

Part 573 Safety Recall Report

22V-259

Manufacturer Name : Nissan North America, Inc.**Submission Date :** APR 14, 2022**NHTSA Recall No. :** 22V-259**Manufacturer Recall No. :** PC887**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 : 52

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2022-2022 Nissan Rogue

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Based on production records, this issue is unique to Model Year 2022 Nissan Rogue vehicles manufactured during the specified production period. No other Nissan or INFINITI vehicles are affected.

Production Dates : FEB 04, 2022 - FEB 24, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Due to an incorrect molding parameter change at the (Tier 1) supplier, the fuel tank in affected vehicles may have a thin wall area on the bottom of the tank. This condition could result in a potential fuel leak if a road debris puncture occurs, or may affect tank performance in case of a crash; increasing the risk of injury. In addition, the fuel tank may not meet certain FMVSS 301 regulations because of this condition.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the fuel leak occurs as a result of road debris puncture, it could increase the risk of injury to the vehicle occupants. The thin wall condition can also impact the tank performance in the event of a crash, potentially increasing the risk of injury to the vehicle occupants.

Description of the Cause : NR

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

Involved Components :

Component Name 1 : TANK ASSY-FUEL

Component Description : Fuel Tank Shell (2WD)

Component Part Number : 172016RFOA

Supplier Identification :**Component Manufacturer**

Name : YAPP USA Automotive Systems, Inc.

Address : 300 ABC Blvd

Gallatin Tennessee 37066

Country : United States

Chronology :

March 2, 2022 – A production operator noticed a potential anomaly on a fuel tank during the assembly process. A subsequent inspection of the tank revealed a specific area had low wall thickness. Nissan initiated containment measures and immediately began an investigation together with the Tier 1 supplier (YAPP).

March 2022 – An investigation of the production records revealed manual changes to a blow molding parameter had resulted in a low wall thickness in certain areas of the tank. The supplier implemented a production countermeasure to prevent the issue from reoccurring.

Nissan conducted an audit and determined that the supplier had shipped seventy (70) potentially affected tanks to the Smyrna plant. Upon further examination, six (6) of these fuel tanks contained the subject condition.

April 2022 - Concurrently, Nissan performed a safety assessment to determine whether the thin wall condition affected the performance of the fuel tanks. The assessment determined the condition could result in a potential fuel leak if a road debris puncture occurs, or may affect tank performance in case of a crash.

April 7, 2022 - Nissan decided to recall all potentially affected vehicles to replace the fuel tank assembly.

Description of Remedy :

Description of Remedy Program : Dealers will replace the fuel tank assembly and install a new lock ring, gasket and O-ring seal.

Nissan will not include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy for the subject vehicles because they are still 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 beginning April 19, 2022. Owners of all potentially affected vehicles will be notified beginning on May 19, 2022, to bring their vehicle to the dealer for repair.

Planned Dealer Notification Date : APR 19, 2022 - NR

Planned Owner Notification Date : MAY 19, 2022 - NR

* NR - Not Reported