



How to change engine  
thermostat on **PEUGEOT**  
**5008 I (0U\_, 0E\_)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



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

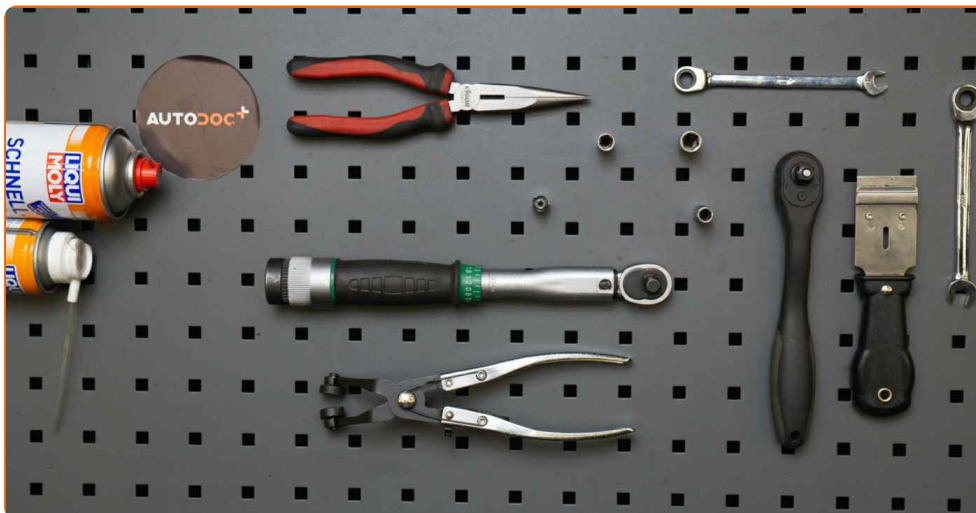
### Important!

This replacement procedure can be used for:  
PEUGEOT 5008 I (0U\_, 0E\_) 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: PEUGEOT 207 Hatchback 1.6 16V VTi

**REPLACEMENT: ENGINE THERMOSTAT – PEUGEOT 5008 I (0U\_, 0E\_). TOOLS YOU'LL NEED:**



- Electronic spray
- All-purpose cleaning spray
- Torque wrench
- Combination spanner #7
- Combination spanner #8
- Drive socket # E5
- Drive socket # 7
- Drive socket # 8
- Drive socket # 10
- Ratchet wrench
- Seal scraper
- Round-nose pliers
- Clic-R collar pliers
- Flat Screwdriver
- Funnel
- Fluid container
- Fender cover
- Wheel chock

**Buy tools**

Replacement: engine thermostat – PEUGEOT 5008 I (0U\_, 0E\_). Tip from AUTODOC:

- Check the condition of the coolant every time you replace the thermostat. Change the coolant if necessary.
- All work should be done with the engine stopped.

**REPLACEMENT: ENGINE THERMOSTAT – PEUGEOT 5008 I (0U\_, 0E\_). TAKE THE FOLLOWING STEPS:**

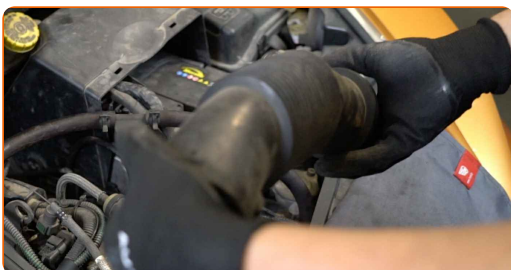
**1** Open the bonnet.

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

**3** Disconnect the air intake pipe fastening. Use a drive socket #10. Use a ratchet wrench.



**4** Remove the air intake pipe.



**5** Remove the battery cover.



**6** Unscrew the fasteners of the car battery terminals. Use a combination spanner #8.



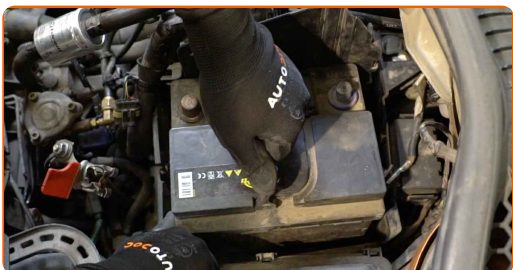
**7** Remove the battery terminals.



**8** Press the battery retainers to release them.



**9** Remove the battery.



**10** Remove the electronic control unit.



**11** Remove the engine wiring harness cover.



**12** Detach the engine wiring harness connectors. Use a flat screwdriver.



**13** Unscrew the coolant reservoir cap.



**14** Secure the wheels with chocks.

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



**16** Prepare a container for fluids.



**17** Detach the clamp of the lower coolant pipe. Use a combination spanner #7.



**18** Detach the lower coolant pipe.



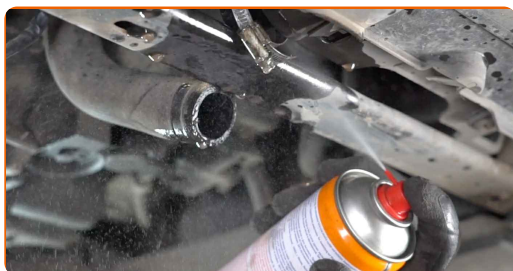
**19** Drain the coolant from the engine.



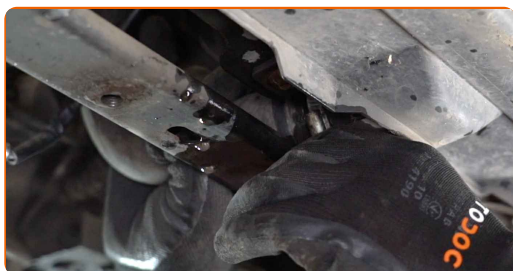
**AUTODOC recommends:**

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

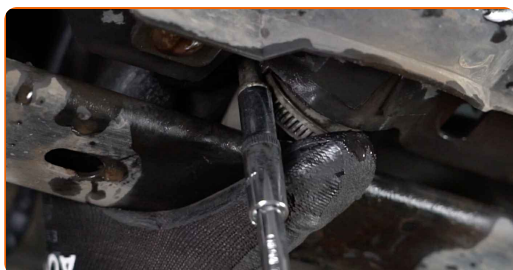
**20** Clean the lower coolant pipe mounting seat. Use all-purpose cleaning spray.



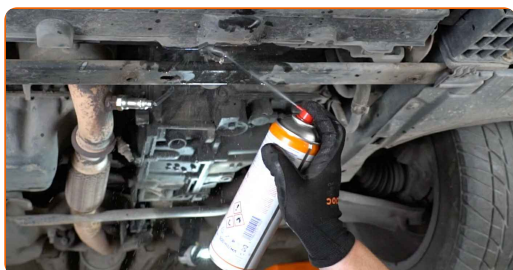
**21** Attach the lower coolant pipe.



**22** Attach the clamp of the lower coolant pipe. Use a combination spanner #7.



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



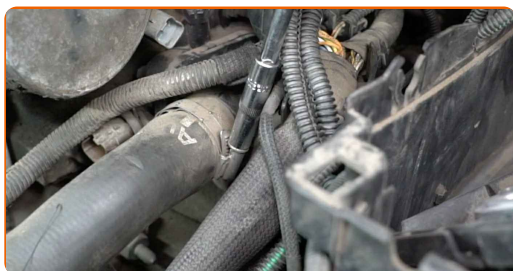
**24** Lower the car.

**25** Remove the jacks and chocks.



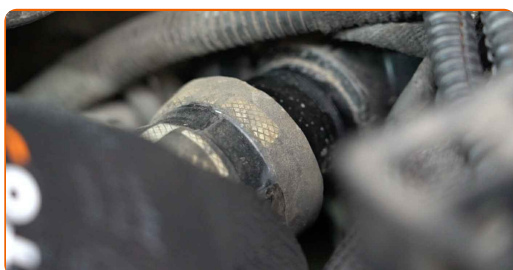
26

Loosen the coolant hose clamp. Use a drive socket #7. Use a ratchet wrench.



27

Detach the coolant hose.

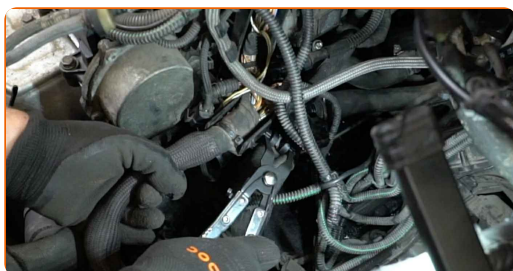


Replacement: engine thermostat – PEUGEOT 5008 I (0U\_, 0E\_). AUTODOC recommends:

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

28

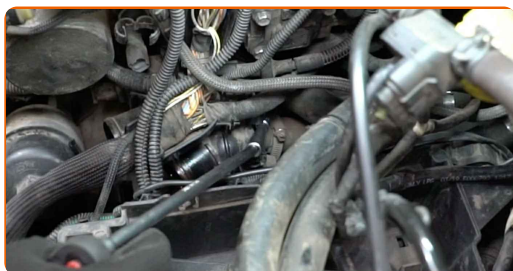
Loosen the coolant hose clamp. Use clic-R collar pliers.



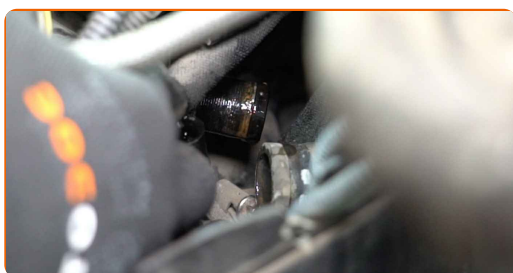
Replacement: engine thermostat – PEUGEOT 5008 I (0U\_, 0E\_). Tip:

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

**29** Loosen the coolant hose clamp. Use a drive socket #7. Use a ratchet wrench.



**30** Detach the coolant hose.



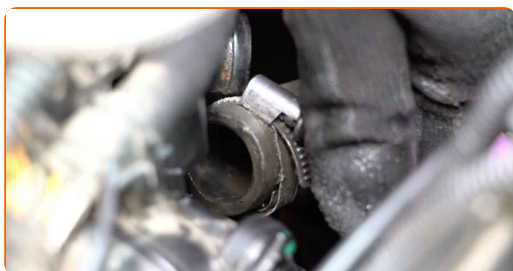
**AUTODOC recommends:**

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

**31** Loosen the coolant hose clamp. Use a drive socket #7. Use a ratchet wrench.



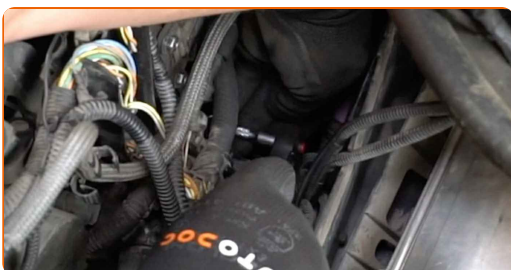
**32** Detach the coolant hose.



Replacement: engine thermostat – PEUGEOT 5008 I (0U\_, 0E\_). Professionals recommend:

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

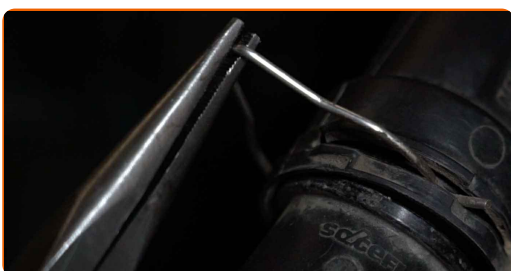
**33** Unscrew the thermostat housing fasteners. Use a drive socket #8. Use a drive socket #10. Use a ratchet wrench.



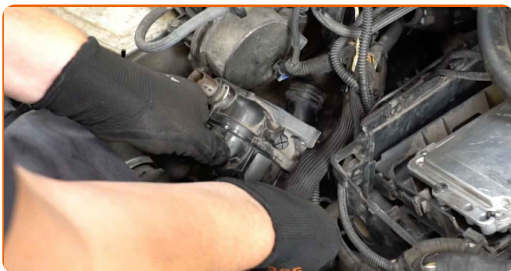
**34** Unscrew the thermostat housing mounting stud. Use a drive socket #E5. Use a ratchet wrench.



**35** Detach the clip of the upper coolant hose. Use round-nose pliers.



**36** Remove the thermostat housing.



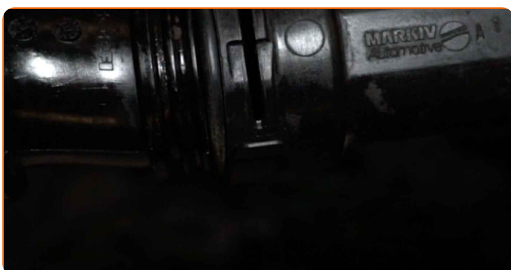
**37** Clean the thermostat housing mounting seat. Use a seal scraper. Use all-purpose cleaning spray.



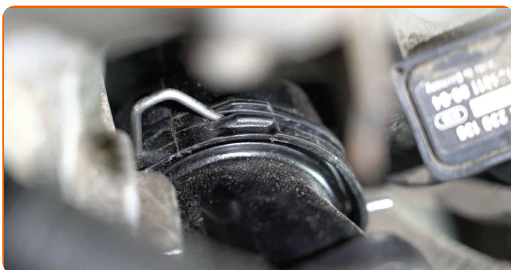
**38** Install the new thermostat housing.



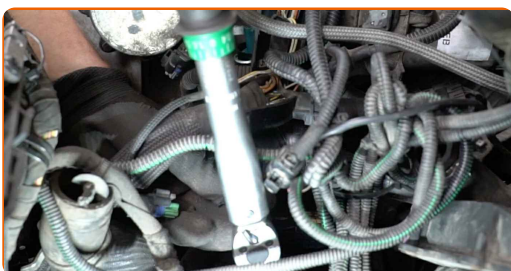
**39** Attach the coolant hose.



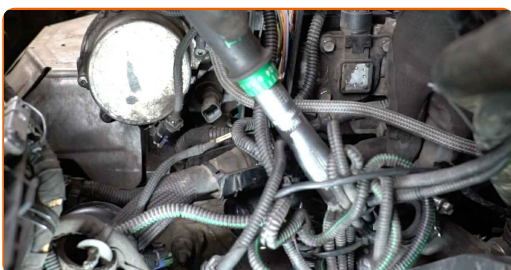
**40** Attach the clip of the upper coolant hose.



- 41** Tighten the thermostat housing fasteners. Use a drive socket #8. Use a drive socket #10. Use a torque wrench. Tighten it to 13 nm torque.



- 42** Tighten the thermostat housing mounting stud. Use a drive socket #E5. Use a torque wrench. Tighten it to 11 nm torque.



- 43** Attach the coolant hose.



- 44** Secure the coolant hose clamp. Use a drive socket #7. Use a ratchet wrench.



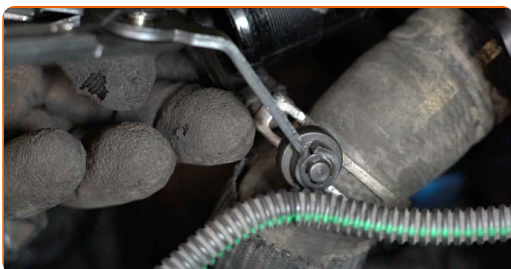


45 Attach the coolant hose.

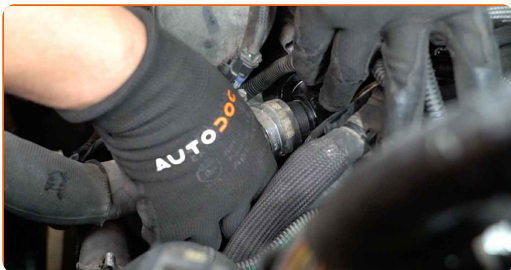


46 Secure the coolant hose clamp. Use a drive socket #7. Use a ratchet wrench.

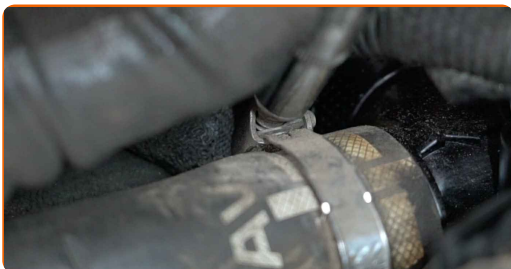
47 Secure the coolant hose clamp. Use clic-R collar pliers.



48 Attach the coolant hose.



49 Secure the coolant hose clamp. Use a drive socket #7. Use a ratchet wrench.

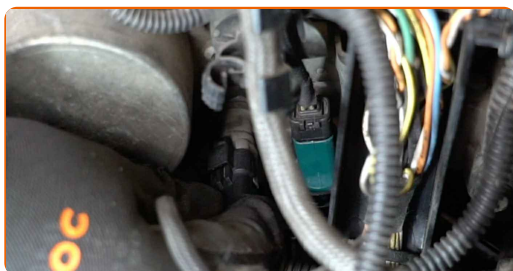




**50** Treat the engine wiring harness connectors. Use electronic spray.



**51** Attach the engine wiring harness connectors.



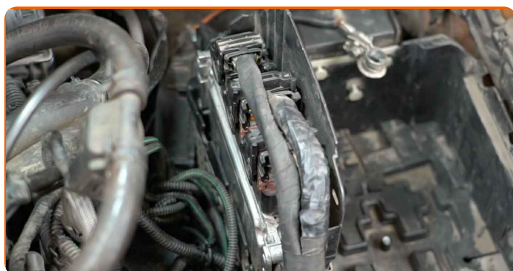
**52** Install the engine wiring harness cover. Make sure you hear a click indicating that it is locked in place.



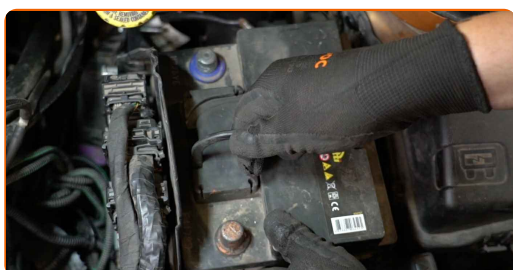
**AUTODOC recommends:**

- Replacement: engine thermostat – PEUGEOT 5008 I (0U\_, 0E\_). Do not use excessive force during installation. This may damage the part.

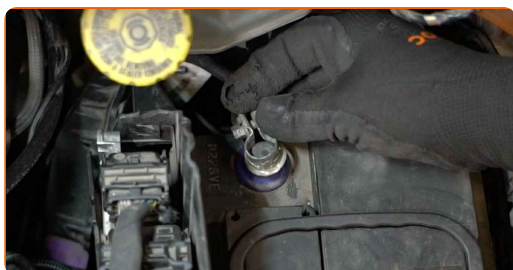
**53** Install the electronic control unit.



**54** Install the battery. Make sure you hear a click indicating that it is locked in place.

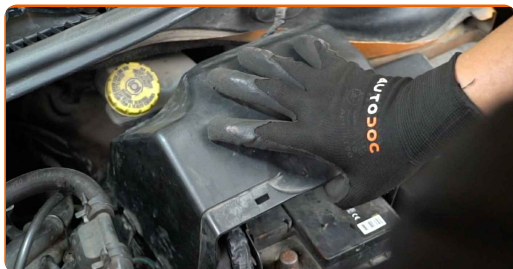


**55** Attach the terminals to the battery.



**56** Screw in the fasteners of the battery terminals. Use a combination spanner #8.

**57** Install the battery cover.

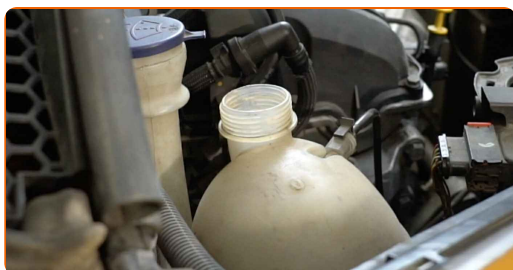


Replacement: engine thermostat – PEUGEOT 5008 I (0U\_, 0E\_). AUTODOC recommends:

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

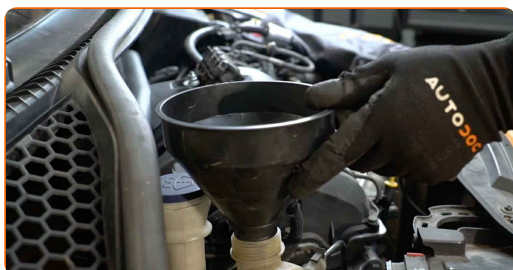
**58**

Remove the coolant reservoir cap.



**59**

Insert the funnel.



**60**

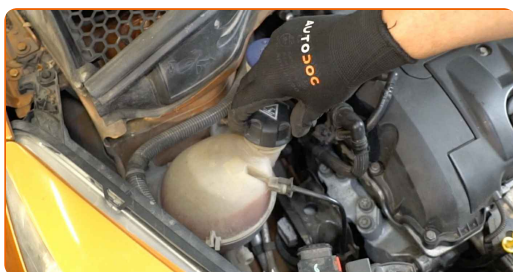
Pour coolant in the coolant reservoir.



Replacement: engine thermostat – PEUGEOT 5008 I (0U\_, 0E\_). AUTODOC experts recommend:

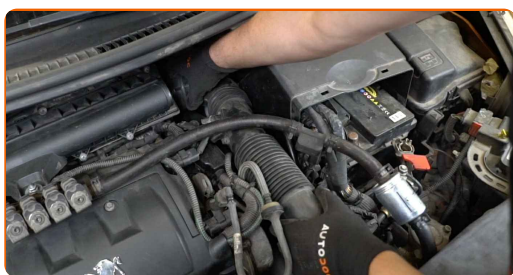
- Only use the coolant recommended by the manufacturer.
- The coolant level should be at the MAX mark.
- Wait until the air goes out of the system.

**61** Install the coolant reservoir cap.



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

**63** Install the air intake pipe and secure it.



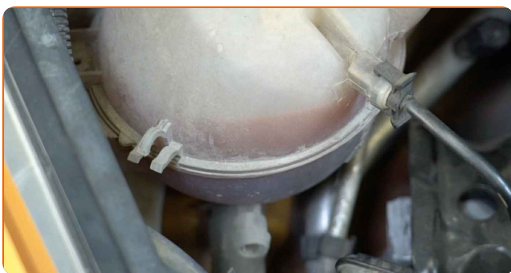
**64** Screw in the fastener of the air intake pipe. Use a drive socket #10. Use a ratchet wrench.



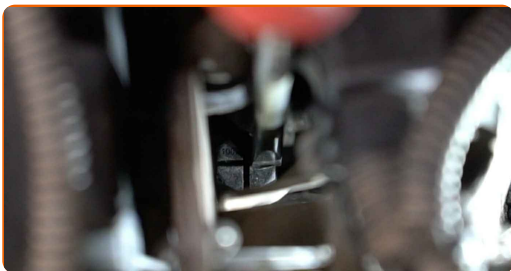
**65** Run the engine for a few minutes. This should be done in order to remove residual air from the cooling system and to check if the components are operating correctly.

**66** Shut off the engine.

**67** Undo the bleed screw. Use a flat screwdriver. Wait until the air goes out of the system.



**68** Tighten the bleed screw.



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

**Please note!**

- The coolant level should be at the MAX mark.

**70** Remove the fender protection cover.

**71** Close the hood.

**WELL DONE!** 

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