



Nissan North America, Inc.

One Nissan Way
Franklin, TN 37067

Mailing Address:
PO Box 685001
Franklin, TN 37068

November 18, 2025

Ms. Eileen Sullivan
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Attn: Recall Management Division (NVS-215)
Room W48-302
1200 New Jersey Avenue, SE
Washington, D.C. 20590

Dear Ms. Sullivan:

We are transmitting the enclosed amendment to the Defect Information Report for NHTSA Recall ID 25V-655 filed on September 30, 2025. This amendment updates sections 6 and 7; Chronology of Principal Events and Description of Corrective action, respectively.

Very truly,

A handwritten signature in black ink, appearing to read "Will Swindell".

Will Swindell
Manager,
Technical Compliance

Encl.

DEFECT INFORMATION REPORT

1. Manufacturer:

Nissan North America, Inc, Smyrna Plant

2. Vehicles Potentially Involved:

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.

The name, description and part number of the subject components are below:

<u>Part Name</u>	<u>Part Description</u>	<u>Part Number</u>
BAT ASSY-MAIN B	Lithium-Ion Battery Pack – 40kWh	295B9 5SB0A
BAT ASSY-MAIN B	Lithium-Ion Battery Pack – 62kWh	295B9 5SB1A
BAT ASSY-MAIN B	Lithium-Ion Battery Pack – 40kWh	295B9 6WK3B
BAT ASSY-MAIN B	Lithium-Ion Battery Pack – 62kWh	295B9 6WK4B
BAT ASSY-MAIN B	Lithium-Ion Battery Pack – 62kWh	259B9 6WK5A

The name and address of the Li-ion Battery supplier is:

Automotive Energy Supply Corporation (AESC)
500 Battery Plant Road
Smyrna, TN 37167

Ben Wilson (Quality Director)
Phone: +1 (615) 574-1588
Email: ben.wilson@aesc-group.com

3. Total Number of Vehicles Potentially Involved:

Approximately 19,077 affected MY 2021-2022 Nissan LEAF vehicles total.

<u>Model Year / Model</u>	<u>Number of Vehicles</u>
MY 2021 Nissan LEAF	6,545
MY 2022 Nissan LEAF	12,532

Note: The population subject to Recall 24V-700 was 23,887 affected MY 2019-2020 Nissan LEAF vehicles total.

4. Percentage of Vehicles Estimated to Actually Contain the Defect:

1%

5. Description of the Defect:

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. 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.

6. Chronology of Principal Events:

The chronology related to Recall 24V-700 is incorporated by reference.

On August 04, 2025, Nissan received a report of a thermal incident involving a MY2021 LEAF which occurred while Level 3 quick charging. Nissan conducted battery testing on the battery pack, which recorded observations of excessive lithium deposits within the battery cells.

In early September 2025, Nissan confirmed one additional report of a thermal event while using a Level 3 public charging station occurred on July 1, 2025 for a MY2021 LEAF. Nissan continued its investigation in the supplier battery manufacturing process and the potential impact on MY2021-2022 LEAF vehicles.

September 23, 2025 – Based on continuing investigation results and additional reports of thermal events, Nissan decided to expand Recall 24V-700 to include MY2021-2022 LEAF vehicles. Nissan's investigation into MY2023-MY2024 LEAF vehicles is on-going at this time.

Nissan is not aware of any injuries related to the subject condition at this time.

7. Description of Corrective Action:

Dealers were notified of the recall on October 3, 2025. Nissan mailed interim notification letters to all affected owners beginning October 24, 2025. 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 by December 2025.

Nissan will notify dealers it has identified a selection of focus group vehicles to be among the first to receive the interim remedy software on November 19, 2025. Dealers will be 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 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 November 24, 2025, Nissan will call focus group vehicle owners to extend 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 as some of the subject vehicles are no longer under warranty.

8. Copy of Notices:

Copies of all notices will be provided to NHTSA as they become available.