



How to change front  
brake discs 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 250 CGI (207.347), 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 200 (207.334), MERCEDES-BENZ E-Class Coupe (C207) E 220 BlueTEC (207.301), MERCEDES-BENZ E-Class Coupe (C207) E 220 CDI

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 DISCS – MERCEDES-BENZ E-CLASS COUPE (C207). TOOLS YOU MIGHT NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Electronic spray
- All-purpose cleaning spray
- Brake cleaner
- Anti-squeal paste
- Ceramic grease
- Torque wrench
- Combination spanner #17
- Combination spanner #18
- Drive socket # 13
- HEX bit no.H5
- Wheel impact socket #17
- Ratchet wrench
- Impact screwdriver
- Long nose pliers
- Brake caliper wind back tool
- Crow bar
- Wheel chock

**Buy tools**

**AUTODOC recommends:**

- Replace the brake disks on the car MERCEDES-BENZ E-Class Coupe (C207) 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-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 discs – MERCEDES-BENZ E-Class Coupe (C207).  
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 E-Class Coupe (C207)

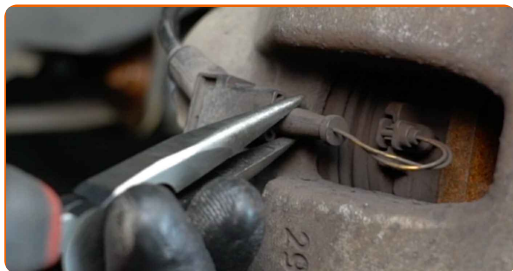
6

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 discs – MERCEDES-BENZ E-Class Coupe (C207).  
AUTODOC recommends:**

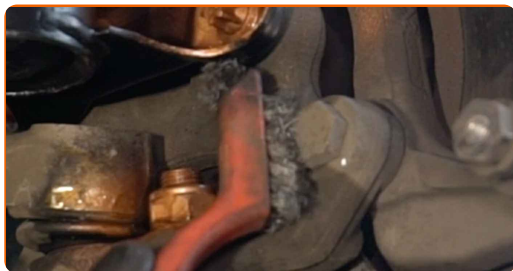
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

**13**

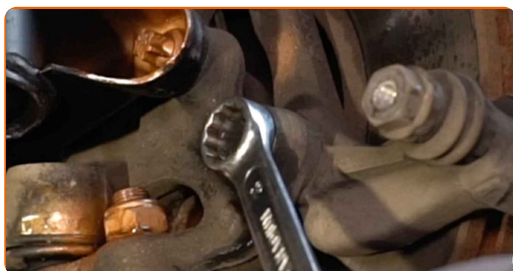
Remove the brake pads.



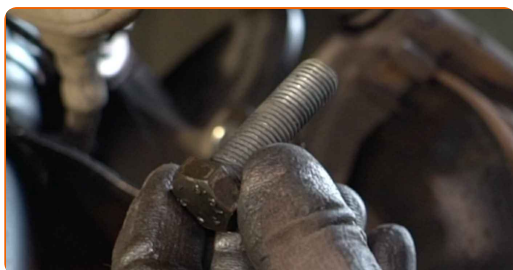
**14** Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



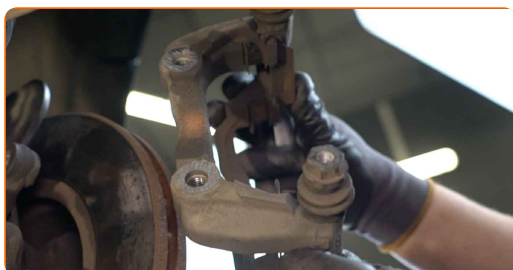
**15** Unscrew the brake caliper bracket fasteners. Use a combination spanner #18.



**16** Remove the fastening bolts.



**17** Remove the caliper bracket.





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



**19** Unscrew the brake disc fastening. Use HEX No.H5. Use an impact screwdriver.



**20** Remove the fastening bolt.



**21** Remove the brake disc.



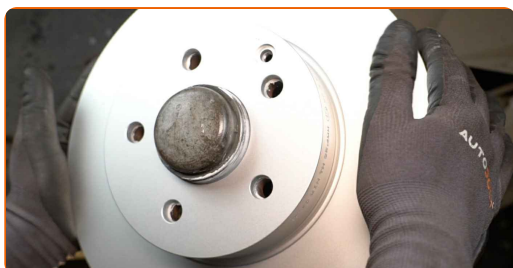
**22** Clean the hub. Use a wire brush. Use all-purpose cleaning spray.



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



**24** Install the brake disc.



**25** Install the fastening bolt.



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



27

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

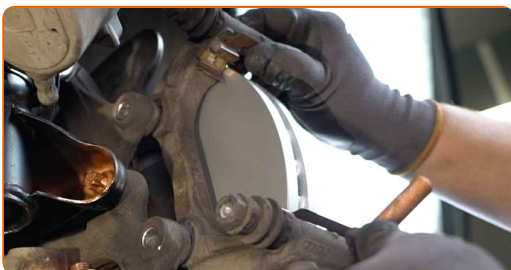


**AUTODOC recommends:**

- Replacement: brake discs – MERCEDES-BENZ E-Class Coupe (C207). After applying the spray, wait a few minutes.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

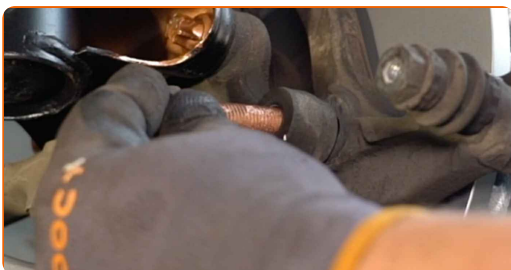
28

Install the brake caliper bracket.



29

Install the fastening bolts.



- 30** Tighten the brake caliper bracket fasteners. Use a combination spanner #18. Use a torque wrench. Tighten it to 115 Nm torque.



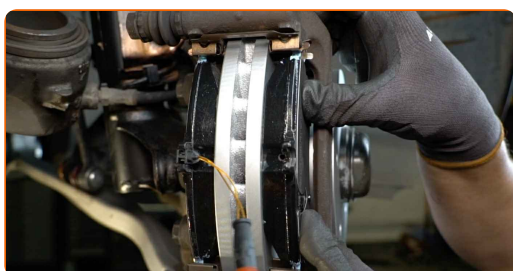
- 31** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



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

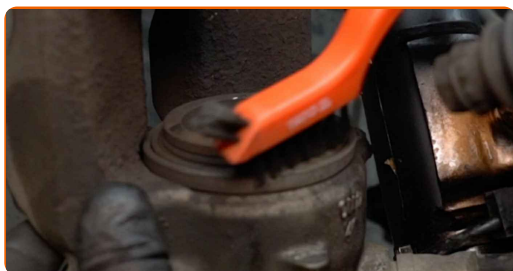
- Make sure the disc surface is clean before installing the pads.

- 32** Install the brake pads.



33

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

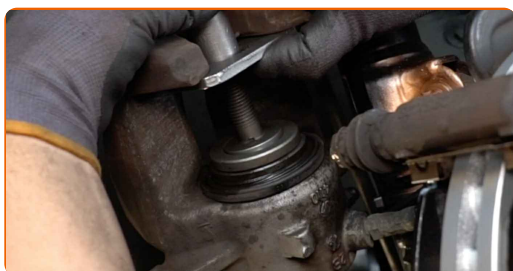


**AUTODOC recommends:**

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

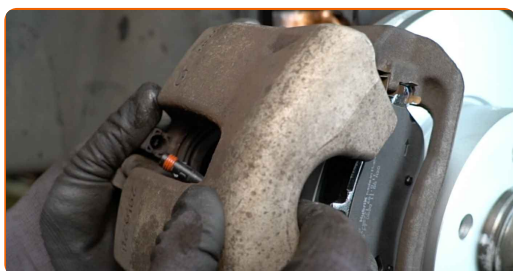
34

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



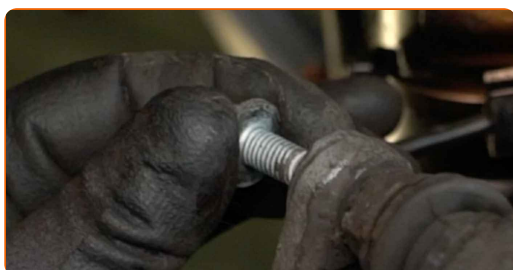
35

Install the brake caliper and fix it.

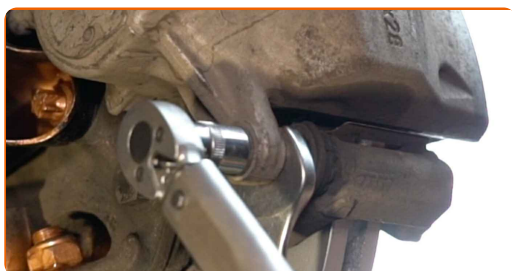


36

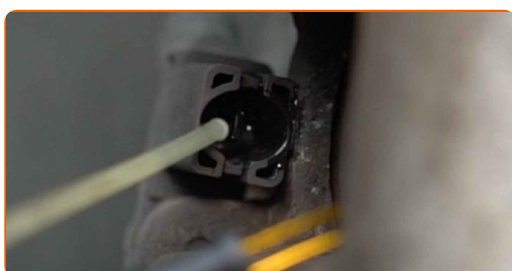
Install the fastening bolts.



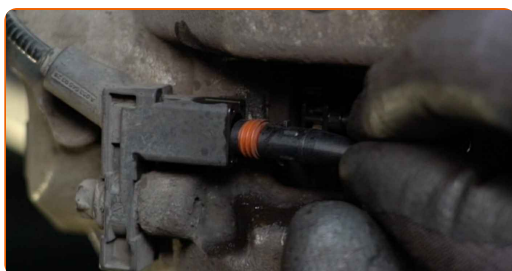
- 37 Tighten the brake caliper fasteners. Use a combination spanner #17. Use a drive socket #13. Use a torque wrench. Tighten it to 34 Nm torque.



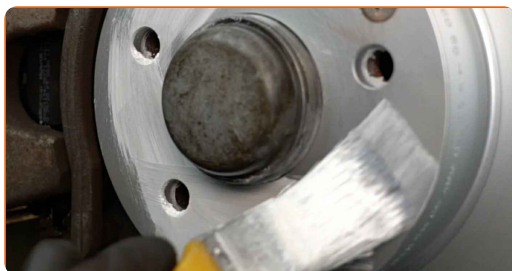
- 38 Treat the brake pad wear sensor plug. Use dielectric grease.



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



- 40 Treat the surface where the brake disc contacts the wheel rim. Use ceramic grease.



41

Clean the brake disk surface. Use a brake cleaner.

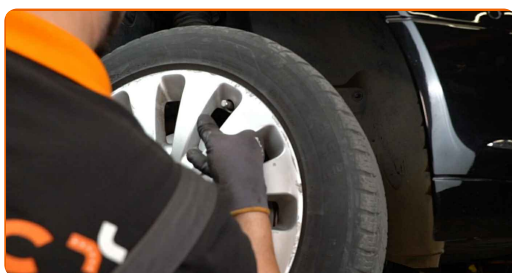


**AUTODOC recommends:**

- After applying the spray, wait a few minutes.

42

Install the wheel.

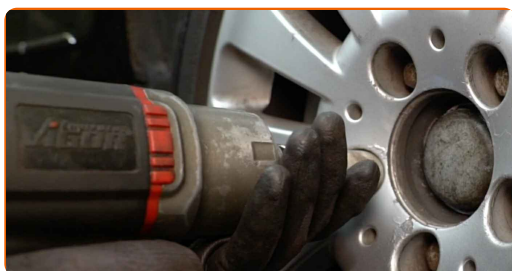


**AUTODOC recommends:**

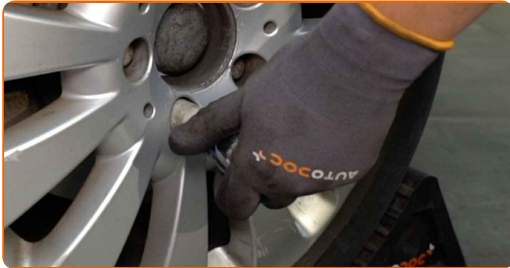
- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. MERCEDES-BENZ E-Class Coupe (C207)

43

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



- 44** 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.



- 45** Remove the jacks and chocks.



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



**46**

Tighten the brake fluid reservoir cap. Close the hood.



**WELL DONE!** 

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