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**Nissan North America, Inc.**

One Nissan Way  
Franklin, TN 37067

Mailing Address:  
PO Box 685001  
Franklin, TN 37068

March 19, 2025

Ms. Eileen Sullivan  
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 Ms. Sullivan:

We are transmitting the enclosed Non-Compliance Information Report in accordance with 49 CFR Part 573. A voluntary recall campaign will be initiated, and your office provided with the notices.

Very truly,

A handwritten signature in black ink, appearing to read "Will Swindell".

Will Swindell  
Manager,  
Technical Compliance

Encl.

## **NONCOMPLIANCE INFORMATION REPORT**

1. Manufacturer:

Nissan North America, Inc., Smyrna plant

2. Vehicles Potentially Involved:

Certain Model Year 2025 INFINITI QX60, Nissan Pathfinder, and Nissan Murano vehicles manufactured from January 27, 2025, through January 30, 2025, at the Smyrna, TN plant. Based on Nissan production records, the issue (as described in Section 5 below) is specific to INFINITI QX60, Nissan Pathfinder, and Nissan Murano vehicles equipped with an affected front brake caliper assembly and produced during the specified vehicle production period. No other Nissan or INFINITI vehicles are affected.

The name, description and part number of the subject component is below:

<b><u>Part Name</u></b>	<b><u>Part Description</u></b>	<b><u>Part Number(s)</u></b>
CALIPER ASSY - FRONT RH	Front Brake Caliper Assembly - RH	41000 6TA0A
CALIPER ASSY - FRONT LH	Front Brake Caliper Assembly - LH	41001 6TA0A

The name and address of the Front Brake Caliper Assembly supplier is:

Hitachi Astemo Mexico, S.A. de C.V.  
Av. Industria Automotriz No.12  
Corredor Industrial Toluca Lerma  
52004, Lerma, Estado de Mexico

Daniel Luna Miranda (Quality Manager)  
Phone: +52 (442) 250-4312  
Email: Daniel.luna.ou@hitachiastemo.com

3. Total Number of Vehicles Potentially Involved:

Approximately 1,430 Model Year 2025 INFINITI QX60, Nissan Pathfinder, and Nissan Murano vehicles total.

<b><u>Model Year / Model</u></b>	<b><u>Number of Vehicles</u></b>
MY 2025 INFINITI QX60	302
MY 2025 Nissan Pathfinder	656
MY 2025 Nissan Murano	472

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

1.8%

5. Description of the Noncompliance:

Due to a supplier production issue that has since been corrected, one or both of the front brake caliper assemblies may have reduced strength and could break. If one or both of the front brake calipers fail, it can result in reduced braking performance and the condition may not be compliant with certain performance requirements of FMVSS 135 "Light vehicle brake systems," increasing the risk of a crash. If one or both of the front brake calipers fail, customers may notice uneven braking performance and the "Low Brake Fluid" warning light may illuminate in certain cases.

6. Basis for Determination of the Existence of a Noncompliance:

January 2025 - During a routine production brake test, a Nissan technician reported a failure of the front right hand brake caliper assembly in a Model Year 2025 Nissan Pathfinder. Nissan quarantined the part and initiated an investigation.

During the initial investigation, Nissan conducted a materials analysis of the suspect brake caliper. Nissan worked with the supplier to conduct an ultrasonic inspection of the brake calipers in plant inventory, which lead to the identification of two (2) additional suspect calipers. All suspect parts were returned to the supplier for further study.

February 2025 - The supplier's initial investigation of the returned parts and review of production records identified that the affected parts contained a common supplier production lot code (51A). Further investigation into the supplier's metal casting process for the affected lot revealed an inadvertent modification to an internal parameter setting, reducing the material's strength.

March 2025 - The supplier confirmed a total of 3,115 caliper castings were produced in the affected lot and shipped to Nissan for assembly into vehicles. Through traceability records, Nissan identified a total of 2,341 vehicles were built during this production period and may have received a potentially affected brake caliper. Of these vehicles, 711 were held for inspection. Nissan determined 200 vehicles had been previously exported and 1,430 vehicles had previously been shipped in the US.

Based on engineering judgment from both Nissan and the supplier, a failure of one front brake caliper could result in the loss of pressure in one braking circuit. If this condition

were to occur, braking performance may be degraded and stopping distances could be increased.

March 12, 2025 - Nissan decided to conduct a voluntary recall campaign to remedy the potentially affected vehicles in the U.S. market.

Nissan is not aware of any warranty claims, accident or injuries related to the subject condition.

7. Description of Corrective Action:

Dealers will be notified on March 20, 2025. Owners of all potentially affected vehicles will be notified beginning on May 09, 2025. Dealers will be instructed to inspect the front brake caliper assemblies for the affected supplier lot code and replace affected caliper assemblies. All repairs will be performed free of charge for parts and labor and may take one (1) hour to complete.

Nissan 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 still under warranty.

8. Copy of Notices:

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