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

ODI RESUME

Investigation: PE 05-029
Date Opened: 05/31/2005
Principal Investigator: Cheryl Rose
Subject: Engine Stalling

Manufacturer: Toyota Motor North America, Inc.
Products: 2004-2005 Toyota Prius
Population: 75,000 (estimated)

Problem Description: The engine allegedly stalls while driving, without warning.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	33	0	33
Crashes/Fires:	0	0	0
Injury Incidents:	0	0	0
# Injuries:	0	0	0
Fatality Incidents:	0	0	0
# Fatalities:	0	0	0
Other*:	0	0	0

*Description Of Other:

Action: A Preliminary Evaluation (PE) has been opened.

Engineer: *Cheryl Rose* CAR Date: *05/31/2005*
Div. Chief: *Jeffrey L. Quandt* Date: *05/31/2005*
Office Dir.: *Kathleen C. DeMeter* Date: *05/31/2005*

Summary: ODI has received 33 reports of alleged engine stalling on the subject vehicles. Twenty-eight (28) complaints were received on model year (MY) 2004 vehicles and 5 on MY 2005 vehicles. Over 85 percent of the complainants reported that the vehicle stalled while driving between 35 and 65 mph.

The subject vehicles are gasoline/electric hybrid vehicles that can be operated in gasoline or electric modes, or a combination of both. Some of the complaints indicate that the vehicle was operated in electric mode for some period after the gas engine stalled. All complainants reported that the engine shut down suddenly without warning and at least 50 percent of the complainants reported that when the engine shut off, the vehicle would not restart and had to be towed.

In January and May 2004, Toyota issued Special Service Campaigns 40A and 40D to address software issues with the Prius Hybrid Vehicle Electronic Control Unit (HV ECU). In October 2004, Toyota issued Technical Service Bulletin (TSB) EG047-04 to address additional software issues consumers were experiencing with the HV ECU in MY 2004 through early-2005 Prius vehicles.

A Preliminary Evaluation has been opened to determine any scope, frequency, and potential safety-related consequences of the alleged defect.