



How to change lambda  
sensor on **TOYOTA RAV**  
**4 I (SXA1\_)** – 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:

TOYOTA RAV 4 I (SXA1\_) 2.0 4WD

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: TOYOTA Yaris Hatchback (\_P1\_) 1.3 (NCP10\_, SCP12\_)

REPLACEMENT: LAMBDA SENSOR – TOYOTA RAV 4 I (SXA1\_). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- High-temperature ceramic grease
- Electronic spray
- Torque wrench
- Combination spanner #22
- 22-mm oxygen sensor socket
- Ratchet wrench
- Thread tap
- Flat Screwdriver
- Long nose pliers

**Buy tools**

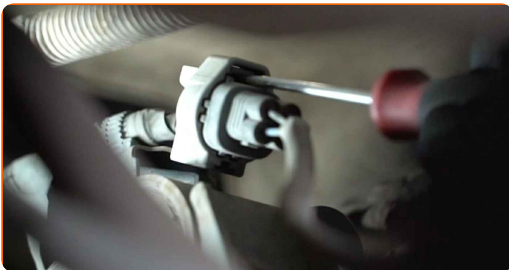
Replacement: lambda sensor – TOYOTA RAV 4 I (SXA1\_). AUTODOC experts recommend:

- After replacing the oxygen sensor, clear the trouble code from the electronic control unit and let the ECU adapt itself to the new sensor.
- Before getting down to work, start the engine and let it warm up to operating temperature.
- Please note: all work on the car – TOYOTA RAV 4 I (SXA1\_) – should be done with the engine switched off.

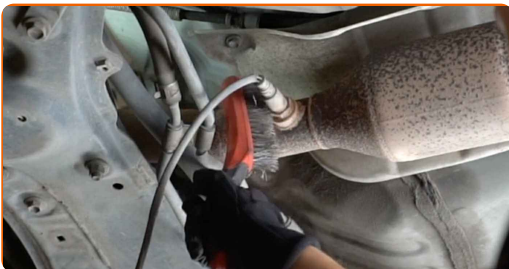
## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

**1** Raise the front of the car and secure on supports.

**2** Detach the oxygen sensor connector. Use a flat screwdriver. Use long nose pliers.

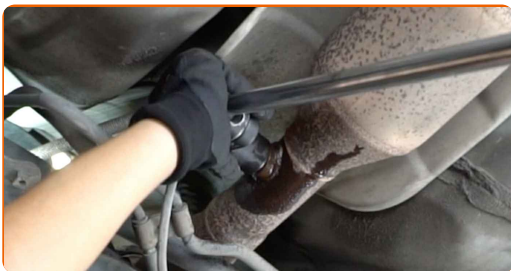


**3** Clean the oxygen sensor fastener. Use a wire brush. Use WD-40 spray.



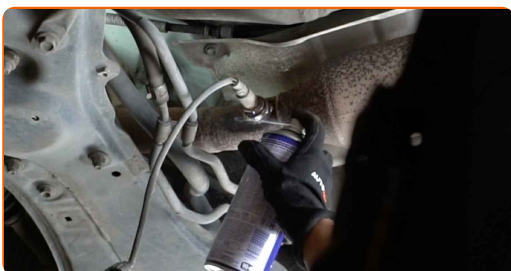
4

Unscrew the oxygen sensor fastener. Use a 22-mm oxygen sensor socket. Use a ratchet wrench.



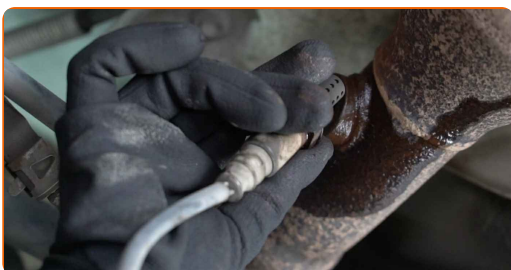
5

Clean the oxygen sensor mounting seat. Use WD-40 spray.



6

Remove the oxygen sensor.



7

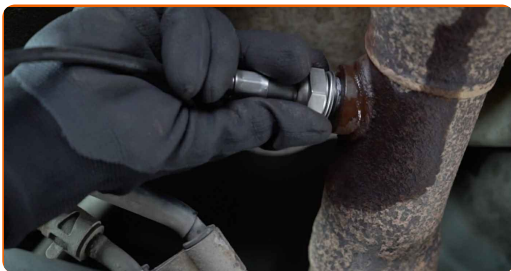
Cut the thread for the new oxygen sensor. Use a thread tap. Use a ratchet wrench.



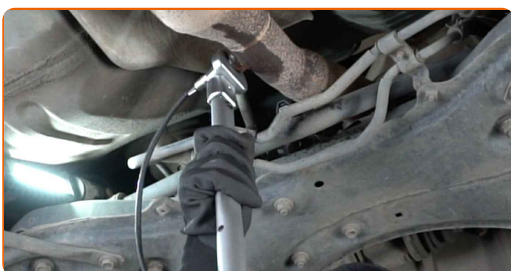
8

Treat the oxygen sensor. Use high-temperature ceramic grease.

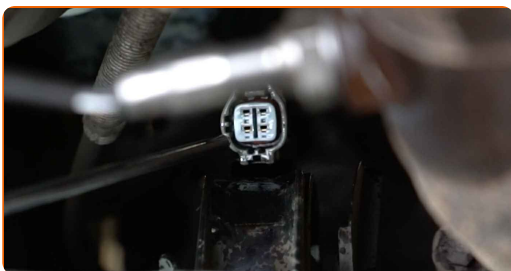
**9** Install the new oxygen sensor.



**10** Tighten the oxygen sensor fastener. Use a combination spanner #22. Use a torque wrench. Tighten it to 41 Nm torque.



**11** Treat the oxygen sensor connector. Use dielectric grease.



**12** Attach the oxygen sensor connector.



**13** Lower the car.

**14** Switch on the ignition. This is necessary in order to make sure that the component operates properly.

15

Switch off the ignition.

**WELL DONE!** 

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