



How to change spark  
plugs on **VAUXHALL**  
**Insignia Mk I (A) Saloon**  
**(G09)** – 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 Insignia Mk I (A) Saloon (G09) 1.8, VAUXHALL Insignia Mk I (A) Saloon (G09) 1.6

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 ZAFIRA B (A05) 1.8 (M75)

REPLACEMENT: SPARK PLUGS – VAUXHALL INSIGNIA MK I (A) SALOON (G09). TOOLS YOU MIGHT NEED:



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

**Buy tools**

Replacement: spark plugs – VAUXHALL Insignia Mk I (A) Saloon (G09). Tip from AUTODOC:

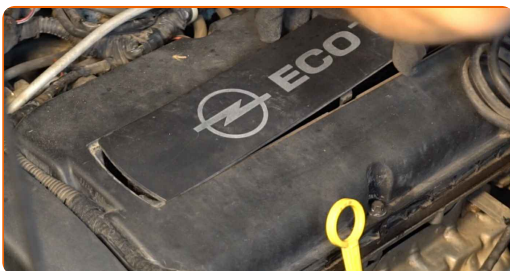
- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

## REPLACEMENT: SPARK PLUGS – VAUXHALL INSIGNIA MK I (A) SALOON (G09). USE THE FOLLOWING PROCEDURE:

**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.



Replacement: spark plugs – VAUXHALL Insignia Mk I (A) Saloon (G09). Tip:

- Raise the engine cover, holding it on two sides simultaneously.

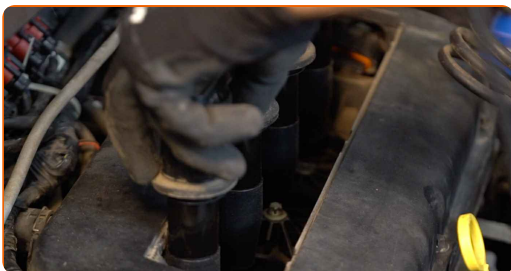
4 Detach the connector from the ignition coil.



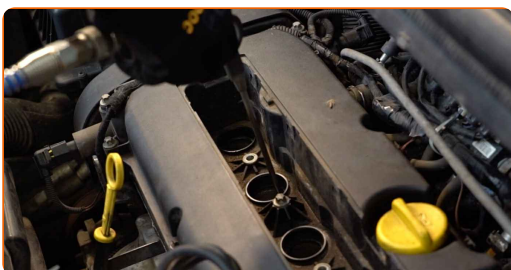
5 Unscrew the ignition coil bracket. Use Torx T40. Use a ratchet wrench.



6 Pry up the ignition coil. Use a crowbar. Take out the ignition coil from the spark plug well.

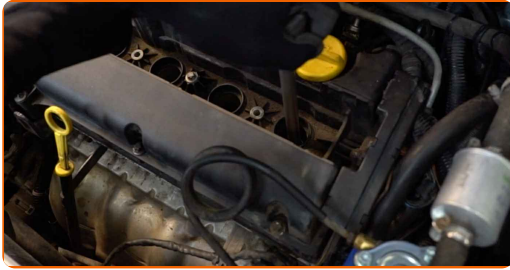


7 Clean dirt, dust and debris from inside the spark plug wells.



8

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



9

Take out the spark plugs. Use a telescoping magnet.



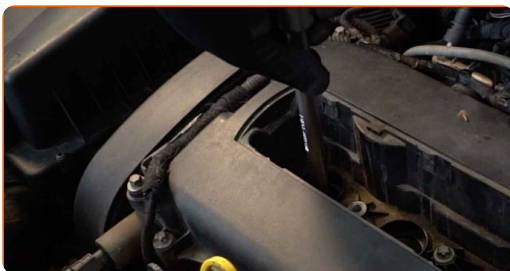
10

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



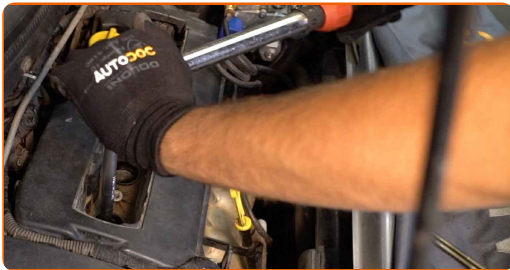
11

Install the new spark plugs into their mounting seats. Use the spark plug socket #16.



**12**

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

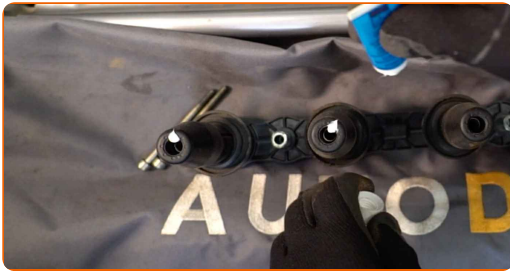


**Replacement: spark plugs – VAUXHALL Insignia Mk I (A) Saloon (G09).  
AUTODOC experts recommend:**

- 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.

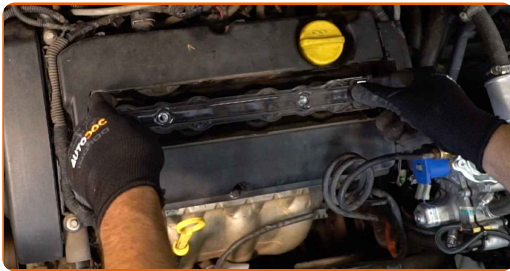
**13**

Treat the ignition coil tips. Use high-temperature grease. Use a flat screwdriver.



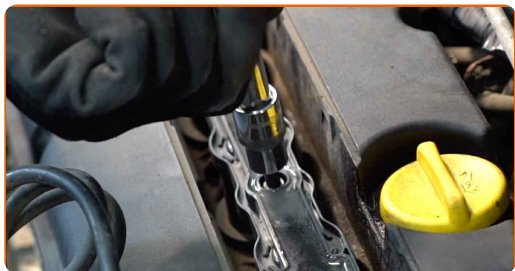
**14**

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

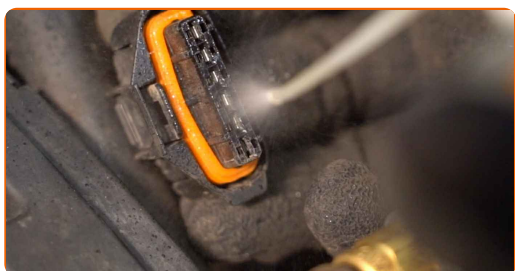




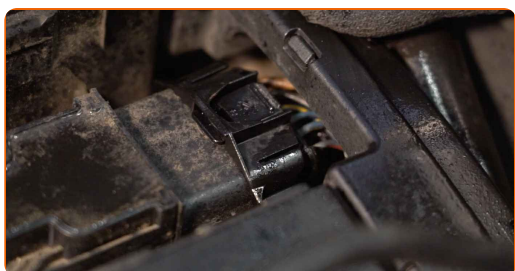
**15** Tighten the ignition coil fastening. Use Torx T40. Use a ratchet wrench.



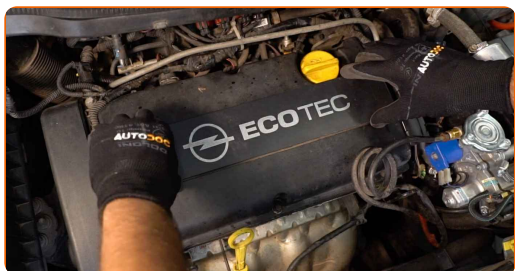
**16** Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.



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



**18** Install the engine cover and secure it.





Replacement: spark plugs – VAUXHALL Insignia Mk I (A) Saloon (G09).  
 AUTODOC recommends:

- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.

**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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