



Nissan North America, Inc.

One Nissan Way
Franklin, TN 37067

Mailing Address:
PO Box 685001
Franklin, TN 37068

June 24, 2022

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. 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.

DEFECT INFORMATION REPORT

1. Manufacturer:

Nissan North America, Inc., Canton plant

2. Vehicles Potentially Involved:

The production period of affected vehicles involved is shown in the table below. Note, not all VINs in the production range are affected by this issue.

<u>Model</u>	<u>Dates of Manufacture</u>
MY 2020-2022 Nissan Titan	December 13, 2019 to June 10, 2022
MY 2020-2021 Nissan Frontier	June 10, 2020 to June 25, 2021
MY 2022 Nissan Frontier	July 13, 2021 to June 14, 2022

This issue (as described in Section 5 below) is specific to Nissan Titan and Frontier vehicles equipped with 9-speed transmissions. No other Nissan or INFINITI vehicles are affected.

The name, description and part number of the subject components are below:

<u>Part Name</u>	<u>Part Description</u>	<u>Part Number</u>
Automatic Transmission	CASE-AUTO TRANS	31311 X280A

The name and address of the (Tier 1) transmission supplier is:

JATCO
1974 Midway Lane
Smyrna, TN 37167

Takayasu Monzai
(248) 563-6727
Email: tmonzai@jatco-usa.com

3. Total Number of Vehicles Potentially Involved:

Approximately 180,176 vehicles may be affected as shown in the table below:

<u>Model Year / Model</u>	<u>Number of Vehicles</u>
MY 2020-2022 Nissan Titan	56,189
MY 2020-2022 Nissan Frontier	123,987

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

0.03%

5. Description of the Defect:

Due to dimensional variation during the manufacturing process, reduced clearance may cause contact between the edge of the parking pawl and the boss on the transmission case, which may result in non-engagement of the parking pawl. If this occurs, an affected vehicle may move after placing the shifter into 'Park.' If the customer does not engage the parking brake, potential for movement of the vehicle increases the risk of injury or crash.

6. Chronology of Principal Events:

In June 2021, Nissan received a field incident alleging a MY2020 Frontier vehicle began to move after being shifted into 'Park.' The dealer was unable to duplicate the concern. The transmission was collected and sent to the supplier (JATCO) for analysis. JATCO could not duplicate the customer claim and found no problem. Nissan believed this was an isolated incident based on supplier analysis and conclusion.

In Fall of 2021, Nissan received additional warranty claims related to certain Frontier and Titan vehicles, reporting potential vehicle movement after being placed into 'Park.' Nissan initiated a returned part investigation to further study the condition. During this time, Nissan also scrambled to investigate three (3) customer claims and collect incident transmissions. Nissan was unable to duplicate the condition in the field and continued to send collected parts to JATCO for further investigation. At the time, no accidents or injuries were reported.

January 2022 through February 2022 – Nissan expanded its investigation into warranty claims and any prior claims potentially related to Frontier and Titan vehicles moving while in 'Park.' On February 22, 2022, a VOQ was submitted to NHTSA alleging a MY2020 Nissan Frontier rollaway. Nissan collected the incident transmission and sent it to JATCO for testing. JATCO was unable to duplicate the incident.

March 2022 through April 2022 - Nissan continued to collect incident parts from the field and shipped the collected parts to the supplier for analysis. Nissan also initiated an additional scramble activity to secure a customer vehicle that was experiencing this transmission issue. JATCO's continued duplication testing was then able to duplicate the issue. Analysis of the incident conditions determined the potential for interference between the parking pawl and the boss of the transmission case. This contact could potentially result in intermittent non-engagement of the parking pawl.

In late April, Nissan initiated a design assessment to analyze the scope of the issue in either a two-wheel drive (2WD) or four-wheel drive (4WD) system. On April 26, 2022, NHTSA requested additional information from Nissan's investigation regarding the February 22, 2022 VOQ.

May 2022 through June 2022 – Nissan completed its design assessment and concluded that both 2WD and 4WD vehicles could potentially experience the intermittent, non-engagement of the parking pawl condition.

June 16, 2022 – Nissan decided to conduct a recall campaign due to the safety risk of a potential rollaway condition after parking the vehicle.

Nissan is aware of four (4) allegations of minor injury.

7. Description of Corrective Action:

A remedy plan for all affected vehicles is currently under development. Dealers will be notified on July 8, 2022. Nissan will mail interim notification letters to all affected owners beginning July 20, 2022, advising them to apply the parking brake whenever they park their vehicle.

When the final remedy plan is available, Nissan will mail final remedy notification letters and include a statement concerning reimbursement for the cost of obtaining a pre-notification remedy for a subject vehicle that was no longer under warranty at the time of a repair.

8. Copy of Notices:

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