

<b>Reference</b>	SSM75186
<b>Models</b>	Discovery Sport / L550 New Range Rover Evoque / L551 Range Rover / L405 Range Rover Sport / L494 Range Rover Velar / L560
<b>Title</b>	High Voltage (HV) Coolant Heater Internal failure-DTCB1DC-93
<b>Category</b>	Electrical
<b>Last modified</b>	05-Aug-2021 00:00:00
<b>Symptom</b>	208000 Climate Control
<b>Content</b>	<p>Affected Vehicle range range: 20MY and onwards - PHEV variants of L405 L494 L551 L550 L560</p> <p>Issue: The customer may have no cabin heating while running the vehicle in EV mode. DTC B1DC5-93 logged in the HVAC module</p> <p>Cause: JLR are currently investigating the root cause</p> <p>Action:</p> <ol style="list-style-type: none"> <li>1. Clear all DTCs Conduct autoscan on HVAC module</li> <li>2. Conduct autoscan on HVAC module</li> <li>3. Check if DTC B1DC5-93 is still present. Is DTC present?</li> <li>4. On Live Data Read High Voltage Coolant Heater #1 – Overheat Count (22 9A 3C)</li> <li>5. Store results on Vf DB</li> <li>6. Switch the climate panel on, press the brake pedal and start switch. READY will be displayed on the instrument cluster. Using the Jaguar Land Rover approved diagnostic equipment, check the following datalogger signals -       <ol style="list-style-type: none"> <li>7. a, High Voltage Coolant Heater #1 - Overheat Count (0x9A3C)</li> <li>8. b, High Voltage Coolant Heater #1 - Operating Status (0x99B9)</li> <li>9. c, High Voltage Coolant heater #1 - Error Status (0x99B8)</li> </ol> </li> <li>10. Using the Jaguar Land Rover approved diagnostic equipment, perform routine - Unlock HV Coolant Heater 1 - Follow the on screen instructions</li> <li>11. Is the concern still present – with the DTC logged in the HVAC module? If so continue to Step 12 If not, hand the vehicle back to the customer</li> <li>12. Replace HV Coolant Heater, refer to Topix for instructions for HV Coolant Heater replacement. 414-01B - BATTERY, MOUNTING AND CABLES - INGENIUM I4 2.0L PETROL – PHEV - HIGH VOLTAGE INTERIOR HEATER. For X590 – this is located in 412-01</li> <li>13. Raise EPQR noting serial number of the removed HV Coolant Heater on the report</li> </ol>

14. Please prepare the part ready for return back to JLR

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