



U.S. Department of Transportation

**National Highway Traffic Safety Administration**

# ODI RESUME

Investigation: PE08-006

Date Opened: 01/29/2008

Date Closed: 04/14/2008

Principal Investigator: Scott Yon

Subject: Ignition-Park Interlock system

Manufacturer: Mitsubishi Motors North America, Inc.

Products: 2006 Mitsubishi Endeavor

Population: 107,597

Problem Description: The Ignition-Park Interlock allows the key to be removed when the shift lever is in a non-park position resulting in vehicle rollaway.

## FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	2	13	14
Crashes/Fires:	2	6	7
Injury Incidents:	0	1	1
Fatality Incidents:	0	1	1
Other*:	0	0	0
	0	0	0
	0	31	31

\* Description of Other: Unverified warranty claims potentially related to the ignition-park interlock system failure.

Action: The Preliminary Evaluation is closed, Safety Recall 08V-139.

Engineer: D. Scott Yon

*DSY* 4/16/08

Date: 04/14/2008

Div. Chief: Jeffrey L. Quandt

Date: 04/14/2008

Office Dir.: Kathleen C. DeMeter

Date: 04/14/2008

Summary: The subject vehicle ignition-park interlock and shift lock (brake-shift interlock) systems are mechanically actuated. The systems utilize two cable assemblies that connect to a plastic housing mounted to the shift lever mechanism. Within the housing is a lever (interlock lever) that the ignition-park interlock cable connects to. When the interlock lever is positioned in its rearward travel range, ignition key removal is prevented; when the lever is positioned in its forward position, key removal is allowed.

According to Mitsubishi, the ignition key interlock cable may allow the interlock lever to fall forward during vehicle use. In this state the ignition key can be removed from the ignition switch when the gearshift mechanism is not in the park position. If the driver does not shift to park before removing the key and fails to engage the parking brake, the vehicle could roll and a crash could occur.

Most of the reported crash incidents were minor in nature involving unoccupied vehicles rolling from a parked condition and striking other vehicles or objects. The single injury incident occurred when the operator parked the vehicle, exited, and was subsequently struck by the vehicle as it rolled away. The type and severity of the injuries were not described.

In a letter dated March 21, 2008, Mitsubishi advised NHTSA that it will conduct a Safety Recall to address this condition (see [www.safercar.gov](http://www.safercar.gov), Recall Action 08V-139 for further details); remedy details and timing are to be determined. Accordingly the investigation is closed.