U.S. Department of Transportation

National Highway Traffic Safety Administration

Part 573 Safety Recall Report 26V248

Manufacturer Name: Jaguar Land Rover North America, LLC

Submission Date: Sep 17, 2026

NHTSA Recall No.: 26V248

Manufacturer Recall No.: D126 H575

Manufacturer Information

Manufacturer Name: Jaguar Land Rover North America, LLC

Address: 100 Jaguar Land Rover Way
Mahwah NJ, 07495

Population

Total number of potentially involved: 170,169

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2021-2024 JAGUAR F-PACE

Product Category: Light Vehicles

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion:

Production Dates: Oct 28, 2020 - Jan 16, 2024

Number of potentially involved: 4,449

Descriptive Information:

Jaguar Land Rover is conducting a voluntary safety recall campaign involving certain 2021-2024MY Jaguar F-PACE built at the Graz Vehicle Assembly Plant from October 28, 2020 to January 16, 2024. 4,449 Jaguar F-PACE vehicles in the United States and Federalized Territories. The basis of the recall population of vehicles was determined to be Mild Hybrid Electric Vehicles (MHEVs) up until the introduction of a revised specification of DCDC converter.

Vehicle 2: 2020-2024 LAND ROVER DEFENDER

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion:

Production Dates: Oct 16, 2019 - Jun 17, 2024

Number of potentially involved: 53,644

Descriptive Information:

Jaguar Land Rover is conducting a voluntary safety recall campaign involving certain 2020-2024MY Land Rover Defender built at the Nitra Vehicle Assembly Plant from October 16, 2019 to June 17, 2024. 53,644 Land Rover Defender vehicles in the United States and Federalized Territories. The basis of the

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recall population of vehicles was determined to be Mild Hybrid Electric Vehicles (MHEVs) up until the introduction of a revised specification of DCDC converter.

Vehicle 3: 2019-2024 LAND ROVER RANGE ROVER SPORT

Product Category: Light Vehicles

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion:

Production Dates: Oct 18, 2018 - Jun 18, 2024

Number of potentially involved: 61,616

Descriptive Information:

Jaguar Land Rover is conducting a voluntary safety recall campaign involving certain 2019-2024MY Land Rover Range Rover Sport built at the Solihull Vehicle Assembly Plant from October 18, 2018 to June 18, 2024. 61,616 Land Rover Range Rover vehicles in the United States and Federalized Territories. The basis of the recall population of vehicles was determined to be Mild Hybrid Electric Vehicles (MHEVs) up until the introduction of a revised specification of DCDC converter.

Vehicle 4: 2021-2024 LAND ROVER RANGE ROVER VELAR

Product Category: Light Vehicles

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion:

Production Dates: Nov 17, 2020 - Jan 19, 2024

Number of potentially involved: 5,304

Descriptive Information:

Jaguar Land Rover is conducting a voluntary safety recall campaign involving certain 2021-2024MY Land Rover Range Rover Velar built at the Solihull Vehicle Assembly Plant from November 17, 2020 to January 19, 2024. 5,308 Land Rover Range Rover Velar vehicles in the United States and Federalized Territories. The basis of the recall population of vehicles was determined to be Mild Hybrid Electric Vehicles (MHEVs) up until the introduction of a revised specification of DCDC converter.

Vehicle 5: 2020-2024 LAND ROVER RANGE ROVER

Product Category: Light Vehicles

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion:

Production Dates: Jun 17, 2019 - Mar 18, 2024

Number of potentially involved: 34,930

Descriptive Information:

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Jaguar Land Rover is conducting a voluntary safety recall campaign involving certain 2010-2024MY Land Rover Range Rover built at the Solihull Vehicle Assembly Plant from October 17, 2019 to March 18, 2024. 34,930 Land Rover Range Rover vehicles in the United States and Federalized Territories. The basis of the recall population of vehicles was determined to be Mild Hybrid Electric Vehicles (MHEVs) up until the introduction of a revised specification of DCDC converter.

Vehicle 6: 2021-2022 JAGUAR E-PACE

Product Category: Light Vehicles

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion:

Production Dates: Nov 11, 2020 - Feb 22, 2022

Number of potentially involved: 528

Descriptive Information:

Jaguar Land Rover is conducting a voluntary safety recall campaign involving certain 2021-2022MY Jaguar E-PACE built at the Graz Vehicle Assembly Plant from November 11, 2020 to February 22, 2022. 528 Jaguar E-PACE vehicles in the United States and Federalized Territories. The basis of the recall population of vehicles was determined to be Mild Hybrid Electric Vehicles (MHEVs) up until the introduction of a revised specification of DCDC converter.

Vehicle 7: 2020-2020 LAND ROVER DISCOVERY SPORT

Product Category: Light Vehicles

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion:

Production Dates: Jul 24, 2019 - Oct 14, 2020

Number of potentially involved: 381

Descriptive Information:

Jaguar Land Rover is conducting a voluntary safety recall campaign involving certain 2020MY Land Rover Discovery Sport built at the Halewood Vehicle Assembly Plant from July 24, 2019 to October 14, 2020. 381 Land Rover Discovery Sport vehicles in the United States and Federalized Territories. The basis of the recall population of vehicles was determined to be Mild Hybrid Electric Vehicles (MHEVs) up until the introduction of a revised specification of DCDC converter.

Vehicle 8: 2021-2024 LAND ROVER DISCOVERY

Product Category: Light Vehicles

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion:

Production Dates: Dec 03, 2020 - Jun 06, 2024

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Number of potentially involved: 6,323

Descriptive Information:

Jaguar Land Rover is conducting a voluntary safety recall campaign involving certain 2021-2024MY Land Rover Discovery built at the Nitra Vehicle Assembly Plant from December 03, 2020 to June 06, 2024. 6,323 Land Rover Discovery vehicles in the United States and Federalized Territories. The basis of the recall population of vehicles was determined to be Mild Hybrid Electric Vehicles (MHEVs) up until the introduction of a revised specification of DCDC converter.

Vehicle 9: 2020-2023 LAND ROVER RANGE ROVER EVOQUE

Product Category: Light Vehicles

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion:

Production Dates: Oct 05, 2018 - Mar 10, 2023

Number of potentially involved: 2,994

Descriptive Information:

Jaguar Land Rover is conducting a voluntary safety recall campaign involving certain 2020-2023MY Land Rover Range Rover Evoque built at the Halewood Vehicle Assembly Plant from October 05, 2018 to March 10, 2023. 2,994 Land Rover Range Rover Evoque vehicles in the United States and Federalized Territories. The basis of the recall population of vehicles was determined to be Mild Hybrid Electric Vehicles (MHEVs) up until the introduction of a revised specification of DCDC converter.

Defect / Noncompliance Description

Description of the defect or noncompliance:

A concern has been identified on Jaguar and Land Rover Mild Hybrid Electric Vehicles (MHEVs) where insufficient electrical load balancing during times of high demand can lead to a current overload condition and malfunction of the DCDC converter.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

A failure of the DCDC converter will result in a loss of 12V system charging, and a “Stop Safely Electrical Fault Detected” red warning. Should the customer ignore this warning and continue to drive, additional warnings may appear. Continuation of the journey will result in the vehicle losing motive power and coasting to a stop after a period of time, and eventually losing exterior lighting. A loss of motive power, or of vehicle lighting, will increase the risk of a crash.

Description of the cause:

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Identification of any warning that can occur:

Within 10 seconds of the failure, a red warning message saying “Stop Safely Electrical Fault Detected” will be displayed. Progressively as the 12V system loses charge, warnings including but not limited to Lane Keep Assistance being disabled, Suspension Fault, Stability Control Fault may be shown. Should the vehicle continue to be driven, the vehicle will shift into Neutral with a Gearbox fault shown. The engine will continue to run for a period of time, and exterior lighting will remain available after the center screen and air conditioning switches off. Eventually, the engine will shut down and, some time later, the battery will lose sufficient power to sustain exterior lighting.

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: LG Innotek

Address: LG Innotek Poland Sp. z o.o.
Seulska 2
Biskupice Podgórne Foreign States, 55-040

Country: Poland

Involved Components

Component Name 1: DCDC Converter
Component Description: DCDC Converter
Component Part Number: N8B2-14B227-AA (LG Innotek)

Component Name 2: DCDC Converter
Component Description: DCDC Converter
Component Part Number: N8B2-14B227-AB (LG Innotek)

Component Name 3: DCDC Converter
Component Description: DCDC Converter
Component Part Number: NK62-14B227-A* (LG Innotek)

Component Name 4: DCDC Converter
Component Description: DCDC Converter
Component Part Number: K8D2-14B227-A* (Yazaki)

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Component Name 5: DCDC Converter

Component Description: DCDC Converter

Component Part Number: L8B2-14B227-A* (Yazaki)

Chronology

Following an increase in the number of warranty claims received for DCDC converter failure globally, JLR's Product Safety and Compliance Committee (PSCC) reviewed the matter in September 2024. It was concluded, given the gradual progression of symptoms experienced by the customer, that the issue did not pose an unreasonable risk to safety.

Further reports were received for vehicles globally in 2025 and a dedicated engineering task force was set up to understand the potential causes of the replacements and to focus on ensuring a robust resolution for JLR's customers.

From November 2025, on resumption of system access following a cyber incident, to March 2026, this task force continued working daily on the complex topic, including conducting hardware-in-the-loop testing, physical testing and virtual simulation. The task force reported regularly into JLR's Quality Forums.

In early 2026 and in parallel with this engineering activity, reviews were held with a number of government agencies in which JLR discussed the known field events as well as the progression of customer symptoms and warnings from point of DCDC failure to loss of vehicle power.

On 07 April 2026, JLR received input from NHTSA clarifying the Agency's view of the matter to be one of a safety nature rather than customer satisfaction. JLR reviewed this input in its PSCC Decision Forum on 10 April 2026 and decided to proceed in accordance with the Agency's viewpoint. It was decided to launch a safety recall in markets where the authority's assessment of the issue is similar to that expressed by the Agency. Affected vehicles in other markets will be considered for remedy under a Quality campaign.

Following the announcement of this campaign and through Q2 and Q3 2026, JLR's engineering team has continued to investigate this condition and identify and develop a remedy. Through repeated testing of current DCDC hardware, along with alternative hardware specifications intended to provide additional robustness, results led to the conclusion that the root cause of the issue does not lie within the DCDC converter hardware.

On 10 September 2026, the status of the investigation, engineering work and remedy development was relayed to the PSCC Decision Forum, which concluded that the defect lies with the vehicle's inadequate electrical load balancing during periods of high demand. The forum instructed that load-balancing software development be concluded and affected vehicles be remedied through this recall at the earliest opportunity.

JLR has received 6,159 claims and field reports involving replacement of the DCDC converter in the US between July 2019 and September 2026.

There have been no reported accidents, injuries or fires in the US as a result of this concern.

Related NHTSA Recall Number:

Description of Remedy

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Remedy Type: Repair, Software

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Vehicles will have their software updated to ensure adequate load-balancing at times of high demand. In addition, the software will introduce a protective “limp-home” mode which will provide a warning followed by a power derate in the event of the DCDC converter going offline for any reason.

There will be no charge for this remedy.

How remedy component differs from recalled component:

The remedy includes a new central software strategy to ensure adequate load balancing across the vehicle systems at times of high demand.

Identify how/when recall condition was corrected in production:

At this time, JLR does not believe that current production vehicles are affected by this condition.

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

Notifications to dealers will occur on May 1, 2026. Distribution of owner notification letters will occur on or before June 12, 2026.

Planned Dealer Notification Date: May 01, 2026 - May 01, 2026 ☐ No Dealers

Planned Interim Owner Notification Date: Jun 12, 2026 - Jun 12, 2026 ☐ No Owners

Planned Remedy Owner Notification Date: ☐ Phased Recall

Date when VIN will be searchable: