

Part 573 Safety Recall Report

20V-755

Manufacturer Name : Nissan North America, Inc.**Submission Date :** DEC 07, 2020**NHTSA Recall No. :** 20V-755**Manufacturer Recall No. :** NR**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 : 2,708

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2011-2013 INFINITI M56

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : This issue only affects two-wheel-drive (2WD) models with the hybrid or VK56 powertrain. The defect is unique to these models and dates of manufacture; no other INFINITI (or Nissan) vehicles are affected.

Production Dates : OCT 15, 2009 - OCT 31, 2013

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2012-2013 INFINITI M35 Hybrid

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : This issue only affects two-wheel-drive (2WD) models with the hybrid or VK56 powertrain. The defect is unique to these models and dates of manufacture; no other INFINITI (or Nissan) vehicles are affected.

Production Dates : APR 19, 2010 - SEP 10, 2013

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2014-2014 INFINITI Q70

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : This issue only affects two-wheel-drive (2WD) models with the hybrid or VK56 powertrain. The defect is unique to these models and dates of manufacture; no other INFINITI (or Nissan) vehicles are affected.

Production Dates : NOV 25, 2013 - FEB 28, 2014

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 4 : 2014-2014 INFINITI Q70 Hybrid

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : This issue only affects two-wheel-drive (2WD) models with the hybrid or VK56 powertrain. The defect is unique to these models and dates of manufacture; no other INFINITI (or Nissan) vehicles are affected.

Production Dates : NOV 27, 2013 - FEB 21, 2014

VIN Range 1 : Begin : NR End : NR

Not sequential

Description of Defect :

Description of the Defect : On certain INFINITI vehicles, Nissan has determined the propeller shaft design lacks sufficient fatigue strength. As a result, the propeller shaft may experience reduced durability on some of the affected vehicles. In extreme cases, under severe acceleration from low speed conditions, the propeller shaft could potentially break causing a loss of propulsion while the vehicle is in motion. In the most severe case, the broken propeller shaft could also disable the parking brake.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If this condition occurs, the service brake and steering systems remain operational, allowing the customer to stop the vehicle. However, the loss of propulsion or parking brake may increase the risk of a crash or injury.

Description of the Cause : NR

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

Involved Components :

Component Name 1 : Propeller shaft

Component Description : Applied for VQ35H engine

Component Part Number : 37000-1MG0E

Component Name 2 : Propeller shaft

Component Description : Applied for VQ35H engine

Component Part Number : 37000-1MG0A

Component Name 3 : Propeller shaft

Component Description : Applied for VQ35H engine

Component Part Number : 37000-3WG0A

Component Name 4 : Propeller shaft

Component Description : Applied for VK56 engine

Component Part Number : 37000-1MC1A

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

December 2019 - NNA became aware of reports of broken propeller shafts in the Japan market involving the subject vehicles. Nissan Japan shared the current status of their investigation and NNA confirmed that it had no reports of similar conditions in the U.S.

January 2020 through September 2020 - Nissan analyzed the root cause of the issue as well as the potential conditions that could result from this specific failure of the propeller shaft.

The impact to markets outside of the US and Japan was also studied. Japan remained the only market to

experience propeller shaft failures and only two (2) were found to have occurred in that market.

September 2020 through November 2020 - Nissan studied the potential for future claims and assessed the safety risk of a potential failure.

November 30, 2020 - After consultation with NHTSA and based on the foregoing, Nissan decided to conduct a safety recall campaign to remedy affected vehicles.

Description of Remedy :

Description of Remedy Program : The retailer will replace the propeller shaft with a countermeasure one. This repair will be performed free of charge for the customer.

We will include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy as the subject vehicles are no longer 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 on December 8, 2020. Nissan will begin notifying all affected vehicle owners by first class mail beginning January 29, 2021. Your office will be provided with the final Part 577 owner notification.

Planned Dealer Notification Date : DEC 08, 2020 - NR

Planned Owner Notification Date : JAN 29, 2021 - NR

* NR - Not Reported