



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

1200 New Jersey Avenue SE
Washington, DC 20590

July 1, 2011

MR. VINNIE VENUGOPAL
GENERAL MANAGER
TOYOTA MOTOR ENGINEERING &
MANUFACTURING NORTH AMERICA, INC.
601 THIRTEENTH STREET, NW, SUITE 910 SOUTH
WASHINGTON, DC 20005

NVS-215dgl
11V-342

SUBJECT: INVERTER ASSEMBLY

DEAR MR. VENUGOPAL:

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

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:

LEXUS/RX400H/2006-2007

TOYOTA/HIGHLANDER HYBRID/2006-2007

NHTSA Campaign Number: 11V-342

Mfg's Report Date: June 29, 2011

Components: ELECTRICAL SYSTEM

Potential Number of Units Affected: 82,273

Summary:

TOYOTA IS RECALLING CERTAIN MODEL YEAR 2006-2007 HIGHLANDER HYBRID AND LEXUS RX400H PASSENGER CARS MANUFACTURED FROM FEBRUARY 16, 2005, THROUGH AUGUST 30, 2006. A MODULE INSIDE THE INVERTER ASSEMBLY MAY CONTAIN INADEQUATELY SOLDERED TRANSISTORS THAT DURING HIGH-LOAD DRIVING, MAY BE DAMAGED BY HEAT CAUSED BY THE LARGE CURRENT. IF THIS OCCURS, VARIOUS WARNING LAMPS, INCLUDING THE MALFUNCTION INDICATOR LAMP, SLIP INDICATOR LIGHT, BRAKE SYSTEM WARNING LIGHT, AND MASTER WARNING LIGHT, WILL BE ILLUMINATED ON THE INSTRUMENT PANEL.

Consequence:

IF THIS OCCURS, THE VEHICLE MAY ENTER A FAIL-SAFE/LIMP-HOME MODE THAT LIMITS THE DRIVEABILITY OF THE VEHICLE OR THE HYBRID SYSTEM WILL SHUT DOWN WHILE THE VEHICLE IS BEING DRIVEN, CAUSING THE CAR TO STOP UNEXPECTEDLY, INCREASING THE RISK OF A CRASH.

Remedy:

TOYOTA/LEXUS WILL MAIL AN INTERIM OWNER NOTIFICATION IN THE MIDDLE OF JULY 2011 TO ADVISE OWNERS OF THIS RECALL AND THE FACT THAT THEY WILL RECEIVE A FUTURE NOTICE WHEN PARTS BECOME AVAILABLE TO COMPLETE REPAIRS. TOYOTA DEALERS WILL INSPECT THE HYBRID INVERTER PRODUCTION NUMBER TO DETERMINE WHETHER THE INVERTER CONTAINS SUSPECT TRANSISTORS AND REPLACE THE (IPM) FREE OF CHARGE. OWNERS MAY CONTACT TOYOTA AT 1-800-331-4331.

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).

This recall was the subject of a Preliminary Evaluation, PE11-005, conducted by the Office of Defects Investigation.

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 one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on or before 30 days after the close of the calendar quarter.

Your contact for this recall will be Delia Lopez who may be reached by phone at 1-202-366-9525, 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 "Jen for" followed by a stylized signature.

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