

<b>Reference</b>	SSM76173
<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 Velar / L560
<b>Title</b>	MHEV DCDC internal failure with warning message
<b>Category</b>	Electrical
<b>Last modified</b>	30-Aug-2024 00:00:00
<b>Symptom</b>	204000 Instrumentation
<b>Content</b>	<p><b>Model / Model Year / Derivative</b></p> <p>Range Rover / 22MY onwards / Mild Hybrid Electric Vehicle (MHEV)  Range Rover Sport / 23MY onwards / MHEV  Range Rover Velar / 20MY onwards / MHEV  Discovery / 20MY onwards / MHEV  Range Rover Evoque / 19MY onwards / MHEV  Discovery Sport / 19MY onwards / MHEV  Defender / 20MY onwards / MHEV</p> <p><b>Note:</b></p> <p>This SSM is only applicable to vehicles installed with the following part numbers:  Service part number - Direct Current to Direct Current (DCDC) Converter 433123456 (N8B214B227AC)  Service part number - Harness 419123816 (R8E214N178AC)</p> <p><b>Situation:</b></p> <p>Certain vehicles are displaying a 'Stop Safely Electrical Fault Detected' warning message on the instrument panel. In some cases, a loss of 12V charging may also be experienced. Visible signs of damage to the connectors of the 48V DCDC converter and connector harness may also be present.</p> <p><b>Cause:</b></p> <p>Internal failure in the 48V DCDC converter.</p> <p><b>Action:</b></p> <p>Refer to the service information below.</p> <p><b>SERVICE INFORMATION:</b></p> <p>Inspect the 48V DCDC converter for signs of failure and damage to the connectors and harness. If damage is confirmed, renew the DCDC converter and harness.</p>

For the below vehicles, see TOPIx Workshop Manual section 414-03: Battery Charging MHEV - Removal and Installation - Direct Current to Direct Current (DCDC) Converter.

- Range Rover / 22MY onwards / Mild Hybrid Electric Vehicle (MHEV)
- Range Rover Sport / 23MY onwards / MHEV

For the below vehicles, see TOPIx Workshop Manual section 414-01: Battery Charging MHEV - Removal and Installation - Direct Current to Direct Current (DCDC) Converter.

- Range Rover Velar / 20MY onwards / MHEV
- Discovery / 20MY onwards / MHEV
- Range Rover Evoque / 19MY onwards / MHEV
- Discovery Sport / 19MY onwards / MHEV
- Defender / 20MY onwards / MHEV

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