



How to change engine
thermostat on **Ford
Transit Mk7 van** –
replacement guide

VIDEO TUTORIAL



ⓘ Important!

This replacement procedure can be used for:

FORD MONDEO III Estate (BWY) 2.2 TDCi, FORD Transit Mk6 Bus (V347, V348, FD, FB, FS, FZ, FC) 2.2 TDCi, FORD Transit Mk6 Bus (V347, V348, FD, FB, FS, FZ, FC) 2.2 TDCi RWD, FORD Transit Mk6 Box (V347, V348, FA) 2.2 TDCi, FORD Transit Mk6 Box (V347, V348, FA) 2.2 TDCi RWD, FORD Transit Mk6 Box (V347, V348, FA) 2.2 TDCi 4x4, FORD Transit Mk6 Platform / Chassis (V347, V348, FM, FN, FF) 2.2 TDCi, FORD Transit Mk6 Platform / Chassis (V347, V348, FM, FN, FF) 2.2 TDCi RWD, FORD Transit Mk6 Platform / Chassis (V347, V348, FM, FN, FF) 2.2 TDCi 4x4, FORD RANGER (TKE) 2.2 TDCi, FORD RANGER (TKE) 2.2 TDCi 4x4, FORD RANGER (TKE) 3.2 TDCi 4x4, FORD TRANSIT Bus (FD_ , FB_ , FS_ , FZ_ , FC_) 2.4 DI RWD (F_B_ , F_C_ , F_A_), FORD TRANSIT Bus (FD_ , FB_ , FS_ , FZ_ , FC_) 2.4 DI, FORD TRANSIT Box (FA_) 2.4 DI, (+ 55)

The steps may slightly vary depending on the car design.

REPLACEMENT: ENGINE THERMOSTAT – FORD TRANSIT MK7 VAN. TOOLS YOU MIGHT NEED:



- Wire brush
- All-purpose cleaning spray
- T25 Torx bit
- T30 Torx bit
- Ratchet wrench
- U-joint socket extension
- Slotted screwdriver
- Funnel
- Hose clamp pliers
- Fluid drain pan
- Paper towels
- Fender cover

BUY TOOLS

Replacement: engine thermostat – Ford Transit Mk7 van. AUTODOC experts recommend:

- All the work should be carried out with the engine cooled down and ignition switched off.

REPLACEMENT: ENGINE THERMOSTAT – FORD TRANSIT MK7 VAN. TAKE THE FOLLOWING STEPS:

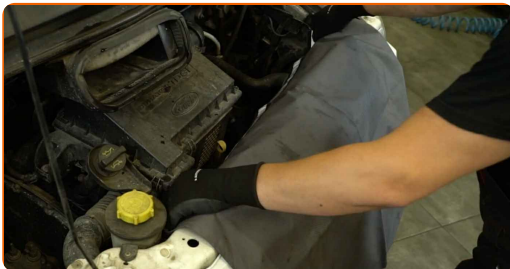
1

Open the bonnet.



2

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



3

Unscrew the coolant reservoir cap.



4

Lift the vehicle using a vehicle lift or place it over an inspection pit.



5

Prepare a fluid drain pan.



6

Unscrew the coolant drain plug. Use a slotted screwdriver.



7

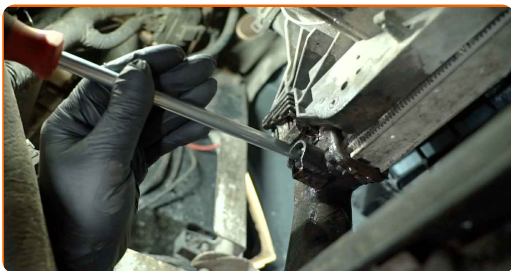
Drain the coolant.



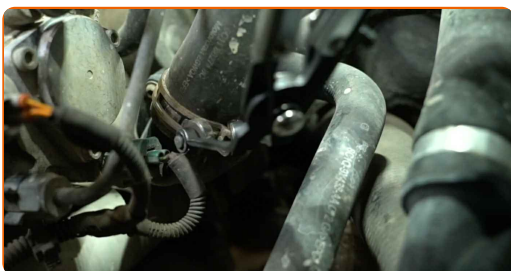
Replacement: engine thermostat – Ford Transit Mk7 van. AUTODOC recommends:

- Wait until the coolant has completely flowed out of the drain hole.

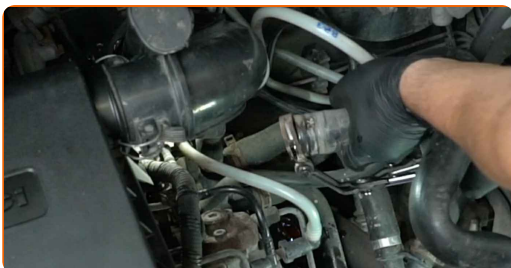
- 8 Screw in the coolant drain plug. Use a slotted screwdriver.



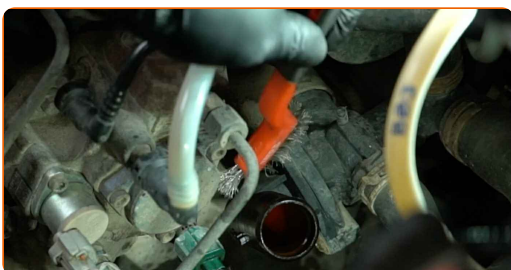
- 9 Loosen the coolant hose clamp. Use hose clamp pliers.



- 10 Detach the coolant hose and plug it with a paper towel.



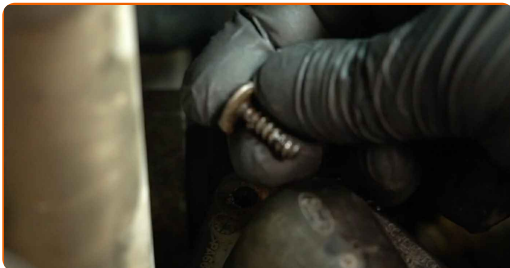
- 11 Clean the fasteners of the thermostat housing cover. Use a wire brush. Use an all-purpose cleaning spray.



- 12** Unscrew the fasteners of the thermostat housing cover. Use a T25 Torx bit. Use a U-joint socket extension. Use a ratchet wrench.



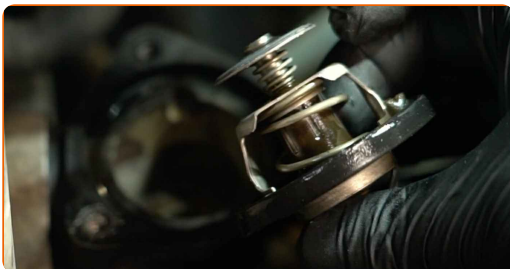
- 13** Remove the fastening bolts.



- 14** Remove the thermostat housing cover.



- 15** Remove the thermostat.



16

Clean the mounting seat of the thermostat housing cover. Use an all-purpose cleaning spray.

**17**

Install a new thermostat.

**18**

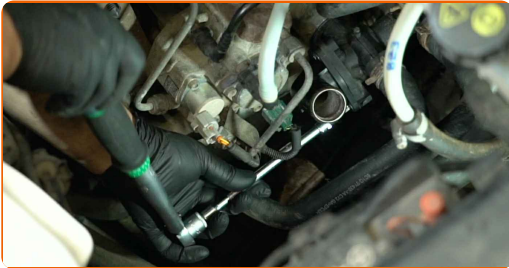
Install the thermostat housing cover.

**19**

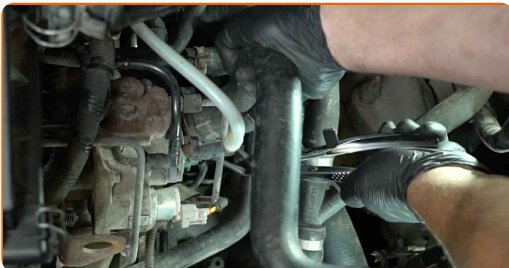
Install the fastening bolts.



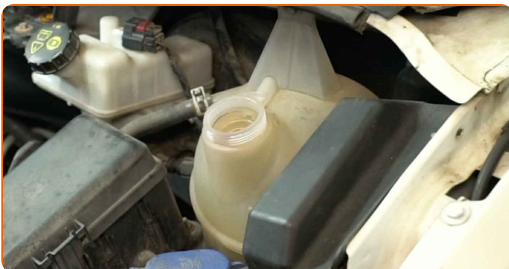
- 20** Tighten the fasteners of the thermostat housing cover. Use a T30 Torx bit. Use a U-joint socket extension. Use a torque wrench. Tightening torque: 10 N·m.



- 21** Remove the towel from the coolant hose and reattach it. Use hose clamp pliers.



- 22** Remove the coolant reservoir cap.



- 23** Insert the funnel.



24

Pour coolant into the reservoir.



Warning!

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

25

Put the coolant reservoir cap back on and tighten it.



26

Run the engine for a few minutes. This should be done in order to remove residual air from the cooling system and to check that the components are operating correctly and there are no leaks.



27

Shut off the engine and let it cool down.

28

Top up the coolant to the MAX mark without exceeding it.

29

Remove the fender cover.

30

Close the bonnet.

**WELL DONE!** [VIEW MORE TUTORIALS](#)

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