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**NISSAN NORTH AMERICA, INC.**

Corporate Headquarters  
One Nissan Way  
Franklin, TN 37068

Mailing Address: P.O. Box 685001  
Franklin, TN 37068-5001

Telephone: 615.725.1000

May 19, 2009

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 Sir:

Nissan previously submitted a Defect Information Report on May 14, 2008 in accordance with 49 CFR Part 573 referencing 2003 through 2007 model year Murano vehicles.

We are transmitting the enclosed updated Defect Information Report which supplements the original submission. In addition, the dealer and owner notification dates have been changed by two weeks. Nissan plans to notify dealers by July 2, 2009 and begin owner notification on July 6, 2009.

Very truly,

John Gibbons  
Senior Manager,  
Technical Compliance

Encl.

## **DEFECT INFORMATION REPORT**

1. Manufacturer:

Nissan Motor Co., Ltd.

2. Vehicles Potentially Involved:

2003-2007 Model year Nissan Murano vehicles manufactured between April 8, 2002 and October 26, 2007. None of the potentially affected intake air ducts were installed in any other Nissan vehicles.

The intake air ducts supplier and the country of origin of the intake air ducts is:

MAHLE Filter Systems Japan Corporation  
3-1-2 Ikebukuro, Toshima-ku, Tokyo, Japan  
Zip: 171-0014  
Phone: +81 (0) 3-3989-8464  
Fax: +81 (0) 3-3989-8470

3. Total Number of Vehicles Potentially Involved:

Total number of vehicles: Approximately 362,891.

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

Unknown

5. Description of the Defect:

The intake air ducts, which are connected to the intermediate resonator in the air intake system of the engine, may separate from the resonator with engine movement. This separation occurs due to the premature ageing of the material used in the intake air ducts which causes excessive shrinking. The ageing/shrinking of the material is caused by heat from the engine under certain driving conditions. Consequently, the clamping force provided by the clamps on the air ducts could deteriorate, and the air ducts may pull off the resonator assembly. If the air duct pulls off the resonator, the air flow meter can not measure the intake airflow rate correctly and this

condition could result in unstable idling or poor acceleration. If the vehicle continues to be driven in this condition, in an extreme case, the engine may stall during the driving.

6. Chronology of Principal Events:

July 2008 - November 2008

Nissan had been receiving reports of slower than normal vehicle acceleration from the field and had determined that the acceleration issue was caused by the intake air duct partially pulling off the air intake resonator. The issue was being resolved by dealers simply re-clamping the intake duct.

Even though the acceleration issue was not significant enough to affect safe vehicle operation, an investigation was initiated to verify what driving conditions would cause air intake hose separation along with potential consequences of the issue.

November 2008 - May 2009

Nissan studied the effects of intake hose separation across several models and determined that the air intake duct separation would only occur on certain air duct and resonator combinations. During this testing, it was found that if a vehicle was driven aggressively over a period of time in the slower acceleration condition, the air duct could completely pull away from the resonator. If this occurred, the possibility of stalling and re-starting difficulty existed.

May 8, 2009

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 to take their vehicle to a Nissan dealer. The intake air duct will be replaced with a counter-measured one and the air duct clamps will be replaced with new clamps.

8. Copy of Notices:

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