

Part 573 Safety Recall Report

24V-154

Manufacturer Name : Nissan North America, Inc.**Submission Date :** FEB 27, 2024**NHTSA Recall No. :** 24V-154**Manufacturer Recall No. :** PD103, PD104, PMA34**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 : 351

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2024-2024 Nissan Titan

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : GAS

Descriptive Information : This issue 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.

Production Dates : OCT 13, 2023 - OCT 13, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2023-2024 Nissan Sentra

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : This issue 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.

Production Dates : JUL 17, 2023 - OCT 13, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2024-2024 Nissan Frontier

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : GAS

Descriptive Information : This issue 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.

Production Dates : OCT 11, 2023 - OCT 11, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2024-2024 INFINITI QX60

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : This issue 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.

Production Dates : AUG 11, 2023 - SEP 27, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2023-2024 Nissan Versa

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : This issue 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.

Production Dates : JUL 19, 2023 - OCT 01, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2023-2024 Nissan Kicks

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : GAS

Descriptive Information : This issue 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.

Production Dates : JUL 19, 2023 - OCT 03, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 7 : 2024-2024 Nissan Pathfinder

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : This issue 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.

Production Dates : AUG 02, 2023 - SEP 18, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 8 : 2023-2023 Nissan Rogue

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : This issue 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.

Production Dates : JUL 28, 2023 - OCT 19, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 9 : 2023-2024 INFINITI QX50

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : This issue 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.

Production Dates : JUL 19, 2023 - AUG 24, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

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.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : 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.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Module Assy – Airbag, Driver

Component Description : Nissan Titan Driver's Airbag Assy

Component Part Number : 98510-9FV1A

Component Name 2 : Module Assy – Airbag, Driver

Component Description : Nissan Sentra Driver's Airbag Assy

Component Part Number : 98510-6LY1A

Component Name 3 : Module Assy – Airbag, Driver

Component Description : Nissan Frontier Driver’s Airbag Assy

Component Part Number : 98510-9BV6A

Component Name 4 : Module Assy – Airbag, Driver

Component Description : INFINITI QX50 Driver’s Airbag Assy

Component Part Number : 98510-5VG0A

Component Name 5 : Module Assy – Airbag, Driver

Component Description : INFINITI QX60 Driver’s Airbag Assy

Component Part Number : 98510-6SA0B

Component Name 6 : Module Assy – Airbag, Driver

Component Description : Nissan Versa Driver’s Airbag Assy

Component Part Number : 98510-6EM2A

Component Name 7 : Module Assy – Airbag, Driver

Component Description : Nissan Kicks Driver’s Airbag Assy

Component Part Number : 98510-9VC0A

Component Name 8 : Module Assy – Airbag, Driver

Component Description : Nissan Pathfinder Driver’s Airbag Assy

Component Part Number : 98510-6TA2A

Component Name 9 : Module Assy – Airbag, Driver

Component Description : Nissan Rogue Driver’s Airbag Assy

Component Part Number : 98510-6RLOB

Supplier Identification :**Component Manufacturer**

Name : Daicel Safety Systems Americas, Inc.

Address : 4558 E. Virginia Street
Mesa Arizona 85215

Country : United States

Chronology :

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.

Description of Remedy :

Description of Remedy Program : 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.

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 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.

Planned Dealer Notification Date : FEB 29, 2024 - NR

Planned Owner Notification Date : APR 10, 2024 - NR

* NR - Not Reported