

<b>Reference</b>	SSM76249
<b>Models</b>	Defender / L663 Discovery / L462 Discovery Sport / L550 New Range Rover Evoque / L551 Range Rover Velar / L560
<b>Title</b>	Ingenium I4 2.0L Petrol - Thermostat Housing Engine Coolant Leak
<b>Category</b>	Engine
<b>Last modified</b>	03-Feb-2025 00:00:00
<b>Symptom</b>	402000 Cooling System Concerns
<b>Attachments</b>	Inspection_Areas.PNG (Inspection_Areas.PNG) Leak_Example.PNG (Leak_Example.PNG) Overview.PNG (Overview.PNG)
<b>Content</b>	<p><b>Model / Model Year / Derivative</b></p> <p>Defender / 20 - 24 MY / Ingenium I4 2.0L petrol  Discovery / 20 - 24 MY / Ingenium I4 2.0L petrol  Discovery Sport / 20 - 24MY / Ingenium I4 2.0L petrol  Range Rover Evoque / 20 - 24MY / Ingenium I4 2.0L petrol  Range Rover Velar / 20 - 24MY / Ingenium I4 2.0L petrol</p> <p><b>Situation:</b></p> <p>JLR Engineering investigations have identified reports of the low engine coolant level warning lamp illuminated on the instrument panel and/or engine coolant leaking from the thermostat housing area on Ingenium I4 2.0L petrol engine variants.</p> <p>Refer to the attachments:</p> <ul style="list-style-type: none"> <li>• 'Overview' - for the overall location</li> <li>• 'Leak_Example' - example photo of engine coolant leaking from the welded spigot cap</li> <li>• 'Inspection_Areas' - the most likely areas for the engine coolant leak are from the welded spigot cap or from the gasket seal to the engine block.</li> </ul> <p><b>Cause:</b></p> <p>The cause is under investigation and any evidence provided in support of this SSM will assist engineering in diagnosing the root cause.</p> <p><b>Action:</b></p> <p>Refer to the service request below.</p> <p><b>Service Request:</b></p>

If you have diagnosed an engine coolant leak in the area of the thermostat housing, proceed to repair the vehicle and also raise an Electronic Product Quality Report (EPQR), which must include the below information:

- Reference to PTS\_100
- Reference to P373120
- Photographs/video evidence of the thermostat housing engine coolant leak (before parts are removed from the vehicle)
- Photographs/video evidence of the thermostat housing removed from the vehicle and any obvious defects/leak paths
- Any related supporting notes
- Update the EPQR to detail all completed actions.

(Ref 000373120 / 2240)

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