



How to change spark  
plugs on **OPEL ASTRA J** –  
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 ASTRA J 1.4 (68), OPEL ASTRA J 1.6 (68)

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 ASTRA J.  
 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 ASTRA J. Professionals recommend:

- The replacement procedure is the same for all spark plugs.
- Warning! Shut down the engine before starting any work – OPEL ASTRA J.

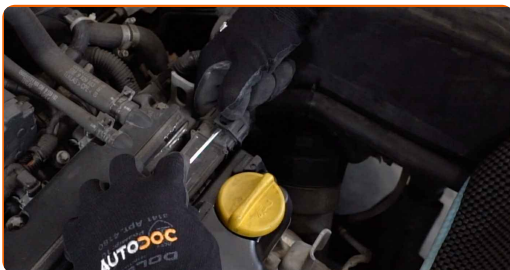
**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

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

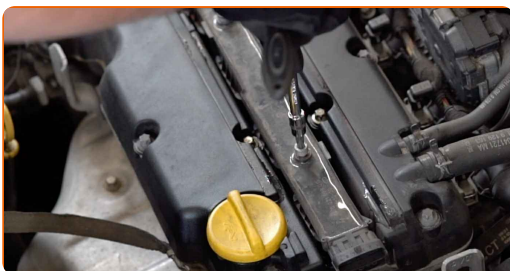
**2** Remove the engine cover.



**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.



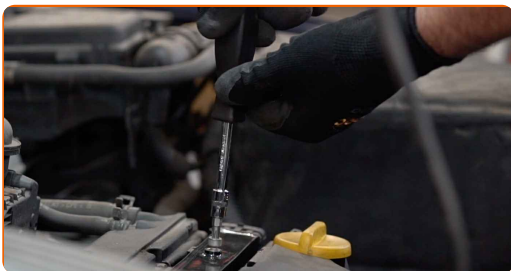
**Replacement: spark plugs – OPEL ASTRA J. AUTODOC recommends:**

- 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.

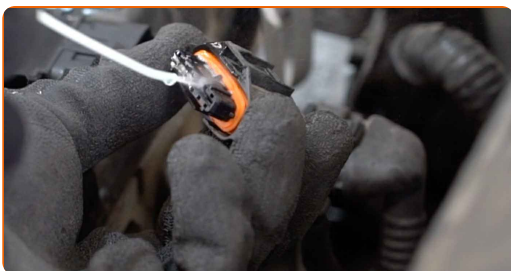
**13** Install the ignition coil to the spark plug well. Make sure you hear a click indicating that it is locked in place.



**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 ASTRA J. Tip:**

- After applying the spray, wait a few minutes.

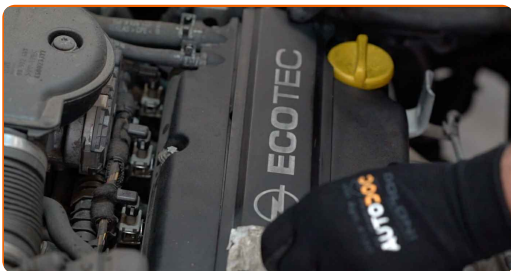
**16**

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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**SPARK PLUGS: A WIDE SELECTION**

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