

<b>Reference</b>	SSM75825
<b>Models</b>	Defender / L663 Discovery / L462 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
<b>Title</b>	MHEV DC/DC Converter - Squeaking Noise From Inside The Cabin.
<b>Category</b>	Noise Vibration
<b>Last modified</b>	23-Nov-2022 00:00:00
<b>Symptom</b>	702000 Other Noise Concerns
<b>Attachments</b>	11Image 15.png (11Image 15.png)

**Content**

Issue:  
Jaguar Land Rover (JLR) is investigating customer reporting a squeaking noise. This squeak can be heard from the MHEV Direct Current to Direct Current (DC/DC) converter, when under load.

Cause:  
Internal fault within the MHEV DC/DC converter.

Action:  
Confirm the squeak is coming from the MHEV DC/DC converter. This can be done by removing the 10 pin connector (reference Image 1). Turn on some vehicle electrical systems to place a load on the charging system and see if the squeak is no longer present.

If this check confirms that the noise is coming from the MHEV DC/DC converter then replace, referring to TOPix workshop - Direct Current to Direct Current Converter - Removal and Installation

If the squeak is still present, then clear all DTC's and continue investigation.

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 been conducted)

Thank you in advance for your assistance with this matter.

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