



How to change spark  
plugs on **OPEL Signum**  
**CC (Z03)** – 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:

OPEL Signum CC (Z03) 2.2 direct (F48), OPEL Signum CC (Z03) 1.8 (F48)

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: OPEL Astra G CC (T98) 1.2 16V (F08, F48)

REPLACEMENT: SPARK PLUGS – OPEL SIGNUM CC (Z03). TOOLS YOU MIGHT NEED:



- High-temperature anti-seize lubricant
- Electronic spray
- Torx bit T30
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Flat screwdriver
- Crow bar
- Fender cover

**Buy tools**

Replacement: spark plugs – OPEL Signum CC (Z03). Professionals recommend:

- The replacement procedure is the same for all spark plugs.
- Warning! Shut down the engine before starting any work – OPEL Signum CC (Z03).

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

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

**2** Remove the engine cover.



**3** Detach the connector from the ignition coil. Use a flat screwdriver.



**4** Unscrew the ignition coil bracket. Use Torx T30. Use a ratchet wrench.



5 Pry up the ignition coil. Use a crowbar.



6 Take out the ignition coil from the spark plug well.



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.

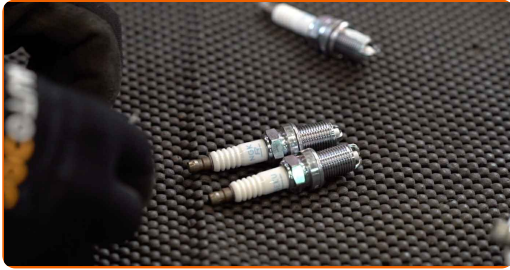


9 Take out the spark plugs.



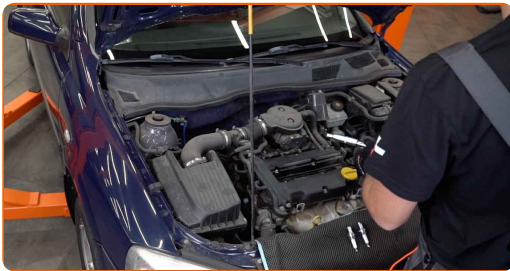
**10**

Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



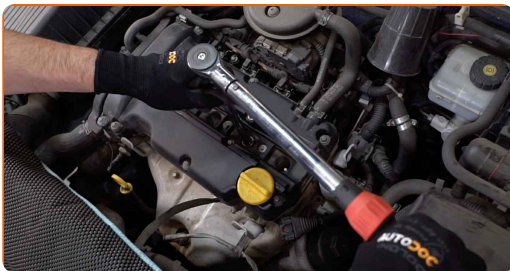
**11**

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 24 nm torque.



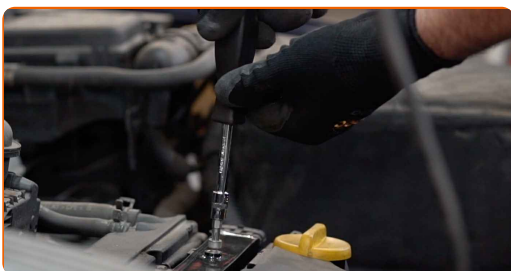
Replacement: spark plugs – OPEL Signum CC (Z03). AUTODOC recommends:

- 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.

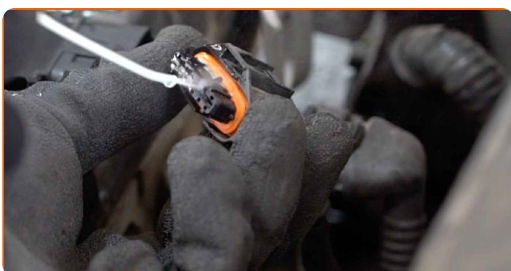
**13** Install the ignition coil to the spark plug well. Make sure you hear a click indicating that it is locked in place.



**14** Tighten the ignition coil fastening. Use Torx T30. Use a torque wrench. Tighten it to 15 nm torque.



**15** Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.



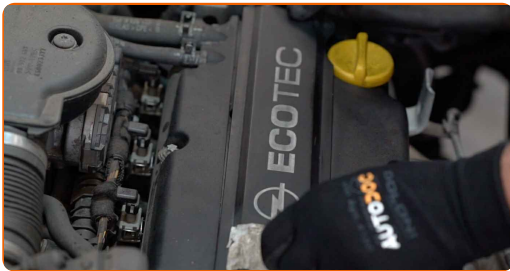
**Replacement: spark plugs – OPEL Signum CC (Z03). Tip:**

- After applying the spray, wait a few minutes.

**16** Plug in the ignition coil connector.



**17** Install the engine cover and secure it. Make sure you hear a click indicating that it is locked in place.



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

**19** Remove the fender protection cover.

**20** Close the hood.

**WELL DONE!** 

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