



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: EQ 11-001
Prompted by: 10V-644
Date Opened: 02/07/2011
Investigator: Alexander Ansley
Approver: Jennifer Timian
Subject: IEE Passenger Sensing System Mats

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: GENERAL MOTORS CORP.
Products: Certain 2005 -2007 Cadillac CTS vehicles
Population: 95,927
Problem Description: Certain IEE manufactured Passenger Sensing System mats may become disabled preventing the passenger seat airbag from deploying.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	0	TBD	TBD
Crashes/Fires:	0	TBD	TBD
Injury Incidents:	0	TBD	TBD
Fatality Incidents:	0	TBD	TBD
Other*:	0	TBD	TBD

*Description of Other:

ACTION / SUMMARY INFORMATION

Action: Open EQ

Summary:

On December 17, 2010, General Motors (GM) notified the NHTSA that it had decided certain 2005 - 2007 model year Cadillac CTS vehicles contain a safety related defect. GM stated that certain CTS vehicles contain a passenger sensing system mat, manufactured by IEE, in the front passenger seat that may flex causing the mat to kink, bend or fold. If this flexing causes the connections in the mat to break, the passenger airbag could become disabled. Non-deployment of the front passenger air bag in the event of a crash necessitating that air bag's deployment may reduce protection of the passenger and increase the risk or severity of injury to them. This issue was assigned recall number 10V-644.

Prior to this recall, NHTSA's Early Warning Division (EWR) corresponded with both GM and IEE regarding complaints for this particular equipment. It was discovered that IEE supplied several passenger sensing system mats to other vehicle manufacturers for use in their vehicles.

The purpose of this EQ is to write to any other companies that might have purchased this equipment, notify them of this defect in any vehicles they manufactured, and to ensure thorough safety recalls are conducted where appropriate.