



How to change ignition
coil on **VW Golf 5** –
replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

VW TOURAN (1T3) 1.2 TSI, VW GOLF PLUS (5M1, 521) 1.6 BiFuel, VW GOLF VI (5K1) 1.6 MultiFuel, VW SHARAN (7M8, 7M9, 7M6) 2.0, VW Polo Classic (6V2) 1.4, VW Polo Classic (6V2) 1.6, VW Caddy II Van (9K9A) 60 1.4, VW PASSAT (3B2) 1.6, VW Jetta IV (162, 163, AV3, AV2) 1.2 TSI, VW Golf VI Variant (AJ5) 1.6 MultiFuel, VW GOLF PLUS (5M1, 521) 1.2 TSI, VW PASSAT Variant (3B5) 1.6, VW Golf VI Convertible (517) 1.2 TSI, VW Golf IV Hatchback (1J1) 1.6, VW Golf IV Hatchback (1J1) 1.4 16V, (+ 114)

The steps may slightly vary depending on the car design.

REPLACEMENT: IGNITION COIL – VW GOLF 5. LIST OF THE TOOLS YOU'LL NEED:



- Electronic spray
- All-purpose cleaning spray
- Torque wrench
- HEX bit No.H5
- Ratchet wrench
- Fender cover

BUY TOOLS

Replacement: ignition coil – VW Golf 5. AUTODOC experts recommend:

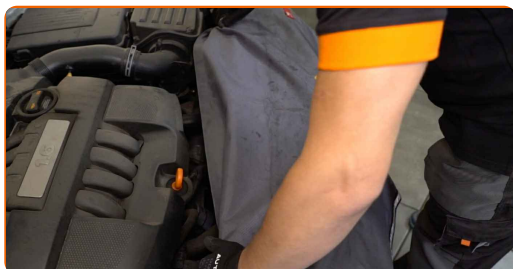
- The replacement procedure is the same for the ignition coils of all cylinders.
- Please note: all work on the car – VW Golf 5 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

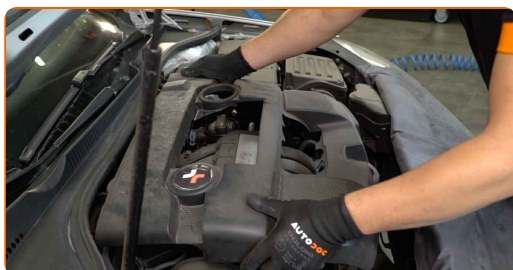
1 Open the hood.



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



3 Remove the engine cover.

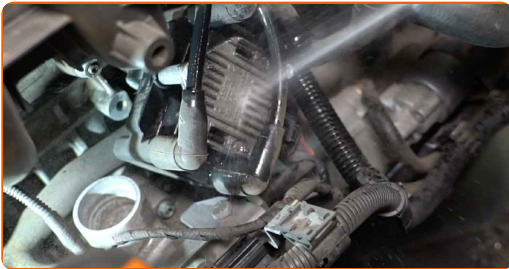


AUTODOC recommends:

- Replacement: ignition coil – VW Golf 5. Do not use excessive force when removing the part as this may damage it.

4

Clean the ignition coil bolts. Use all-purpose cleaning spray.



5

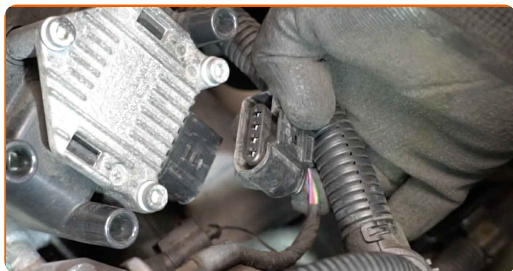
Disconnect the spark plug wires from the ignition coil.



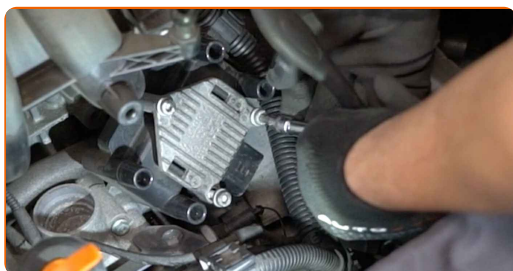
Replacement: ignition coil – VW Golf 5. AUTODOC recommends:

- Be careful to avoid damaging spark plug wires.
- Remember the position of the spark plug wires.

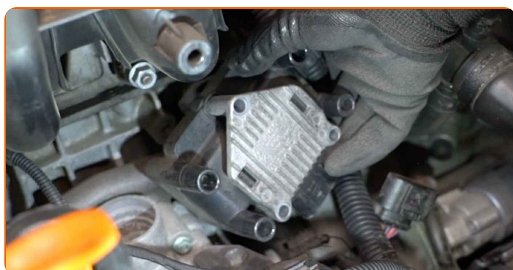
6 Detach the connector from the ignition coil.



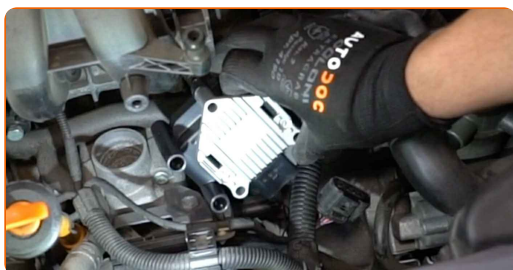
7 Unscrew the ignition coil bolts. Use HEX No.H5. Use a ratchet wrench.



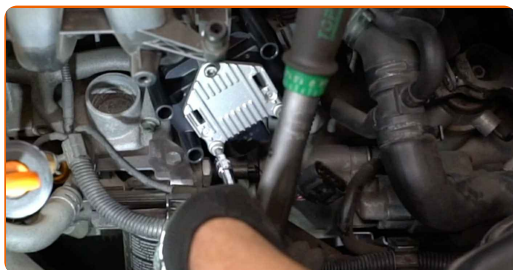
8 Take out the ignition coil from the spark plug well.



9 Install the new ignition coil to the spark plug well.



10 Tighten the ignition coil bolts. Use HEX No.H5. Use a torque wrench. Tighten it to 7 nm torque.



11

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



AUTODOC recommends:

- Replacement: ignition coil – VW Golf 5. After applying the spray, wait a few minutes.

12

Plug in the ignition coil connector.



13

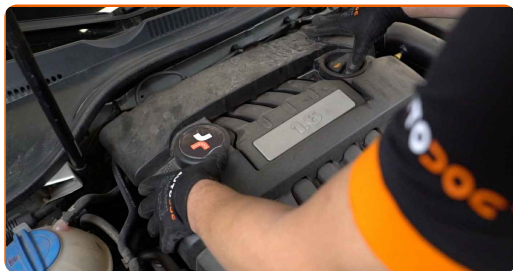
Connect the spark plug wires to the ignition coil.



Replacement: ignition coil – VW Golf 5. AUTODOC recommends:

- Follow the installation sequence.

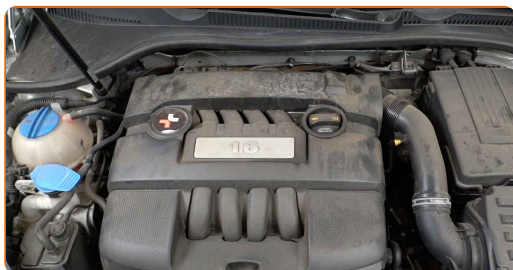
14 Install the engine cover and secure it.



AUTODOC recommends:

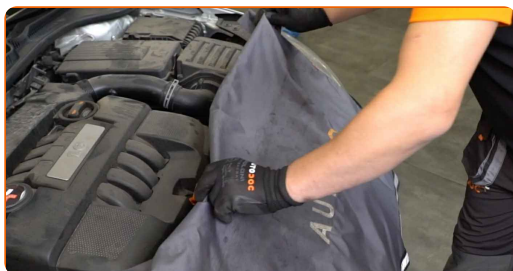
- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.
- Replacement: ignition coil – VW Golf 5. Do not use excessive force during installation. This may damage the part.

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



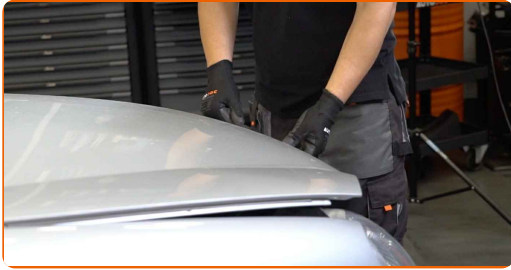
16 Shut off the engine.

17 Remove the fender protection cover.



18

Close the hood.



WELL DONE! 

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