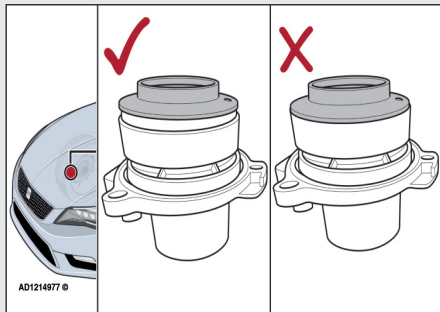


# Seat Leon ST: Engine overheating with warning message on instrument panel

**Question:** We are experiencing a problem with a 2014 Seat Leon ST 1.6 TDi. The engine coolant temperature (ECT) gauge goes to full hot, and a warning message requesting the driver to switch the engine off is displayed on the instrument panel. We have carried out a pressure test on the cooling system, but no leaks were found. We have also checked for internal engine coolant loss from the cylinder head gasket, but no leaks were found. Do you have any ideas?

**Answer:** Yes, this has been reported to us before and it affects Leon ST models with CXXA/CXXB engine codes. The fault is due to a failure of the engine coolant pump impeller control actuator. Remove the engine coolant pump. Check if the engine coolant pump



impeller control actuator is stuck in the closed position (see figure above), then fit a new engine coolant pump. This should rectify the fault.