolts.



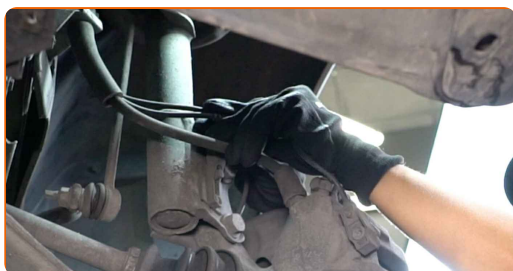
AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Mercedes W168

6 Remove the wheel.



7 Disconnect the brake pad wear sensor wire.

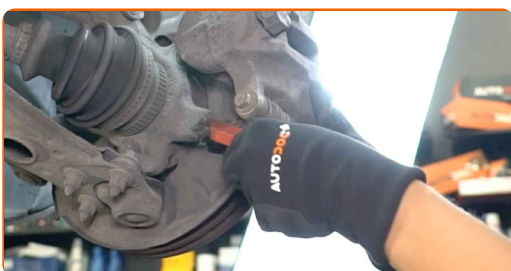


8 Detach the connector of the brake pad wear sensor.

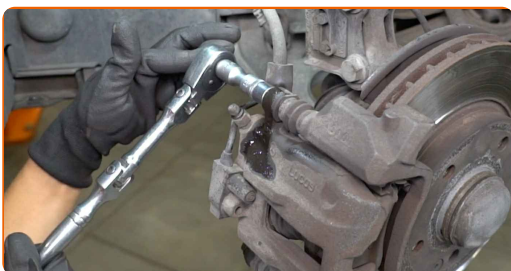
Please note!

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

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



10 Unscrew the brake caliper fastening. Use a drive socket #12. Use a ratchet wrench.



11 Spread the brake pads. Use a crowbar.



12

Remove the brake caliper.



Replacement: brake discs – Mercedes W168. 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.

13

Remove the brake pads.



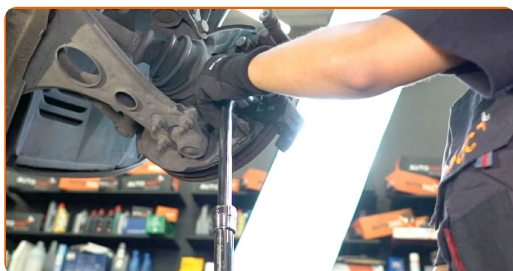
14

Remove the brake pad wear sensor from the brake pad.

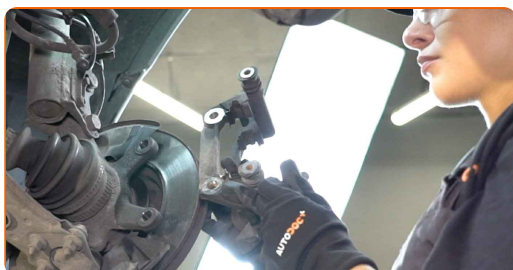
15 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



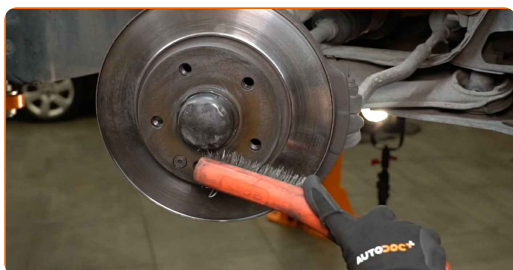
16 Unscrew the caliper bracket fastening. Use a drive socket #18. Use a tap wrench. Use a ratchet wrench.



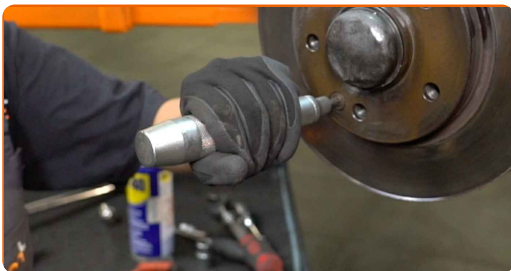
17 Remove the caliper bracket.



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



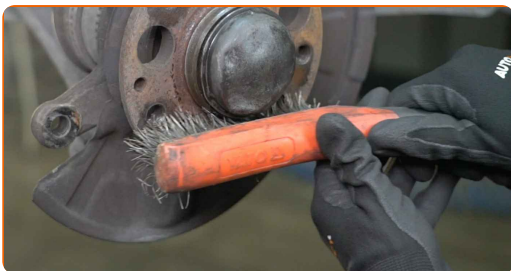
19 Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.



20 Remove the brake disc.



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



22 Remove anti-corrosion grease from the new brake disk. Use a brake cleaner.



AUTODOC recommends:

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

23 Install the brake disc.



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



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



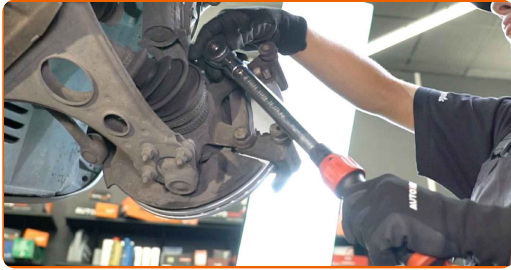
Replacement: brake discs – Mercedes W168. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

26 Install the brake caliper bracket.



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



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



AUTODOC recommends:

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

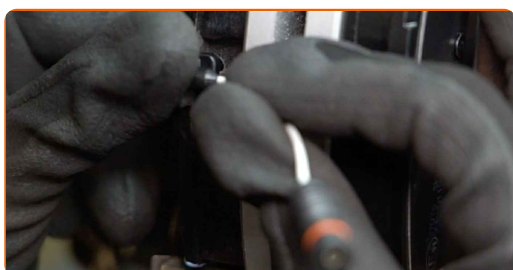
29 Press in the brake caliper piston. Use brake caliper wind back tool.



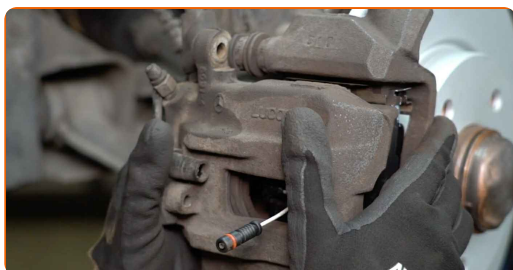
30 Install the brake pads.



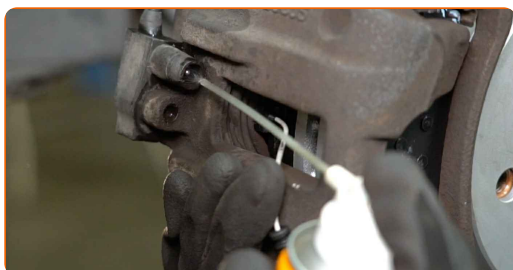
31 Install the wear sensor on the brake pads.



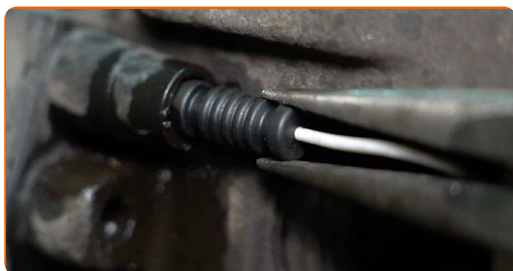
32 Install the brake caliper and fix it. Use a drive socket #12. Use a torque wrench. Tighten it to 30 Nm torque.



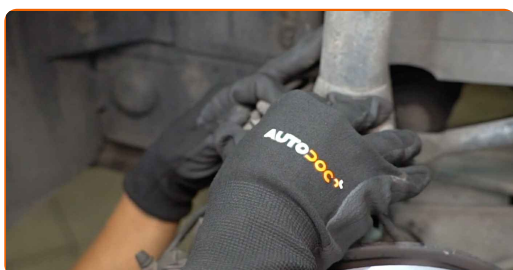
33 Treat the brake pad wear sensor plug. Use dielectric grease.



34 Attach the connector of the brake pad wear sensor. Use round-nose pliers.



35 Connect the brake pad wear sensor wire.



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



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



Replacement: brake discs – Mercedes W168. AUTODOC recommends:

- After applying the spray, wait a few minutes.

38 Install the wheel.



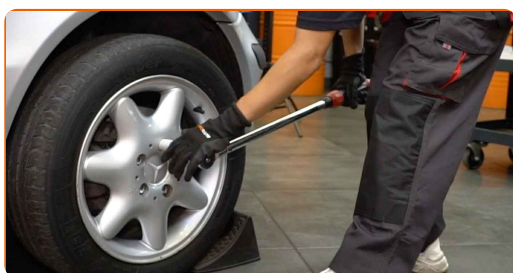
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Mercedes W168

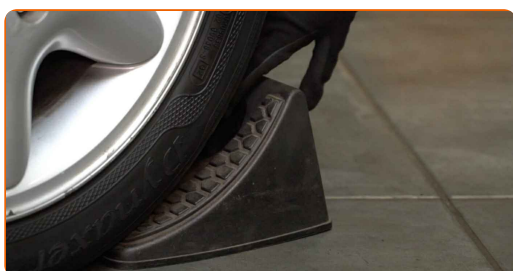
39 Screw in the wheel bolts. Use wheel impact socket #17.



40 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.



41 Remove the jacks and chocks.

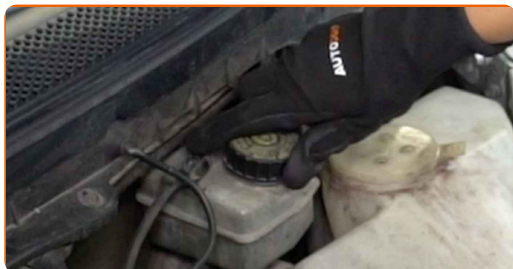


Replacement: brake discs – Mercedes W168. Professionals recommend:

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

42

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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