

How to change engine thermostat on **OPEL Combo C Tour** – replacement guide





#### SIMILAR VIDEO TUTORIAL



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

### (i) Important!

This replacement procedure can be used for: OPEL Combo C Tour 1.6

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)

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## REPLACEMENT: ENGINE THERMOSTAT – OPEL COMBO C TOUR. 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** 

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### Replacement: engine thermostat – OPEL Combo C Tour. 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 OPEL Combo C Tour should be done with the engine switched off.
- All work should be done with the engine stopped.

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

- Open the bonnet.
- Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.
- Unscrew the coolant reservoir cap.



A Raise the car.

### Replacement: engine thermostat – OPEL Combo C Tour. 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.

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



6 Prepare a container for fluids.



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



8 Detach the coolant hose.



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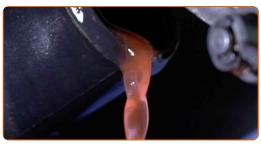




### Replacement: engine thermostat – OPEL Combo C Tour. AUTODOC experts recommend:

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

9 Drain the coolant from the engine.



### Replacement: engine thermostat – OPEL Combo C Tour. Tip:

- Wear gloves to prevent contact with hot liquid.
- 10 Attach the coolant hose.



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



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- Lower the car.
- Remove the clip on the air filter intake hose. Use a clip removal tool.



Disconnect the air intake pipe from the air filter housing.



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



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



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19





17 Detach the coolant hose.



## Replacement: engine thermostat – OPEL Combo C Tour. AUTODOC recommends:

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

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



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



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



Remove the thermostat housing together with the thermostat.



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



Remove the rubber strip.



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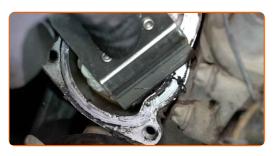








Clean the mounting seats of the thermostat housing. Use all-purpose cleaning spray. Use a seal scraper.



Install the new thermostat housing together with the thermostat.



- 26 Install the rubber strip.
- Tighten the thermostat housing fasteners. Use Torx T10. Use a torque wrench. Tighten it to 6 Nm torque.



28 Attach the coolant hose.



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



- Clean the coolant hose connections. Use all-purpose cleaning spray.
- Connect the air intake pipe to the air filter housing.



Attach the clip on the air filter intake hose.



Remove the coolant reservoir cap.



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34 Insert the funnel.



Pour coolant in the coolant reservoir.



Replacement: engine thermostat – OPEL Combo C Tour. 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.
- Install the coolant reservoir cap.
- 37 Screw on the coolant reservoir cap.



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



- Remove the fender protection cover.
- Close the hood.



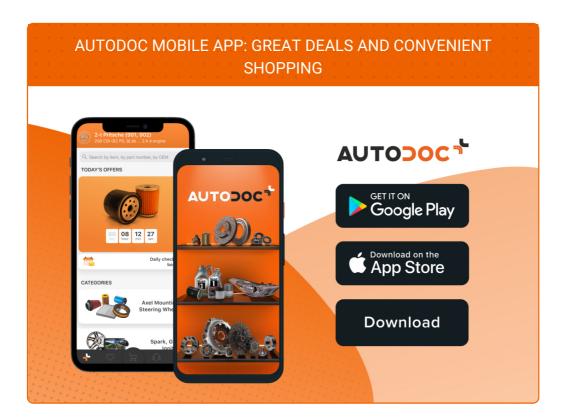
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