

Part 573 Safety Recall Report

22V-671

Manufacturer Name : Nissan North America, Inc.**Submission Date :** SEP 22, 2022**NHTSA Recall No. :** 22V-671**Manufacturer Recall No. :** R22A9 R22B1/2/3**Manufacturer Information :**

Manufacturer Name : Nissan North America, Inc.

Address : P. O. BOX 685001

Franklin TN 37068-5009

Company phone : 800-647-7261

Population :

Number of potentially involved : 197,230

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2020-2023 Nissan Titan

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : GAS

Descriptive Information : This issue is specific to Nissan Titan, Frontier and Z vehicles equipped with 9-speed transmissions and produced during the above production dates.

Production Dates : DEC 13, 2019 - AUG 24, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2021 Nissan Frontier

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : GAS

Descriptive Information : This issue is specific to Nissan Titan, Frontier and Z vehicles equipped with 9-speed transmissions and produced during the above production dates.

Production Dates : JUN 10, 2020 - JUN 25, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2022-2022 Nissan Frontier

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : GAS

Descriptive Information : This issue is specific to Nissan Titan, Frontier and Z vehicles equipped with 9-speed transmissions and produced during the above production dates.

Production Dates : JUL 13, 2021 - AUG 11, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 4 : 2023-2023 Nissan Z

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : This issue is specific to Nissan Titan, Frontier and Z vehicles equipped with 9-speed transmissions and produced during the above production dates.

Production Dates : JAN 27, 2022 - AUG 29, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

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.'

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : 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.

Description of the Cause : NR

Identification of Any Warning that can Occur : There is no preceding warning.

Involved Components :

Component Name 1 : Automatic Transmission

Component Description : CASE-AUTO TRANS

Component Part Number : 31311 X280A

Supplier Identification :

Component Manufacturer

Name : JATCO

Address : 1974 Midway Lane

Smyrna Tennessee 37167

Country : United States

Chronology :

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.

September 22, 2022 - See attached electronic .pdf for chronology entry.

Description of Remedy :

Description of Remedy Program : Based on the vehicle, dealers will perform the applicable repairs below free of charge for parts and labor:

- Model Year 2020-2022 Frontier vehicles: reprogram Transmission Control Module (TCM)
- Model Year 2020-2022 Titan vehicles: reprogram TCM and Engine Control Module (ECM)
- Model Year 2023 Titan vehicles: reprogram TCM
- Model Year 2023 Z vehicles: reprogram TCM

Nissan will not include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy for the subject vehicles because they are still under warranty.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Nissan will notify all owners of affected vehicles beginning on October 21, 2022 and concluding October 28, 2022.

Dealers will receive notification of the removal of the MY23 Frontier population and the remedy schedule for MY23 Titan and MY22 Frontier on September 22, 2022. Dealers will receive notification of the addition of MY23 Z population and remedy on September 24, 2022. Nissan is continuing to develop remedy timeline for all affected models by October 2022 and will provide dealer notification of the remedy as the updated software is ready for implementation.

Planned Dealer Notification Date : SEP 22, 2022 - NR

Planned Owner Notification Date : OCT 21, 2022 - OCT 28, 2022

* NR - Not Reported