



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

## 25V437

**Manufacturer Name:** Nissan North America, Inc.

**Submission Date:** Jun 27, 2025

**NHTSA Recall No.:** 25V437

**Manufacturer Recall No.:** TBD

### Manufacturer Information

### Population

**Manufacturer Name:** Nissan North America, Inc.

**Address:** P. O. BOX 685001  
Franklin TN, 37068-5009

**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 (KR20DDT) 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:** 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 (KR20DDT) 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

# Part 573 Safety Recall Report

# 25V437

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

**Vehicle 3:** 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 (KR20DDT) 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:** 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 (KR20DDT) 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:**

# Part 573 Safety Recall Report

**25V437****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.

**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

**Component Name 3:** Engine - Bare

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

**Component Part Number:** 10102 6RCAE

# Part 573 Safety Recall Report

**25V437****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:**

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.

# Part 573 Safety Recall Report

# 25V437

- 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 will be notified on July 15, 2025. Owners of all potentially affected vehicles will be notified beginning on August 25, 2025 to bring their vehicle to a Nissan dealer or INFINITI retailer for inspection.

**Planned Dealer Notification Date:** Jul 15, 2025

☐ No Dealers

**Planned Interim Owner Notification Date:**

☐ No Owners

**Planned Remedy Owner Notification Date:** Aug 25, 2025

☐ Phased Recall

**Date when VIN will be searchable:**