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NISSAN

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NISSAN NORTH AMERICA, INC.

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February 23, 2012

Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Attn: Recall Management Division (NVS-215)
Room W48-302
1200 New Jersey Avenue, SE
Washington, D.C. 20590

Dear Madam:

We are transmitting the enclosed Defect Information Report in accordance with 49 CFR Part 573. A voluntary recall campaign will be initiated and your office provided with the notices. Nissan plans to notify dealers by February 24, 2012 and begin owner notification on March 19, 2012. We will not include information in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy as these vehicles are covered under warranty.

Very truly,



John Gibbons
Senior Manager,
Technical Compliance

Encl.

DEFECT INFORMATION REPORT

1. Manufacturer:

Nissan Motor Co., Ltd.

2. Vehicles Potentially Involved:

<u>Model</u>	<u>Dates of Manufacture</u>
MY 2011-2012 Nissan Juke	March 8, 2010 - December 27, 2011
MY 2011-2012 Infiniti QX	October 27, 2009 - December 24, 2011
MY 2011-2012 Infiniti M	October 5, 2009 - December 16, 2011

No other Nissan or Infiniti vehicles are affected because the subject fuel pressure sensor is only used in the above vehicles with direct injection engines.

3. Total Number of Vehicles Potentially Involved:

Approximately 79,275 vehicles total. The approximate number by Model and Model Year is as follows:

<u>Model</u>	<u>Number of Vehicles</u>
MY 2011-2012 Nissan Juke	Approximately 53,582 vehicles
MY 2011-2012 Infiniti QX	Approximately 23,261 vehicles
MY 2011-2012 Infiniti M	Approximately 2,432 vehicles

4. Percentage of Vehicles Estimated to Actually Contain the Defect:

Unknown

5. Description of the Defect:

On some of the affected vehicles, the fuel pressure sensor may not have been tightened to the correct specification. As a result, the fuel pressure sensor may loosen gradually due to heat and vibration. If this occurs, over time, a small amount of fuel may leak from the fuel pressure sensor.

6. Chronology of Principal Events:

November 3, 2011 - Nissan received a customer complaint about a fuel odor in the cabin while the air conditioning was turned on. Nissan initiated an investigation.

November 2011 through December 2011 – The investigation of the subject vehicle at the dealer identified a small fuel leak from the high pressure fuel sensor onto the fuel rail during engine cranking.

January 2012 through February 2012 – Nissan conducted an investigation of the issue, which included field data analysis and a parts collection activity to determine the scope and cause of the issue. No thermal incidents were reported in the field as a result of this issue.

February 16, 2012 - Nissan determined that a safety related defect exists and that a recall campaign should be conducted.

7. Description of Corrective Action:

Owners of all potentially affected vehicles will be notified. The dealer will check for fuel leakage between the fuel rail pressure sensor and fuel rail. If there is no leakage, the pressure sensor will be retightened to the proper torque specification. If a fuel leak is found, the fuel pressure sensor will be removed, the gasket will be replaced and the entire assembly will be retightened to the proper torque specification.

8. Copy of Notices:

Copies of all notices will be provided to NHTSA as they become available.