



NISSAN NORTH AMERICA, INC.

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09V-431
(3 Pages)

October 27, 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:

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 on December 4, 2009 and all affected owners on December 7, 2009. 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 under warranty.

Very truly,

John Gibbons
Senior Manager,
Technical Compliance

Encl.

DEFECT INFORMATION REPORT

1. Manufacturer:

Nissan North America, Inc.

2. Vehicles Potentially Involved:

2009 Model year Nissan Sentra vehicles manufactured from February 23, 2008 through April 18, 2008. Vehicles manufactured before this period were part of a previous campaign (08V-311). Vehicles manufactured after these dates are not affected due to the implementation of a countermeasure for vehicles produced after April 18, 2009. None of the potentially affected master cylinders were installed in any other Nissan models. The affected vehicle production range was determined based on the production range of the affected part that may have been improperly manufactured.

The master cylinder supplier is:

Robert Bosch, LLC
3800 Hills Tech Drive
Farmington Hills, MI 48331
248-876-1000

3. Total Number of Vehicles Potentially Involved:

Approximately 10,586

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

Unknown

5. Description of the Defect:

The internal seal groove in the body of some brake master cylinders may allow for a gap in the groove contact area of the seal. This may result in brake fluid slowly leaking from the master cylinder. If the amount of brake fluid in the master cylinder reservoir decreases to a particular level, the brake system warning indicator will illuminate as designed.

The affected vehicles are equipped with a split circuit diagonal brake system. If the warning lamp is continuously ignored and the vehicle is driven in this condition for a relatively long period of time, one of the

brake circuits on the vehicle may not operate as designed. However, the other circuit will continue to operate as designed. Therefore, the vehicle braking system will continue to function and meet the "Hydraulic circuit failure performance requirements" specified in S7.10 of FMVSS no. 135.

6. Chronology of Principal Events:

July 23, 2008 – Nissan conducted a voluntary recall (08V-311) for model year 2007-2008 Sentras manufactured from start of production to February 22, 2008.

June 2009 – July 2009 - Nissan began an investigation based on reports of post countermeasure warranty claims and implemented a process for collecting incident parts.

August 2009 – September 2009 – Nissan began receiving and studying warranty return parts. Nissan began a joint investigation with the supplier and began reviewing supplier countermeasure activities.

September 2009 – October 2009 – Nissan compared its assessment of post countermeasure warranty claims to process changes at the supplier and determined that the new field data received after the initial DIR suggested that the recall population needed to be expanded.

October 21, 2009 – Nissan determined that a safety related defect may exist and that the original recall campaign (08V-311) should be expanded to include 2009 Model year Nissan Sentra vehicles manufactured from February 23, 2008 through April 18, 2008. Because the original DIR was filed over one year ago, Nissan is submitting a new DIR for this population.

7. Description of Corrective Action:

Owners of all potentially affected vehicles will be notified. The master cylinder/brake booster assembly will be inspected. If brake fluid leakage is detected, the master cylinder will be replaced with a new one.

8. Copy of Notices:

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