



How to change engine
thermostat on
VAUXHALL Vectra (B)
CC (J96) – 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 Vectra (B) CC (J96) 1.6 i 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 VECTRA (B) CC (J96). 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 Vectra (B) CC (J96). AUTODOC recommends:

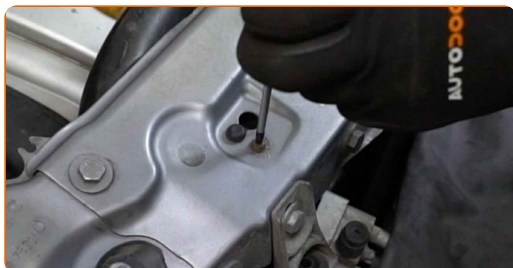
- Check the condition of the coolant every time you replace the thermostat. Change the coolant if necessary.
- Please note: all work on the car – VAUXHALL Vectra (B) CC (J96) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

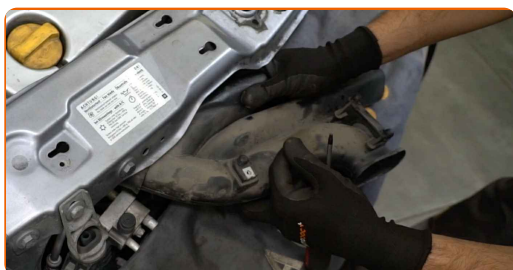
1 Open the bonnet.

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.

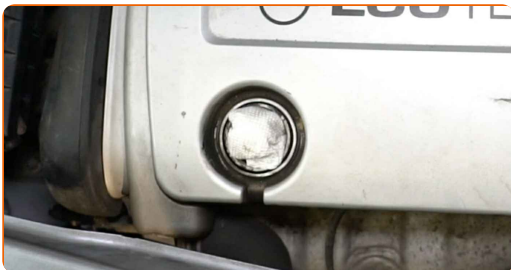


6 Unscrew the oil filler plug.



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.

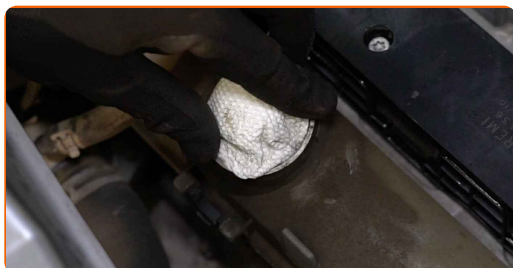


AUTODOC recommends:

- Replacement: engine thermostat – VAUXHALL Vectra (B) CC (J96). Do not use excessive force when removing the part as this may damage it.

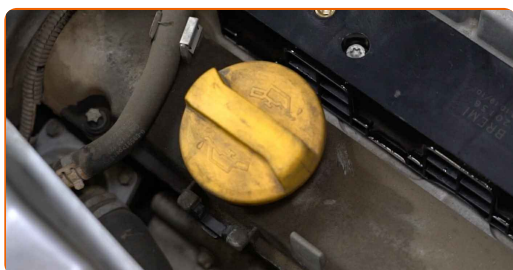
10

Remove the microfibre towel from the oil filler opening.



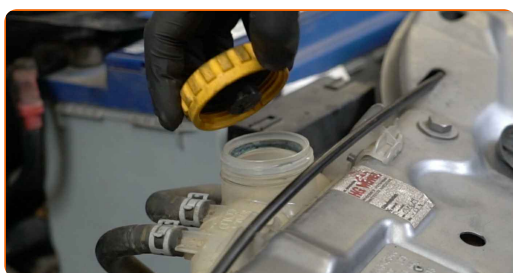
11

Install the oil filler cap.



12

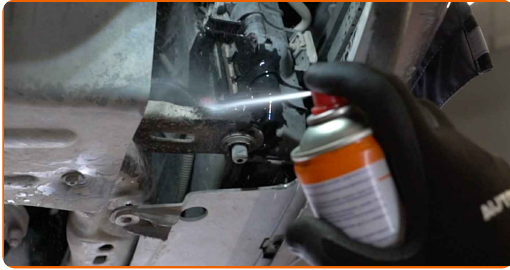
Unscrew the coolant reservoir cap.



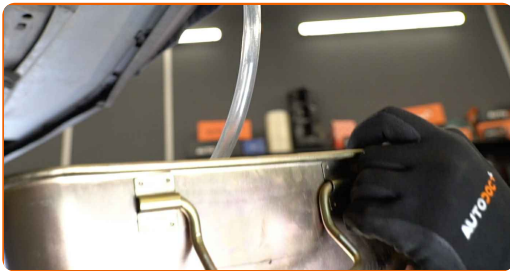
13

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

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



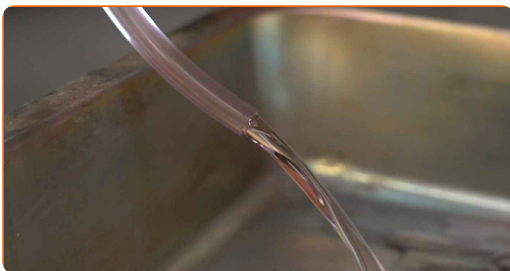
15 Prepare a container for fluids.



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



17 Drain the coolant from the engine.



Replacement: engine thermostat – VAUXHALL Vectra (B) CC (J96). 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.

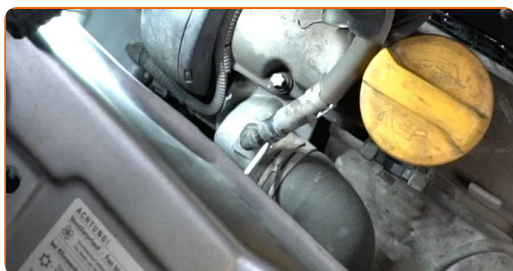


20 Lower the car.

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



22 Detach the coolant hose. Use a flat screwdriver.

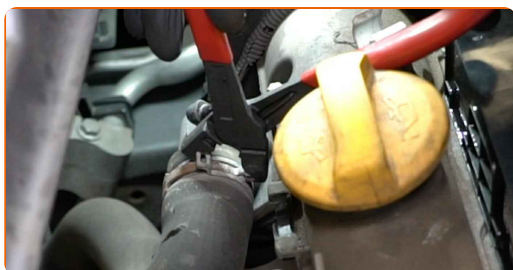


Replacement: engine thermostat – VAUXHALL Vectra (B) CC (J96). Tip from AUTODOC:

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

23

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



24

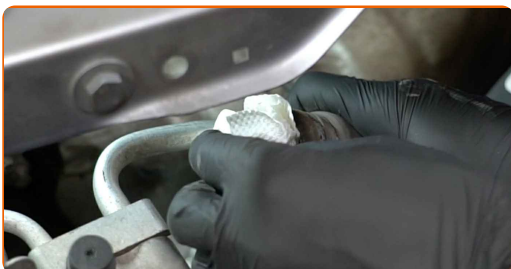
Detach the coolant hose.



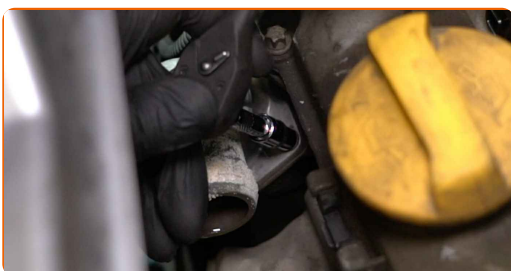
Replacement: engine thermostat – VAUXHALL Vectra (B) CC (J96). AUTODOC recommends:

- 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.



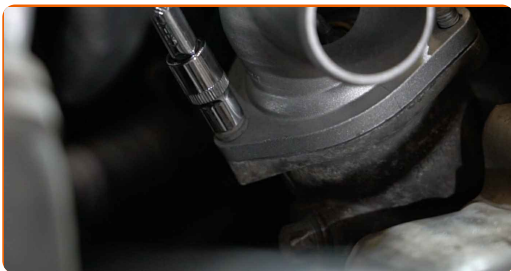
- 32 Install the rubber strip.



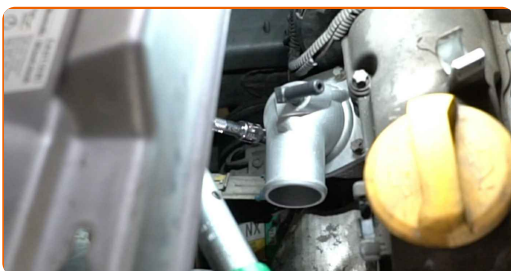
- 33 Install a new thermostat housing.



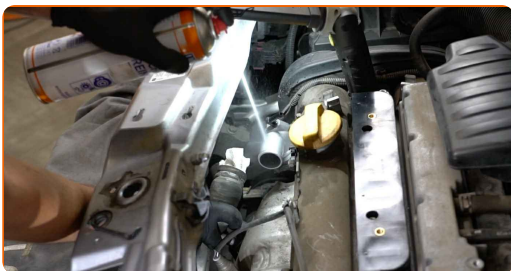
34 Screw in the thermostat housing fasteners. Use a drive socket #E8. Use a ratchet wrench.



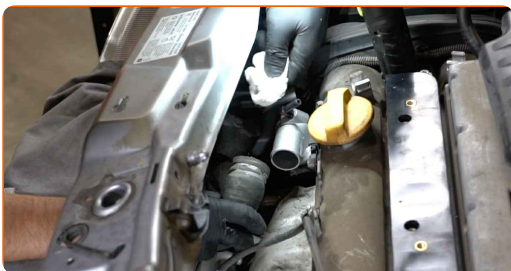
35 Tighten the thermostat housing fasteners. Use a drive socket #E8. Use a torque wrench. Tighten it to 7 nm torque.



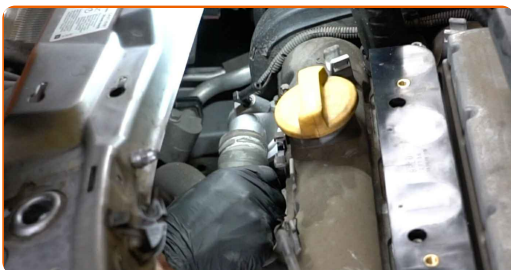
36 Clean the thermostat housing. Use all-purpose cleaning spray.



37 Remove the microfibre cloth from the coolant hose.



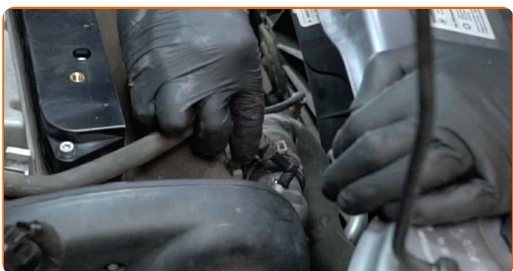
38 Attach the coolant hose.



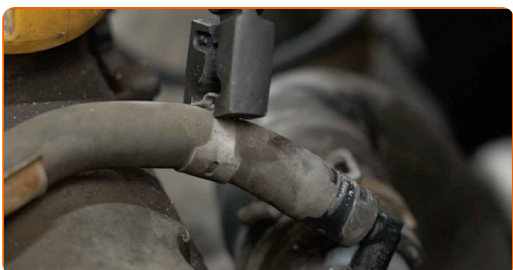
39 Secure the coolant hose clamp. Use clic-R collar pliers.



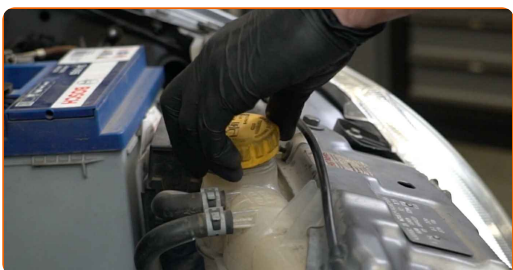
40 Attach the coolant hose.



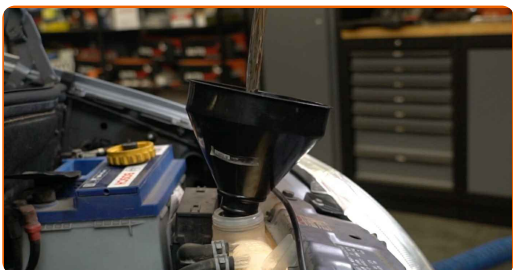
41 Secure the coolant hose clamp. Use clic-R collar pliers.



42 Remove the coolant reservoir cap. Insert the funnel.



43 Pour coolant in the coolant reservoir.

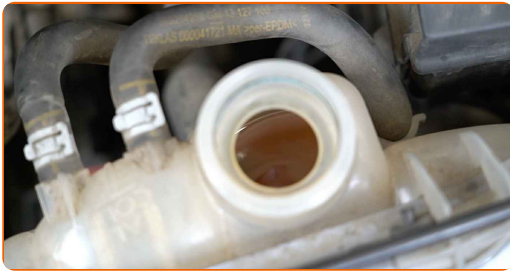


Replacement: engine thermostat – VAUXHALL Vectra (B) CC (J96). Tip from AUTODOC experts:

- 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.

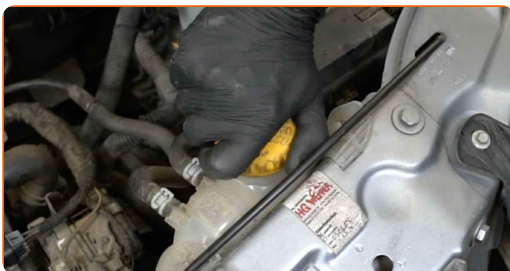
44 Run the engine for a few minutes. This should be done in order to remove residual air from the cooling system and to check if the components are operating correctly.

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

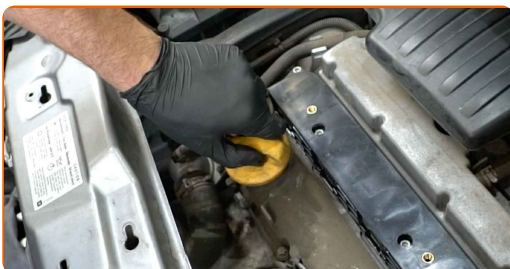


46 Install the coolant reservoir cap.

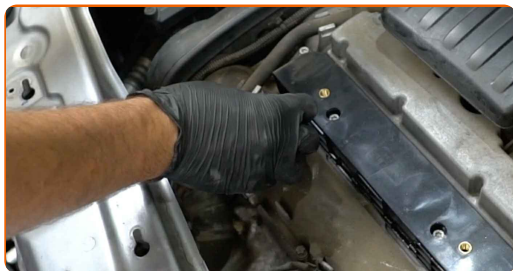
47 Screw on the coolant reservoir cap.



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.



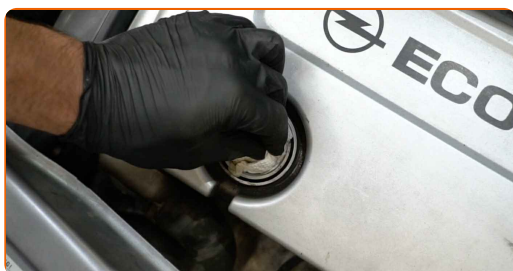
50 Install the engine cover and secure it.



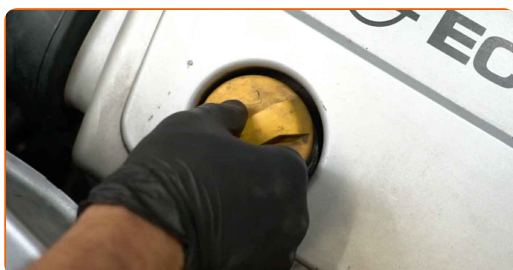
AUTODOC recommends:

- Caution! Do not use excessive force during installation. This may damage the fasteners of the car. VAUXHALL Vectra (B) CC (J96)

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 Vectra (B) CC (J96). 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! 

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

ENGINE THERMOSTAT: 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.