



How to change engine  
thermostat on  
**VAUXHALL Astra Mk IV  
(G) Convertible (T98)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

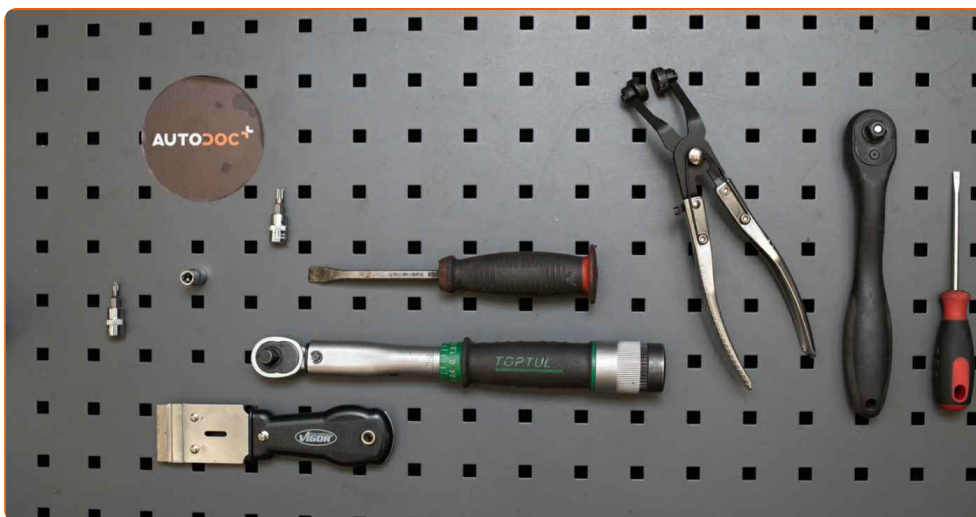
### Important!

This replacement procedure can be used for:  
VAUXHALL Astra Mk IV (G) Convertible (T98) 1.6 16V

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: ENGINE THERMOSTAT – VAUXHALL  
ASTRA MK IV (G) CONVERTIBLE (T98). TOOLS YOU  
NEED:



- All-purpose cleaning spray
- Torque wrench
- Drive socket # E8
- Torx bit T20
- Torx bit T30
- Ratchet wrench
- Clic-R collar pliers
- Seal scraper
- Flat Screwdriver
- Funnel
- Fluid container
- Microfibre towel
- Fender cover

**Buy tools**

Replacement: engine thermostat – VAUXHALL Astra Mk IV (G) Convertible (T98). AUTODOC recommends:

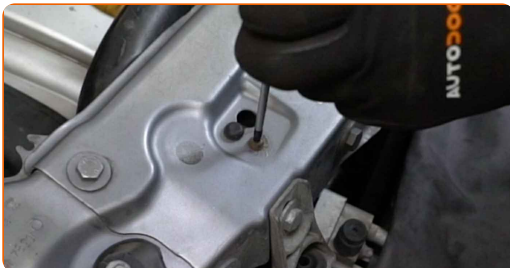
- Check the condition of the coolant every time you replace the thermostat. Change the coolant if necessary.
- Please note: all work on the car – VAUXHALL Astra Mk IV (G) Convertible (T98) – should be done with the engine switched off.

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

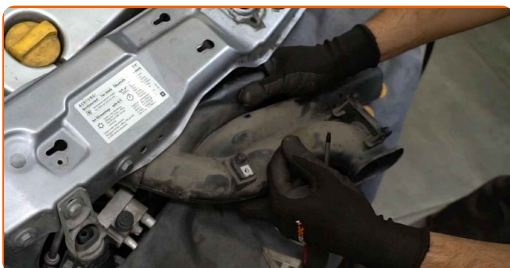
**1** Open the bonnet.

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

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



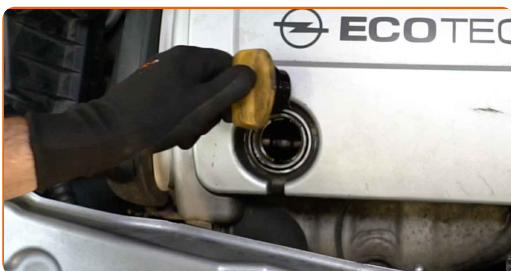
**4** Remove the air distribution housing assembly.



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

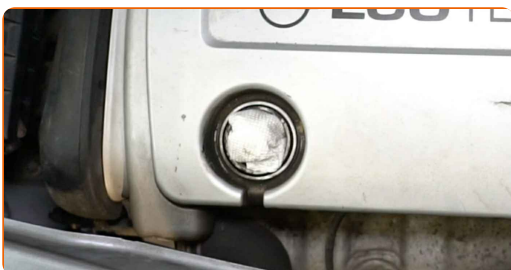


**6** Unscrew the oil filler plug.



**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.

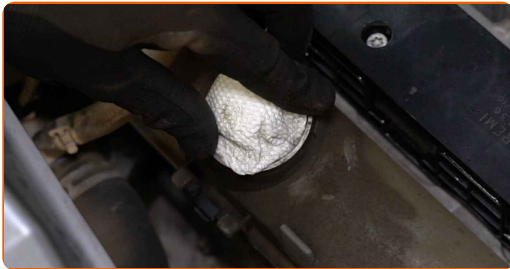


**AUTODOC recommends:**

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

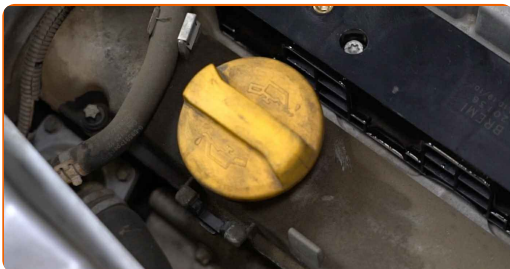
**10**

Remove the microfibre towel from the oil filler opening.



**11**

Install the oil filler cap.



**12**

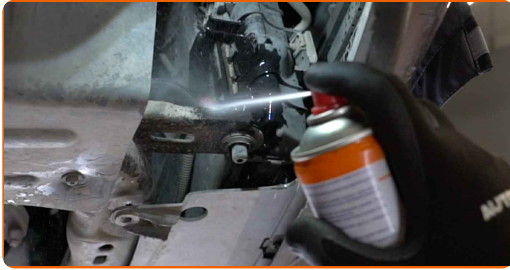
Unscrew the coolant reservoir cap.



**13**

Lift the car using a jack or place it over an inspection pit.

**14** Clean the coolant drain plug. Use all-purpose cleaning spray.



**15** Prepare a container for fluids.



**16** Open the coolant drain tap. Use a flat screwdriver.



**17** Drain the coolant from the engine.



Replacement: engine thermostat – VAUXHALL Astra Mk IV (G) Convertible (T98). Tip from AUTODOC experts:

- Caution! The coolant can be very hot.
- Wear gloves to prevent contact with hot liquid.
- All work should be done with the engine stopped.

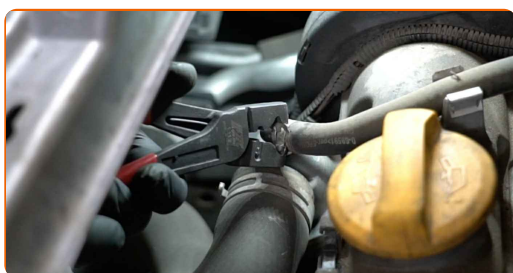
**18** Wait until the coolant has completely flowed out of the drain hole.

**19** Close the coolant drain tap. Use a flat screwdriver.

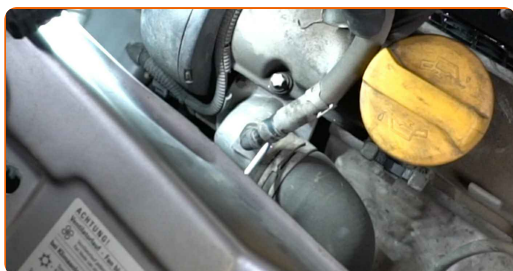


**20** Lower the car.

**21** Loosen the coolant hose clamp. Use clic-R collar pliers.



**22** Detach the coolant hose. Use a flat screwdriver.



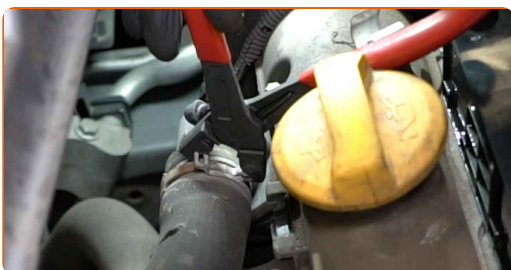


Replacement: engine thermostat – VAUXHALL Astra Mk IV (G) Convertible (T98). Tip from AUTODOC:

- Caution! Coolant may leak out of the coolant lines and thermostat housing.

23

Loosen the coolant hose clamp. Use clic-R collar pliers.



24

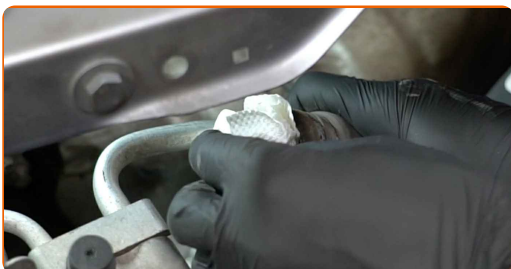
Detach the coolant hose.



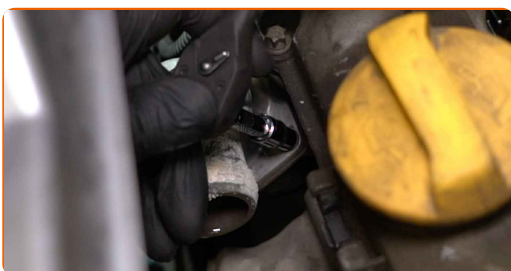
Replacement: engine thermostat – VAUXHALL Astra Mk IV (G) Convertible (T98). AUTODOC recommends:

- Caution! Coolant may leak out of the coolant lines and thermostat housing.

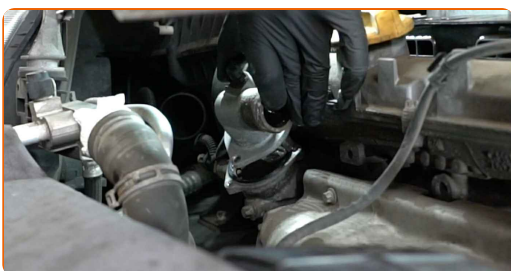
- 25 Cover the open end of the coolant hose with a microfibre cloth to prevent dirt and foreign objects from entering the system.



- 26 Unscrew the thermostat housing fasteners. Use a drive socket #E8. Use a ratchet wrench.



- 27 Remove the thermostat housing.



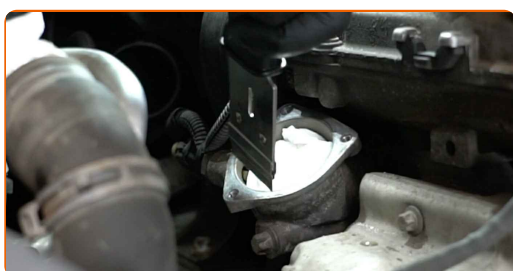
- 28 Remove the rubber strip.



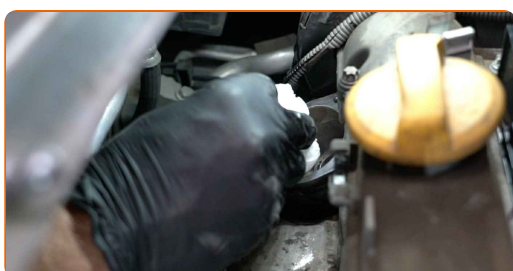
- 29 Cover the mounting seat of the thermostat housing with a microfibre cloth to prevent dirt and foreign objects from entering the system.



- 30 Clean the mounting seats of the thermostat housing. Use a seal scraper. Use all-purpose cleaning spray.



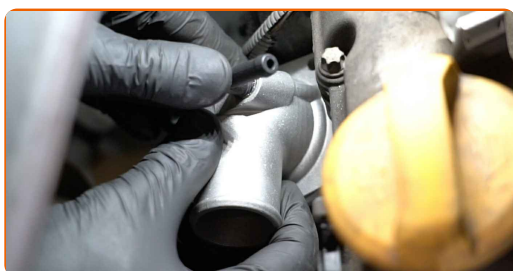
- 31 Remove the microfibre cloth from the mounting seat of the thermostat housing.



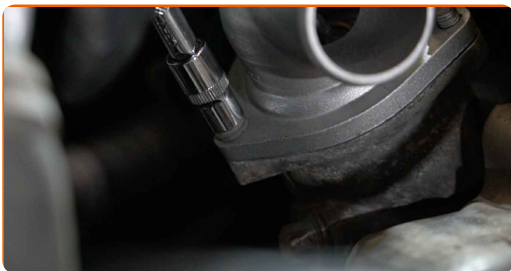
- 32 Install the rubber strip.



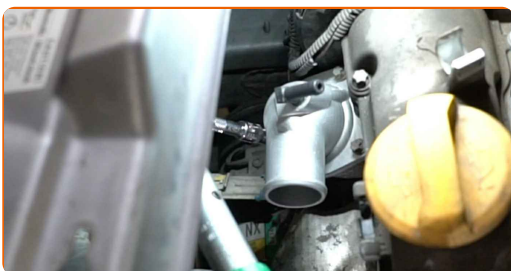
- 33 Install a new thermostat housing.



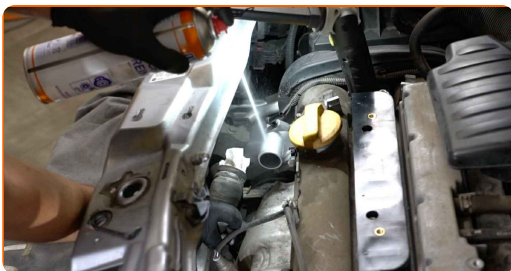
**34** Screw in the thermostat housing fasteners. Use a drive socket #E8. Use a ratchet wrench.



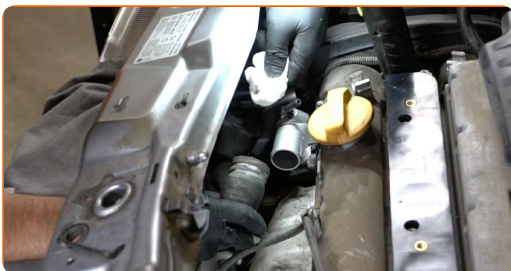
**35** Tighten the thermostat housing fasteners. Use a drive socket #E8. Use a torque wrench. Tighten it to 7 nm torque.



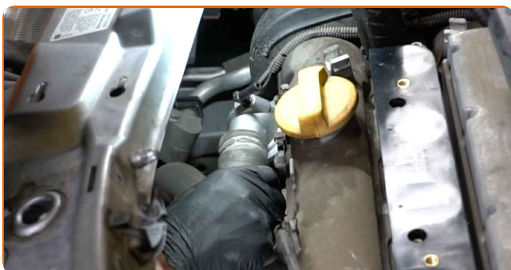
**36** Clean the thermostat housing. Use all-purpose cleaning spray.



**37** Remove the microfibre cloth from the coolant hose.



**38** Attach the coolant hose.



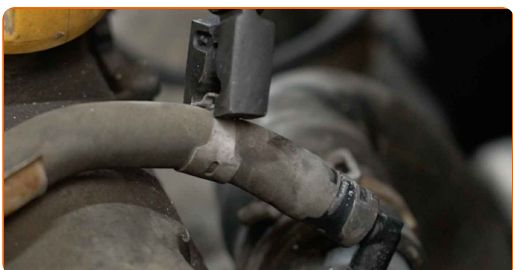
39 Secure the coolant hose clamp. Use clic-R collar pliers.



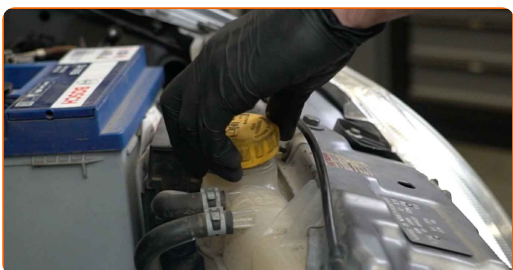
40 Attach the coolant hose.



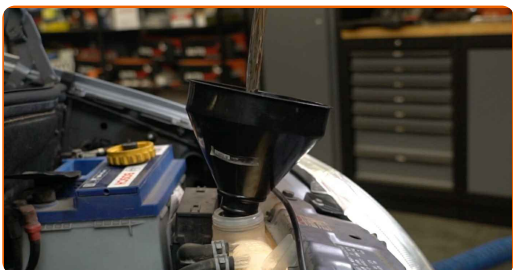
41 Secure the coolant hose clamp. Use clic-R collar pliers.



42 Remove the coolant reservoir cap. Insert the funnel.



43 Pour coolant in the coolant reservoir.



Replacement: engine thermostat – VAUXHALL Astra Mk IV (G) Convertible (T98). Tip from AUTODOC experts:

- Only use the coolant recommended by the manufacturer.
- The coolant level should be at the MAX mark.
- Wait until the air goes out of the system.

**44** Run the engine for a few minutes. This should be done in order to remove residual air from the cooling system and to check if the components are operating correctly.

**45** Check the coolant level. If necessary, top up to the required level.

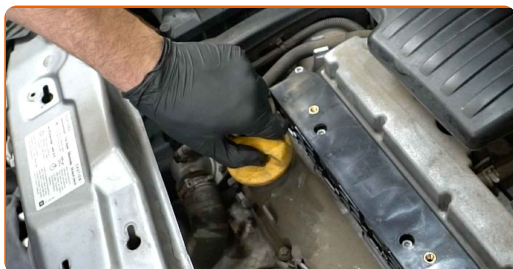


**46** Install the coolant reservoir cap.

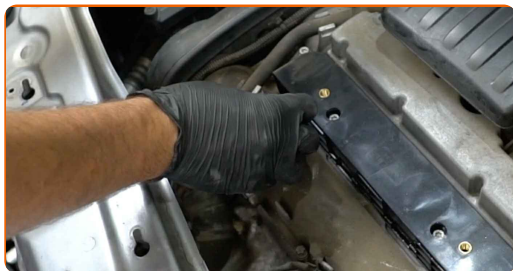
**47** Screw on the coolant reservoir cap.



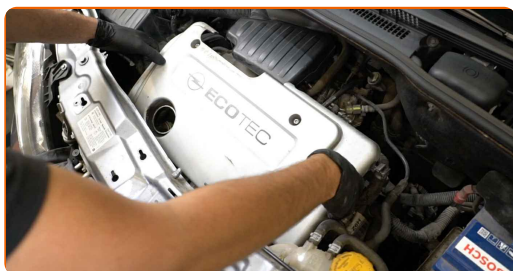
**48** Remove the oil filler cap.



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



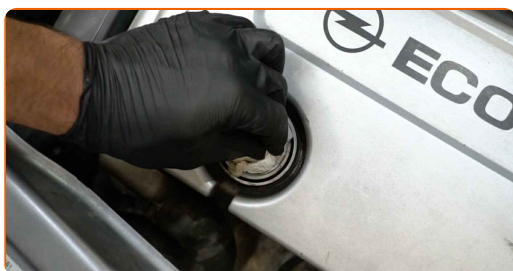
**50** Install the engine cover and secure it.



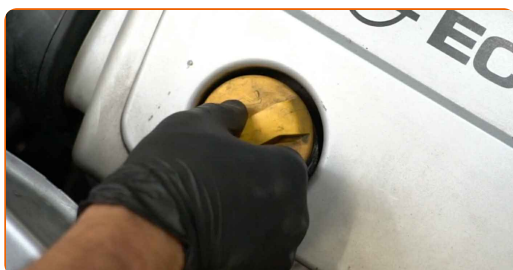
**AUTODOC recommends:**

- Caution! Do not use excessive force during installation. This may damage the fasteners of the car. VAUXHALL Astra Mk IV (G) Convertible (T98)

**51** Remove the microfibre towel from the oil filler opening.



**52** Install the oil filler cap.



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



**54** Tighten the oil filler cap.

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



**Replacement: engine thermostat – VAUXHALL Astra Mk IV (G) Convertible (T98). Tip:**

- When installing, do not use excessive force to avoid damage to the part.

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



**57** Remove the fender protection cover.



58

Close the hood.

**WELL DONE!** 

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