



Nissan North America, Inc.

One Nissan Way
Franklin, TN 37067

Mailing Address:
PO Box 685001
Franklin, TN 37068

September 13, 2021

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 supplement to the Noncompliance Information Report filed on June 23, 2021. This supplement updates section(s) 6 and 7: Basis for Determination of the Existence of a Noncompliance and Description of Corrective Action, respectively.

Very truly,

A handwritten signature in black ink, appearing to read "Derek Latta".

Derek Latta
Manager,
Technical Compliance

Encl.

NONCOMPLIANCE INFORMATION REPORT

1. Manufacturer:

Nissan North America Inc., Canton, MS plant
Nissan Mexicana, S.A. de C.V. Aguascalientes plant

2. Vehicles Potentially Involved:

Certain Nissan vehicles shown in the table below:

Model Year/Model	Dates of Manufacture	Manufacturing Plant
MY 2020-2021 Nissan Titan / Titan XD	July 14, 2020 to December 22, 2020	Canton, MS
MY 2020-2021 Nissan Versa	June 11, 2020 to October 19, 2020	Aguascalientes, Mexico

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.

Part Number(s)	Description	Applicable Model
260609FV0B	LED HEADLAMP ASSY - LH	Nissan Titan
260109FV0B	LED HEADLAMP ASSY - RH	Nissan Titan
260609FV1A	HEADLAMP ASSY - LH	Nissan Titan
260109FV1A	HEADLAMP ASSY - RH	Nissan Titan
260105EE0A	HEADLAMP ASSY - RH	Nissan Versa
260605EE0A	HEADLAMP ASSY - LH	Nissan Versa

Affected Nissan Titan / Titan XD LOT Codes					
X98L	X992	X993	X994	X995	X996
X997	X99P	X99Q	X99R	X99S	X99T
X9Y5	X9ZR	X9ZS	X016	X018	X01N
X01Q	X021	X023	X024		

Affected Nissan Versa LOT Codes				
X9ZR	X01M	X01N	X9ZQ	X998

The head lamp assembly supplier for Titan/Titan XD vehicles:

Valeo Sylvania 1160000
1231 "A" Avenue North Seymour, IN 47274

Christopher McMullin, APU Quality Leader
Desk: +1 812 524 5778 Cell: +1 765 618 7492
Email: christopher.mcmullin@valeo.com

The head lamp assembly supplier for Versa vehicles:

Hella Automotive México S.A. De C.V
Calle Cumbres de Acultzingo 202, Hab los Pirules,
54040 Tlalnepantla de Baz, Méx., Mexico
Telephone: 55 5321 1380

3. Total Number of Vehicles Potentially Involved:

Approximately 30,799 vehicles total.

<u>Model</u>	<u>Volume of Production</u>
MY 2020-2021 Nissan Titan / Titan XD	14,719
MY 2020-2021 Nissan Versa	16,080

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

3.2%

5. 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.

In this condition, the front right and/or left side turn signal bulbs do not conform to requirements defined in S7.1.1 *Front turn signal lamps* of FMVSS No. 108; Lamps, reflective devices, and associated equipment. 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.

6. Basis for Determination of the Existence of a Noncompliance

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.

7. Description of Corrective Action:

Nissan notified all owners of potentially affected vehicles on August 20, 2021. Dealers were notified on June 24, 2021. 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.

8. Copy of Notices:

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