

Reference	SSM74305
Models	I-PACE / X590
Title	Red low coolant warning message displayed intermittently
Category	Driveability
Last modified	22-Feb-2019 00:00:00
Symptom	698298 Malfunction Indicator Lamp
Attachments	Battery expansion tank.pdf (Battery expansion tank.pdf) RHD Electric Drive Unit expansion tank.pdf (RHD Electric Drive Unit expansion tank.pdf)
Content	<p><u>Issue:</u> Red low coolant warning message displayed on the Instrument Cluster intermittently. Vehicle shows no indication that the coolant is low and no leaks can be found from the coolant systems.</p> <p>NOTE – the concern detailed in this SSM is only applicable to Jaguar I-Pace 2019MY vehicles up to: SADHC2S12K1F72770</p> <p><u>Cause:</u> Battery expansion tank (T4K9051) and Electric Drive Unit expansion tank (T4K9050) float stem area showed that the float stop was not fully formed allowing the float top to travel further than specified.</p> <p><u>Action:</u></p> <ul style="list-style-type: none">• <u>RHD vehicles:</u> Check the coolant level in Battery expansion tank and RHD Electric Drive Unit expansion tank.• Visually inspect coolant systems for leaks.• Inspect coolant level sensor wiring harnesses and connectors.• If no fault can be found for a low coolant warning message: Replace Battery expansion (T4K9051) and RHD Electric Drive Unit expansion tank (T4K9050) <ul style="list-style-type: none">• <u>LHD vehicles:</u> Check the coolant level in Battery expansion tank.• Visually inspect coolant systems for leaks.• Inspect coolant level sensor wiring harnesses and connectors.• If no fault can be found for a low coolant warning message: Replace Battery expansion tank (T4K9051) <p>Note: Coolant tanks were quarantined and quality assured parts can be identified from Date Clocks shown on mouldings = Feb 2019 onwards</p> <p>Please see example of Date Clock Locations: Battery expansion tank.pdf, RHD Electric Drive Unit expansion tank.pdf</p>

Removal and Installation information is in TOPIx Workshop Manual:

- 414-01B: Battery, Mounting and Cables - High Voltage System - Removal and Installation – Electric Vehicle Battery Coolant Expansion Tank
- 603-01: Temperature Control - Removal and Installation – Electric Drive Unit Coolant Expansion Tank