



How to change rear  
brake caliper on  
**Mercedes W210** –  
replacement guide

## VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:

MERCEDES-BENZ C-Class Saloon (W202) C 280 (202.028), MERCEDES-BENZ E-Class Saloon (W210) E 220 D (210.004), MERCEDES-BENZ E-Class Saloon (W210) E 250 D (210.010), MERCEDES-BENZ E-Class Saloon (W210) E 300 D (210.020), MERCEDES-BENZ E-Class Saloon (W210) E 230 (210.037), MERCEDES-BENZ C-Class Saloon (W202) C 230 Kompressor (202.024), MERCEDES-BENZ C-Class Saloon (W202) C 250 Turbo-D (202.128), MERCEDES-BENZ E-Class Saloon (W210) E 290 Turbo-D (210.017), MERCEDES-BENZ C-Class T-modell (S202) C 180 T (202.078), MERCEDES-BENZ C-Class T-modell (S202) C 200 T (202.080), MERCEDES-BENZ C-Class T-modell (S202) C 220 T D (202.182), MERCEDES-BENZ C-Class T-modell (S202) C 250 T Turbo-D (202.188), MERCEDES-BENZ C-Class Saloon (W202) C 200 Kompressor (202.025), MERCEDES-BENZ C-Class T-modell (S202) C 230 T (202.083), MERCEDES-BENZ SLK (R170) 200 2.0 (170.435), (+ 31)

The steps may slightly vary depending on the car design.

**REPLACEMENT: BRAKE CALIPER – MERCEDES W210.  
TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Sealant
- Copper grease
- Combination spanner #9
- Flare nut spanner №14
- Drive socket # 17
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Crow bar
- Hammer
- Pin punch
- Brake hose clip
- Brake bleeder kit
- Wheel chock

**BUY TOOLS**

Replacement: brake caliper – Mercedes W210. Tip from AUTODOC:

- The replacement procedure is identical for the left and right brake calipers on the same axle.
- Please note: all work on the car – Mercedes W210 – 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.



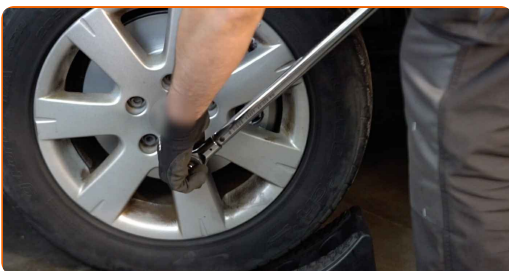
2

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.

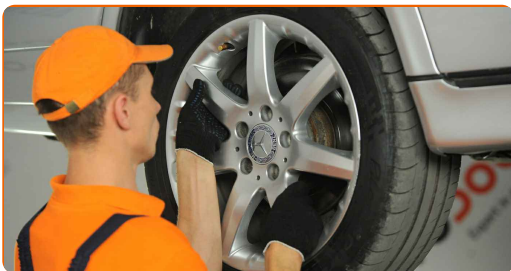
**5** Unscrew the wheel bolts.



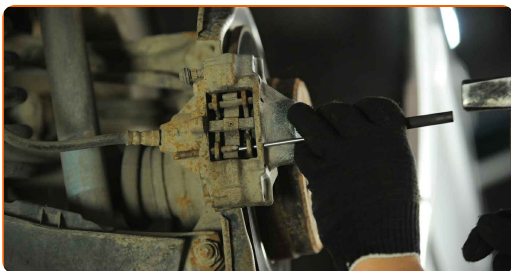
**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. Mercedes W210

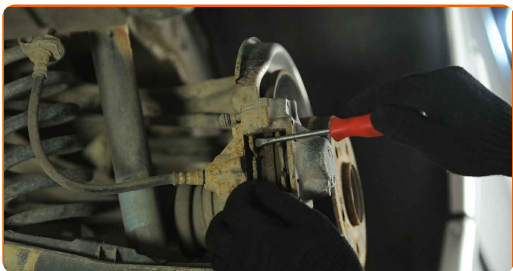
**6** Remove the wheel.



**7** Remove the brake pads retaining clips. Use a pin punch. Use a hammer.



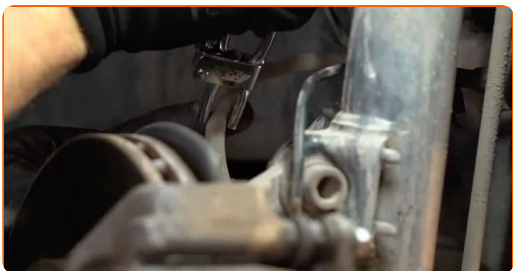
**8** Spread the brake pads. Use a crowbar.



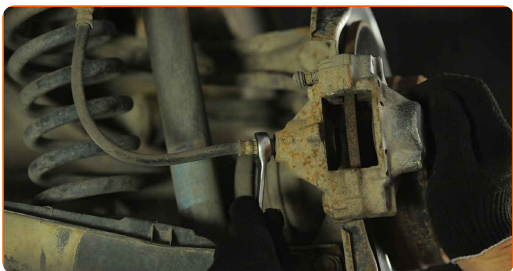
**9** Remove the brake pads. Use a flat screwdriver.



**10** Clamp the brake hose off using a brake hose clamp.

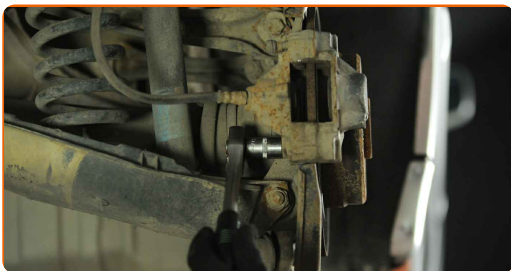


**11** Loosen the brake hose fastening. Use a flare nut spanner #14.



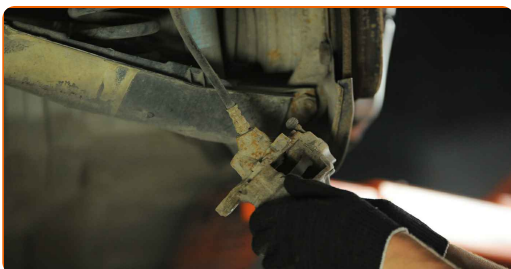
**12** Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

**13** Unscrew the brake caliper fastening. Use a drive socket #17. Use a ratchet wrench.

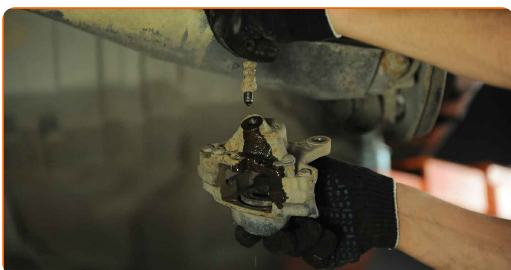


**14** Remove the fastening bolts (2 pieces).

**15** Remove the brake caliper.



**16** Disconnect the brake hose.

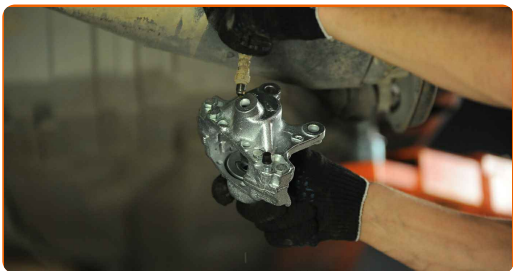


**17** Treat the brake hose. Use a brake cleaner.

**AUTODOC recommends:**

- Replacement: brake caliper – Mercedes W210. After applying the spray, wait a few minutes.

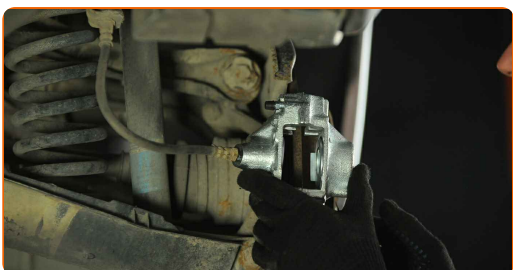
**18** Install and fix the brake hose into a new caliper.



**19** Remove the brake hose clamp.



**20** Install the brake caliper and fix it.



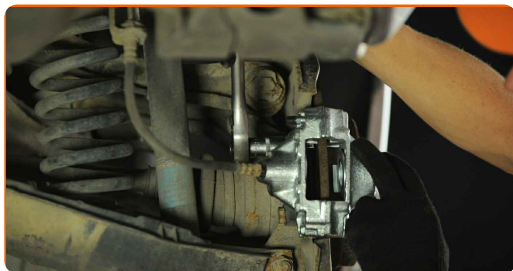
**21** Treat the fastening bolts. Use a sealant.



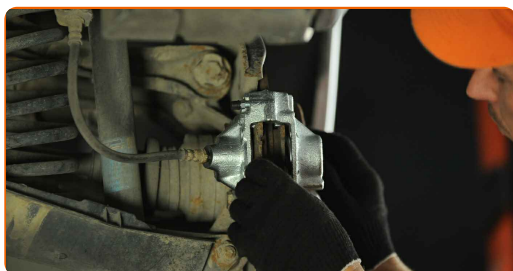
**22** Install the fastening bolts (2 pieces).



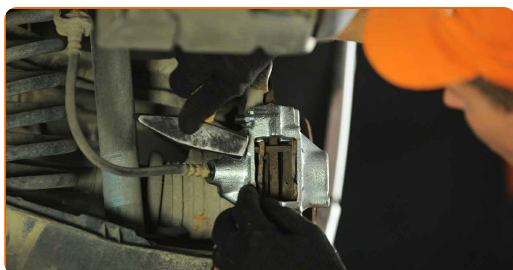
**23** Tighten the brake caliper fasteners. Use a drive socket #17. Use a torque wrench. Tighten it to 55 Nm torque.



**24** Install the brake pads.

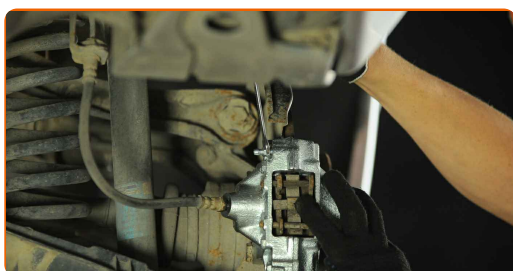


**25** Install the brake pads retaining clips. Use a pin punch. Use a hammer. Use a flat screwdriver.

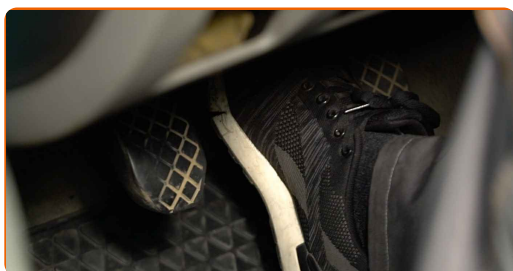


**26** Connect the brake bleeder kit to the brake bleeder screw.

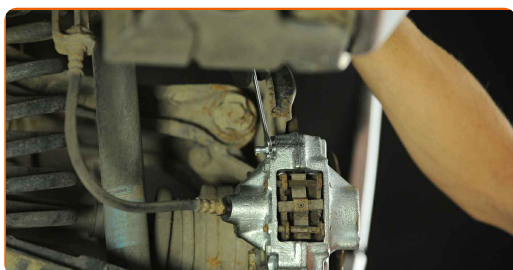
**27** Undo the brake bleeder screw. Use a combination spanner #9.



- 28** Bleed the brake caliper system. Without starting the engine, press the brake pedal several times until you feel significant resistance.

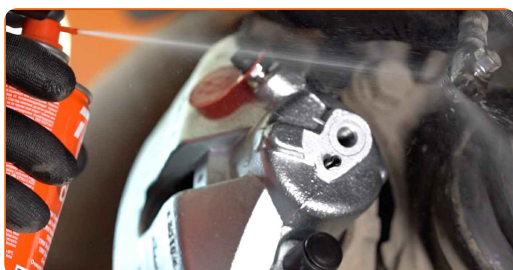


- 29** Tighten the brake caliper bleed screw. Use a combination spanner #9. Use a torque wrench. Tighten it to 11 Nm torque.



- 30** Disconnect the brake bleeder kit.

- 31** Clean dirt from the brake hose bolt. Use a brake cleaner.



**Replacement: brake caliper – Mercedes W210. AUTODOC recommends:**

- After applying the spray, wait a few minutes.

32

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



33

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake caliper – Mercedes W210. After applying the spray, wait a few minutes.

34

Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Mercedes W210

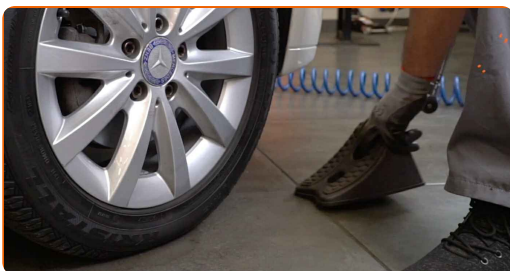
**35** Screw in the wheel bolts. Use wheel impact socket #17.



**36** 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.



**37** Remove the jacks and chocks.



Replacement: brake caliper – Mercedes W210. Professionals recommend:

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

38

Tighten the brake fluid reservoir cap. Close the hood.



Replacement: brake caliper – Mercedes W210. Tip from AUTODOC:

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

**WELL DONE!** 

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