



How to change ignition
coil on **VW Passat B6**
Variant (3C5) –
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 B6 Variant (3C5) 1.6 FSI, VW Passat B6 Variant (3C5) 1.4 TSI, VW Passat B6 Variant (3C5) 1.4 TSI EcoFuel

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 Caddy III Estate (2KB, 2KJ, 2CB, 2CJ) 1.4

REPLACEMENT: IGNITION COIL – VW PASSAT B6
VARIANT (3C5). TOOLS YOU NEED:



- Electronic spray
- High-temperature anti-seize lubricant
- Crow bar
- Flat screwdriver
- Microfibre towel
- Fender cover

[Buy tools](#)

Replacement: ignition coil – VW Passat B6 Variant (3C5). Tip from AUTODOC experts:

- Follow the terms, recommendations and requirements of the part operation provided by the manufacturer.
- Warning! Shut down the engine before starting any work – VW Passat B6 Variant (3C5).

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Open the hood.



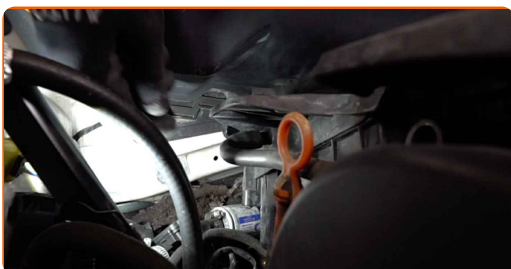
2

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



3

Detach the crankcase ventilation hose from the engine cover at the left.



4

Remove the engine cover.



5

Cover the throttle body with a microfibre towel to prevent dust and dirt from getting into the system.



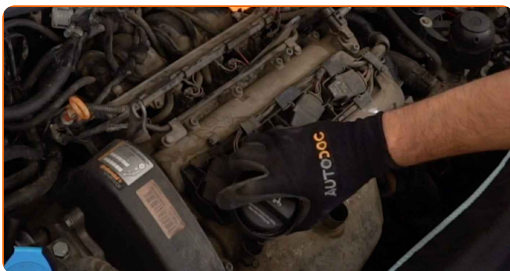
6

Detach the crankcase ventilation hose from the oil filler neck.



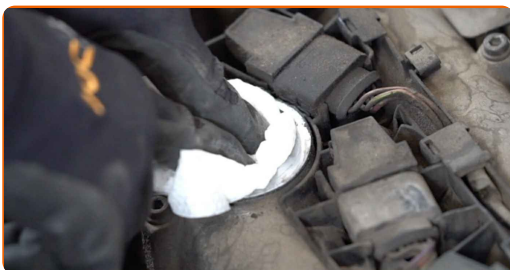
7

Unscrew the oil filler neck. Remove the oil filler neck.



8

Cover the oil filler opening with a microfibre towel to prevent dirt and foreign objects from getting into the system.



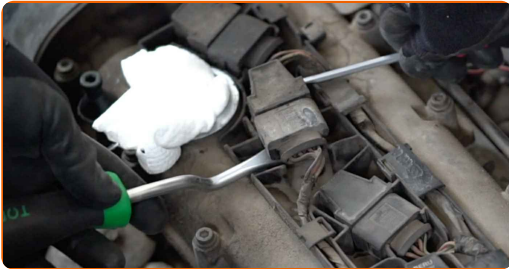
9

Undo the plastic locking tabs of the ignition coil connector. Use a flat screwdriver.



10

Pry up the ignition coil. Use a crowbar. Use a flat screwdriver.



11

Take out the ignition coil from the spark plug well.

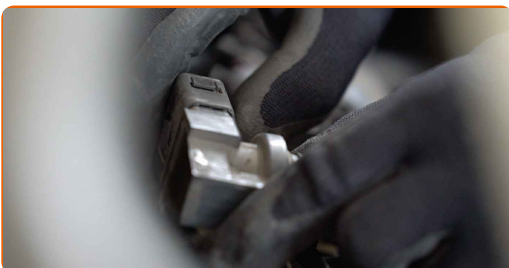


Replacement: ignition coil – VW Passat B6 Variant (3C5). AUTODOC recommends:

- Remember the sequence of steps for ignition coil demounting.

12

Detach the connector from the ignition coil.



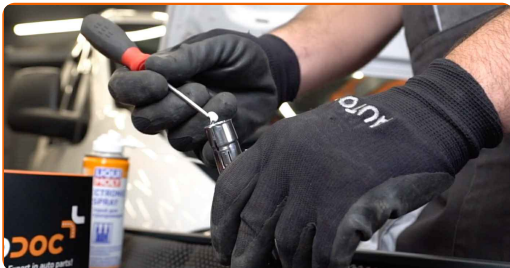
13

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



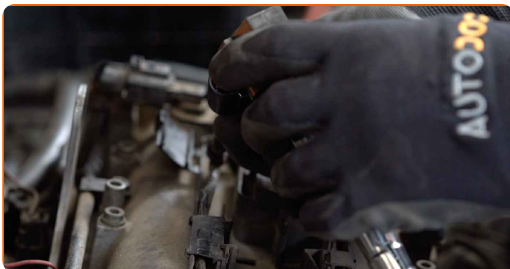
14

Treat the ignition coil tip. Use high-temperature grease. Use a flat screwdriver.



15

Plug in the ignition coil connector.

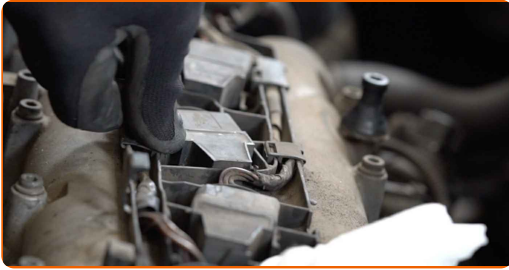


16

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



17 Lock the connector.



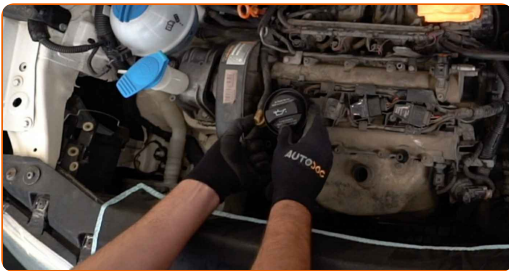
18 Remove the microfibre towel from the oil filler opening.



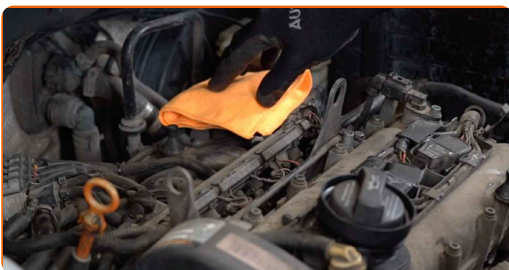
19 Install the oil filler neck. Screw in the oil filler neck.



20 Attach the crankcase ventilation hose to the oil filler neck.



21 Remove the microfibre towel from the throttle body.



22

Install the engine cover and secure it. Make sure you hear a click indicating that it is locked in place.

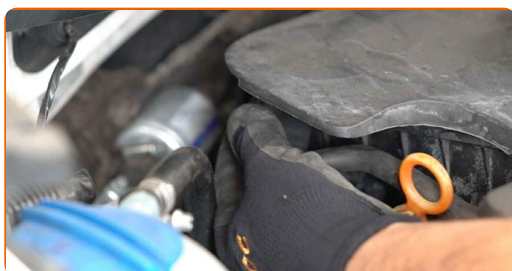


Replacement: ignition coil – VW Passat B6 Variant (3C5). Tip:

- 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.

23

Attach the crankcase ventilation hose to the engine cover at the left.



24

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

25

Shut off the engine.

26

Remove the fender protection cover.

27

Close the hood.

WELL DONE! 

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