



How to change rear
brake discs on
**MERCEDES-BENZ C-
Class T-modell (S204)** –
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:

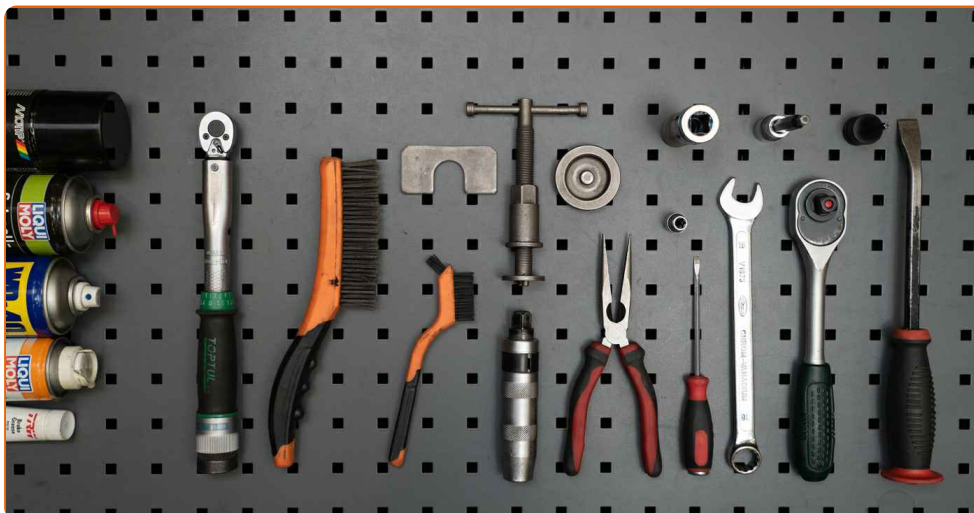
MERCEDES-BENZ C-Class T-modell (S204) C 250 CGI (204.247), MERCEDES-BENZ C-Class T-modell (S204) C 180 CGI (204.249), MERCEDES-BENZ C-Class T-modell (S204) C 250 CDI 4-matic (204.282), MERCEDES-BENZ C-Class T-modell (S204) C 180 CDI (204.200), MERCEDES-BENZ C-Class T-modell (S204) C 180 Kompressor (204.246), MERCEDES-BENZ C-Class T-modell (S204) C 200 Kompressor (204.241), MERCEDES-BENZ C-Class T-modell (S204) C 230 (204.252), MERCEDES-BENZ C-Class T-modell (S204) C 280 (204.254), MERCEDES-BENZ C-Class T-modell (S204) C 200 CDI (204.207), MERCEDES-BENZ C-Class T-modell (S204) C 220 CDI (204.208), MERCEDES-BENZ C-Class T-modell (S204) C 180 Kompressor (204.245), MERCEDES-BENZ C-Class T-modell (S204) C 220 CDI (204.202), MERCEDES-BENZ C-Class T-modell (S204) C 300 (204.254), MERCEDES-BENZ C-Class T-modell (S204) C 200 CGI (204.248), MERCEDES-BENZ C-Class T-modell (S204) C 220 CDI 4-matic (204.284), (+ 2)

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 DISCS – MERCEDES-BENZ C-CLASS T-MODELL (S204). TOOLS YOU 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 #18
- Torx bit E10
- Torx bit T30
- HEX bit no.H7
- Wheel impact socket #17
- Ratchet wrench
- Flat screwdriver
- 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 C-Class T-modell (S204) 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 C-Class T-modell (S204) – 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.

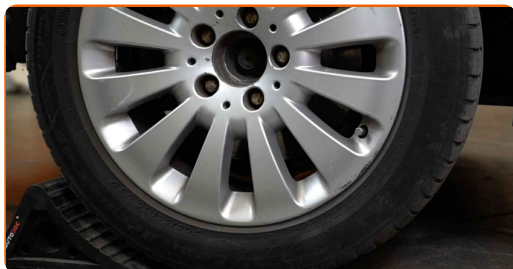
3

Loosen the wheel mounting bolts. Use wheel impact socket #17.



4

Raise the car.

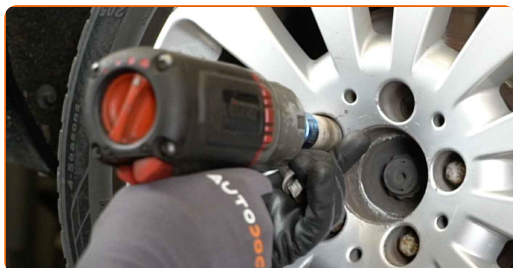


Replacement: brake discs – MERCEDES-BENZ C-Class T-modell (S204).
AUTODOC experts recommend:

- 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

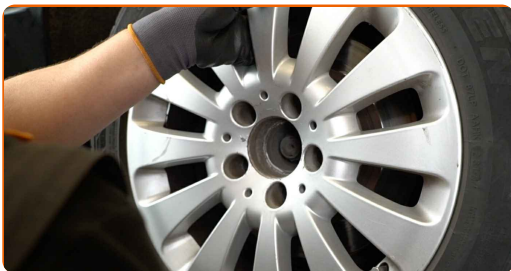
Unscrew the wheel bolts.



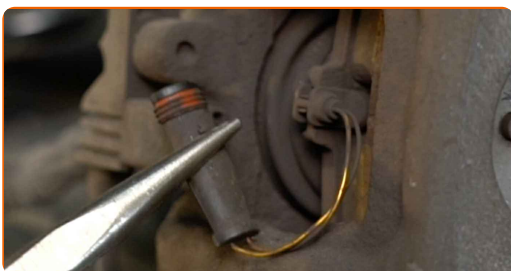
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
MERCEDES-BENZ C-Class T-modell (S204)

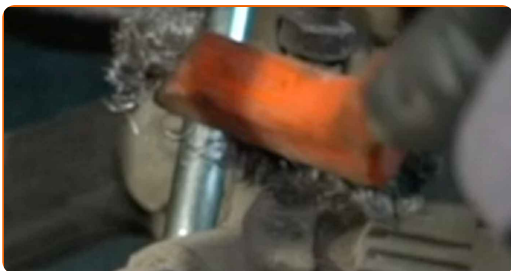
6 Remove the wheel.



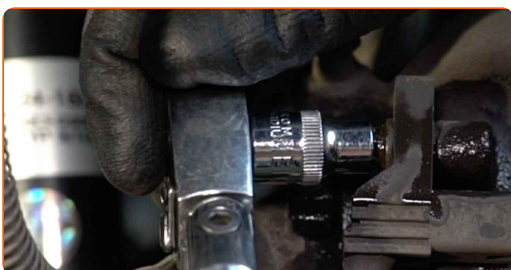
7 Detach the connector of the brake pad wear sensor. Use long nose pliers.



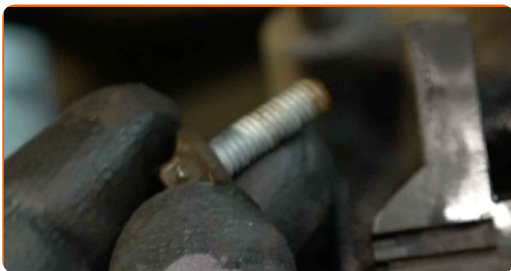
8 Clean the fasteners of the brake pad wear sensor wiring harness. Use a wire brush. Use WD-40 spray.



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



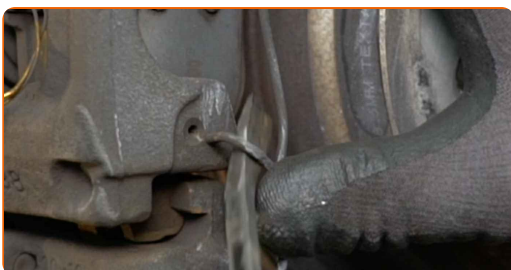
10 Remove the fastening bolt.



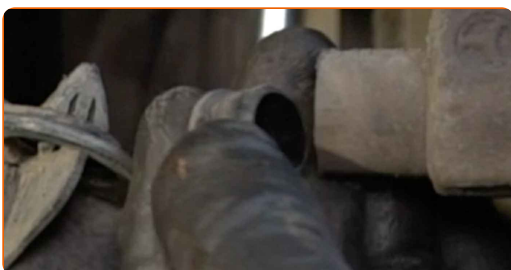
11 Detach the brake pad wear sensor wiring harness.



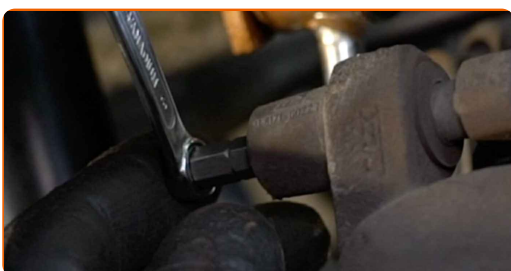
12 Detach the brake caliper retaining spring. Use a crowbar.



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.



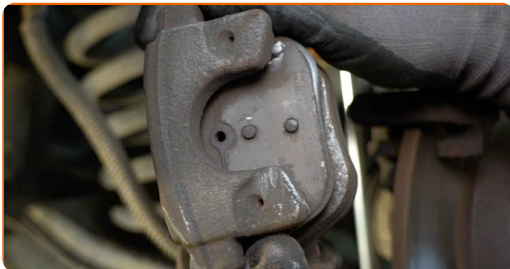
15

Spread the brake pads. Use a crowbar.



16

Remove the brake caliper.

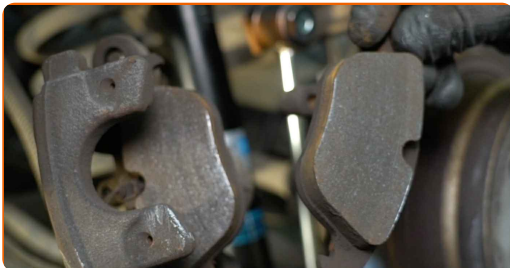


**Replacement: brake discs – MERCEDES-BENZ C-Class T-modell (S204).
AUTODOC experts recommend:**

- 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.



18

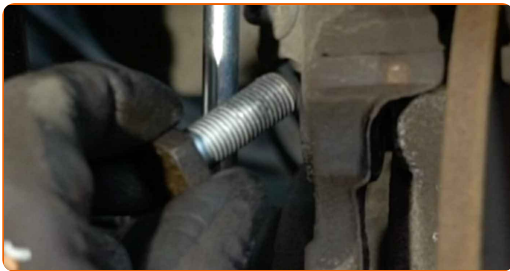
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

**19**

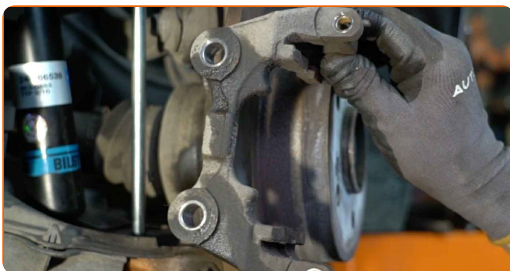
Unscrew the brake caliper bracket fasteners. Use a combination spanner #18.

**20**

Remove the fastening bolts.

**21**

Remove the caliper bracket.



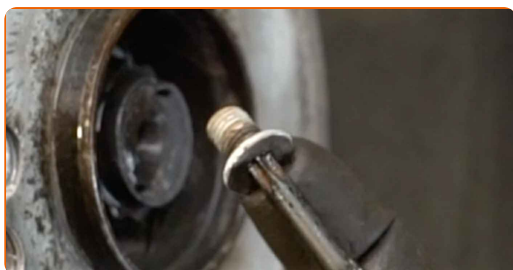
22 Clean the brake disc fastener. Use a wire brush. Use WD-40 spray.



23 Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.



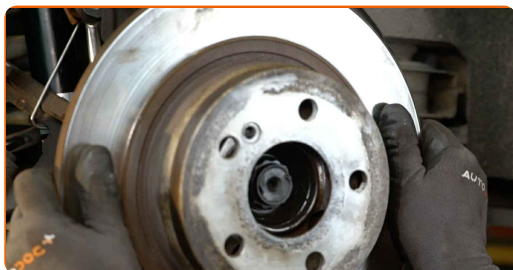
24 Remove the fastening bolt.



25 Release the parking brake adjuster. Use a flat screwdriver.

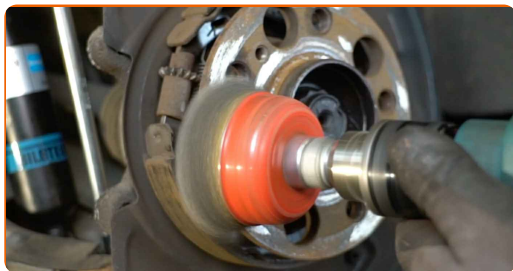


26 Remove the brake disc.



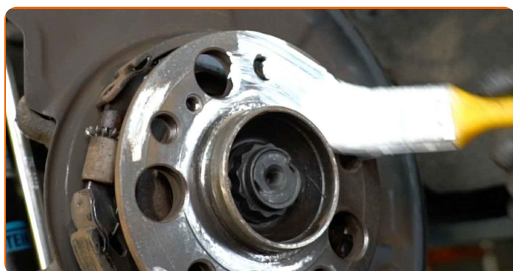
27

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



28

Treat the contacting surface. Use ceramic grease.



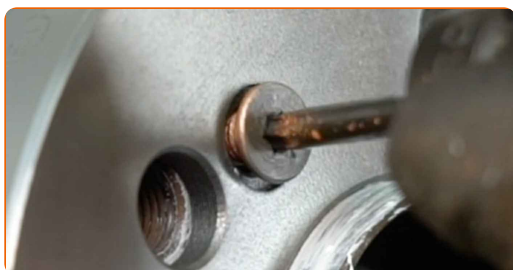
29

Install the brake disc.



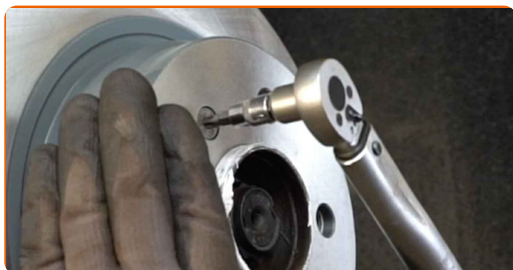
30

Install the fastening bolt.



31

Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 10 Nm torque.



32 Set the parking brake adjuster in the correct position. Use a flat screwdriver.



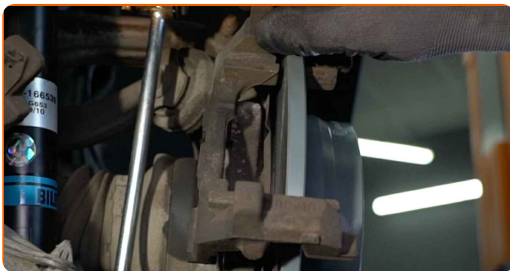
33 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



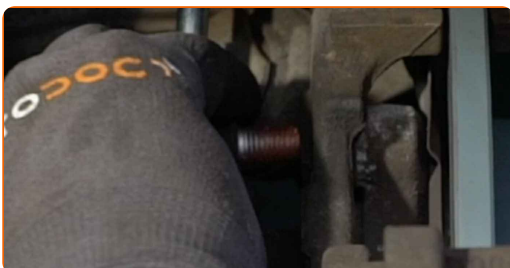
AUTODOC recommends:

- Replacement: brake discs – MERCEDES-BENZ C-Class T-modell (S204). After applying the spray, wait a few minutes.

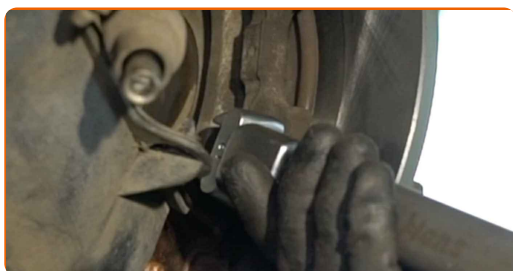
34 Install the brake caliper bracket.



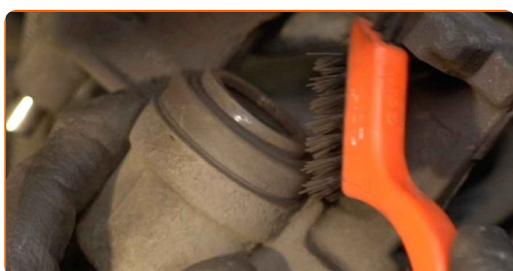
35 Install the fastening bolts.



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



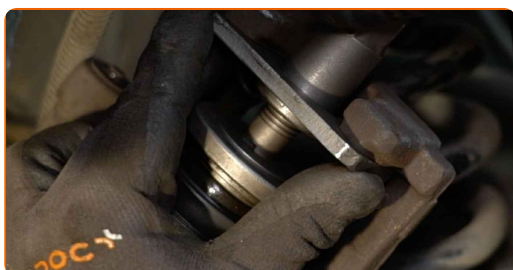
- 37** Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



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.

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



- 39 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 C-Class T-modell (S204).
 AUTODOC experts recommend:

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

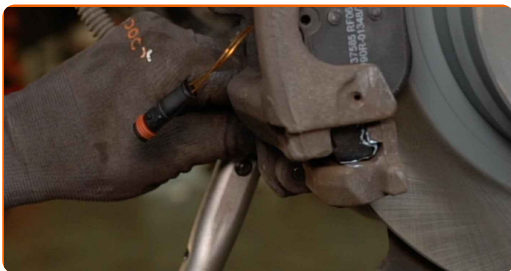
- 40 Install the brake pads.



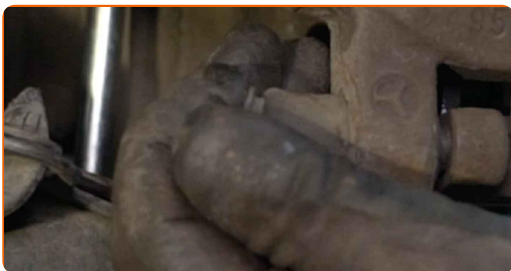
- 41 Install the brake caliper and fix it.



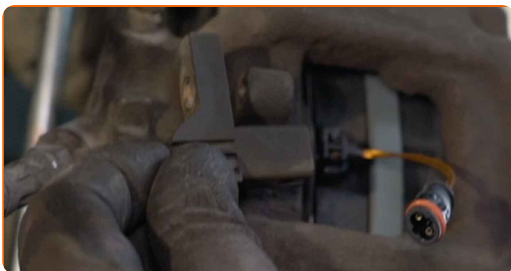
42 Tighten the brake caliper fasteners. Use HEX No.H7. Use a torque wrench. Tighten it to 25 Nm torque.



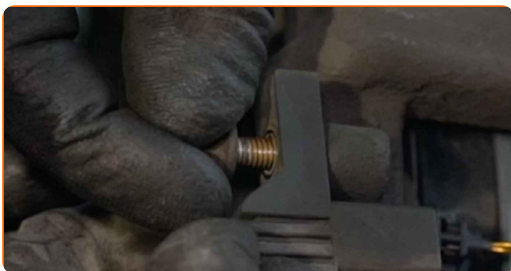
43 Install the dust boot caps of the brake caliper guide pins.



44 Attach the brake pad wear sensor wiring harness.



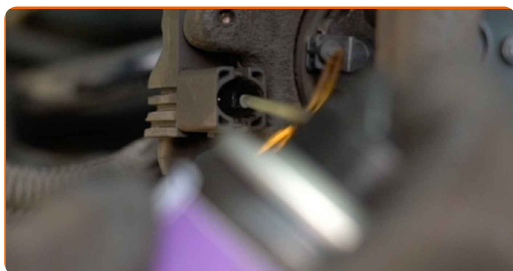
45 Install the fastening bolt.



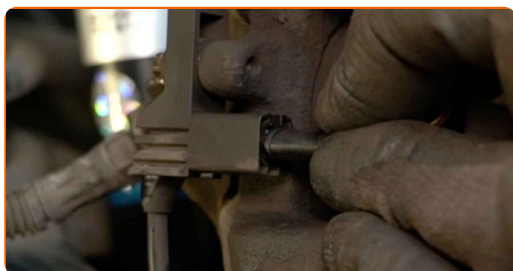
46 Tighten the fasteners of the brake pad wear sensor wiring harness. Use Torx E10. Use a torque wrench. Tighten it to 8 Nm torque.



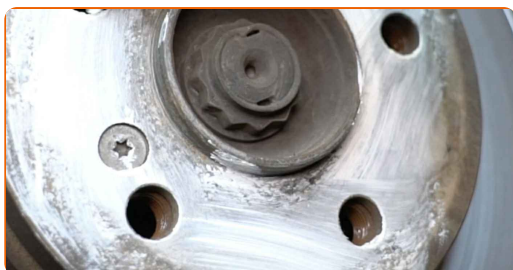
47 Treat the brake pad wear sensor plug. Use dielectric grease.



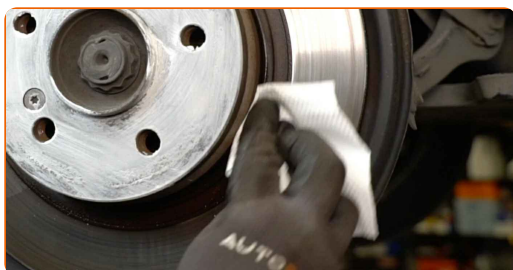
48 Attach the connector of the brake pad wear sensor. Install the brake caliper retaining spring.



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



50 Clean the brake disk surface. Use a brake cleaner.

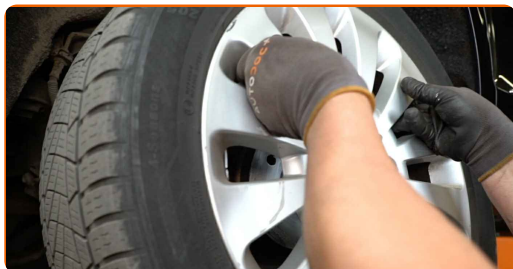


AUTODOC recommends:

- After applying the spray, wait a few minutes.

51

Install the wheel.

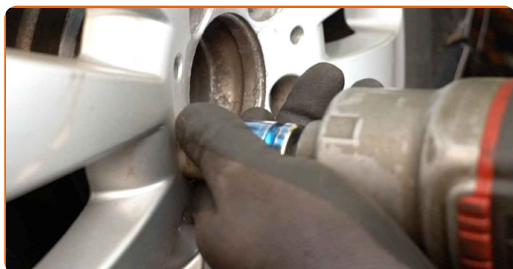


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. MERCEDES-BENZ C-Class T-modell (S204)

52

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



53

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.



54

Remove the jacks and chocks.

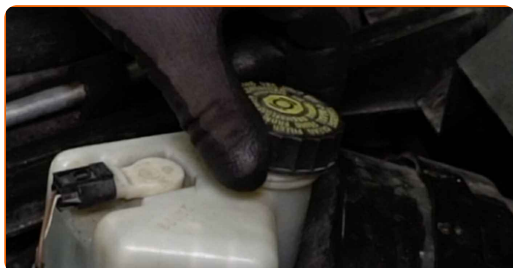


Replacement: brake discs – MERCEDES-BENZ C-Class T-modell (S204).
AUTODOC experts recommend:

- 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.

55

Tighten the brake fluid reservoir cap. Close the hood.



WELL DONE! 

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