Part 573 Safety Recall Report

14V-583

Manufacturer Name : Nissan North America, Inc.
Submission Date : SEP 19,2014
NHTSA Recall No. : 14V-583
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 : 6,562
Estimated percentage with defect : 0

Vehicle Information :

Vehicle : 2013-2014 Infiniti M35 Hybrid
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : HYBRID ELECTRIC

Descriptive Information : Certain 2013 Model Year Infiniti M35 Hybrid and 2014 Model Year Infiniti Q50 Hybrid, and Q70 Hybrid vehicles.

No other Infiniti (or Nissan) vehicles are affected by this issue because the software algorithm used in the Engine Control Module (ECM) is unique to these models and dates of manufacture.

Production Dates : APR 07, 2012 - SEP 09, 2013

VIN (Vehicle Identification Number) Range

Begin : NR End : NR ☐ Not sequential VINs

Vehicle : 2014-2014 Infiniti Q50 Hybrid
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : HYBRID ELECTRIC

Descriptive Information : Certain 2013 Model Year Infiniti M35 Hybrid and 2014 Model Year Infiniti Q50 Hybrid, and Q70 Hybrid vehicles.

No other Infiniti (or Nissan) vehicles are affected by this issue because the software algorithm used in the Engine Control Module (ECM) is unique to these models and dates of manufacture.

Production Dates : DEC 10, 2012 - JUL 15, 2014

VIN (Vehicle Identification Number) Range

Begin : NR End : NR ☐ Not sequential VINs

Vehicle : 2014-2015 Infiniti Q70 Hybrid
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : HYBRID ELECTRIC

Certain 2013 Model Year Infiniti M35 Hybrid and 2014 Model Year Infiniti Q50 Hybrid, and Q70 Hybrid vehicles.

Descriptive Information : No other Infiniti (or Nissan) vehicles are affected by this issue because the software algorithm used in the Engine Control Module (ECM) is unique to these models and dates of manufacture.

Production Dates : APR 09, 2010 - MAY 07, 2014

VIN (Vehicle Identification Number) Range

Begin : NR End : NR ☐ Not sequential VINs

Description of Defect :

Description of the Defect : In the subject vehicles, the Engine Control Module (ECM) is designed to go into fail-safe mode and partially close the electronic throttle chamber regardless of throttle position if it detects a signal interruption from either one of the two Throttle Position Sensors (TPS). Due to a programming error unique to the subject vehicles, if the TPS signal is recovered, the electronic throttle chamber may gradually open regardless of throttle position. If this rare condition occurs, it could result in gradual acceleration of the vehicle.

Description of the Safety Risk : Although this can be overcome by normal application of the service brakes, it could potentially increase a 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 :

Early July 2014 – Nissan was notified of a possible ECM programming issue during design and development testing in Japan.

July 2014 to August 2014 – Nissan investigated whether any incidents had occurred in the U.S. market that are attributable to this issue. None were identified.

Nissan simulated the subject condition and confirmed that even if the vehicle's electronic throttle chamber begins to slowly open, the gradual acceleration could be overcome by normal application of the service brakes and the vehicle could be brought to a controlled stop.

September 16, 2014 - While Nissan is not aware of any instances of this potential condition occurring in the field, out of an abundance of caution, 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 ECM, at no charge for parts and labor, to correct the issue. Nissan will notify all owners of potentially affected vehicles within 60 days to take their vehicle to an Infiniti retailer.

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 take their vehicle to an Infiniti retailer.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported