



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V655

Manufacturer Name: Nissan North America, Inc.

Submission Date: Apr 29, 2026

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: 10%

Vehicle Information

Vehicle 1: 2022-2022 NISSAN LEAF

Product Category: Light Vehicles

Product Type:

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

Part 573 Safety Recall Report

25V655

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.

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

Part 573 Safety Recall Report

25V655

Involved Components

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

See attached Amendment #2 of the Part 573 Document for Chronology details.

Related NHTSA Recall Number: 24V700

Description of Remedy

Remedy Type: Software

Part 573 Safety Recall Report

25V655

Consumer Advisories: Do Not Drive Park Outside

Description of remedy program:

Dealers were notified of the recall on October 3, 2025. Nissan mailed interim notification letters to all affected owners as follows:

- Beginning on October 24, 2025, Nissan sent interim owner letters instructing owners not to use Level 3 quick charging until the remedy was completed.
- Nissan notified dealers on November 19, 2025 that the focus group launched with Recall 24V-700 would be expanded to include certain affected MY2021-2022 Nissan LEAF vehicles. This expanded focus group population was among the first to receive the interim remedy software. On November 24, 2025, Nissan called affected MY2021-2022 focus group vehicle owners and mailed an invitation for the interim repair owner letter. Dealers were instructed to reprogram the Lithium Battery Controller (LBC) with updated software. This new software monitors the battery state-of-charge. At the time this remedy was released, the customer was informed if a fluctuation is detected, the software would display a "Service EV System Power reduced" message on the vehicle's information display screen and prevent vehicle recharging or restarting. After reprogramming was completed, dealers fully recharged the EV battery and checked to confirm that there were no Diagnostic Trouble Codes (DTCs) for the EV battery. If a DTC was detected, the customer was informed that additional diagnostic service would be required to repair the EV battery. Customers were 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 took 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 was detected after reprogramming, the customer was informed that additional diagnostic services would be required to repair the EV battery. Based on the diagnostic result, the Nissan dealer provided an estimated time for repair. The interim remedy was performed free of charge for parts and labor.
- On March 31, 2026, Nissan sent a second interim owner letter reiterating the risk of Level 3 quick charging and to inform owners that the anticipated remedy would be available within the 2026 calendar year.

Dealers will be notified of the final remedy on May 15, 2026. The owner notification will be conducted in a phased mailing beginning on May 20, 2026. All affected owners are expected to be notified by first-class mail no later than June 3, 2026.

Dealers will reprogram the LBC and Vehicle Control Module (VCM) software, incorporating logic to detect state of charge (SOC) fluctuations and to improve the warning messaging that is displayed on the combi meter. Once the reprogram is complete, dealers will perform a drive cycle and DTC check for the EV battery and take the appropriate action as described below:

- If there is no DTC for the EV battery, the dealer will fully recharge the EV battery and release the vehicle to the customer who can resume using Level 3 charging. The reprogramming process and DTC check should take approximately two (2) hours to complete, followed by time to charge the EV battery to 100%. This remedy will be conducted free of charge.
- If a particular DTC for the EV battery is detected, dealers will replace the EV battery with a new one if battery replacement is available. The battery replacement may take up to four and a half (4.5) hours to complete, followed by additional time to charge the EV battery to 100%. This repair will be performed free of charge for parts and labor. If a replacement battery is not available, Nissan will initiate a repurchase offer within 3 business days. Nissan will provide a complimentary rental vehicle for a limited period.

How remedy component differs from recalled component:

Identify how/when recall condition was corrected in production:

Part 573 Safety Recall Report**25V655****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 of the final remedy on May 15, 2026. The owner notification will be conducted in a phased mailing beginning on May 20, 2026. All affected owners are expected to be notified by first-class mail no later than June 3, 2026.

Planned Dealer Notification Date: May 15, 2026

No Dealers

Planned Interim Owner Notification Date: Oct 24, 2025

No Owners

Planned Remedy Owner Notification Date: May 20, 2026 - Jun 03, 2026

Phased Recall

Date when VIN will be searchable: Oct 04, 2025