

Part 573 Safety Recall Report

21V-471

Manufacturer Name : Nissan North America, Inc.**Submission Date :** SEP 13, 2021**NHTSA Recall No. :** 21V-471**Manufacturer Recall No. :** PM985**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 : 30,799

Estimated percentage with defect : 3 %

Vehicle Information :

Vehicle 1 : 2020-2021 Nissan Titan

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : GAS

Descriptive Information : Based on supplier records, the subject condition only affects specific lots of front turn signal bulbs installed in certain Model Year 2020-2021 Nissan Titan, Titan XD and Versa vehicles manufactured during the specified time period. This issue is specific to dual filament type bulbs with a glass base that is not used in any other Nissan or INFINITI vehicles.

Production Dates : JUL 14, 2020 - DEC 22, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2021 Nissan Versa

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Based on supplier records, the subject condition only affects specific lots of front turn signal bulbs installed in certain Model Year 2020-2021 Nissan Titan, Titan XD and Versa vehicles manufactured during the specified time period. This issue is specific to dual filament type bulbs with a glass base that is not used in any other Nissan or INFINITI vehicles.

Production Dates : JUN 11, 2020 - OCT 19, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2020-2021 Nissan Titan XD

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : GAS

Descriptive Information : Based on supplier records, the subject condition only affects specific lots of front turn signal bulbs installed in certain Model Year 2020-2021 Nissan Titan, Titan XD and Versa vehicles manufactured during the specified time period. This issue is specific to dual filament type bulbs with a glass base that is not used in any other Nissan or INFINITI vehicles.

Production Dates : JUL 14, 2020 - DEC 22, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : An issue during bulb manufacturing at the Tier 2 supplier, which has since been corrected, led to the internal lead wire distance being less than 1.9mm on certain production lots. This shorter internal lead wire distance generated a lower resistance in the base of the bulb for insertion and extraction into the headlight assembly. After an affected bulb was inserted into the headlight housing, a small micro crack may develop at the base of the bulb glass because of the pressure between the socket terminal and additional stress caused by vibration and temperature during vehicle shipping. As a result, the crack may lead to a loss of vacuum inside the bulb, which can cause it to become inoperable.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : If the front right and/or left side turn signal bulbs are inoperable, there will not be an indication to on-coming drivers or pedestrians that the vehicle will be turning, increasing the risk of a crash or injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : If the bulb is inoperable, the turn signal indicator light on the vehicle information display will have an increased flash rate and a significantly faster audible feedback to alert the customer.

Involved Components :

Component Name 1 : Bulb

Component Description : Turn Signal Bulb

Component Part Number : 260609FV0B

Component Name 2 : Bulb

Component Description : Turn Signal Bulb

Component Part Number : 260109FV0B

Component Name 3 : Bulb

Component Description : Turn Signal Bulb

Component Part Number : 260109FV1A

Component Name 4 : Bulb

Component Description : Turn Signal Bulb

Component Part Number : 260609FV1A

Component Name 5 : Bulb

Component Description : Turn Signal Bulb

Component Part Number : 260105EE0A

Component Name 6 : Bulb

Component Description : Turn Signal Bulb

Component Part Number : 260605EE0A

Supplier Identification :

Component Manufacturer

Name : Valeo Sylvania 1160000

Address : 1231 "A" Avenue North
Seymour Indiana 47274

Country : United States

Chronology :

During the period from July 2020 to October 2020, Nissan noticed an increase in turn signal bulb warranty

claims for Versa and Titan models. Nissan opened investigations with the lamp suppliers to study the rate increase. The majority of these claims indicated that the front right and/or left turn signal bulb was not operating.

October 2020 through December 2020 – The lamp suppliers worked with the bulb supplier to investigate the issue. The investigation found that the inoperative bulb was caused by a micro crack in the base of the bulb and identified insufficient contact surface between the lead wire and bulb glass. The affected bulb production LOT was identified by the supplier, and a production change was implemented to increase the internal lead wire length, thereby increasing the resistance at the base of the bulb. Nissan issued a dealer action to collect suspect parts for analysis and continued to monitor warranty claims.

January 2021 through March 2021 – Nissan continued to see an increase in suspect parts collected from the dealer action that included bulbs from LOT codes not initially identified by the bulb supplier. As a result, Nissan continued to investigate the bulb failure.

April 2021 through May 2021 – Additional testing and Fault Tree Analysis (FTA) confirmed that the insufficient lead wire length caused the bulb failures. Nissan requested all additional suspect LOT codes with a lead wire length less than 1.9 mm from the bulb supplier.

Based on the new LOT code information provided by the bulb supplier, Nissan reviewed vehicle production records to determine whether additional Versa and Titan vehicles were potentially affected.

June 23, 2021 – Nissan decided to conduct a recall campaign to remedy this issue because a noncompliance could not be ruled out in the potentially affected vehicles.

Nissan is not aware of any accidents or alleged injuries relating to the subject condition.

Description of Remedy :

Description of Remedy Program : Dealers will inspect the LOT code of both the front left and right hand turn signal bulbs. If the bulb(s) are from the affected lots, the bulb(s) will be replaced with a new one.

We will not include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy as the subject vehicles are 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 notified all owners of potentially affected vehicles beginning August 20, 2021. Dealers were notified on June 24, 2021.

Planned Dealer Notification Date : JUN 24, 2021 - NR

Planned Owner Notification Date : AUG 20, 2021 - NR

* NR - Not Reported