



How to change front  
brake pad wear sensor on  
**MERCEDES-BENZ CLK**  
**Coupe (C209)** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

#### **i Important!**

This replacement procedure can be used for:

MERCEDES-BENZ CLK Coupe (C209) 320 3.2 (209.365), MERCEDES-BENZ CLK Coupe (C209) 500 5.0 (209.375), MERCEDES-BENZ CLK Coupe (C209) 240 2.6 (209.361), MERCEDES-BENZ CLK Coupe (C209) 200 1.8 Kompressor (209.342), MERCEDES-BENZ CLK Coupe (C209) 200 CGI 1.8 (209.343), MERCEDES-BENZ CLK Coupe (C209) 270 CDI 2.7 (209.316), MERCEDES-BENZ CLK Coupe (C209) 55 AMG 5.4 (209.376), MERCEDES-BENZ CLK Coupe (C209) DTM AMG, MERCEDES-BENZ CLK Coupe (C209) 350 3.5 (209.356), MERCEDES-BENZ CLK Coupe (C209) 280 3.0 (209.354), MERCEDES-BENZ CLK Coupe (C209) 220 CDI 2.2 (209.308), MERCEDES-BENZ CLK Coupe (C209) 320 CDI 3.0 (209.320), MERCEDES-BENZ CLK Coupe (C209) 63 AMG 6.2 (209.377), MERCEDES-BENZ CLK Coupe (C209) 500 5.5 (209.372), MERCEDES-BENZ CLK Coupe (C209) 200 1.8 Kompressor (209.341)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: MERCEDES-BENZ C-Class Saloon (W204) C 220 CDI (204.008)

REPLACEMENT: BRAKE PAD WEAR SENSOR –  
MERCEDES-BENZ CLK COUPE (C209). TOOLS YOU  
MIGHT NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Electronic spray
- Brake cleaner
- Anti-squeal paste
- Ceramic grease
- Torque wrench
- Combination spanner #17
- Drive socket # 13
- Wheel impact socket #17
- Ratchet wrench
- Long nose pliers
- Brake caliper wind back tool
- Crow bar
- Wheel chock

**Buy tools**

Replacement: brake pad wear sensor – MERCEDES-BENZ CLK Coupe (C209).  
Tip from AUTODOC:

- The replacement procedure is identical for both brake pad wear sensors on the same axle.
- The wear sensors should be replaced together with the brake pads.
- Please note: all work on the car – MERCEDES-BENZ CLK Coupe (C209) – 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 car.

Replacement: brake pad wear sensor – MERCEDES-BENZ CLK Coupe (C209).  
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.

5

Unscrew the wheel bolts.



AUTODOC recommends:

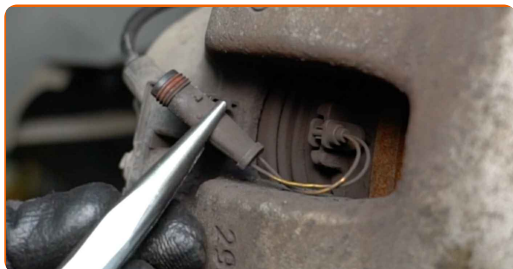
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
MERCEDES-BENZ CLK Coupe (C209)

6

Remove the wheel.



**7** Detach the connector of the brake pad wear sensor. Use long nose pliers.

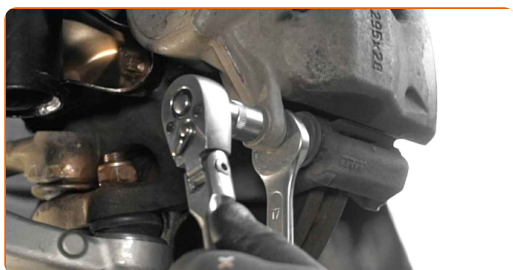


**8** Spread the brake pads. Use a crowbar.



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

**10** Unscrew the brake caliper fasteners. Use a combination spanner #17. Use a drive socket #13. Use a ratchet wrench.



**11** Remove the fastening bolts.



**12**

Remove the brake caliper.

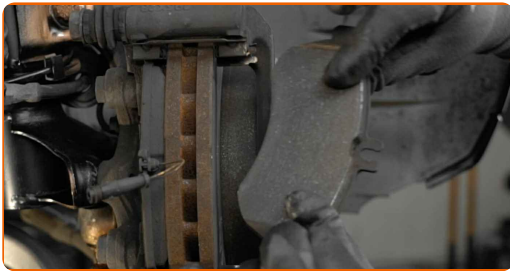


**Replacement: brake pad wear sensor – MERCEDES-BENZ CLK Coupe (C209).**  
**Tip:**

- 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.

**13**

Remove the brake pads.



14

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



**AUTODOC recommends:**

- After applying the spray, wait a few minutes.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

15

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



**AUTODOC recommends:**

- Replacement: brake pad wear sensor – MERCEDES-BENZ CLK Coupe (C209). After applying the spray, wait a few minutes.



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



**17** Attach the new wear sensor to the new pad.



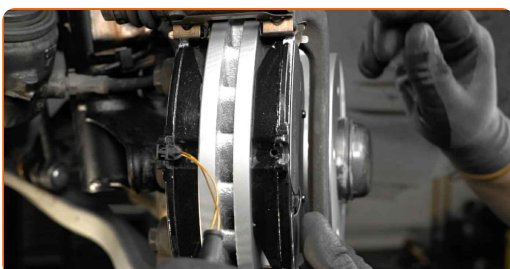
**18** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



**AUTODOC recommends:**

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

**19** Install the brake pads.



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



**21** Install the fastening bolts.



**22** Tighten the brake caliper fasteners. Use a combination spanner #17. Use a drive socket #13. Use a torque wrench. Tighten it to 34 Nm torque.



**23** Treat the brake pad wear sensor plug. Use dielectric grease.



**24** Attach the connector of the brake pad wear sensor.



**25** Clean the wheel rim mounting seat. Use a wire brush.



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



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



**AUTODOC recommends:**

- After applying the spray, wait a few minutes.

**28** Install the wheel.



**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. MERCEDES-BENZ CLK Coupe (C209)

**29**

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



**30**

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 130 Nm torque.



**31**

Remove the jacks and chocks.



Replacement: brake pad wear sensor – MERCEDES-BENZ CLK Coupe (C209).  
AUTODOC experts recommend:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Check the brake fluid level in the expansion tank and refill if necessary.

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Tighten the brake fluid reservoir cap. Close the hood.

**WELL DONE!** 

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