



How to change rear
brake caliper on
Mercedes W203 –
replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

MERCEDES-BENZ C-Class Saloon (W203) C 180 (203.035), MERCEDES-BENZ C-Class Saloon (W203) C 200 CDI (203.004), MERCEDES-BENZ C-Class Saloon (W203) C 220 CDI (203.006), MERCEDES-BENZ C-Class Coupe (CL203) C 180 (203.735), MERCEDES-BENZ C-Class Coupe (CL203) C 200 Kompressor (203.745), MERCEDES-BENZ C-Class Coupe (CL203) C 220 CDI (203.706), MERCEDES-BENZ C-Class T-modell (S203) C 200 Kompressor (203.245), MERCEDES-BENZ C-Class T-modell (S203) C 200 CDI (203.204), MERCEDES-BENZ C-Class T-modell (S203) C 220 CDI (203.206), MERCEDES-BENZ C-Class T-modell (S203) C 180 (203.235), MERCEDES-BENZ C-Class T-modell (S203) C 200 CDI (203.204, 203.207), MERCEDES-BENZ CLK (C209) 200 1.8 Kompressor (209.342), MERCEDES-BENZ CLK (C209) 200 CGI 1.8 (209.343), MERCEDES-BENZ C-Class Saloon (W203) C 180 Kompressor (203.046), MERCEDES-BENZ C-Class Saloon (W203) C 200 Kompressor (203.042), (+ 23)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE CALIPER – MERCEDES W203.
TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Drive socket # 16
- Combination spanner #9
- Combination spanner #14
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Brake bleeder kit
- Brake hose clip
- Pin punch
- Hammer
- Crow bar
- Wheel chock

BUY TOOLS

Replacement: brake caliper – Mercedes W203. AUTODOC recommends:

- The replacement procedure is identical for the left and right brake calipers on the same axle.
- All work should be done with the engine stopped.

**REPLACEMENT: BRAKE CALIPER – MERCEDES W203.
RECOMMENDED SEQUENCE OF STEPS:**

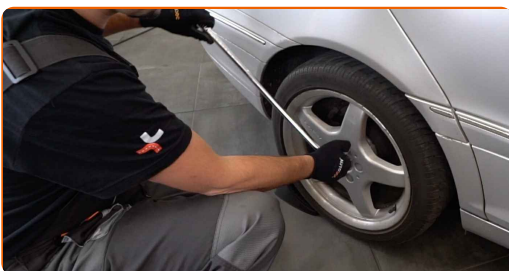
1 Open the bonnet. Unscrew the brake fluid reservoir cap.



2 Secure the wheels with chocks.



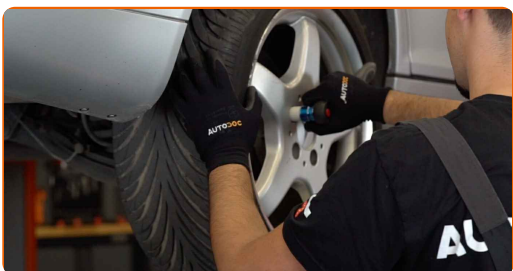
3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



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



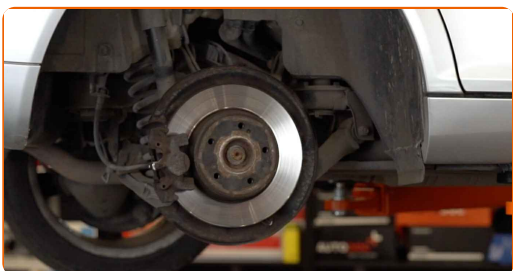
5 Unscrew the wheel bolts.



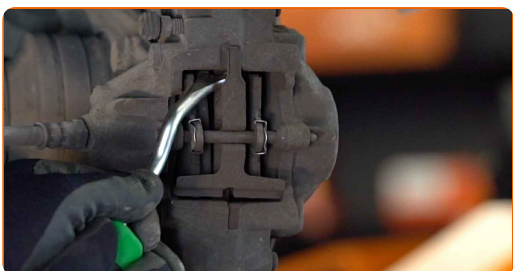
Replacement: brake caliper – Mercedes W203. Tip:

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

6 Remove the wheel.



7 Spread the brake pads. Use a crowbar.



- 8 Clean the area where the brake hose is connected to the caliper, and the guide pins area. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake caliper – Mercedes W203. After applying the spray, wait a few minutes.

- 9 Clamp the brake hose off using a brake hose clamp.



- 10 Put a container for gathering brake fluid beneath.

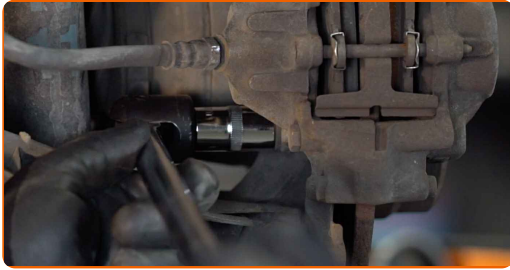


- 11 Loosen the brake hose fastening. Use a combination spanner #14.



12

Unscrew the brake caliper fastening. Use a drive socket #16. Use a ratchet wrench.



13

Remove the brake caliper.



14

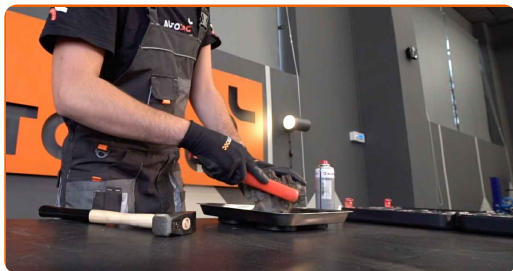
Unscrew the brake hose from the brake caliper.



Replacement: brake caliper – Mercedes W203. AUTODOC experts recommend:

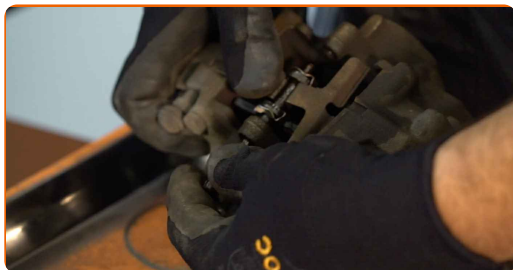
- When replacing a brake caliper it is recommended to replace brake pads, check the state of the brake discs and replace them with new ones if necessary.

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

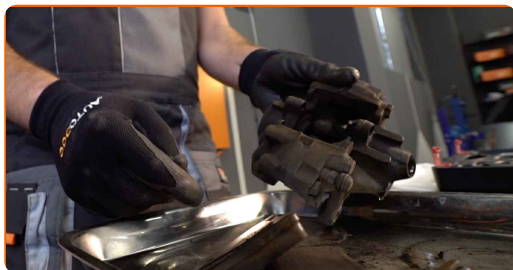


16 While replacing the brake caliper on Mercedes W203, closely examine brake hoses for any signs of damage. Replace them if needed.

17 Remove the brake pad retaining pin. Use a hammer. Use a pin punch.



18 Remove the brake pads.



19 If going to use the old brake pads, clean them. Use a wire brush. Use a brake cleaner.

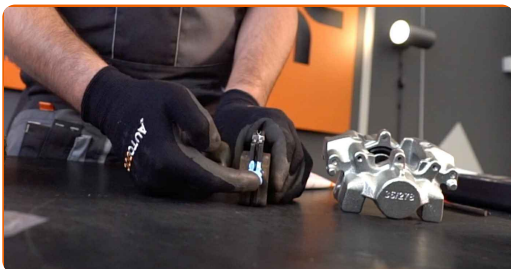


Replacement: brake caliper – Mercedes W203. Tip:

- After applying the spray, wait a few minutes.

20

Treat the surface where the brake pads contact the brake caliper. Use anti-squeal paste.



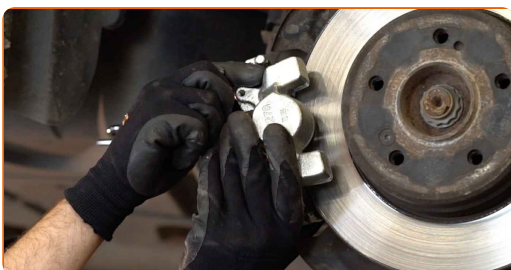
21

Screw the brake caliper on the brake pipe.



22

Install the brake caliper and fix it.



23

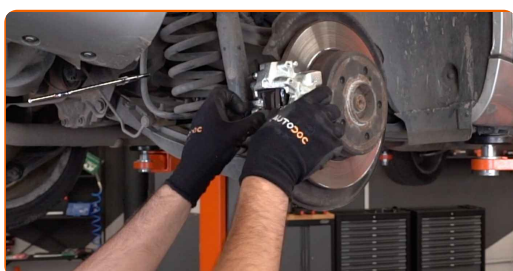
Tighten the brake caliper fasteners. Use a drive socket #16. Use a torque wrench. Tighten it to 55 Nm torque.



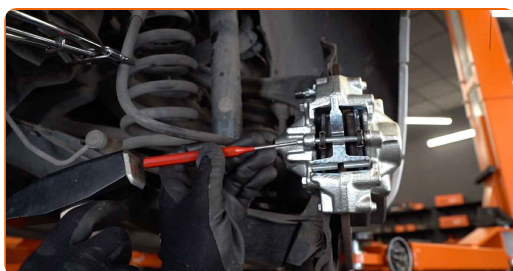
- 24 Tighten the fastener connecting the brake pipe to the brake caliper. Use a combination spanner #14. Use a torque wrench. Tighten it to 18 Nm torque.



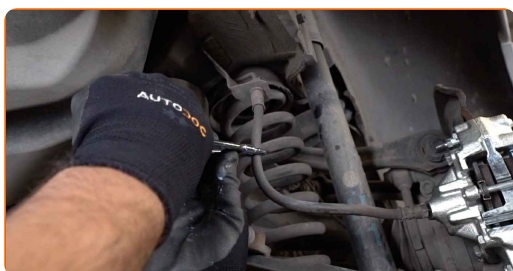
- 25 Install the brake pads.



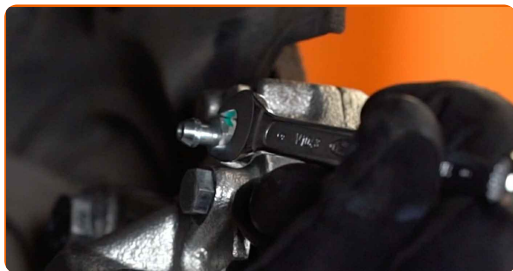
- 26 Install the brake pad retaining pin. Use a hammer. Use a pin punch.



- 27 Remove the brake hose clamp.



28 Undo the brake bleeder screw. Use a combination spanner #9.



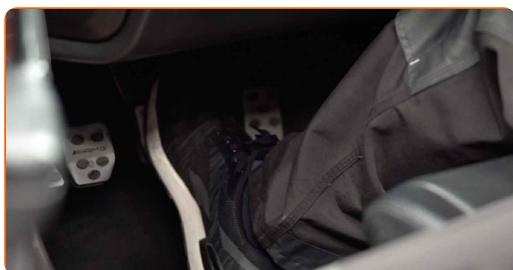
29 Connect the brake bleeder kit to the brake bleeder screw.



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



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



32 Bleed the brake caliper system.



33 Tighten the brake bleeder screw. Use a combination spanner #9.



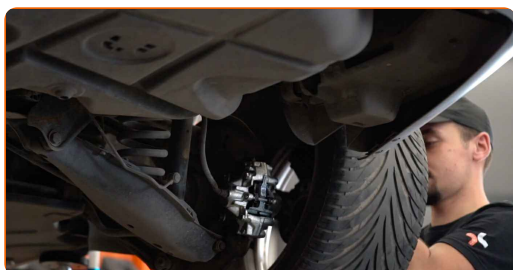
34 Disconnect the brake bleeder kit.



35 Clean the brake disk surface. Use a wire brush. Treat the contacting surface. Use copper grease.



36 Install the wheel.



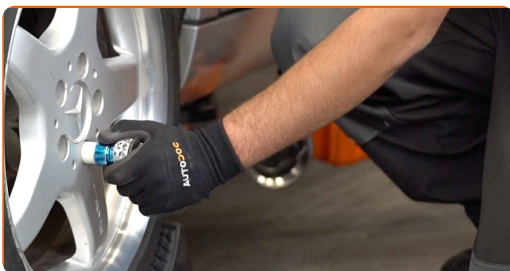
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Mercedes W203

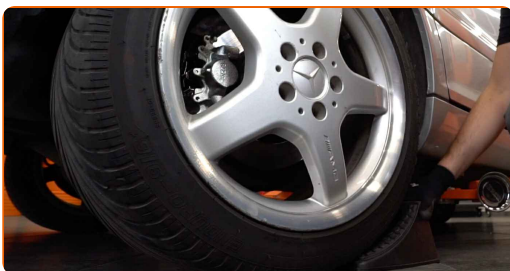
37 Screw in the wheel bolts. Use wheel impact socket #17.



38 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 110 Nm torque.



39 Remove the jacks and chocks.



Replacement: brake caliper – Mercedes W203. Professionals recommend:

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

40

Tighten the brake fluid reservoir cap. Close the hood.



WELL DONE! 

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