



How to change spark  
plugs on **VW Passat  
Alltrack (3G5, CB5)** –  
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:  
VW Passat Alltrack (3G5, CB5) 1.4 TSI 4motion

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: VW Golf VII Hatchback (5G1, BQ1, BE1, BE2) 1.8 TSI

REPLACEMENT: SPARK PLUGS – VW PASSAT ALLTRACK (3G5, CB5). LIST OF THE TOOLS YOU'LL NEED:



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

**Buy tools**

Replacement: spark plugs – VW Passat Alltrack (3G5, CB5). Tip from AUTODOC:

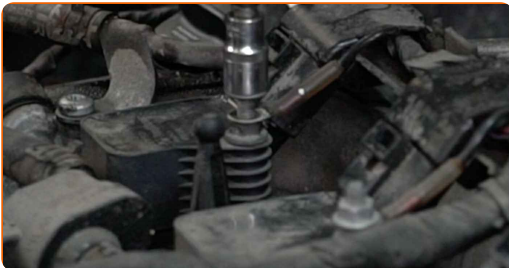
- The replacement procedure is the same for all spark plugs.
- Please note: all work on the car – VW Passat Alltrack (3G5, CB5) – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

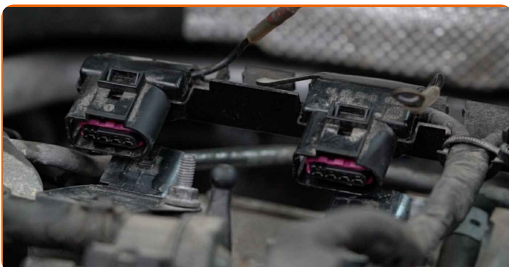
**1** Open the bonnet.

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

**3** Unscrew the fasteners and disconnect the ground wires from the ignition coils. Use a drive socket #10. Use a ratchet wrench.



**4** Unplug the connectors from the ignition coils.



**5** Unscrew the fasteners of the ignition coils. Use a drive socket #10. Use a ratchet wrench.



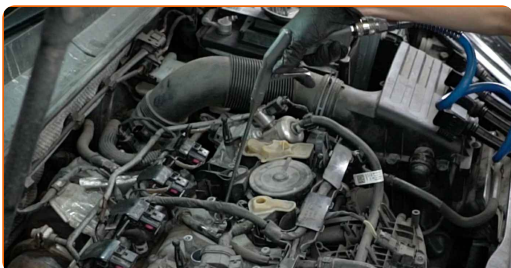
**6** Remove the fastening bolts.



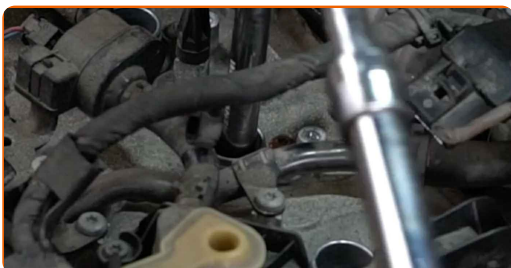
**7** Take out the ignition coils from the spark plug wells.



**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.



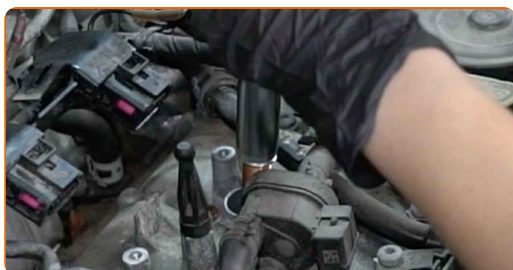
**10** Take out the spark plugs.



**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.



Replacement: spark plugs – VW Passat Alltrack (3G5, CB5). AUTODOC experts recommend:

- Lower the spark plugs into the wells carefully, making sure not to damage the electrode gap.

- 13** Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 28 nm torque.



Replacement: spark plugs – VW Passat Alltrack (3G5, CB5). AUTODOC recommends:

- 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 coils to the spark plug wells.



- 15** Install the fastening bolts.





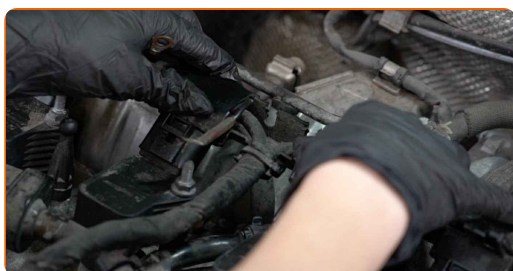
**16** Tighten the fasteners of the ignition coils. Use a drive socket #10. Use a ratchet wrench.



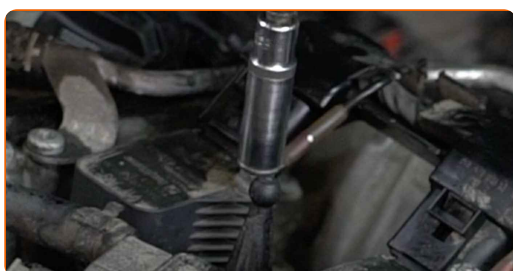
**17** Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.



**18** Plug in the connectors of the ignition coils.



**19** Connect the ground wires to the ignition coils and screw in the fasteners. Use a drive socket #10. Use a ratchet wrench.



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

**21** Shut off the engine.

**22** Remove the fender protection cover.



23

Close the hood.

**WELL DONE!** 

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