



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: PE 19-013
Date Opened: 09/17/2019
Investigator: Jisan Xue **Reviewer:** Gregory Magno
Approver: Stephen Ridella
Subject: Passenger Sensing System Malfunction

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: General Motors LLC
Products: 2012-2013 Chevrolet Volt
Population: 45,861 (Estimated)
Problem Description: The Passenger Sensing System for the front seat passenger frontal and knee airbags may malfunction, suppressing deployment of the frontal and knee airbags for that seating position.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	17	TBD	TBD
Crashes/Fires:	0	TBD	TBD
Injury Incidents:	0	TBD	TBD
Number of Injuries:	0	TBD	TBD
Fatality Incidents:	0	TBD	TBD
Number of Fatalities:	0	TBD	TBD

ACTION / SUMMARY INFORMATION

Action: Open Preliminary Evaluation (PE)

Summary:

The Office of Defects Investigation (ODI) has received 17 complaints alleging a malfunction of the Passenger Sensing System (PSS) for the front outboard passenger frontal airbag and knee airbag in Model Year (MY) 2012-2013 Chevrolet Volt vehicles. Complaints report illumination of the passenger airbag status indicator, the airbag readiness light, and the Service Airbag message display.

Complaints allege the cause of the PSS malfunction to be the system sensor located under the trim cover of the front passenger seat. A malfunctioning PSS could result in the potential suppression of the passenger frontal and knee airbags if the front passenger seat is occupied by a person of adult size.

ODI is opening this Preliminary Evaluation to characterize the scope and severity of the potential problem and to fully assess the potential safety-related issues.

The ODI complaints cited above can be viewed as www.nhtsa.gov under the following ODI identification numbers: 11241141, 11210834, 11182059, 11176661, 11171650, 11151914, 11150221, 11128360, 11110642, 11100339, 11096766, 11093957, 11093379, 11090377, 11064619, 11061616, 11022955