

NISSAN

NISSAN NORTH AMERICA, INC.

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June 3, 2015

Mr. Frank S. Borris II
Acting Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Attn: Recall Management Division (NVS-210)
Room W48-302
1200 New Jersey Avenue, SE
Washington, D.C. 20590

Dear Mr. Borris:

We are transmitting the enclosed Defect Information Report in accordance with 49 CFR Part 573.

According to ADVICS Defect Information Report #**15E-047**, specific Anti-lock Brake System Actuators (ABS Actuators) they manufactured may contain a safety defect. Some of the potentially affected ABS Actuators are installed in certain 2015 Model Year Nissan Murano vehicles outlined in section 2 below.

Nissan plans to notify dealers on June 5, 2015 and begin owner notifications via first class mail within 60 days. Your office will be provided with the copy of the notices. 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.

Very truly,



Donald Neff
Manager,
Technical Compliance

Encl.

DEFECT INFORMATION REPORT

1. Vehicle Manufacturer:

Nissan North America, Inc., Canton Plant

Manufacturer of the subject equipment:

ADVICS North America, Inc.
1650 Kingsview Drive
Lebanon Ohio 45036

Jeremy Cox
Sr. Corporate Quality Manager
513-696-5465 (Direct Line)
513-696-5451 (Fax)
859-512-0331 (Cell)

For additional details on the equipment manufacturer, please see ADVICS Defect Information Report #**15E-047**.

2. Units Potentially Involved:

ADVICS ABS actuator part numbers: 47660 5AA0B and 47660 5AE0B*

***Note:** Part numbers 47660 5AA1B, 47660 5AE1B are for service parts that have already been removed from circulation.

Vehicles involved:

Model Year	Model	Manufacturing Range
MY 2015	Nissan Murano	December 4, 2014 to March 17, 2015

No other Nissan or Infiniti vehicles are affected by this issue because the affected ABS actuator (described in Section 5 below) is unique to this model and dates of manufacture.

3. Total Number of Units Potentially Involved:

According to ADVICS Defect Information Report #**15E-047**, 4,057 subject ABS Actuators were supplied to Nissan. Nissan plans to inspect approximately 9,614 vehicles to identify and replace the subject ABS Actuators.

4. Percentage of Vehicles Estimated to Actually Contain the Defect:

Unknown

5. Description of the Defect:

Please see ADVICS Defect Information Report #**15E-047**.

The subject vehicles are equipped with the subject ABS actuator. During a specific production period, various levels of contamination were found to be present within some solenoid valves that are installed into the subject ABS actuator units. According to ADVICS, this contamination could cause the solenoid to a) not completely close; or b) fully open.

If this condition occurs in a situation where the ABS system is designed to activate, it could affect the vehicle dynamic control and increase a risk of a crash.

6. Chronology of Principal Events:

March 11, 2015 through March 17, 2015 – Nissan received notification from ADVICS about a report of abnormal brake feeling they experienced on another manufacturer's prototype vehicle. The ABS actuator used on this vehicle is similar to the one used in certain Nissan vehicles.

As a precautionary measure, the ABS actuator parts manufactured during a time period defined by the supplier were removed from plant inventory during the investigation.

March 2015 through May 2015 - Nissan began an internal investigation into the issue. Specifically, Nissan conducted experimental testing to simulate the subject condition and analyzed parts removed from inventory. Nissan also conducted bench testing to analyze the effect of the subject condition on the braking system.

Nissan's initial analysis of the issue was inconclusive and Nissan was not aware of any incidents associated with the subject ABS Actuators installed in the subject vehicles.

May 27, 2015 – ADVICS notified Nissan that another manufacturer determined that the subject ABS Actuators will be recalled.

May 29, 2015 – ADVICS notified Nissan that it intended to submit a Defect Information Report concerning the subject ABS actuators.

May 29, 2015 through June 1, 2015 - Based on the latest information provided by ADVICS, Nissan decided to conduct a safety recall.

7. Description of Corrective Action:

Nissan will notify all owners of potentially affected vehicles within 60 days. The dealer will inspect the date code of the ABS actuator, and if it is within the affected range, the dealer will replace the ABS actuator with a new one at no cost to the owner.

8. Copy of Notices:

Copies of all notices will be provided to NHTSA as they become available.