

Part 573 Safety Recall Report

23V-048

Manufacturer Name : Nissan North America, Inc.

Submission Date : FEB 02, 2023

NHTSA Recall No. : 23V-048

Manufacturer Recall No. : NR



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 (as described in Section 5 below) 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 PTC heater as the primary heating device.

MY2013 –2017 Nissan LEAF vehicles remain under internal investigation.

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 NR
that can Occur :

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 UKTON

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 UKTON

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 MY18-23 Nissan LEAF and decided to conduct a Safety Recall. Nissan’s investigation of MY13-17 vehicles is continuing.

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 will notify all owners of affected vehicles by April 1, 2023. Dealers will be notified on February 7, 2023.

Planned Dealer Notification Date : FEB 07, 2023 - NR

Planned Owner Notification Date : APR 01, 2023 - NR

* NR - Not Reported