

**Part 573 Safety Recall Report****16V-193****Manufacturer Name :** Nissan North America, Inc.**Submission Date :** APR 19, 2016**NHTSA Recall No. :** 16V-193**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 : 12,616

Estimated percentage with defect : 1

**Vehicle Information :**

Vehicle : 2016-2016 Nissan Murano

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : No other Nissan or Infiniti vehicles are affected by this issue because the affected ABS actuator is unique to this model and dates of manufacture.

Production Dates : DEC 17, 2015 - FEB 11, 2016

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2016-2016 Nissan Maxima

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : No other Nissan or Infiniti vehicles are affected by this issue because the affected ABS actuator is unique to this model and dates of manufacture.

Production Dates : NOV 25, 2015 - FEB 12, 2016

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : The subject vehicles are equipped with an Anti-Lock Braking system (ABS) and Vehicle Dynamic Control (VDC) which are controlled by the brake actuator. Some vehicles within the affected population described above were equipped with

ADVICS ABS actuators that may have been manufactured out of specification. More specifically, there is a possibility that some ABS Actuators may have been assembled with a pump containing an O-ring that was damaged in such a way that the brake fluid pressure may not be properly controlled during ABS and VDC system activation.

This condition may also affect compliance with S5.2 of FMVSS No. 126.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If this condition were to occur, it may result in degradation of ABS and VDC functions and increase a risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

#### **Supplier Identification :**

##### **Component Manufacturer**

Name : ADVICS North America, Inc.

Address : 1650 Kingsview Drive  
Lebanon OHIO 45036

Country : United States

#### **Chronology :**

Late January, 2016 – During routine inspection, an operator at the Nissan Smyrna, TN plant detected an issue with an ABS actuator when two units did not pass an end-of-line brake test. The two subject units were shipped to supplier (ADVICS) for testing and analysis. No further similarly affected units were identified by Nissan.

Early February through March, ADVICS began an investigation as to the scope, cause, and potential impact of the issue. While the investigation was ongoing, suspected parts were quarantined beginning February 11.

Concurrently, Nissan investigated internally, and monitored the field information. Nissan is not aware of any field information related to this issue. Nissan also studied how the subject condition affected regular braking performance, ABS and VDC performance.

Late March – ADVICS notified Nissan of the investigation results and provided a list of potentially affected ABS Actuator serial numbers and RAN numbers, which included units installed on vehicles outside of Nissan's control.

March 30, 2016 - Based on the latest information provided by ADVICS, Nissan decided to conduct a safety recall.

#### **Description of Remedy :**

Description of Remedy Program : Nissan will notify all owners of potentially affected vehicles within 60 days.

The dealer will inspect the serial number of the ABS actuator, and if it is within the affected range, the dealer will replace the ABS actuator with a new ABS actuator 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 : NR

Planned Dealer Notification Date : APR 07, 2016 - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported