



How to change spark
plugs on **CITROËN C3 III**
(SX) – 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 III (SX) 1.6 VTi (SXFNPT)

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 206 Hatchback (2A/C) 1.6

REPLACEMENT: SPARK PLUGS – CITROËN C3 III (SX).
TOOLS YOU'LL NEED:



- High-temperature anti-seize lubricant
- Torx bit T20
- Torx bit T27
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Crow bar
- Fender cover

Buy tools

Replacement: spark plugs – CITROËN C3 III (SX). Tip from AUTODOC experts:

- The replacement procedure is the same for all spark plugs.
- Please note: all work on the car – CITROËN C3 III (SX) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

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 Torx T20.



4 Remove the engine cover.



Replacement: spark plugs – CITROËN C3 III (SX). AUTODOC recommends:

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

5 Remove the crankcase ventilation hoses.



6 Detach the connector from the ignition coil.



7 Unscrew the ignition coil bracket. Use Torx T27.



8 Pry up the ignition coil. Use a crowbar.



9 Take out the ignition coil from the spark plug well.



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



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



12 Take out the spark plugs.



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



14

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



15

Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 26 nm torque.



Replacement: spark plugs – CITROËN C3 III (SX). Professionals 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.

16

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



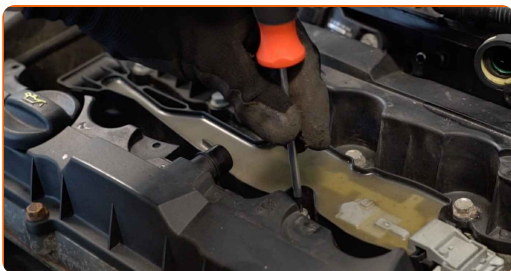
17 Plug in the ignition coil connector.



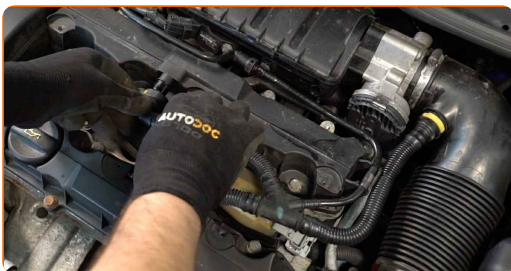
18 Install the ignition coils to the spark plug wells. Make sure you hear a click indicating that it is locked in place.



19 Tighten the fasteners of the ignition coils. Use Torx T20. Use a torque wrench. Tighten it to 8 nm torque.



20 Install the crankcase ventilation hoses.



21

Install the engine cover and secure it. Screw in the engine cover fasteners. Use Torx T20.



AUTODOC recommends:

- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners and the throttle body air intake hose.
- Replacement: spark plugs – CITROËN C3 III (SX). Do not use excessive force during installation. This may damage the fasteners.

22

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

23

Shut off the engine.

24

Remove the fender protection cover.

25

Close the hood.

WELL DONE! 

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SPARK PLUGS: A WIDE SELECTION

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