

Part 573 Safety Recall Report

21V-139

Manufacturer Name : Nissan North America, Inc.

Submission Date : JAN 27, 2022

NHTSA Recall No. : 21V-139

Manufacturer Recall No. : R20C2



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 : 26,158

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2006-2008 INFINITI FX35

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Certain Model Year 2003 INFINITI FX35 vehicles manufactured on December 21, 2002 and March 12, 2003 at the Shonan, Japan plant.

This issue is unique to a specific subset of Model Year 2006-2008 INFINITI FX35/ FX45 vehicles that received a (Daicel) front passenger-side air bag module as part of Takata air bag Recall Number 20V-008. As such, all FX35/FX45 vehicle repairs were recorded and tracked as part of the recall campaign repair procedure; therefore, no other Nissan or INFINITI vehicles are affected.

Production Dates : NOV 11, 2005 - MAR 01, 2008

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2006-2008 INFINITI FX45

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Certain Model Year 2003 INFINITI FX35 vehicles manufactured on December 21, 2002 and March 12, 2003 at the Shonan, Japan plant.

This issue is unique to a specific subset of Model Year 2006-2008 INFINITI FX35/ FX45 vehicles that received a (Daicel) front passenger-side air bag module as part of Takata air bag Recall Number 20V-008. As such, all FX35/FX45 vehicle repairs were recorded and tracked as part of the recall campaign repair procedure; therefore, no other Nissan or INFINITI vehicles are affected.

Production Dates : NOV 11, 2005 - MAR 01, 2008

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 3 : 2003-2003 INFINITI FX35

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : NR

Descriptive Information : Certain Model Year 2003 INFINITI FX35 vehicles manufactured on December 21, 2002 and March 12, 2003 at the Shonan, Japan plant.

This issue is unique to a specific subset of Model Year 2003, 2006-2008 INFINITI FX35/FX45 vehicles that received a (Daicel) front passenger-side air bag module as part of Takata air bag Recall Number 20V-008. As such, all FX35/FX45 vehicle repairs were recorded and tracked as part of the recall campaign repair procedure; therefore, no other Nissan or INFINITI vehicles are affected.

Production Dates : DEC 21, 2002 -DEC 21, 2002

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 4 : 2003-2003 INFINITI FX35

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Certain Model Year 2003 INFINITI FX35 vehicles manufactured on December 21, 2002 and March 12, 2003 at the Shonan, Japan plant.

This issue is unique to a specific subset of Model Year 2003, 2006-2008 INFINITI FX35/FX45 vehicles that received a (Daicel) front passenger-side air bag module as part of Takata air bag Recall Number 20V-008. As such, all FX35/FX45 vehicle repairs were recorded and tracked as part of the recall campaign repair procedure; therefore, no other Nissan or INFINITI vehicles are affected.

Production Dates : MAR 12, 2003 -MAR 12, 2003

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : A Tier 1 supplier's (JSS) process change reduced the air bag cushion's folding width. As a result of the narrower cushion width, the inflator gas flow path could be limited during deployment, which could increase the cushion internal pressure. During a high temperature environment test (185 degrees F), the air bag module experienced a tear in the cushion during deployment due to the increased pressure. The air bag inflator performance was unaffected.

This defect only affects certain FX35/FX45 vehicles that previously received a subject front passenger air bag assembly as a recall replacement under Recall Number 20V-008.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If this condition occurs, it may increase the risk of injury to the front passenger-side occupant in the event of a crash, where air bag deployment is warranted.

Description of the Cause : NR

Identification of Any Warning that can Occur : This is no preceding warning.

Involved Components :

Component Name 1 : MODULE ASSY-AIR BAG, ASSIST

Component Description : Passenger Air bag Module

Component Part Number : K8515 CL71A

Supplier Identification :

Component Manufacturer

Name : Joyson Safety Systems

Address : ONEST Ikebukuro East building 3F
3-12-2 Higashiikebukuro, Toyoshima-ku Tokyo Foreign States

Country : Japan

Chronology :

December 2, 2020 – The Tier 1 supplier (JSS) notified Nissan of an issue with the front passenger-side air bag module that was discovered during a high temperature environment test. Nissan began an investigation into the issue.

December 2020 through January 2021 – During the investigation, Nissan worked with the supplier to study affected parts. It was determined that the front passenger-side air bag cushion folding width was reduced during a supplier process change. Subsequently, the inflator gas flow path was limited as a result of the narrower cushion width; resulting in an internal pressure increase that caused the cushion to tear during deployment in testing.

February 2021 - Nissan confirmed the production range of vehicles affected by the supplier issue and determined that the issue only affected FX35/FX45 vehicles that received a campaign repair part as a remedy for Takata air bag Recall Number 20V-008. Nissan also studied whether replacement service parts were affected and instructed all dealers to purge any remaining service parts from inventory and return any

remaining or recovered parts to Nissan.

February 25, 2021 – Nissan decided to conduct a Safety Recall Campaign to repair the subject vehicles that received an affected module.

Nissan is not aware of any incidents or injuries related to the subject condition.

December 17, 2021 – Nissan discovered two (2) MY2003 INFINITI FX35 VINs had received airbag replacements prior to the subject service parts being purged from dealer inventory. Nissan added these two VINs to the affected vehicle population of certain FX35/FX45 vehicles that previously received a subject front passenger air bag assembly as a recall replacement under Recall Number 20V-008.

Description of Remedy :

Description of Remedy Program : Owners of all potentially affected vehicles were notified beginning on April 18, 2021 to take their vehicle to an INFINITI retailer where they will replace the front passenger air bag module with a new one. Nissan will notify the two (2) additional VINs identified in this report. Retailers were notified on March 5, 2021.

Nissan will include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy for the subject vehicles because they are no longer 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 : Owners of all potentially affected vehicles were notified beginning on April 18, 2021. Nissan will notify the two (2) additional VINs identified in this report. Retailers were notified on March 5, 2021.

Planned Dealer Notification Date : MAR 05, 2021 - NR

Planned Owner Notification Date : APR 18, 2021 - NR

* NR - Not Reported