



How to change engine  
radiator on **Mercedes**  
**W201** – replacement  
guide

## VIDEO TUTORIAL



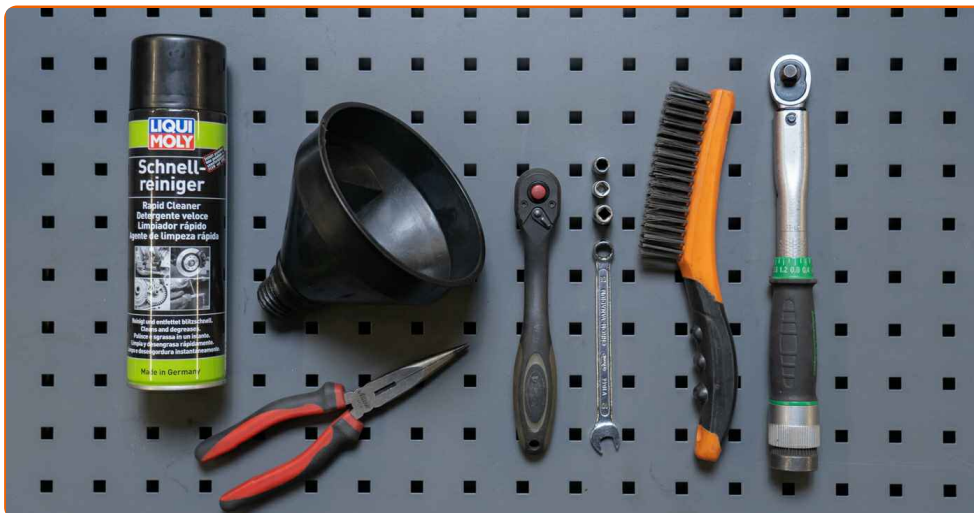
### Important!

This replacement procedure can be used for:

MERCEDES-BENZ 190 (W201) E 1.8 (201.018), MERCEDES-BENZ 190 (W201) 2.0 (201.022), MERCEDES-BENZ 190 (W201) E 2.0 (201.024), MERCEDES-BENZ 190 (W201) 2.0 (201.023), MERCEDES-BENZ 190 (W201) E 2.0, MERCEDES-BENZ 190 (W201) E 2.3 (201.028), MERCEDES-BENZ Saloon (W124) 200 E 2.0 (124.021), MERCEDES-BENZ Saloon (W124) 230 E 2.3 (124.023), MERCEDES-BENZ W124 Estate (S124) 200 TE 2.0 (124.081), MERCEDES-BENZ W124 Estate (S124) 230 TE 2.3 KAT (124.083), MERCEDES-BENZ W124 Coupe (C124) 230 CE 2.3 (124.043), MERCEDES-BENZ W124 Coupe (C124) 230 CE 2.3 KAT (124.043), MERCEDES-BENZ Saloon (W124) 230 E 2.3 KAT (124.023), MERCEDES-BENZ W124 Estate (S124) 230 TE 2.3 (124.083)

The steps may slightly vary depending on the car design.

**REPLACEMENT: ENGINE RADIATOR – MERCEDES W201. TOOLS YOU'LL NEED:**



- Wire brush
- All-purpose cleaning spray
- Torque wrench
- Combination spanner #10
- Drive socket # 7
- Drive socket # 8
- Drive socket # 10
- Ratchet wrench
- Long nose pliers
- Funnel
- Fluid container
- Fender cover

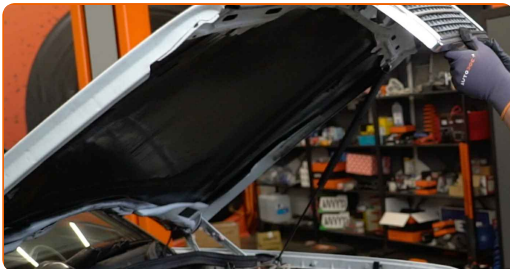
**BUY TOOLS**

Replacement: engine radiator – Mercedes W201. AUTODOC experts recommend:

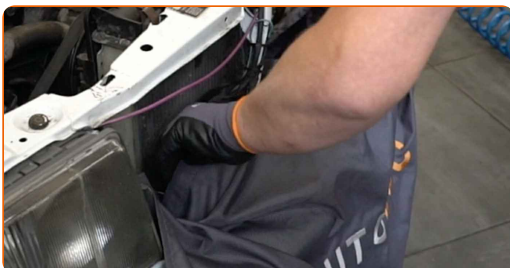
- Follow the terms, recommendations and requirements of the part operation provided by the manufacturer.
- Check the coolant condition and replace it if necessary.
- Please note: all work on the car – Mercedes W201 – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**1** Open the bonnet.



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

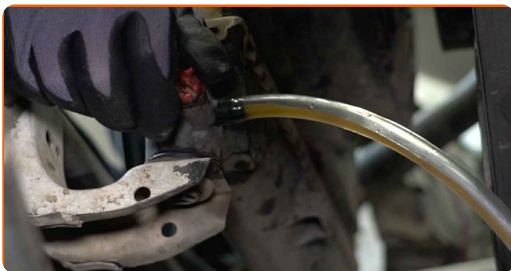


**3** Unscrew the coolant reservoir cap.

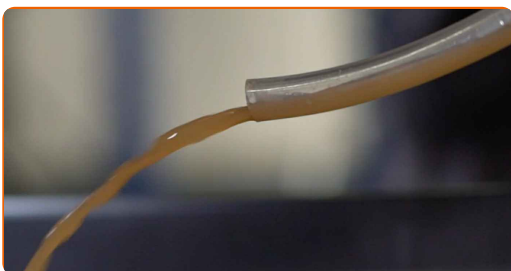
**4** Lift the car using a jack or place it over an inspection pit.

**5** Prepare a container for fluids.

**6** Open the coolant drain tap.



**7** Drain the coolant from the engine.

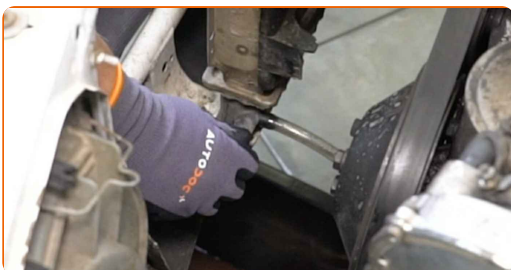


**Replacement: engine radiator – Mercedes W201. Tip:**

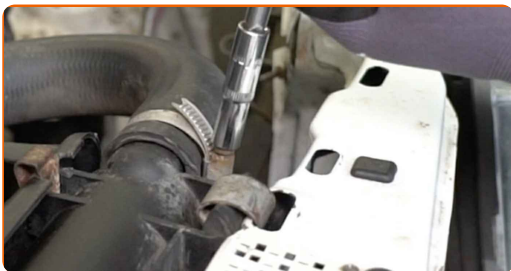
- All work should be done with the engine stopped.
- Wait until the coolant has completely flowed out of the drain hole.

**8** Close the coolant drain tap.

**9** Loosen the clamps of the upper coolant hose. Use a drive socket #7. Use a drive socket #8. Use a ratchet wrench.



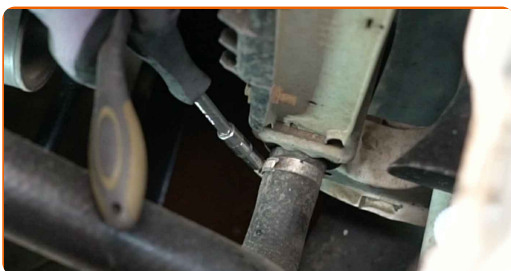
**10** Detach the upper coolant hose.



**AUTODOC recommends:**

- Caution! Coolant may leak from radiator openings.

**11** Loosen the clamp of the lower coolant hose. Use a drive socket #7. Use a ratchet wrench.



**12** Detach the lower coolant pipe.



**Replacement: engine radiator – Mercedes W201. Tip from AUTODOC experts:**

- Caution! Coolant may leak from radiator openings.

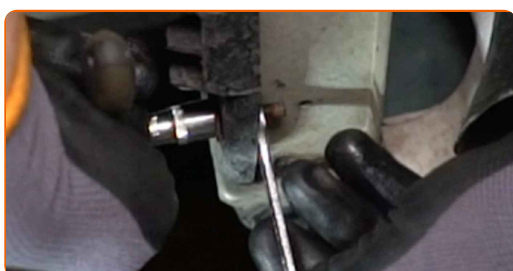
13

Clean the fasteners of the radiator fan housing. Use a wire brush. Use all-purpose cleaning spray.



14

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



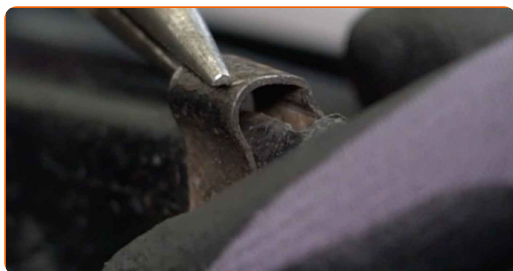
15

Remove the fastening bolts.



16

Remove the upper clips of the radiator fan housing. Use long nose pliers.



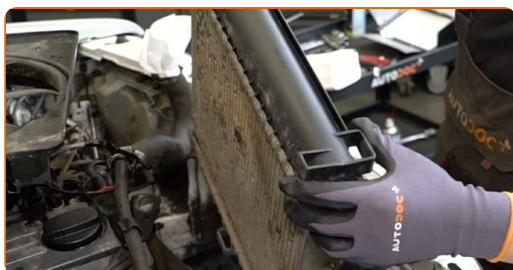
**17** Remove the fan shroud.



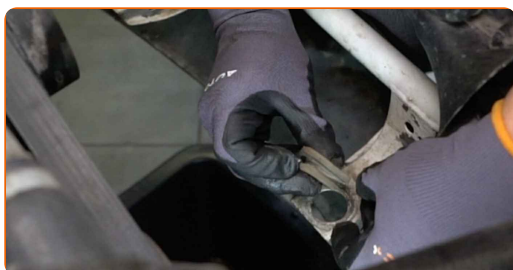
**18** Remove the upper engine radiator clips. Use long nose pliers.



**19** Remove the radiator.



**20** Remove the engine cooling radiator mounting pads.



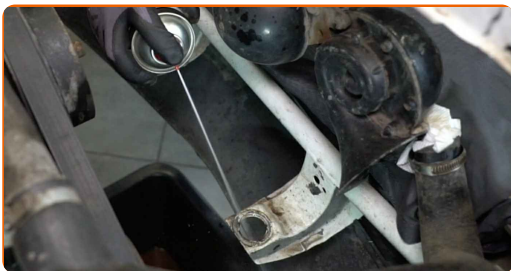
**AUTODOC recommends:**

- Inspect the mounting pads. Replace them if necessary.

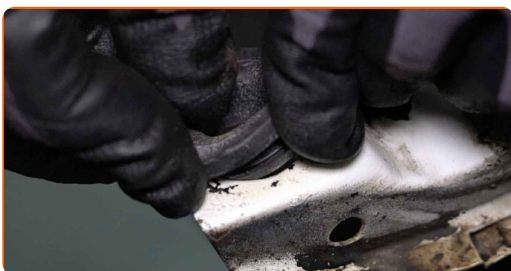


**21**

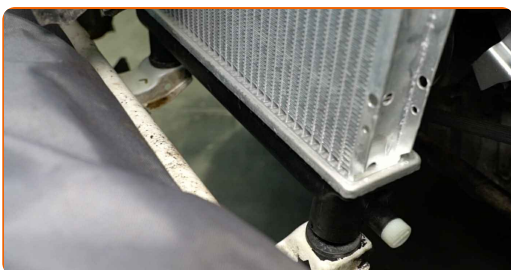
Clean the seats of the engine cooling radiator mounting pads.

**22**

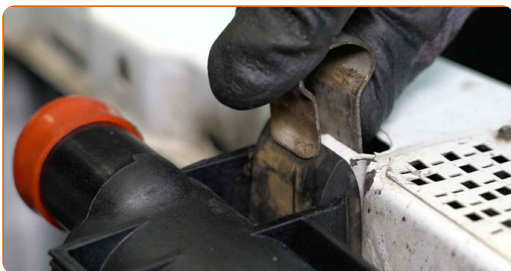
Fit the engine cooling radiator mounting pads.

**23**

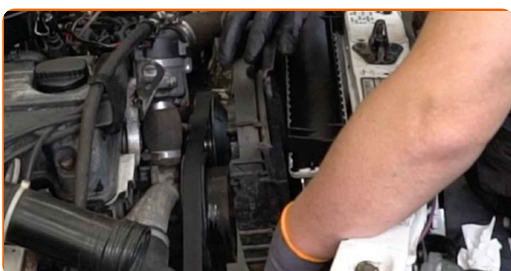
Install the new radiator.

**24**

Install the upper engine radiator clips.

**25**

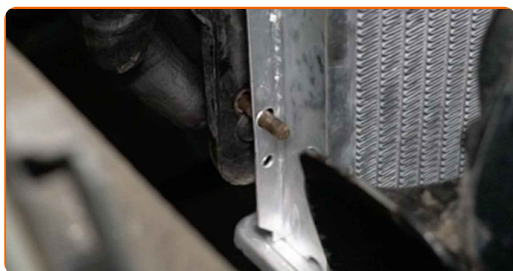
Install the fan shroud.



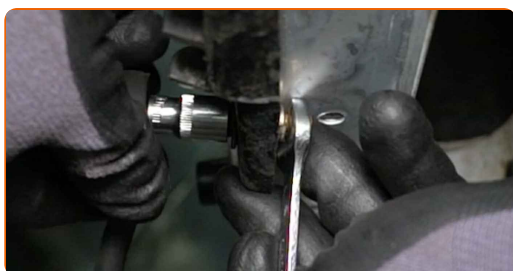
**26** Attach the upper clips for the radiator fan housing.



**27** Install the fastening bolts.



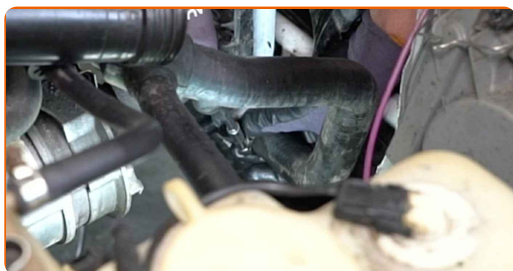
**28** Screw in the fasteners of the fan housing. Use a combination spanner #10. Use a drive socket #10. Use a ratchet wrench.



**29** Attach the lower coolant pipe.



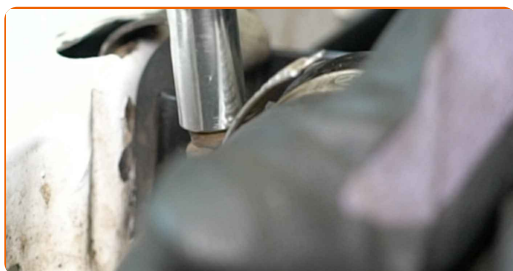
**30** Tighten the clamp of the lower coolant hose. Use a drive socket #7. Use a ratchet wrench.



**31** Attach the upper coolant hose.



**32** Tighten the clamp of the upper coolant hose. Use a drive socket #7. Use a ratchet wrench.



**33** Remove the coolant reservoir cap.

**34** Insert the funnel.



**35** Pour coolant in the coolant reservoir.



Replacement: engine radiator – Mercedes W201. 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.

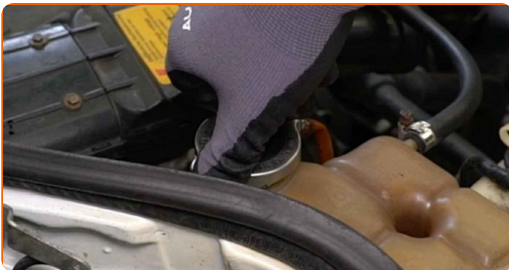
36

Install the coolant reservoir cap.



37

Screw on the coolant reservoir cap.



38

Run the engine for a few minutes.



AUTODOC recommends:

- This should be done in order to remove residual air from the cooling system and to check if the components are operating correctly.

**39** Shut off the engine.

**40** Remove the fender protection cover.



**41** Close the hood.



**WELL DONE!** 

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