

Reference	SSM75808
Models	Discovery Sport / L550 New Range Rover Evoque / L551
Title	INGENIUM I4 2.0L PETROL - Message centre displays `Coolant Level Low` warning message.
Category	Engine
Last modified	03-Aug-2022 00:00:00
Symptom	402000 Cooling System Concerns
Content	<p><u>Issue:</u> Jaguar Land Rover (JLR) is investigating customer reports coolant level low.</p> <p>After diagnosis, Charge Air Coolers (CAC) are being reported to have internal coolant leaks on AJ20-P4 variants.</p> <p>In some circumstances the below Diagnostic Trouble Code (DTC) is also stored within the Powertrain control module (PCM).</p> <ul style="list-style-type: none">• P0507-00 Idle Control System - RPM Higher Than Expected is also stored within the Powertrain control module (PCM). <p><u>Cause:</u> Under investigation</p> <p><u>Action:</u> If the customer concern has been rectified, attach all the information identified to an ePQR, quoting this SSM, along with the:</p> <p>Confirmation of customer complaint/verbatim:</p> <ul style="list-style-type: none">• Coolant light on (message centre warning)• Coolant low (observation that the coolant level in the expansion tank has dropped)• Coolant leak (seen evidence of coolant leaking in the engine bay or underneath the vehicle) <p>Diagnostic steps:</p> <ul style="list-style-type: none">• Detail of diagnostic steps performed leading to the charge air cooler internal leak as root cause.

- Photos of the Charge Air Cooler internals showing evidence of coolant leak.

Please also save for return to JLR (PTS_300 - Air Intake System)

- 100ml of coolant from the vehicle.
- The Charge Air Cooler.
- Parts Return Request (PRR) will be raised on receipt of EPQR.

Thank you in advance for your assistance with this matter.

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