

Reference	SSM75687
Models	Range Rover / L405 Range Rover Sport / L494
Title	PHEV BATTERY (P0AA0-66 - COUNTER B) - TOO FREQUENT
Category	Electrical
Last modified	18-Feb-2022 00:00:00
Symptom	203000 Basic Electrical
Attachments	SSM Attachment P0AA0-661.pdf (SSM Attachment P0AA0-661.pdf)

Content**Issue:**

JLR is investigating Electric Vehicle (EV) mode & High Voltage Charging not available and P0AA0-66 COUNTER B) - TOO FREQUENT stored within the Battery Energy Control Module (BECM)

Cause:

DTC P0AA0-66 in BECM is triggered by DID 0x485E (counter B) reaching a threshold limit of 200 events, in many cases resulting in the HV battery replacement. The presence of a third-party vehicle immobiliser, which interacts with the vehicle CAN network, may alter the regular start-up and shut-down routines. In particular, the operation of immobiliser model Autowatch Gen I has been found to be responsible for the accelerated count in DID x0485E that triggers DTC P0AA0-66

Action:

Please complete the following steps:

- Using Pathfinder, confirm P0AA0-66 COUNTER B) - TOO FREQUENT stored within the BECM
- Look for vehicle immobiliser. It will likely be fitted onto the CAN network on the passenger side under the floor – Please view example attachment
- If the immobiliser is present, please highlight to the customer this is the cause and advise any consequential loss or damage caused by the installation or use of non-approved / non-recommended parts, products or accessories will not be covered by any Jaguar

Land Rover warranties – Please view the JLR Global Warranty Manual for further details.

- Any further concerns please raise an EPQR

There is currently a TOPIx DTC help text update in progress, once live this SSM will be deleted

Thank you in advance for your assistance with this matter.

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