

# Part 573 Safety Recall Report

# 21V-457

**Manufacturer Name :** Jaguar Land Rover North America, LLC**Submission Date :** JUL 08, 2021**NHTSA Recall No. :** 21V-457**Manufacturer Recall No. :** N607**Manufacturer Information :****Population :**

Manufacturer Name : Jaguar Land Rover North America, LLC

Number of potentially involved : 1,383

Address : 100 Jaguar Land Rover Way

Estimated percentage with defect : 100 %

Mahwah NJ 07495

Company phone : 8188500

**Vehicle Information :**

Vehicle 1 : 2020-2021 LAND ROVER DISCOVERY

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

**Descriptive Information :** Jaguar Land Rover is conducting a voluntary safety recall campaign involving certain 2020 and 2021 Model Year Discovery vehicles built at Nitra Assembly Plant, Slovakia from November 11th, 2020 to March 3rd, 2021. 1383 Discovery vehicles in the United States and Federalized Territories. The basis of the recall population was derived from Jaguar Land Rover data where the VIN range for vehicles affected were determined by specific model type and specification 2020 and 2021MY Discovery vehicles built from November 11th, 2020 to March 3rd, 2021.

**Production Dates :** NOV 05, 2019 - MAR 03, 2021

VIN Range 1 : Begin : SALRU2RV3L2427521 End : SALRT2RV7L2446236

 Not sequential

VIN Range 2 : Begin : SALRT4RU1M2446804 End : SALRT4RU3M2453141

 Not sequential**Description of Defect :**

**Description of the Defect :** A concern has been identified with certain 2020 to 2021 Model Year Discovery vehicles, built at the Nitra assembly plant, where due to insufficient contact of the battery earth stud to the chassis, the vehicle may exhibit various electrical faults. The vehicle could cut out while in motion and may lose all electrical power.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** Vehicle cut out while in motion and loss of exterior lighting without warning to the driver could lead to an increased risk of a crash.

**Description of the Cause :** NR

Identification of Any Warning NR  
that can Occur :

## Involved Components :

Component Name 1 : Earth Stud

Component Description : Ground Stud

Component Part Number : W781533

## Supplier Identification :

### Component Manufacturer

Name : Jaguar Land Rover Limited

Address : Abbey Road

Whitley, Coventry Foreign States CV3 4LF

Country : United Kingdom

## Chronology :

Following the determination of a safety defect on a population of Discovery vehicles for battery earth stud related electrical issue [reference recall 20V694 (N400)], monitoring of field reports for vehicle cut out while at highway speed post the cut-off point from the prior investigation were noted.

As a result of these post cut-off point reports, a further Product Safety and Compliance Committee investigation was initiated on May 4, 2021. The PSCC directed the engineering team to review the manufacturing processes and controls relating to the battery earth stud at the Nitra vehicle assembly plant and at the supplier of the body panel in which these earth studs are installed.

The team returned to the PSCC in late May 2021 where the initial investigation found the installation of the earth stud as part of the body panel fabrication process may not create enough physical contact area between the self-piercing earth stud and the body panel. The engineering team evaluated the consequence of this newly established condition and recognized that where the contact area was inadequate, electrical resistance would be greater which, over time can lead to heat damage and then open circuit.

The PSCC again reviewed the concern on June 8, 2021, where detailed data analysis was reviewed, comparison with the failure rates for the previous investigation completed and the scope of the issue finalized and agreed. The PSCC progressed the issue to the Recall Determination Committee (RDC).

The RDC reviewed the issue on June 10, 2021, and concluded that it represented an unreasonable risk to safety and a voluntarily safety recall be conducted.

There are no known reported accidents as a consequence of this issue on this population of vehicles.

Also, see File "Recall N607 Chronology - EPQRs".

## Description of Remedy :

Description of Remedy Program : Retailers will replace the earth stud with a bespoke aftermarket specification part. There will be no charge to owners for this repair. The vehicles will be covered under Jaguar Land Rover's new vehicle warranty program. Customers who have paid for a repair of this defect will be reimbursed by the Jaguar Land Rover reimbursement plan, subject to terms and conditions.

How Remedy Component Differs from Recalled Component : NR

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

## Recall Schedule :

Description of Recall Schedule : Distribution of owner notification letters will occur on or before August 13, 2021. Notifications to retailers will occur on July 1, 2021.

Planned Dealer Notification Date : JUL 01, 2021 - JUL 01, 2021

Planned Owner Notification Date : AUG 13, 2021 - AUG 13, 2021

\* NR - Not Reported