



Nissan North America, Inc.

One Nissan Way
Franklin, TN 37067

Mailing Address:
PO Box 685001
Franklin, TN 37068

April 17, 2023

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:

Model Year 2023 Nissan Titan and Frontier vehicles as shown in the table below:

| <u>Model</u> | <u>Dates of Manufacture</u> | <u>Tire Type</u> |
|-------------------------|---------------------------------------|-------------------------|
| MY 2023 Nissan Titan | January 20, 2023 to February 18, 2023 | Road Tire |
| | February 1, 2023 to March 20, 2023 | Spare Tire |
| MY 2023 Nissan Frontier | January 26, 2023 to February 22, 2023 | Road Tire |
| | February 1, 2023 to April 4, 2023 | Spare Tire |

Based on Nissan production records, the issue was caused by tire mounting equipment on a specific Nissan production line. No other Nissan or Infiniti vehicles are affected by this issue because the affected tires (described in Section 5 below) are unique to these models and dates of manufacture.

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

| <u>Part Name</u> | <u>Part Description</u> | <u>Part Number</u> |
|-------------------------|--------------------------------|---------------------------|
| Tire | GENERAL GRABBER A/T | 40312 EZ40E |
| Tire | GENERAL GRABBER A/T | 40312 9FS0C |
| Tire | GENERAL GRABBER | 40312 EZ00D |
| Tire | HANKOOK A/T | 40312 9BU2A |

The tire supplier for the affected vehicles:

CONTINENTAL TIRE MT. VERNON
11525 North Illinois Hwy 142
Mount Vernon, IL 62864

Ali Hortacsu, Quality Manager
Phone: (248) 808-4809
Email: ali.hortacsu@conti-na.com

HANKOOK TIRE AMERICA CORPORATION
38777 Six Mile Road, Suite 100
Livonia, MI 48152

Kevin Jeon, Quality Contact

Phone: (734) 542-1460
Email: kevin.jeon@hankookn.com

3. Total Number of Vehicles Potentially Involved:

Approximately 4,249 MY 2023 Nissan Titan and Frontier vehicles total.

| Model | Volume of Production |
|--------------------------------------|-----------------------------|
| MY 2023 Nissan Titan – Road Tire | 122 |
| MY 2023 Nissan Titan – Spare Tire | 407 |
| MY 2023 Nissan Frontier – Road Tire | 884 |
| MY 2023 Nissan Frontier – Spare Tire | 2,836 |

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

Approximately 0.12%. 1% is used here because submission within NHTSA's safety portal will not allow a value less than 1%.

5. Description of the Defect:

The affected tires may have a tear in the inner bead which could lead to rapid depressurization or sudden air loss. A rapid loss of tire pressure while driving could impair the driver's ability to maintain control of the vehicle, potentially increasing the risk of a crash.

6. Chronology of Principal Events:

March 10, 2023 – During vehicle transportation, a transport driver reported rapid air loss on the right front tire of a Nissan Titan Pro-4X vehicle. Nissan began an investigation.

March 24, 2023 – Nissan conducted a yard audit and identified one (1) Nissan Frontier and four (4) Nissan Titan XD vehicles with flat tires. All affected tires were broken down for investigation and found to have a tear in the inner bead.

March 28, 2023 – Nissan initiated a quality hold to dealerships for 723 potentially affected MY 2023 Titan and Frontier vehicles pending investigation of a potential mounting issue.

March 30, 2023 – Nissan escalated the dealer action with instructions to replace all four (4) road tires and the spare tire for certain vehicles as its investigation continued.

Nissan's investigation found that a tire mounter boot that was recently replaced during routine maintenance on one production line was the incorrect shape. This boot's contact with the inner bead during the tire-to-wheel mounting process could potentially cause a tear in the inner bead in certain cases. Nissan reviewed production records determine the population of vehicle potentially affected.

April 10, 2023 - Nissan decided to conduct a Voluntary Safety Recall to inspect, and remedy all potentially affected vehicles.

Nissan is aware of six (6) total field claims attributed to tire air loss within this subject population. Nissan is not aware of any accidents or injuries for this subject concern.

7. Description of Corrective Action:

Dealers will be notified beginning April 17, 2023. Owners of all potentially affected vehicles will be notified beginning June 10, 2023. For vehicles affected by Campaign ID PC973, the dealer will replace all four (4) road tires. For vehicles affected by Campaign ID PC974, the dealer will inspect the spare tire assembly for a date code to determine if replacement is necessary. Note: Vehicles can be affected by just one campaign or by both campaigns. All repairs will be performed free of charge for parts and labor and may take up to two (2) hours to complete.

Nissan will include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy since the subject vehicles if any replacement was not covered under warranty.

8. Copy of Notices:

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