

Part 573 Safety Recall Report**14V-581****Manufacturer Name :** Nissan North America, Inc.**Submission Date :** SEP 19,2014**NHTSA Recall No. :** 14V-581**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Nissan North America, Inc.

Address : P. O. BOX 685001

Franklin TN 37068-5009

Company phone : (999) 999-9999

Population :

Number of potentially involved : 5,412

Estimated percentage with defect : 0

Vehicle Information :

Vehicle : 2014-2014 Infiniti Q50 Hybrid

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Certain 2014 Model Year Infiniti Q50 and Q70 Hybrid vehicles.

Descriptive Information : No other Infiniti (or Nissan) vehicles are affected by this issue because the affected hybrid system software programming is unique to these models and dates of manufacture.

Production Dates : DEC 10, 2012 - JUN 25, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2014-2014 Infiniti Q70 Hybrid

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Certain 2014 Model Year Infiniti Q50 and Q70 Hybrid vehicles.

Descriptive Information : No other Infiniti (or Nissan) vehicles are affected by this issue because the affected hybrid system software programming (described in Section 5 below) is unique to these models and dates of manufacture.

Production Dates : NOV 07, 2013 - MAY 07, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : The subject Q50 and Q70 hybrid vehicles are capable of being driven using only the electric motor for a limited amount of time ("EV mode"). On some of the affected vehicles, while the vehicle is in the EV mode, an error in the communication between the motor inverter and Transmission Control Module (TCM) may illuminate the warning lamp and may cause the electric motor to stop running.

Description of the Safety Risk : If the electric motor stops running while the vehicle is in the EV mode, this may increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : NISSAN MOTOR CO., LTD

Address : 2-10-1, Hironodai, Zama-shi
Kanagawa 252-0012, Japan

Country : NR

Chronology :

Late August 2014 – Nissan was made aware of a field incident in Japan and initiated an investigation to determine the root cause and scope of the issue.

August 2014 to September 2014 – Nissan reviewed available field data to determine whether there were any incidents in the U.S. market that were attributed to this issue. No such incidents were identified.

Concurrently, Nissan also conducted in-vehicle testing to attempt to determine the cause of the issue. It was determined that a communication error between the motor inverter and TCM could potentially shut down the electric motor when the vehicle is operating in EV mode only. This issue does not occur when the vehicle is operating at highway speeds while the internal combustion engine is engaged.

September 16, 2014 - Nissan determined that a safety related defect exists and that a recall campaign will be conducted.

Description of Remedy :

Description of Remedy Program : Nissan will reprogram the motor inverter software to correct this issue, at no charge for parts and labor.

We will not 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 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 : Nissan will notify all owners of potentially affected vehicles within 60 days to bring their vehicle to an Infiniti retailer.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported