



How to change spark
plugs on **CITROËN DS3** –
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 DS3 1.6 Racing, CITROËN DS3 1.6 THP 150, CITROËN DS3 1.4 VTi 95, CITROËN DS3 1.6 VTi 120, CITROËN DS3 1.6 THP 155, CITROËN DS3 1.6, CITROËN DS3 1.4 VTi 98, CITROËN DS3 1.4 VTi 95 LPG, CITROËN DS3 1.6 THP 165

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: PEUGEOT 207 Hatchback 1.6 16V VTi

REPLACEMENT: SPARK PLUGS – CITROËN DS3. TOOLS YOU MIGHT NEED:



- Electronic spray
- High-temperature anti-seize lubricant
- Torque wrench
- Drive socket # 8
- Spark plug socket # 14
- Ratchet wrench
- Fender cover

Buy tools

Replacement: spark plugs – CITROËN DS3. AUTODOC recommends:

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

REPLACEMENT: SPARK PLUGS – CITROËN DS3. TAKE THE FOLLOWING STEPS:

1 Open the hood.

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

3 Unscrew the engine cover fastener. Use a drive socket #8. Use a ratchet wrench.



4 Remove the engine cover.



AUTODOC recommends:

- Do not apply excessive force when removing the part. Otherwise you may damage it.

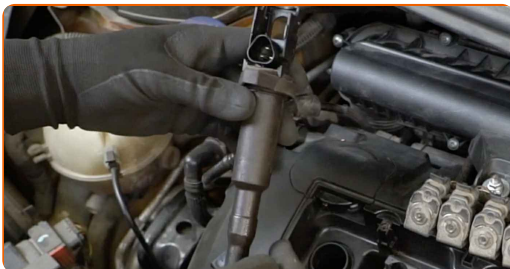
5

Unplug the connectors from the ignition coils.



6

Take out the ignition coil from the spark plug well.

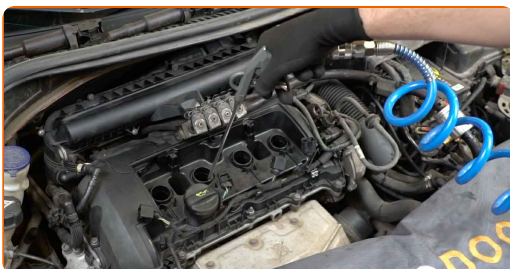


Replacement: spark plugs – CITROËN DS3. Tip from AUTODOC:

- Remember the sequence of steps for ignition coil demounting.

7

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



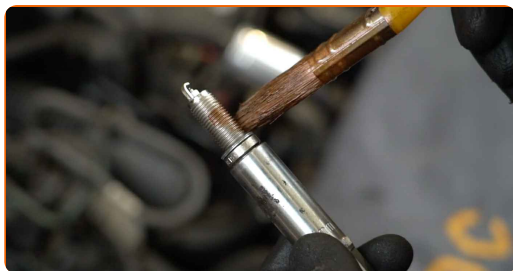
8 Unscrew the spark plugs. Use the spark plug socket #14.



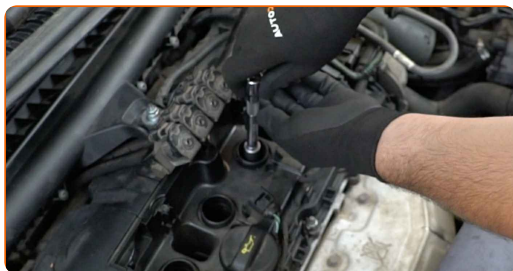
9 Take out the spark plugs.



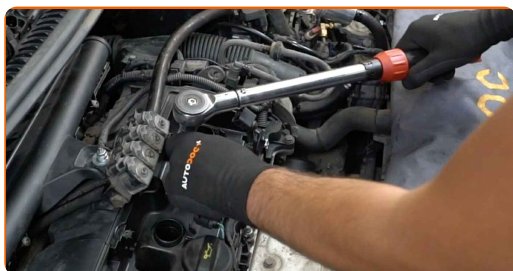
10 Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



11 Install the new spark plugs into their mounting seats.



12 Screw new spark plugs and tighten them. Use the spark plug socket #14. Use a torque wrench. Tighten it to 25 nm torque.

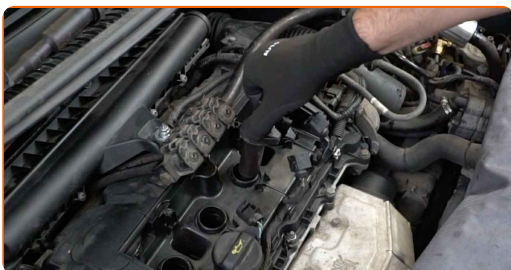


AUTODOC recommends:

- 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 coils to the spark plug wells. Make sure you hear a click indicating that it is locked in place.

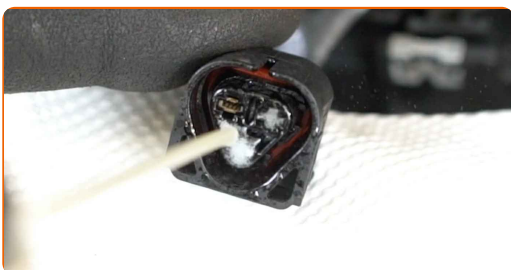


Replacement: spark plugs – CITROËN DS3. Tip:

- Follow the installation sequence.

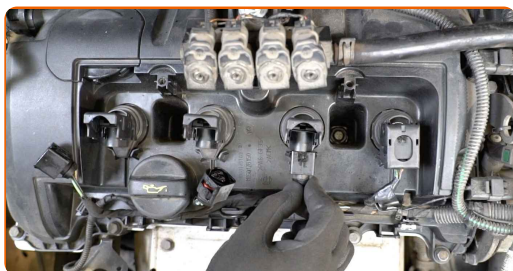
14

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



15

Plug in the connectors of the ignition coils. Make sure you hear a click indicating that it is locked in place.



16

Install the engine cover and secure it.

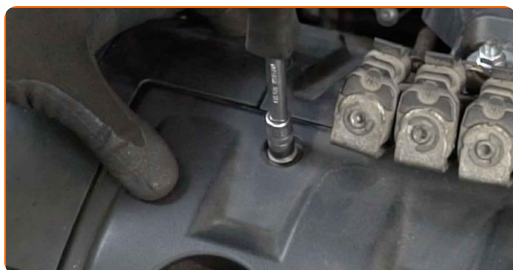


AUTODOC recommends:

- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.
- Replacement: spark plugs – CITROËN DS3. Do not use excessive force during installation. This may damage the part.

17

Screw in the engine cover fasteners. Use a drive socket #8. Use a ratchet wrench.



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

19 Shut off the engine.

20 Remove the fender protection cover.

21 Close the hood.

WELL DONE! 

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SPARK PLUGS: A WIDE SELECTION

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