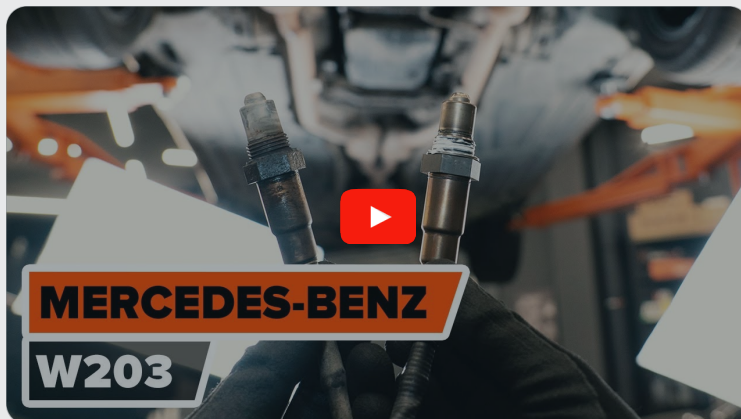




How to change lambda
sensor on **MERCEDES-
BENZ SPRINTER 3-t Bus
(903)** – replacement
guide

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 Bus (903) 314 2.3, MERCEDES-BENZ SPRINTER 3-t Bus (903) 314 NGT 2.3, MERCEDES-BENZ SPRINTER 3-t Bus (903) 314 2.3 4x4

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 BUS (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

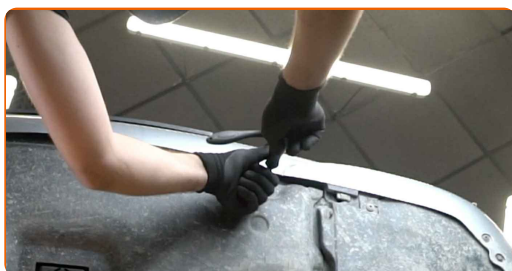
[Buy tools](#)

Replacement: lambda sensor – MERCEDES-BENZ SPRINTER 3-t Bus (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 BUS (903). RECOMMENDED SEQUENCE OF STEPS:

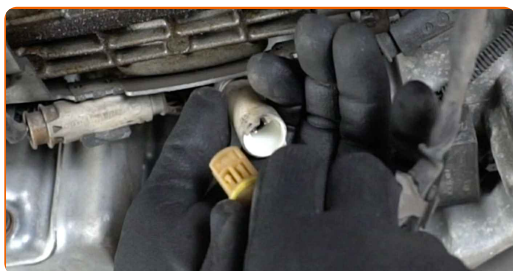
- 1 Before getting down to work, start the engine and let it warm up to operating temperature.
- 2 Open the bonnet.
- 3 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.
- 4 Shut off the engine.
- 5 Lift the car using a jack or place it over an inspection pit.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



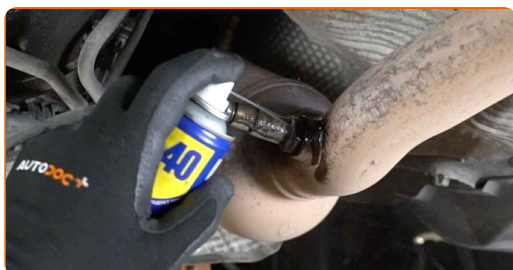
7 Remove the oil pan cover.



8 Detach the oxygen sensor connector.



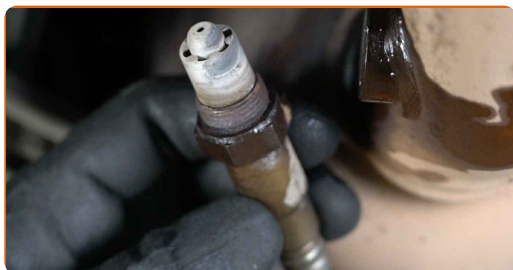
9 Clean the oxygen sensor fastener. Use a wire brush. Use WD-40 spray.



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



11 Remove the oxygen sensor.



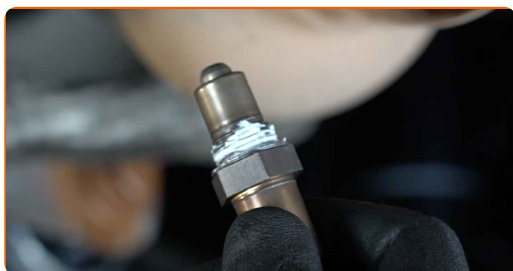
12

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



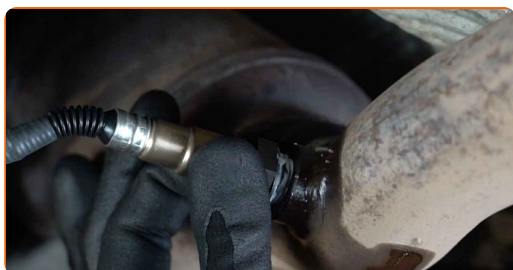
13

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



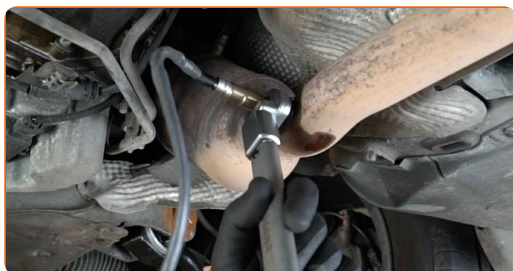
14

Install the new oxygen sensor.



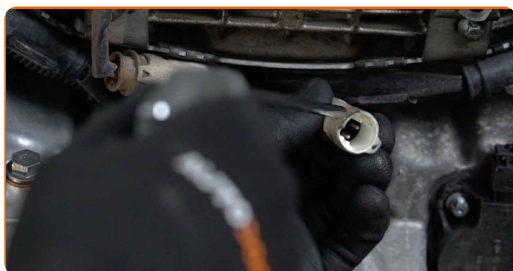
15

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

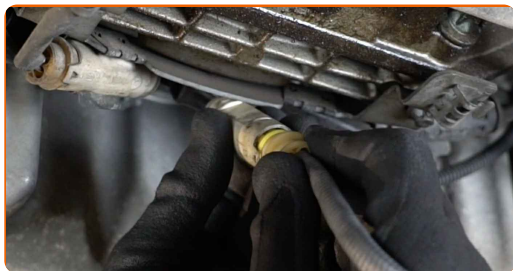


16

Treat the oxygen sensor connector. Use dielectric grease.



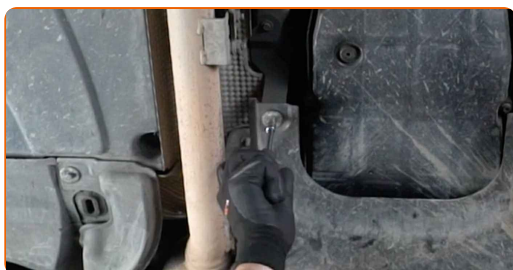
- 17 Attach the oxygen sensor connector.



- 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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LAMBDA SENSOR: A WIDE SELECTION

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