



How to change fuel
pump on **BMW E39**
touring – replacement
guide

VIDEO TUTORIAL



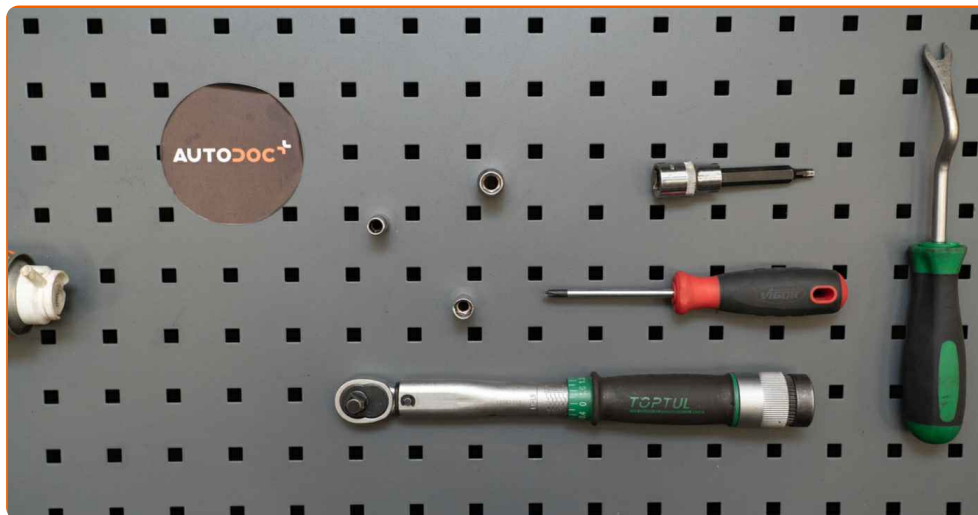
i Important!

This replacement procedure can be used for:

BMW 5 Saloon (E39) 525tds 2.5, BMW 5 Saloon (E39) 525td 2.5, BMW 5 Saloon (E39) 530d 3.0, BMW 5 Touring (E39) 530d 3.0, BMW 5 Touring (E39) 525tds 2.5, BMW 5 Saloon (E39) 520d 2.0, BMW 5 Touring (E39) 520d 2.0, BMW 5 Saloon (E39) 525d 2.5, BMW 5 Touring (E39) 525d 2.5

The steps may slightly vary depending on the car design.

REPLACEMENT: FUEL PUMP – BMW E39 TOURING. TOOLS YOU MIGHT NEED:



- Electronic spray
- Drive socket # 5
- Drive socket # 8
- Drive socket # 10
- HEX bit No.H5
- Ratchet wrench
- Phillips screwdriver
- Clip removal tool
- Fluid container
- Wheel chock

BUY TOOLS

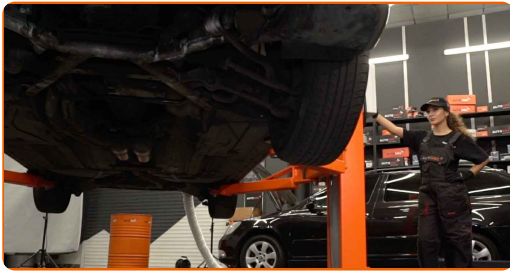
Replacement: fuel pump – BMW E39 touring. Tip from AUTODOC experts:

- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- Please note: all work on the car – BMW E39 touring – should be done with the engine switched off.

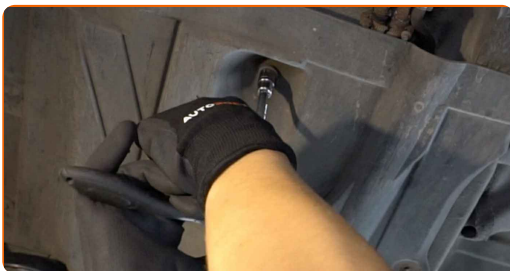
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.

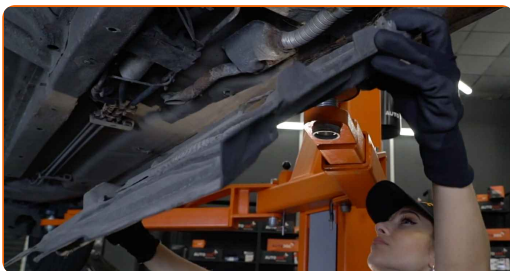
2 Lift the car using a jack or place it over an inspection pit.



3 Unscrew the fasteners of the plastic car body protective cover. Use a drive socket #8. Use a drive socket #10. Use a ratchet wrench. Use a Phillips screwdriver. Use a clip removal tool.

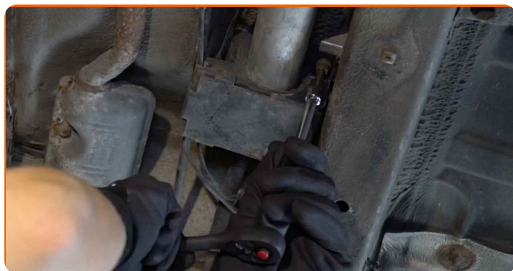


4 Remove the plastic car body protective cover.



5

Unscrew the fuel pump bracket fastener. Use HEX No.H5. Use a ratchet wrench.



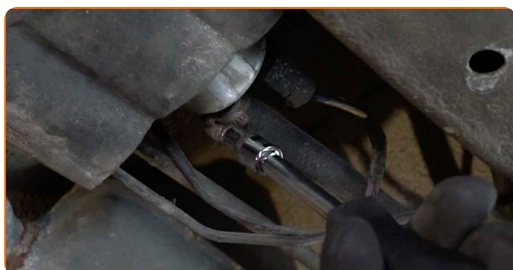
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Remove the fuel pump bracket.



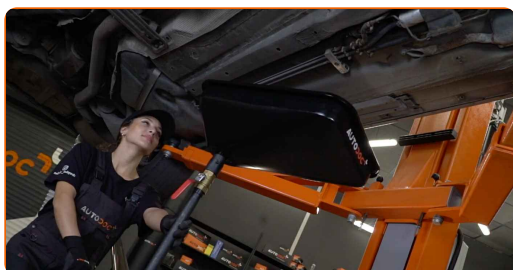
7

Loosen the clamps of the fuel lines. Use a drive socket #5. Use a ratchet wrench.



8

Prepare a container for fluids.



9

Detach the fuel lines from the fuel pump.



- 10 Detach the fuel pump connector.



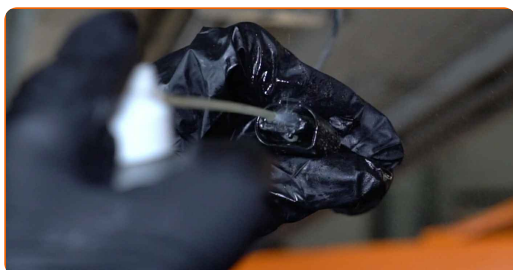
- 11 Remove the fuel pump together with its holder.



- 12 Remove the fuel pump from the holder.



- 13 Treat the fuel pump connector. Use electronic spray.



- 14 Attach the fuel pump connector.



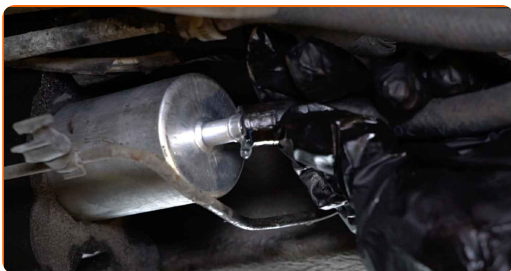
- 15 Attach the fuel line to the fuel pump.



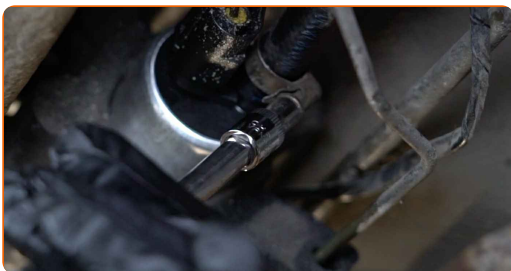
- 16 Install a new fuel pump into the holder.



- 17 Attach the fuel line to the fuel pump.



- 18 Screw in the clamps of the fuel lines. Use a drive socket #5. Use a ratchet wrench.



- 19 Install the fuel pump together with its holder.

20

Install the fuel pump bracket.



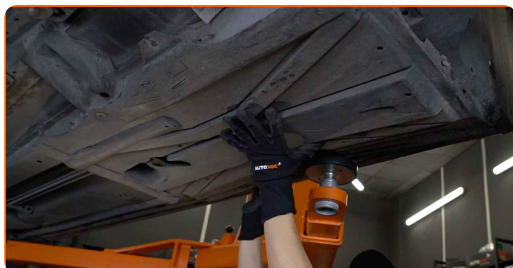
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Screw in the fuel pump bracket fastener. Use HEX No.H5. Use a ratchet wrench.



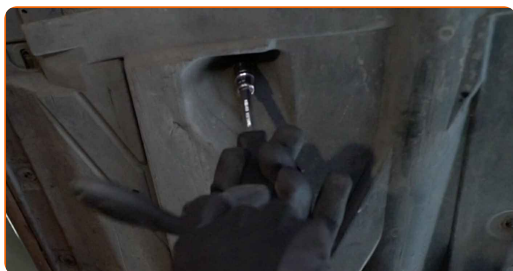
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Reinstall the plastic car body protective cover.



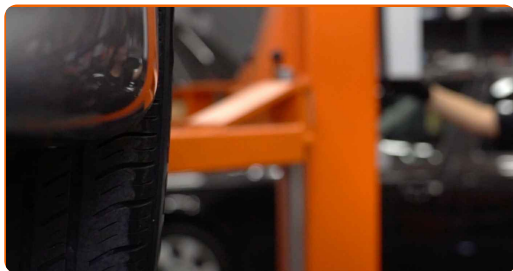
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Screw in the fasteners of the plastic car body protective cover. Use a drive socket #8. Use a drive socket #10. Use a Phillips screwdriver. Use a ratchet wrench.



24

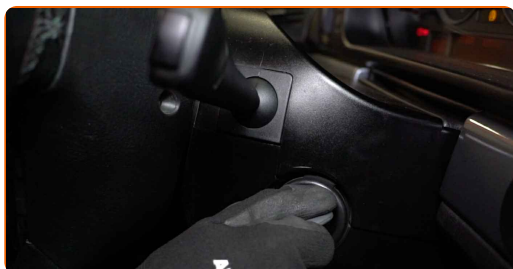
Lower the car.

**25**

Remove the jacks and chocks.

26

Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

**27**

Shut off the engine.

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