



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

ODI RESUME

Investigation: EA08-010
 Prompted By: PE08-010
 Date Opened: 06/12/2008
 Principal Investigator: Derek Rinehardt
 Subject: Non-Crash Engine Compartment Fires

Manufacturer: General Motors Corp.
 Products: MY 2007 - 2008 GMT900 Platform and MY 2006 - 2008 Hummer vehicles
 Population: 2,700,000 (estimated)

Problem Description: Consumers are alleging non-crash related engine compartment fires, resulting in property damage to homes or adjacent vehicles in a few instances.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	5	40	41
Crashes/Fires:	5	40	41
Injury Incidents:	1	0	1
# Injuries:	2	0	2
Fatality Incidents:	0	0	0
# Fatalities:	0	0	0
Other*:	0	0	0

*Description Of Other:

Action: An Engineering Analysis has been opened.

Engineer: Derek Rinehardt DR
 Div. Chief: Jeffrey L. Quandt
 Office Dir.: Kathleen C. DeMeter

Date: 06/12/2008
 Date: 06/12/2008
 Date: 06/12/2008

Summary: In response to an Information Request letter sent by the Office of Defects Investigation (ODI) during Preliminary Evaluation PE08-010, GM provided ODI with 41 allegations of non-crash engine compartment fires including 16 allegations of fires originating with the ignition in the off position. One of the fires was determined to be caused by an arson event.

ODI has also received 5 reports, 4 of which are of duplicative of reports provided by GM, alleging non-crash engine compartment fires in the subject vehicles. In total, ODI is aware of 41 non-crash engine compartment fires in the subject vehicles that are unrelated to arson. Eight of the 41 fire allegations also allege property damage as a result of the fires.

Preliminary Evaluation PE08-010 has been upgraded to an Engineering Analysis to further assess the scope, frequency, origin and cause of the alleged non-crash related engine compartment fires in the subject vehicles.