

**Part 573 Safety Recall Report****14V-803****Manufacturer Name :** Nissan North America, Inc.**Submission Date :** DEC 16,2014**NHTSA Recall No. :** 14V-803**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 : 194

Estimated percentage with defect : 0

**Vehicle Information :**

Vehicle : 2015-2015 Nissan Armada

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Model Year 2015 Armada vehicles manufactured from September 15, 2014 through October 14, 2014 at the Canton, MS plant.

Armada vehicles manufactured after October 14 are not affected because the supplier issue described in Section 5 below has been corrected.

Approximately 190 Model Year 2015 Nissan Armada vehicles. An additional 4 vehicles may have received affected service parts and the owners will be contacted.

Production Dates : SEP 15, 2014 - OCT 14, 2014

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : The parking rod cannot complete its stroke due to interference with the transmission housing, preventing the parking pawl from engaging completely.

Description of the Safety Risk : If this condition occurs, the vehicle may not remain in park when the shifter in is the "P" position. If the transmission were to move out of the park position, the vehicle could roll and potentially cause an injury or accident.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

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

Name : Jatco Ltd.

Address : 700-1, Imaizumi, Fuji City  
Shizuoka, Japan 417-8585

Country : United States

**Chronology :**

October 7, 2014 - During an inspection activity at the Tier 1 Supplier (Jatco), it was discovered that the parking pawl may not fully engage on a subject transmission assembly. Jatco immediately initiated an investigation into the issue.

October 2014 – November 2014 – Jatco implemented a parts quality hold and 100% inspection of the transmission assembly. Jatco also notified Nissan of the issue, and Nissan implemented a plant yard hold and an inspection.

Concurrently, Jatco worked with the Tier 2 supplier to analyze their manufacturing process to determine the root cause of the issue. The supplier investigation revealed that the fixing bolt became loose after routine die maintenance was performed. This incorrect die condition caused the depth of the hole in the transmission assembly to be too shallow, resulting in interference with the parking pawl.

Jatco also performed an engineering analysis to identify the potential failure mode for this issue. Their analysis revealed that the shallow depth of the parking rod hole could result in the parking pawl not being fully engaged.

Nissan also worked with Jatco to determine the affected population.

December 9, 2014 - Nissan determined that a safety-related defect exists and that a safety recall campaign would be conducted.

**Description of Remedy :**

Description of Remedy Program : The dealer will inspect the casting date stamp on the outside of the transmission housing and if it is within the affected range, it will be replaced with a new one.

We do not plan to put 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 by December 16, 2014 and begin notifying owners within 60 days.

Planned Dealer Notification Date : DEC 16, 2014 - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported