



How to change front  
brake discs on **Mercedes**  
**W210** – replacement  
guide

## VIDEO TUTORIAL



### Important!

This replacement procedure can be used for:

MERCEDES-BENZ E-Class Saloon (W210) E 320 (210.055), MERCEDES-BENZ E-Class Saloon (W210) E 280 (210.053), MERCEDES-BENZ E-Class Saloon (W210) E 420 (210.072), MERCEDES-BENZ E-Class T-modell (S210) E 270 T CDI, MERCEDES-BENZ E-Class Saloon (W210) E 270 CDI (210.016), MERCEDES-BENZ E-Class Saloon (W210) E 280 (210.063), MERCEDES-BENZ E-Class Saloon (W210) E 280 4-matic (210.081), MERCEDES-BENZ E-Class Saloon (W210) E 320 (210.065), MERCEDES-BENZ E-Class Saloon (W210) E 300 Turbo-D (210.025), MERCEDES-BENZ E-Class T-modell (S210) E 280 T 4-matic (210.281), MERCEDES-BENZ E-Class T-modell (S210) E 320 T (210.265), MERCEDES-BENZ E-Class T-modell (S210) E 300 T Turbo-D (210.225), MERCEDES-BENZ E-Class T-modell (S210) E 320 T 4-matic (210.282), MERCEDES-BENZ E-Class Saloon (W210) E 320 4-matic (210.082), MERCEDES-BENZ CLK (C208) 320 3.2 (208.365), (+ 16)

The steps may slightly vary depending on the car design.

**REPLACEMENT: BRAKE DISCS – MERCEDES W210.  
LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Ceramic grease
- Torque wrench
- Drive socket # 18
- HEX bit No.H5
- HEX bit No.H7
- Wheel impact socket #17
- Ratchet wrench
- Crow bar
- Tap wrench
- Brake caliper wind back tool
- Long nose pliers
- Wheel chock

**BUY TOOLS**

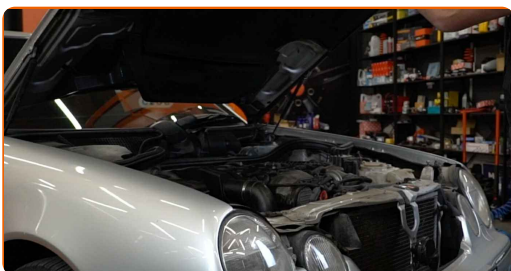
**AUTODOC recommends:**

- Replace the brake disks on the car Mercedes W210 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 W210 – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

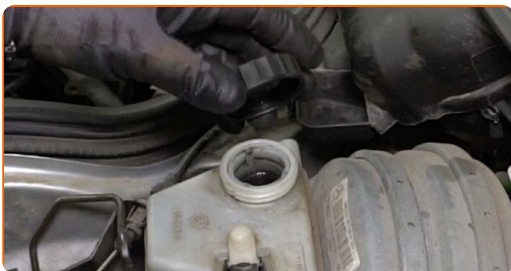
**1**

Open the bonnet.



**2**

Unscrew the brake fluid reservoir cap.



**3**

Secure the wheels with chocks.

4

Loosen the wheel bolts. Use wheel impact socket #17. Use a tap wrench.



5

Raise the car.

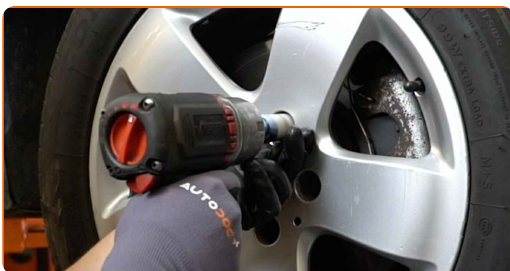


Replacement: brake discs – Mercedes W210. AUTODOC recommends:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

6

Unscrew the wheel bolts.

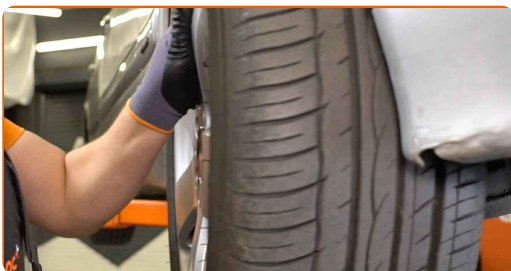


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
Mercedes W210

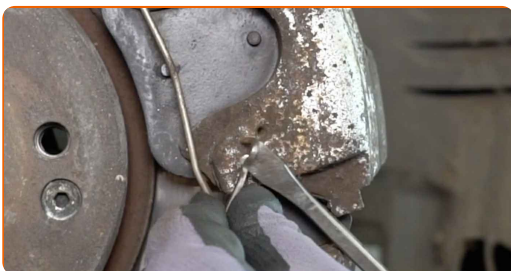
7

Remove the wheel.



8

Detach the brake caliper retaining spring. Use a crowbar.



9

Disconnect the brake pad wear sensor. Use long nose pliers.



10

Spread the brake pads. Use a crowbar.



**11**

Remove the caps from the brake caliper guide pin boots. Use a crowbar.



**12**

Unscrew the brake caliper fasteners. Use HEX No.H7. Use a ratchet wrench.



**13**

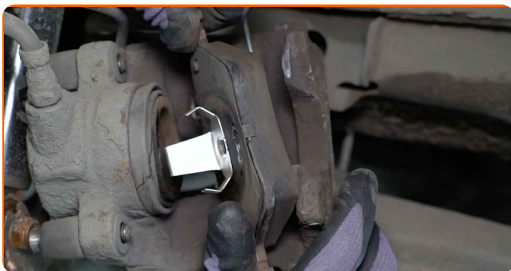
Remove the brake caliper.



**AUTODOC recommends:**

- 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.

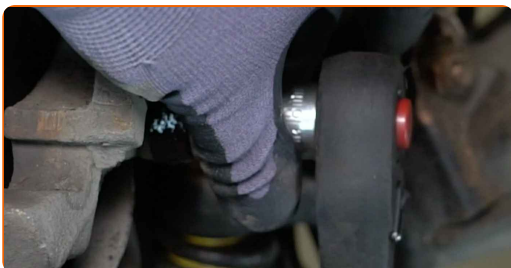
**14** Remove the brake pads.



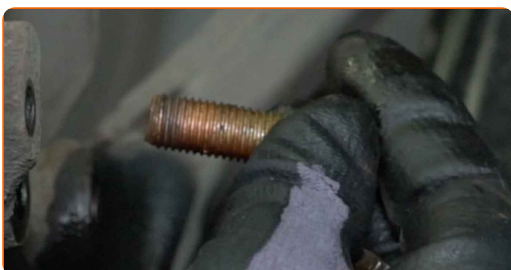
**15** Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



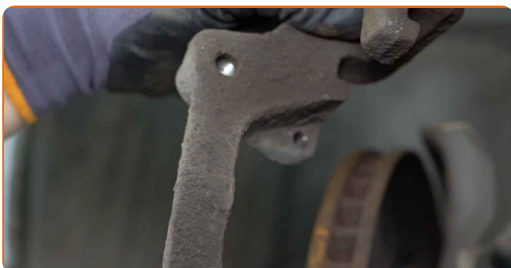
**16** Unscrew the brake caliper bracket fasteners. Use a drive socket #18. Use a ratchet wrench.



**17** Remove the fastening bolts.

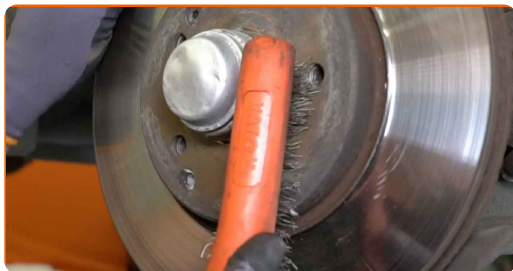


**18** Remove the brake caliper bracket.





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



**20** Unscrew the brake disc fasteners. Use HEX No.H5. Use a ratchet wrench.

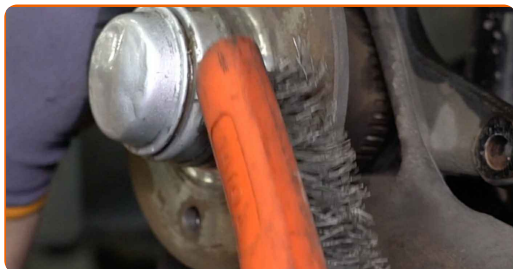


**21** Remove the fastening bolt.

**22** Remove the brake disc.

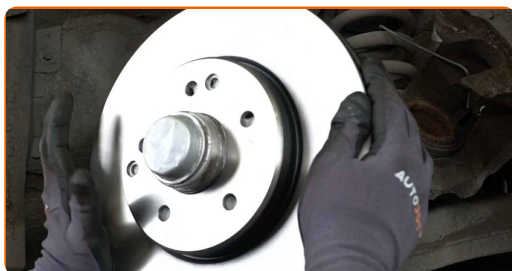


**23** Clean the wheel hub. Use a wire brush.

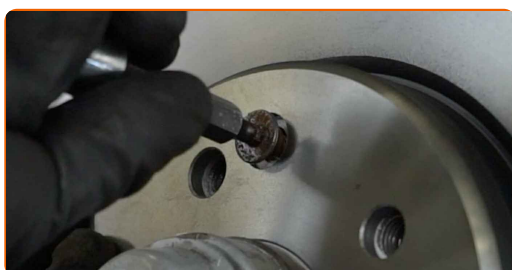


**24** Treat the contacting surface. Use ceramic grease.

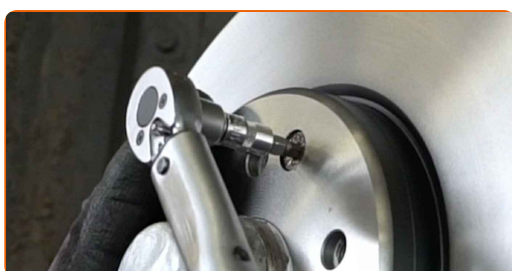
**25** Install a new brake disc.



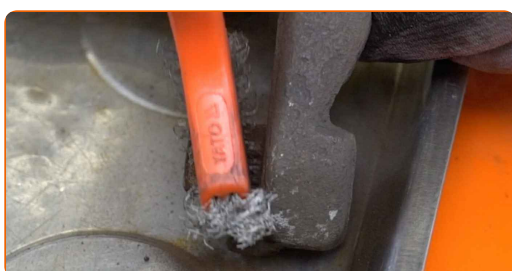
**26** Install the fastening bolt.



**27** Tighten the brake disc fasteners. Use HEX No.H5. Use a torque wrench. Tighten it to 10 Nm torque.



**28** Clean the brake caliper bracket of dirt and dust. Use a wire brush. Use a brake cleaner.



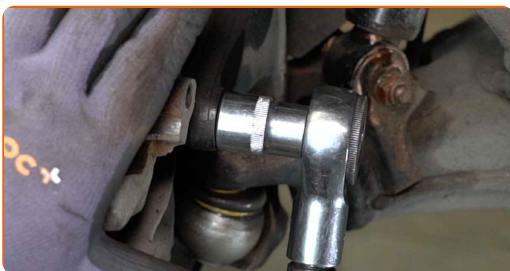
**29** Install the brake caliper bracket.



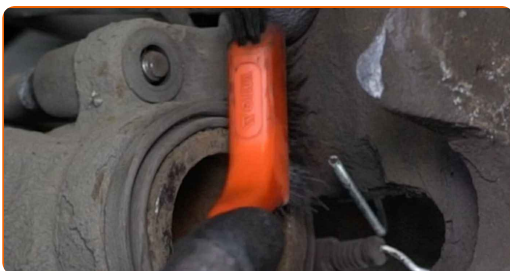
**30** Install the fastening bolts.



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



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



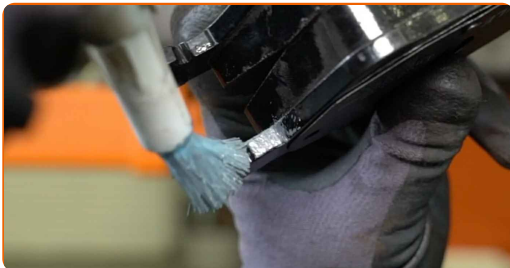
**Replacement: brake discs – Mercedes W210. Tip:**

- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

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



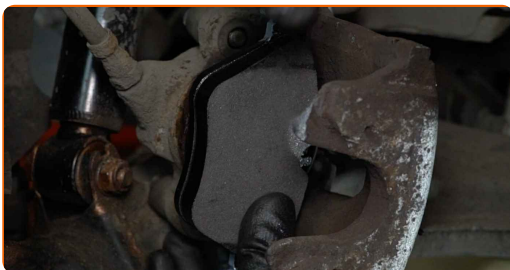
**34** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



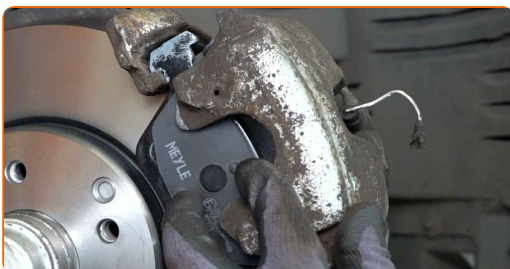
**AUTODOC recommends:**

- Make sure the disc surface is clean before installing the pads.

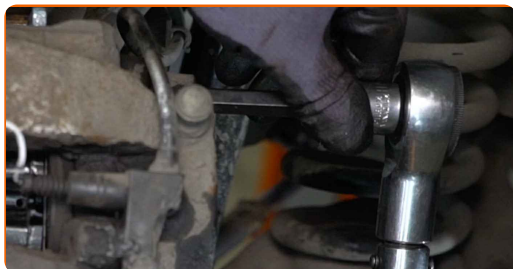
**35** Install the brake pads.



**36** Install the brake caliper and fasten it.



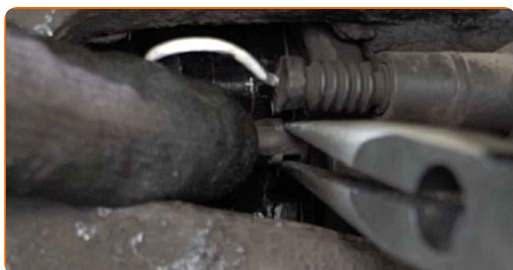
**37** Tighten the brake caliper fasteners. Use HEX No.H7. Use a torque wrench. Tighten it to 25 Nm torque.



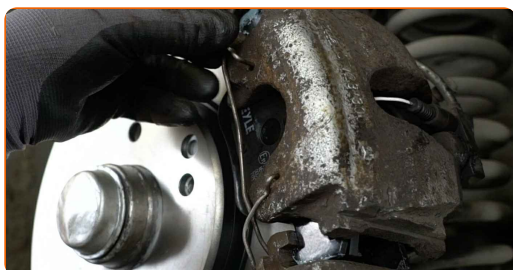
**38** Install the caps on the brake caliper guide pin boots.



**39** Connect the brake pad wear sensor.



**40** Install the brake pad retaining clip. Use a crowbar.



**41** Treat the surface where the brake disc contacts the wheel rim. Use ceramic grease.



**42** Clean the brake disk surface. Use a brake cleaner.



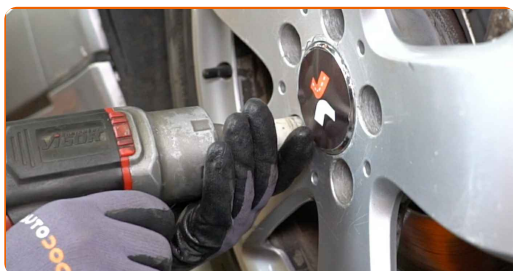
**43** Install the wheel.



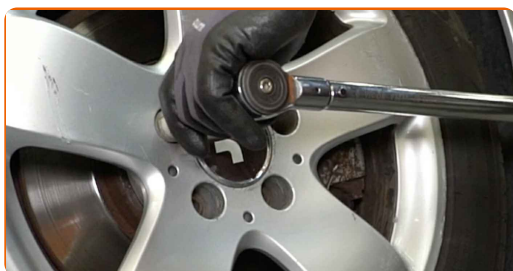
**AUTODOC recommends:**

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

**44** Screw in the wheel bolts. Use wheel impact socket #17. Use a ratchet wrench.



- 45** 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.



- 46** Remove the jacks and chocks.



**AUTODOC recommends:**

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Important! Replacement: brake discs – Mercedes W210. Check the brake fluid level in the reservoir and top up if necessary.

- 47** Tighten the brake fluid reservoir cap.



48

Close the bonnet.



**WELL DONE!** 

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