



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: TQ 14-001
Prompted by: Recall 14V-047
Date Opened: 02/26/2014
Investigator: Peter Ong **Reviewer:** Jennifer Timian
Approver: Frank Borris
Subject: Timeliness of Defect Determination

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: General Motors LLC
Products: MY 2005-07 Cobalt, 06-07 HHR/Solstice, 07 G5/Sky, 03-07 Ion
Population: 1,367,146
Problem Description: Air bag non-deployment due to air bag sensing system disablement as a result of the ignition switch moving from the "run" position to the "accessory" or "off" position during a crash event.

ACTION / SUMMARY INFORMATION

Action: Open this Timeliness Query (TQ)

Summary:

In its letter dated February 7, 2014, GM notified NHTSA that it has determined that a defect, which relates to motor vehicle safety, exists in 619,122 model year (MY) 2005-2007 Chevrolet Cobalt and MY 2007 Pontiac G5 vehicles. The safety defect concerns a condition in which the vehicle's ignition switch may unintentionally move from the "run" position to the "accessory" or "off" position resulting in a loss of power. This risk may be increased if the key ring is carrying added weight or the vehicle goes off road or experiences some other impact related event. In some cases, the timing of the ignition switch movement relative to the activation of the sensing algorithm of the crash event may result in the airbags not deploying.

In its letter dated February 24, 2014, GM amended the original recall letter to include a more detailed 573.6(c)(6) section outlining the chronology of principal events with the added Attachment B. On February 25, 2014, GM submitted another letter covering additional models/model year vehicles due to the same safety defect. The specific additional vehicles include the MY 2006-2007 Chevrolet HHR and Pontiac Solstice, MY 2003-2007 Saturn Ion and MY 2007 Saturn Sky vehicles totaling another 748,024 vehicles. Together, these recall actions affect a total population of 1,367,146 vehicles.

Based on General Motor's chronology of events, this TQ is opened to evaluate the timing of GM's defect decision-making and reporting of the safety defect to NHTSA.