



How to change the
engine radiator on the
**FORD Transit Mk6
Platform / Chassis
(V347, V348) –
replacement guide**

SIMILAR VIDEO TUTORIAL



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

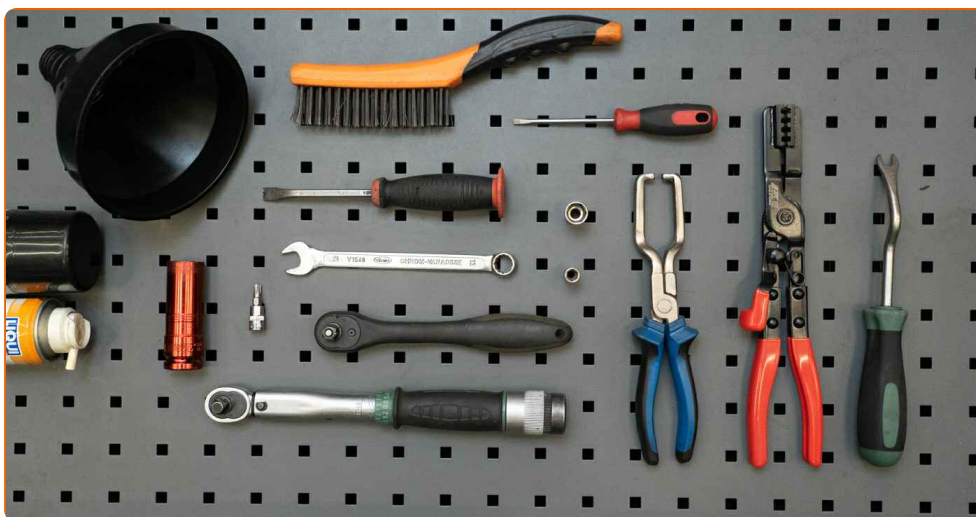
Important!

This replacement procedure can be used for:
 FORD TRANSIT MK-7 Platform/Chassis 2.3 16V RWD, FORD TRANSIT MK-7 Platform/Chassis 2.2 TDCi, FORD TRANSIT MK-7 Platform/Chassis 2.4 TDCi RWD, FORD TRANSIT MK-7 Platform/Chassis 3.2 TDCi RWD, FORD TRANSIT MK-7 Platform/Chassis 2.4 TDCi 4x4

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 TRANSIT MK-7 Box 2.2 TDCi

REPLACEMENT: ENGINE RADIATOR – FORD TRANSIT MK6 PLATFORM / CHASSIS (V347, V348). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- Electronic spray
- Torque wrench
- 13 mm combination spanner
- 7 mm socket
- 13 mm socket
- T30 Torx bit
- Ratchet wrench or power tool for removal/installation of threaded fasteners
- Slotted screwdriver
- Hose clamp pliers
- Clip removal tool
- Fuel line pliers
- Mounting lever
- Funnel
- Fluid drain pan
- Fender cover

Buy tools

Replacement: engine radiator – FORD Transit Mk6 Platform / Chassis (V347, V348). AUTODOC recommends:

- Follow the recommendations and requirements for part operation provided by the manufacturer.
- All the work should be carried out with the engine cooled down and ignition switched off.

CARRY OUT THE REPLACEMENT STEPS AS FOLLOWS:

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.



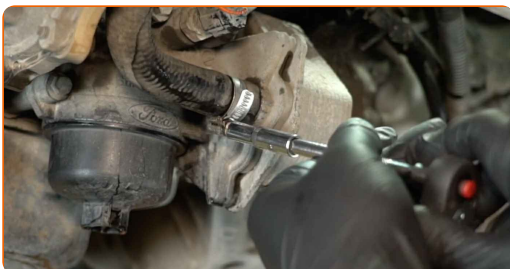
7 Drain the coolant.



Replacement: engine radiator – FORD Transit Mk6 Platform / Chassis (V347, V348). Tip:

- All work should be done with the engine stopped.
- Wait until the coolant has completely flowed out of the drain hole.

8 Release the clamp of the oil cooler coolant hose. Use a 7 mm socket. Use a ratchet wrench.



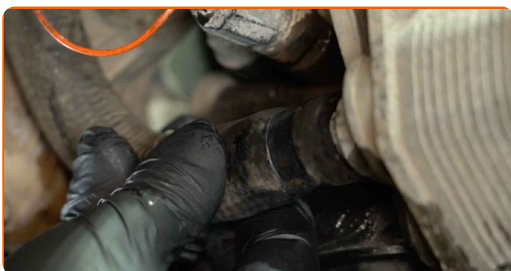
9 Detach the coolant hose from the oil cooler.



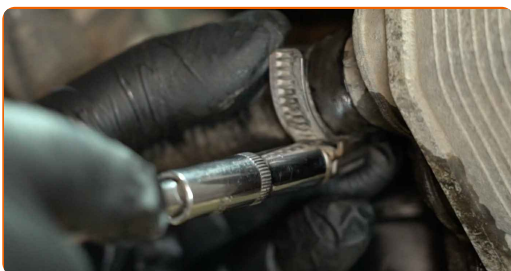
Caution!

- Wait until the coolant has completely flowed out of the hose.

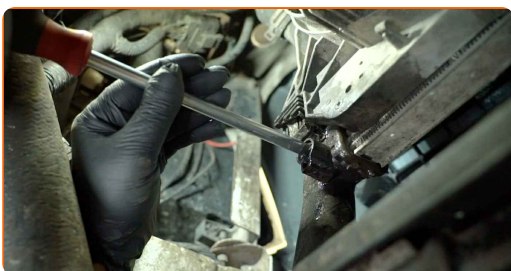
10 Attach the coolant hose to the oil cooler.



11 Tighten the clamp of the oil cooler coolant hose. Use a 7 mm socket. Use a ratchet wrench.



12 Screw in the coolant drain plug.



13 Lower the car back to the ground if it was raised.

14 Secure the bonnet with an additional support.

15 Detach the engine cooling fan connector.



16 Release the clamp of the upper coolant hose. Use hose clamp pliers.



17 Detach the upper coolant hose.



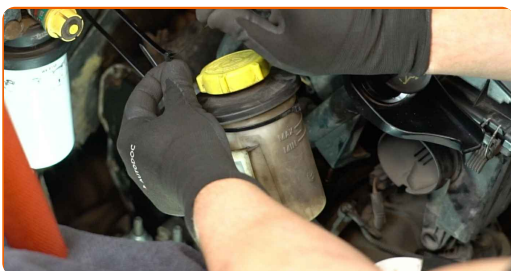
Replacement: engine radiator – FORD Transit Mk6 Platform / Chassis (V347, V348). AUTODOC experts recommend:

- Coolant may leak from the radiator openings.

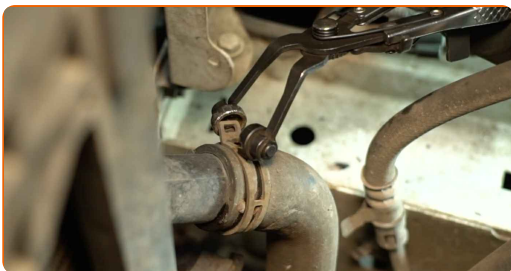
18 Detach the wire harness holder from the upper radiator support cover. Use a clip removal tool.



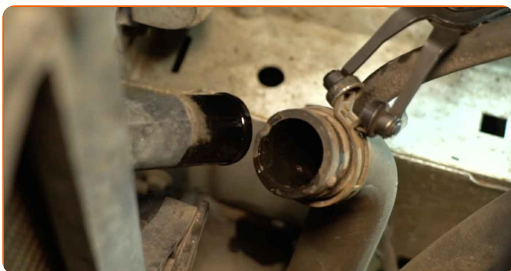
19 Detach the power steering fluid reservoir.



20 Release the clamp of the lower coolant hose. Use hose clamp pliers.



21 Detach the lower coolant hose.

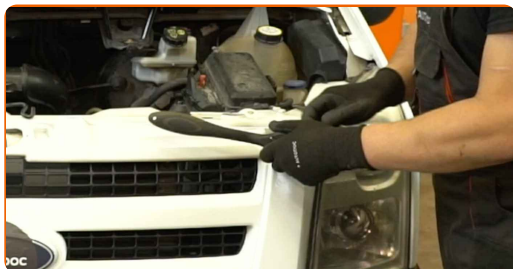


Caution!

- Coolant may leak from the radiator openings.

22

Unscrew the upper fasteners of the radiator grille. Use a T30 Torx bit. Use a ratchet wrench.



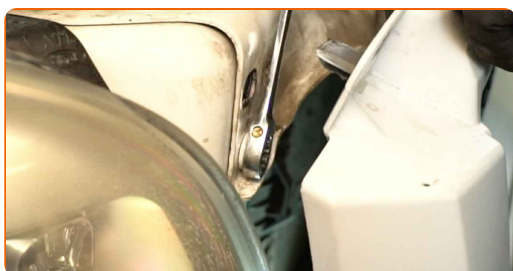
23

Remove the fastening bolts.



24

Unscrew the fasteners of the upper radiator support cover. Use a 13 mm combination spanner. Use a 13 mm socket. Use a ratchet wrench.

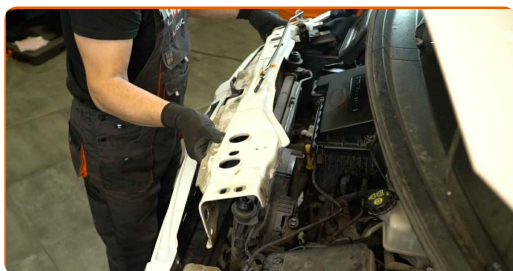


25

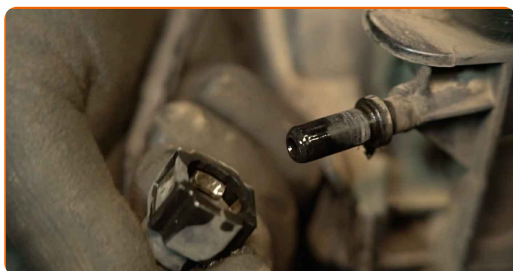
Remove the fastening bolts.



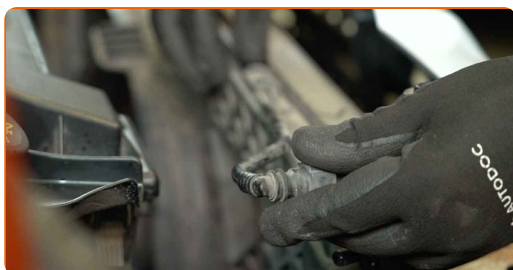
26 Remove the upper radiator support cover.



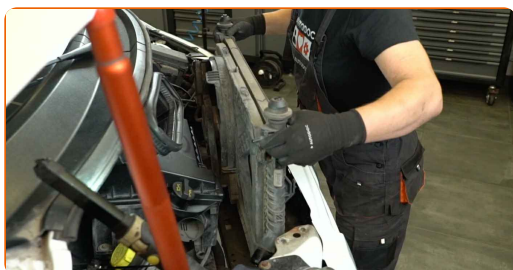
27 Detach the overflow hose connector from the radiator and stop the hose with a plug. Use fuel line pliers.



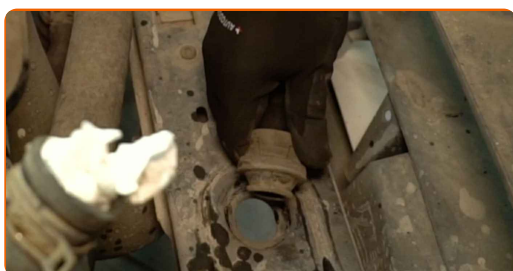
28 Detach the overflow hose from its brackets on the radiator.



29 Remove the radiator.



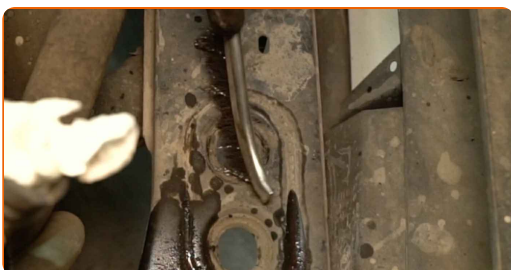
30 Remove the lower insulators of the radiator.



Replacement: engine radiator – FORD Transit Mk6 Platform / Chassis (V347, V348). Tip from AUTODOC:

- Inspect the radiator insulators. Replace them if necessary.

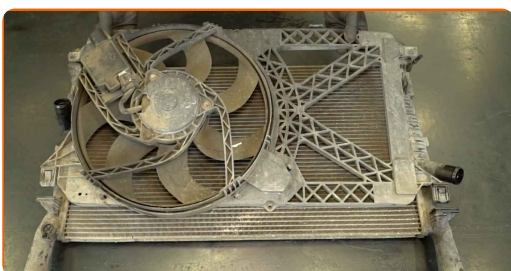
31 Clean the mounting seats of the lower radiator insulators. Use a wire brush. Use an all-purpose cleaning spray.



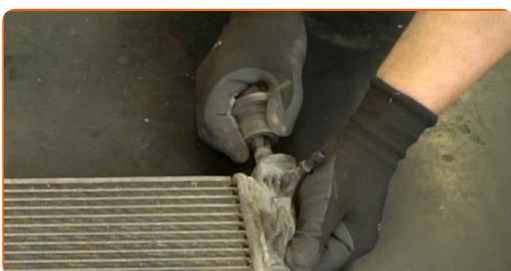
32 Install the lower radiator insulators.



33 Remove the engine cooling fan shroud together with the fan from the radiator. Use a mounting lever.



34 Remove the upper insulators of the radiator.



AUTODOC recommendation:

- Inspect the radiator insulators. Replace them if necessary.

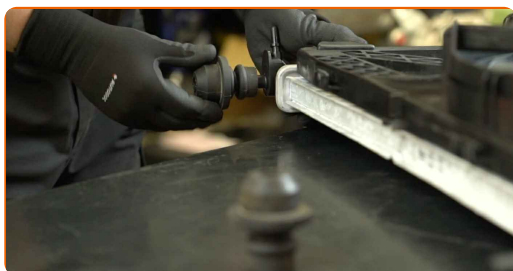
35

Install the fan shroud together with the fan onto the new radiator.



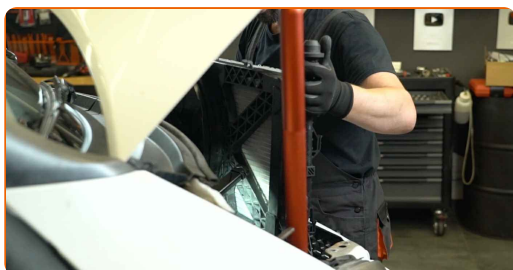
36

Install the upper radiator insulators.



37

Install the new radiator.



38

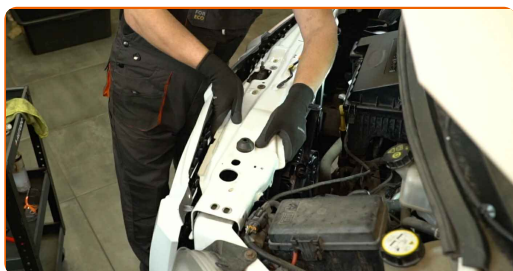
Secure the overflow hose in its brackets on the radiator.



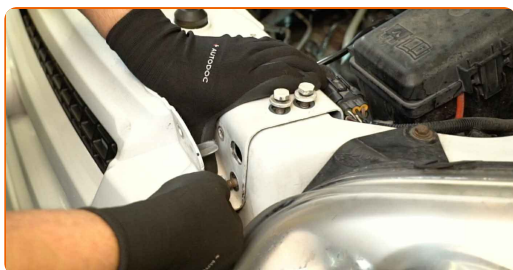
39 Remove the plug from the overflow hose and attach its connector to the radiator.



40 Install the upper radiator support cover.



41 Install and screw in the fastening bolts of the upper radiator support cover.



42 Tighten the fasteners of the upper radiator support cover. Use a 13 mm socket. Use a torque wrench. Tightening torque: 22 N·m.

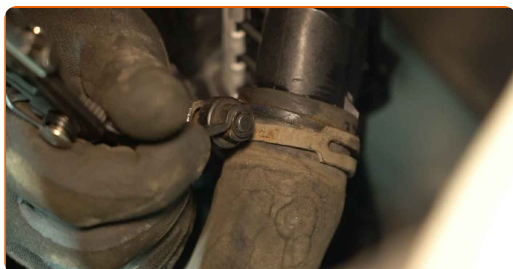


43 Install and screw in the upper fasteners of the radiator grille. Use a T30 Torx bit. Use a ratchet wrench.



44 Remove the additional support from under the bonnet.

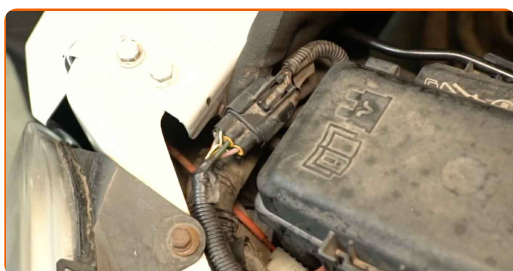
45 Attach the lower coolant hose. Use hose clamp pliers.



46 Install the power steering fluid reservoir on the upper radiator support cover.



47 Attach the wire harness holder to the upper radiator support cover.



48 Attach the upper coolant hose. Use hose clamp pliers.



49 Treat the engine cooling fan connector. Use an electronic spray.



50 Attach the connector to the fan.

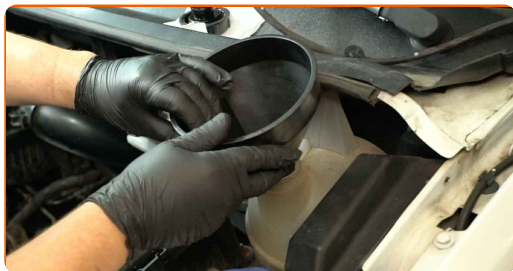


51 Remove the coolant reservoir cap.



52

Insert the funnel.



53

Pour coolant into the reservoir.

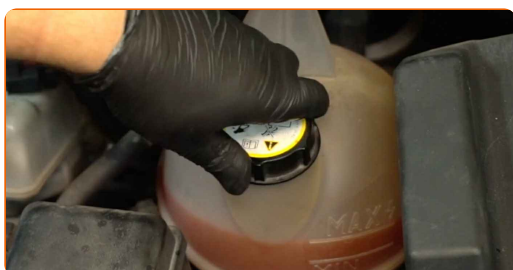


Replacement: engine radiator – FORD Transit Mk6 Platform / Chassis (V347, V348). Tip from AUTODOC experts:

- 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.

54

Put the coolant reservoir cap back on and tighten it.

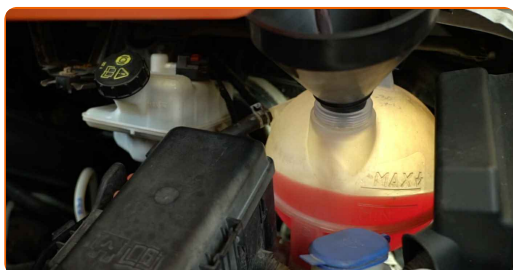


- 55** Run the engine for a few minutes. This should be done in order to remove residual air from the cooling system and to check that the components are operating correctly and there are no leaks.



- 56** Shut off the engine and let it cool down.

- 57** Top up the coolant to the MAX mark without exceeding it.



- 58** Remove the fender cover.

- 59** Close the bonnet.

WELL DONE! 

VIEW MORE TUTORIALS

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON
Google Play

 Download on the
App Store

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

ENGINE RADIATOR: A WIDE SELECTION

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2024 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC SE.