

<b>Reference</b>	SSM75870
<b>Models</b>	F-PACE / X761
<b>Title</b>	"Coolant Low" warning displayed in the Instrument Cluster
<b>Category</b>	Engine
<b>Last modified</b>	17-Aug-2023 00:00:00
<b>Symptom</b>	402000 Cooling System Concerns
<b>Content</b>	<p><b><u>Model / Model Year / Derivative</u></b></p> <p>F-PACE / 21MY onwards INGENIUM I6 3.0L Diesel/Petrol only</p> <p><b><u>Situation:</u></b></p> <p>JLR Engineering investigations have found a 'Coolant Low' warning message displayed on the Instrument Panel Cluster.</p> <p><b><u>Cause:</u></b></p> <p>Multiple potential engine coolant leak paths.</p> <p><b><u>Action:</u></b></p> <p>Follow the instruction(s) below.</p> <p><b><u>SERVICE INFORMATION:</u></b></p> <p>Vehicles must be returned to the customer with the engine coolant at the required maximum level and the correct concentration level.</p> <p><b><u>SERVICE INSTRUCTION:</u></b></p> <p>NOTE: Make sure the outside surface of the coolant expansion tank is dry before completing the coolant pressure test. Residual engine coolant from a previous top-up may still be present on the outside surface of the coolant expansion tank.</p> <p>Pressure test the engine cooling system as detailed in the TOPIx Workshop Manual, (see TOPIx Workshop Manual section 303-03: Engine Cooling - Diagnosis and Testing - Cooling System Pressure Test).</p> <p>Make sure the following components are inspected as part of the cooling system pressure testing diagnosis:</p> <ol style="list-style-type: none"><li>1. Coolant expansion tank/coolant expansion tank filler cap</li><li>2. Coolant expansion tank bleed screw - If leaking then a new coolant expansion tank must be installed</li></ol>

3. Turbocharger coolant inlet/outlet hoses
4. Thermostat housing and hose connections
5. Auxiliary water pump connections
6. Radiators and coolers
7. Charge air coolers - external and internal (remove the charge air cooler intake pipe to inspect for internal leaks)
8. Electric supercharger bypass valve body

Complete a coolant concentration (see TOPIx Workshop Manual section 303-03C: Engine Cooling – General Procedures – Cooling System Concentration Check).

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