



How to change rear  
brake pads on  
**MERCEDES-BENZ E-  
Class Coupe (C207)** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



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

### **Important!**

This replacement procedure can be used for:

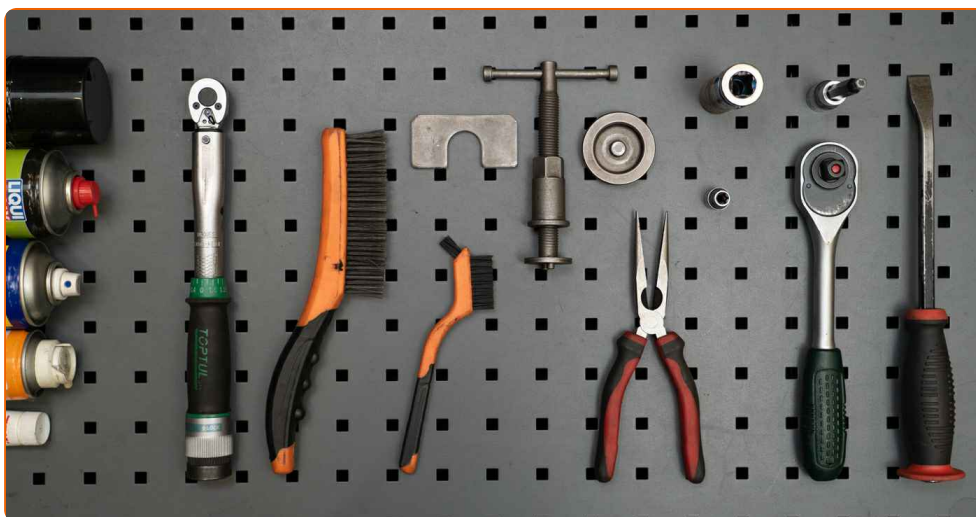
MERCEDES-BENZ E-Class Coupe (C207) E 350 CDI (207.323), MERCEDES-BENZ E-Class Coupe (C207) E 300 (207.355), MERCEDES-BENZ E-Class Coupe (C207) E 350 (207.359), MERCEDES-BENZ E-Class Coupe (C207) E 500 (207.373), MERCEDES-BENZ E-Class Coupe (C207) E 350 (207.356), MERCEDES-BENZ E-Class Coupe (C207) E 250 CGI (207.347), MERCEDES-BENZ E-Class Coupe (C207) E 350 CGI (207.357), MERCEDES-BENZ E-Class Coupe (C207) E 500 (207.372), MERCEDES-BENZ E-Class Coupe (C207) E 250 CDI / BlueTEC / d (207.303, 207.304), MERCEDES-BENZ E-Class Coupe (C207) E 350 CDI (207.322), MERCEDES-BENZ E-Class Coupe (C207) E 220 CDI / d (207.302, 207.301), MERCEDES-BENZ E-Class Coupe (C207) E 200 CGI (207.348), MERCEDES-BENZ E-Class Coupe (C207) E 400 (207.365), MERCEDES-BENZ E-Class Coupe (C207) E 250 (207.336), MERCEDES-BENZ E-Class Coupe (C207) E 200 (207.334), (+ 7)

The steps may slightly vary depending on the car design.

Please note that this tutorial was created based on the replacement procedure for this car part on a car with a similar 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 PADS – MERCEDES-BENZ E-CLASS COUPE (C207). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Electronic spray
- Brake cleaner
- Anti-squeal paste
- Ceramic grease
- Torque wrench
- Torx bit E10
- HEX bit no.H7
- Wheel impact socket #17
- Ratchet wrench
- Long nose pliers
- Brake caliper wind back tool
- Crow bar
- Wheel chock

**Buy tools**

Replacement: brake pads – MERCEDES-BENZ E-Class Coupe (C207).  
AUTODOC experts recommend:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- Please note: all work on the car – MERCEDES-BENZ E-Class Coupe (C207) – 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.



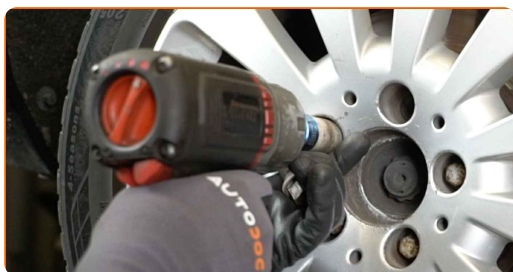
**4** Raise the car.

## Replacement: brake pads – MERCEDES-BENZ E-Class Coupe (C207). Tip from AUTODOC:

- 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.

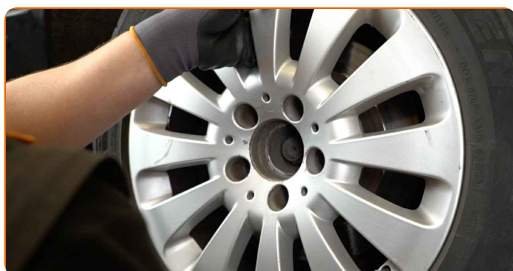


### AUTODOC recommends:

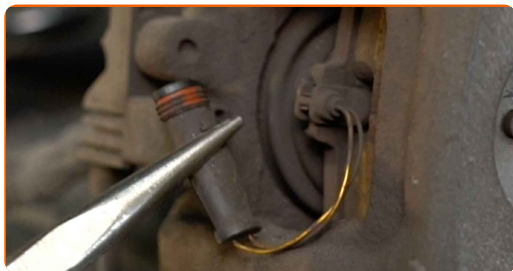
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. MERCEDES-BENZ E-Class Coupe (C207)

6

Remove the wheel.



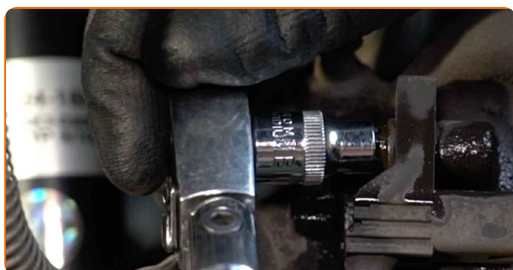
**7** Detach the connector of the brake pad wear sensor. Use long nose pliers.



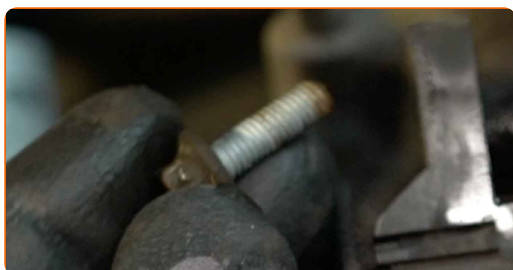
**8** Clean the fasteners of the brake pad wear sensor wiring harness. Use a wire brush. Use WD-40 spray.



**9** Unscrew the fasteners of the brake pad wear sensor wiring harness. Use Torx E10. Use a ratchet wrench.



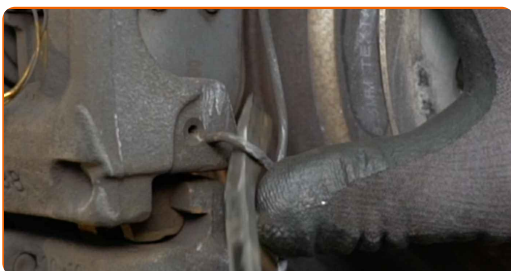
**10** Remove the fastening bolt.



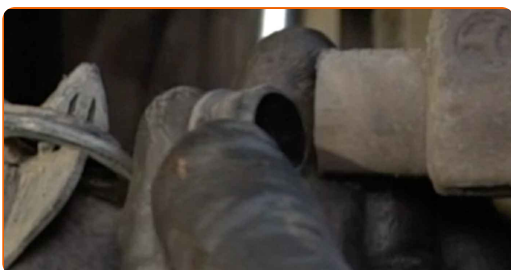
**11** Detach the brake pad wear sensor wiring harness.



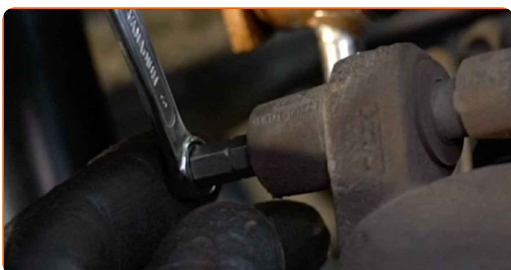
**12** Detach the brake caliper retaining spring. Use a crowbar.



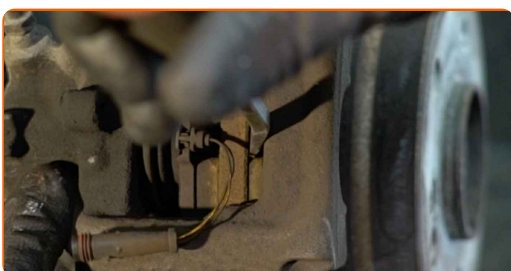
**13** Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.



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



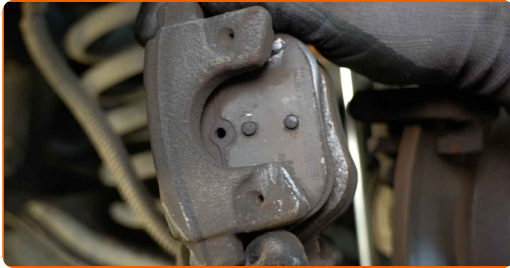
**15** Spread the brake pads. Use a crowbar.





**16**

Remove the brake caliper.

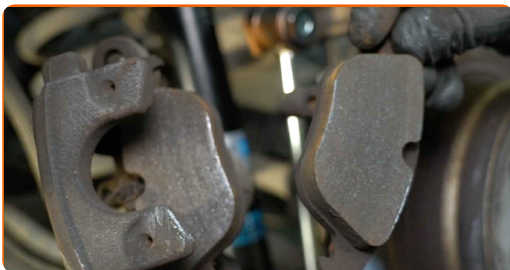


**Replacement: brake pads – MERCEDES-BENZ E-Class Coupe (C207).  
AUTODOC experts recommend:**

- 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.

**17**

Remove the brake pads.



**AUTODOC recommends:**

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

18

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

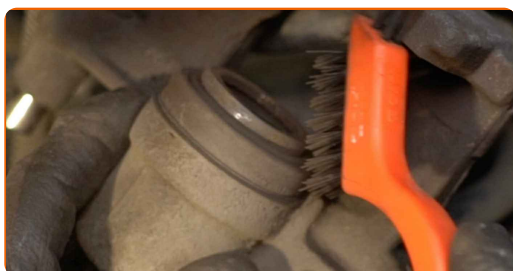


**AUTODOC recommends:**

- Replacement: brake pads – MERCEDES-BENZ E-Class Coupe (C207). After applying the spray, wait a few minutes.

19

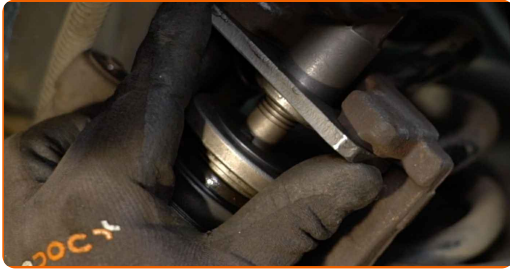
Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



**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.

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



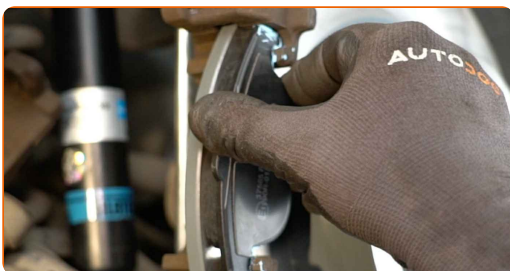
**21** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



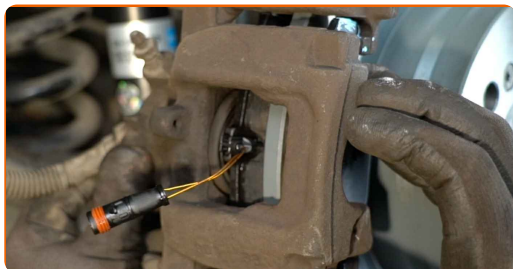
Replacement: brake pads – MERCEDES-BENZ E-Class Coupe (C207).  
Professionals recommend:

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

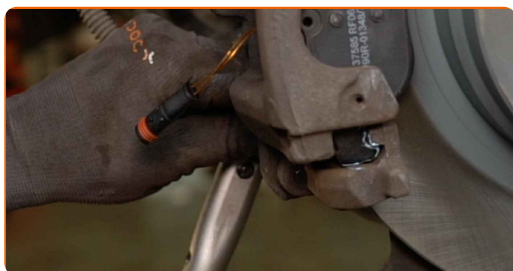
**22** Install new brake pads.



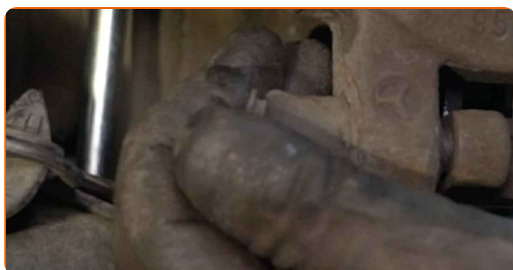
**23** Install the brake caliper and fix it.



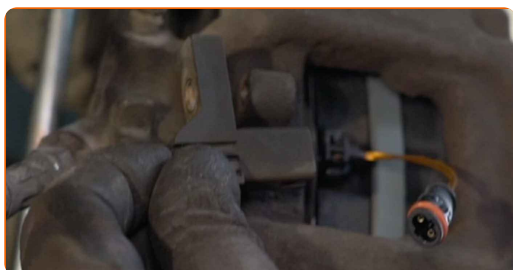
**24** Tighten the brake caliper fasteners. Use HEX No.H7. Use a torque wrench. Tighten it to 25 Nm torque.



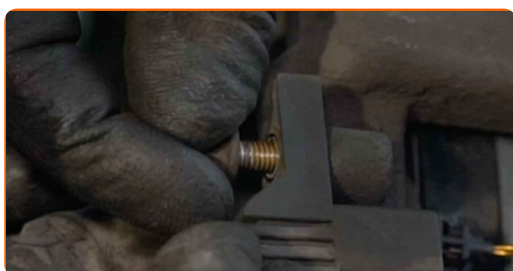
**25** Install the dust boot caps of the brake caliper guide pins.



**26** Attach the brake pad wear sensor wiring harness.



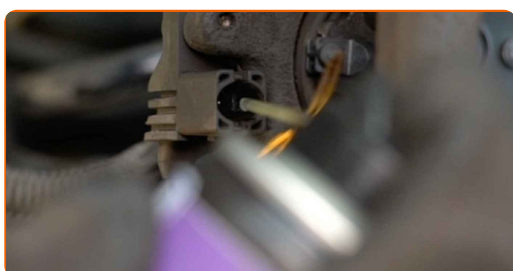
**27** Install the fastening bolt.



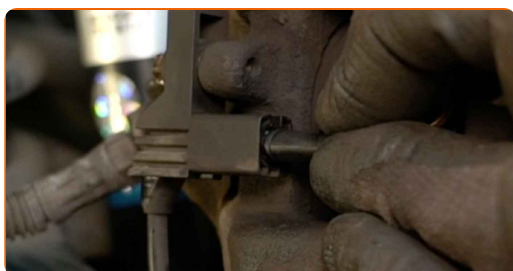
- 28 Tighten the fasteners of the brake pad wear sensor wiring harness. Use Torx E10. Use a torque wrench. Tighten it to 8 Nm torque.



- 29 Treat the brake pad wear sensor plug. Use dielectric grease.



- 30 Attach the connector of the brake pad wear sensor.



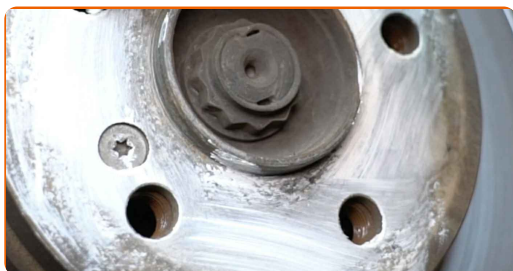
- 31 Install the brake caliper retaining spring.



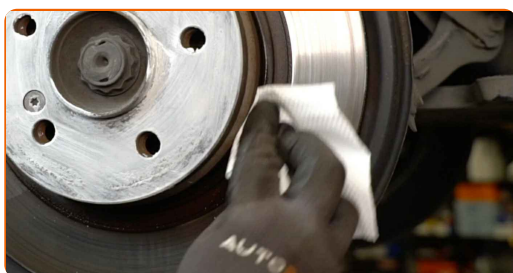
- 32 Clean the wheel rim mounting seat. Use a wire brush.



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



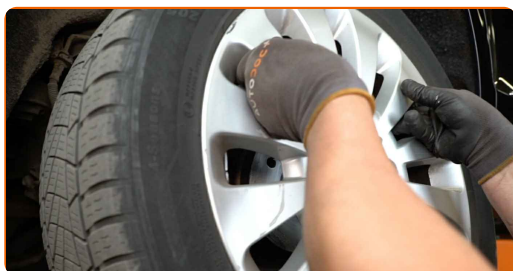
**34** Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- After applying the spray, wait a few minutes.

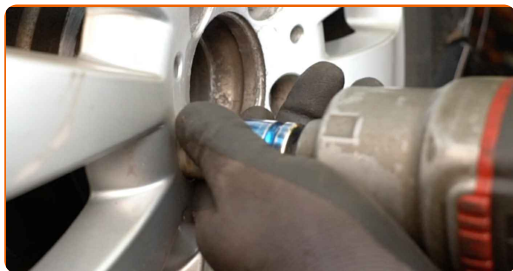
**35** Install the wheel.



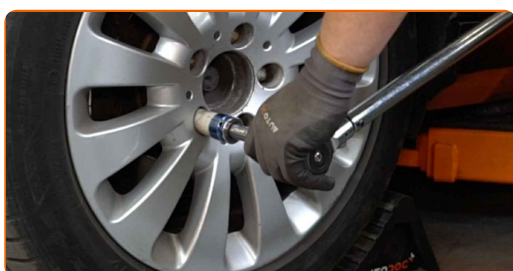
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. MERCEDES-BENZ E-Class Coupe (C207)

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



**37** 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.



**38** Remove the jacks and chocks.

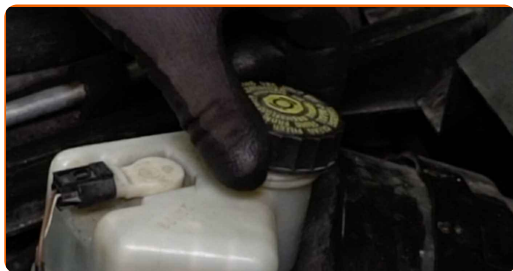


**AUTODOC recommends:**

- 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.

39

Tighten the brake fluid reservoir cap. Close the hood.



Replacement: brake pads – MERCEDES-BENZ E-Class Coupe (C207). Tip from AUTODOC experts:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unnecessary and sharp braking to a stop.

**WELL DONE!** 

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