



VIDEO TUTORIAL

Important!

This replacement procedure can be used for:

BMW 5 (E39) 540 i, BMW 5 Touring (E39) 540 i, BMW 7 (E38) 740 i, iL, BMW X5 (E53) 4.4 i

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:



- Wire brush
- WD-40 spray
- Combination spanner #10
- Drive socket # 10
- Drive socket # 13
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Fuel line pliers
- Fluid container

AUTODOC recommends:

- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- All work should be done with the engine stopped.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



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

2.1



Unscrew and remove the oil pan cover.

2.2



Use a drive socket #10. Use a drive socket #13. Use a ratchet wrench.

3

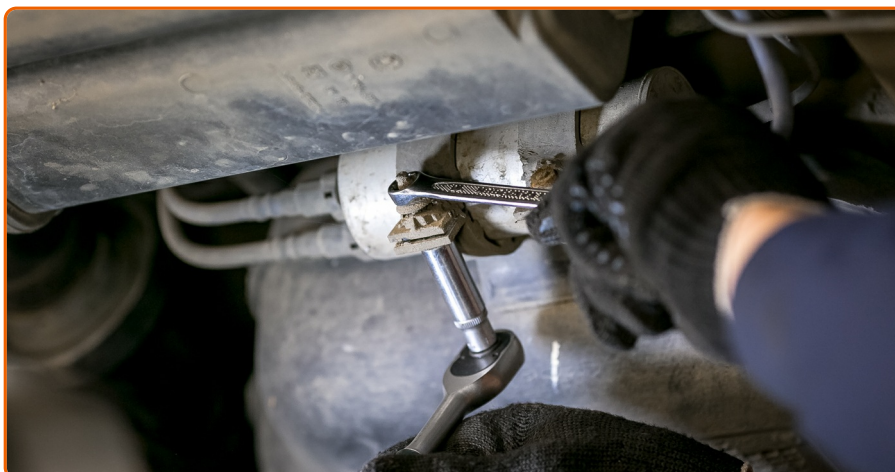
Clean the fasteners of the propeller shaft centre support bearing. Use a wire brush. Use WD-40 spray.

4



Unscrew the fasteners of the propeller shaft centre support bearing. Use a drive socket #13. Use a ratchet wrench.

5



Loosen the fuel filter mounting. Use a combination spanner #10. Use a drive socket #10. Use a ratchet wrench.

6

Prepare a container for fluids.

7



Detach the tubes from the fuel filter. Use a flat screwdriver. Use fuel line pliers.

AUTODOC recommends:

- Be careful! Fuel may leak from the filter housing and hoses.

8



Remove the fuel filter.

9



Detach the tubes from the fuel filter. Use a flat screwdriver. Use fuel line pliers.

10

Take the fluid container away from under the fuel filter.

11



Attach the tubes to the fuel filter.

12



Install a new fuel filter.

AUTODOC recommends:

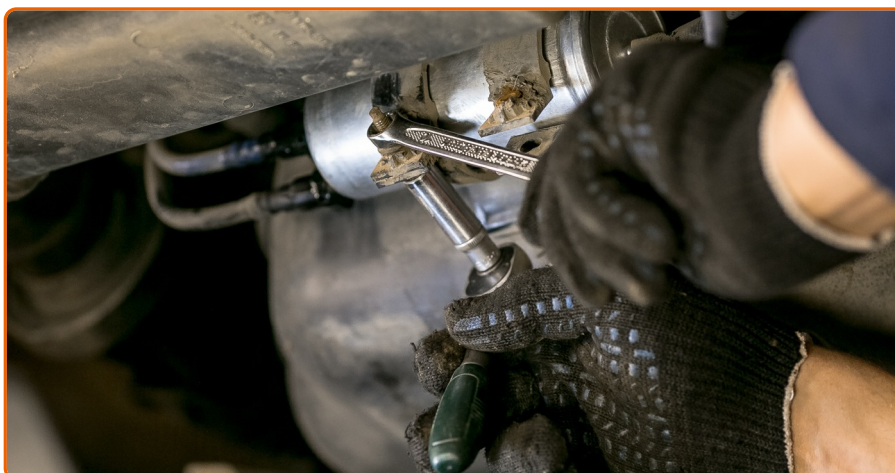
- Make sure that the fuel filter is positioned correctly. Consider the fuel flow direction mark.
- During installation, take care to prevent dust and dirt from getting into the fuel filter housing.
- Take care to only use quality filters.

13



Attach the tubes to the fuel filter.

14



Screw in the fuel filter mounting bracket. Use a combination spanner #10. Use a drive socket #10. Use a ratchet wrench.

15.1



Install the oil pan cover and screw in its fasteners.

15.2



Use a drive socket #10. Use a drive socket #13. Use a ratchet wrench.

16



Tighten the fasteners of the propeller shaft centre support bearing. Use a drive socket #13. Use a torque wrench. Tighten it to 55 nm torque.

17

Lower the car.

18

Before starting off, switch the ignition on and off several times. This should be done to activate the fuel pump to make it pump fuel through the fuel system.

19


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

20

Shut off the engine.

AUTODOC recommends:

- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

**DID YOU FIND THESE INSTRUCTIONS
HELPFUL?**

YES

NO



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