

# Part 573 Safety Recall Report

# 24V-700

**Manufacturer Name :** Nissan North America, Inc.

**Submission Date :** NOV 14, 2024

**NHTSA Recall No. :** 24V-700

**Manufacturer Recall No. :** R24B2



## Manufacturer Information :

**Manufacturer Name :** Nissan North America, Inc.

**Address :** P. O. BOX 685001

Franklin TN 37068-5009

**Company phone :** 800-647-7261

## Population :

**Number of potentially involved :** 25,704

**Estimated percentage with defect :** 1 %

## Vehicle Information :

**Vehicle 1 :** 2019-2020 Nissan LEAF

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** HATCHBACK

**Power Train :** HYBRID ELECTRIC

**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.

**Production Dates :** AUG 29, 2018 - NOV 03, 2020

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** 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.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** 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 :** NR

Identification of Any Warning : During Level 3 quick charging, the customer may notice smoke, noise, that can Occur : interrupted charging, or thermal odors coming from the vehicle's battery.

## 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 5SFOA

Component Name 3 : BAT ASSY-MAIN B

Component Description : Battery – 40kWh

Component Part Number : 295B0 5SA0C

## Supplier Identification :

### Component Manufacturer

Name : Automotive Energy Supply Corporation (AE)

Address : 500 Battery Plant Road  
Smyrna Tennessee 37167

Country : United States

## Chronology :

See attached Amended Part 573 for Chronology details.

## Description of Remedy :

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 : NR

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

## Recall Schedule :

Description of Recall Schedule : 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.

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Planned Dealer Notification Date : SEP 20, 2024 - NR

Planned Owner Notification Date : OCT 10, 2024 - NR

\* NR - Not Reported