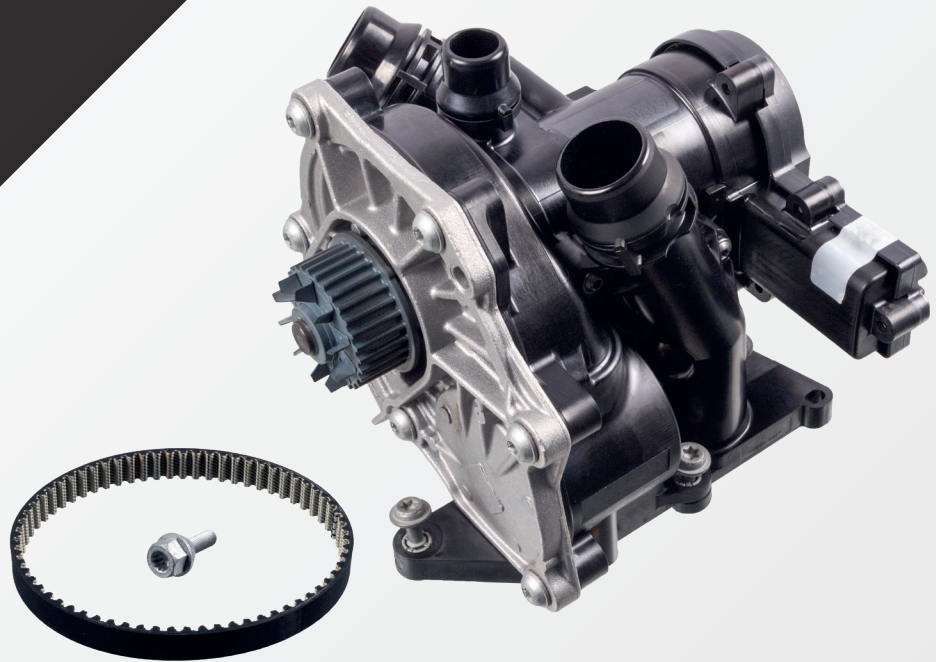


NEW PRODUCT HIGHLIGHT | OCT2023

SWAG[®]

SWAG 33 10 8576

To Fit: Various VAG vehicles
fitted with 1.5, 1.8, 2.0 TFSI and
2.0, 3.0 TDi



EN

Water Pump with thermostat housing

Function

This water pump is driven by the engine to provide a regulated flow of coolant to the thermal management module which is attached directly to the water pump. The engine control unit (ECU) uses the many sensors fitted to the engine, transmission, and other control units to evaluate temperature cooling requirements based on engine speed and load. The optimal coolant flow is distributed to the cooling circuits by a pair of rotary valves - determined by the ECU. When the engine is cold, most of the coolant is sent through the cooling circuit, including the turbo charger. This quickens the initial warm up of the engine, transmission, and the interior heater matrix as well as improving vehicle emissions and fuel economy.

Cause of failure

Failure to change the coolant at the manufacturer's recommended intervals, or using an incorrect coolant, can cause corrosion. This can restrict the flow of coolant through the coolant circuits.

If scale forms around the rotary valves their performance can become restricted which will affect the operation of the electrical drive motors - leading to overcooling or overheating of the engine.

For more technical information please visit: partsfinder.bilsteingroup.com