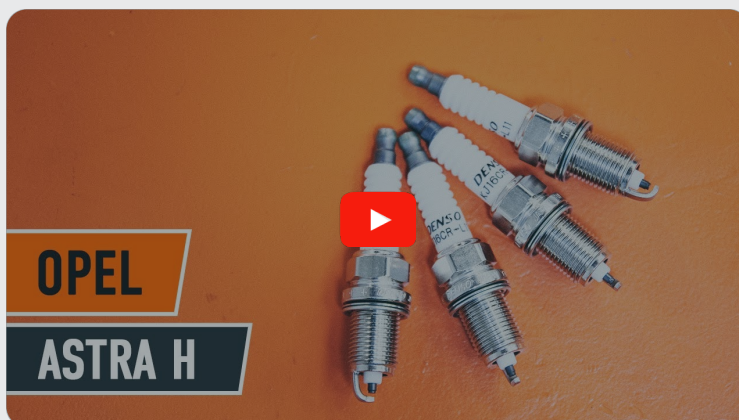




How to change spark  
plugs on **VAUXHALL**  
**Signum (Z03)** –  
replacement guide

## 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:  
VAUXHALL Signum (Z03) 1.8

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 H Saloon (A04) 1.6 (L69)

REPLACEMENT: SPARK PLUGS – VAUXHALL SIGNUM (Z03). TOOLS YOU NEED:



- Electronic spray
- High-temperature anti-seize lubricant
- Torque wrench
- Spark plug socket # 16
- Torx bit T40
- Ratchet wrench
- Crow bar
- Fender cover

**Buy tools**

Replacement: spark plugs – VAUXHALL Signum (Z03). Tip from AUTODOC:

- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

## REPLACEMENT: SPARK PLUGS – VAUXHALL SIGNUM (Z03). RECOMMENDED SEQUENCE OF STEPS:

1

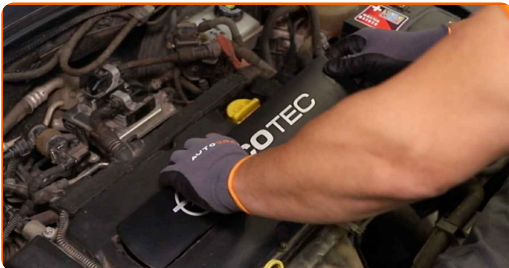
Open the hood.

2

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

3

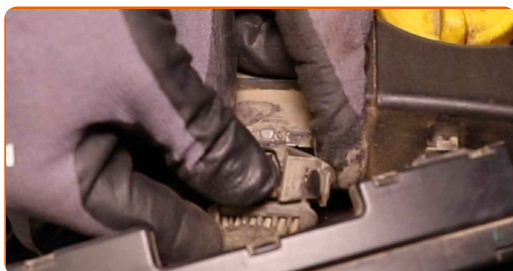
Remove the engine cover.



### AUTODOC recommends:

- Replacement: spark plugs – VAUXHALL Signum (Z03). Do not use excessive force when removing the part as this may damage it.

**4** Detach the connector from the ignition coil.



**5** Unscrew the ignition coil bolts. Use Torx T40. Use a ratchet wrench.



**6** Pry up the ignition coil. Use a crowbar.

**7** Take out the ignition coil from the spark plug well.

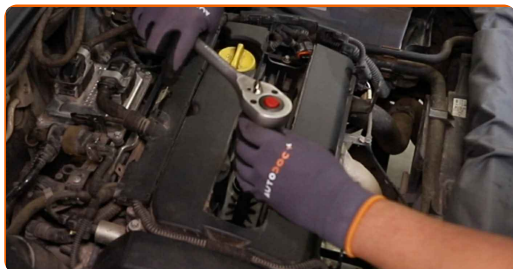


**8** Clean dirt, dust and debris from inside the spark plug wells.



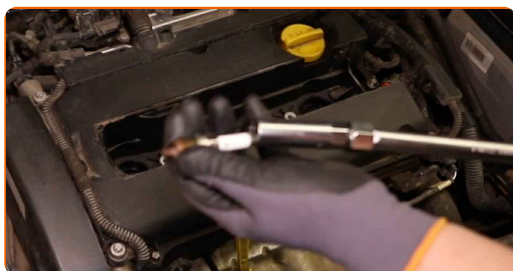
9

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



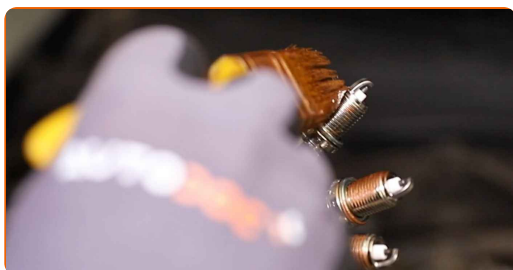
10

Take out the spark plugs.



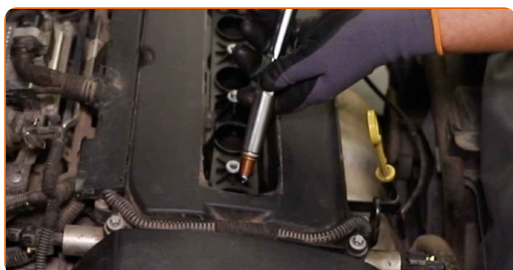
11

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



12

Install the new spark plugs into their mounting seats.



**13**

Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 25 nm torque.



**Replacement: spark plugs – VAUXHALL Signum (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.

**14**

Install the ignition coil to the spark plug well.



**15**

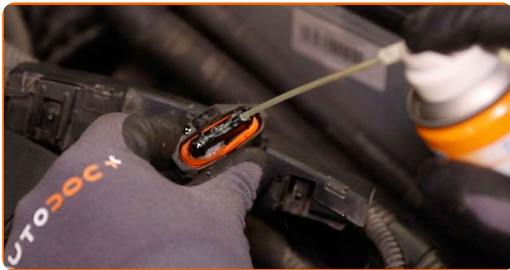
Tighten the ignition coil bolts. Use Torx T40. Use a torque wrench. Tighten it to 7 nm torque.





**16**

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



**AUTODOC recommends:**

- Replacement: spark plugs – VAUXHALL Signum (Z03). After applying the spray, wait a few minutes.

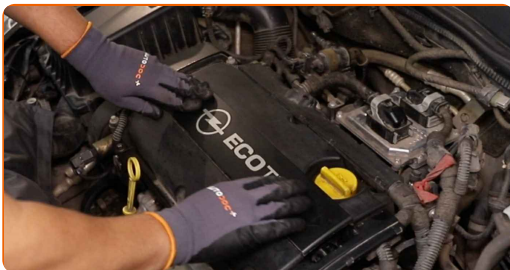
**17**

Plug in the ignition coil connector.



**18**

Install the engine cover and secure it.



**Replacement: spark plugs – VAUXHALL Signum (Z03). AUTODOC recommends:**

- When installing, do not use excessive force to avoid damage to the part.



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

**20** Shut off the engine.

**21** Remove the fender protection cover.

**22** Close the hood.

**WELL DONE!** 

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**SPARK PLUGS: A WIDE SELECTION**

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