

Reference	SSM76146
Models	Defender / L663 Discovery Sport / L550 New Range Rover / L460 New Range Rover Evoque / L551 New Range Rover Sport / L461 Range Rover / L405 Range Rover Sport / L494 Range Rover Velar / L560
Title	High Voltage Coolant Heater (HVCH) Inoperative - Malfunction (PHEV) DTC B1DC5-64
Category	Engine
Last modified	19-Sep-2024 00:00:00
Symptom	Cooling System Concerns
Content	<u>Model / Model Year / Derivative</u> Range Rover / 18MY onwards / PHEV Range Rover Sport / 18MY onwards / PHEV Range Rover Evoque / 20MY onwards / PHEV Range Rover Velar / 21MY onwards / PHEV Discovery Sport / 20MY onwards / PHEV Defender / 22MY onwards / PHEV <u>Situation:</u> JLR Engineering have received customer reports of one or more of the below symptoms: - Poor passenger compartment heating performance and/or slow to warm up. - EV mode being unavailable with Diagnostic Trouble Code (DTC) B1DC5-64 stored in the HVAC module. <u>Cause:</u> DTC B1DC5-64 stored for one of the following reasons: - No or low flow of coolant in the cooling system. - Air in the cooling system. - Auxiliary passenger compartment coolant pump issue. - Coolant hose incorrectly installed or faulty. <u>Action:</u> Do not renew the HVCH if DTC B1DC5-64 is stored. This indicates that the HVCH has had an overheat prevention event and will not operate for that drive-cycle. Follow TOPIx DTC help text guidance. If DTC B1DC5-93 is also stored and cannot be erased, then the HVCH should be renewed. Follow TOPIx DTC help text and workshop manual repair guidance.
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