

Part 573 Safety Recall Report

23V-568

Manufacturer Name : Jaguar Land Rover North America, LLC

Submission Date : AUG 10, 2023

NHTSA Recall No. : 23V-568

Manufacturer Recall No. : N786



Manufacturer Information :

Population :

Manufacturer Name : Jaguar Land Rover North America, LLC

Number of potentially involved : 1

Address : 100 Jaguar Land Rover Way

Estimated percentage with defect : 100 %

Mahwah NJ 07495

Company phone : 8188500

Vehicle Information :

Vehicle 1 : 2023-2023 LAND ROVER RANGE ROVER

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : Jaguar Land Rover is conducting a voluntary safety recall campaign involving one 2023MY Land Rover Range Rover PHEV vehicle where the bolt connecting the busbar to the HV connector has not achieved the required clamp force built at the Solihull Vehicle Assembly Plant on February 8, 2023. 1 vehicle in the United States and Federalized Territories. The basis for the recall population is PHEV vehicles which have had a High Voltage (HV) battery pack installed which have been identified through battery assembly plant production records as being incorrectly assembled.

Production Dates : FEB 08, 2023 - FEB 08, 2023

VIN Range 1 : Begin : SALKP9F48PA [REDACTED] **End :** SALKP9F48PA [REDACTED] Not sequential

Description of Defect :

Description of the Defect : A concern has been identified on certain 2023MY Land Rover Range Rover PHEV vehicles which have had a HV Battery installed where the battery assembly plant records indicate that a bolt connecting the busbar to a HV traction battery module connector has not achieved the required clamp force.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Where the bolt connecting the busbar to the HV connector has not achieved the required clamp force there is potential for arcing at the joint and excessive heat generation which can puncture the battery casing and lead to a vehicle fire.

Description of the Cause : NR

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : HV Battery Pack

Component Description : HV Battery Pack

Component Part Number : M9Z3-10B759-CA

Supplier Identification :

Component Manufacturer

Name : Jaguar Land Rover Limited

Address : Abbey Road

Whitley, Coventry Foreign States CV3 4LF

Country : United Kingdom

Chronology :

Following a report from the field in late January, 2023, of a potential concern with the High Voltage (HV) Battery pack installed on a Range Rover PHEV vehicle a battery assembly and vehicle assembly plant-wide investigation was instigated. As a precautionary measure, in March, 2023, an Update Prior to Sale (UPS) was put in place to instruct sales stop for potentially affected unsold vehicles.

Following this, an investigation was opened at the Product Safety & Compliance Committee (PSCC) on April 21, 2023. The PSCC requested the Battery Assembly Plant Team fully investigate and define the scope of this issue.

At the PSCC on May 2, 2023, an update on the progress of the UPS was provided. The Battery Assembly Plant team reported their initial findings that the concern with the HV battery pack may be related to an incorrectly fitted bolt connecting the busbar to the HV connector.

During May and June, 2023, the PSCC was updated on the progress of the UPS and the Battery Assembly Plant team investigation into the scope as well as potential consequences of an incorrectly fitted bolt connecting the busbar to the HV connector.

In July, 2023, results of HV battery inspections of components returned as part of the UPS were presented to the PSCC.

On August 1, 2023, the conclusion of the Battery Assembly Plant investigation and returned battery inspections were presented. Further, a final review of the status of the UPS revealed there were vehicles known to have entered into commerce. Based on the feedback received, the PSCC progressed the issue to the Recall Determination Committee (RDC) for review.

The RDC reviewed the issue on August 3, 2023, and concluded that it represented an unreasonable risk to safety and that a voluntary safety recall should be conducted.

There have been no reported accidents or injuries as a result of this concern.

JLR has received no reports of vehicle fires in the US.

Description of Remedy :

Description of Remedy Program : Vehicles will have the High Voltage Battery replaced. There will be no charge to the owners for this repair. The affected vehicles will be covered under Jaguar Land Rover's new vehicle warranty program. Therefore, reimbursement for pre-notice remedies are not necessary because the affected vehicles are still under warranty.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Notifications to dealers will occur on August 24, 2023. Distribution of owner notification letters will occur on or before October 6, 2023.

Planned Dealer Notification Date : AUG 24, 2023 - AUG 24, 2023

Planned Owner Notification Date : OCT 06, 2023 - OCT 06, 2023

* NR - Not Reported