

Part 573 Safety Recall Report

17V-449

Manufacturer Name : Nissan North America, Inc.**Submission Date :** JUL 17, 2017**NHTSA Recall No. :** 17V-449**Manufacturer Recall No. :** NR**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 : 515,394

Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2007-2011 Nissan Versa Sedan

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : The issue is unique to a specific type of Takata PSDI-5 inflator that contains calcium sulfate desiccant. No other Nissan vehicles are equipped with this specific inflator type. All other desiccated Takata inflators in Nissan vehicles contain a subsequent generation desiccant and are not subject to any recalls.

As of June 28, 2017, Takata has conducted evaluations of 895 Nissan PSDI-5 driver air bag inflators with calcium sulfate returned from the field. The Nissan field returned inflators have had zero ruptures in ballistic test deployments and one Nissan inflator exhibited an elevated internal pressure during the deployment testing.

Please see Takata Defect Information Report 17E-034 for additional information.

Production Dates : NOV 21, 2006 - JUL 02, 2011

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2007-2012 Nissan Versa Hatchback

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : GAS

Descriptive Information : The issue is unique to a specific type of Takata PSDI-5 inflator that contains calcium sulfate desiccant. No other Nissan vehicles are equipped with this specific inflator type. All other desiccated Takata inflators in Nissan vehicles contain a subsequent generation desiccant and are not subject to any recalls.

As of June 28, 2017, Takata has conducted evaluations of 895 Nissan PSDI-5 driver air bag inflators with calcium sulfate returned from the field. The Nissan field returned inflators have had zero ruptures in ballistic test deployments and one Nissan inflator

exhibited an elevated internal pressure during the deployment testing.

Please see Takata Defect Information Report 17E-034 for additional information.

Production Dates : APR 26, 2006 - DEC 18, 2012

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : According to Takata Defect Information Report 17E-034, some of the Nissan inflators analyzed within the population show a pattern of propellant density reduction over time that may predict a future risk of inflator rupture.

Based upon Takata's investigation to date, the potential for such ruptures may occur in some of the subject inflators after several years of exposure to persistent conditions of high absolute humidity.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of an inflator rupture, metal fragments could pass through the air bag cushion material, which may result in injury or death to vehicle occupants.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : TK HOLDINGS INC.

Address : 2500 Takata Drive
Auburn Hills MICHIGAN 48326

Country : United States

Chronology :

Please see Takata Defect Information Report 17E-034 for additional information.

March 2016 – In consultation with NHTSA, Nissan initiated a special parts collection activity in Florida to recover in-use driver airbag inflators that use calcium sulfate as a desiccant from specific Model Year Versa vehicles. Recovered inflators were sent to Takata for testing.

April 2016 through January 2017 – During this time period, returned Nissan inflators were subjected to live

dissections, including propellant analysis (chemical and dimensional), as well as ballistic testing. Periodic interim reports were provided to Nissan and NHTSA during this collection activity.

January 2017 - Field return data from the Nissan inflators tested to date was reviewed with Nissan and NHTSA.

March 2017 through June 2017 – Takata performed testing on inflators recovered from vehicles manufactured by another OEM to gather additional data.

Throughout this investigation process, Nissan remained in regular contact with NHTSA to maintain alignment on the evaluation process for the subject inflators.

July 7, 2017 – Takata submitted Defect Information Report 17E-034.

July 10, 2017 - Upon consultation with NHTSA and out of abundance of caution, Nissan decided to conduct a safety recall on the subject vehicles to address the potential defect identified by Takata.

Description of Remedy :

Description of Remedy Program : Parts availability is currently under study. However, the remedy will be to replace the subject inflator with a new one manufactured by a different supplier, at no cost to owners for parts or labor.

How Remedy Component Differs from Recalled Component : The remedy will be to replace the driver air bag inflator with a new one manufactured by a different supplier.

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

Recall Schedule :

Description of Recall Schedule : Nissan will issue an Interim Notification to vehicle owners by first class mail within 60 days. Dealers will be notified on July 17, 2017. Parts availability is currently under study.

Planned Dealer Notification Date : JUL 21, 2017 - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported