

NISSAN GROUP  
OF NORTH AMERICA



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**Nissan North America, Inc.**

One Nissan Way  
Franklin, TN 37067

Mailing Address:  
PO Box 685001  
Franklin, TN 37068

November 8, 2019

Mr. Jeff Giuseppe  
Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
Attn: Recall Management Division (NVS-215)  
Room W48-302  
1200 New Jersey Avenue, SE  
Washington, D.C. 20590

Dear Mr. Giuseppe:

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

Please note that this Defect Information Report includes certain vehicles that were previously subject to Recall 18V-601. Vehicles subject to 18V-601 that have not yet been remedied, or were inspected and determined to not need a repair, will be added to this new recall campaign. However, Nissan Murano Hybrid vehicles continue to be subject to Recall 18V-601 and will not be added to this recall campaign.

Very truly,

A handwritten signature in black ink, appearing to read "Derek Latta".

Derek Latta  
Manager,  
Technical Compliance

Encl.

## **DEFECT INFORMATION REPORT**

1. Vehicle Manufacturer:

Nissan North America, Inc., Canton Plant  
Nissan North America, Inc., Smyrna Plant

Manufacturer of the subject equipment:

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

James Cole  
Corporate Quality Manager  
513-696-5467 (Direct Line)  
513-696-5451 (Fax)  
859-512-0338 (Cell)

Anti-Lock Brake System (ABS) actuator part numbers:

<b><u>Model Year/Make Model</u></b>	<b><u>Part Description</u></b>	<b><u>Part Number</u></b>
MY2016-2018 Nissan Maxima	ABS ACTUATOR ASSY	47660-4RB1C
MY2015-2018 Nissan Murano	ABS ACTUATOR ASSY - AWD	47660-9UD6D
MY2015-2018 Nissan Murano	ABS ACTUATOR ASSY - FWD	47660-9UD6C
MY2017-2019 Nissan Pathfinder	ABS ACTUATOR ASSY	47660-9PP1B
MY2017-2019 Nissan Pathfinder	ABS ACTUATOR ASSY	47660-9PP1D
MY2017-2019 INFINITI QX60	ABS ACTUATOR ASSY	47660-9PP1B
MY2017-2019 INFINITI QX60	ABS ACTUATOR ASSY	47660-9PP1D
Brake Fluid	Brake Fluid (DOT 3 Type 12oz)	999MP-A4100P

2. Units Potentially Involved:

Production period of affected vehicles involved:

<b><u>Model Year/Make Model</u></b>	<b><u>Dates of Manufacture</u></b>
MY2016-2018 Nissan Maxima	February 10, 2015 (SOP) through May 22, 2018 (02/10/15 to 01/05/17 were subject to 18V-601)
MY2015-2018 Nissan Murano	August 22, 2014 (SOP) through May 31, 2018 (08/22/14 to 02/24/2017 were subject to 18V-601)
MY2017-2019 Nissan Pathfinder	April 20, 2016 (SOP) through May 23, 2018
MY2017-2019 INFINITI QX60	May 18, 2016 (SOP) through May 23, 2018

The ABS actuators are unique to the makes and models manufactured during the above dates, as well as the MY2015-2016 Murano Hybrid vehicles produced during August 22, 2014 to July 19, 2016 that are subject to Recall 18V-601.

3. Total Number of Units Potentially Involved:

Approximately 394,025 vehicles are subject to this recall, as shown in the table below. This includes vehicles previously subject to Recall 18V-601 that have not yet been remedied, or were inspected and determined to not need a repair, that are now included.

<b>Model Year/Make Model</b>	<b>Number of Vehicles</b>
MY2016-2018 Nissan Maxima	82,374
MY2015-2018 Nissan Murano	115,518
MY2017-2019 Nissan Pathfinder	126,579
MY2017-2019 INFINITI QX60	69,554

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

1%<sup>1</sup>

5. Description of the Defect:

Due to manufacturing variation, the subject vehicles (equipped with ADVICS ABS actuators) may contain an oil seal with inadequate sealing performance. More specifically, die temperature variation coupled with poor tension force of the oil seal and high temperature vehicle environment, can adversely affect oil seal hardness. These conditions could cause the oil seal to wear prematurely and eventually lead to leakage of brake fluid. If this occurs, the ABS warning lamp will continuously illuminate on the instrument panel to warn the driver. However, if the warning is ignored and the vehicle continues to be operated in this condition, the brake fluid leak may potentially create an electrical short in the actuator circuit, which in rare instances, may lead to a fire.

6. Chronology of Principal Events:

Nissan will supplement this chronology of principal events.

7. Description of Corrective Action:

Owners of the subject vehicles will receive an interim notification beginning on December 2, 2019. Dealers will be notified on November 12, 2019. The interim notification will instruct owners to park their vehicle outside and contact Nissan on INFINITI Roadside Assistance to have their vehicle towed to the dealer as soon as possible if their ABS warning light is illuminated for 10 seconds or longer. If the ABS warning light is illuminated, the dealer will replace the ABS actuator with a new design part at no cost to the owner.

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<sup>1</sup> Nissan anticipates the estimated percentage of vehicles involved with defect is very low. Only three (3) warranty returned parts exhibited the subject condition out of the affected population of vehicles. 1% is used here because submission within NHTSA's safety portal will not allow a non-numeric value.

When additional remedy parts are available in summer 2020 owners will receive a second notification advising them to bring their vehicles into the dealer for repair. The dealer will replace the ABS actuator with a new design part, at no cost to the owner.

Nissan will include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy for the subject vehicles that are no longer under warranty. Your office will be provided with a copy of the Part 577 owner notification for approval.

8. Copy of Notices:

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