

Reference	SSM75825
Models	Defender / L663 Discovery / L462 Discovery Sport / L550 New Range Rover Evoque / L551 Range Rover / L405 Range Rover Sport / L494 Range Rover Velar / L560
Title	MHEV DC/DC converter noisy / Low battery warning indicator illuminated.
Category	Electrical
Last modified	23-Aug-2022 00:00:00
Symptom	206000 Warning Indicators
Attachments	Video 11.MOV (Video 11.MOV)
Content	<p><u>Issue:</u></p> <p>Jaguar Land Rover (JLR) is investigating customer reports that the low battery warning indicator is illuminated on the Instrument Panel Cluster (IPC), or a squeaking noise can be heard from the MHEV Direct Current to Direct Current (DC/DC) converter when under load.</p> <p>The following Diagnostic Trouble Code (DTC) may also be stored within the Electric Power Inverter Converter Control Module 'D' (EPICD)</p> <p>P0A94-94 DC/DC Converter "A" Performance - Internal electronic failure.</p> <p><u>Cause:</u></p> <p>Internal fault within the MHEV DC/DC converter.</p> <p><u>Action:</u></p> <p>Replace the MHEV DC/DC converter referring to TOPIX workshop manual section 414-01: Direct Current to Direct Current Converter - Removal and Installation</p>

Please note:

In some cases, on vehicles fitted with air suspension, the air suspension compressor has been misdiagnosed as the cause of the squeak. (Do not replace until checks on the MHEV DC/DC converter have confirmed)

Thank you in advance for your assistance with this matter.

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