

## **TOYOTA**

10V-285 (4 pages) Amended

## TOYOTA MOTOR NORTH AMERICA, INC.

WASHINGTON OFFICE

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July 27, 2010

Mr. Daniel C. Smith Associate Administrator for Enforcement National Highway Traffic Safety Administration 1200 New Jersey Avenue, SE Washington, DC 20590

Re: 2010 Lexus HS250h/FMVSS 301

Amended Part 573, Noncompliance Information Report

Dear Mr. Smith:

In accordance with the requirements of the National Traffic and Motor Vehicle Safety Act of 1966 and 49 CFR Part 573, on behalf of Toyota Motor Corporation ["TMC"], we hereby submit the attached amendment to our June 25, 2010 Noncompliance Information Report concerning certain Lexus HS250h vehicles.

Should you have any questions about this report, please contact me at (202) 775-1707.

Sincerely,

TOYOTA MOTOR NORTH AMERICA, INC.

Chris Santucci

Manager

Technical & Regulatory Affairs

# NONCOMPLIANCE INFORMATION REPORT (Updated July 27, 2010)

## 1. <u>Vehicle Manufacturer Name:</u>

Toyota Motor Kyushu, Inc ["TMK"] 1, Kamiariki, Miyawaka City, Fukuoka-ken, 823-0015, Japan

## Affiliated U.S. Sales Company:

Toyota Motor Sales, USA, Inc. ["TMS"] 19001 South Western Avenue Torrance, CA 90501

## 2. <u>Identification of Affected Vehicles:</u>

Based on production records, we have determined the affected vehicle population as set forth in the table below.

| Make/            | Model | Manufac- | VIN |       |                                 | Production                                   |
|------------------|-------|----------|-----|-------|---------------------------------|--|
| Car Line         | Year  | turer    | WMI | VDS   | VIS                             | Period                                       |
| Lexus/<br>HS250h | 2010  | TMC      | JTH | BB1BA | A2000104<br>through<br>A2037664 | January 29, 2009<br>through<br>June 24, 2010 |

Note: Although the involved vehicles are within the above VIN ranges, not all vehicles within these ranges were sold in the U.S.

## 3. Total Number of Vehicles Potentially Affected:

2010MY HS250h: 17,801

## 4. Percentage of Vehicles Estimated to Actually Experience Noncompliance:

Unknown.

## 5. <u>Description of Noncompliance</u>:

S6.4 of FMVSS No. 301 requires that, when a vehicle is rotated on its longitudinal axis to each successive increment of 90 degrees following an impact crash test conducted under S6.2, fuel spillage shall not exceed the limits of S5.6. Following a rear impact crash test performed under S6.2(b), when the vehicle was rotated, the amount of fuel spillage exceeded the limits of S5.6.

### 6. Test results and other information

Following a rear moving barrier crash test performed by a NHTSA contractor (Calspan) under S6.2(b) of FMVSS No. 301, there was initially no fuel spillage. However, when the vehicle was rotated on its longitudinal axis, there were more than 142 grams of fuel spillage, which exceeded the limit of S5.6.

In Toyota's developmental and other internal testing on the HS250h, no fuel leakage occurred after any rear moving barrier crash and vehicle rotation. Movement of the fuel filler inlet pipe was also different in the Calspan test, and had not been previously observed in Toyota's developmental or self-certification testing. Interaction between the edge of the HS250h's wheel house body panel and the fuel cap housing on the top of fuel filler inlet pipe, which occurred in the Calspan test, had also not been observed.

To prevent such movement and interaction that could damage the fuel cap housing on the filler inlet pipe, a protector has been newly designed for the inlet pipe.

## 7. <u>Description of Corrective Repair Action</u>:

All known owners of the subject vehicles will be notified by first class mail to return their vehicles to a Lexus dealer in order to install a newly designed protector component for fuel filler inlet pipe.

#### Reimbursement Plan for pre-notification remedies for Lexus

As the owner notification letter will be mailed out well within the active period of the Lexus New Vehicle Limited Warranty ("Warranty"), all involved vehicle owners for this recall would have been provided repair at no cost under the Lexus Warranty.

#### 8. Recall Schedule:

Mailing of the owner notifications will commence in early August, 2010.

Copies of the owner notification and dealer instructions will be submitted as soon as they are available.

## 9. <u>Distributor/Dealer Notification Schedule:</u>

Notifications to distributors/dealers will be sent in late July, 2010.