



How to change engine  
thermostat on  
**VAUXHALL Cavalier Mk  
III CC (J89) –**  
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 Cavalier Mk III CC (J89) 1.6, VAUXHALL Cavalier Mk III CC (J89) 1.6 i

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 B Hatchback (S93) 1.4 i (F08, F68, M68)

REPLACEMENT: ENGINE THERMOSTAT – VAUXHALL CAVALIER MK III CC (J89). TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- Torque wrench
- Torx bit E10
- Ratchet wrench
- Clip removal tool
- Clic-R collar pliers
- Seal scraper
- Funnel
- Fluid container
- Fender cover

**Buy tools**

Replacement: engine thermostat – VAUXHALL Cavalier Mk III CC (J89).  
AUTODOC recommends:

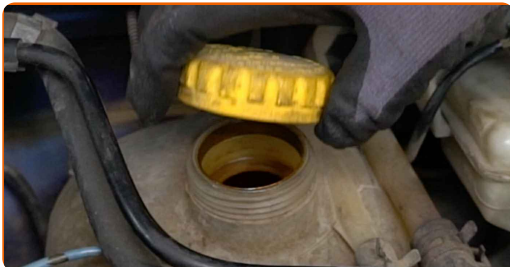
- Check the condition of the coolant every time you replace the thermostat. Change the coolant if necessary.
- Please note: all work on the car – VAUXHALL Cavalier Mk III CC (J89) – should be done with the engine switched off.
- All work should be done with the engine stopped.

**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 coolant reservoir cap.



**4** Raise the car.

Replacement: engine thermostat – VAUXHALL Cavalier Mk III CC (J89).  
Professionals recommend:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

**5** Clean the lower coolant pipe mounting seat. Use all-purpose cleaning spray.



**6** Prepare a container for fluids.



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



**8** Detach the coolant hose.



Replacement: engine thermostat – VAUXHALL Cavalier Mk III CC (J89).  
AUTODOC experts recommend:

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

9

Drain the coolant from the engine.



Replacement: engine thermostat – VAUXHALL Cavalier Mk III CC (J89). Tip:

- Wear gloves to prevent contact with hot liquid.

10

Attach the coolant hose.



11

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



**12** Lower the car.

**13** Remove the clip on the air filter intake hose. Use a clip removal tool.



**14** Disconnect the air intake pipe from the air filter housing.



**15** Clean the coolant hose connections. Use all-purpose cleaning spray.

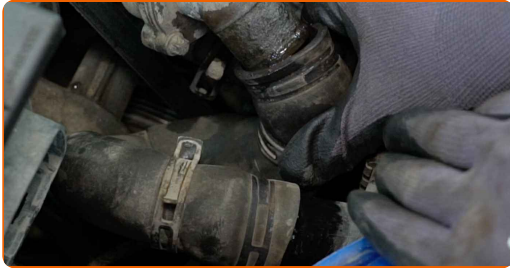


**16** Loosen the clamps of the coolant hoses. Use clic-R collar pliers.



**17**

Detach the coolant hose.



Replacement: engine thermostat – VAUXHALL Cavalier Mk III CC (J89).  
AUTODOC recommends:

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

**18**

Cover the radiator hose to prevent dirt or foreign objects from entering the system.



**19**

Clean the thermostat housing. Use a wire brush. Use all-purpose cleaning spray.





**20** Unscrew the thermostat housing fasteners. Use Torx E10. Use a ratchet wrench.



**21** Remove the thermostat housing together with the thermostat.



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



**23** Remove the rubber strip.



24

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



25

Install the new thermostat housing together with the thermostat.

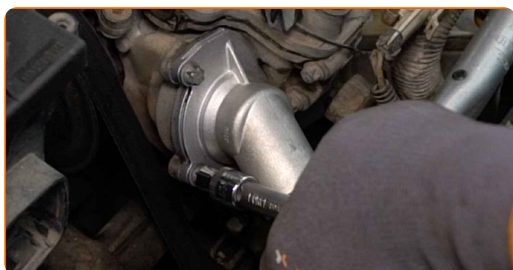


26

Install the rubber strip.

27

Tighten the thermostat housing fasteners. Use Torx T10. Use a torque wrench. Tighten it to 6 Nm torque.



28

Attach the coolant hose.



**29** Fasten the clamps of the coolant hoses. Use clic-R collar pliers.



**30** Clean the coolant hose connections. Use all-purpose cleaning spray.

**31** Connect the air intake pipe to the air filter housing.



**32** Attach the clip on the air filter intake hose.



**33** Remove the coolant reservoir cap.



**34**

Insert the funnel.



**35**

Pour coolant in the coolant reservoir.



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Professionals recommend:

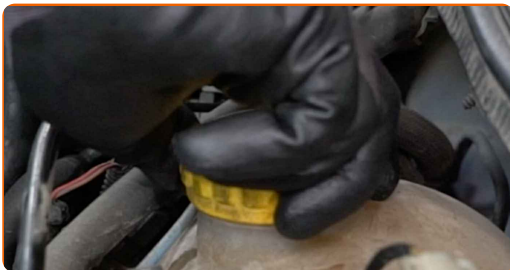
- Only use the coolant recommended by the manufacturer.
- The coolant level should be at the MAX mark.
- Wait until the air goes out of the system.

**36**

Install the coolant reservoir cap.

**37**

Screw on the coolant reservoir cap.



38 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.

39 Shut off the engine.

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



41 Remove the fender protection cover.

42 Close the hood.

**WELL DONE!** 

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