



How to change spark  
plugs on **CITROËN C3**  
**Pluriel (HB\_)** –  
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:  
CITROËN C3 Pluriel (HB\_) 1.4

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: CITROËN C3 I Hatchback (FC\_, FN\_) 1.4 i

REPLACEMENT: SPARK PLUGS – CITROËN C3 PLURIEL (HB\_). TOOLS YOU NEED:



- High-temperature anti-seize lubricant
- Drive socket # 10
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Telescoping magnet
- Fender cover

**Buy tools**

Replacement: spark plugs – CITROËN C3 Pluriel (HB\_). AUTODOC experts recommend:

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

## REPLACEMENT: SPARK PLUGS – CITROËN C3 PLURIEL (HB\_). 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** Detach the PCV valve.



**4** Disconnect the crankcase ventilation hose from the intake manifold.



**5** Remove the crankcase ventilation hoses.

**6** Disconnect the crankcase ventilation hose from the air duct.



**7** Detach the throttle valve connectors.



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



**9** Detach the connector from the intake manifold.



**10** Cover the PCV valve hole with a microfibre cloth to prevent dirt and foreign objects from getting into the system.



**11** Unscrew the ignition coil bracket. Use a drive socket #10. Use a ratchet wrench.



**12** Pry up the ignition coil. Take out the ignition coil from the spark plug well.



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



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



**15** Take out the spark plugs. Use a telescoping magnet.



**16**

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

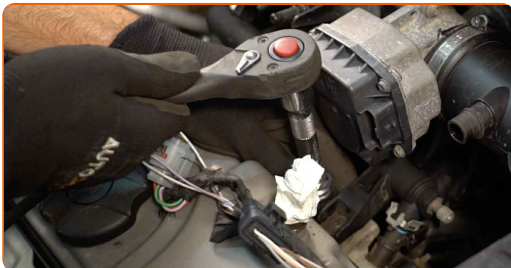
**17**

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



**18**

Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 28 nm torque.

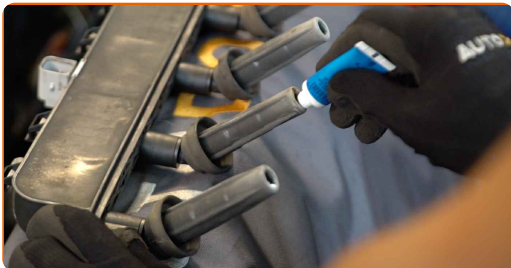


**Replacement: spark plugs – CITROËN C3 Pluriel (HB\_). AUTODOC recommends:**

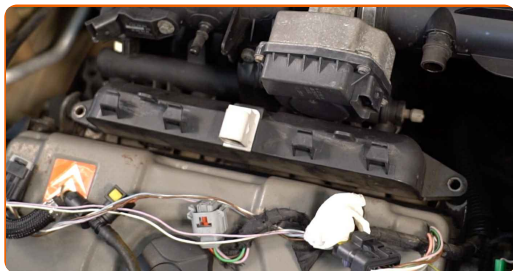
- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

**19**

Treat the ignition coil tips. Use high-temperature grease.



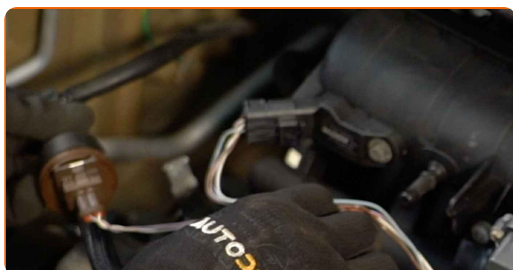
**20** Install the ignition coil to the spark plug well. Make sure you hear a click indicating that it is locked in place.



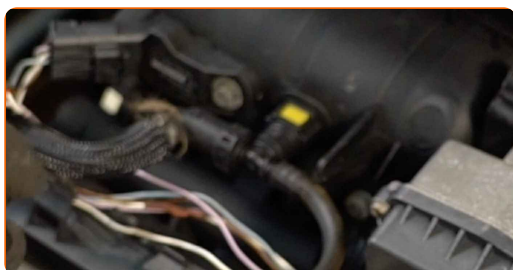
**21** Tighten the ignition coil fastening. Use a drive socket #10. Use a torque wrench. Tighten it to 9 nm torque.



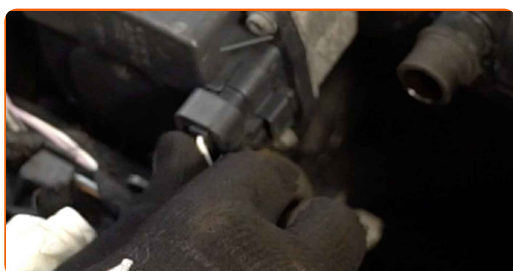
**22** Attach the connector to the intake manifold.



**23** Attach the PCV valve.



**24** Connect the crankcase ventilation hose to the intake manifold.





**25**

Attach the throttle valve connectors.

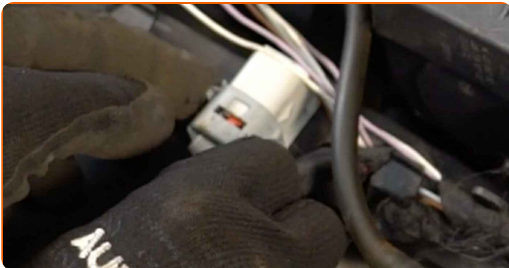
**26**

Remove the microfibre cloth from the PCV valve hole.



**27**

Install the crankcase ventilation hoses.



**28**

Connect the crankcase ventilation hose to the air duct.

**29**

Plug in the ignition coil connector.

**30**

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

**31**

Shut off the engine.

**32**

Remove the fender protection cover. Close the hood.

**WELL DONE!** 

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