



How to change spark
plugs on **VAUXHALL**
Ampera (R12) –
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 Ampera (R12) 1.4 EV 150

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 AMPERA (R12). 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 Ampera (R12). 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 AMPERA (R12). 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

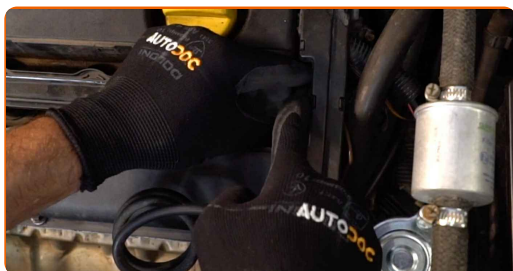
Remove the engine cover.



Replacement: spark plugs – VAUXHALL Ampera (R12). Tip:

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

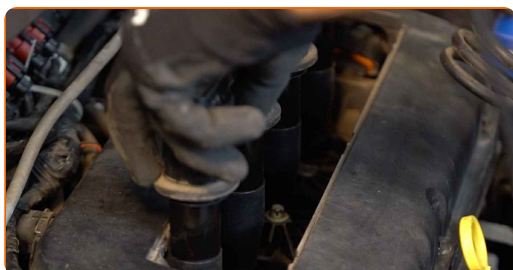
4 Detach the connector from the ignition coil.



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.

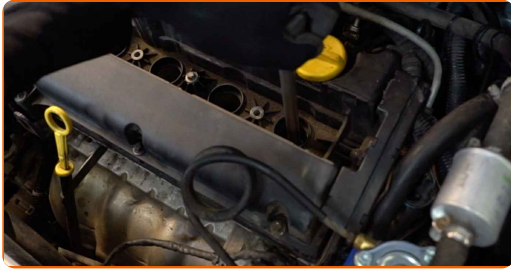


7 Clean dirt, dust and debris from inside the spark plug wells.



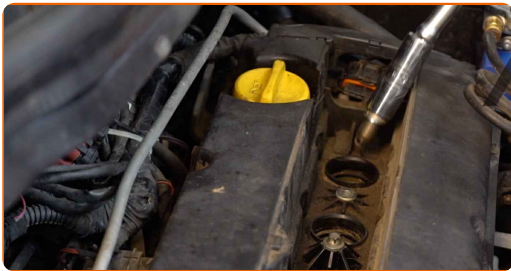
8

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



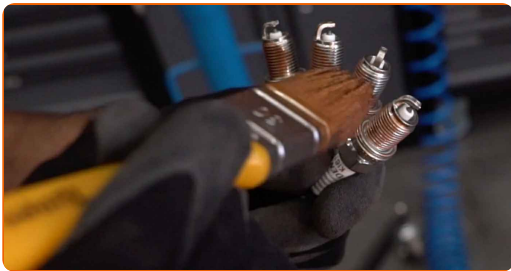
9

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.



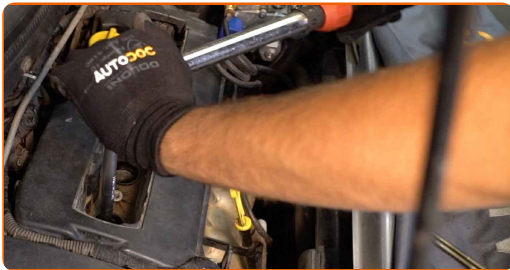
11

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.

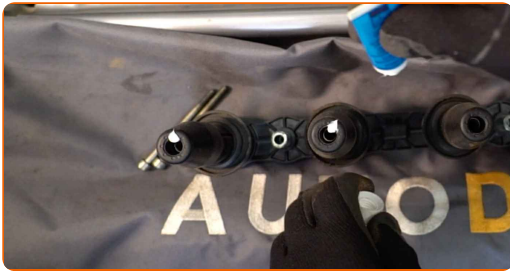


Replacement: spark plugs – VAUXHALL Ampera (R12). AUTODOC experts recommend:

- 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.

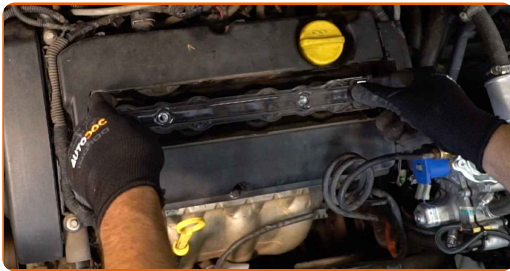
13

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

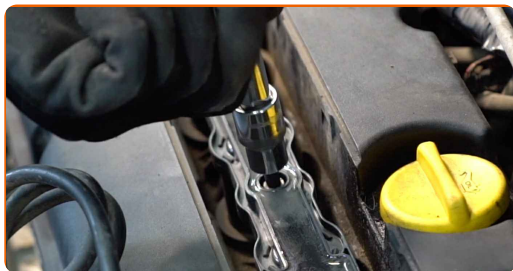


14

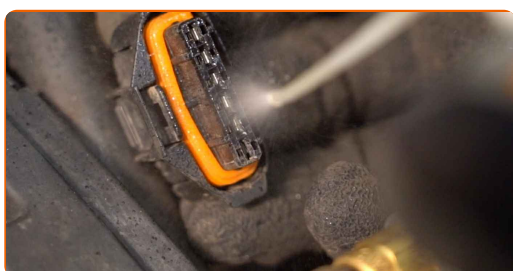
Install the ignition coil to the spark plug well. Make sure you hear a click indicating that it is locked in place.



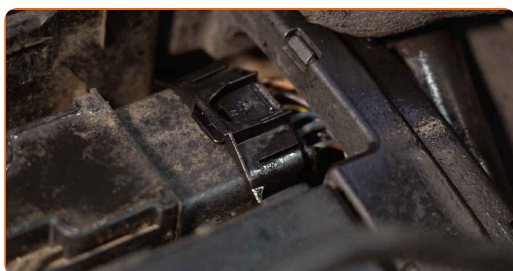
15 Tighten the ignition coil fastening. Use Torx T40. Use a ratchet wrench.



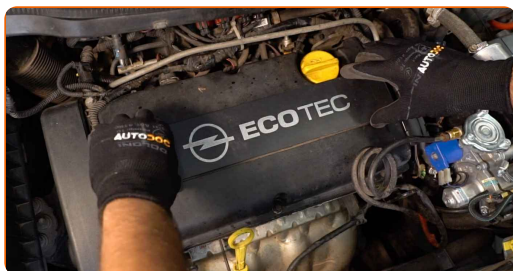
16 Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.



17 Plug in the ignition coil connector.



18 Install the engine cover and secure it.



Replacement: spark plugs – VAUXHALL Ampera (R12). 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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