

Part 573 Safety Recall Report

21V-957

Manufacturer Name : Nissan North America, Inc.

Submission Date : DEC 09, 2021

NHTSA Recall No. : 21V-957

Manufacturer Recall No. : R21B8



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 : 24,793

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2021-2021 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 2021 Nissan Rogue vehicles manufactured during the specified production period. No other Nissan or INFINITI vehicles are affected.

Production Dates : OCT 16, 2020 - MAY 21, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Due to an operator assembly error at the supplier, affected pumps may experience abnormal wear between the fuel pump brush and commutator, which may cause excessive heat and melting damage. In this condition, the fuel pump may fail.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the fuel pump fails, it may cause an engine stall while driving, increasing the risk of a crash. Alternatively, the engine may not start because of this condition.

Description of the Cause : NR

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

Involved Components :

Component Name 1 : FUEL PUMP-IN TANK

Component Description : Fuel Pump (2WD)

Component Part Number : 17040 6RE0A

Component Name 2 : FUEL PUMP-IN TANK

Component Description : Fuel Pump (4WD)

Component Part Number : 17040 6RE1A

Supplier Identification :**Component Manufacturer**

Name : TI Automotive Japan Gunma Ltd.

Address : 1-23-1 Kunisadacho, Isesaki-shi
Gunma-ken Foreign States 379-221

Country : Japan

Chronology :

March 2021 through April 2021 – Nissan learned of initial field reports that alleged fuel pump failure involving a Malfunction Indicator Lamp (MIL) “ON” and engine stall while driving. Nissan initiated an investigation into the incident and identified additional related field reports.

May 2021 through July 2021 – Nissan initiated a returned parts investigation to collect subject parts from the field and perform duplication testing to identify the scope of the issue. The supplier also conducted a field investigation and process check.

August 2021 through September 2021 – Nissan studied the failure modes of the fuel pump and identified conditions that may lead to an engine stall while driving.

October 6, 2021 through November 2021 – Nissan discussed the ongoing investigation with NHTSA and reviewed a field claims check for U.S. market that identified 87 warranty claims alleging engine stall while driving between March 2021 and October 2021. No accidents or injuries were reported.

Working with the supplier, Nissan determined that the issue was caused by an operator assembly error during production of the fuel pump. Nissan worked with the supplier to determine the root cause of the subject condition and identify the potentially affected fuel pumps and VINs.

December 2, 2021 - Nissan decided to recall all potentially affected vehicles to replace the fuel pump module.

Description of Remedy :

Description of Remedy Program : Dealers will replace the fuel pump assembly.

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 December 10, 2021. Owners of all potentially affected vehicles will be notified beginning on January 26, 2022, to bring their vehicle to the dealer for repair.

Planned Dealer Notification Date : DEC 10, 2021 - NR

Planned Owner Notification Date : JAN 26, 2022 - NR

* NR - Not Reported