



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

24V700

Manufacturer Name: Nissan North America, Inc.

Submission Date: Nov 14, 2024

NHTSA Recall No.: 24V700

Manufacturer Recall No.: R24B2

Manufacturer Information

Population

Manufacturer Name: Nissan North America, Inc.

Address: P. O. BOX 685001
Franklin TN, 37068-5009

Total number of potentially involved: 25,704

Estimated percentage with defect: 1%

Vehicle Information

Vehicle 1: 2019-2020 Nissan LEAF

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion:

Production Dates: Aug 29, 2018 - Nov 03, 2020

Number of potentially involved:

Descriptive Information:

Certain Model Year 2019-2020 Nissan LEAF vehicles equipped with the quick charge port (for Level 3 charging via CHAdeMO connector) and manufactured from August 29, 2018 to November 3, 2020 at the Nissan Smyrna plant.

Based on Nissan production records, this issue can affect certain Model Year 2019 – 2020 LEAF vehicles during Level 3 quick charging.

There is no evidence other Nissan or INFINITI vehicles are affected.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Nissan is continuing to investigate this issue. Preliminarily, Nissan has determined the lithium-ion battery in affected vehicles may experience excessive lithium deposits within battery cells, increasing the electrical resistance and potentially causing a fluctuation in the state of charge.

FMVSS1:

FMVSS2:

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

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While the vehicle is Level 3 quick charging, the increased electrical resistance could result in rapid heating of the battery. If quick charging continues, a battery fire may occur increasing the risk of injury.

Description of the cause:

Identification of any warning that can occur:

During Level 3 quick charging, the customer may notice smoke, noise, interrupted charging, or thermal odors coming from the vehicle's battery.

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: Automotive Energy Supply Corporation (AE)

Address: 500 Battery Plant Road
Smyrna TN, 37167

Country: United States

Involved Components

Component Name 1: BAT ASSY-MAIN B

Component Description: Battery – 60kWh

Component Part Number: 295B0 5SA1C

Component Name 2: BAT ASSY-MAIN B

Component Description: Battery – 60kWh

Component Part Number: 295B0 5SF0A

Component Name 3: BAT ASSY-MAIN B

Component Description: Battery – 40kWh

Component Part Number: 295B0 5SA0C

Chronology

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See attached Amended Part 573 for Chronology details.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Software

Consumer Advisories: Do Not Drive Park Outside

Description of remedy program:

Dealers were notified of the recall beginning September 20, 2024. On October 10, 2024, Nissan issued an Interim Owner Letter instructing customers not to use Level 3 quick charging until the remedy is completed. Nissan is developing a software reprogram to prevent progression to thermal incident.

Due to an unexpected delay in the final remedy software development, owners will be mailed a second interim letter in late November 2024 updating them on the final remedy schedule. Nissan now expects the final remedy software to be available in Spring 2025. This repair will be performed free of charge.

Nissan will not include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy since the subject vehicles are under warranty.

How remedy component differs from recalled component:

Identify how/when recall condition was corrected in production:

Reimbursement Plan

Description of reimbursement program:

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

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Recall Schedule

Description of recall schedule:

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Planned Dealer Notification Date: Sep 20, 2024

No Dealers

Planned Interim Owner Notification Date:

No Owners

Planned Remedy Owner Notification Date: Oct 10, 2024

Phased Recall

Date when VIN will be searchable: