

# Part 573 Safety Recall Report

# 17V-253

**Manufacturer Name :** Nissan North America, Inc.**Submission Date :** SEP 01, 2017**NHTSA Recall No. :** 17V-253**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 : 30,038

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2016-2017 Nissan Sentra

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : The issue is unique to the subject vehicles that have been equipped with passenger air bags produced during a specific time period.

The actual incident rate is unknown, as this issue was found during supplier deployment testing with no field incidents to date.

Production Dates : JAN 04, 2016 - DEC 23, 2016

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 2 : 2015-2017 Nissan Leaf

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : HYBRID ELECTRIC

Descriptive Information : The issue is unique to the subject vehicles that have been equipped with Daicel passenger air bag inflators produced during a specific time period.

Production Dates : SEP 20, 2014 - DEC 13, 2016

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 3 : 2014-2014 Nissan Sentra

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : The issue is unique to the subject vehicles that have been equipped with passenger air bags produced during a specific time period.

Production Dates : SEP 21, 2014 - NOV 08, 2014

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Due to air bag inflator components manufactured by a tier 5 supplier with atypical conditions that have since been corrected, certain front passenger air bags may not perform as designed. More specifically, the coolant within these inflators may have been affected by two potential conditions. First, rust may have formed on the rod as a result of long-term storage. Second, the rod may have been formed with tooling affected by excessive wear. If both of these conditions are present, insufficient compression strength of the coolant within the inflator housing may result and may lead to an improper air bag deployment in a crash, which may increase the risk of injury to the front seat occupant.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : This condition may lead to an improper air bag deployment in a crash, which may increase the risk of injury to the front seat occupant.

Description of the Cause : NR

Identification of Any Warning  
that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : Daicel

Address : 702 Old Liberty Church Rd  
Beaver Dam KENTUCKY 42320

Country : United States

**Chronology :**

October 2016, Daicel was notified of an improper air bag deployment during a laboratory test and began an investigation into this test outcome.

November 2016 through December 2016, Nissan visited the coolant (filter) supplier to review their production processes and held several meetings with affected suppliers (Nihon Plast, Fuji and Daicel) to determine root cause of the test outcome and whether any inflator lots were affected. Additional testing was also conducted.

Nissan was not aware of any incidents that were attributable to the subject condition.

December 2016 through January 2017 – Upon review of investigation to date, Nissan requested Nihon Plast to conduct additional bench testing and assessment of the subject issue.

February 2017 – Nissan met with Nihon Plast to review their testing results and assessment of the issue.

Concurrent with this activity, Nissan performed active field monitoring to determine if there were any incidents attributable to the subject condition. None were identified.

March 2017 – Nissan’s design group reviewed the bench testing results and assessment provided by the Nihon Plast.

April 6, 2017 – Out of abundance of caution, Nissan decided conduct a recall to replace the subject inflators.

## Description of Remedy :

Description of Remedy Program : The dealer will inspect the passenger air bag inflator and replace with a new one, if necessary, at no cost to the owner.

Nissan will not include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy as 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 : Dealers will be notified of the new population on July 28, 2017. Nissan will notify all new affected owners on in mid-August to bring their vehicle into a Nissan dealer.

Planned Dealer Notification Date : JUL 28, 2017 - NR

Planned Owner Notification Date : AUG 21, 2017 - NR

\* NR - Not Reported