



**Toyota Motor Engineering &
Manufacturing North America, Inc.**

Vehicle Safety & Compliance
Liaison Office
Mail Code: S-104
19001 South Western Avenue
Torrance, CA 90501

November 14, 2012

Ms. Nancy Lummen Lewis
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Attn: Recall Management Division (NVS-215)
1200 New Jersey Ave, SE
Washington, D.C. 20590

Re: Foreign Safety Recall/Other Safety Campaign Report
Certain Toyota vehicles

Dear Ms. Lewis:

In accordance with 49 CFR 579.12, attached is a copy of our Foreign Safety Recall/Other Safety Campaign Report for the subject vehicles.

Should you have any questions about this report, please contact me at (310) 468-1946.

Sincerely,

A handwritten signature in black ink that reads "Matthew D. Collins".

Matthew D. Collins
Manager
Toyota Motor Engineering & Manufacturing
North America, Inc.

Enclosures
Foreign Safety Recall/Other Safety Campaign Report

Foreign Safety Recall / Other Safety Campaign Report

Subject: Water pump for hybrid system issue on certain Toyota Crown Hybrid Vehicles

1. Vehicle Manufacturer Name:

Toyota Motor Corporation ["TMC"]

2. Affected Vehicles:

Make/ Car Line	Model Year	Country	Action	Production Period	Number of Vehicles
Toyota/ Crown Sedan *1	*2	Japan	Safety Recall	October 4, 2002 through April 18, 2008	527

*1: Only hybrid vehicles are involved in this safety recall.

*2: In Japan, there is no system of Model Year.

3. Substantially Similar Vehicles sold in the U.S.:

Make/ Car Line: Lexus GS450h
Model Year: 2007-2008 Model Year

4. Description of Problem:

In the hybrid system of the subject vehicles, there is an electrically driven water pump assembly which circulates coolant through the hybrid components, including the inverter assembly, to provide cooling. There is a possibility that the coil wire of the electric motor installed in the water pump may have been scratched during the coiling manufacturing process at the supplier. In this condition, the coil wire may corrode at the scratched portion and in some cases break. If this occurs, the water pump could stop, leading to illumination of various warning lights in the instrument panel. In limited instances, a short circuit can occur between adjacent coil wires, resulting in an open fuse for the electric power supply circuit. If the fuse is open, the hybrid system will stop while the vehicle is being driven, which may increase the risk of an accident.

5. Description of Corrective Repair Action:

For all of the affected vehicles, the dealer will replace the water pump assembly for the hybrid system with an improved one.

6. Determination to Conduct Safety Recall / Other Safety Campaign:

- The determination was made by Toyota Motor Corporation;
- Date of determination: November 9, 2012
- Date campaign will commence: November 15, 2012

7. Reason the similar vehicles sold in the U.S. are not involved in this safety recall / other safety campaign:

Toyota filed a Part 573 report with NHTSA on November 14, 2012 concerning the same issue and is conducting a safety recall campaign on certain 2004-2009MY Toyota Prius and 2009-2011MY Toyota FCHV-adv vehicles. This condition only affects vehicles with the water pump for the hybrid system manufactured on a specific coiling manufacturing line at a certain supplier.

The substantially similar vehicles sold in the U.S. described in section 3 (Lexus GS450h vehicles) have a water pump manufactured by a different supplier and, therefore, will not experience the condition.