



Nissan North America, Inc.

One Nissan Way
Franklin, TN 37067

Mailing Address:
PO Box 685001
Franklin, TN 37068

April 13, 2022

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 Non-Compliance 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.

NONCOMPLIANCE INFORMATION REPORT

1. Manufacturer:

Nissan Mexicana, S.A. de C.V. Aguascalientes plant

2. Vehicles Potentially Involved:

Certain Model Year 2020 Nissan Sentra vehicles manufactured in the Aguascalientes, Mexico plant from November 26, 2019 (Start of Production) to March 24, 2020.

Based on production records, the head lamp aiming issue only affects the right-hand head lamp on Model Year 2020 Nissan Sentra vehicles equipped with LED (Light-Emitting Diode) head lamps. The left-hand side LED head lamp meets FMVSS 108 requirements.

The subject right-hand LED headlamps are specific to Sentra vehicles produced at the Aguascalientes plant and this issue affects no other Nissan or Infiniti vehicles.

<u>Part Number</u>	<u>Description</u>	<u>Applicable Model</u>
26010-6LB5A	RH Head Lamp	2020 Nissan Sentra

The LED head lamp manufacturer is:

ICHIKOH INDUSTRIES, LTD.
80 Itado, Isehara-shi, Kanagawa-ken 259-1192

Mr. Shozo Kawate
Quality Assurance Vice President
shozo.kawate@valeo.com
+81-(0)463-96-1451

The country of origin of the LED head lamp manufacturer is:
Japan

3. Total Number of Vehicles Potentially Involved:

Approximately 5,520 Model Year 2020 Nissan Sentra vehicles

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

100%

5. Description of the Noncompliance:

In affected lamps, the supplier did not apply the correct aiming logic when setting the head lamp aim parameters. As a result, the right-hand LED headlamp aim may be misaligned resulting in a vertical gradient value below 0.13. In this condition, the aiming performance does not meet the minimum specification defined in S10.18.9.1.2 of FMVSS No. 108; Lamps, reflective devices, and associated equipment. Headlamps that are not aimed properly can result in insufficient illumination of the road while driving, which may increase the risk of a crash while driving at night.

6. Basis for Determination of the Existence of a Noncompliance

In March 2020, during a Federal Motor Vehicle Safety Standard (FMVSS) audit at the supplier, an issue with the right-hand LED head lamp was discovered.

May 2020 - The supplier notified Nissan of the potential non-compliance and began an investigation into the issue to determine root cause.

June 2020 through July 2020 - During the manufacturing process review, the supplier discovered that the correct aiming logic was not applied when setting the right-hand LED head lamp aim parameters. Additionally, an audit of the supplier's documentation revealed that the control plan review only occurred every six (6) months, allowing the incorrect specification to go undetected.

August 2020 - The supplier reviewed its production records to determine whether the subject LED head lamp assemblies could have been supplied to Nissan. Upon confirming that this was indeed the case, Nissan reviewed its records and determined that certain Nissan Sentra may contain the subject LED head lamp.

August 19, 2020 - Upon confirming that the aiming issue affected compliance with FMVSS No. 108, Nissan made a noncompliance determination.

August 26, 2020 through September 18, 2020 - The supplier shared information and requested consideration of a potential for filing a Petition of Decision of Inconsequential Noncompliance.

September 18, 2020 - Based on the above, Nissan decided to file a Petition of Decision of Inconsequential Noncompliance for relief from notification and remedy requirements under the Motor Vehicle Safety Act on behalf of the supplier in light of the new evidence provided.

April 6, 2022 - NHTSA denied Nissan's petition.

April 12, 2022 - Nissan made a noncompliance decision to recall the Sentra vehicles and replace the subject right-hand LED headlamps.

7. Description of Corrective Action:

Nissan will notify all owners of potentially affected vehicles on June 3, 2022. Dealers will be notified on April 14, 2022. Dealers will replace the right-hand LED headlamp to remedy this condition.

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.