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13V-136

(4 pages) - Amended

**NISSAN NORTH AMERICA, INC.**

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**NISSAN**

August 7, 2013

Ms. Nancy Lewis  
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 Ms. Lewis:

We are enclosing an update to the Defect Information Report previously submitted on April 11, 2013 in accordance with 49 CFR Part 573. The amended report updates the information regarding the Nissan Sentra model years and production ranges involved in the passenger air bag inflator (13V-136) voluntary recall campaign. Nissan will begin owner notification on August 12, 2013.

Very truly,



Donald Neff  
Manager,  
Technical Compliance

Encl.

## **DEFECT INFORMATION REPORT**

1. Manufacturer:

Nissan Motor Co., Ltd. and Nissan Mexicana, S.A, De C.V.

2. Vehicles Potentially Involved:

<b><u>Model</u></b>	<b><u>Dates of Manufacture</u></b>
MY 2001-2003 Nissan Maxima	June 20, 2000 to December 19, 2002
MY 2001-2003 Nissan Pathfinder	July 16, 2001 to February 13, 2003
MY 2002-2003 Nissan Sentra	July 30 <sup>th</sup> , 2001 – March 5 <sup>th</sup> , 2003
MY 2001-2003 Infiniti I30/I35	May 29, 2000 to May 15, 2003
MY 2002-2003 Infiniti QX4	July 16, 2001 to October 31, 2002
MY 2003 Infiniti FX	December 21, 2002 to June 15, 2003

None of the potentially affected front passenger air bag inflators were installed in any other Nissan or Infiniti vehicles in the United States.

The name and address of the front passenger air bag inflator supplier is:

TK HOLDINGS INC.  
2500 Takata Drive  
Auburn Hills, MI 48326  
Phone 248-373-8040  
Fax 248-373-2897

3. Total Number of Vehicles Potentially Involved:

The approximate number of vehicle is shown in the table below:

<b><u>Model</u></b>	<b><u>Number of Vehicles</u></b>
MY 2001-2003 Nissan Maxima	Approximately 164,669
MY 2001-2003 Nissan Pathfinder	Approximately 31,825
MY 2002-2003 Nissan Sentra	Approximately 172,940
MY 2001-2003 Infiniti I30/I35	Approximately 59,382
MY 2002-2003 Infiniti QX4	Approximately 7,722
MY 2003 Infiniti FX	Approximately 1,764

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

Based on the information in Section 6 of the Takata defect information report, indicating there were only 6 in-vehicle incidents attributable to this issue, the percentage of vehicles that actually contain the defect appears to be extremely small.

See Takata defect report for additional information.

5. Description of the Defect:

See Section 5 of the Takata defect information report for details.

Some air bag propellant wafers manufactured between April 13, 2000 and September 11, 2002 at Takata's Moses Lake, Washington plant may have been produced with inadequate compaction force.

Some propellant wafers used in air bag inflators manufactured between October 4, 2001 and October 31, 2002 at Takata's Monclova, Mexico plant may have been exposed to uncontrolled moisture.

In both cases, the propellant could potentially deteriorate over time due to environmental factors, which could lead to over-aggressive combustion in the event of an air bag deployment. This could create excessive internal pressure within the inflator and could cause the inflator housing to rupture.

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6. Chronology of Principal Events:

February 21, 2013 – Nissan received a report from Takata that it was in the process of investigating a front passenger air bag inflator quality issue affecting air bags supplied to several vehicle manufacturers including Nissan. The investigation was prompted by a small number of reports of passenger air bag inflator rupture. None of the reports involved Nissan vehicles. Takata asked Nissan to investigate whether it was aware of any reports of this issue.

February 2013 to March 2013 - Nissan conducted a thorough investigation into whether there were any reported incidents concerning the subject condition in Nissan vehicles. Nissan could not identify any reports involving the issue described by the supplier.

April 2, 2013 – Nissan received a report from Takata detailing the failure mode and root cause of the issue, along with an indication that Takata was

in the process of determining whether a safety-related defect existed. Based on the information supplied in the report, Nissan reviewed the potential consequences of the issue.

Subsequently, Takata notified Nissan that it had made a safety defect determination. Nissan then decided to conduct a recall campaign to address the issue.

7. Description of Corrective Action:

Nissan plans to notify owners beginning on August 12, 2013. Owners of all potentially affected vehicles will be notified to take their vehicle to a Nissan or Infiniti dealer for repair. The front passenger air bag inflator will be replaced with a new one at no cost to owners for parts or labor.

8. Copy of Notices:

A copy of the owner notification has been provided to NHTSA. Copies of all other notices will be provided to NHTSA as they become available.

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