

Part 573 Safety Recall Report

22V-244

Manufacturer Name : Nissan North America, Inc.**Submission Date :** APR 13, 2022**NHTSA Recall No. :** 22V-244**Manufacturer Recall No. :** R20B4**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 : 5,520

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Nissan Sentra

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 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.

Production Dates : NOV 26, 2019 - MAR 24, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

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.

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

FMVSS 2 : NR

Description of the Safety Risk : 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.

Description of the Cause : NR

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

Involved Components :

Component Name 1 : Right-hand head lamp

Component Description : RH Head Lamp

Component Part Number : 26010-6LB5A

Supplier Identification :

Component Manufacturer

Name : ICHIKOH INDUSTRIES., LTD.

Address : 80 Itado, Isehara-shi,
Kanagawa-ken Foreign States 259-1192

Country : Japan

Chronology :

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.

Description of Remedy :

Description of Remedy Program : 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.

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 potentially affected vehicles on June 3, 2022. Dealers will be notified on April 14, 2022.

Planned Dealer Notification Date : APR 14, 2022 - NR

Planned Owner Notification Date : JUN 03, 2022 - NR

* NR - Not Reported