

# Part 573 Safety Recall Report

## 23V-048

**Manufacturer Name :** Nissan North America, Inc.**Submission Date :** APR 26, 2023**NHTSA Recall No. :** 23V-048**Manufacturer Recall No. :** R22C5**Manufacturer Information :**

Manufacturer Name : Nissan North America, Inc.

Address : P. O. BOX 685001

Franklin TN 37068-5009

Company phone : 800-647-7261

**Population :**

Number of potentially involved : 64,732

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2018-2023 Nissan LEAF

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : HYBRID ELECTRIC

**Descriptive Information :** The noncompliance is specific to Nissan LEAF vehicles listed above. The issue present on these vehicles is related to the defroster operating instructions in the owner's manual and their effect on the Positive Temperature Coefficient (PTC) heater under certain conditions. The Nissan LEAF is the only model equipped with a PTC heater as the primary heating device.

Model Year 2011-2012 Nissan LEAF vehicles are equipped with a different PTC heater design that is not affected by the subject condition and therefore excluded from the recall population.

Per NHTSA's request, Model Year 2013-2017 Nissan LEAF vehicles have been removed from this recall population and are subject to a separate Noncompliance Information Report being filed in conjunction with this amendment.

Production Dates : SEP 29, 2017 - JAN 27, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential**Description of Noncompliance :**

**Description of the Noncompliance :** Following the Owner's Manual instructions for defroster operation may result in reduced defroster performance under specific conditions. More specifically, in very cold temperatures (below 140 F/-100 C), maximum fan speed can result in the Positive Temperature Coefficient ("PTC") heater entering failsafe mode for undercurrent protection, which can limit defroster output.

FMVSS 1 : 103 - Windshield defrosting and defogging systems

FMVSS 2 : NR

Description of the Safety Risk : This reduced defroster performance can limit visibility out of the windshield, which does not meet the requirements of S4.3 of Federal Motor Vehicle Safety Standard (FMVSS) No. 103; Windshield defrosting and defogging systems. The potential for loss of forward visibility may lead to the increased risk of a crash or injury to the vehicle occupants.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

### Involved Components :

Component Name 1 : Owner's Manual Kit

Component Description : MY 2018 LEAF - USA

Component Part Number : 18ZE1 UKT00

Component Name 2 : Owner's Manual Kit

Component Description : MY 2018 LEAF - USA w/ NAVI

Component Part Number : 18ZE1 UKT0N

Component Name 3 : Owner's Manual Kit

Component Description : MY 2019 LEAF - USA

Component Part Number : 19ZE1 UKT00

Component Name 4 : Owner's Manual Kit

Component Description : MY 2019 LEAF - USA w/ NAVI

Component Part Number : 19ZE1 UKT0N

Component Name 5 : Owner's Manual Kit

Component Description : MY 2020 LEAF - USA

Component Part Number : 20ZE1 UKT00

Component Name 6 : Owner's Manual Kit

Component Description : MY 2020 LEAF - USA

Component Part Number : 20ZE1 UKT10

Component Name 7 : Owner's Manual Kit

Component Description : MY 2021 LEAF - USA

Component Part Number : 21ZE1 UKT00

Component Name 8 : Owner's Manual Kit

Component Description : MY 2022 LEAF - USA

Component Part Number : 22ZE1 UKT00

Component Name 9 : Owner's Manual Kit

Component Description : MY 2023 LEAF - USA

Component Part Number : 23ZE1 UKT00

Component Name 10 : Owner's Manual Kit

Component Description : MY 2023 LEAF - USA

Component Part Number : 23ZE1 UKT10

### Supplier Identification :

#### Component Manufacturer

Name : Nissan North America

Address : NR

NR

Country : NR

### Chronology :

December 22, 2022 - Nissan received preliminary information related to the defroster operation on a MY 2023

Nissan LEAF vehicle during NHTSA compliance testing. More specifically, in the course of conducting an FMVSS 103 test procedure, the “critical area” of the windshield was not properly cleared in the allotted time.

January 12, 2023 - Nissan met with NHTSA via teleconference to share internal testing data and analysis. Nissan requested a re-test under modified instructions for testing warm-up.

January 26, 2023 - OVSC rejected Nissan’s request for re-testing.

February 1, 2023 – Nissan made a noncompliance determination for MY 2018-2023 Nissan LEAF and decided to conduct a Safety Recall. Nissan’s investigation of MY 2013-2017 vehicles was continuing.

March 2023 – Nissan and the supplier conducted additional testing of MY 2013–2017 LEAF vehicles. Nissan was unable to recreate the subject condition in these models. However, supplier historical data cannot rule out the possibility that the subject condition may occur.

March 23, 2023 – Out of an abundance of caution, Nissan decided to expand the previously decided recall population to include MY 2013–2017 Nissan LEAF vehicles.

March 30, 2023 – Nissan submitted an Amended NCIR in 20V-048 to include the MY 2013-2017 Nissan LEAF vehicles.

April 5-26, 2023 – Pursuant to NHTSA’s request, Nissan has prepared for a separate voluntary safety recall campaign for MY13-17 Nissan LEAF vehicles. Nissan is submitting an Amended NCIR for 20V-048 to remove the MY 2013-2017 vehicles, and is submitting a new Noncompliance Information Report for these vehicles.

Nissan is not aware of any accident or injuries related to the subject condition.

## Description of Remedy :

Description of Remedy Program : Nissan will provide an Owner’s Manual addendum with updated instructions on how to operate the defroster under the subject conditions. There will be no charge to customers for the addendum card.

Nissan will include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy for a subject vehicle that is no longer under warranty at the time of repair.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

## Recall Schedule :

Description of Recall Schedule : Nissan notified owners of affected Model Year 2018 to Model Year 2023 LEAF vehicles by April 1, 2023. Nissan will notify owners of affected Model Year 2013 to Model Year 2017 LEAF vehicles by May 26, 2023. Dealers were notified on February 7, 2023, and were notified of the expanded population on March 31, 2023. Nissan will notify dealers of the new separate voluntary safety recall campaign for MY 2013-2017 Nissan LEAF vehicles on April 27, 2023.

Planned Dealer Notification Date : FEB 07, 2023 - NR

Planned Owner Notification Date : APR 01, 2023 - NR

\* NR - Not Reported