



# Water pump & sealing paste

Technical Bulletin - October 2010



All applications.



Recommendations for the use of sealing paste during water pump installation.

A lot of water pump failures are directly related to incorrect installation.

The applying of sealing paste onto the water pump is a key factor of the water pump lifespan and leakage prevention.

In this Technical Bulletin, SKF lists the main steps to ensure a proper fitting.

## Use of sealing paste:

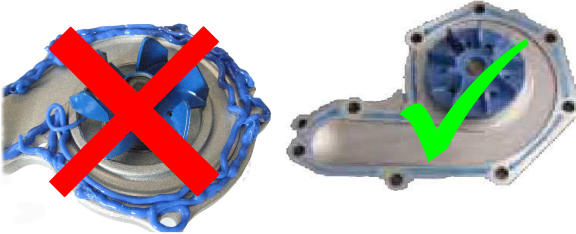
**Case 1:**  
No seal included  
with the water pump

**Case 2:**  
Paper seal is included  
with the water pump

Step 1

### **Liberally apply the sealing paste!**

Too much sealing paste will damage the water pump, as the cooling circuit can become clogged!



**DO NOT USE  
SEALING PASTE!**



Step 2

**Let the sealing paste dry fully  
BEFORE starting the engine** - there is a risk of mixing sealing paste and engine coolant.

**Soak the paper seal in coolant to keep the seal in position during installation into the engine.**

Step 3

Gradually tighten the bolts in a cross diagonal pattern, following vehicle manufacturer torque recommendations.





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General SKF recommendations for water pump and cooling system fittings.

- 1- Wait until the engine has cooled to room temperature.
- 2- Ensure that the cooling system is flushed correctly.
- 3- Replace the engine coolant completely - do not just top up.
- 4- Do not start the engine without coolant as there is a high risk of damaging the water pump dynamic seal.



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