



Nissan North America, Inc.

One Nissan Way
Franklin, TN 37067

Mailing Address:
PO Box 685001
Franklin, TN 37068

April 13, 2023

Ms. Anne Collins
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. Collins:

We are transmitting the enclosed Defect Information Report in accordance with 49 CFR Part 573. A voluntary recall campaign will be initiated and your office provided with the notices.

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:

Model Year 2023 Nissan Rogue, Pathfinder and INFINITI QX60 vehicles as shown in the table below:

<u>Model</u>	<u>Dates of Manufacture</u>	<u>Plant</u>
MY 2023 Nissan Rogue	September 7, 2022 to October 21, 2022	Smyrna
MY 2023 Nissan Pathfinder	September 6, 2022 to November 8, 2022	Smyrna
MY 2023 INFINITI QX60	August 29, 2022 to October 31, 2022	Smyrna

Based on the Tier 1 (Adient) supplier records, the subject seat rails may have been used to produce a limited number of driver's powered seats for certain MY 2023 Rogue, Pathfinder, and QX60 vehicles, manufactured during the specified time period outlined above. No 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>
Driver's Powered Seat Cushion Frame- Rogue	FRAME ASSY - CUSHION, FRONT SEAT LH	87351 6RD0A
Driver's Powered Seat Cushion Frame- Rogue	FRAME ASSY - CUSHION, FRONT SEAT LH	87351 6RF0A
Driver's Powered Seat Cushion Frame - Pathfinder	FRAME ASSY - CUSHION, FRONT SEAT LH	87351 6TA1A
Driver's Powered Seat Cushion Frame - QX60	FRAME ASSY - CUSHION, FRONT SEAT LH	87351 6TA0A

The driver's seat rail supplier (Tier 3) for the affected vehicles:

Forvia SLP Mechanism

Supplier Code: 350815

Address: Av. Central No. 200 Interior 365 Parque Logistico, 78395 San Luis, Mexico.

Jorge Nunez, Manager of Quality

+52 (444) 265 - 00618

Jorgeantonio.nunez@forvia.com

3. Total Number of Vehicles Potentially Involved:

Approximately 12,400 MY 2023 Nissan Rogue, Pathfinder and INFINITI QX60 vehicles total.

<u>Model</u>	<u>Volume of Production</u>
MY 2023 Nissan Rogue	6,911
MY 2023 Nissan Pathfinder	3,961
MY 2023 INFINITI QX60	1,528

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

Approximately 0.1%. 1% is used here because submission within NHTSA's safety portal will not allow a value less than 1%.

5. Description of the Defect:

The driver's powered seat may not be fully secured to the seat frame on certain Nissan Rogue, Pathfinder, and INFINITI QX60 vehicles. As a result of this issue, the seat frame welds may detach from the rear inboard seat bracket. If this condition occurs, it may increase the risk of injury to the occupant in the event of a crash. In addition, the seat frame assembly may not meet certain FMVSS 207 and FMVSS 210 requirements because of this condition.

6. Chronology of Principal Events:

December 29, 2022 – Nissan received a report related to a MY 2023 Nissan Rogue vehicle that alleged excess movement or play in the driver's seat. Nissan collected the suspect part and began an investigation.

January 2023 to February 2023 – A broken weld condition was found on the driver's seat frame between the rear inboard bracket and inboard seat rail. Nissan and the supplier conducted a parts audit of 22,726 driver's seat rails and zero were reported with a poor weld quality concern. Further investigation identified that the broken weld was related to a sub-supplier quality process issue.

March 2023 – Review of the sub-supplier records determined three (3) rails that had a rejected weld condition may not have been contained. Concurrently, Nissan investigated the impact of the weld condition of the rear inboard seat rail bracket. As part of the assessment, Nissan performed a sled pull test on the worst case weld condition to evaluate driver's seat performance in various

scenarios. Nissan concluded that the driver's seat showed performance degradation and may not meet certain regulatory requirements.

April 6, 2023 - Nissan decided to conduct a Voluntary Safety Recall to recall all potentially affected vehicles to inspect the seat rails and replace any affected seat cushion frame assemblies.

Nissan is not aware of any other warranty claims attributed to this condition.

7. Description of Corrective Action:

Dealers will be notified beginning April 14, 2023. Owners of all potentially affected vehicles will be notified beginning June 10, 2023. Dealers will be instructed to check the driver's seat rail clearance to the inboard seat bracket, and if necessary, the dealer will remove and replace the affected driver's seat cushion frame. All repairs will be performed free of charge for parts and labor and may take less than two (2) hours to complete.

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.

8. Copy of Notices:

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