



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V655

Manufacturer Name: Nissan North America, Inc.

Submission Date: Sep 30, 2025

NHTSA Recall No.: 25V655

Manufacturer Recall No.: TBC

Manufacturer Information

Population

Manufacturer Name: Nissan North America, Inc.

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

Total number of potentially involved: 19,077

Estimated percentage with defect: 1%

Vehicle Information

Vehicle 1: 2021-2021 NISSAN LEAF

Product Category: Light Vehicles

Product Type: Passenger Car

Fuel / Propulsion: Electric Battery Power

Production Dates: Nov 03, 2020 - Jun 24, 2021

Number of potentially involved: 6,545

Descriptive Information:

Certain Model Year 2021 – 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.

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 are already subject to Recall 24V-700.

This vehicle population was determined based on Nissan production records. There is no evidence other Nissan or INFINITI vehicles are affected.

Vehicle 2: 2022-2022 NISSAN LEAF

Product Category: Light Vehicles

Product Type: Passenger Car

Fuel / Propulsion: Electric Battery Power

Production Dates: Jun 15, 2021 - May 23, 2023

Number of potentially involved: 12,532

Descriptive Information:

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Certain Model Year 2021 – 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.

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 are already subject to Recall 24V-700.

This vehicle population was determined based on Nissan production records. There is no evidence other Nissan or INFINITI vehicles are affected.

Defect / Noncompliance Description

Description of the defect or noncompliance:

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:

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:

There is no preceding warning to the customer.

Component Manufacturer

Tier of Supplier: Tier 1

Supplier Type: OEM

Name: Automotive Energy Supply Corporation (AE

Address: 500 Battery Plant Road
Smyrna TN, 37167

Country: United States

Involved Components

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25V655**Component Name 1:** BAT ASSY-MAIN B**Component Description:** Lithium-Ion Battery Pack – 62kWh**Component Part Number:** 295B9 5SB1A**Component Name 2:** BAT ASSY-MAIN B**Component Description:** Lithium-Ion Battery Pack – 40kWh**Component Part Number:** 295B9 6WK3B**Component Name 3:** BAT ASSY-MAIN B**Component Description:** Lithium-Ion Battery Pack – 62kWh**Component Part Number:** 295B9 6WK4B**Component Name 4:** BAT ASSY-MAIN B**Component Description:** Lithium-Ion Battery Pack – 62kWh**Component Part Number:** 259B9 6WK5A**Component Name 5:** BAT ASSY-MAIN B**Component Description:** Lithium-Ion Battery Pack – 40kWh**Component Part Number:** 295B9 5SB0A

Chronology

The chronology will be supplemented.

Related NHTSA Recall Number: 24V700

Description of Remedy

Remedy Type: Software**Consumer Advisories:** ☐ Do Not Drive ☐ Park Outside**Description of remedy program:**

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Nissan is preparing the remedy software that will prevent progression to thermal incident. Once the remedy software is ready for deployment, owners of all potentially affected vehicles will be notified with an Invitation to Repair Owner Letter and further instructions.

The remedy once available will be performed free of charge.

How remedy component differs from recalled component:

Identify how/when recall condition was corrected in production:

Reimbursement Plan

Description of reimbursement program:

Nissan will include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy as some of the subject vehicles are no longer under warranty.

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

Recall Schedule

Description of recall schedule:

Dealers will be notified beginning October 3, 2025. Beginning on October 4, 2025, Nissan will issue an Interim Owner Letter instructing customers not to use Level 3 quick charging until the remedy is completed.

Planned Dealer Notification Date: Oct 03, 2025

☐ No Dealers

Planned Interim Owner Notification Date: Oct 04, 2025

☐ No Owners

Planned Remedy Owner Notification Date:

☐ Phased Recall

Date when VIN will be searchable: Oct 04, 2025