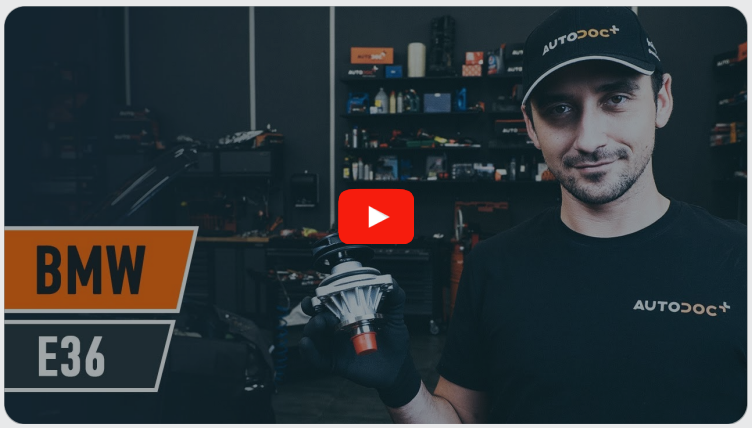
SIMILAR VIDEO TUTORIAL



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

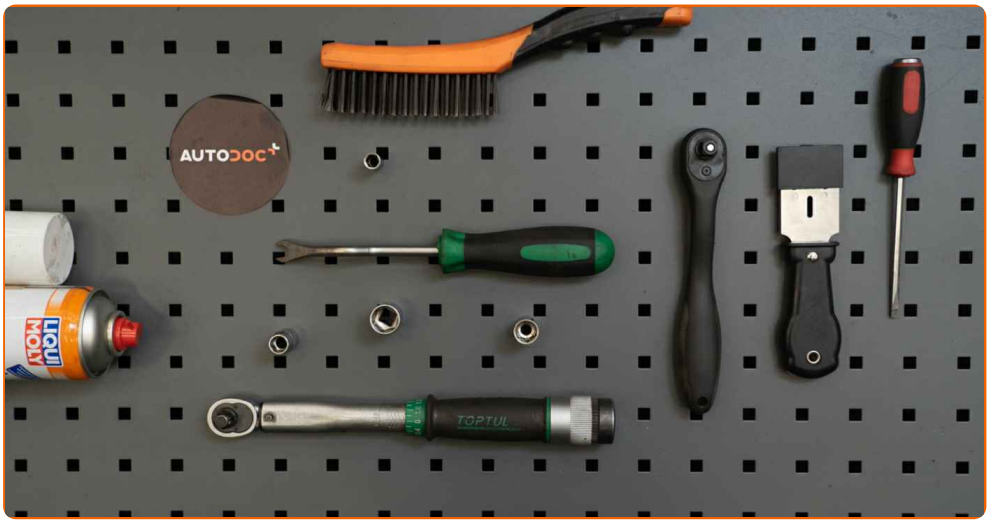
Important!

This replacement procedure can be used for:
BMW Z3 Coupe (E36) 2.8 i

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: BMW 3 Saloon (E36) 323i 2.5

REPLACEMENT: WATER PUMP – BMW Z3 COUPE (E36). TOOLS YOU MIGHT NEED:



- Wire brush
- All-purpose cleaning spray
- Sealant
- Torque wrench
- Drive socket # 7
- Drive socket # 10
- Drive socket # 13
- Drive socket # 16
- Ratchet wrench
- Clip removal tool
- Seal scraper
- Flat screwdriver
- Funnel
- Fluid container
- Fender cover

Buy tools

Replacement: water pump – BMW Z3 Coupe (E36). Tip from AUTODOC:

- Follow the terms, recommendations and requirements of the part operation provided by the manufacturer.
- Check the coolant condition and replace it if necessary.
- Inspect the thermostat and the thermostat housing. Replace if necessary.
- Please note: all work on the car – BMW Z3 Coupe (E36) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

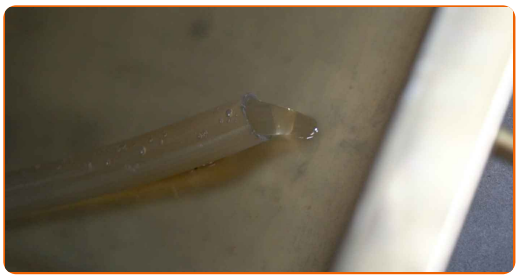
1. Open the hood.
2. Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.
3. Remove the fasteners of the air duct housing. Use a clip removal tool.
4. Remove the air distribution housing assembly.

5 Unscrew the coolant reservoir cap.

6 Prepare a container for fluids.

7 Open the coolant drain tap.

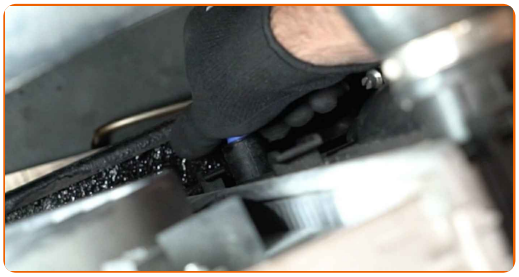
8 Drain the coolant from the engine.



Replacement: water pump – BMW Z3 Coupe (E36). Tip from AUTODOC:

- Caution! The coolant can be very hot.
- Wear gloves to prevent contact with hot liquid.
- Please note: all work on the car – BMW Z3 Coupe (E36) – should be done with the engine switched off.
- Wait until the coolant has completely flowed out of the drain hole.

9 Close the coolant drain tap.



10 Loosen the clamps of the coolant hoses. Use a drive socket #7. Use a ratchet wrench.

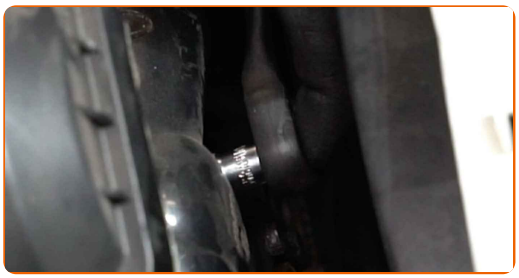
11 Detach the coolant hose.

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

13 Detach the coolant hose.

14 Detach the coolant pipe bracket. Use a drive socket #13. Use a ratchet wrench.

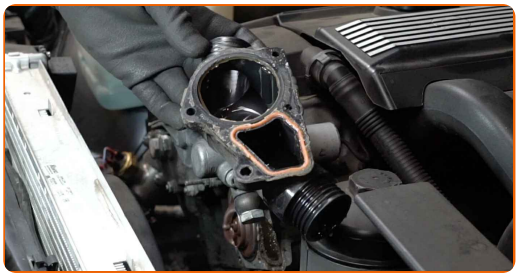
15 Unscrew the thermostat housing fasteners. Use a drive socket #10. Use a ratchet wrench.



16 Clean the thermostat housing fasteners. Use all-purpose cleaning spray.

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

18 Remove the thermostat housing.



AUTODOC recommends:

- Replacement: water pump – BMW Z3 Coupe (E36). To avoid damaging the part when removing it, do not use excessive force.
- Caution! Coolant may leak out of the coolant lines and thermostat housing.

19 Unscrew the water pump pulley fastener. Use a drive socket #10. Use a ratchet wrench.

20 Pull aside the V-ribbed belt tensioner pulley. Use a drive socket #16. Use a ratchet wrench.

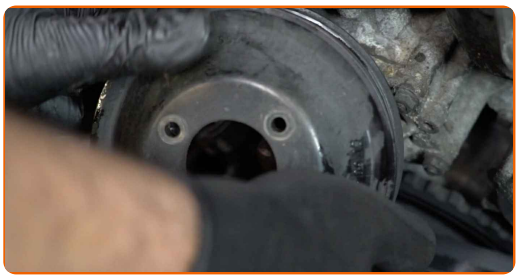
21 Remove the V-ribbed belt.

Replacement: water pump – BMW Z3 Coupe (E36). AUTODOC experts recommend:

- Check the condition of the tensioner pulley and idler pulley. Replace them if necessary.

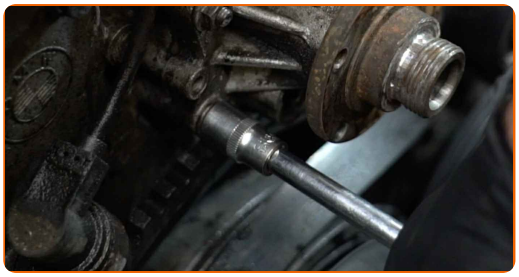
22 Return the tensioner pulley to its initial position.

23 Remove the water pump pulley.



24 Clean the water pump mounting seat. Use a wire brush. Use all-purpose cleaning spray.

25 Unscrew the water pump fasteners. Use a drive socket #10. Use a ratchet wrench.



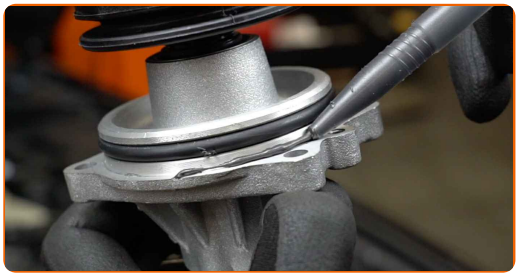
26 Remove the water pump.

Replacement: water pump – BMW Z3 Coupe (E36). Tip:

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

27 Clean the water pump mounting seat. Use a seal scraper. Use all-purpose cleaning spray.

28 Treat the water pump mounting seat. Use a sealant.



29 Install the new water pump.

30 Tighten the water pump fasteners. Use a drive socket #10. Use a torque wrench. Tighten it to 9 nm torque.