



How to change spark  
plugs 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

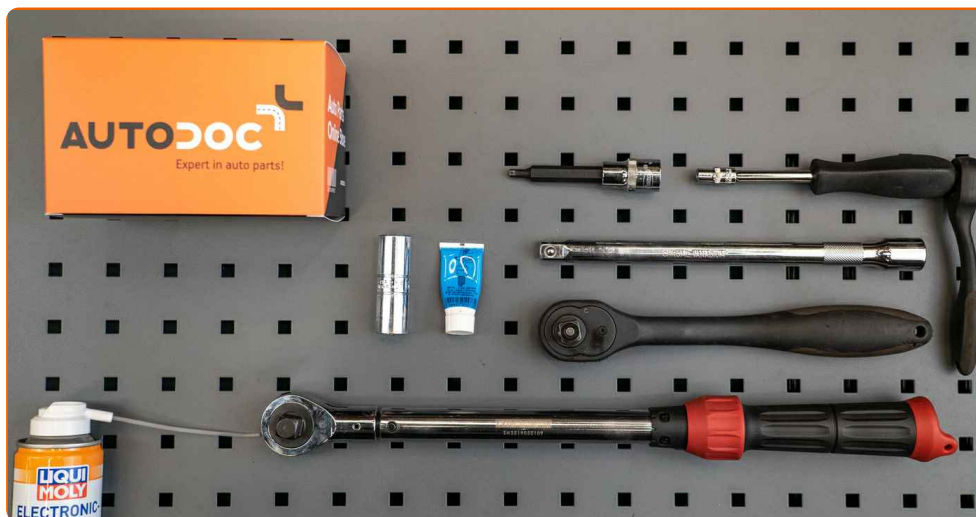
### Important!

This replacement procedure can be used for:  
MERCEDES-BENZ C-Class T-modell (S203) C 200 Kompressor (203.245), MERCEDES-BENZ C-Class T-modell (S203) C 180 (203.235)

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 200 Kompressor (203.045)

REPLACEMENT: SPARK PLUGS – MERCEDES-BENZ C-CLASS T-MODELL (S203). TOOLS YOU MIGHT NEED:



- Electronic spray
- HEX bit No.HW5.
- Drive socket # E8
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- High-temperature anti-seize lubricant
- Fender cover

**Buy tools**

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

- The replacement procedure is the same for all spark plugs.
- Warning! Shut down the engine before starting any work – MERCEDES-BENZ C-Class T-modell (S203).

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**1** Open the hood.

**2** Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

**3** Undo the engine cover screws (3 pieces). Use HEX No.HW5.



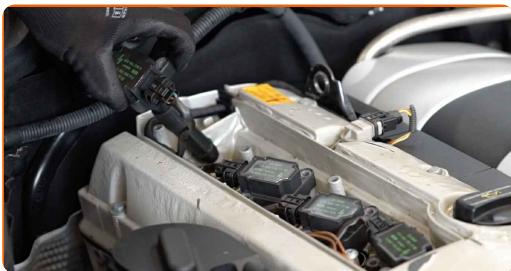
**4** Remove the engine cover.



**5** Unscrew the fasteners of the ignition coils. Use a drive socket #E8.



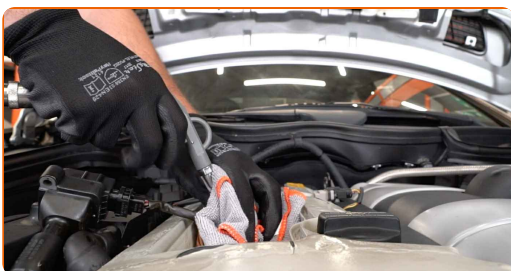
**6** Take out the ignition coils from the spark plug wells.



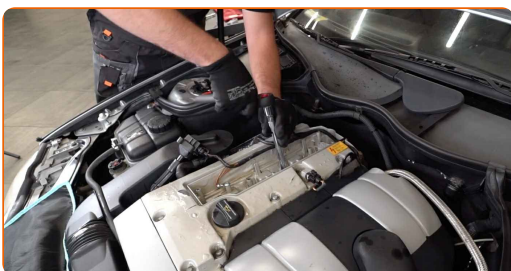
Replacement: spark plugs – MERCEDES-BENZ C-Class T-modell (S203). Tip from AUTODOC:

- Remember the sequence of steps for ignition coil demounting.

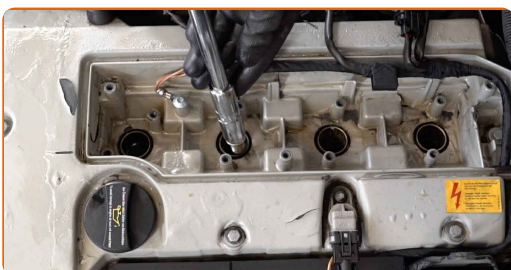
**7** Clean dirt, dust and debris from inside the spark plug wells.



**8** Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.



**9** Take out the spark plugs.



**10**

Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs. Treat the surface of the terminals of the new spark plugs. Use electronic spray.



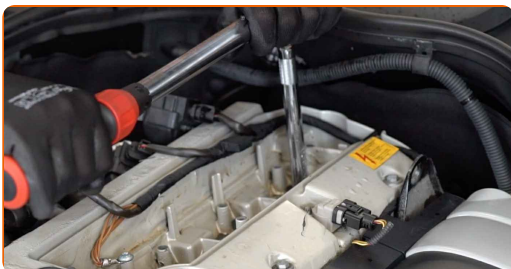
**11**

Install the new spark plugs into their mounting seats.



**12**

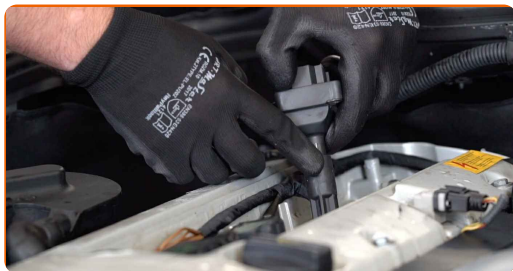
Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 28 nm torque.



**Replacement: spark plugs – MERCEDES-BENZ C-Class T-modell (S203).  
Professionals recommend:**

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

**13** Install the ignition coils to the spark plug wells. Make sure you hear a click indicating that it is locked in place.



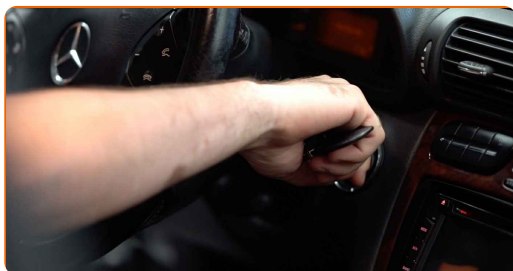
**AUTODOC recommends:**

- Replacement: spark plugs – MERCEDES-BENZ C-Class T-modell (S203). Follow the installation steps.

**14** Tighten the fasteners of the ignition coils. Use a drive socket #E8. Use a torque wrench. Tighten it to 9 Nm torque.



**15** Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

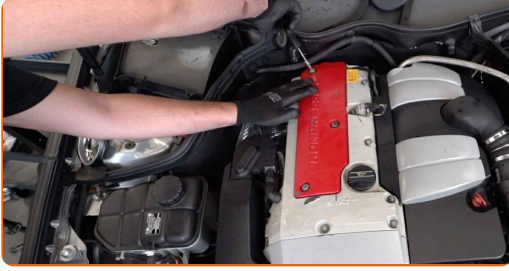


**16** Shut off the engine.



**17**

Install the engine cover and secure it. Use HEX No.HW5. Use a ratchet wrench.

**18**

Remove the fender protection cover.

**19**

Close the hood.

**WELL DONE!** 

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**SPARK PLUGS: A WIDE SELECTION**

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