



How to change engine
thermostat on **FORD**
MONDEO III (B5Y) –
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:

FORD MONDEO III (B5Y) 1.8 16V, FORD MONDEO III (B5Y) 2.0 16V, FORD MONDEO III (B5Y) 1.8 SCi

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: FORD MONDEO III Saloon (B4Y) 2.0 16V

REPLACEMENT: ENGINE THERMOSTAT – FORD MONDEO III (B5Y). TOOLS YOU NEED:



- All-purpose cleaning spray
- Electronic spray
- Sealant
- Torque wrench
- Drive socket # 8
- Drive socket # 10
- Ratchet wrench
- Seal scraper
- Flat screwdriver
- Funnel
- Fluid container
- Clic-R collar pliers

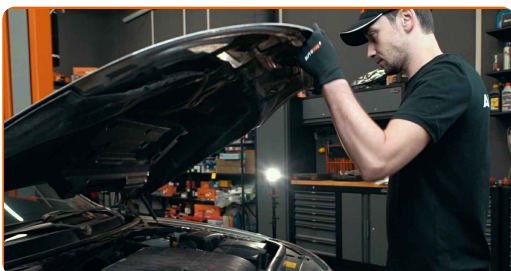
Buy tools

Replacement: engine thermostat – FORD MONDEO III (B5Y). AUTODOC experts recommend:

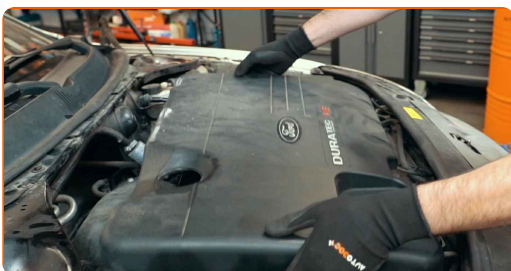
- Check the condition of the coolant every time you replace the thermostat. Change the coolant if necessary.
- All work should be done with the engine stopped.

REPLACEMENT: ENGINE THERMOSTAT – FORD MONDEO III (B5Y). TAKE THE FOLLOWING STEPS:

1 Open the bonnet.



2 Remove the engine cover.



AUTODOC recommends:

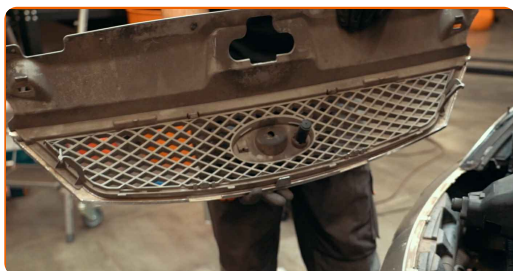
- Replacement: engine thermostat – FORD MONDEO III (B5Y). Do not use excessive force when removing the part as this may damage it.

3

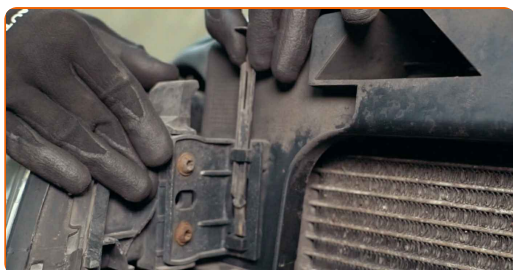
Unscrew the radiator grille fastener.

**4**

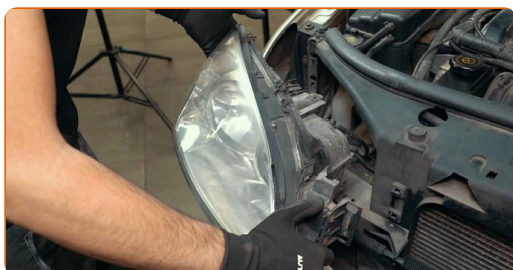
Remove the radiator grille.

**5**

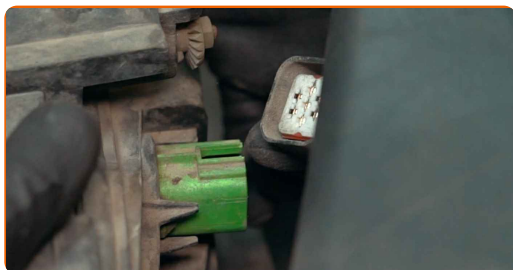
Remove the retainers of the right headlight.

**6**

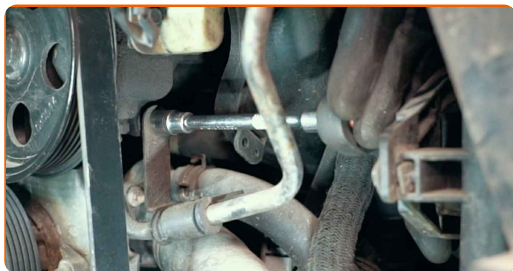
Remove the right headlight.

**7**

Detach the connector of the right headlight.



8 Unscrew the fastener of the power steering pipe bracket. Use a drive socket #10. Use a ratchet wrench.



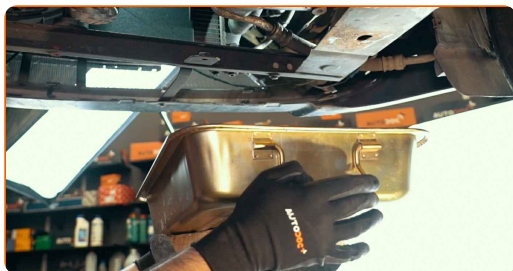
9 Unscrew the coolant reservoir cap.



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



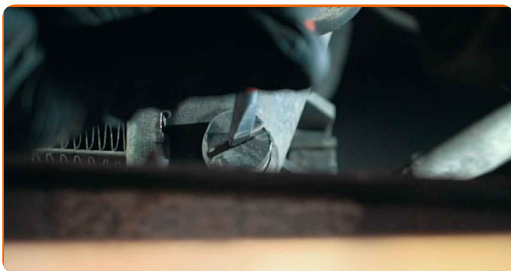
11 Prepare a container for fluids.



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



13 Unscrew the coolant drain plug. Use a flat screwdriver.



14 Drain the coolant from the engine.



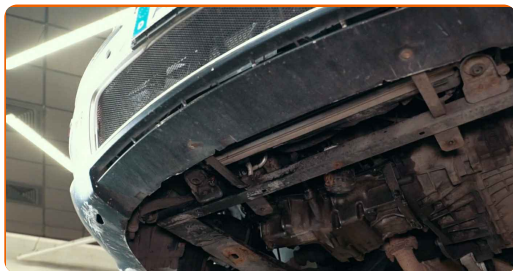
Replacement: engine thermostat – FORD MONDEO III (B5Y). Professionals recommend:

- 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.

15 Screw in the coolant drain plug. Use a flat screwdriver.



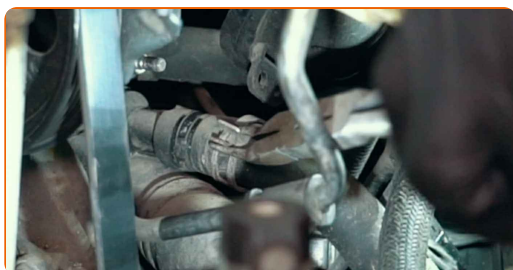
16 Lower the car.



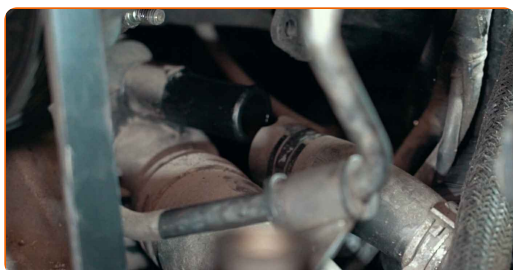
17 Loosen the clamps of the coolant hoses. Use clic-R collar pliers.



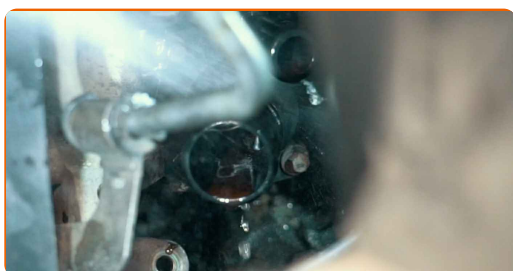
18 Detach the clamps of the coolant hoses.



19 Disconnect the coolant hoses from the thermostat housing.

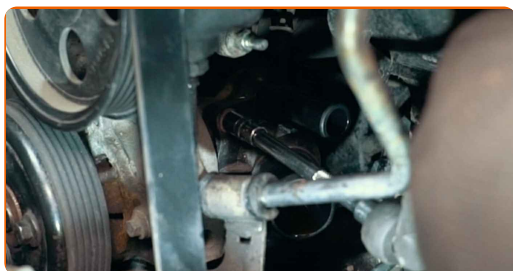


20 Clean the thermostat housing. Use all-purpose cleaning spray.



21

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



22

Remove the thermostat housing together with the thermostat.

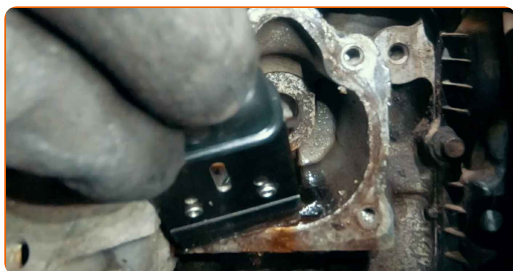


Replacement: engine thermostat – FORD MONDEO III (B5Y). Tip from AUTODOC:

- Do not apply excessive force when removing the part. Otherwise you may damage it.

23

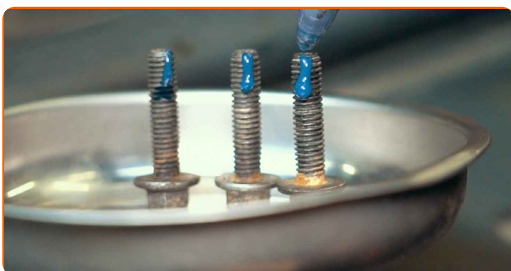
Clean the mounting seats of the thermostat housing. Use all-purpose cleaning spray. Use a seal scraper.



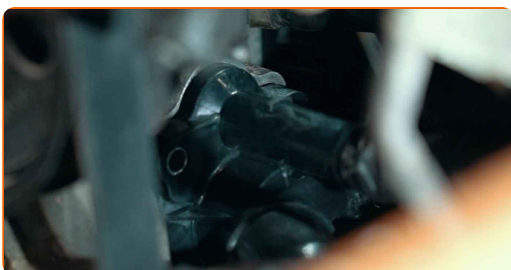
24 Clean the thermostat housing. Use all-purpose cleaning spray.



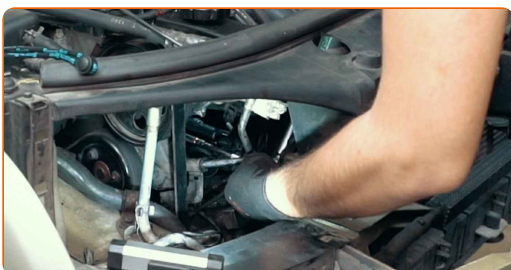
25 Treat the thermostat housing. Use a sealant.



26 Install the new thermostat housing together with the thermostat.



27 Tighten the thermostat housing fasteners. Use a drive socket #8. Use a torque wrench. Tighten it to 6 Nm torque.



28 Connect the coolant hoses to the thermostat housing.



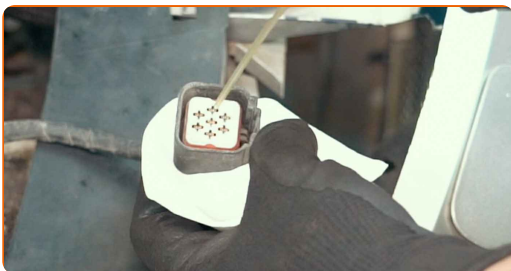
29 Attach the clamps of the coolant hoses. Use clic-R collar pliers.



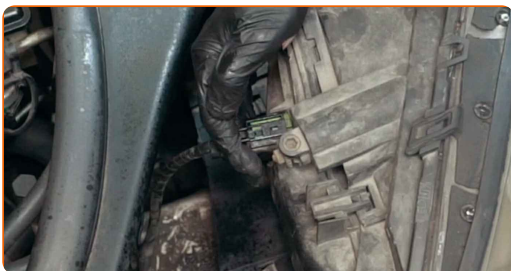
30 Screw on the fastener of the power steering pipe bracket.



31 Treat the connector of the right headlight. Use dielectric grease.



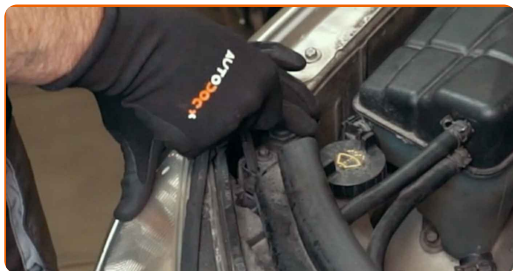
32 Attach the connector of the right headlight.



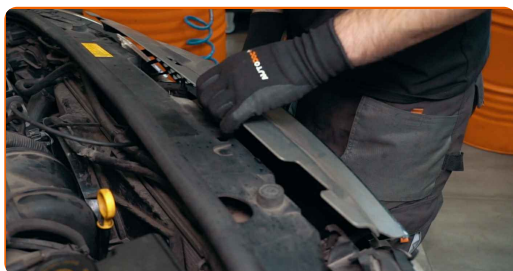
33 Install the right headlight.



34 Install the retainers of the right headlight.



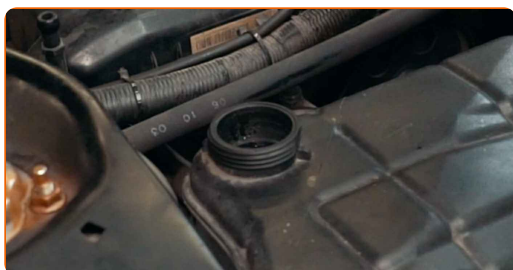
35 Install the radiator grille.



36 Screw in the fastener of the radiator grille.



37 Remove the coolant reservoir cap.



38 Insert the funnel.



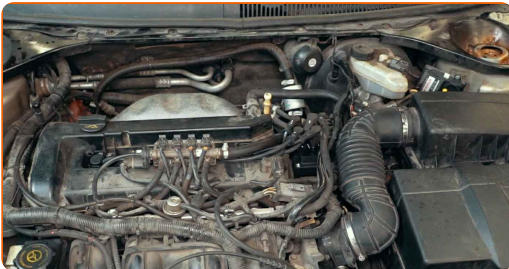
39 Pour coolant in the coolant reservoir.



Replacement: engine thermostat – FORD MONDEO III (B5Y). AUTODOC recommends:

- 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.

40 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.



41 Shut off the engine.

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

43 Install the coolant reservoir cap.

44

Screw on the coolant reservoir cap.



45

Install the engine cover and secure it.

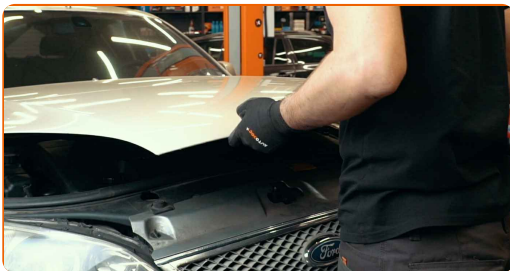


AUTODOC recommends:

- Replacement: engine thermostat – FORD MONDEO III (B5Y). To avoid damaging the part during installation, do not use excessive force.

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Close the hood.



WELL DONE! 

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ENGINE THERMOSTAT: A WIDE SELECTION

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