



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

## 25V655

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

**Submission Date:** Oct 01, 2025

**NHTSA Recall No.:** 25V655

**Manufacturer Recall No.:** R25C8

### 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:** 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:

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:** 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:

# Part 573 Safety Recall Report

## 25V655

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

# Part 573 Safety Recall Report

**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:**

# Part 573 Safety Recall Report

# 25V655

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 24, 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 24, 2025

☐ No Owners

**Planned Remedy Owner Notification Date:**

☐ Phased Recall

**Date when VIN will be searchable:** Oct 04, 2025