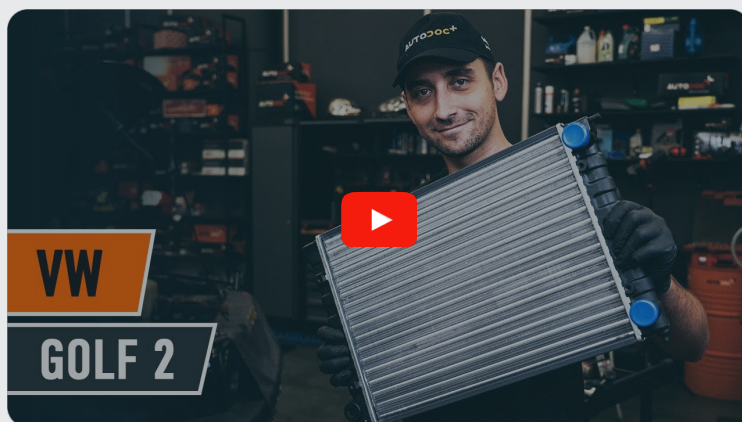




How to change engine
radiator on **VW Jetta Mk1**
(16) – replacement guide

SIMILAR VIDEO TUTORIAL



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

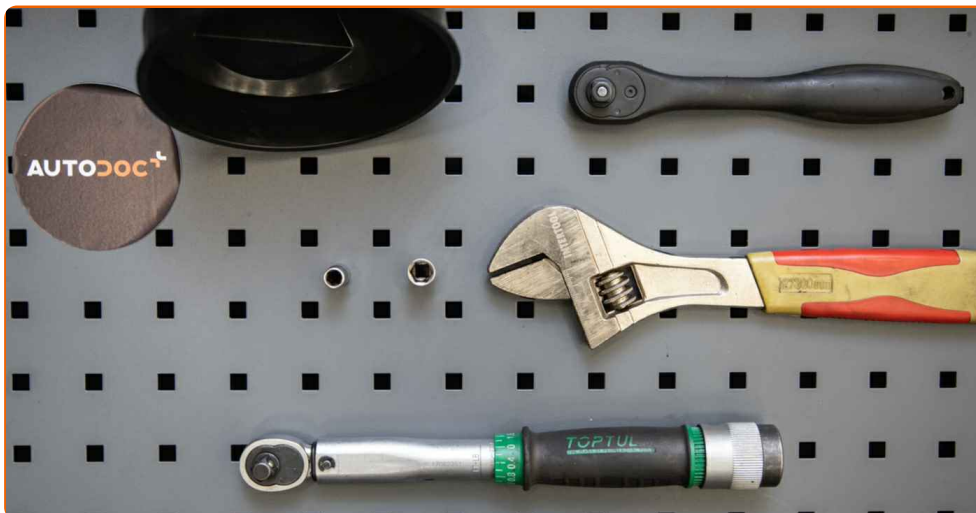
Important!

This replacement procedure can be used for:
VW Jetta Mk1 (16) 1.5, VW Jetta Mk1 (16) 1.6

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: VW GOLF II (19E, 1G1) 1.6

REPLACEMENT: ENGINE RADIATOR – VW JETTA MK1
(16). TOOLS YOU MIGHT NEED:



- Torque wrench
- Drive socket # 7
- Drive socket # 10
- Ratchet wrench
- Adjustable wrench
- Fluid container
- Funnel
- Fender cover

Buy tools

Replacement: engine radiator – VW Jetta Mk1 (16). Tip from AUTODOC experts:

- Follow the terms, recommendations and requirements of the part operation provided by the manufacturer.
- Check the coolant condition and replace it if necessary.
- Please note: all work on the car – VW Jetta Mk1 (16) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

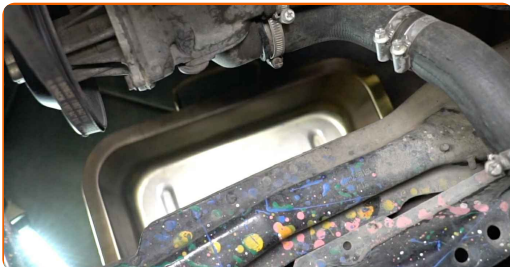
1 Open the hood.

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

3 Unscrew the coolant reservoir cap.

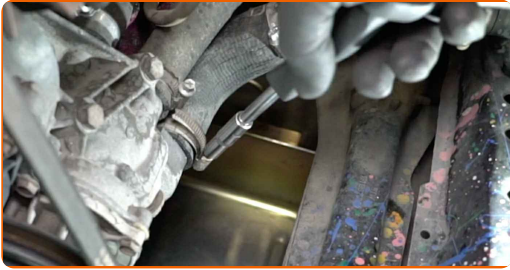


4 Prepare a container for fluids.



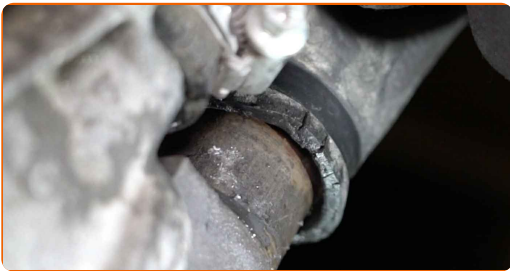
5

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



6

Detach the coolant hose.

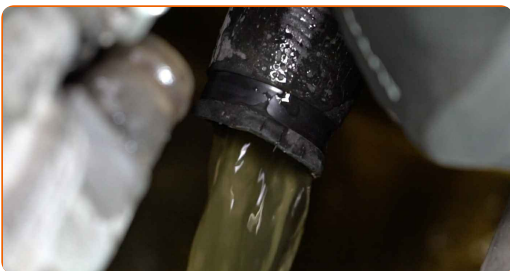


Replacement: engine radiator – VW Jetta Mk1 (16). AUTODOC experts recommend:

- Caution! Coolant may come out from the water pump channels and body.

7

Drain the coolant from the engine.

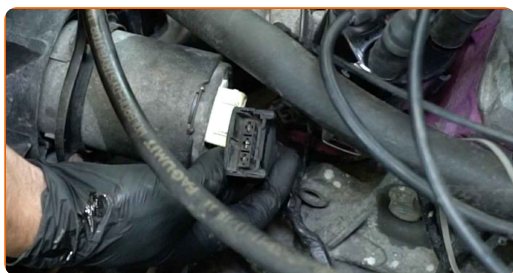


Replacement: engine radiator – VW Jetta Mk1 (16). Professionals recommend:

- 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.

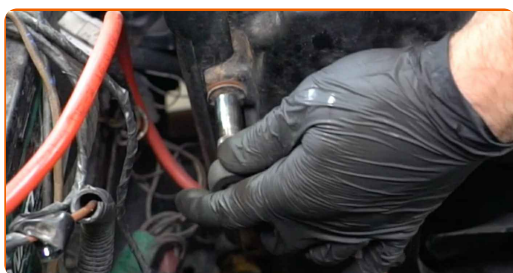
8

Detach the engine cooling fan connector.



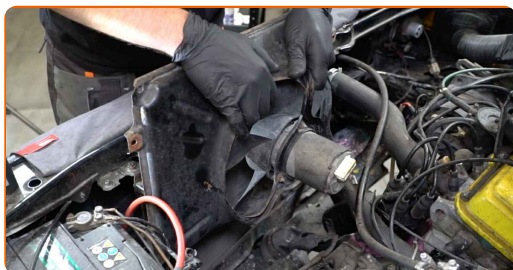
9

Unscrew the fan housing fasteners. Use a drive socket #10. Use a ratchet wrench.

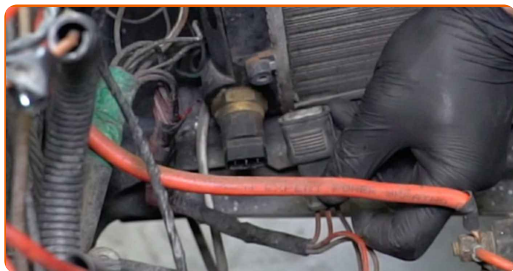


10

Remove the fan shroud.



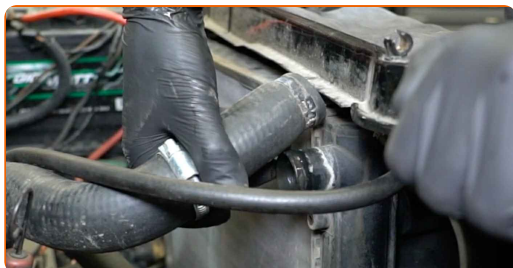
11 Unplug the connector of the coolant temperature sensor.



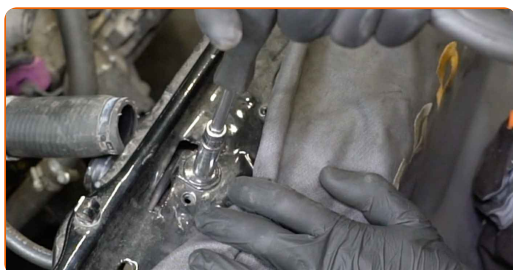
12 Loosen the coolant hose clamp. Use a drive socket #7. Use a ratchet wrench.



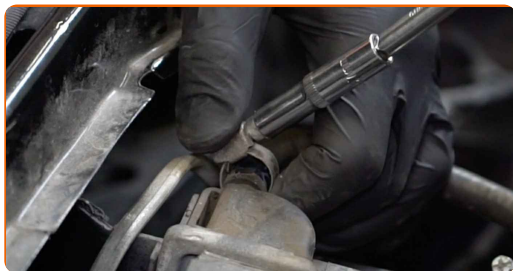
13 Detach the coolant hose.



14 Unscrew the radiator fasteners. Use a drive socket #10. Use a ratchet wrench.



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



16 Detach the coolant hose.



17 Remove the radiator.



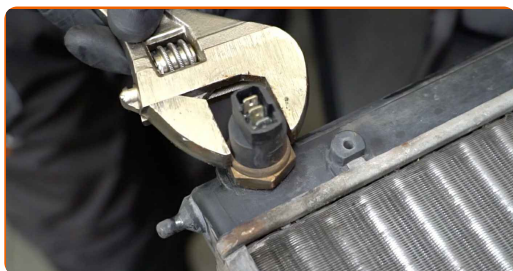
18 Unscrew the fasteners of the radiator air guides. Use a drive socket #10. Use a ratchet wrench.



19 Remove the radiator air guides.



20 Unscrew the coolant temperature sensor. Use an adjustable wrench.



21 Screw in and tighten the coolant temperature sensor. Use an adjustable wrench. Use a torque wrench. Tighten it to 16 nm torque.



22 Install the radiator air guides.



23 Screw in the fasteners of the radiator air guides. Use a drive socket #10. Use a ratchet wrench.



24 Install the new radiator.



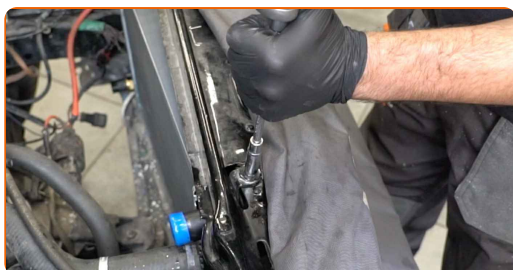
25 Attach the coolant hose.



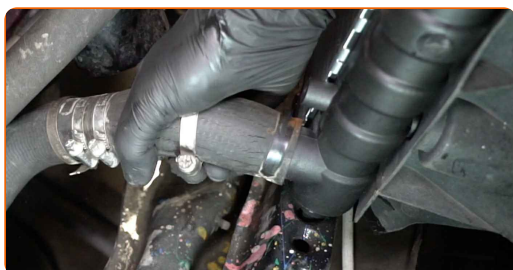
26 Secure the coolant hose clamp. Use a drive socket #7. Use a ratchet wrench.



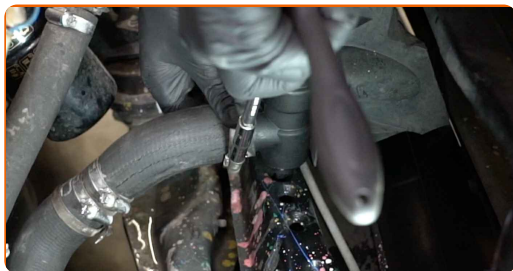
27 Tighten the radiator fasteners. Use a drive socket #10. Use a torque wrench. Tighten it to 14 nm torque.



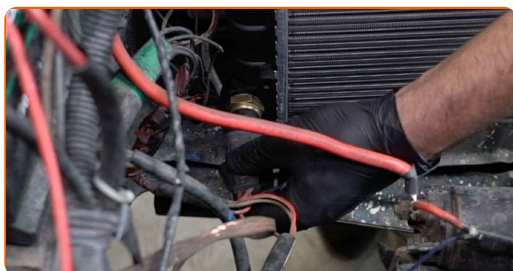
28 Attach the coolant hoses.



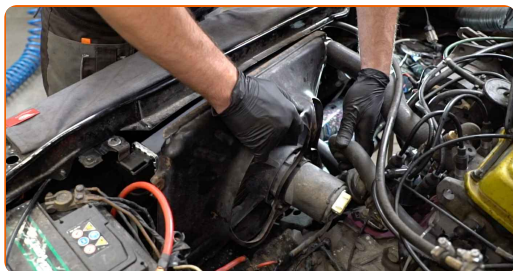
29 Secure the coolant hose clamp. Use a drive socket #7. Use a ratchet wrench.



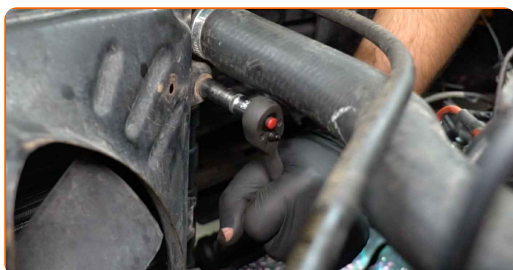
30 Plug in the connector of the coolant temperature sensor.



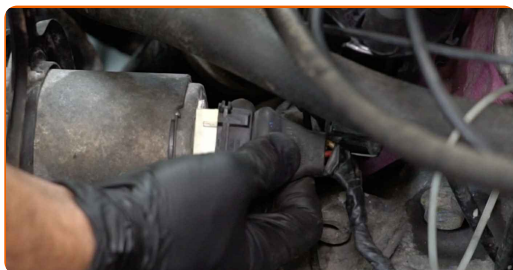
31 Install the fan shroud.



32 Screw in the fasteners of the fan housing. Use a drive socket #10. Use a ratchet wrench.



33 Attach the engine cooling fan connector.



34 Remove the coolant reservoir cap.

35 Insert the funnel.



36 Pour coolant in the coolant reservoir.



Replacement: engine radiator – VW Jetta Mk1 (16). Tip from AUTODOC:

- 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.

37 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.



38 Shut off the engine.

39 Install the coolant reservoir cap.

40 Screw on the coolant reservoir cap.



41 Remove the fender protection cover.

42 Close the hood.

WELL DONE! 

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