



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 18, 2025

NHTSA Recall No.: 24V700

Manufacturer Recall No.: R24B2, P4A38, P5A22

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: 25,704

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 (as described in Section 5 below) can affect certain Model Year 2019 – 2020 LEAF vehicles during Level 3 quick charging.

Certain MY2021-2022 Nissan LEAF vehicles equipped with the quick charge port for Level 3 charging (via CHAdeMO connector) and manufactured from November 3, 2020 to May 23, 2022 at the Nissan Smyrna plant are subject to recall 25V655 for this issue.

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

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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:

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: Tier 1

Supplier Type: OEM

Name:

Address: TN

Country: United States

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 – 62kWh

Component Part Number: 295B0 5SA1C

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Component Name 2: BAT ASSY-MAIN B

Component Description: Battery – 62kWh

Component Part Number: 295B0 5SF0A

Component Name 3: BAT ASSY-MAIN B

Component Description: Battery – 40kWh

Component Part Number: 295B0 5SA0C

Chronology

See attached Amendment #2 Part 573 for updated Chronology of Principal Events 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 on September 20, 2024. Nissan mailed interim notification letters to all affected owners as follows:

- Nissan sent interim owner letters to owners on October 10, 2024. The letter instructed owners not to use Level 3 quick charging until the remedy was completed. Nissan communicated that the remedy software was anticipated to be available in November 2024.
- Following unexpected delays in the software development, Nissan followed up with a second interim letter to owners on November 22, 2024. This second interim letter advised owners that Nissan was continuing development of the remedy software and updated final remedy timing to Spring 2025. Additionally, this letter reminder owners not to use Level 3 quick charging until the remedy was completed.
- Due to further unexpected delays in the testing and validation of the intended final remedy software, owners were mailed a third interim remedy letter beginning June 20, 2025. Nissan communicated to owners that it anticipated remedy software beginning in Q3 2025 and reiterated to continue to not to use Level 3 quick charging until the remedy was completed.

Nissan notified dealers it had identified a selection of focus group vehicles to be among the first to receive the interim remedy software on October 8, 2025. Dealers were instructed to reprogram the Lithium Battery Controller (LBC) with updated software. This new software will monitor the battery state-of-charge. If a fluctuation is detected, the software will display a "Service EV System Power

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reduced” message on the vehicle’s information display screen and prevent vehicle recharging or restarting. After reprogramming is completed, dealers will fully recharge the EV battery and check to confirm that there are no Diagnostic Trouble Codes (DTCs) for the EV battery. If a DTC is detected, additional diagnostic service will be required to repair the EV battery. Customers will be instructed to drive their vehicles to 20% battery state of charge before the first recharging to allow the diagnostic software to complete a full monitoring cycle before recharging. Recharging before the software monitoring cycle is complete could potentially result in a lack of detection of increased electrical resistance, which could increase the risk of rapid heating and battery fire occurring during Level 3 quick charging.

The reprogramming process and DTC check should take approximately one and a half (1.5) hours to complete, followed by time to charge the EV battery to 100%. If an EV battery DTC is detected after reprogramming, additional diagnostic services will be required to repair the EV battery. Based on the diagnostic result, the Nissan dealer will provide an estimated time for repair. The interim remedy will be performed free of charge for parts and labor.

On October 14, 2025, Nissan called focus group vehicle owners and mailed an invitation for the interim repair.

Nissan will notify all affected customers when the final remedy is ready to launch.

Nissan will include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy for affected vehicles which are no longer 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:

Recall Schedule

Description of recall schedule:

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Planned Dealer Notification Date: Sep 20, 2024

No Dealers

Planned Interim Owner Notification Date: Oct 10, 2024

No Owners

Planned Remedy Owner Notification Date: Dec 31, 2025

Phased Recall

Date when VIN will be searchable: Sep 21, 2024