



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

ODI RESUME

Investigation: PE09-003
Date Opened: 01/14/2009
Principal Investigator: Lawrence Hershman
Subject: Hyundai Stop Lamp Malfunction

Manufacturer: Hyundai Motor Company
Products: 2007 Hyundai Elantra, Entourage, Santa Fe, Sonata, Tucson
Population: 396,000 (estimated)

Problem Description: Stop lamp switch failure will lead to loss of stop lamp illumination and possible interference with proper operation of cruise control, antilock braking, electronic stability control, or ability to move the gear shift lever.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	5		
Crashes/Fires:	0		
Injury Incidents:	0		
# Injuries:	0		
Fatality Incidents:	0		
# Fatalities:	0		
Other:	0		

Description of Other:

Action: A Preliminary Evaluation (PE) has been opened.

Engineer: Lawrence L. Hershman LH

Date: 01/14/2009

Div. Chief: Thomas Z. Cooper

Date: 01/14/2009

Office Dir.: Kathleen C. DeMeter

Date: 01/14/200

Summary:

The agency has received five complaints of stop lamp failure across several 2007 Hyundai models. Most of those failures were traced to the improper operation of the stop lamp switch that controls stop lamp illumination. Failure of the stop lamps to illuminate properly creates the hazard of rear end collisions when drivers following the subject vehicle do not recognize that the vehicle is slowing or stopping. Some of the complaints allege other problems that may be related to stop lamp failure: failure of cruise control to disengage, interference with proper functioning of antilock brakes and/or electronic stability control, and inability to move the gear shift lever. The agency has also received early warning (EWR) reports on this issue.