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**Nissan North America, Inc.**

One Nissan Way  
Franklin, TN 37067

Mailing Address:  
PO Box 685001  
Franklin, TN 37068

February 27, 2024

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 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  
Nissan North America, Inc., Canton Plant  
Nissan Mexicana, S.A. de C.V. Aguascalientes Plant I  
Nissan Mexicana, S.A. de C.V. Aguascalientes Plant II  
Cooperation Manufacturing Plant Aguascalientes (COMPAS)

2. Vehicles Potentially Involved:

The production period of affected vehicles involved is shown in the table below.

<b><u>Model</u></b>	<b><u>Dates of Manufacture</u></b>	<b><u>Manufacturing Plant</u></b>
MY 2024 Nissan Titan	October 13, 2023 to October 13, 2023	Canton
MY 2023 -2024 Nissan Sentra	July 17, 2023 to October 13, 2023	Aguas II
MY 2024 Nissan Frontier	October 11, 2023 to October 11, 2023	Canton
MY 2023 – 2024 INFINITI QX50	July 19, 2023 to August 24, 2023	COMPAS
MY 2024 INFINITI QX60	August 11, 2023 to September 27, 2023	Smyrna
MY 2023 – 2024 Nissan Versa	July 19, 2023 to October 1, 2023	Aguas I
MY 2023 – 2024 Nissan Kicks	July 19, 2023 to October 3, 2023	Aguas I
My 2024 Nissan Pathfinder	August 2, 2023 to September 18, 2023	Smyrna
MY 2023 Nissan Rogue	July 28, 2023 to October 19, 2023	Smyrna

This issue (as described in Section 5 below) is specific to the inflators on certain driver's airbag assemblies identified by the supplier (Daicel). Suspect airbag assemblies have one-to-one traceability records linking the affected airbag serial numbers to vehicles produced within the specified production periods for the models listed above. No other Nissan or INFINITI vehicles are affected.

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

<b><u>Part Name</u></b>	<b><u>Part Description</u></b>	<b><u>Part Number</u></b>
Module Assy – Airbag, Driver	Nissan Titan Driver's Airbag Assy	98510-9FV1A
Module Assy – Airbag, Driver	Nissan Sentra Driver's Airbag Assy	98510-6LY1A
Module Assy – Airbag, Driver	Nissan Frontier Driver's Airbag Assy	98510-9BV6A
Module Assy – Airbag, Driver	INFINITI QX50 Driver's Airbag Assy	98510-5VG0A
Module Assy – Airbag, Driver	INFINITI QX60 Driver's Airbag Assy	98510-6SA0B
Module Assy – Airbag, Driver	Nissan Versa Driver's Airbag Assy	98510-6EM2A
Module Assy – Airbag, Driver	Nissan Kicks Driver's Airbag Assy	98510-9VC0A
Module Assy – Airbag, Driver	Nissan Pathfinder Driver's Airbag Assy	98510-6TA2A
Module Assy – Airbag, Driver	Nissan Rogue Driver's Airbag Assy	98510-6RL0B

The name and address of the driver's airbag supplier is:

Daicel Safety Systems Americas, Inc.  
4558 E. Virginia Street  
Mesa, AZ 85215

Karl Einstein  
Quality Director  
Karl.einstein@dssa.daicel.com  
Direct: +1 (480) 335-8862

3. Total Number of Vehicles Potentially Involved:

Approximately 351 vehicles may be affected as shown in the table below:

<b>Model Year / Model</b>	<b>Number of Vehicles</b>
MY 2024 Nissan Titan	1
MY 2023 -2024 Nissan Sentra	43
MY 2024 Nissan Frontier	1
MY 2023 - 2024 INFINITI QX50	7
MY 2024 INFINITI QX60	22
MY 2023 - 2024 Nissan Versa	19
MY 2023 - 2024 Nissan Kicks	23
My 2024 Nissan Pathfinder	50
MY 2023 Nissan Rogue	185

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

100%

5. Description of the Defect:

In the affected vehicles, the driver airbag inflator may have been misassembled with gaskets missing, which could allow moisture to enter the inflator and build up over time. Moisture exposure over a significant period of time can have an adverse effect to the propellant and result in a change in pressure of the inflator, which may impact the airbag deployment performance. If this occurs, the driver is at risk for injury.

6. Chronology of Principal Events:

October 18, 2023 - During routine maintenance at the supplier, a technician reported a misaligned gasket on a driver's airbag inflator. The supplier initiated an investigation.

October 27, 2023 – The supplier, along with Nissan, conducted a part sort and identified twenty-one (21) suspect parts. Additionally, Nissan coordinated a yard audit across multiple plants and identified an additional twenty-six (26) suspect parts that were installed in vehicles. All vehicles containing suspect parts were repaired.

November 2023 through January 2024 – Nissan and the supplier investigated the potential effect of a missing gasket on the performance of the air bag inflator. Multiple tests were conducted, including humidity cycle testing and durability testing to evaluate inflator performance without the gasket.

Concurrently, Nissan worked with the supplier to identify the root cause of the misaligned gasket. The supplier determined the gasket installation process was not properly controlled, which could potentially cause one or both gaskets to become misaligned. The supplier reviewed production records and determined that three hundred and fifty-one (351) suspect inflators may have been affected by the supplier concern.

February 8, 2024 – After testing, Nissan and the supplier determined that there was no immediate impact to inflator performance with a missing gasket, but it could allow moisture to enter the inflator and build up over time. That potential long-term exposure could have an adverse effect on the propellant and result in a change in pressure of the inflator, which may impact the airbag deployment performance.

February 20, 2024 – Out of an abundance of caution, Nissan decided to conduct a safety recall campaign to remedy the remaining affected vehicles in the U.S. market.

Nissan is not aware of any warranty claims, accidents or injuries related to the subject condition.

7. Description of Corrective Action:

Nissan or INFINITI will notify the owners of the potentially affected vehicles beginning on April 10, 2024, and urge them to bring their vehicle to a Nissan dealer or INFINITI retailer for repair. Dealers will be notified on February 29, 2024. Dealers will be instructed to replace the front driver airbag assembly with a new one. All repairs will be performed free of charge for parts and labor and should take less than one (1.0) hour 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.