



Nissan North America, Inc.

One Nissan Way
Franklin, TN 37067

Mailing Address:
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Franklin, TN 37068

June 12, 2023

Dr. Cem Hatipoglu
Acting 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 Dr. Hatipoglu:

We are transmitting the enclosed Defect 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.

DEFECT INFORMATION REPORT

1. Manufacturer:

Nissan Mexicana, S.A, De C.V., Aguascalientes Plant 2

2. Vehicles Potentially Involved:

Model Year 2022 Nissan Sentra vehicles as shown in the table below:

<u>Model</u>	<u>Dates of Manufacture</u>
MY 2022 Nissan Sentra	September 21, 2022 to September 27, 2022

Based on the production records, the issue is unique to a small number of MY 2022 Sentra vehicles, manufactured during the specified time period outlined above. No other Nissan or INFINITI vehicles are affected.

3. Total Number of Vehicles Potentially Involved:

Approximately 230 MY 2022 Nissan Sentra vehicles total.

<u>Model</u>	<u>Volume of Production</u>
MY 2022 Nissan Sentra	230

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

100%.

5. Description of the Defect:

Affected vehicles may have a missing or improper seal in the driver side cowl area. In this condition, during periods of heavy rain, there is a possibility of water intrusion through the front left cowl area onto the driver's side floor, which can potentially lead to an increased risk of corrosion of electrical components. If corrosion develops in the main body harness to engine room harness connector, it can result in electrical short circuit and/or thermal damage to the connector.

In case of an electrical short circuit driver's may experience the following conditions: the washer motor, VDC, tail lamps, hazard lamps, reverse lamps, or airbags may be inoperative; the tail lamps may remain illuminated; Malfunction indicator light (MIL) illuminated; the engine may not start; acceleration may be

limited; or the engine may start or transmission may be shifted without applying the brake pedal. In rare cases, a fire could potentially occur. These conditions could increase risk of accident and injury.

6. Chronology of Principal Events:

On September 27, 2022, a plant technician noticed water accumulation on the front left-hand floor of a MY22 Nissan Sentra under simulated heavy rain conditions. Nissan initiated an investigation.

End of September 2022 through early October 2022 – Nissan discovered missing or improperly applied sealer in the engine room at the driver's side cowl area. A vehicle audit conducted at the plant identified 579 MY22 Sentra affected vehicles out of a total of 693 audited. These vehicles were repaired at the plant prior to shipment.

From the audit, it was found that a new technician who started working at Nissan on September 21, 2022, was responsible for the defect. Inadequate supervision and failure to review the sealer application standards resulted in incorrect application by the new technician.

October 6, 2022 – Nissan launched a dealer quality hold.

October 14, 2022 – Nissan launched a dealer quality action to inspect and, if necessary, reseal the engine room sealer application on 418 MY22 Nissan Sentra vehicles.

Late October 2022 through December 2022 – Nissan investigated the potential impact of water intrusion through the cowl seal, including into the main harness and engine room harness connector.

January 2023 to June 2023 – Nissan initiated a safety assessment of potential risks from damage to the main harness and engine room harness connector. It was determined that corrosion in the connector could lead to various electrical issues and/or a potential thermal risk. These include inoperative washer motor, VDC, tail lamps, turn lamps, hazard lamps, or reverse lamps. Additionally, the hazard telltale light may flash rapidly on the combi meter, the Airbag Warning Lamp may be illuminated, and/or the Malfunction Indicator Lamp (MIL) may illuminate. In some cases the customer may not be able to start their engine, or the customer may be able to start the engine or shift gears without application of brake pedal, the stop lamps could remain illuminated, and acceleration may be limited. In rare cases, there is the potential for a thermal incident to occur.

June 5, 2023 – Nissan decided to conduct a Voluntary Safety Recall of all potentially affected vehicles.

Nissan is not aware of any warranty claims or alleged accidents or injuries attributed to this condition.

7. Description of Corrective Action:

Dealers will be notified beginning June 14, 2023. Owners of all potentially affected vehicles will be notified beginning July 26, 2023. Dealers will reseal the driver side cowl seal and inspect the main body harness to engine room harness connector for signs of moisture or corrosion. If moisture or corrosion is detected, the main harness and engine room harness will be replaced. The repair timing is under final confirmation. All repairs will be performed free of charge for parts and labor.

Nissan will not include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy since the subject vehicles are under warranty.

8. Copy of Notices:

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