



U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

October 28, 2010

MR. JOHN GIBBONS
SENIOR MANAGER
TECHNICAL COMPLIANCE
NISSAN NORTH AMERICA, INC
P.O BOX 685001
FRANKLIN TN 37068-5009

NVS-215dgl
10V-517

SUBJECT: ENGINE CONTROL MODULE

DEAR MR. GIBBONS:

This letter serves to acknowledge Nissan North America Inc's notification to the National Highway Traffic Safety Administration (NHTSA) of a defect in the vehicles listed below for which a safety recall campaign will be conducted pursuant to Federal law.

Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

Makes/Models/Model Years:

INFINITI/QX56/2004-2006
NISSAN/ARMADA/2004-2006
NISSAN/FRONTIER/2005-2006
NISSAN/PATHFINDER/2005-2006
NISSAN/TITAN/2004-2006
NISSAN/XTERRA/2005-2006

NHTSA Campaign Number: 10V-517

Mfg's Report Date: October 28, 2010

Components: ENGINE AND ENGINE COOLING

Potential Number of Units Affected: 747,480

Summary:

NISSAN IS RECALLING CERTAIN MODEL YEAR 2004-2006 ARMADA, TITAN, INFINITI QX56 AND MODEL YEAR 2005-2006 FRONTIER, PATHFINDER AND XTERRA VEHICLES. THE INTELLIGENT POWER DISTRIBUTION MODULE (IPDM) ASSEMBLY CONTAINS AN ENGINE CONTROL MODULE (ECM) RELAY THAT HAS A DIODE FOR ELECTRICAL CURRENT NOISE REDUCTION. THE ECM RELAY MAY ALLOW SILICON VAPOR TO FORM AND, OVER TIME, THE SILICON EVAPORATES FROM THE DIODE MOLDING WHICH CAUSES SILICON OXIDE TO DEVELOP ON THE ECM RELAY CONTACT DUE TO ARCING.

Consequence:

THIS COULD CAUSE ENGINE STALLING INCREASING THE RISK OF A CRASH.

Remedy:

DEALERS WILL REPLACE THE ECM RELAY INSIDE THE IPDM ASSEMBLY. THIS SERVICE WILL BE PERFORMED FREE OF CHARGE. THE SAFETY RECALL IS EXPECTED TO BEGIN DURING DECEMBER 2010. OWNERS MAY CONTACT NISSAN AT 1-800-647-7261.

Notes:

CUSTOMERS MAY CONTACT THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION'S VEHICLE SAFETY HOTLINE AT 1-888-327-4236 (TTY: 1-800-424-9153); OR GO TO [HTTP://WWW.SAFERCAR.GOV](http://www.safercar.gov).

The information in your defect report appears to satisfy the requirements of 49 CFR 573.6.

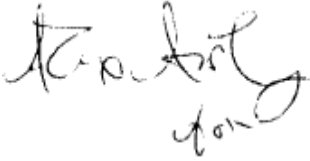
Please provide the following additional information and be reminded of the following requirements:

You are required to submit a draft owner notification letter to this office no less than five days prior to mailing it to the customers. Also, copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

As stated in Part 573.7, submission of the first of six consecutive quarterly status reports is required within 30 days after the close of the calendar quarter in which the campaign was initiated. Thereafter, quarterly reports will be due on or before 30 days after close of the calendar quarter.

Your contact for this recall will be Delia Lopez who may be reached by phone at 202-366-9525, or by email at Delia.lopez@dot.gov, or through the office email at RMD.ODI@dot.gov. We look forward to working with you toward a successful completion of this recall campaign.

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer Timian". The signature is written in a cursive style with a large initial "J" and "T".

Jennifer Timian
Chief, Recall Management Division
Office of Defects Investigation
Enforcement