



How to change spark  
plugs on **VAUXHALL**  
**Rascal Minibus (RAS)**  
**petrol** – 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:  
VAUXHALL Rascal Minibus (RAS) 1.0

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: OPEL Corsa C Hatchback (X01) 1.2 (F08, F68)

REPLACEMENT: SPARK PLUGS – VAUXHALL RASCAL  
MINIBUS (RAS). LIST OF THE TOOLS YOU'LL NEED:



- Electronic spray
- High-temperature anti-seize lubricant
- Torx bit T40
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Fender cover

**Buy tools**

Replacement: spark plugs – VAUXHALL Rascal Minibus (RAS). AUTODOC experts recommend:

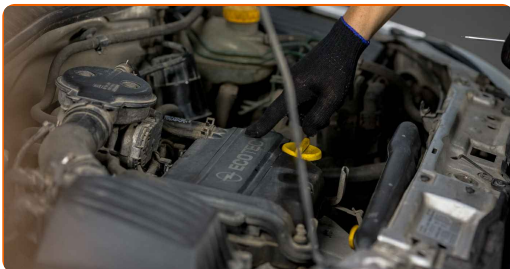
- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

## REPLACEMENT: SPARK PLUGS – VAUXHALL RASCAL MINIBUS (RAS). RECOMMENDED SEQUENCE OF STEPS:

**1** Open the hood.

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

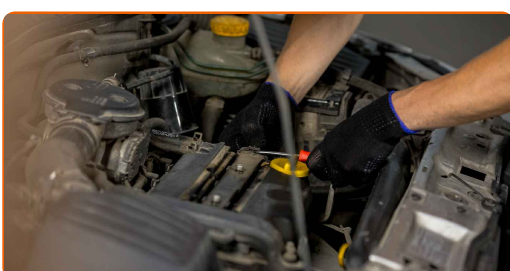
**3** Undo the engine cover screws. Use a flat screwdriver.



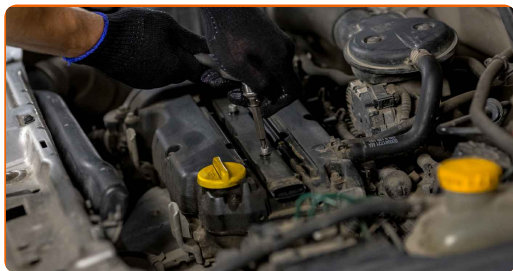
**4** Remove the engine cover.



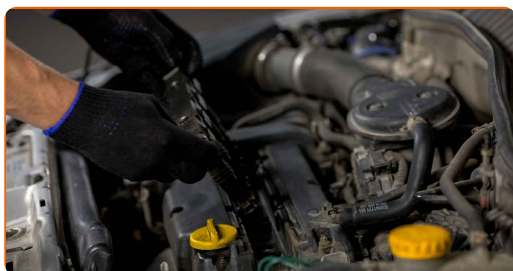
**5** Detach the connector from the ignition coil. Use a flat screwdriver.



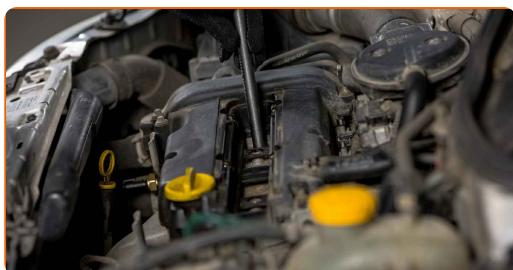
**6** Unscrew the ignition coil bracket. Use Torx T40. Use a ratchet wrench.



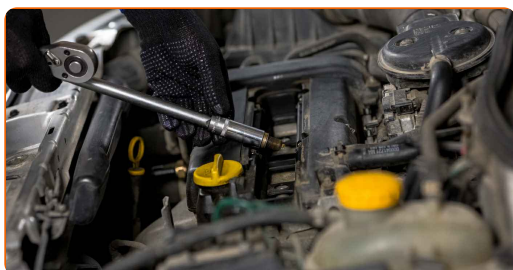
**7** Take out the ignition coil from the spark plug well. Use a flat screwdriver.



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



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

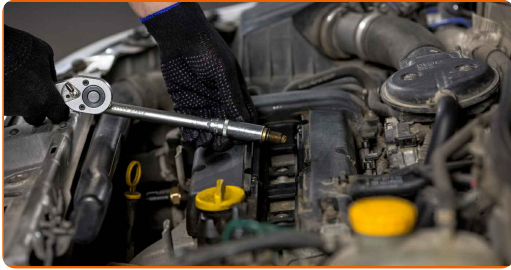


**Replacement: spark plugs – VAUXHALL Rascal Minibus (RAS). Tip:**

- Make sure that the threaded part of the spark plug and the electrodes are clean and dry.

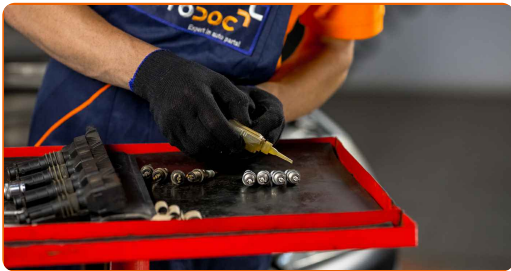
**10**

Take out the spark plugs.



**11**

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

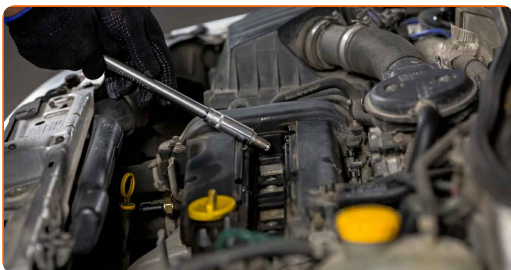


**12**

Install the new spark plugs into their mounting seats.

**13**

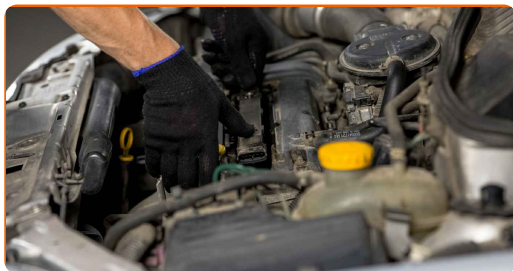
Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 24 nm torque.



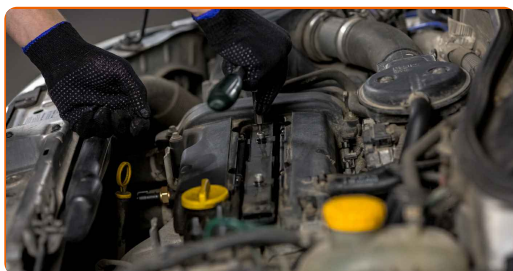
**Replacement: spark plugs – VAUXHALL Rascal Minibus (RAS). Tip from AUTODOC:**

- 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.

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

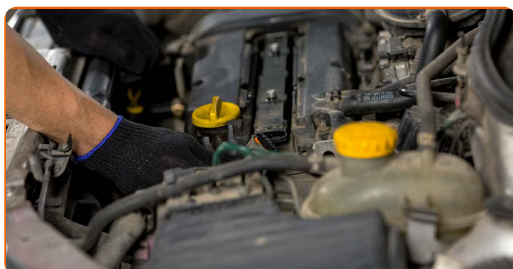


**15** Tighten the ignition coil fastening. Use Torx T40. Use a torque wrench. Tighten it to 12 nm torque.

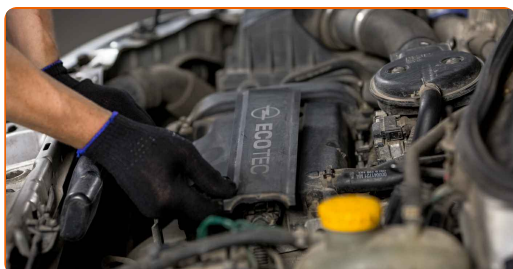


**16** Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.

**17** Plug in the ignition coil connector.



**18** Install the engine cover and secure it. Use a flat screwdriver.



Replacement: spark plugs – VAUXHALL Rascal Minibus (RAS). AUTODOC experts recommend:

- 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.

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

**20** Shut off the engine.

**21** Remove the fender protection cover.

**22** Close the hood.

**WELL DONE!** 

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