

Part 573 Safety Recall Report**15V-116****Manufacturer Name :** Nissan North America, Inc.**Submission Date :** MAR 18,2015**NHTSA Recall No. :** 15V-116**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Nissan North America, Inc.

Address : P. O. BOX 685001

Franklin TN 37068-5009

Company phone : (999) 999-9999

Population :

Number of potentially involved : 625,400

Estimated percentage with defect : 0

Vehicle Information :

Vehicle : 2013-2015 Nissan Altima

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Certain 2013-2015 Model Year Nissan Altima vehicles manufactured in the Smyrna, TN and Canton, MS plants from March 1, 2013 to December 31, 2014.

The subject vehicle range was determined based on the production range of vehicles manufactured after the date range subject to Recall 14V-565 and includes vehicles that could have been equipped with a latch assembly involving a previous Tier 3 supplier that was replaced in September of 2014.

Production Dates : MAR 01, 2013 - DEC 31, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : Due to a manufacturing error at the Tier 3 supplier, the e-coat plating may not have been properly applied to the hood latch assembly in some of the subject vehicles resulting in possible poor paint adhesion to the latch. As a result, the paint may flake off leaving bare metal exposed, increasing the risk of corrosion in the affected area. Over time, corrosion may create mechanical binding that could cause the secondary hood latch to remain in the open position if the hood is not properly closed.

Description of the Safety Risk : If the primary hood latch is released and the vehicle is driven with only the

secondary latch engaged, the secondary hood latch may not hold the hood closed as designed while the vehicle is in motion. If this condition occurs, the hood may open while driving and obscure the driver's vision, increasing the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Intier Automotive, Inc.

Address : 141 Staffern Drive

Concord FOREIGN STATES L4K 2R2

Country : Canada

Chronology :

January 21, 2015 – NHTSA informed Nissan of 2 customer complaints of hoods opening after countermeasure related to Recall 15V-116. Nissan immediately began an investigation to determine the scope and root cause of the issue.

January 27, 2015 – Nissan conducted failure analysis on 5 subject hood latches to determine the effectiveness of the anti-corrosion coating. The analysis tentatively showed that incorrect coating thickness may have been utilized for the anti-corrosion coating. As a result of this initial conclusion, Nissan initiated an audit of the supplier manufacturing process.

February 2015 – The supplier audit initially confirmed that the supplier anti-corrosion coating did not meet Nissan specification. This insufficient coating could result in corrosion over time, which may create a condition that could cause the secondary hood latch to remain in the open position.

February 24, 2015 - Nissan determined that a safety defect existed in the subject vehicles and submitted a Part 573 report (Recall number 15V-116).

February 25, 2015 - March 2015 - Nissan continued its analysis on the subject hood latches and supplier process to confirm the root cause and determine the appropriate remedy.

March 16, 2015 - Further analysis confirmed that the previous Tier 3 supplier did not properly apply the anti-corrosion coating, which creating a condition that could cause mechanical binding that may cause the secondary hood latch to remain in the open position under certain conditions.

Nissan changed suppliers for unrelated reasons at the end of September 2014. Comparison testing showed that the hood latch components from the new supplier possessed the correct corrosion specification.

Based on this analysis and production information, Nissan determined the root cause and the appropriate remedy and amended the Part 573 report on March 17, 2015.

Description of Remedy :

Description of Remedy Program : Nissan dealers will inspect the hood latch for proper operation, make adjustments as needed, and clean and condition the latch joint by applying lubricant. If determined necessary, the hood latch may be replaced. This repair will be offered at no charge to the customer.

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 : Owners of the potentially affected vehicles will be notified within 60 days of February 24, 2015.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported