

febi 186290



To fit:

Various Volkswagen, Audi, SEAT,
Škoda and MAN models.
1.6 & 2.0 TDI engines



EN

Water Pump

Problem

Engine overheating, coolant temperature gauge reading over 110° C, poor interior heater performance. Cooling system fault codes may also be logged in the engine control unit.

Cause

The water pump fitted to these vehicles has an ECU-controlled collar which interrupts the coolant flow to make the engine more thermally efficient. However, the control collar can become seized, the plastic impeller can break up, or the impeller can come away from the shaft.

Solution

Ensure the engine is cool, then remove the coolant filler cap. Remove the small pipe to the coolant header tank and hold this over the filler neck of the header tank; there should be a small trickle of coolant flowing with the engine at idle. This should increase in flow when the engine speed rises. If it does not, this would suggest a faulty water pump.

Replace the defective water pump with febi replacement part 186290. This part has an improved control collar design which has been significantly tested to eliminate the potential failure of the original water pump.

Assemble the water pump with the new solenoid valve and seals, both provided in the kit.

Fill the cooling system with the correct coolant, then vacuum bleed the cooling system. Finally, using a suitable serial diagnostic tool, carry out the cooling system bleeding procedure to expel all the air from the cooling system.

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