

# Part 573 Safety Recall Report

# 17V-144

**Manufacturer Name :** Nissan North America, Inc.

**Submission Date :** MAR 06, 2017

**NHTSA Recall No. :** 17V-144

**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 :** 54,751

**Estimated percentage with defect :** NR

## Vehicle Information :

**Vehicle 1 :** 2012-2012 Nissan Versa Sedan

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** 4-DOOR

**Power Train :** GAS

**Descriptive Information :** No other vehicles are affected because the issue is unique to this model and dates of manufacture.

**Production Dates :** JUN 09, 2011 - APR 02, 2012

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** In the subject vehicles, dissimilar metals were used in the side air bag sensor connector harness (gold "female" connector and tin "male" connector). In some of the affected vehicles this metal combination may lead to fretting and oxidation on the pins of the Satellite Sensor-to-Airbag Control Unit (ACU) harness connection. Fretting and oxidation on the connector pins increases the likelihood of a momentary communication loss from the satellite sensor to the ACU.

The curtain and seat-mounted side air bag system is designed to enter "backup state" when signal loss occurs between the side impact satellite sensors and the ACU. This backup state allows the curtain and seat-mounted side air bag to deploy as intended even when the signal is lost. However, backup state uses only the "safing path" of the ACU algorithm for a deployment decision and has a significantly lower threshold requirement for airbag deployment compared to normal state which requires both safing and trigger path thresholds to be met. Consequently, if this momentary communication loss occurs when the door is closed with excessive force (greater than 4.2 m/s), it may cause the curtain and seat-mounted side air bag and seat belt pretensioner to deploy inadvertently.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The force required to achieve this velocity means the person aggressively closing the door is likely located outside the vehicle. However, if another occupant is still seated in the vehicle, and the vehicle ignition is in the “on” or “start” position, the inadvertent curtain and seat-mounted side air bag deployment could increase the risk of injury to that occupant.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

## Supplier Identification :

### Component Manufacturer

Name : Robert Bosch LLC

Address : 15000 Haggerty Road  
Plymouth MICHIGAN 48170

Country : United States

## Chronology :

See attached Part 573 for chronology.

## Description of Remedy :

Description of Remedy Program : Nissan dealers will install a new jumper harness kit (with Tin plated connection terminals) on the main body harness and will replace the satellite sensor with a new one (applied to both LH and RH sides).

Nissan will 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 no longer covered 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 will notify all owners of potentially affected vehicles within sixty (60) days.

Planned Dealer Notification Date : MAR 09, 2017 - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported