

Part 573 Safety Recall Report

17V-253

Manufacturer Name : Nissan North America, Inc.**Submission Date :** APR 28, 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 : 25,283

Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2014-2015 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 25, 2014 - NOV 01, 2014

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 : 2017-2017 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.

Production Dates : JAN 11, 2016 - SEP 22, 2016

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 replace the passenger air bag with a new one 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 : Nissan notified dealers on April 27, 2017 and will notify all affected owners will be notified on June 11, 2017 to bring their vehicle into a Nissan dealer.

Planned Dealer Notification Date : APR 27, 2017 - NR

Planned Owner Notification Date : JUN 11, 2017 - NR

* NR - Not Reported