# AUTODOC CLUB

How to change spark plugs on **VAUXHALL Astra Mk2 Convertible (T85) petrol** – 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 Mk2 Convertible (T85) 1.4 S (43)

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 Corsa C Hatchback (X01) 1.2 (F08, F68)

# REPLACEMENT: SPARK PLUGS – VAUXHALL ASTRA MK2 CONVERTIBLE (T85). LIST OF THE TOOLS YOU'LL NEED:



- Electronic spray
- High-temperature anti-seize lubricant
- Torx bit T40
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
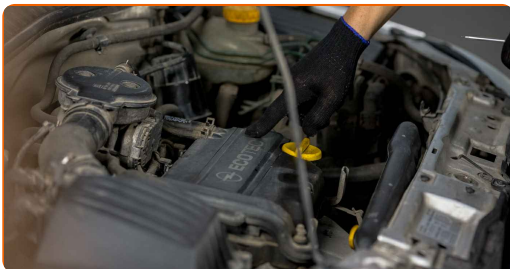- Flat Screwdriver
- Fender cover

**Buy tools**

- The replacement procedure is the same for all spark plugs.

- All work should be done with the engine stopped.

## REPLACEMENT: SPARK PLUGS – VAUXHALL ASTRA MK2 CONVERTIBLE (T85). RECOMMENDED SEQUENCE OF STEPS:

**1**    Open the hood.

**2**    Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.
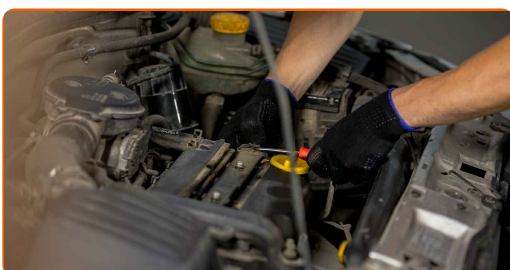
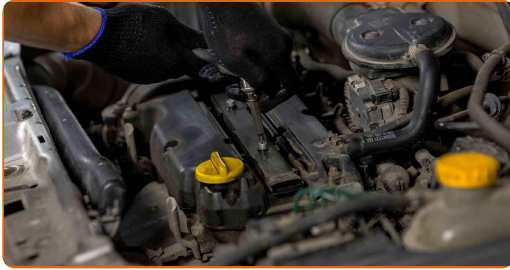**3**    Undo the engine cover screws. Use a flat screwdriver.



**4**    Remove the engine cover.



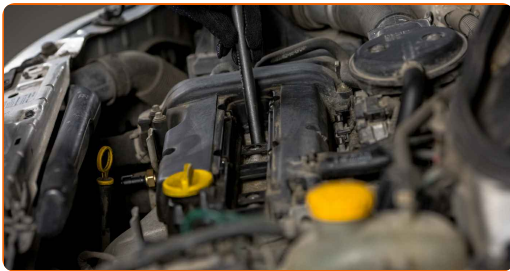**5**    Detach the connector from the ignition coil. Use a flat screwdriver.

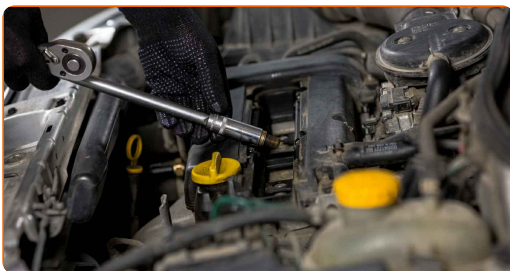**6** Unscrew the ignition coil bracket. Use Torx T40. Use a ratchet wrench.



**7** Take out the ignition coil from the spark plug well. Use a flat screwdriver.



**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.
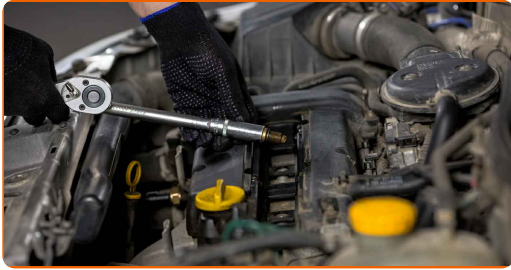


## Replacement: spark plugs – VAUXHALL Astra Mk2 Convertible (T85). Tip:

- Make sure that the threaded part of the spark plug and the electrodes are clean and dry.
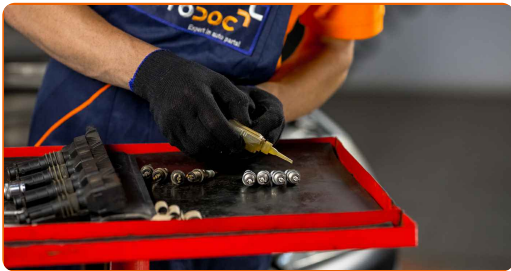
**10** Take out the spark plugs.



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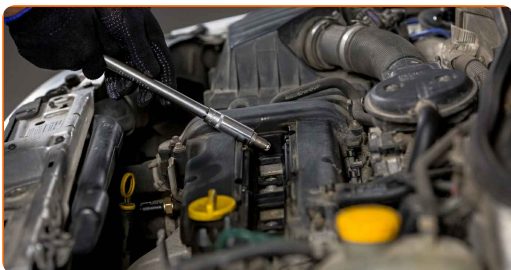


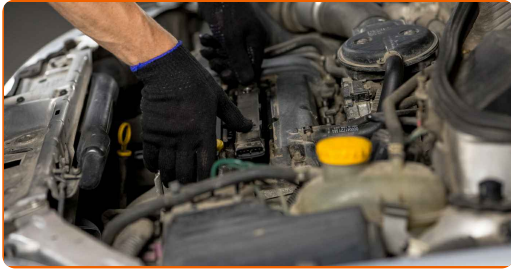**12** Install the new spark plugs into their mounting seats.

**13** Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 24 nm torque.
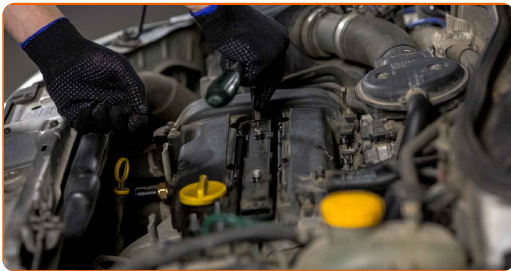


## Replacement: spark plugs – VAUXHALL Astra Mk2 Convertible (T85). Tip from AUTODOC:

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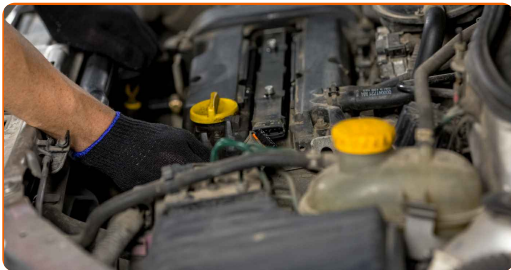


6–8

**15** Tighten the ignition coil fastening. Use Torx T40. Use a torque wrench. Tighten it to 12 nm torque.
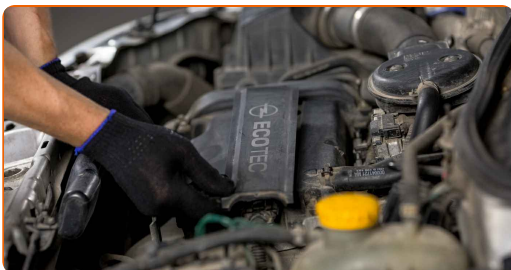


**16** Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.

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



**18** Install the engine cover and secure it. Use a flat screwdriver.

**Replacement: spark plugs – VAUXHALL Astra Mk2 Convertible (T85). AUTODOC experts recommend:**

- 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.

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

**20** Shut off the engine.

**21** Remove the fender protection cover.

**22** Close the hood.

## WELL DONE! 👍

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### SPARK PLUGS: A WIDE SELECTION

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