



Nissan North America, Inc.

One Nissan Way
Franklin, TN 37067

Mailing Address:
PO Box 685001
Franklin, TN 37068

September 7, 2022

Ms. Anne Collins
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. Collins:

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:

Certain Nissan Titan and Frontier vehicles manufactured in the Canton, MS plant shown in the table below.

| Model | Dates of Manufacture |
|------------------------------|--------------------------------------|
| MY 2020-2023 Nissan Titan | December 13, 2019 to August 25, 2022 |
| MY 2020-2021 Nissan Frontier | June 10, 2020 to June 25, 2021 |
| MY 2022-2023 Nissan Frontier | July 13, 2021 to August 25, 2022 |

This issue (as described in Section 5 below) is specific to Nissan Titan and Frontier vehicles equipped with 9-speed transmissions and produced during the above production dates. Nissan is continuing the process of determining whether other Nissan or INFINITI vehicles may be affected.

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

| Part Name | Part Description | Part Number |
|------------------------|-------------------------|--------------------|
| 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 203,223 vehicles may be affected as shown in the table below:

| <u>Model Year / Model</u> | <u>Number of Vehicles</u> |
|----------------------------------|----------------------------------|
| MY 2020-2023 Nissan Titan | 58,767 |
| MY 2020-2021 Nissan Frontier | 52,216 |
| MY 2022-2023 Nissan Frontier | 92,240 |

The recall population above includes 180,176 Nissan Titan and Frontier vehicles that are also subject to Recall 22V-457.

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

1%. The estimated percentage of vehicles involved with defect is unknown; 1% is used here because submission within NHTSA's safety portal will not allow a non-numeric value.

5. Description of the Defect:

The investigation to date indicates that resistance between the parking rod and wedge inside of the transmission housing may inhibit movement of the wedge and parking pawl. If the parking pawl does not engage, 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:

June 24, 2022 - Nissan initiated Recall 22V-457 for MY2020-2022 Nissan Titan and Frontier vehicles manufactured from December 13, 2019 to June 14, 2022 due to potential non-engagement of the parking pawl. The defect for Recall 22V-457 was caused by contact between the edge of the parking pawl and the boss on the transmission case.

July 2022 - Nissan received a report from the Canton, MS plant that a MY2022 Nissan Frontier vehicle produced after June 14, 2022 moved after being place in the 'P' Park position. Nissan investigated the incident and collected the transmission for further study. Nissan sent the transmission to the supplier (JATCO) for investigation.

August 2022 - JATCO conducted duplication testing to recreate the condition and additional parts were sent for analysis. Nissan received Initial feedback from JATCO that this issue appeared to be different than recall 22V-457. At this stage of the investigation, the issue appeared to be related to insufficient lifting force of the parking pawl, due to friction between the parking rod and parking wedge.

In an abundance of caution, on August 24th and 29th, Nissan initiated, then expanded, a quality hold on all MY2020-2023 Titan and Frontier vehicles and MY2023 Z pending investigation. A stop shipment from the Canton, MS plant was also implemented on August 25th. Nissan conducted a plant audit and identified 11 out of 83 vehicles with the subject condition.

September 1, 2022 – Nissan decided to conduct a recall campaign due to the safety risk of a potential rollaway condition after parking the vehicle. Nissan’s investigation is ongoing, and the final recall remedy is still under development.

At this time, Nissan is not aware of any confirmed field incidents to date related to the subject condition.

7. Description of Corrective Action:

Dealer notification timing is under study. A remedy plan for all affected vehicles is currently under development. Nissan will notify all affected owners (including those that received an interim letter under Recall 22V-457) by November 1, 2022. The interim notification will include instructions advising owners 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.