

Electrical Water Pump General recommendation



MERCEDES / BMW / VAG / TOYOTA



Electrical Water Pump General recommendation

- Drain as much coolant as possible. Dirt particles are drained from the cooling system together with the coolant
- SKF always recommends flushing the cooling system before installing a new coolant pump to avoid pre-damaging the new coolant pump.
- If a gasket is included in the kit, do not use additional sealing paste.
- Use a vacuum tool to fill the cooling system.
- Take special care with cooling systems with electric or switchable coolant pumps. On these vehicles, venting may have to be initiated by a diagnostic device via the engine management system.



Warning: never reuse the old coolant. Contaminants are flushed out with the coolant and should not be refilled into the cooling system. In addition, the additives contained in the coolant evaporate after a while. Therefore, always use new coolant!

Warning: Do not start the engine without coolant as there is a high risk of damaging the sensitive dynamic seal of the water pump.

Always use the coolant approved by the vehicle manufacturer!



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- Wait until the engine has cooled to room temperature.
- Drain the cooling system according to the vehicle manufacturer's recommendations.
- Remove the coolant pump according to the manufacturer's instructions.
- Clean the contact surfaces on the engine. If necessary, remove dirt residues from the engine cooling system (for coolant pumps that are inserted directly into the engine block).
- Install the new coolant pump and tighten the screws to the specified tightening torque.
- Verify that there is no residual scale or dirt in the water tank before filling the new coolant liquid.
- Vent the cooling system accordingly to manufacturer's recommendations.
- After completing the work, make sure that the cooling system is working properly (constant operating temperature, heating function, no leakage, etc.) and delete the error codes in the On-Board-Diagnostic (OBD) system if necessary.

WARNING:

- This is general recommendations!
- Always follow the vehicle manufacturer's installation instructions for each model.
- Use the correct tools and change all parts that are recommended by the manufacturer!

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