



How to change spark  
plugs on **RENAULT**  
**ESPACE III (JEO\_)** –  
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:

RENAULT ESPACE III (JE0\_) 2.0 16V, RENAULT ESPACE III (JE0\_) 2.0

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: RENAULT MEGANE II Saloon (LM0/1\_) 1.4

REPLACEMENT: SPARK PLUGS – RENAULT ESPACE III (JE0\_). TOOLS YOU'LL NEED:



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

**Buy tools**

Replacement: spark plugs – RENAULT ESPACE III (JE0\_). Professionals recommend:

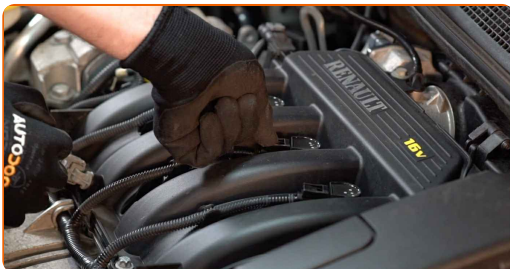
- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

## REPLACEMENT: SPARK PLUGS – RENAULT ESPACE III (JE0\_). 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** Unplug the connectors from the ignition coils.



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



**5** Take out the ignition coils from the spark plug wells.



Replacement: spark plugs – RENAULT ESPACE III (JE0\_). Tip from AUTODOC experts:

- Remember the sequence of steps for ignition coil demounting.

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



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



**8** Take out the spark plugs.



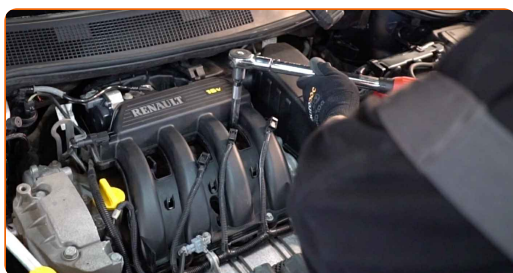
**9** Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



**10** Install the new spark plugs into their mounting seats.



**11** 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 – RENAULT ESPACE III (JE0\_). Tip:

- 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.

12

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

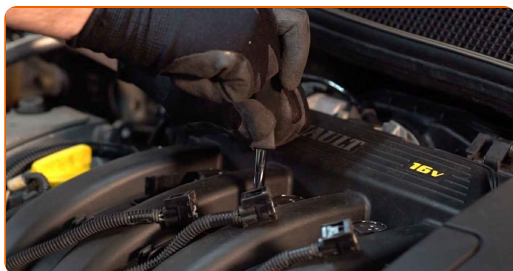


AUTODOC recommends:

- Replacement: spark plugs – RENAULT ESPACE III (JE0\_). Follow the installation steps.

13

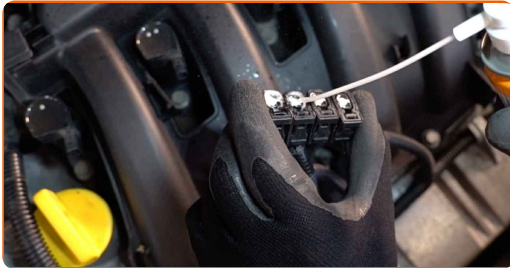
Tighten the fasteners of the ignition coils. Use a drive socket #10.





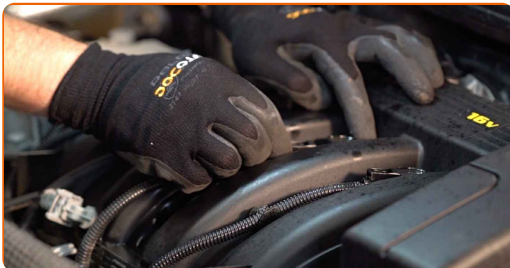
**14**

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**

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

**17**

Shut off the engine.

**18**

Remove the fender protection cover.

**19**

Close the hood.

**WELL DONE!** 

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**SPARK PLUGS: A WIDE SELECTION**

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