

Part 573 Safety Recall Report

16V-436

Manufacturer Name : Nissan North America, Inc.**Submission Date :** JUN 13, 2016**NHTSA Recall No. :** 16V-436**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 : 4,355

Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2016-2016 Nissan LEAF

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : The issue is unique to the subject vehicles that have been equipped with subject passenger air bag (PAB) wiring harness connector cylinders produced during a specific time period.

Production Dates : FEB 24, 2016 - MAR 23, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2016-2016 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 subject passenger air bag (PAB) wiring harness connector cylinders produced during a specific time period.

Production Dates : FEB 09, 2016 - MAR 04, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Due to a Tier 5 supplier error that has since been corrected, the PAB wiring harness connector cylinder may have been manufactured out of specification. If the connector cylinder is out of specification, the wiring harness connector may not stay connected to the dual-stage PAB as designed. If this occurs, the wiring harness connector could become either fully or partially disengaged from the PAB.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the connector becomes fully disengaged, a warning lamp will illuminate but the PAB will not deploy in a crash where it is designed to deploy. If the connector becomes partially disengaged, a warning lamp may not illuminate. Further, in the event of a crash, the first stage may deploy, but the second stage may not deploy as designed. This may increase the risk of injury to the front seat occupant in a crash where the PAB is designed to deploy.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Calsonic Kansei North America

Address : One Calsonic Way

P.O. Box 350 Shelbyville TENNESSEE 37162

Country : United States

Chronology :

February 26, 2016 – During a routine quality inspection, the Tier 1 supplier (CK) discovered that the wiring harness connection to the PAB was harder to connect than normal. The supplier quarantined all air bag module assemblies at their facility and began to investigate the issue.

Late February 2016 – Nissan was notified by the Tier 1 supplier of the issue. Nissan requested a supplier audit to determine the root cause, scope and the potential consequence of the issue. Nissan also requested that the supplier study the outflow of potentially affected parts.

Early March 2016 - The audit identified a supplier machining tool setup error at the Tier 5 supplier potentially causing the PAB wiring harness connector cylinder to be manufactured out of specification. Additional quality control measures were implemented at the supplier to prevent recurrence.

March 2016 through May 2016 – The Tier 1 supplier conducted an inspection of 4,808 parts in containment and identified 6 affected parts. Nissan also conducted a plant yard audit of 1,185 vehicles and identified 3 vehicles with the subject condition.

Nissan continued to analyze the inspection data to better understand the incident mechanism and failure mode associated with this issue. In addition, Nissan continued to investigate the affected vehicle population ranges at both the Aguascalientes, Mexico and Smyrna, TN plants to determine if there was any outflow to dealers.

During this time period, Nissan also actively monitored field information and did not identify any field incidents attributable to the subject condition.

June 6, 2016 – While Nissan is not aware of any incidents attributable to this issue, out of an abundance of caution, Nissan decided to conduct a safety recall campaign.

Description of Remedy :

Description of Remedy Program : Owners of all potentially affected vehicles will be notified to take their vehicle to a Nissan dealer. The dealer will inspect for proper harness connector engagement. If there is improper engagement, the passenger side air bag module and main body harness will be replaced at no cost to the owner.

We 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 plans to notify dealers on June 13 and will notify all affected owners within 60 days of DIR submission to bring their vehicle into a Nissan dealer.

Planned Dealer Notification Date : JUN 13, 2016 - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported