



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

1200 New Jersey Avenue SE.  
Washington, DC 20590

MAY 16 2016

Mr. Troy Lyman  
29500 Mira Loma Drive  
Apartment Q102  
Temecula, CA 92592

NEF-120sly  
DP16-001

Dear Mr. Lyman:

This letter acknowledges receipt of your petition dated 20 April 2016, by the National Highway Traffic Safety Administration (NHTSA) Office of Defects Investigation (ODI) on April 28, 2016. Your petition requests NHTSA open an investigation into alleged defects in the air bag system on 2007-2010 Saturn Sky and 2006-2010 Pontiac Solstice vehicles. Your petition has been assigned the identification number DP16-001. A copy of the opening resume denoting receipt of the petition is enclosed for your information.

In accordance with Title 49 CFR Part 552, "Petitions for Rulemaking, Defects, and Noncompliance Orders," NHTSA will conduct a review of the petition and other pertinent information and will notify you further upon completion.

Sincerely,

Stephen A. Ridella  
Acting Director  
Office of Defects Investigation

Enclosure:  
DP16-001 Opening Resume



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# ODI RESUME

**Investigation:** DP 16-001  
**Prompted by:** Defect Petition  
**Date Opened:** 05/16/2016  
**Investigator:** Sharon Yukevich                      **Reviewer:** Scott Yon  
**Approver:** Stephen Ridella  
**Subject:** Passenger Sensing System Sensor Mat

## MANUFACTURER & PRODUCT INFORMATION

**Manufacturer:** General Motors LLC  
**Products:** 2007-2010 Saturn Sky & 2006-2010 Pontiac Solstice  
**Population:** 91,205  
**Problem Description:** Failure of air bag Passenger Sensing System mat resulting in passenger air bag to not operate as intended.

## FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
<b>Complaints:</b>	1	TBD	TBD
<b>Crashes/Fires:</b>	0	TBD	TBD
<b>Injury Incidents:</b>	0	TBD	TBD
<b>Number of Injuries:</b>	0	TBD	TBD
<b>Fatality Incidents:</b>	0	TBD	TBD
<b>Number of Fatalities:</b>	0	TBD	TBD
<b>Other*:</b>	933	TBD	TBD

\*Description of Other: Complaints received by NHTSA identified by petitioner in Attachment B to the petition.

## ACTION / SUMMARY INFORMATION

**Action:** Further Evaluation of Defect Petition for a Grant or Deny Decision

### Summary:

The Office of Defects Investigation (ODI) has received a petition from Mr. Troy Lyman requesting a defect investigation into an alleged defect of the air bag system on 2006-2010 Pontiac Solstice and 2007-2010 Saturn Sky vehicles. The petition letter is attached for review.

The petitioner alleges that the Passenger Sensing System (PSS) sensor mat over time will kink, fold and eventually break. The petitioner further alleges that the break in the mat will cause a failure in the circuitry of the sensor mat that may lead to the passenger air bag system being inoperative (suppressed) when the seat is occupied by a passenger that would otherwise require air bag protection.

In Attachment B, the petitioner identified 933 complaints received by NHTSA alleging air bag system issues. The identified complaints encompass several General Motors vehicle models in addition to the Pontiac Solstice and Saturn Sky. ODI will evaluate these complaints further to determine if the complaints pertain to the issue cited in the petition.

This defect petition has been opened to evaluate the issue and determine whether to grant or deny the petition.