



How to change lambda  
sensor on **MERCEDES-  
BENZ C-Class Coupe  
(CL203)** – 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 Coupe (CL203) C 180 (203.735), MERCEDES-BENZ C-Class Coupe (CL203) C 200 Kompressor (203.745), MERCEDES-BENZ C-Class Coupe (CL203) C 230 Kompressor (203.747), MERCEDES-BENZ C-Class Coupe (CL203) C 320 (203.764)

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: LAMBDA SENSOR – MERCEDES-BENZ C-CLASS COUPE (CL203). TOOLS YOU NEED:**



- Wire brush
- WD-40 spray
- Electronic spray
- High-temperature ceramic grease
- Torque wrench
- Combination spanner #22
- Drive socket # 8
- 22-mm oxygen sensor socket
- Ratchet wrench
- Thread tap
- Fender cover

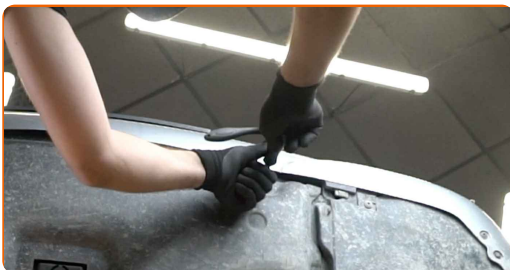
**Buy tools**

Replacement: lambda sensor – MERCEDES-BENZ C-Class Coupe (CL203).  
AUTODOC experts recommend:

- After replacing the oxygen sensor, clear the trouble code from the electronic control unit and let the ECU adapt itself to the new sensor.
- All work should be done with the engine stopped.

## REPLACEMENT: LAMBDA SENSOR – MERCEDES-BENZ C-CLASS COUPE (CL203). RECOMMENDED SEQUENCE OF STEPS:

- 1 Before getting down to work, start the engine and let it warm up to operating temperature.
- 2 Open the bonnet.
- 3 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.
- 4 Shut off the engine.
- 5 Lift the car using a jack or place it over an inspection pit.
- 6 Undo the fasteners of the oil pan lower cover. Use a drive socket #8. Use a ratchet wrench.



**7** Remove the oil pan cover.



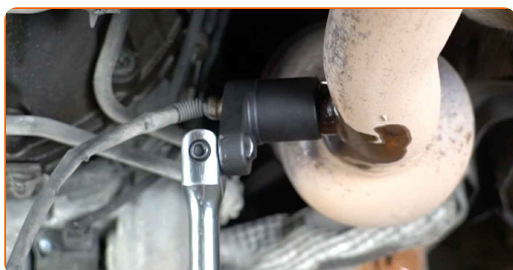
**8** Detach the oxygen sensor connector.



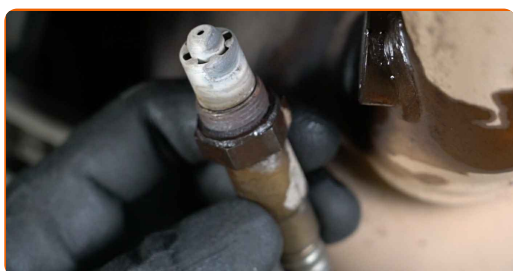
**9** Clean the oxygen sensor fastener. Use a wire brush. Use WD-40 spray.



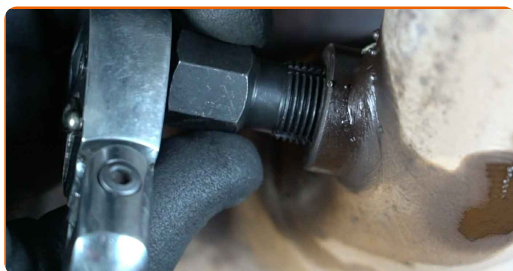
**10** Unscrew the oxygen sensor fastener. Use a 22-mm oxygen sensor socket. Use a ratchet wrench.



**11** Remove the oxygen sensor.



**12** Cut the thread for the new oxygen sensor. Use a thread tap. Use a ratchet wrench.



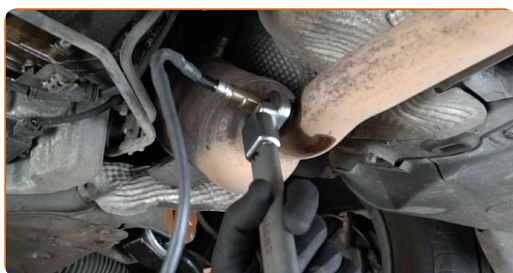
**13** Treat the oxygen sensor. Use high-temperature ceramic grease.



**14** Install the new oxygen sensor.



**15** Tighten the oxygen sensor fastener. Use a combination spanner #22. Use a torque wrench. Tighten it to 51 Nm torque.



**16** Treat the oxygen sensor connector. Use dielectric grease.



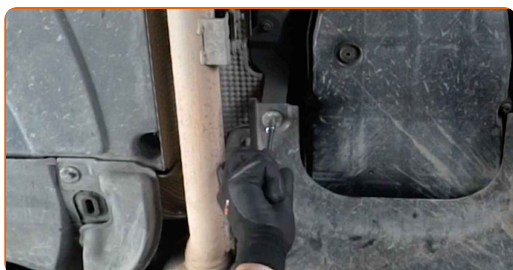
**17** Attach the oxygen sensor connector.



**18** Reinstall the oil pan lower cover.



**19** Tighten the fasteners of the oil pan lower cover. Use a drive socket #8. Use a ratchet wrench.



**20** Lower the car.

**21** Switch on the ignition. This is necessary in order to make sure that the component operates properly.

**22** Switch off the ignition.

**23** Remove the fender protection cover.

24

Close the hood.

**WELL DONE!** 

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