

Part 573 Safety Recall Report

24V-498

Manufacturer Name : Nissan North America, Inc.

Submission Date : JUL 01, 2024

NHTSA Recall No. : 24V-498

Manufacturer Recall No. : PMA38



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 : 1,608

Estimated percentage with defect : 2 %

Vehicle Information :

Vehicle 1 : 2024-2024 Nissan Sentra

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Based on supplier production records, the issue is specific to Nissan Sentra vehicles equipped with an affected windshield assembly and produced during the specified vehicle production period. No other Nissan or INFINITI vehicles are affected.

Production Dates : MAY 16, 2024 - MAY 24, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Due to a supplier production issue that has since been corrected, air bubbles may be present in the left side lower front portion of the front windshield. In certain Nissan Sentra vehicles, delamination of the windshield glass may occur resulting in air bubbles.

FMVSS 1 : 205 - Glazing materials

FMVSS 2 : NR

Description of the Safety Risk : When air bubbles are present in the lower driver's side windshield area, the customer may not be able to see the VIN clearly and this condition does not comply with FMVSS 205.

Description of the Cause : NR

Identification of Any Warning that can Occur : The customer may notice bubbles are present in the lower driver's side windshield area.

Involved Components :

Component Name 1 : WINDSHIELD

Component Description : Windshield – USA/CAN Market

Component Part Number : 72700 6LB0B

Supplier Identification :

Component Manufacturer

Name : VITRO

Address : Jose Ramon “Chope” Albarran 101

Industrial Esfuerzo Nacional Ecatepec de Morelos Foreign States 55320

Country : Mexico

Chronology :

On May 23, 2024, during a routine yard audit at the Nissan Aguas II plant, a technician identified air bubbles within the lower driver’s side area of the windshield assembly on a Model Year 2024 Nissan Sentra vehicle. Nissan quarantined the vehicle and initiated an investigation along with the Supplier.

May 2024 – The supplier’s initial investigation identified an internal failure of the windshield glass assembly fixture had resulted in uneven pressure distribution during the adhesion of the glass layers, allowing for air to become trapped.

As part of the investigation, Nissan and the supplier conducted duplication testing of the press failure and identified the presence of air bubbles once the affected windshield glass was exposed to high heat. In this case, air bubbles were noticed on the windshield glass after outdoor exposure to sun and high temperatures, consistent with summer weather at the Nissan Aguas II plant in Mexico.

June 2024 – The supplier conducted heat cycle testing on suspect windshield glass. The test results revealed that if air is trapped between the glass and PVB layers, bubbles may not initially be visible. However, after glass exposure to high heat for approximately 2 hours at 70 degrees Celsius (158 degrees Fahrenheit), air bubbles became visible and were able to be detected.

After the testing concluded, Nissan determined that the subject windshield condition may not comply with certain regulatory and FMVSS requirements.

June 24, 2024 - Nissan decided to conduct a voluntary recall campaign to remedy the potentially affected vehicles in the U.S. market.

Nissan is not aware of any warranty claims, accident or injuries related to the subject condition.

Description of Remedy :

Description of Remedy Program : Dealers will be instructed to inspect the windshield for air bubbles, and if detected, replace the windshield. All inspections and repairs will be performed free of charge for parts and labor and may take two and a half (2.5) hours to complete.

Nissan 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 : Dealers will be notified on July 2, 2024. Owners of all potentially affected vehicles will be notified beginning August 29, 2024.

Planned Dealer Notification Date : JUL 02, 2024 - NR

Planned Owner Notification Date : AUG 29, 2024 - NR

* NR - Not Reported