

Reference	SSM76171
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	Malfunction Indicator Lamp (MIL) on with Diagnostic Trouble Code (DTC) P0AA6-1A
Category	Driveability
Last modified	07-Oct-2024 00:00:00
Symptom	698298 Malfunction Indicator Lamp
Content	<p>Model / Model Year / Derivative</p> <p>Range Rover (L405) / 18MY to 22MY / AJ20 P4 PHEV Range Rover (L460) / 23MY onwards / AJ20 P6 PHEV Range Rover Sport (L494) / 18MY to 22MY / AJ20 P4 PHEV Range Rover Sport (L461) / 23MY onwards / AJ20 P6 PHEV Discovery Sport / 20MY onwards / AJ20P3 PHEV Defender (L663) / 21MY onwards / AJ20 P4 PHEV Evoque (L551) / 20MY onwards / AJ20P3 PHEV Velar / 21MY onwards / AJ20 P4 PHEV</p> <p>Situation:</p> <p>JLR Engineering investigations have found that certain vehicles are exhibiting both of the below symptoms:</p> <ul style="list-style-type: none"> • The instrument panel may display an amber High Voltage (HV) system warning message & a Malfunction Indication Lamp (MIL) at the end of a charging cycle before the charging cable is removed. • Diagnostic Trouble Code (DTC) P0AA6-1A (High Voltage Interlock Loop (HVIL) Isolation Fault) stored in the Battery Energy Control Module (BECM). <p>Cause:</p> <p>A compatibility concern between certain makes and models of Mode 4 chargers and the Battery Charge Control Module (BCCM) functionality. The instrument panel may display an amber High Voltage (HV) system warning message & a Malfunction Indication Lamp (MIL) at the end of a charging cycle before the charging cable is removed.</p> <p>Action:</p> <p>There is no known issue with the performance of the vehicle. The MIL will remain illuminated for 3 drive cycles and then, if no other issue is present, extinguish, unless the same charge sequence and equipment are used. Refer to the service information below.</p> <p>SERVICE INFORMATION:</p>

Follow TOPIx DTC help text and workshop manual repair guidance for P0AA6-1A HVIL Isolation fault if stored in the Battery Energy Control Module (BECM).

If the amber warning message continues to be illuminated following charge cable removal or the warning is red, raise a Technical Assist (TA) for the attention of the PTS_120 Engineering team.

(Ref 000386151)

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