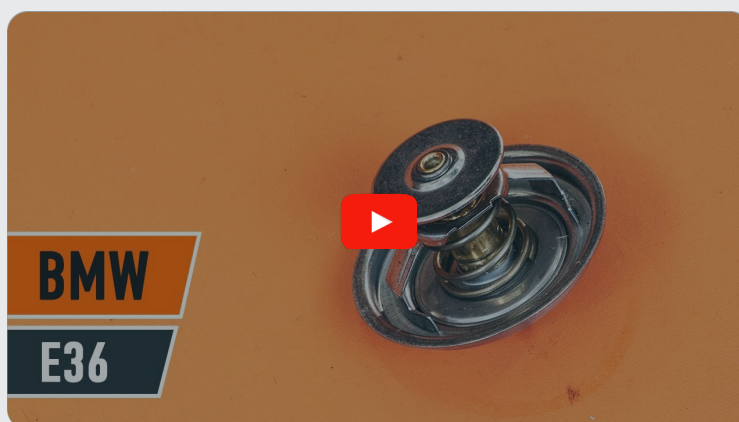


VIDEO TUTORIAL



i Important!

This replacement procedure can be used for:

BMW 3 Saloon (E36) 316i 1.6, BMW 3 Saloon (E36) 318i 1.8, BMW 3 Saloon (E36) 318is 1.8, BMW 3 Coupe (E36) 318is 1.8, BMW 3 Saloon (E36) 320i 2.0, BMW 3 Coupe (E36) 320i 2.0, BMW 3 Saloon (E36) 325i 2.5, BMW 3 Coupe (E36) 325i 2.5, BMW 5 Saloon (E34) 520i 2.0 24V, BMW 5 Saloon (E34) 525i 2.5 24V, BMW 5 Saloon (E34) 525iX 2.5 24V, BMW 3 Convertible (E36) 320i 2.0, BMW 3 Convertible (E36) 325i 2.5, BMW 3 Compact (E36) 318ti 1.8, BMW 3 Touring (E36) 320i 2.0, (+ 18)

The steps may slightly vary depending on the car design.

REPLACEMENT: ENGINE THERMOSTAT – BMW E36. AUTODOC RECOMMENDS:



- All-purpose cleaning spray
- Sealant
- Torque wrench
- Drive socket # 7
- Drive socket # 10
- Drive socket # 13
- Ratchet wrench
- Clip removal tool
- Seal scraper
- Flat screwdriver
- Funnel
- Fluid container
- Fender cover

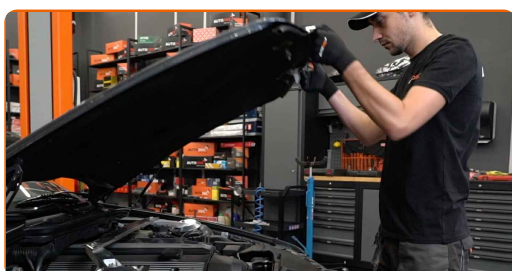
BUY TOOLS

Replacement: engine thermostat – BMW E36. Tip from AUTODOC:

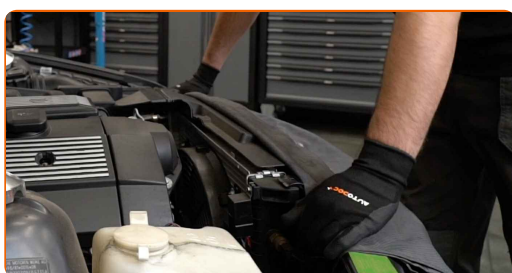
- Check the condition of the coolant every time you replace the thermostat. Change the coolant if necessary.
- Please note: all work on the car – BMW E36 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood.

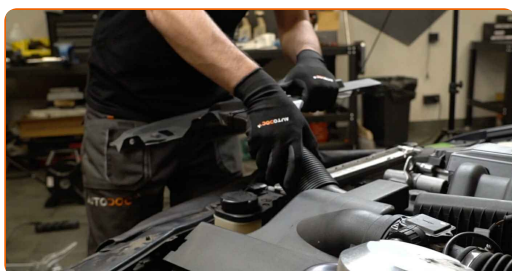


2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



3 Remove the fasteners of the air duct housing. Use a clip removal tool.

4 Remove the air distribution housing assembly.



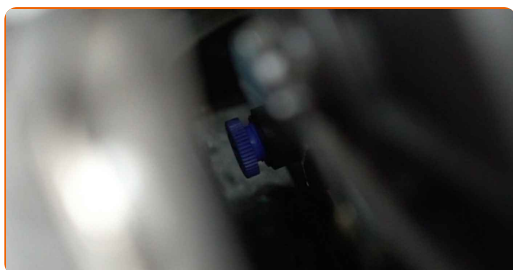
- 5 Unscrew the coolant reservoir cap.



- 6 Prepare a container for fluids.



- 7 Open the coolant drain tap.



- 8 Drain the coolant from the engine.



Replacement: engine thermostat – BMW E36. AUTODOC experts recommend:

- Caution! The coolant can be very hot.
- Wear gloves to prevent contact with hot liquid.
- All work should be done with the engine stopped.
- Wait until the coolant has completely flowed out of the drain hole.

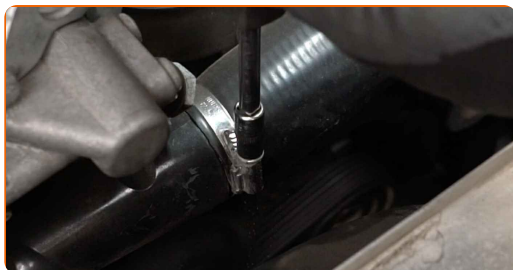
9

Close the coolant drain tap.



10

Loosen the clamps of the coolant hoses. Use a drive socket #7. Use a ratchet wrench.



11

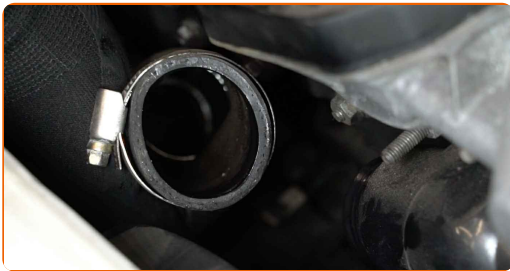
Detach the coolant pipe.



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



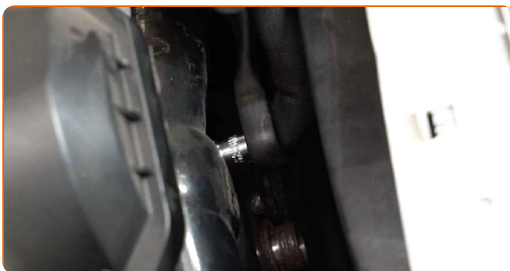
- 13** Detach the coolant pipe.



- 14** Detach the coolant pipe bracket. Use a drive socket #13. Use a ratchet wrench.



- 15** Unscrew the thermostat housing fasteners. Use a drive socket #10. Use a ratchet wrench.



- 16 Clean the thermostat housing fasteners. Use all-purpose cleaning spray.



- 17 Unscrew the thermostat housing fasteners. Use a drive socket #10. Use a ratchet wrench.



- 18 Remove the thermostat housing.



AUTODOC recommends:

- Replacement: engine thermostat – BMW E36. To avoid damaging the part when removing it, do not use excessive force.
- Caution! Coolant may leak out of the coolant lines and thermostat housing.

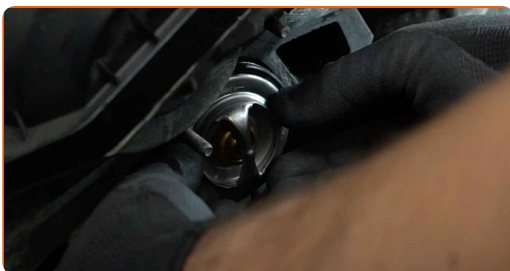
19 Remove the thermostat.



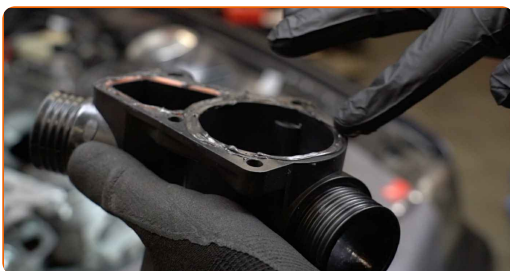
20 Clean the thermostat housing mounting seat. Use a flat screwdriver. Use a seal scraper. Use all-purpose cleaning spray.



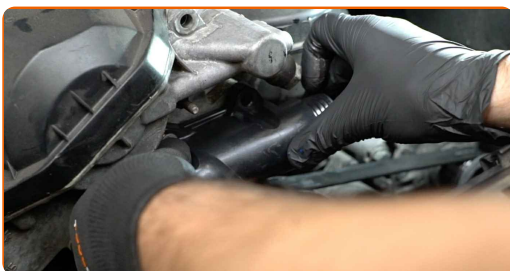
21 Install a new thermostat.



22 Treat the thermostat housing mounting seat. Use a sealant.



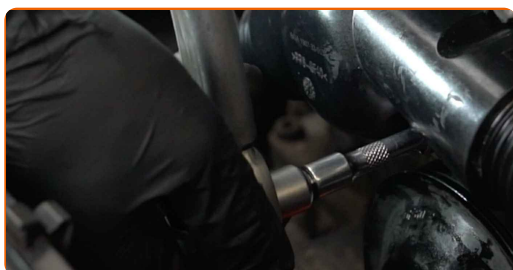
23 Install the new thermostat housing.



AUTODOC recommends:

- Replacement: engine thermostat – BMW E36. Do not use excessive force during installation. This may damage the part.

24 Tighten the thermostat housing fasteners. Use a drive socket #10. Use a torque wrench. Tighten it to 7 nm torque.



25 Attach the coolant pipe bracket. Use a drive socket #13. Use a torque wrench. Tighten it to 11 nm torque.



26 Tighten the thermostat housing fasteners. Use a drive socket #10. Use a torque wrench. Tighten it to 7 nm torque.

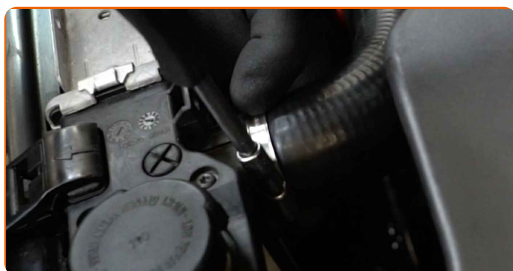
27 Clean the thermostat housing fasteners. Use all-purpose cleaning spray.



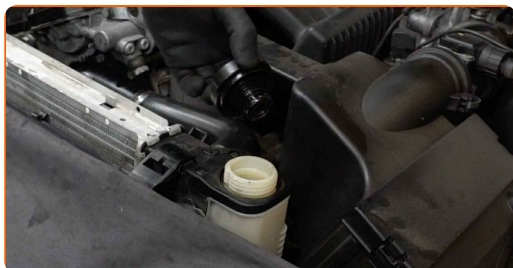
- 28 Connect the coolant hoses to the thermostat housing.



- 29 Fasten the clamps of the coolant hoses. Use a drive socket #7. Use a ratchet wrench.



- 30 Remove the coolant reservoir cap.



- 31 Insert the funnel.



- 32 Pour coolant in the coolant reservoir.

