



professional

Water pump

fits Audi A6/avant/quattro, Audi 100/avant, VW LT, VW T4/syncro

PROBLEM

Premature failure of the water pump bearing and/or damage in the whole belt drive area, e.g. torn timing belt.



CAUSE

In 5-cylinder engines, the timing belt drives the water pump. The 18-tooth water pumps have a drive wheel that is too small and are overloaded by rotation speeds that are too high. These high loads can lead for example to a faulty water pump bearing. This in turn can lead to the whole pump seizing. It is therefore inevitable that damage will occur in the whole belt drive area, e.g. a tear in the timing belt.

SOLUTION

The water pump has been improved. Now with 20 teeth instead of 18 and a larger drive wheel, the rotation speed is lower and wear on the water pump bearing is reduced. The water pump can now withstand the load.

Important: In petrol engines, the camshaft gear also has to be replaced when changing to the new water pump with 20 teeth. The SWAG 32 98 9108 camshaft gear cancels out the „timing shifts“ due to the larger water pump wheel.

It is imperative when changing the timing belt to replace the water pump at the same time!



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