



How to change lambda  
sensor on **MERCEDES-  
BENZ SPRINTER 3-t  
Platform/Chassis (903)** –  
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 SPRINTER 3-t Platform/Chassis (903) 314 2.3, MERCEDES-BENZ SPRINTER 3-t Platform/Chassis (903) 314 NGT 2.3

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 SPRINTER 3-T PLATFORM/CHASSIS (903). 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 SPRINTER 3-t Platform/Chassis (903). 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 SPRINTER 3-T PLATFORM/CHASSIS (903). RECOMMENDED SEQUENCE OF STEPS:**

**1** Before getting down to work, start the engine and let it warm up to operating temperature.

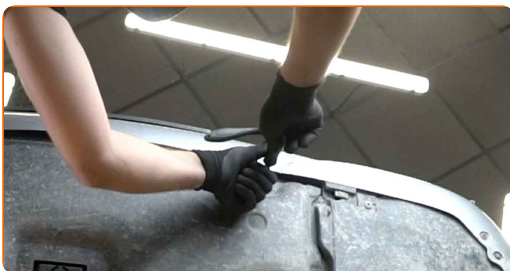
**2** Open the bonnet.

**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.



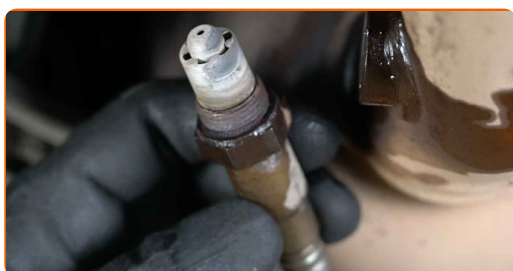
**9** Clean the oxygen sensor fastener. Use a wire brush. Use WD-40 spray.



**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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