



How to change spark  
plugs on **MERCEDES-  
BENZ VITO Box (638)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

### Important!

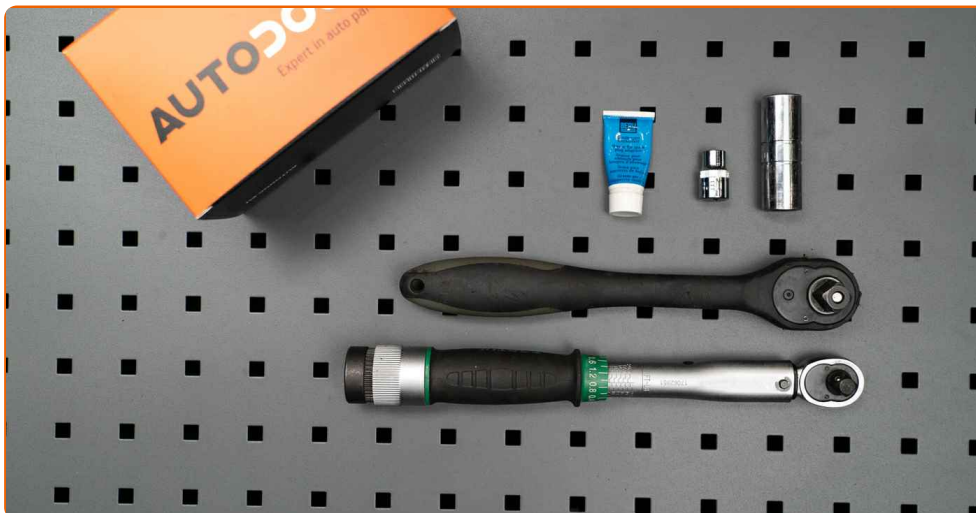
This replacement procedure can be used for:

MERCEDES-BENZ VITO Box (638) 113 2.0 (638.014, 638.094), MERCEDES-BENZ VITO Box (638) 114 2.3 (638.034, 638.094)

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: MERCEDES-BENZ A-Class (W168) A 160 (168.033, 168.133)

REPLACEMENT: SPARK PLUGS – MERCEDES-BENZ  
VITO BOX (638). TOOLS YOU NEED:



- High-temperature anti-seize lubricant
- Drive socket # E11
- Drive socket # 16
- Ratchet wrench
- Torque wrench
- Fender cover

**Buy tools**

Replacement: spark plugs – MERCEDES-BENZ VITO Box (638). 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 – MERCEDES-BENZ VITO BOX (638). RECOMMENDED SEQUENCE OF STEPS:

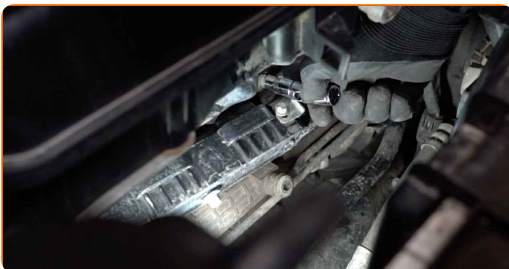
**1** Open the hood.

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

**3** Detach the connector from the ignition coil.



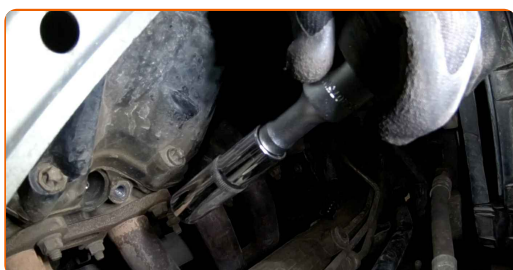
**4** Unscrew the ignition coil bracket. Use a drive socket #E11. Use a ratchet wrench.



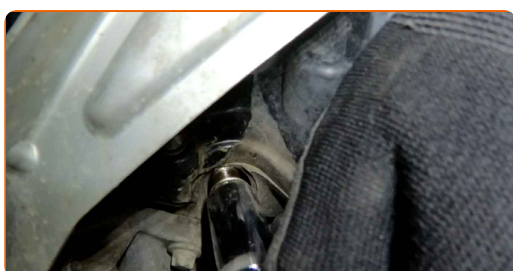
**5** Take out the ignition coil from the spark plug well.



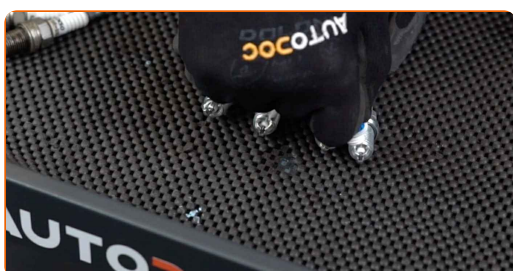
**6** Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.



**7** Take out the spark plugs.



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



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



**10** Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 25 nm torque.



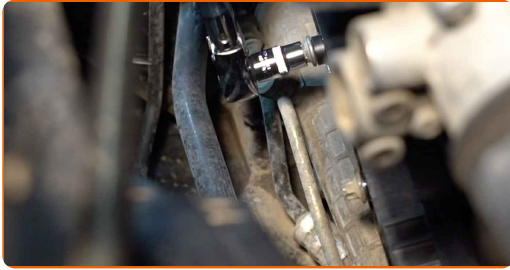
**Replacement: spark plugs – MERCEDES-BENZ VITO Box (638). Professionals recommend:**

- 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.

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



**12** Tighten the ignition coil fastening. Use a drive socket #E11. Use a torque wrench. Tighten it to 12 nm torque.



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



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

**15** Shut off the engine.

**16** Remove the fender protection cover.

**17** Close the hood.

**WELL DONE!** 

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**SPARK PLUGS: A WIDE SELECTION**

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