



Nissan North America, Inc.

One Nissan Way
Franklin, TN 37067

Mailing Address:
PO Box 685001
Franklin, TN 37068

June 30, 2026

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 blue ink, appearing to read "D. Latta", with a long horizontal stroke extending to the right.

Derek Latta
Senior Manager,
Technical Compliance

Encl.

NONCOMPLIANCE INFORMATION REPORT

1. Manufacturer:

Nissan North America, Inc., Smyrna Plant
Nissan Motor Co. Ltd., Kyushu Plant

2. Equipment Potentially Involved:

<u>Part Number</u>	<u>Description</u>	<u>Production Dates</u>	<u>Applied Model Year / Model</u>
31020 X274D	Transaxle Assy Automatic AWD 1.5 CVT	January 6, 2026 through January 6, 2026	MY 2022 -2023 Nissan Rogue
31020 X275A	Transaxle Assy Automatic FWD 1.5 CVT	January 5, 2026 through January 6, 2026	MY2024 – 2025 Nissan Rogue
3102M X274CRE	Reman Transaxle Assy Automatic FWD 1.5 CVT	January 5, 2026 through January 5, 2026	MY 2023 – 2024 Nissan Rogue
3102M X275ARE	Reman Transaxle Assy Automatic FWD 1.5 CVT	December 17, 2025 through January 6, 2026	MY2024 – 2025 Nissan Rogue
3102M X275BRE	Reman Transaxle Assy Automatic AWD 1.5 CVT	December 17, 2025 through January 6, 2026	MY2024 – 2025 Nissan Rogue
3102M X275DRE	Reman Transaxle Assy Automatic AWD 1.5 CVT	December 17, 2025 through December 17, 2025	MY2025 – 2026 Nissan Rogue

The CVT assembly parts listed may contain the defect described in Section 5 below.

The date range was determined by using supplier traceability records. Service parts were confirmed available for repair for the applicable model. The potentially affected CVT assemblies may have been installed on vehicles as part of a warranty or collision repair.

CVT assembly parts produced before or after the dates above are not affected. Nissan confirmed that no affected parts remain in service inventory.

The name and address of the Transmission Assembly supplier is:

JATCO MEXICO S.A. de C.V.
Carretera Panamericana Km75 Col.
Los Arellano, Ags. 20340
Mexico

Karina Esquivel Hernandez (Section Manager SQA)
Email: Karina_esquivel@jatco.co.jp
Direct: +52 (777) 496-6392

3. Total Number of Parts Potentially Involved:

Approximately 42 parts are affected. A breakdown of CVT assembly type by model is shown in the table below.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
31020 X274D	Transaxle Assy Automatic AWD 1.5 CVT	1
31020 X275A	Transaxle Assy Automatic FWD 1.5 CVT	2
3102M X274CRE	Reman Transaxle Assy Automatic FWD 1.5 CVT	8
3102M X275ARE	Reman Transaxle Assy Automatic FWD 1.5 CVT	8
3102M X275BRE	Reman Transaxle Assy Automatic AWD 1.5 CVT	20
3102M X275DRE	Reman Transaxle Assy Automatic AWD 1.5 CVT	3

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

Approximately 59.0%.

5. Description of the Defect:

On affected CVT assembly units, an internal hardware failure within the control valve assembly's inhibitor switch can cause an electrical discontinuity with the Automatic Transmission Control Unit (ATCU). Consequently, if a driver selects Neutral (N), the ATCU may lose the gear signal, rendering the transmission position unknown to the Engine Control Module (ECM). When this occurs, the instrument panel may fail to display the selected gear position, and the transmission may not be able to be shifted out of Neutral. Although a check engine light and warning message will illuminate on the combination meter, this condition may not comply with the requirements of S3.1. of Federal Motor Vehicle Safety Standard (FMVSS) No. 102 "Identification of shift positions and of shift position sequence".

A loss of the required gear position display can leave the driver unaware of the actual transmission state. Operating a vehicle without visual confirmation of the selected gear

increases the risk of unintended vehicle movement or a crash. The vehicle's automatic shift-to-park logic mitigates this risk of unintended vehicle movement by automatically engaging Park (P) if the driver's door is opened or the vehicle is shut off.

6. Chronology of Principal Events:

On January 26, 2026, during a routine end-of-line vehicle quality confirmation check at Nissan's Smyrna, Tennessee assembly plant, a technician identified an issue on a model year 2026 Nissan Rogue vehicle. When shifting the transmission from Park (P) to Neutral (N), the Malfunction Indicator Lamp (MIL) illuminated, Diagnostic Trouble Code (DTC) P0705 (Transmission Range Sensor Circuit Malfunction) was stored, and a loss of drivability occurred. The technician noted that the condition was resolved after a subsequent ignition cycle. Nissan, along with the transmission supplier (JATCO), initiated an investigation.

February 2026 - The supplier conducted an initial teardown and evaluation of the suspect control valve assembly. Initial findings indicated a lack of electrical contact between Terminal Block SW#2 within the inhibitor switch of the transmission control valve assembly.

On February 20, 2026, Nissan received a field warranty report describing a similar condition. Nissan initiated a dealership investigation to evaluate the vehicle, to duplicate the concern and to collect data where DTCs P0780 and P0705 were confirmed.

During vehicle evaluation, with the engine running, shifting between Reverse (R) and Drive (D) initially showed normal transmission engagement. However, after returning the vehicle to Park (P) and attempting to re-select Neutral (N), the combination meter displayed multiple warning messages, to include: "Service CVT System Warning" and "See Owner's Manual". The MIL illuminated, and the vehicle experienced a loss of transmission engagement in all gear positions. The subject part was collected and returned to the supplier for analysis.

March 2026 - Nissan initiated a targeted warranty return parts collection. Throughout this month the supplier collected and analyzed a total of five (5) failed parts returned from the field and three (3) failed parts returned from the plant. JATCO determined that all verified failed components were manufactured from October 17, 2025 to October 18, 2025.

A review of the sub-supplier's manufacturing process for the inhibitor switch found that a locator pin may have broken on the production line on October 17, 2025. A broken locator pin in service at the riveting stage may contribute to misalignment and result in a terminal height variation within the inhibitor switch housing. This condition may contribute to the electrical continuity concern.

In response, part sorting and yard audits were initiated based on the affected date code. JATCO conducted traceability analysis to identify control valve assemblies containing suspect inhibitor switches (produced October 17-18, 2025) and link them to specific continuously variable transmissions (CVTs). The supplier part audit and Smyrna plant vehicle audit identified 76 suspect parts (42 vehicles and 3 CVTs at Nissan North America Smyrna Plant, and 31 control valve assemblies at JATCO Mexico).

At the end of March 2026, Nissan initiated testing and evaluation of suspect parts, including electrical resistance checks, teardown inspections, motor bench testing, and vehicle dynamic

testing. Technical analysis confirmed the terminal misalignment of the SW2 slider inside the inhibitor switch resulting in electrical discontinuity. The subject concern was successfully replicated during both the motor bench and dynamic vehicle testing.

April 2026 through May 2026 - Nissan conducted a horizontal confirmation audit to determine the scope of potentially affected vehicles, including export markets and other vehicle lines. The investigation confirmed that JATCO Mexico was exclusive in utilizing the affected inhibitor switch manufactured at Valeo Thailand. While the Kicks and Sentra vehicle models utilize the same transmission assembly line, production records verified that no units for those specific models were manufactured during the identified manufacturing window. During this time, the tier-3 supplier confirmed that a total of 4,020 inhibitor switches were made during the identified manufacturing window. Traceability data confirmed that the first vehicle built using a transmission made during the identified manufacturing window occurred on January 13, 2026.

Concurrently, Nissan conducted an internal safety and compliance evaluation of the subject condition. Nissan identified certain FMVSS requirements related to illumination of the gear selection that may be impacted by this condition.

June 23, 2026 - Nissan decided to conduct a voluntary non-compliance recall on vehicles that may have received an affected service part CVTs that were equipped with the subject control valve assembly in the U.S. market.

Nissan has identified forty-eight (48) technical reports and one hundred and six (106) warranty claims for this issue received between February 21, 2026 and May 14, 2026. Nissan is not aware of any reports of accidents or injuries related to this subject condition.

7. Description of Corrective Action:

Dealers will be notified on July 2, 2026. Owners of all potentially affected vehicles will be notified by first-class mail beginning on August 19, 2026. Dealers will be instructed to inspect the manufacturing date code on the transmission control valve assembly. If a suspect date code is identified, dealers will be instructed to replace the control valve assembly with a new one. All inspections and repairs will be performed free of charge for parts and labor. The inspection is estimated to take less than one (1) hour to complete, and if replacement is required, the repair may take three (3) hours 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 any related repairs to the subject vehicles are covered under warranty.

8. Copy of Notices:

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