



How to change ignition coil on **VAUXHALL Astra Mk IV (G) Estate (T98)** – 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 Astra Mk IV (G) Estate (T98) 1.4 16V, VAUXHALL Astra Mk IV (G) Estate (T98) 1.6 16V, VAUXHALL Astra Mk IV (G) Estate (T98) 1.6 Dualfuel, VAUXHALL Astra Mk IV (G) Estate (T98) 1.4 16V Dualfuel

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 Meriva A (X03) 1.6 16V (E75)

REPLACEMENT: IGNITION COIL – VAUXHALL ASTRA  
MK IV (G) ESTATE (T98). TOOLS YOU'LL NEED:



- Electronic spray
- Torque wrench
- Torx bit T20
- Torx bit T30
- Ratchet wrench
- Flat Screwdriver
- Crow bar
- Microfibre towel
- Fender cover

**Buy tools**

Replacement: ignition coil – VAUXHALL Astra Mk IV (G) Estate (T98).  
AUTODOC experts recommend:

- The replacement procedure is the same for the ignition coils of all cylinders.
- Please note: all work on the car – VAUXHALL Astra Mk IV (G) Estate (T98) – 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.

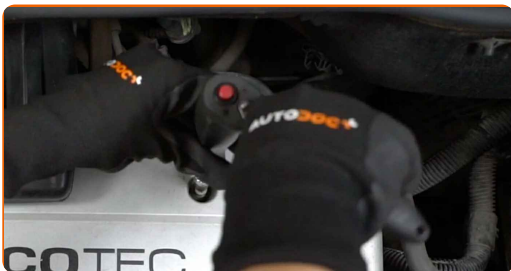
**3** Unscrew the fasteners of the air distribution housing assembly. Use Torx T20.



**4** Remove the air distribution housing assembly.



**5** Unscrew the engine cover fastener. Use Torx T30. Use a ratchet wrench.

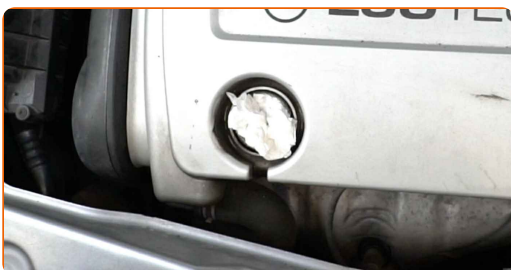


**6** Unscrew the oil filler plug.



**7** Remove the oil filler cap.

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



**9** Remove the engine cover.



**AUTODOC recommends:**

- Replacement: ignition coil – VAUXHALL Astra Mk IV (G) Estate (T98). Do not use excessive force when removing the part as this may damage it.

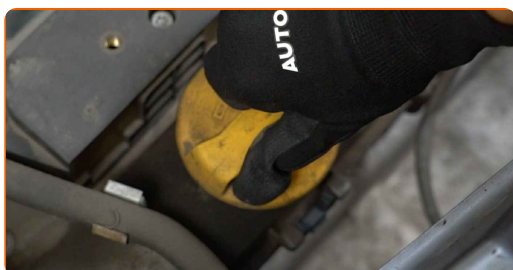
**10**

Remove the microfibre towel from the oil filler opening.



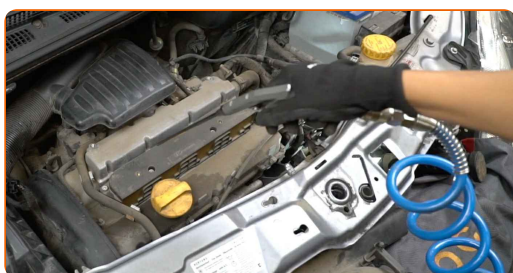
**11**

Install the oil filler cap.



**12**

Clean the ignition coil bolts.



**13**

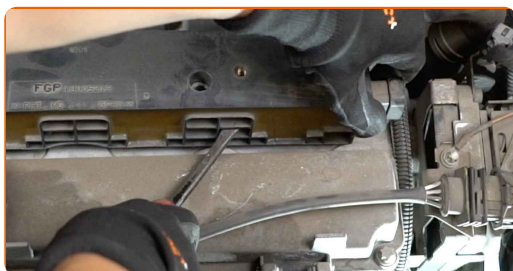
Detach the connector from the ignition coil. Use a flat screwdriver.



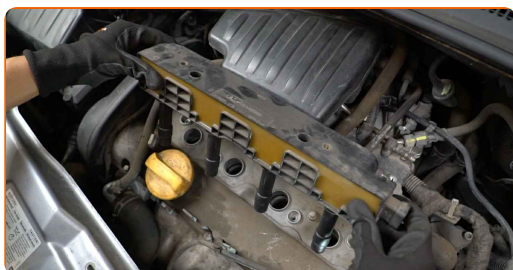
**14** Unscrew the ignition coil bolts. Use Torx T30. Use a ratchet wrench.



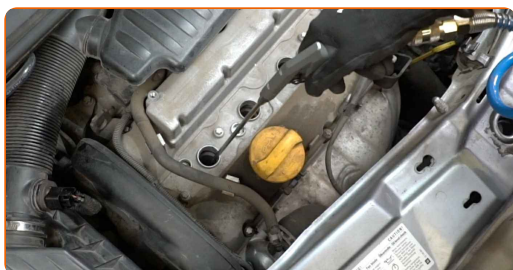
**15** Pry up the ignition coil. Use a crowbar.



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



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

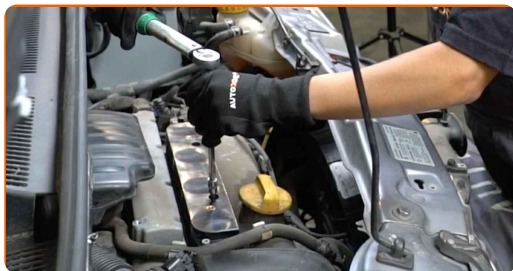


**18** Install the new ignition coil to the spark plug well. Make sure you hear a click indicating that it is locked in place.

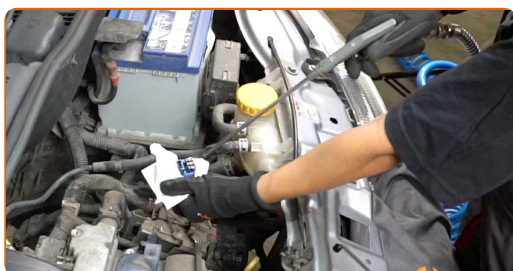




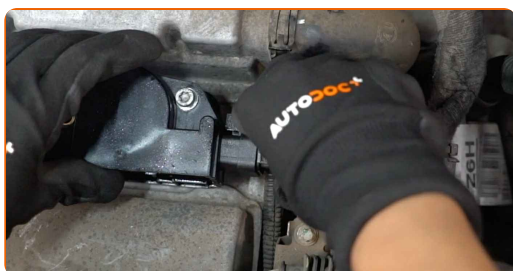
**19** Tighten the ignition coil bolts. Use Torx T30. Use a torque wrench. Tighten it to 7 nm torque.



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



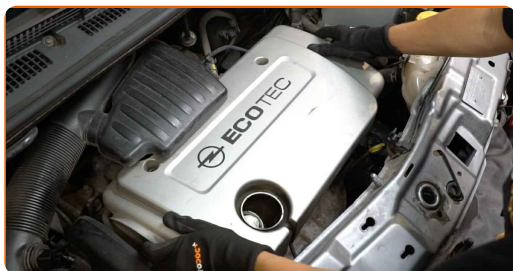
**21** Plug in the ignition coil connector. Make sure you hear a click indicating that it is locked in place.



**22** Remove the oil filler cap.

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

**24** Install the engine cover and secure it.



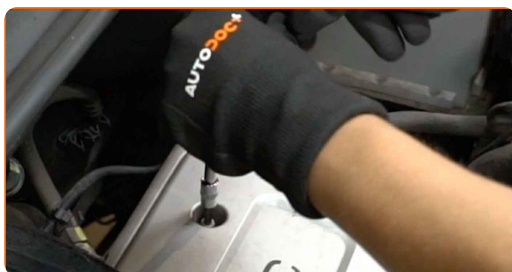


Replacement: ignition coil – VAUXHALL Astra Mk IV (G) Estate (T98).  
AUTODOC experts recommend:

- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.
- When installing, do not use excessive force to avoid damage to the part.

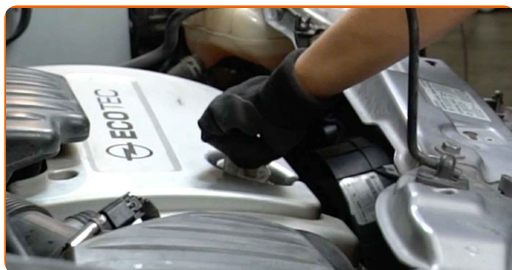
25

Screw in the engine cover fasteners. Use Torx T30. Use a ratchet wrench.



26

Remove the microfibre towel from the oil filler opening.



27

Install the oil filler cap.



28

Tighten the oil filler cap.

**29** Reinstall the air distribution housing assembly.



**30** Screw in the fasteners of the air distribution housing assembly. Use Torx T20.



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

**32** Shut off the engine.

**33** Remove the fender protection cover.

**34** Close the hood.

**WELL DONE!** 

**VIEW MORE TUTORIALS**

# AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

**AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING**



**+ AUTODOC**

GET IT ON  
**Google Play**

 Download on the  
**App Store**

**Download**

**A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR**

**IGNITION COIL: A WIDE SELECTION**

## **DISCLAIMER:**

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2023 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC SE.