



How to change front  
brake discs on  
**MERCEDES-BENZ C-  
Class T-modell (S203)** –  
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 (S203) C 220 CDI (203.208), MERCEDES-BENZ C-Class T-modell (S203) C 200 Kompressor (203.245), MERCEDES-BENZ C-Class T-modell (S203) C 200 CDI (203.204), MERCEDES-BENZ C-Class T-modell (S203) C 220 CDI (203.206), MERCEDES-BENZ C-Class T-modell (S203) C 180 (203.235), MERCEDES-BENZ C-Class T-modell (S203) C 240 (203.261), MERCEDES-BENZ C-Class T-modell (S203) C 200 CDI (203.204, 203.207), MERCEDES-BENZ C-Class T-modell (S203) C 180 Kompressor (203.246), MERCEDES-BENZ C-Class T-modell (S203) C 200 Kompressor (203.242), MERCEDES-BENZ C-Class T-modell (S203) C 200 CGI Kompressor (203.243), MERCEDES-BENZ C-Class T-modell (S203) C 200 CDI (203.207), MERCEDES-BENZ C-Class T-modell (S203) C 230 Kompressor (203.240), MERCEDES-BENZ C-Class T-modell (S203) C 230 (203.252)

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 (W203) C 240 (203.061)

REPLACEMENT: BRAKE DISCS – MERCEDES-BENZ C-CLASS T-MODELL (S203). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Drive socket # 12
- Drive socket # 18
- Torx bit T30
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Tap wrench
- Impact screwdriver
- Crow bar
- Round-nose pliers
- Wheel chock

**Buy tools**

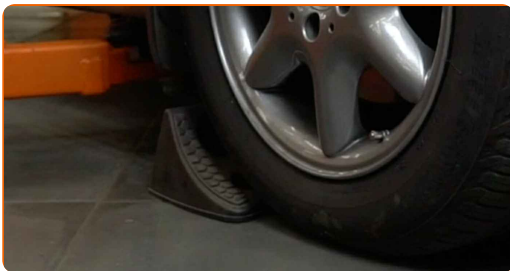
Replacement: brake discs – MERCEDES-BENZ C-Class T-modell (S203). Tip from AUTODOC:

- Replace the brake disks on the car MERCEDES-BENZ C-Class T-modell (S203) 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.
- All work should be done with the engine stopped.

**REPLACEMENT: BRAKE DISCS – MERCEDES-BENZ C-CLASS T-MODELL (S203). RECOMMENDED SEQUENCE OF STEPS:**

**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 front of the car and secure on supports.

**5** Unscrew the wheel bolts.



Replacement: brake discs – MERCEDES-BENZ C-Class T-modell (S203). Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

**6** Remove the wheel.

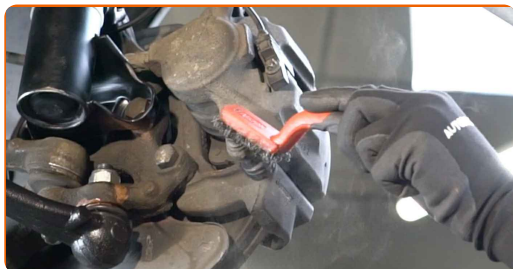


**7** Detach the connector of the brake pad wear sensor. Use round-nose pliers.



8

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



9

Unscrew the brake caliper fastening. Use a drive socket #12. Use a ratchet wrench.



10

Spread the brake pads. Use a crowbar.



11

Remove the brake caliper.

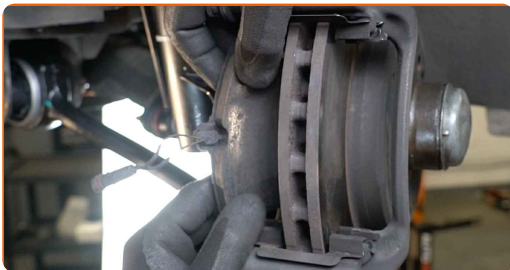


Replacement: brake discs – MERCEDES-BENZ C-Class T-modell (S203).  
Professionals recommend:

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

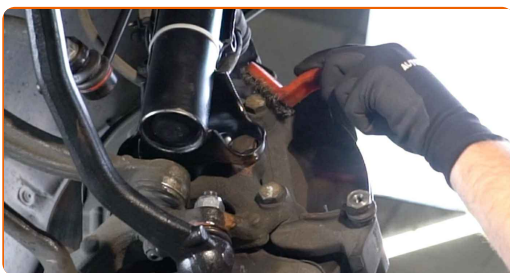
12

Remove the brake pads.



13

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



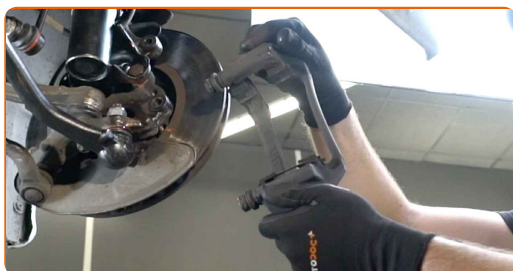
14

Unscrew the caliper bracket fastening. Use a drive socket #18. Use a tap wrench. Use a ratchet wrench.



15

Remove the caliper bracket.



16

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



17

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





**18** Remove the brake disc.



**19** Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



**20** Install the brake disc.



**21** Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.



22

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 (S203). After applying the spray, wait a few minutes.

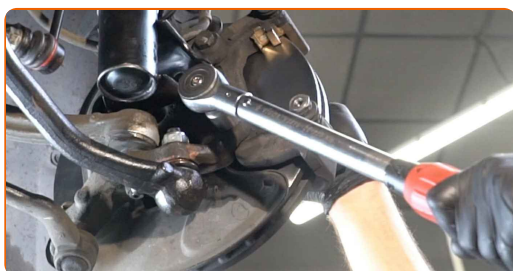
23

Install the brake caliper bracket.



24

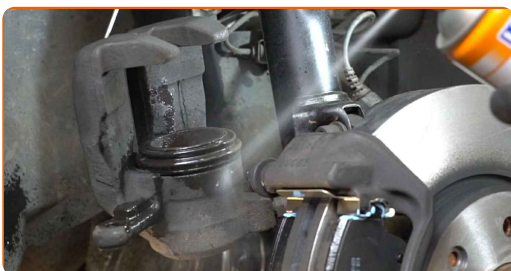
Tighten the brake caliper bracket. Use a drive socket #18. Use a torque wrench. Tighten it to 115 Nm torque.



**25** Install the brake pads.



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



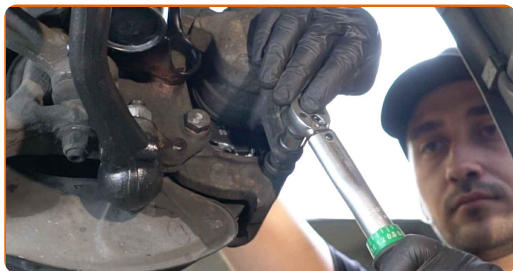
Replacement: brake discs – MERCEDES-BENZ C-Class T-modell (S203).  
AUTODOC recommends:

- After applying the spray, wait a few minutes.

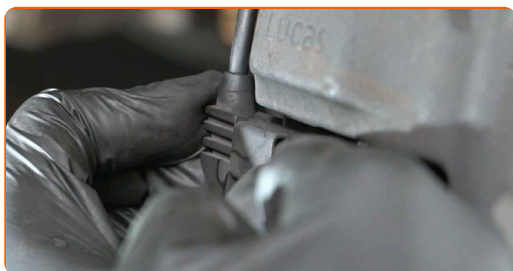
**27** Press in the brake caliper piston. Use brake caliper wind back tool.



**28** Install the brake caliper and fix it. Use a drive socket #12. Use a torque wrench. Tighten it to 25 Nm torque.



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



**30** Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



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



**AUTODOC recommends:**

- After applying the spray, wait a few minutes.

**32** Install the wheel.



Replacement: brake discs – MERCEDES-BENZ C-Class T-modell (S203). Tip from AUTODOC:

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

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



**34** 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.



35

Remove the jacks and chocks.



**AUTODOC recommends:**

- Important! Replacement: brake discs – MERCEDES-BENZ C-Class T-modell (S203). Check the brake fluid level in the reservoir and top up if necessary.

36

Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake discs – MERCEDES-BENZ C-Class T-modell (S203).  
AUTODOC experts recommend:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

**WELL DONE!** 

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**BRAKE DISCS: A WIDE SELECTION**

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