U.S. Department of Transportation

National Highway Traffic Safety Administration

Part 573 Safety Recall Report 25V437

Manufacturer Name: Nissan North America, Inc.
Submission Date: Aug 26, 2025
NHTSA Recall No.: 25V437
Manufacturer Recall No.: R25A8/A9 R25B1/B2

Manufacturer Information

Manufacturer Name: Nissan North America, Inc.
Address: P. O. BOX 685001
Franklin TN, 37068-5009

Population

Total number of potentially involved: 443,899
Estimated percentage with defect: 1.2%

Vehicle Information

Vehicle 1: 2019-2022 INFINITI QX50
Product Category: Light Vehicles
Product Type:
Fuel / Propulsion: Compression Ignition Fuel
Production Dates: Oct 06, 2017 - Jan 10, 2022
Number of potentially involved: 84,536
Descriptive Information:

This issue is specific to vehicles equipped with either the 3-cylinder 1.5L (KR15DDT) or 4-cylinder 2.0L (KR20DDET) variable compression turbo (VC-Turbo) engine. Suspect engine assemblies have one-to-one traceability records linking the affected engine serial numbers to vehicles produced within the specified production periods for the models listed above. No other Nissan or INFINITI vehicles are affected.

Vehicle 2: 2019-2020 NISSAN ALTIMA
Product Category: Light Vehicles
Product Type:
Fuel / Propulsion: Compression Ignition Fuel
Production Dates: May 25, 2018 - Dec 11, 2019
Number of potentially involved: 5,685
Descriptive Information:

This issue is specific to vehicles equipped with either the 3-cylinder 1.5L (KR15DDT) or 4-cylinder 2.0L (KR20DDET) variable compression turbo (VC-Turbo) engine. Suspect engine assemblies have one-to-one traceability records linking the affected engine serial numbers to vehicles produced within the

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specified production periods for the models listed above. No other Nissan or INFINITI vehicles are affected.

Vehicle 3: 2022-2022 INFINITI QX55

Product Category: Light Vehicles

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Feb 10, 2021 - Jan 10, 2022

Number of potentially involved: 5,124

Descriptive Information:

This issue is specific to vehicles equipped with either the 3-cylinder 1.5L (KR15DDT) or 4-cylinder 2.0L (KR20DDET) variable compression turbo (VC-Turbo) engine. Suspect engine assemblies have one-to-one traceability records linking the affected engine serial numbers to vehicles produced within the specified production periods for the models listed above. No other Nissan or INFINITI vehicles are affected.

Vehicle 4: 2021-2024 NISSAN ROGUE

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Mar 12, 2021 - Aug 01, 2024

Number of potentially involved: 348,554

Descriptive Information:

This issue is specific to vehicles equipped with either the 3-cylinder 1.5L (KR15DDT) or 4-cylinder 2.0L (KR20DDET) variable compression turbo (VC-Turbo) engine. Suspect engine assemblies have one-to-one traceability records linking the affected engine serial numbers to vehicles produced within the specified production periods for the models listed above. No other Nissan or INFINITI vehicles are affected.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Nissan has identified bearing failures in certain vehicles equipped with the subject 3-cylinder 1.5L or 4-cylinder 2.0L variable compression turbo engine (VC-Turbo) engines. A potential manufacturing defect in specific engine bearings (main, A-, C-, and L-link) or supporting engine components may cause engine damage and potentially lead to engine failure.

FMVSS1:

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FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

If the engine fails while driving, it can result in a loss of motive power (LOMP), increasing the risk of a crash. In certain rare cases, a bearing failure may cause a breach in the engine block, allowing hot oil to be discharged, increasing the risk of an engine fire.

Description of the cause:

Identification of any warning that can occur:

Bearing failures are not typically instantaneous and tend to progress over time, allowing drivers to receive multiple forms of audible and visible advance warnings, including abnormal noise from the engine compartment, rough running, malfunction indicator lights (MIL), and warning messages in the instrument cluster.

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: Nissan North America

Address:

Country:

Involved Components

Component Name 1: Engine - Bare

Component Description: 1.5L VC-Turbo 3-cylinder engine - Rogue (NNA, NML)

Component Part Number: 10102 4MUAA

Component Name 2: Engine - Bare

Component Description: 1.5L VC-Turbo 3-cylinder engine - Rogue (NNA, NML)

Component Part Number: 10102 6RCAA

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Component Name 3: Engine - Bare
Component Description: 1.5L VC-Turbo 3-cylinder engine - Rogue (NNA)
Component Part Number: 10102 6RCAE

Component Name 4: Engine - Bare
Component Description: 1.5L VC-Turbo 3-cylinder engine - Rogue (NNA)
Component Part Number: 10102 6RD0A

Component Name 5: Engine - Bare
Component Description: 1.5L VC-Turbo 3-cylinder engine - Rogue (NNA)
Component Part Number: 10102 6RD1A

Component Name 6: Engine - Bare
Component Description: 1.5L VC-Turbo 3-cylinder engine - Rogue (NNA)
Component Part Number: 10102 6RZ0A

Component Name 7: Engine - Bare
Component Description: 2.0L VC-Turbo 4-cylinder engine - Altima, QX50, QX55 (NNA)
Component Part Number: 10102 5NA1A

Chronology

Chronology will be supplemented.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Inspect, Repair

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

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Dealers will inspect the engine oil pan for the presence of specific metal debris. This inspection will be performed free of charge for parts and labor and should take less than one (1.0) hour to complete.

• For customers with the 3-cylinder 1.5L VC-Turbo engine, if no debris is detected during the inspection, dealers will replace the oil pan gasket, engine oil, and reprogram the vehicle's Engine Control Module (ECM). This repair will be performed free of charge for parts and labor and should take less than half of one (0.5) hour to complete.

• For customers with the 4-cylinder 2.0L VC-Turbo engine, if no debris is detected, dealers will replace the engine oil. This repair will be performed free of charge for parts and labor and should take less than half of one (0.5) hour to complete.

• In the case where specific debris is detected and confirmed by Nissan Powertrain Call Center, dealers will be instructed to replace the engine. This repair will be performed free of charge for parts and labor and may take up to fifteen (15) hours to complete.

How remedy component differs from recalled component:

Identify how/when recall condition was corrected in production:

Reimbursement Plan

Description of reimbursement program:
Nissan will 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 no longer under warranty.

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

Recall Schedule

Description of recall schedule:

Dealers received a preliminary announcement on July 2, 2025, were notified of the recall on July 15, 2025, and were updated on remedy status on August 15, 2025. Beginning August 25, 2025, owners of all potentially affected vehicles will be mailed an interim notification letter which will include instructions to contact a Nissan/INFINITI dealer if their vehicle is experiencing unusual engine noises, rough engine performance, illumination of the malfunction indicator light (MIL), or warning messages displayed in the instrument cluster. Nissan is finalizing the remedy and preparing parts for affected vehicles and anticipates the final remedy and parts to be available in Q4 2025. This repair will be performed free of charge.

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Planned Dealer Notification Date: Jul 02, 2025 - Jul 15, 2025

Planned Interim Owner Notification Date: Aug 25, 2025

Planned Remedy Owner Notification Date:

Date when VIN will be searchable: Aug 25, 2025

- [ ] No Dealers
- [ ] No Owners
- [ ] Phased Recall