

Part 573 Safety Recall Report

23V-362

Manufacturer Name : Nissan North America, Inc.

Submission Date : MAY 22, 2023

NHTSA Recall No. : 23V-362

Manufacturer Recall No. : PC976



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 : 758

Estimated percentage with defect : 3 %

Vehicle Information :

Vehicle 1 : 2023-2023 Nissan LEAF

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : HYBRID ELECTRIC

Descriptive Information : Based on NNA-Smyrna production records, the subject right-hand brake tubes may have been used in brake assembly production for certain MY 2023 LEAF vehicles, manufactured during the specified time period outlined above. No other Nissan or INFINITI vehicles are affected.

Production Dates : DEC 07, 2022 - JAN 11, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Certain right-hand brake tubes may have been damaged due to incorrect tool clamping that occurred during a limited production run at the supplier. Over time, the damaged brake tube may become corroded which could lead to a hole in the brake line.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If this occurs, the affected vehicles may develop a brake fluid leak that could result in reduced braking performance. Reduced braking performance can potentially lead to extended stopping distance without prior warning, which could increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : In some cases, the brake light may illuminate on the combi meter.

Involved Components :

Component Name 1 : Brake Tube Assembly

Component Description : TUBE ASSY – BRAKE, RH

Component Part Number : 46240 5SA0A

Supplier Identification :**Component Manufacturer**

Name : Sanoh America, Inc

Address : 103 Thomas French Drive
Scottsboro Alabama 35769

Country : United States

Chronology :

January 13, 2023 – A Nissan technician discovered damage on a right-hand brake tube assembly system being installed on a MY 2023 Nissan LEAF. Nissan collected the part and began an investigation.

January 27, 2023 - Nissan and the supplier conducted a parts audit of 975 brake assemblies and discovered damage on twenty-five (25) right-hand brake tubes at the actuator connection bend. Additionally, Nissan conducted a yard audit of 395 vehicles and reported five (5) with a scratched or damaged right hand brake tube. These parts were quarantined and the vehicles were put on a quality hold.

February 3, 2023 - The supplier's investigation determined that incorrect tooling was used to align the brake tube into the pipe bending jig. Because the brake tube was misaligned, the tooling clamped the pipe in the incorrect position and caused scratching and in some cases deformation of the tube at the actuator bend.

February 2023 through April 2023 - Concurrently, Nissan investigated the impact of the damaged brake tube condition. As part of the assessment, Nissan performed corrosion and stress tests on two (2) of the worst case condition parts to evaluate the effect of the damaged brake tube on brake performance over time. Nissan concluded that the brake performance could be degraded and could lead to extended stopping distances possibly without prior warning.

May 15, 2023 - Nissan decided to conduct a Voluntary Safety Recall to recall all potentially affected LEAF vehicles to inspect the right-hand brake tube and replace any damaged brake tube assemblies.

Nissan is not aware of any warranty claims attributed to this condition. Nissan is also not aware of any reported accidents or injuries.

Description of Remedy :

Description of Remedy Program : Dealers will be instructed to inspect the right-hand brake tube for damage and, if necessary, replace the affected brake tube. All repairs will be performed free of charge for parts and labor and may take up to one (1) hour to complete if brake tube replacement is required.

Nissan will not include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy since the subject vehicles are under warranty.

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : Dealers will be notified beginning May 23, 2023. Owners of all potentially affected vehicles will be notified beginning July 7, 2023.

Planned Dealer Notification Date : MAY 23, 2023 - NR

Planned Owner Notification Date : JUL 07, 2023 - NR

* NR - Not Reported